CHAMPION
MOTOR GRADERS

A Company within the Volvo Construction Equipment Group

700 Series

Serial Numbers
16245 to 21910

U.S. Serial Numbers
2021-2 to 2658-2



Parts Manual

CHAMPION
MOTOR GRADERS

700 Series
PARTS MANUAL

Introduction

This manual applies to Models 710 thru 780A, including graders equipped with All Wheel Drive. Use it to order the correct replacement parts for your Champion 700 Series motor grader. It applies to graders with Canadian serial numbers **16224, 16245** to **21910**, and U.S. serial numbers **2021-2** to **2658-2**.

Make sure you give your Champion Dealer the complete serial number of your grader, together with the part number, description and quantity of the part you need. Refer to **How to Use this Manual** on the following page.

The information in this manual is current at the time of publication. Ongoing product improvements may, however, cause some part numbers to change. Always verify part numbers with your Champion Dealer before ordering parts.

Some part assemblies are delivered disassembled to assist in shipping and installation.

Champion Road Machinery Limited reserves the right to amend any specification without notice.

Use only Champion Road Machinery approved parts.

In case of difficulty in obtaining Parts or Service for your motor grader, please contact Champion Road Machinery, Goderich, Ontario, Canada.

Telephone: 519-524-2601
Telefax: 519-524-3021 or 519-524-3017
Telex: 069-55175 CHAMPARTS GDCH

PRINTED ON RECYCLED PAPER

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Ref. L-3008
Printed in Canada

HOW TO USE THIS MANUAL

Start by turning to the Table of Contents. As the Table shows, the manual is divided into numbered Sections, each of which covers a separate area of the motor grader. Find the Section title that describes the general area you are interested in; for example: "Section 1-Steering System". Make a note of the Section Number.

Under each Section Title you will find descriptions of the related component-groups and the pages on which they appear, such as "Page 9/10 Steering Unit and Column". Find the component-group most likely to contain the parts you need for your model. Make a note of its page numbers.

The two page numbers that appear for each component-group represent a parts leaf or "plate". The odd numbered page shows the parts illustration, and the even numbered page (overleaf) shows the list of part numbers, descriptions and quantities.

If you know the description of the part you need, you can also refer to the Parts Manual Alphabetical Index at the front of the manual to find the pages on which it appears.

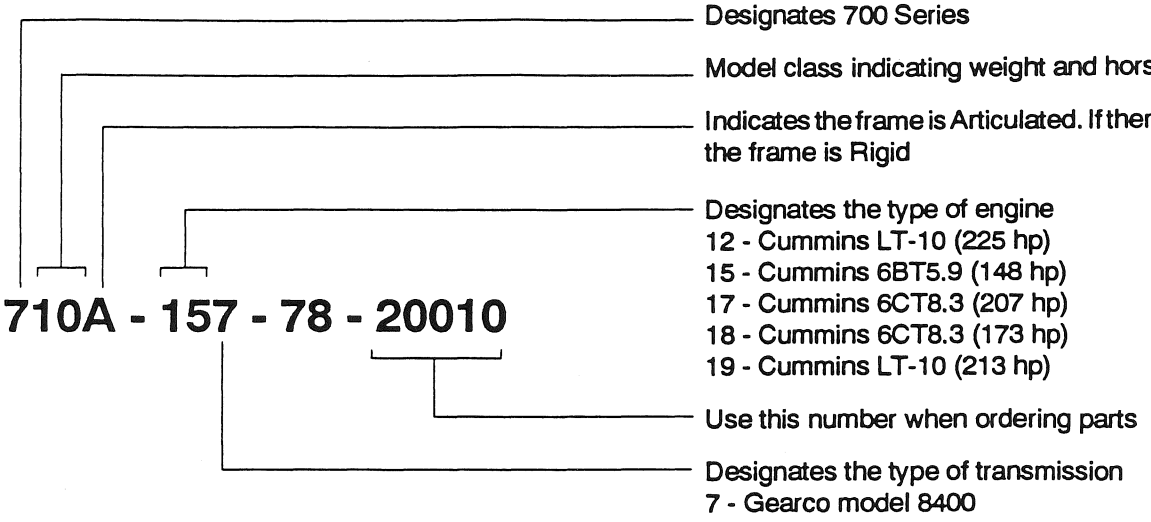
Each odd numbered page has a box in the lower right corner showing section and page numbers. To find the correct parts plate, search through the manual until you find illustration pages with the same section number as the one you recorded. Now find the page with the proper odd page number.

Product improvements often cause the parts used on a particular model of grader to change. The new parts will usually be described on a new parts plate. The new plate will have the same section and page number as the old parts plate and will appear alongside of it in the manual; however, it will have a different issue number. The issue number appears inside the parts illustration, directly above the page number, in the bottom right hand corner. An asterisk (*) beside a part number indicates a new, different or corrected part number. Find the parts plate identified as ISSUE No. 1.

Compare the serial number of your grader with the "Effective Serial Numbers" listed on the lower left corner of the illustration page. If your grader's serial number appears within this range, you should use this issue of the parts plate. If your grader's serial number is above the range, refer to the following issue and check the serial number range. Repeat this procedure until you find the correct issue. If your serial number appears below the range listed on ISSUE No. 1, you should not use this manual. See your Champion Dealer for the correct parts manual.

Find the part(s) you need in the illustration. Each part is identified with an "item number". Make a note of the number and turn the page to the part number listing. Find the number in the item number column. Opposite this number you will find the Champion part number, the description of the part and the quantity used in this component-group. A final column, "Remarks" may contain additional helpful information.

About Serial Numbers - The serial number for your 700 Series grader is located on the right hand side of the frame directly ahead of the cab.





Abbreviations -

A.R.	As required	c/w	Complete with	No.	Number
As Req'd.	As required	Ga.	Gauge	P.S.I.	Pounds per square inch
ASSY.	Assembly	L.H.	Left hand	REF.	Reference
A.W.D.	All wheel drive	R.H.	Right hand	S/N	Serial number
CYL.	Cylinder	mm	Millimeters	Thru	Through

Repair Part - indicates the part is not normally a serviceable item. It is often welded to the grader frame or to large assemblies.

When ordering parts, always give your Champion Distributor the part number, description and quantity you require, as well as the complete serial number of your grader.

37° J.I.C. Flare and Standard SAE O Rings - Order replacement 37° J.I.C. flare O rings as follows:

37° Hydraulic Fitting Size	O Ring Part Number
1/4 in.	42229
5/16 in.	42230
3/8 in.	42231
1/2 in.	42232
5/8 in.	42233
3/4 in.	12A-016
1 in.	12A-020
1-1/4 in.	12A-024
1-1/2 in.	12A-028
2 in.	12A-032

Order standard SAE O rings by part number **116A-** followed by the last two digits of the fitting part number.

Examples: 118A-08**10** fitting requires 116A-**10** O ring 111H-**08** fitting requires 116A-**08** O ring

QUICK REFERENCE CHART – FILTERS & BELTS

NOTE: N/A MEANS NOT APPLICABLE

S/N 16245 & UP

MODEL NO.		710 (A)	720 (A)	730 (A)	740 (A)	750 (A)	780 (A)
CUMMINS ENGINE TYPE		6BT5.9	6CT8.3	6CT8.3	LT10-C	LT10-C	LT10-C
ITEM	S/N RANGE	P/N	P/N	P/N	P/N	P/N	P/N
HYDRAULIC FILTER	20121 & UP	53527	53527	53527	53527	53527	53527
	16245 TO 20120	13028	13028	13028	13028	13028	13028
TRANSMISSION FILTER	19340 & UP	49076	49076	49076	49076	49076	49076
TRANS'N FILTER-STANDARD	16245 TO 19339	37104	37104	37104	37104	37104	37104
TRANS'N FILTER-TROPICAL	16245 TO 19339	45543	45543	45543	45543	45543	45543
HYDRAULIC FILTER-	16860 & UP	44419	44419	44419	N/A	N/A	N/A
ALL WHEEL DRIVE SYSTEM	16245 TO 16859	30790	30790	30790	N/A	N/A	N/A
AIR FILTER ELEMENT-	16806 & UP	28120	28120	28120	37398	37398	37398
PRIMARY	16245 TO 16805	28120	28120	28120	28120	28120	28120
AIR FILTER ELEMENT-	16806 & UP	28121	28121	28121	37399	37399	37399
SAFETY	16245 TO 16805	28121	28121	28121	28121	28121	28121
ENGINE OIL FILTER	21457 & UP	36844	54429	54429	54429	54429	54429
	19885 TO 21456	36844	36847	36847	54429	54429	54429
	16245 TO 19884	36844	36847	36847	24355	24355	24355
FUEL FILTER *	19885 & UP	36845	36845	36845	N/A	N/A	N/A
	16806 TO 19884	36845	36845	36845	24351	24351	24351
	16245 TO 16805	36845	24351	24351	24351	24351	24351
FUEL FILTER-BYPASS	16245 TO 19884	N/A	N/A	N/A	27872	27872	27872
FUEL FILTER WITH DRAIN	19885 & UP	36846	36846	36846	36849	36849	36849
(WATER SEPARATOR)	16245 TO 19884	36846	36846	36846	N/A	N/A	N/A
FUEL FILTER IN-LINE	20265 & UP	59115	59115	59115	N/A	N/A	N/A
FUEL FILTER-RACOR OPTION	16245 & UP	36107	36107	36107	36107	36107	36107
COOLANT FILTER	16245 & UP	45674	45674	45674	45674	45674	45674
COOLANT FILTER-PRECHARGE	16245 & UP	34654	34654	34654	34654	34654	34654
FAN / ALTERNATOR BELT	16805 & UP	37114	37395	37395	N/A	N/A	N/A
	16245 TO 16804	37114	N/A	N/A	N/A	N/A	N/A
FAN BELT	16805 & UP	N/A	N/A	N/A	37109	37109	37109
	16245 TO 16804	N/A	37111	37111	37109	37109	37109
ALTERNATOR BELT	16805 & UP	N/A	N/A	N/A	37110	37110	37110
	16245 TO 16804	N/A	37112	37157	37110	37110	37110
CLUTCH PUMP V-BELT	19586 TO 19884	N/A	51447	51447	51447	51447	51447
	19885 TO 20807	N/A	53599	53599	53598	53598	53598

O-RING KIT P/N 63049 contains more than 200 various size O-rings for hydraulic hose fittings on SERIES II and all SERIES III graders.

O-RING KIT P/N 12A-9002 is a general purpose kit containing a wide assortment of more than 500 of the most popular O-rings used for maintenance and repair on SERIES I,II and III graders.

* SEVERAL DIFFERENT FUEL FILTERS MAY BE REQUIRED DEPENDING ON MODEL & SERIAL NUMBER

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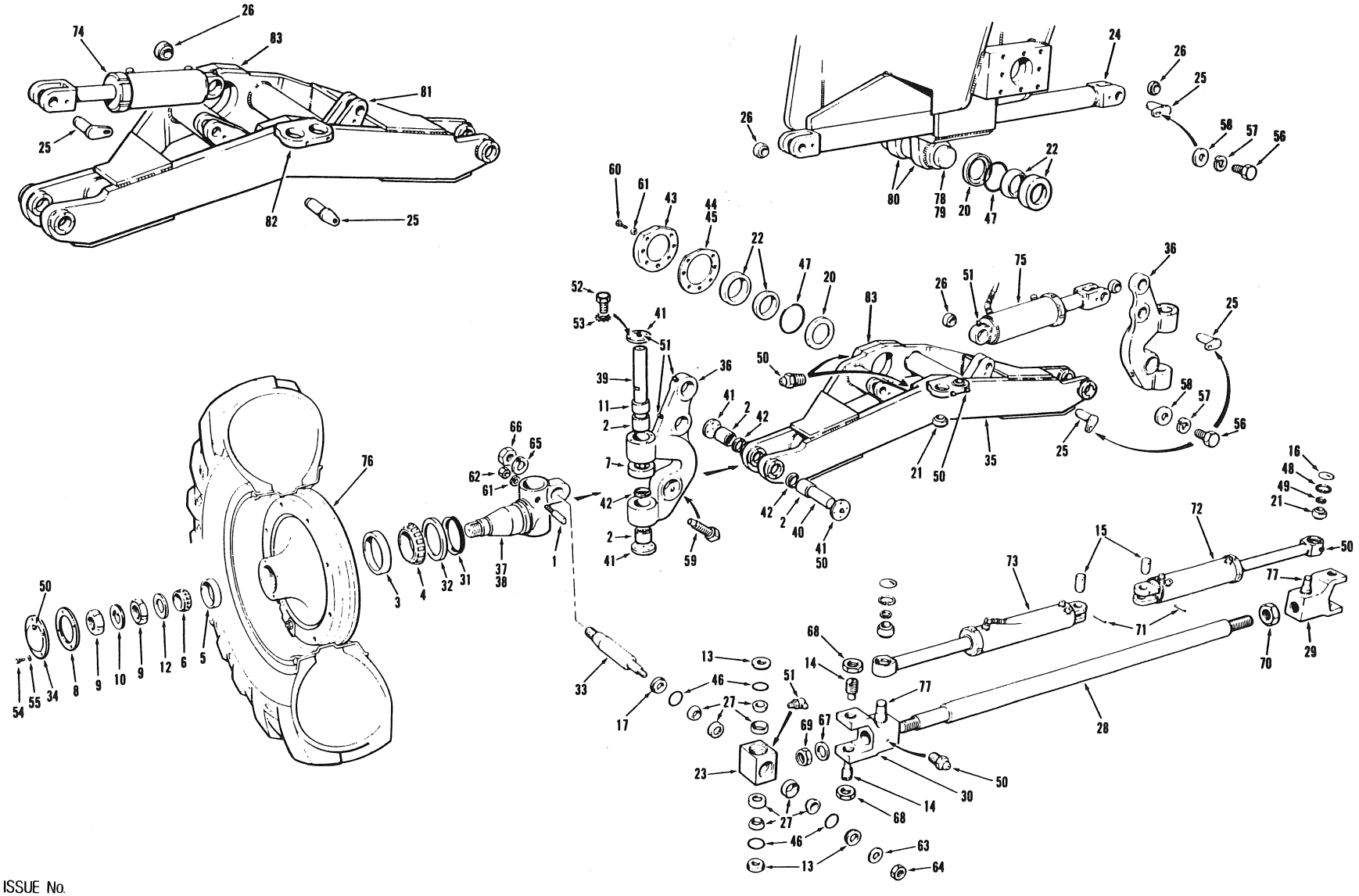
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FRONT AXLE

JUNE 1986

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NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP TO 2419-2

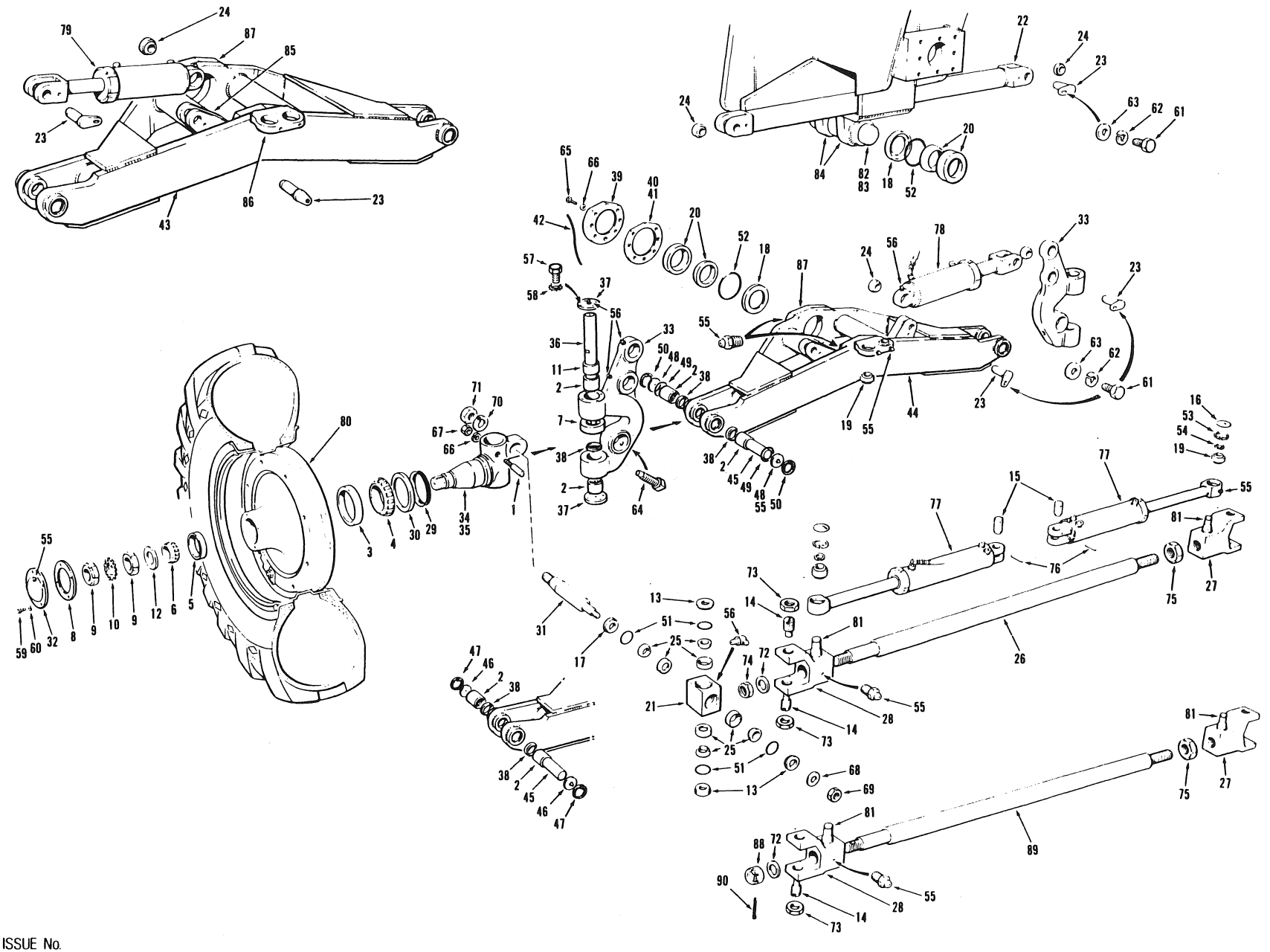
700 SERIES
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USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

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No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	726	KEY PIN	2	
2	1487B	NEEDLE BEARING	8	
3	8142A	CUP - INNER BEARING	2	
4	8142B	CONE - INNER BEARING	2	
5	8143A	CUP - OUTER BEARING	2	
6	8143B	CONE - OUTER BEARING	2	
7	8144	THRUST BEARING	2	
8	8146	GASKET - HUB CAP	2	
9	8148	LOCKNUT	4	
10	8149	LOCKWASHER	2	
11	8180	NEEDLE BEARING	2	
12	9466	WASHER - WHEEL BEARING	2	
13	12903	BEARING RETAINER	6	
14	12904	ADJUSTMENT PIN	4	
15	12911	PIVOT PIN	2	
16	15358	EXPANSION PLUG	2	
17	17648	BEARING RETAINER	2	
20	18348	BACK-UP WASHER	2	
21	19629	RADIAL BEARING - 35mm	4	
22	19633	THRUST BEARING - 80mm	2	
23	24196	PIVOT BLOCK	2	
24	24199	TIE BAR	1	
25	24207	BEARING PIN	4	
26	24210	RADIAL SPHERICAL BEARING -35mm	4	
27	24213	ANGULAR CONTACT BEARING - 25mm	8	
28	24797	DRAG LINK	1	
29	24798	YOKE - R.H.	1	
30	24799	YOKE - L.H.	1	
31	24947	V-RING SEAL	2	
32	24948	BACK-UP RING	2	
33	25063	RADIUS ARM	2	
34	25243	HUB CAP	2	
35	27931	AXLE FRAME	1	
36	27936	KNUCKLE	2	
37	27937	SPINDLE - R.H.	1	
38	27938	SPINDLE - L.H.	1	
39	27939	KING PIN	2	
40	27940	PIN	2	
41	27951	PIN CAP	8	
42	27954	OIL SEAL	6	
43	35207	PIVOT CAP - AXLE	1	
44	35208	SHIM - .010"	A.R	
45	35209	SHIM - .005"	A.R.	
46	12A-223	O RING	8	
47	12A-247	O RING	2	
48	19B-218	SNAP RING	2	
49	19C-137	SNAP RING	2	
50	29A-02	GREASE FITTING	9	
51	29B-02	GREASE FITTING	11	
52	51A-0404	BOLT	32	
53	14J-04	STARWASHER	32	
54	50A-0506	BOLT	8	
55	14A-05	LOCKWASHER	8	
56	50A-0606	BOLT	4	
57	14A-06	LOCKWASHER	4	
58	14C-06	FLATWASHER	4	
59	70K-0832	SET SCREW	2	
60	50AA-0814	BOLT	7	
61	14A-08	LOCKWASHER	9	
62	*31D-08	NUT	2	
63	14C-12	FLATWASHER	2	
64	*37N-12	LOCKNUT	2	
65	14A-18	LOCKWASHER	2	
66	31A-18	NUT	2	
67	14C-20	FLATWASHER	1	
68	31D-20	JAM NUT	4	
69	37M-20	LOCKNUT	1	
70	31D-28	JAM NUT	1	
71	13J-0816	ROLL PIN	2	
72		STEERING CYLINDER - R.H.	REF.	SECTION 1
73		STEERING CYLINDER - L.H.	REF.	PAGE 13/14
74		3" DIA. LEANING WHEEL CYLINDER	REF.	SECTION 1
75		4" DIA. LEANING WHEEL CYLINDER	REF.	PAGE 17/18
76		WHEELS & TIRES	REF.	SECTION 7 PAGE 5/6
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77	12907-2	PIVOT STUD - STEERING CYLINDER	A.R.	
78	17058-14	PIN & LUG ASSEMBLY	1	
79	17058-38	PIN	1	
80	17058-39	LUG	A.R.	
81	24200-6	LUG ASSEMBLY	A.R.	
82	27460	ANCHOR LUG - STEERING CYLINDER	1	
83	35206	FRONT BEARING MOUNT - USED WITH ITEMS 43 TO 45	1	
	35005	REPAIR KIT - INCLUDES ITEMS 1 TO 8, 11,16,21,22,26,27,31,32,42,46,47 & 71		



FRONT AXLE - MODEL 710 THRU 760A

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NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2420-2 & UP

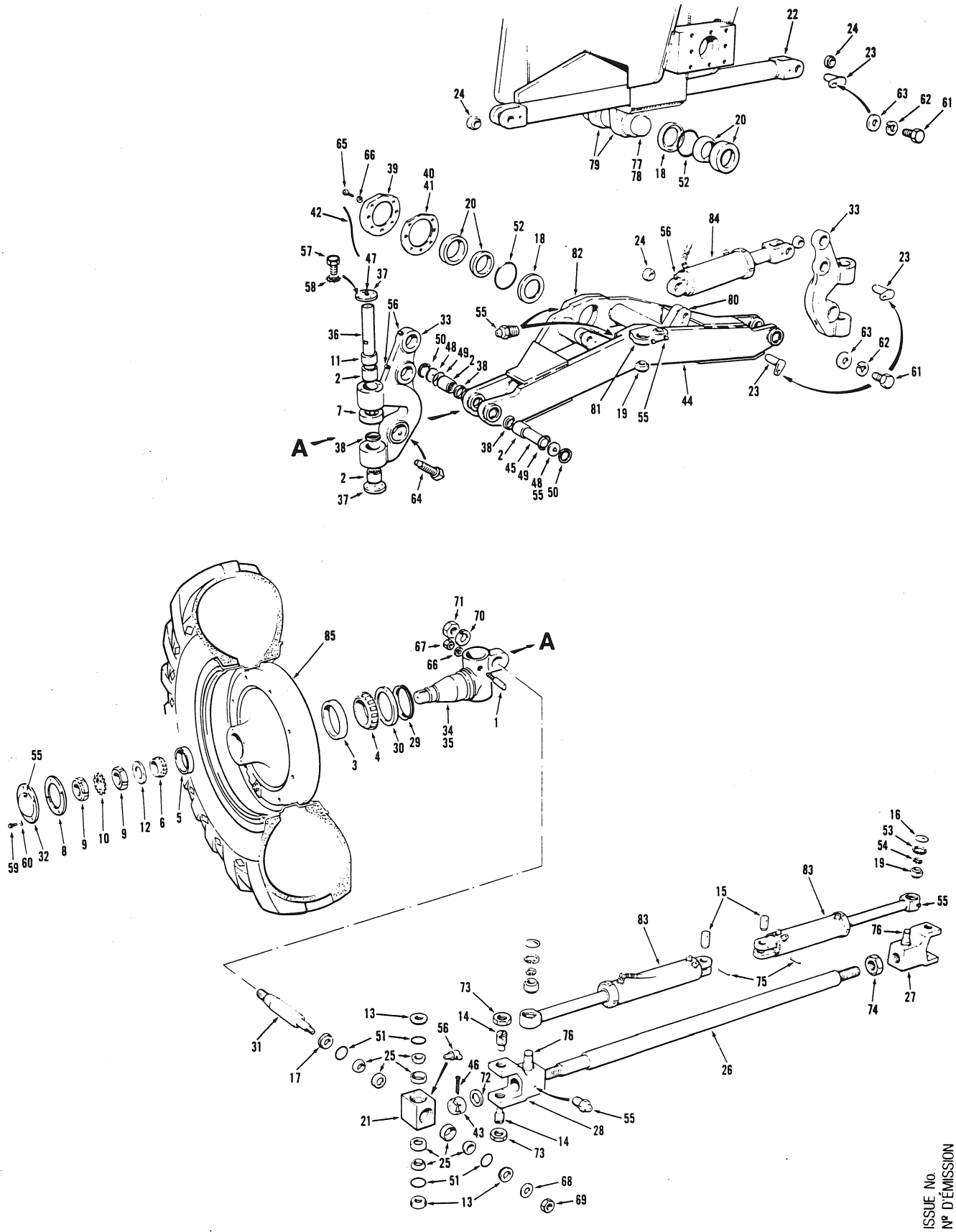
700 SERIES
SERIE 700

SECTION 1 PAGE 1
SECCION 1 PAGINA 1

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

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No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
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5	8143A	CUP - OUTER BEARING	2	
6	8143B	CONE - OUTER BEARING	2	
7	8144	THRUST BEARING	2	
8	8146	GASKET - HUB CAP	2	
9	8148	LOCKNUT	4	
10	8149	LOCKWASHER	2	
11	8180	NEEDLE BEARING	2	
12	9466	WASHER - WHEEL BEARING	2	
13	12903	BEARING RETAINER	6	
14	12904	ADJUSTMENT PIN	4	
15	12911	PIVOT PIN	2	
16	15258	EXPANSION PLUG	2	
17	17648	BEARING RETAINER	2	
18	18348	BACK-UP WASHER	2	
19	19629	RADIAL BEARING - 35mm	4	
20	19633	THRUST BEARING - 80mm	2	
21	*46611	PIVOT BLOCK	2	
22	24199	TIE BAR	1	
23	24207	BEARING PIN	4	
24	24210	RADIAL SPHERICAL BEARING - 35mm	6	
25	24213	ANGULAR CONTACT BEARING - 25mm	8	
26	24797	DRAG LINK	1	UP TO S/N 17795 U.S.2644-2
27	24798	YOKE - R.H.	1	
28	*46593	YOKE - L.H.	1	
29	24947	V-RING SEAL	2	
30	24948	BACK-UP RING	2	
31	25063	RADIUS ARM	2	
32	*46607	HUB CAP	2	
33	*46601	KNUCKLE	2	
34	27937	SPINDLE - R.H.	1	
35	27938	SPINDLE - L.H.	1	
36	27939	KING PIN	2	
37	*46610	PIN CAP	4	
38	27954	OIL SEAL	6	
39	35207	PIVOT CAP - AXLE	1	
40	35208	SHIM - .010"	A.R.	
41	35209	SHIM - .005"	A.R.	
42	35241 X 12	WIRE	1	
43	41980	AXLE FRAME - SINGLE	1	
44	41981	AXLE FRAME - DUAL	1	
45	42203	PIN	2	
46	41979	PIN CAP	4	UP TO S/N 16892 U.S.2419-2
47	19B-231	SNAP RING	4	
48	*46546	PIN CAP	4	S/N 16893 AND UP U.S.2420-2 AND UP
49	12A-228	O RING	4	
50	19B-262	SNAP RING	4	
51	12A-223	O RING	8	
52	12A-247	O RING	2	
53	*19B-262	SNAP RING	4	
54	19C-137	SNAP RING	2	
55	*28A-04	GREASE FITTING	13	
56	*28B-04	GREASE FITTING	12	
57	51A-0404	BOLT	16	
58	14J-04	STARWASHER	16	
59	50A-0506	BOLT	8	
60	14A-05	LOCKWASHER	8	
61	50A-0606	BOLT	4	
62	14A-06	LOCKWASHER	4	
63	14C-06	FLATWASHER	4	
64	70K-0832	SET SCREW	2	
65	50AA-0814	BOLT	7	
66	14A-08	LOCKWASHER	9	
67	31D-08	NUT	2	
68	14C-12	FLATWASHER	2	
69	37N-12	LOCKNUT	2	
70	14A-18	LOCKWASHER	2	
71	31A-18	NUT	2	
72	14D-20	FLATWASHER	1	
73	31D-20	JAM NUT	4	
74	37M-20	LOCKNUT	1	UP TO S/N 17795 U.S.2644-2
75	31D-28	JAM NUT	1	
76	*13C-0816	ROLL PIN	2	
77		STEERING CYLINDER	REF.	SECTION 1 PAGE 13/14
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79		4"DIA. LEANING WHEEL CYLINDER	REF.	PAGE 17/18
80		WHEELS & TIRES	REF.	SECTION 7 PAGE 5/6
81	12907-2	PIVOT STUD - STEERING CYLINDER	2	REPAIR PARTS
82	17058-14	PIN & LUG ASSEMBLY	1	
83	17058-38	PIN	1	
84	17058-39	LUG	2	
85	24200-6	LUG ASSEMBLY	1 or 2	
86	*46550	ANCHOR LUG - STEERING CYLINDER	1	
87	*46563	FRONT BEARING MOUNT - USED WITH ITEMS 39 TO 41	1	
	35005	REPAIR KIT - INCLUDES ITEMS 1 TO 8 11,16,19,20,24,25,29,30,38,51,52 & 76		
88	44188	CASTELLATED NUT	1	S/N 17796 AND UP U.S.2645-2
89	44365	DRAG LINK	1	
90	13A-0636	COTTER PIN	1	



CHAMPION ROAD MACHINERY

JANUARY 1991

FRONT AXLE - Models 710 thru 750A

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EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20719 & UP
EXCLUDING 20731

700 SERIES
SERIE 700

SECTION 1 PAGE 1
SECCION PAGINA

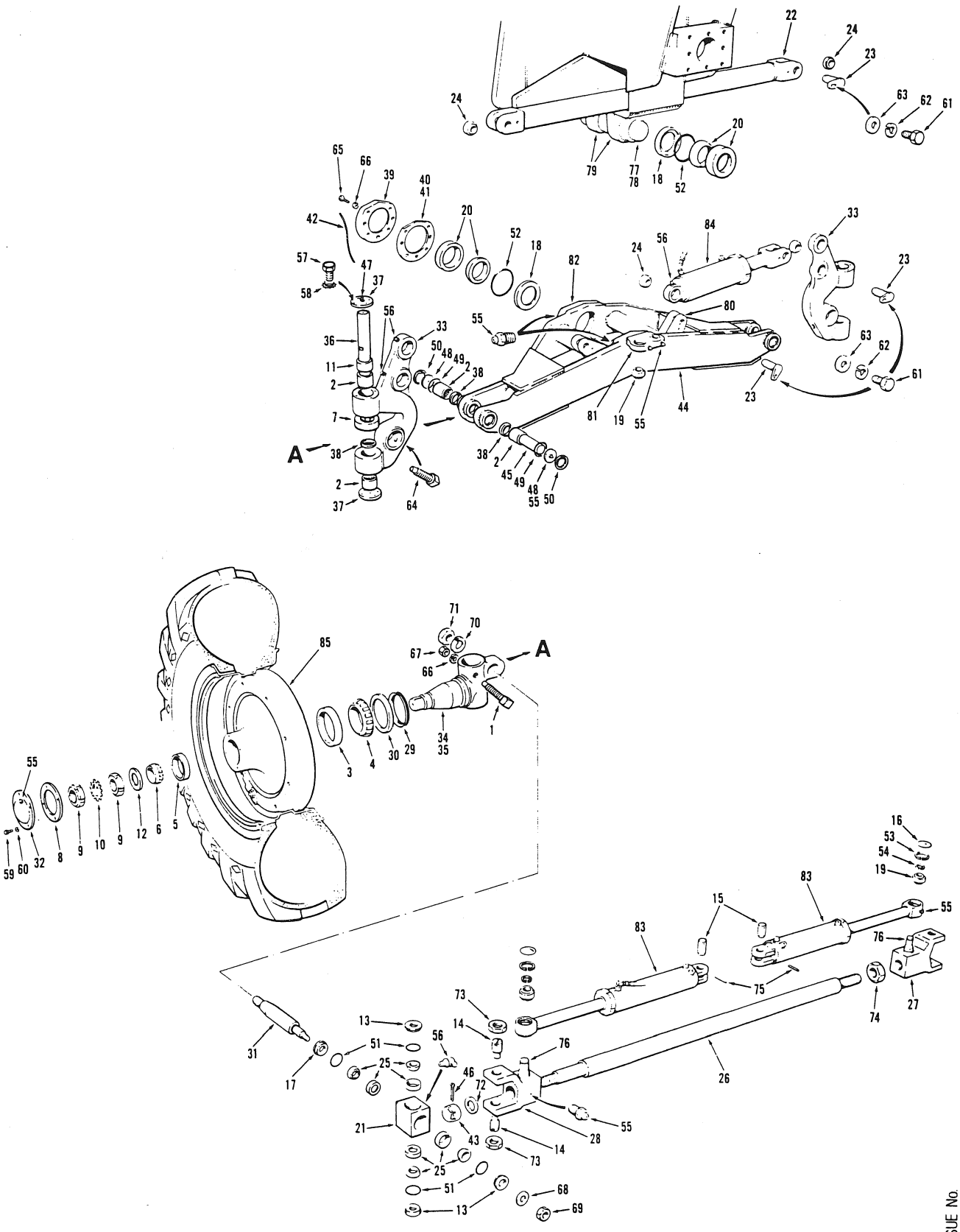
FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

FRONT AXLE - Models 710 thru 750A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	726	KEY PIN	2	
2	1487B	NEEDLE BEARING	8	
3	8142A	CUP - INNER BEARING	2	
4	8142B	CONE - INNER BEARING	2	
5	8143A	CUP - OUTER BEARING	2	
6	8143B	CONE - OUTER BEARING	2	
7	8144	THRUST BEARING	2	
8	8146	GASKET - HUB CAP	2	
9	8148	LOCKNUT	4	
10	8149	LOCKWASHER	2	
11	8180	NEEDLE BEARING	2	
12	9466	WASHER - WHEEL BEARING	2	
13	12903	BEARING RETAINER	6	
14	12904	ADJUSTMENT PIN	4	
15	12911	PIVOT PIN	2	
16	*15358	EXPANSION PLUG	2	
17	17648	BEARING RETAINER	2	
18	18348	BACK-UP WASHER	2	
19	19629	RADIAL BEARING - 35mm	4	
20	19633	THRUST BEARING - 80mm	2	
21	46611	PIVOT BLOCK	2	
22	24199	TIE-BAR	1	
23	24207	BEARING PIN	4	
24	24210	RADIAL SPHERICAL BEARING - 35mm	6	
25	24213	ANGULAR CONTACT BEARING - 25mm	8	
26	44365	DRAG LINK	1	
27	24798	YOKE - R.H.	1	
28	46593	YOKE - L.H.	1	
29	24947	V-RING SEAL	2	
30	24948	BACK-UP RING	2	
31	25063	RADIUS ARM	2	
32	*25243	HUB CAP	2	
33	*56715	KNUCKLE	2	
34	27937	SPINDLE - R.H.	1	
35	27938	SPINDLE - L.H.	1	
36	27939	KING PIN	2	
37	*56714	PIN CAP	4	
38	27954	OIL SEAL	6	
39	35207	PIVOT CAP - AXLE	1	
40	35208	SHIM - .010"	15	
41	35209	SHIM - .005"	15	
42	35241 x 12	WIRE	1	
43	44188	CASTELLATED NUT	1	
44	41981	AXLE FRAME - DUAL	1	
45	42203	PIN	2	
46	13A-0636	COTTER PIN	1	
47	*29A-02	GREASE FITTING	2	
48	46546	PIN CAP	4	
49	12A-228	O-RING	4	
50	19B-262	SNAP RING	4	
51	12A-223	O-RING	8	
52	12A-247	O-RING	2	
53	19B-262	SNAP RING	4	
54	19C-137	SNAP RING	2	
55	28A-04	GREASE FITTING	13	
56	28B-04	GREASE FITTING	10	
57	51A-0404	BOLT	12	
58	14J-04	STARWASHER	12	
59	50A-0506	BOLT	12	
60	14-05	LOCKWASHER	8	
61	50A-0606	BOLT	4	
62	14A-06	LOCKWASHER	4	
63	14C-06	FLATWASHER	4	
64	70K-0832	SET SCREW	2	
65	50AA-0814	BOLT	7	
66	14A-08	LOCKWASHER	11	
67	31D-08	NUT	2	
68	14C-12	FLATWASHER	2	
69	37N-12	LOCKNUT	2	
70	14A-18	LOCKWASHER	2	
71	31A-18	NUT	2	
72	14D-20	FLATWASHER	1	
73	31D-20	JAM NUT	4	
74	31D-28	JAM NUT	1	
75	13C-0816	ROLL PIN	2	
76	12907-2	PIVOT STUD - STEERING CYLINDER	2	Repair Parts
77	17058-14	PIN & LUG ASSEMBLY	1	Repair Parts
78	17058-38	PIN	1	Repair Parts
79	17058-39	LUG	2	Repair Parts
80	24200-6	LUG ASSEMBLY	2	Repair Parts
81	46550	ANCHOR LUG - STEERING CYLINDER	1	Repair Parts
82	46563	FRONT BEARING MOUNT - USED WITH ITEMS 39, 40 & 41	1	Repair Parts
83		STEERING CYLINDER	REF.	Sect 1 Pg 13
84		3" DIA. LEANING WHEEL CYLINDER	REF.	Sect 1 Pg 17
85		WHEELS & TIRES	REF.	Sect 7 Pg 5

FRONT AXLE - Models 710 thru 750A

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO



ISSUE No. 4
Nº D'ÉMISSION
Nº DE EDICION

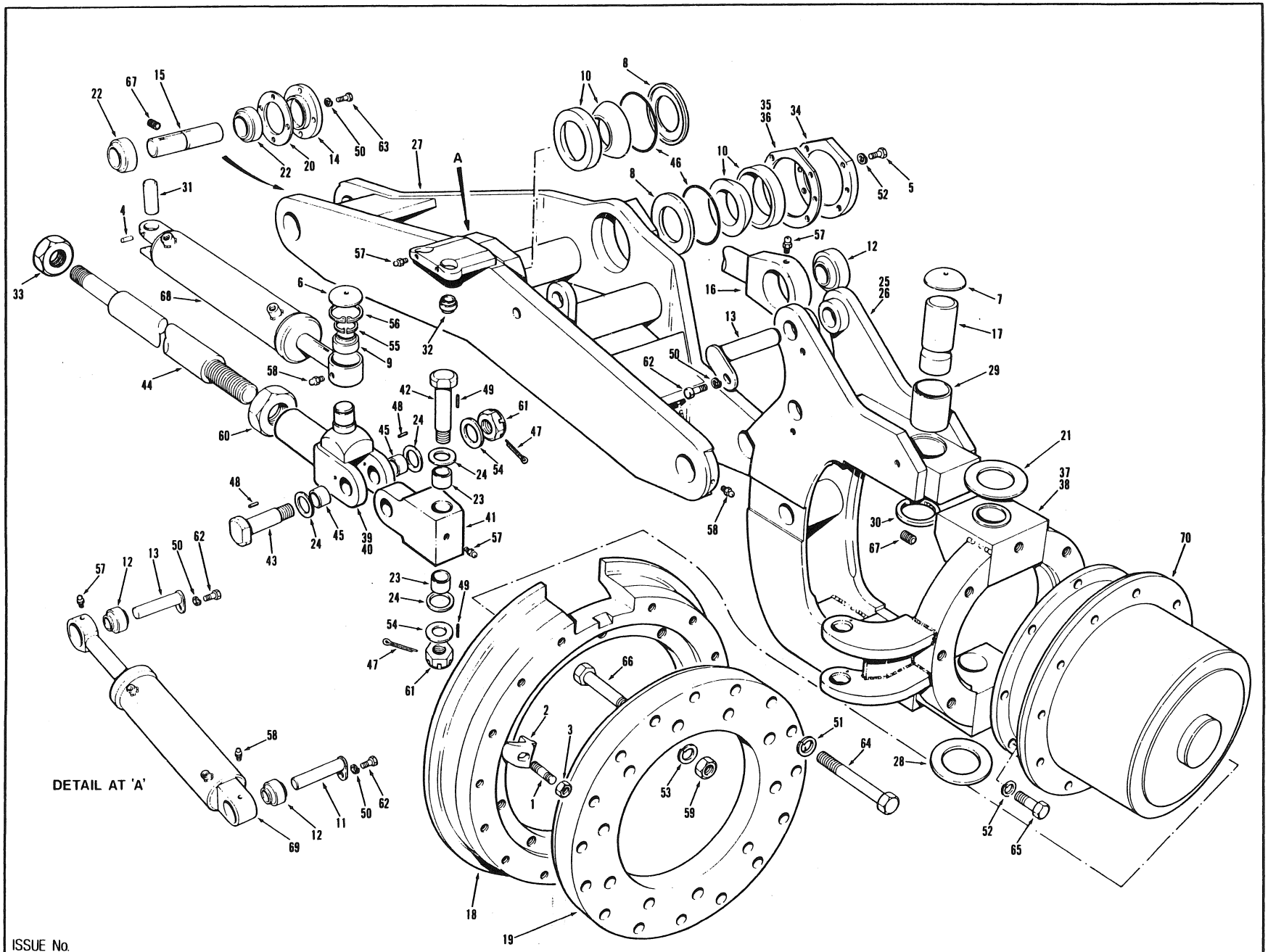
EFFECTIVE SERIAL NUMBER(S) 21450 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

SECTION / SECCION 1 | PAGE / PAGINA 2 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 4

FRONT AXLE - Models 710 thru 750A

MAY 1991

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	*70K-0824	KEY PIN	2	
2	1487B	NEEDLE BEARING	8	
3	8142A	CUP - INNER BEARING	2	
4	8142B	CONE - INNER BEARING	2	
5	8143A	CUP - OUTER BEARING	2	
6	8143B	CONE - OUTER BEARING	2	
7	8144	THRUST BEARING	2	
8	8146	GASKET - HUB CAP	2	
9	8148	LOCKNUT	4	
10	8149	LOCKWASHER	2	
11	8180	NEEDLE BEARING	2	
12	9466	WASHER - WHEEL BEARING	2	
13	12903	BEARING RETAINER	6	
14	12904	ADJUSTMENT PIN	4	
15	12911	PIVOT PIN	2	
16	*59030	EXPANSION PLUG	2	
17	17648	BEARING RETAINER	2	
18	18348	BACK-UP WASHER	2	
19	19629	RADIAL BEARING - 35mm	4	
20	19633	THRUST BEARING - 80mm	2	
21	46611	PIVOT BLOCK	2	
22	24199	TIE-BAR	1	
23	24207	BEARING PIN	4	
24	24210	RADIAL SPHERICAL BEARING - 35mm	6	
25	24213	ANGULAR CONTACT BEARING - 25mm	8	
26	44365	DRAG LINK	1	
27	24798	YOKE - R.H.	1	
28	46593	YOKE - L.H.	1	
29	24947	V-RING SEAL	2	
30	24948	BACK-UP RING	2	
31	25063	RADIUS ARM	2	
32	25243	HUB CAP	2	
33	*59355	KNUCKLE	2	
34	*59352	SPINDLE - R.H.	1	
35	*59351	SPINDLE - L.H.	1	
36	27939	KING PIN	2	
37	*59356	PIN CAP	4	
38	27954	OIL SEAL	6	
39	35207	PIVOT CAP - AXLE	1	
40	35208	SHIM - .010"	15	
41	35209	SHIM - .005"	15	
42	35241 x 12	WIRE	1	
43	44188	CASTELLATED NUT	1	
44	*48287	AXLE FRAME - DUAL	1	
45	42203	PIN	2	
46	13A-0636	COTTER PIN	1	
47	29A-02	GREASE FITTING	2	
48	46546	PIN CAP	4	
49	12A-228	O-RING	4	
50	19B-262	SNAP RING	4	
51	12A-223	O-RING	8	
52	12A-247	O-RING	2	
53	19B-262	SNAP RING	4	
54	19C-137	SNAP RING	2	
55	28A-04	GREASE FITTING	13	
56	28B-04	GREASE FITTING	10	
57	51A-0404	BOLT	12	
58	14J-04	STARWASHER	12	
59	50A-0506	BOLT	12	
60	14-05	LOCKWASHER	8	
61	50A-0606	BOLT	4	
62	14A-06	LOCKWASHER	4	
63	14C-06	FLATWASHER	4	
64	70K-0832	SET SCREW	2	
65	*50A-0814	BOLT	7	
66	14A-08	LOCKWASHER	11	
67	31D-08	NUT	2	
68	14C-12	FLATWASHER	2	
69	37N-12	LOCKNUT	2	
70	14A-18	LOCKWASHER	2	
71	31A-18	NUT	2	
72	14D-20	FLATWASHER	1	
73	31D-20	JAM NUT	4	
74	31D-28	JAM NUT	1	
75	13C-0816	ROLL PIN	2	
76	12907-2	PIVOT STUD - STEERING CYLINDER	2	Repair Parts
77	17058-14	PIN & LUG ASSEMBLY	1	Repair Parts
78	17058-38	PIN	1	Repair Parts
79	17058-39	LUG	2	Repair Parts
80	24200-6	LUG ASSEMBLY	2	Repair Parts
81	46550	ANCHOR LUG - STEERING CYLINDER	1	Repair Parts
82	46563	FRONT BEARING MOUNT	1	Repair Parts
		- USED WITH ITEMS 39, 40 & 41		
83		STEERING CYLINDER	REF.	Sect 1 Pg 13
84		3" DIA. LEANING WHEEL CYLINDER	REF.	Sect 1 Pg 17
85		WHEELS & TIRES	REF.	Sect 7 Pg 5



FRONT AXLE - ALL WHEEL DRIVE

OCTOBER 1984

ISSUE No.
Nº D'ÉMISSION
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FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

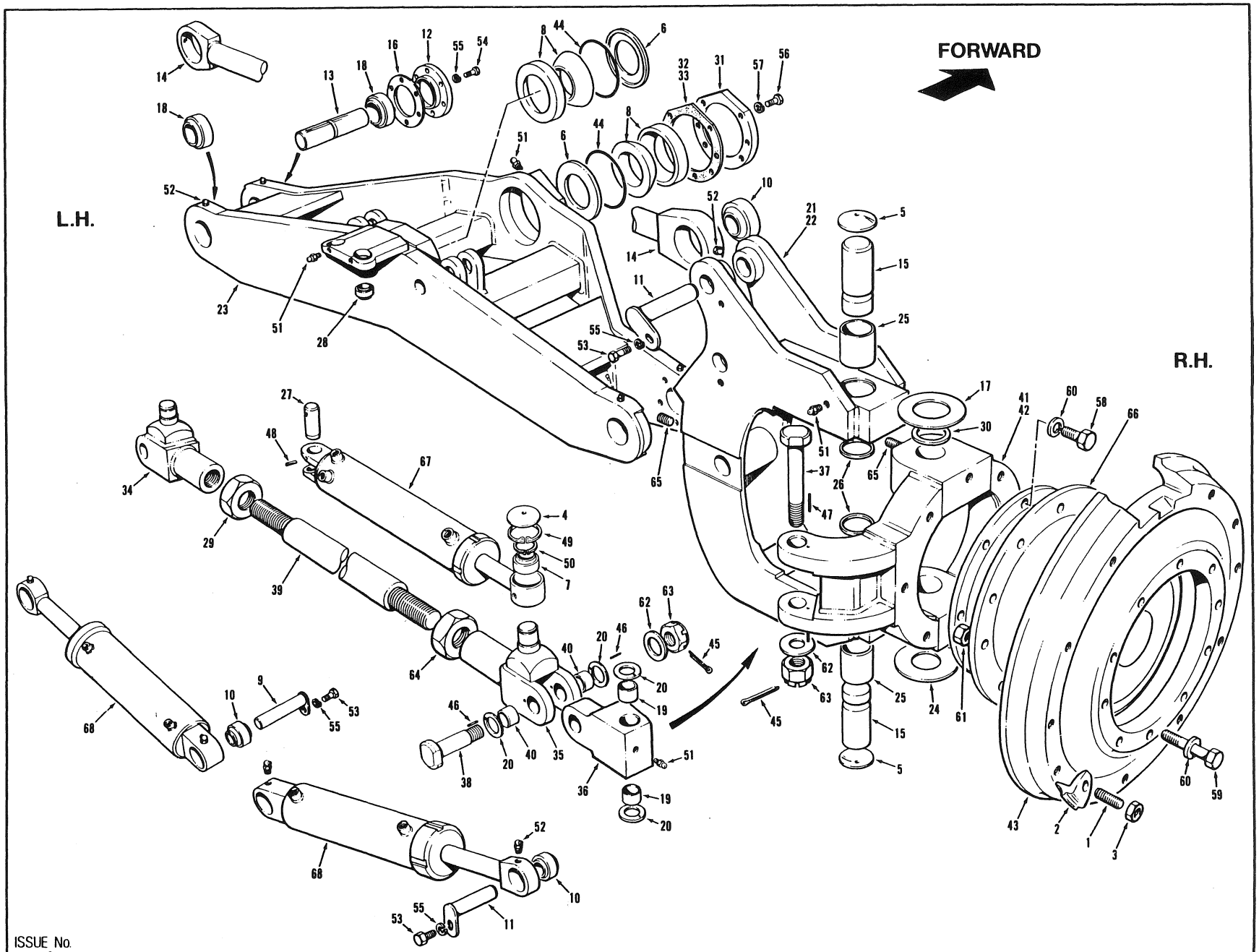
SECTION 1 PAGE 3
SECCION 1 PAGINA 3

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

FRONT AXLE - ALL WHEEL DRIVE

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	708	WHEEL STUD	30	
2	709	RIM CLAMP	30	
3	710	NUT	30	
4	13J-0816	ROLL PIN	2	
5	11999	BOLT	7	
6	15358	EXPANSION PLUG	2	
7	16507	EXPANSION PLUG	4	
8	18348	WASHER	2	
9	19629	BEARING	2	
10	19633	BEARING	2	
11	24207	BEARING PIN	2	
12	24210	BEARING	6	
13	30522	BEARING PIN	4	
14	30526	BEARING CAP	2	
15	30527	PIVOT PIN	2	
16	30528	TIE BAR	1	
17	30532	KING PIN	4	
18	30555	FRONT WHEEL	2	
19	30556	FLANGE	2	
20	30557	SHIM	6	
21	30560	THRUST PACK	2	
22	30561	BEARING	4	
23	30562	BUSHING	4	
24	30563	THRUST WASHER	8	
25	30586	KNUCKLE - R.H.	1	
26	30587	KNUCKLE - L.H.	1	
27	30590	FRONT AXLE	1	
28	30593	WASHER	2	
29	30594	BUSHING	4	
30	30697	SEAL	4	
31	30730	ANCHOR PIN	2	
32	30731	BEARING	2	
33	30955	JAM NUT - L.H.	1	
34	35207	CAP	1	
35	35208	SHIM - .010"	A.R.	
36	35209	SHIM - .005"	A.R.	
37	36235	HUB RING - L.H.	1	
38	36236	HUB RING - R.H.	1	
39	36241	YOKE - L.H.	1	
40	36242	YOKE - R.H.	1	
41	36243	PIVOT BLOCK	2	
42	36244	PIN	2	
43	36245	PIVOT PIN	2	
44	36246	DRAG LINK	1	
45	36261	BUSHING	4	
46	12A-247	O RING	2	
47	13A-0836	COTTER PIN	4	
48	13C-0509	ROLL PIN	4	
49	13C-0515	ROLL PIN	4	
50	14A-06	LOCKWASHER	14	
51	14A-08	LOCKWASHER	A.R.	
52	14A-10	LOCKWASHER	16	
53	14A-12	LOCKWASHER	20	
54	14D-18	FLATWASHER	4	
55	19C-137	SNAP RING	2	
56	19B-218	SNAP RING	2	
57	29A-02	GREASE FITTING	A.R.	
58	29B-02	GREASE FITTING	A.R.	
59	30A-12	NUT	20	
60	31D-28	JAM NUT	1	
61	31L-18	CASTLE NUT	4	
62	50A-0606	BOLT	6	
63	50A-0608	BOLT	8	
64	50A-0826	BOLT	A.R.	
65	50A-1012	BOLT	16	
66	50A-1226	BOLT	20	
67	70B-0808	SET SCREW	6	
68		STEERING CYLINDER & CIRCUIT - ALL WHEEL DRIVE	REF.	SECTION 1 PAGE 15/16
69		LEANING WHEEL CYLINDER & CIRCUIT - ALL WHEEL DRIVE	REF.	SECTION 1 PAGE 19/20
70		PLANETARY REDUCTION UNIT - ALL WHEEL DRIVE	REF.	SECTION 1 PAGE 5/6



EFFECTIVE SERIAL NUMBER(S) 16939 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2419-2 & UP

700 SERIES
SERIE 700

SECTION 1 PAGE 3
SECCION 1 PAGINA 3

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION B

FRONT AXLE - ALL WHEEL DRIVE

FEBRUARY 1988

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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

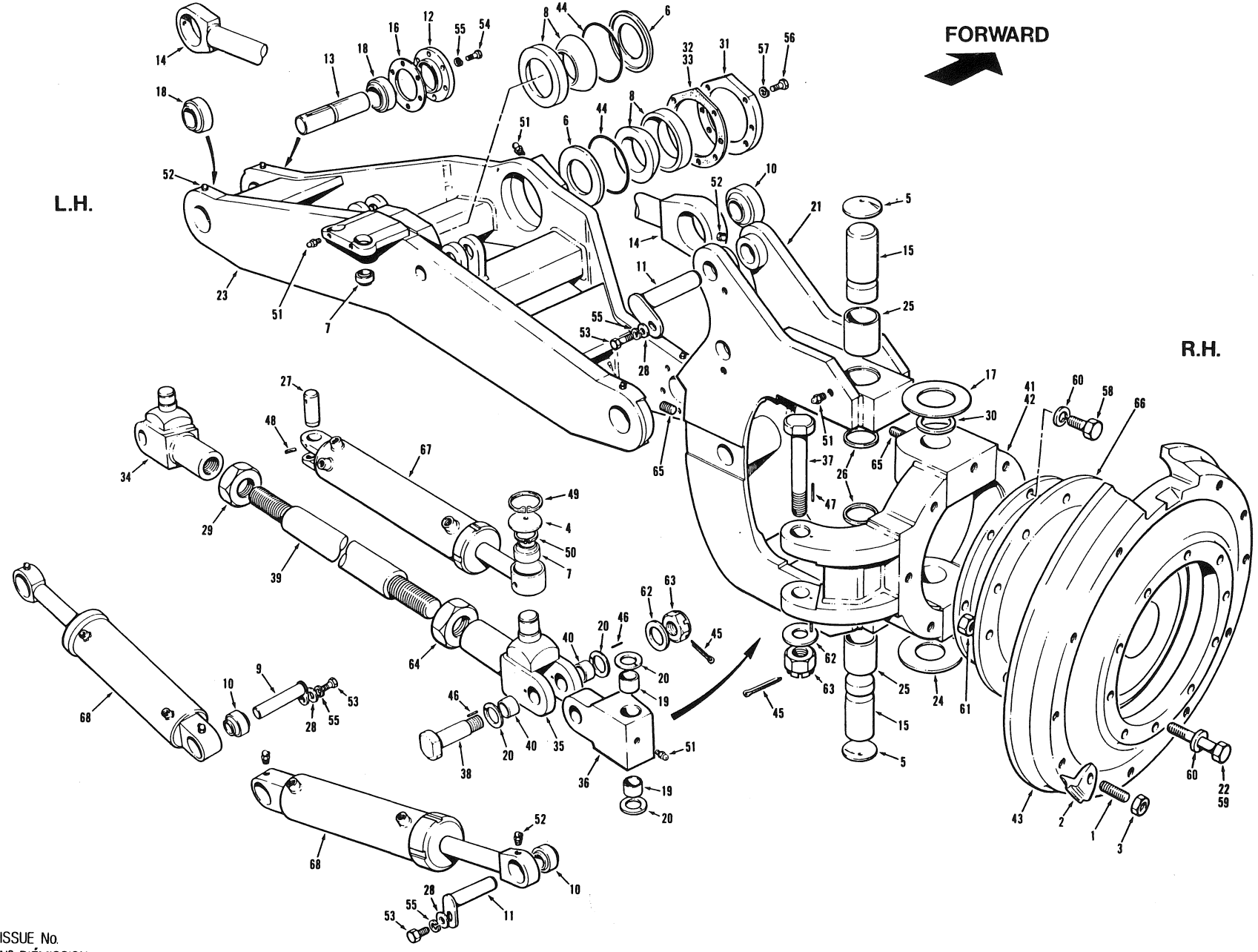
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

SECTION / SECCION 1 | PAGE / PAGINA 4 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 2 REVISION B

FRONT AXLE - ALL WHEEL DRIVE

FEBRUARY 1988

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	708	WHEEL STUD	22	
2	709	RIM CLAMP	22	
3	710	NUT	22	
4	15358	EXPANSION PLUG	2	
5	16507	EXPANSION PLUG	4	
6	18348	WASHER	2	
7	19629	BEARING	2	
8	19633	BEARING	2	
9	24207	BEARING PIN	2	
10	24210	BEARING	6	
11	30522	BEARING PIN	4	
12	30526	BEARING CAP	2	
13	30527	PIVOT PIN	2	
14	30528	TIE BAR	1	
15	30532	KING PIN	4	
16	30557	SHIM	6	
17	30560	THRUST PACK	2	
18	30561	BEARING	4	
19	30562	BUSHING	4	
20	30563	THRUST WASHER	8	
21	*46738	KNUCKLE - R.H. & L.H.	2	SERIAL NO. 17040, 17051 & UP.
22	30587	KNUCKLE - L.H. ONLY	1	TO SERIAL NO. 17028
23	*46725	FRONT AXLE	1	
24	30593	WASHER	2	
25	30594	BUSHING	4	
26	30697	SEAL	4	
27	30730	ANCHOR PIN	2	
28	30731	BEARING	2	
29	30955	JAM NUT	1	
30	30961	SPACER	2	
31	35207	CAP	1	
32	35208	SHIM - .010"	5	
33	35209	SHIM - .005"	5	
34	36241	YOKE - L.H.	1	
35	36242	YOKE - R.H.	1	
36	*46734	PIVOT BLOCK	2	
37	36244	PIN	2	
38	36245	PIVOT PIN	2	
39	36246	DRAG LINK	1	
40	36261	BUSHING	4	
41	41411	HUB RING - L.H.	1	
42	41412	HUB RING - R.H.	1	
43	42081	FRONT WHEEL	2	
44	12A-247	O RING	2	
45	13A-0840	COTTER PIN	4	
46	*13C-0509	ROLL PIN	4	
47	*13C-0515	ROLL PIN	4	
48	13J-0816	ROLL PIN	2	
49	19B-218	SNAP RING - INTERNAL	2	
50	19C-137	SNAP RING - EXTERNAL	2	
51	*28A-04	GREASE FITTING	10	
52	*28B-04	GREASE FITTING	8	
53	50A-0606	BOLT	6	
54	50A-0608	BOLT	8	
55	14A-06	LOCKWASHER	14	
56	50AA-0814	BOLT	7	
57	14A-08	LOCKWASHER	7	
58	50A-1012	BOLT	16	
59	50A-1028	BOLT	20	
60	14A-10	LOCKWASHER	36	
61	30A-10	NUT	20	
62	14D-18	FLATWASHER	4	
63	31L-18	CASTLE NUT	4	
64	31D-28	JAM NUT	1	
65	70B-0808	SET SCREW	6	
66		PLANETARY REDUCTION UNIT - ALL WHEEL DRIVE	REF.	SECTION 1 PAGE 5/6
67		STEERING CYLINDER & CIRCUIT - ALL WHEEL DRIVE	REF.	SECTION 1 PAGE 15/16
68		LEANING WHEEL CYLINDER & CIRCUIT - ALL WHEEL DRIVE	REF.	SECTION 1 PAGE 19/20



EFFECTIVE SERIAL NUMBER(S) 21398 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S) EXCLUDING 21405, 21406, 21419 &21420
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 1 PAGE 3
SECCION 1 PAGINA 3

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

FRONT AXLE - ALL WHEEL DRIVE

JUNE 1991

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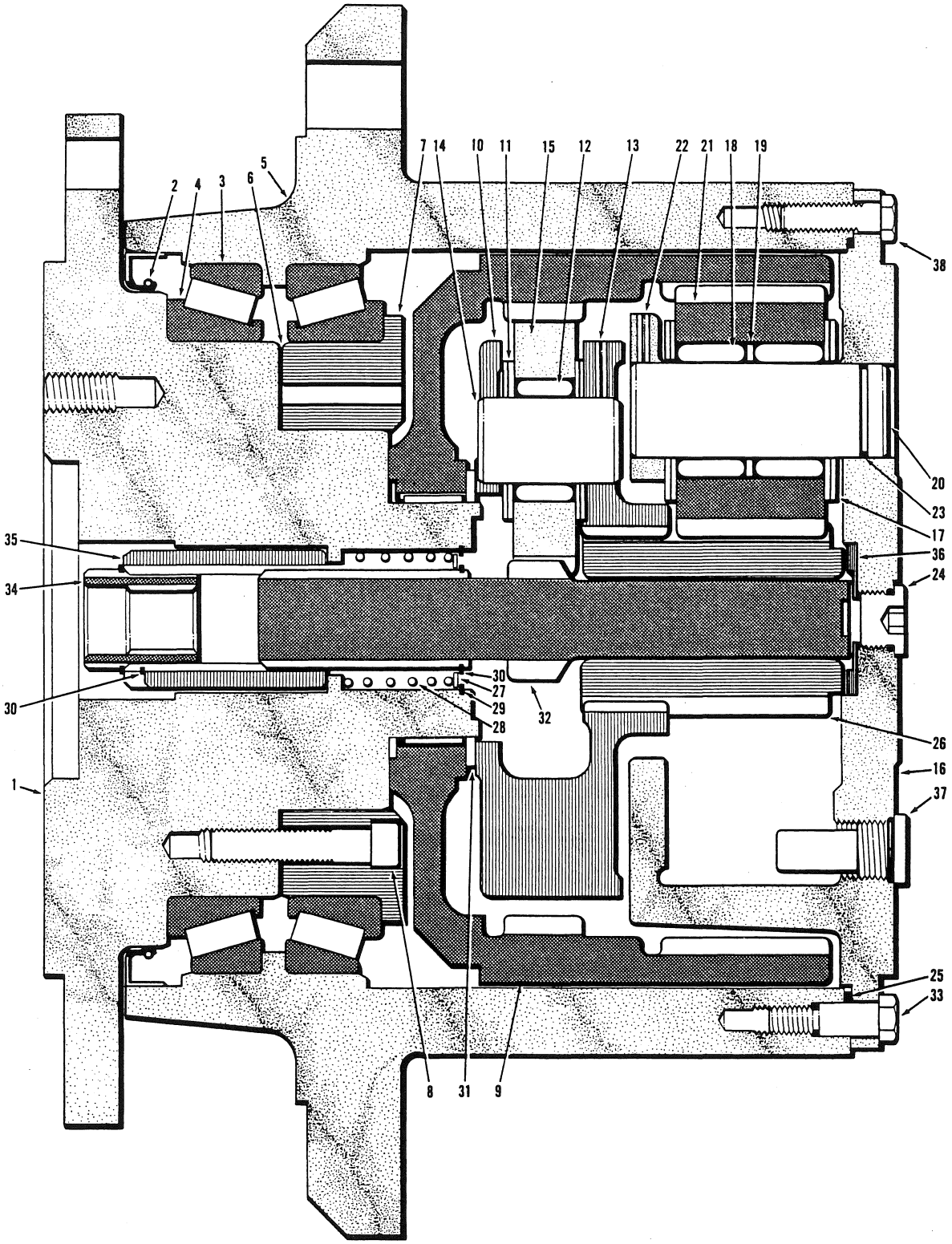
USE ONLY CHAMPION APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

FRONT AXLE - ALL WHEEL DRIVE

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	708	WHEEL STUD	22	
2	709	RIM CLAMP	22	
3	710	NUT	22	
4	*58094	EXPANSION PLUG	2	
5	16507	EXPANSION PLUG	4	
6	18348	WASHER	2	
7	19629	BEARING	2	
8	19633	BEARING	2	
9	*48497	BEARING PIN	2	
10	24210	BEARING	6	
11	30522	BEARING PIN	4	
12	30526	BEARING CAP	2	
13	30527	PIVOT PIN	2	
14	30528	TIE BAR	1	
15	30532	KING PIN	4	
16	30557	SHIM	6	
17	30560	THRUST PACK	2	
18	30561	BEARING	4	
19	30562	BUSHING	4	
20	30563	THRUST WASHER	8	
21	46738	KNUCKLE - R.H. & L.H.	2	
22	*50A-1020	BOLT	20	Oil Disc Brakes
23	*48510	FRONT AXLE	1	
24	30593	WASHER	2	
25	30594	BUSHING	4	
26	30697	SEAL	4	
27	*12911	ANCHOR PIN	2	
28	*14C-06	FLATWASHER	6	
29	30955	JAM NUT	1	
30	30961	SPACER	2	
31	35207	CAP	1	
32	35208	SHIM - .010"	5	
33	35209	SHIM - .005"	5	
34	36241	YOKE - L.H.	1	
35	36242	YOKE - R.H.	1	
36	46734	PIVOT BLOCK	2	
37	36244	PIN	2	
38	36245	PIVOT PIN	2	
39	36246	DRAG LINK	1	
40	36261	BUSHING	4	
41	41411	HUB RING - L.H.	1	
42	41412	HUB RING - R.H.	1	
43	42081	FRONT WHEEL	2	
44	12A-247	O-RING	2	
45	13A-0840	COTTER PIN	4	
46	13C-0509	ROLL PIN	4	
47	13C-0515	ROLL PIN	4	
48	13J-0816	ROLL PIN	2	
49	*19B-244	SNAP RING - INTERNAL	2	
50	19C-137	SNAP RING - EXTERNAL	2	
51	28A-04	GREASE FITTING	10	
52	28B-04	GREASE FITTING	8	
53	50A-0606	BOLT	6	
54	50A-0608	BOLT	8	
55	14A-06	LOCKWASHER	14	
56	*50A-0814	BOLT	7	
57	14A-08	LOCKWASHER	7	
58	50A-1012	BOLT	16	
59	50A-1028	BOLT	20	DUAL BRAKE
60	14A-10	LOCKWASHER	36	
61	30A-10	NUT	20	
62	14D-18	FLATWASHER	4	
63	31L-18	CASTLE NUT	4	
64	31D-28	JAM NUT	1	
65	70B-0808	SET SCREW	6	
66		PLANETARY REDUCTION UNIT - A.W.D.	REF.	Sect.1 Pg 5
67		STEERING CYLINDER & CIRCUIT - A.W.D.	REF.	Sect 1 Pg 15
68		LEANING WHEEL CYLINDER & CIRCUIT - A.W.D.	REF.	Sect 1 Pg 19

CHAMPION ROAD MACHINERY



OCTOBER 1984

PLANETARY REDUCTION UNIT - ALL WHEEL DRIVE

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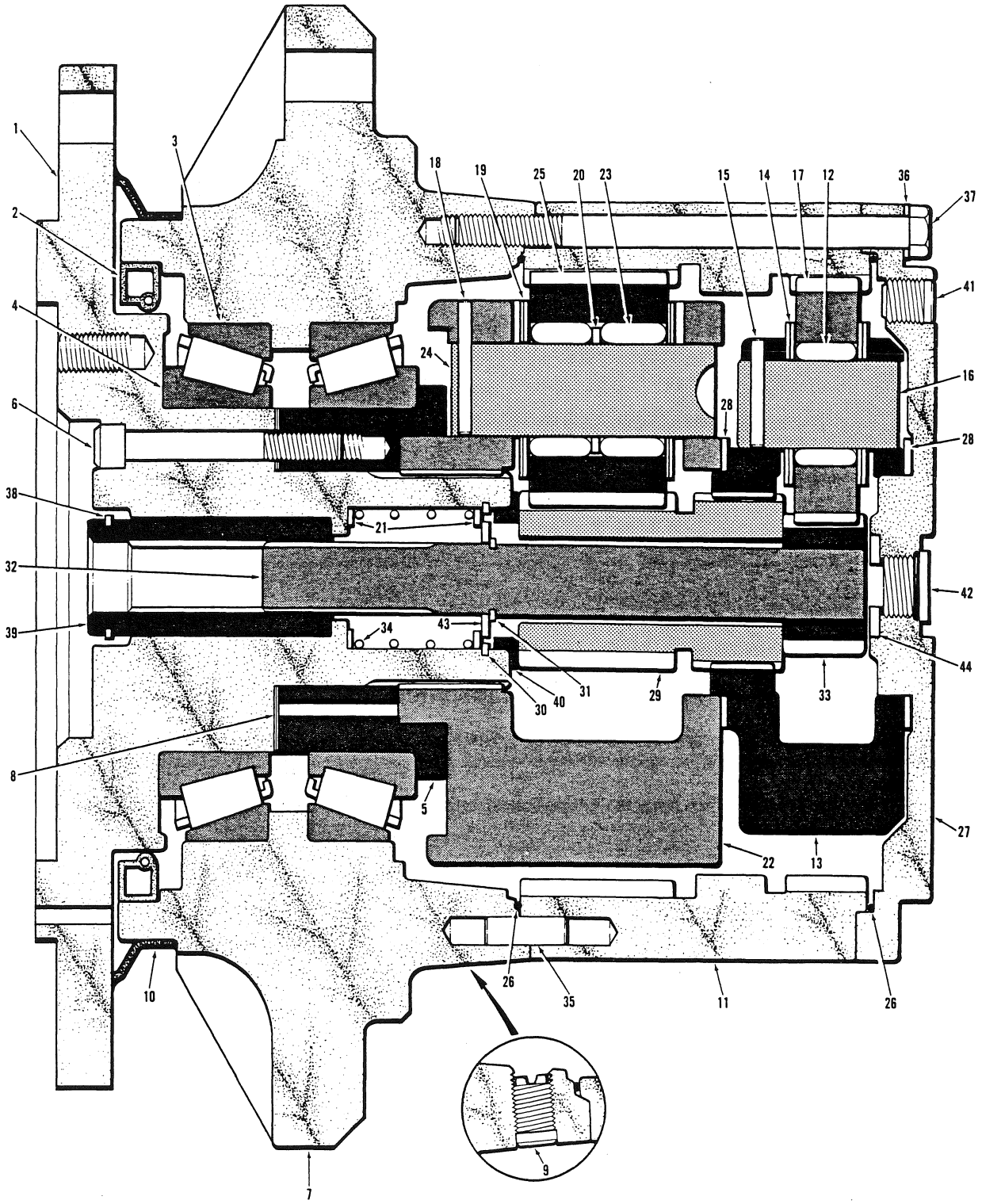
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PLANETARY REDUCTION UNIT - ALL WHEEL DRIVE

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	30719	PLANETARY REDUCTION UNIT - INCLUDES ITEMS 1 TO 38	2	
	30842	HUB & SPINDLE ASSEMBLY - INCLUDES ITEMS 1 TO 8	1	
1	30843	SPINDLE	1	
2	30844	SEAL	1	
3	30845	CUP	2	
4	30846	CONE	2	
5	30847	HUB	1	
6	30848	SHIM SET	1	
7	30849	BEARING CARRIER	1	
8	30850	CAPSCREW	12	
9	30851	INTERNAL GEAR	1	
	30852	INPUT CARRIER ASSY. - INCLUDES ITEMS 10 TO 15	1	
10	30853	INPUT CARRIER	1	
11	30854	THRUST WASHER	12	
12	30855	NEEDLE BEARING	57	
13	30856	DOWEL PIN	3	
14	30857	SHAFT	3	
15	30858	GEAR	3	
	30859	OUTPUT CARRIER ASSY. - INCLUDES ITEMS 16 TO 24	1	
16	30860	OUTPUT CARRIER	1	
17	30861	THRUST WASHER	12	
18	30862	NEEDLE BEARING	108	
19	30863	SPACER	3	
20	30864	SHAFT	3	
21	30865	GEAR	3	
22	30866	DOWEL PIN	3	
23	30867	O RING	3	
24	30868	PIPE PLUG	1	
25	30869	O RING	1	
26	30870	GEAR - 2nd STAGE	1	
27	30871	WASHER	1	
28	30872	SPRING	1	
29	30873	RETAINING RING	1	
30	30874	RETAINING RING	2	
31	30875	THRUST WASHER	1	
32	30876	INPUT GEAR	1	
33	30877	BOLT	4	
34	30878	ADAPTER	1	
35	30879	COUPLING	1	
36	30880	THRUST WASHER	1	
37	30899	PIPE PLUG - C/W DOWEL PIN	1	
38	50A-0610	BOLT	8	

CHAMPION ROAD MACHINERY



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PLANETARY REDUCTION UNIT - ALL WHEEL DRIVE

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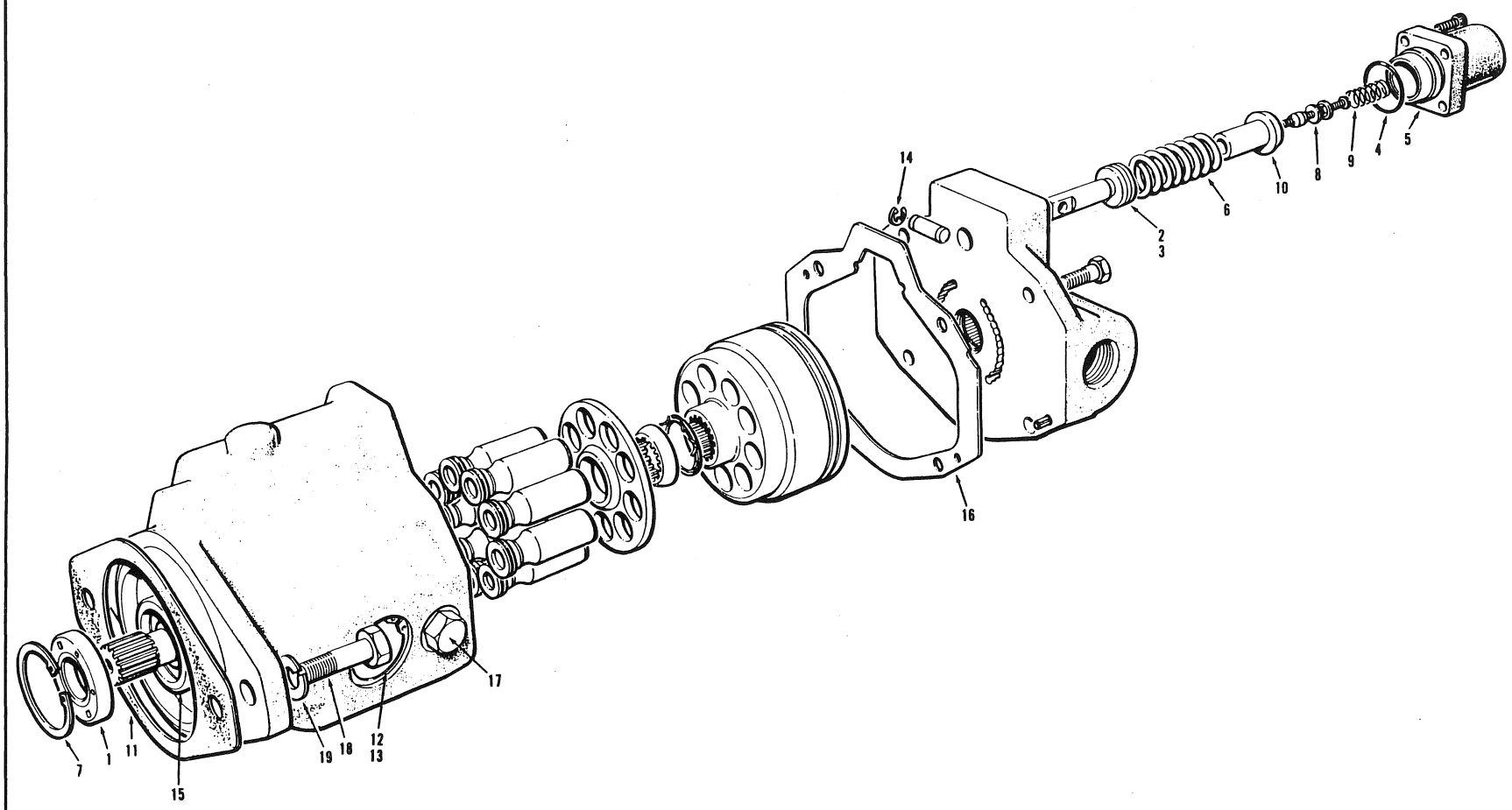
PLANETARY REDUCTION UNIT - ALL WHEEL DRIVE

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	*42198	PLANETARY REDUCTION UNIT - INCLUDES ITEMS 1 TO 44	2	
	*44047	HUB & SPINDLE ASSEMBLY - INCLUDES ITEMS 1 TO 11	1	
1	*44058	SPINDLE	1	
2	*44059	SEAL	1	
3	*44060	CUP	2	
4	*44061	CONE	2	
5	*44062	BEARING CARRIER	1	
6	*44063	BOLT	8	
7	*44064	HUB	1	
8	*44065	SHIM SET	1	
9	*44066	MAGNETIC PLUG	2	
10	*44067	SEAL BOOT	1	
11	*44068	INTERNAL GEAR	1	
	*44048	INPUT CARRIER ASSY. - INCLUDES ITEMS 12 TO 17	1	
12	30855	NEEDLE BEARING	57	
13	*44069	INPUT CARRIER	1	
14	*44070	THRUST WASHER	12	
15	*44071	DOWEL PIN	3	
16	*44072	SHAFT	3	
17	*44073	GEAR	3	
	*44049	OUTPUT CARRIER ASSY. - INCLUDES ITEMS 18 TO 24	1	
18	30856	DOWEL PIN	3	
19	30861	THRUST WASHER	12	
20	30863	SPACER	3	
21	30871	WASHER	2	
22	*44074	OUTPUT CARRIER	1	
23	*44075	NEEDLE BEARING	108	
24	*44076	SHAFT	3	
25	*44077	GEAR	3	
26	*44078	O-RING	2	
27	*44079	COVER	1	
28	*44080	THRUST WASHER	2	
29	*44081	GEAR - 2nd STAGE	1	
30	*44082	RETAINING RING	1	
31	*44083	RETAINING RING	1	
32	*44084	INPUT SHAFT	1	
33	*44085	INPUT GEAR	1	
34	*44086	SPRING	1	
35	*44087	DOWEL PIN	2	
36	*44088	LOCKWASHER	20	
37	*44089	BOLT	20	
38	*44090	RETAINING RING	1	
39	*44091	COUPLING	1	
40	*44092	THRUST SPACER	1	
41	*44093	PIPE PLUG	2	
42	*44094	O-RING PIPE PLUG	1	
43	*44095	THRUST WASHER	1	
44	*44096	SPACER	1	

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WHEEL MOTOR ASSEMBLY - ALL WHEEL DRIVE

OCTOBER 1989

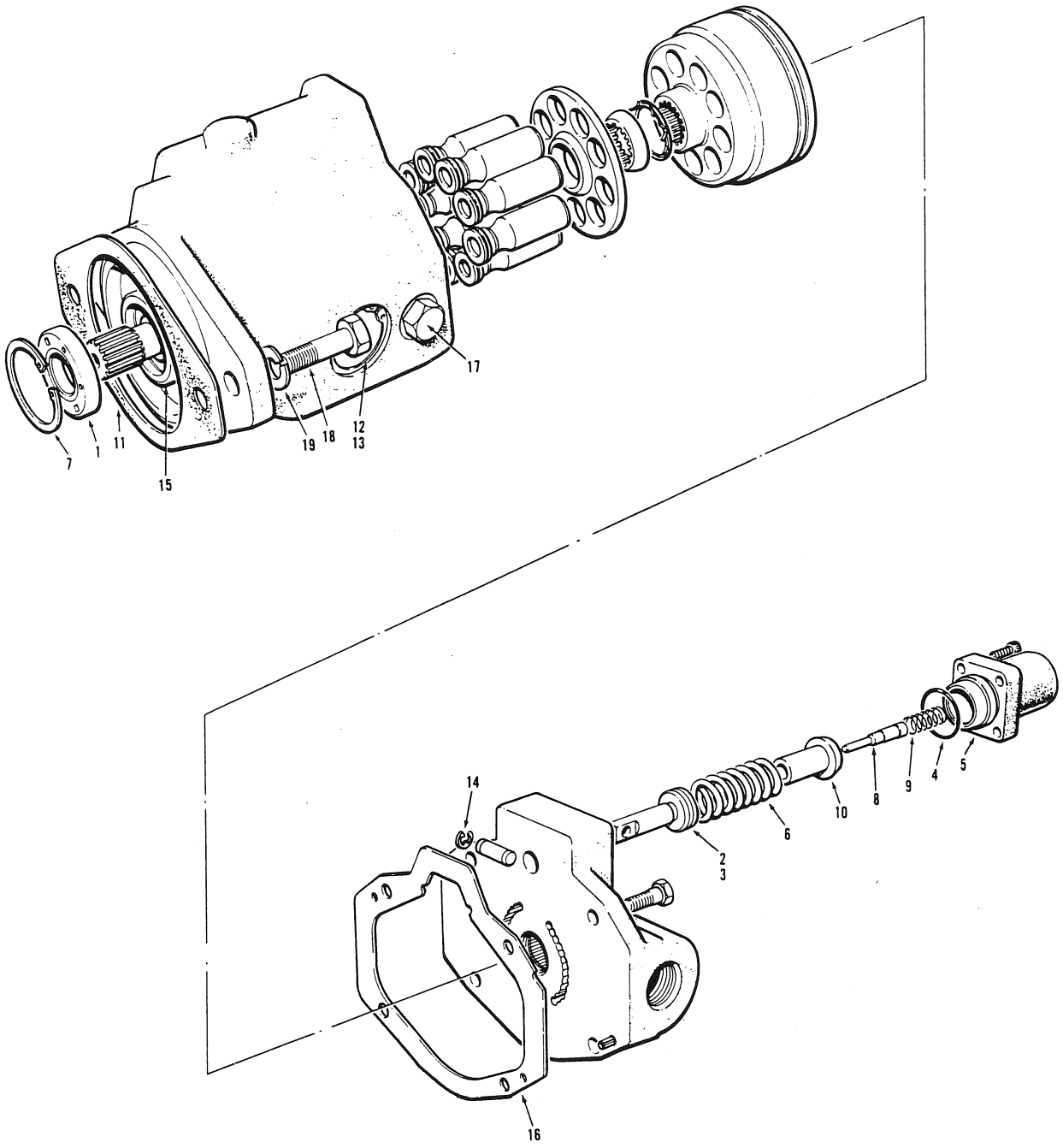
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WHEEL MOTOR ASSEMBLY - ALL WHEEL DRIVE

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	30702	WHEEL MOTOR ASSEMBLY	2	
1	30881	SHAFT SEAL	1	
2	30882	O RING	1	
3	30883	WIPER	1	
4	30884	O RING	1	
5	30885	HOUSING - STROKE PISTON	1	
6	30886	SPRING	1	
7	30887	RETAINING RING	1	
8	30888	POPPET ASSEMBLY - INCLUDES POPPET, SCREW & NUT	1	
9	30889	SPRING	1	
10	30890	STOP - STROKE PISTON	1	
11	30718	GASKET	2	
	*54953	REPAIR KIT C/W ITEMS 1, 2, 3, 7, 12 TO 16	1	
*12		O RING	2	
*13		RETAINING RING	2	
*14		RETAINING RING	2	
*15		RETAINING RING	1	
16	*54725	GASKET	1	
17	*54954	PLUG C/W O RING	1	
18	50A-0812	BOLT	4	
19	14A-08	LOCKWASHER	4	

CHAMPION ROAD MACHINERY



WHEEL MOTOR ASSEMBLY - ALL WHEEL DRIVE

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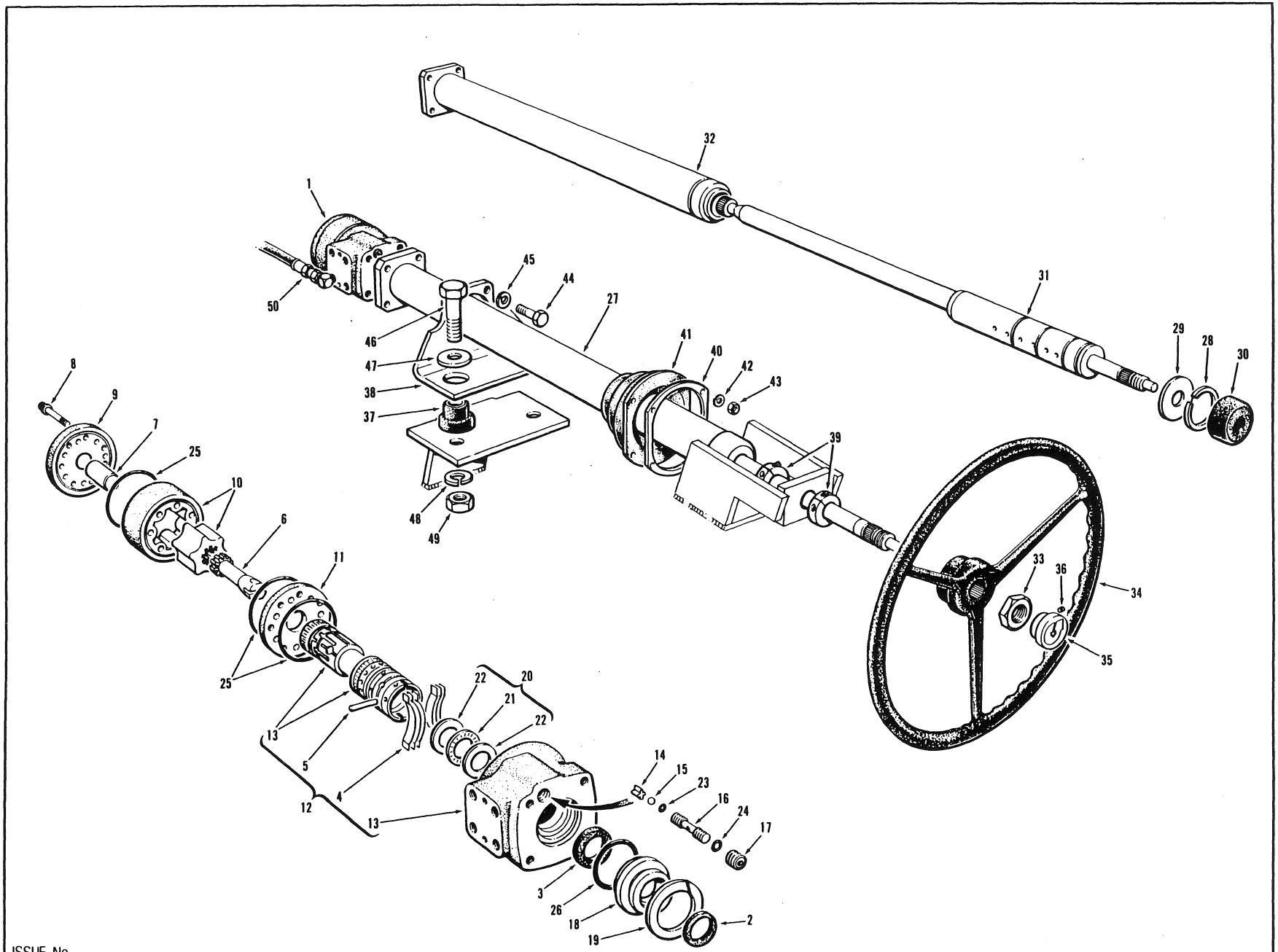
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WHEEL MOTOR ASSEMBLY - ALL WHEEL DRIVE

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	*59306	**WHEEL MOTOR ASSEMBLY**	2	
	54953	**REPAIR KIT FOR 59306 - WHEEL MOTOR ASSEMBLY**	1 per	
		- INCLUDES ITEMS 1, 2, 3, 7, 12 to 16	1	
1	30881	SHAFT SEAL	1	
2	30882	O-RING	1	
3	30883	WIPER	1	
4	30884	O-RING	1	
5	30885	HOUSING - STROKE PISTON	1	
6	30886	SPRING	1	
7	30887	RETAINING RING	1	
8	*58859	POPPET ASSEMBLY	1	
9	30889	SPRING	1	
10	30890	STOP - STROKE PISTON	1	
11	30718	GASKET	2	
12		O-RING	2	
13		RETAINING RING	2	
14		RETAINING RING	2	
15		RETAINING RING	1	
16	54725	GASKET	1	
17	54954	PLUG C/W O-RING	1	
18	50A-0812	BOLT	4	
19	14A-08	LOCKWASHER	4	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS



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STEERING UNIT & COLUMN

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STEERING UNIT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	26216	STEERING CONTROL UNIT ASSY. - INCLUDES ITEMS 2 TO 26	1	
2	15278	OIL SEAL	1	
3	15280	QUAD RING SEAL	1	
4	15288	CENTERING SPRING	6	
5	15294	PIN	1	
6	15295	DRIVE	1	
7	15298	SPACER	1	
8	15301	CAPSCREW	7	
9	26217	END CAP	1	
10	26218	GEAR SET	1	
11	26219	SPACER PLATE	1	
12	26220	CONTROL ASSY. - INCLUDES ITEMS 4,5 & 13	1	
		HOUSING } MATCHED SET-		
13		CONTROL SLEEVE } SUPPLIED ONLY	1	
		CONTROL SPOOL } WITH ITEM 12		
14	26221	CHECK BALL RETAINER	1	
15	26222	CHECK BALL	1	
16	26223	CHECK BALL SEAT	1	
17	26224	SET SCREW	1	
18	26225	SEAL GLAND BUSHING	1	
19	26226	RETAINING RING	1	
20	26227	NEEDLE BEARING KIT- C/W ITEMS 21 & 22	1	
21		NEEDLE THRUST BEARING } SUPPLIED ONLY	1	
22		BEARING RACE } WITH ITEM 20	2	
23	12A-011	O RING	1	
24	12A-110	O RING	1	
25	12A-040	O RING	3	
26	12A-225	O RING	1	
	26228	SEAL KIT - INCLUDES ITEMS 2,3 & 23 TO 26		

STEERING COLUMN

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
27	28649	STEERING COLUMN ASSY. - INCLUDES ITEMS 28 TO 32	1	
28	26211	RETAINING RING	1	
29	26212	THRUST WASHER	1	
30	26215	DUST CAP	1	
31		SHAFT ASSY. } SUPPLIED ONLY	1	
32		TUBE FLANGE/BEARING ASSY. } WITH ITEM 27	1	
33	12406	NUT	1	
34	12890	STEERING WHEEL	1	
35	28831	BRASS KNOB	1	
36	72E-0808	SETSCREW	1	

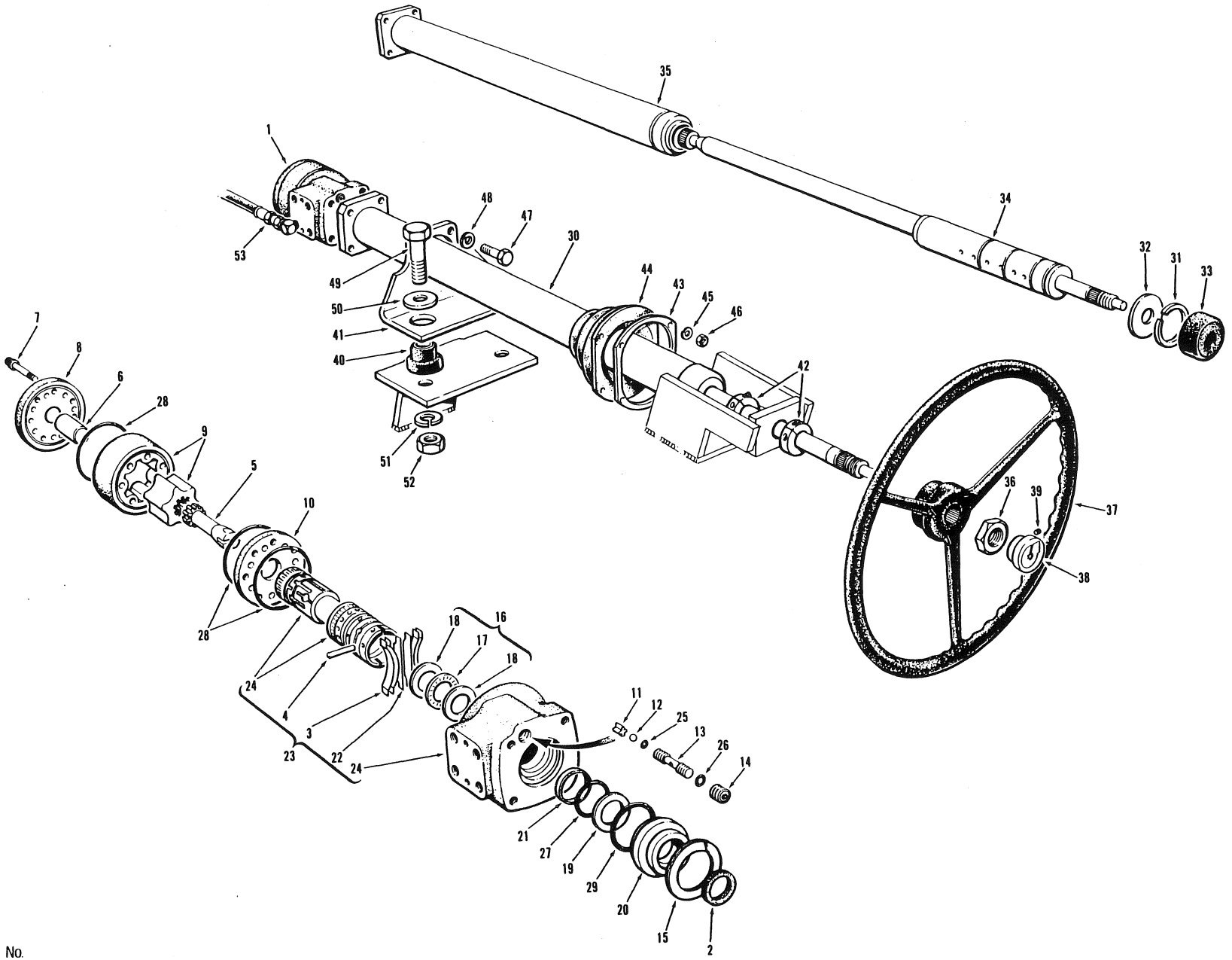
STEERING INSTALLATION

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
37	12375	RUBBER MOUNT	2	
38	17696	MOUNTING BRACKET	1	
39	28668	CLAMPING COLLAR	2	
40	28894	FLANGE	1	
41	28913	BOOT	1	
42	14A-04	LOCKWASHER	4	
43	30A-04	NUT	4	
44	50A-0610	BOLT	4	
45	14A-06	LOCKWASHER	4	
46	50A-1018	BOLT	2	
47	14C-10	FLATWASHER	2	
48	14A-10	LOCKWASHER	2	
49	30A-10	NUT	2	
50		STEERING CYLINDER & CIRCUIT	REF.	SECTION 1 PAGES 11, 13 & 15

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700 SERIES
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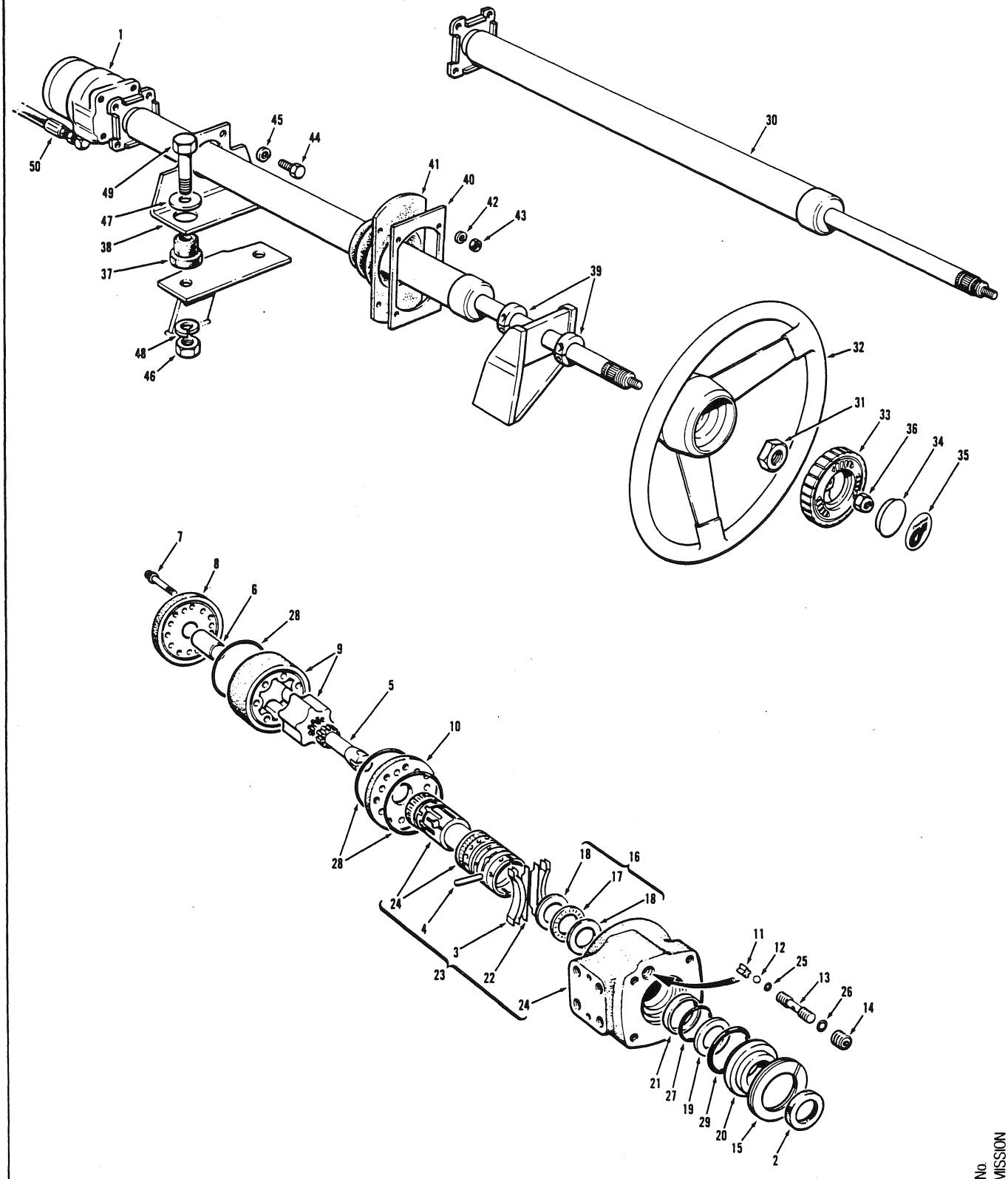
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No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	42287	STEERING CONTROL UNIT ASSY. - INCLUDES ITEMS 2 TO 29		
2	15278	OIL SEAL	1	
3	*15288	CENTERING SPRING	6	
4	15294	PIN	1	
5	15295	DRIVE	1	
6	15298	SPACER	1	
7	15301	CAPSCREW	7	
8	26217	END CAP	1	
9	26218	GEAR SET	1	
10	26219	SPACER PLATE	1	
11	26221	CHECK BALL RETAINER	1	
12	26222	CHECK BALL	1	
13	26223	CHECK BALL SEAT	1	
14	26224	SET SCREW	1	
15	26226	RETAINING RING	2	
16	26227	NEEDLE BEARING KIT - INCLUDES ITEMS 17 & 18	1	
17		NEEDLE THRUST BEARING } SUPPLIED ONLY	1	
18		BEARING RACE } WITH ITEM 16	2	
19	42283	BACKUP RING	1	
20	42284	SEAL GLAND BUSHING	1	
21	42285	SEAL	1	
22	42286	SPACER SPRING	2	
23	42288	CONTROL ASSEMBLY - INCLUDES ITEMS 3, 4, 22 & 24	1	
24		HOUSING } MATCHED SET - CONTROL SLEEVE } SUPPLIED ONLY CONTROL SPOOL } WITH ITEM 23	1	
25	12A-011	O RING	1	
26	12A-110	O RING	1	
27	12A-122	O RING	1	
28	12A-040	O RING	3	
29	12A-225	O RING	1	
	42282	SEAL KIT - INCLUDES ITEMS 2, 19, 21, 25 TO 29		
	*45415	SPRING KIT - INCLUDES ITEMS 3 & 22	A.R.	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		STEERING COLUMN		
30	28649	STEERING COLUMN ASSEMBLY - INCLUDES ITEMS 31 TO 39	1	
31	26211	RETAINING RING	1	
32	26212	THRUST WASHER	1	
33	26215	DUST CAP	1	
34		SHAFT ASSY. } SUPPLIED ONLY	1	
35		TUBE FLANGE/BEARING ASSY. } WITH ITEM 30	1	
36	12406	NUT	1	
37	12890	STEERING WHEEL	1	
38	28831	BRASS KNOB	1	
39	72E-0808	SETSCREW	1	
		STEERING INSTALLATION		
40	12375	RUBBER MOUNT	2	
41	17696	MOUNTING BRACKET	1	
42	28668	CLAMPING COLLAR	2	
43	28894	FLANGE	1	
44	28913	BOOT	1	
45	14A-04	LOCKWASHER	4	
46	30A-04	NUT	4	
47	50A-0610	BOLT	4	
48	14A-06	LOCKWASHER	4	
49	50A-1018	BOLT	2	
50	14C-10	FLATWASHER	2	
51	14A-10	LOCKWASHER	2	
52	30A-10	NUT	2	
53		STEERING CYLINDER & CIRCUIT		SECT. 1 PAGES 11, 13 & 15



CHAMPION ROAD MACHINERY

SEPTEMBER 1990

STEERING UNIT & COLUMN

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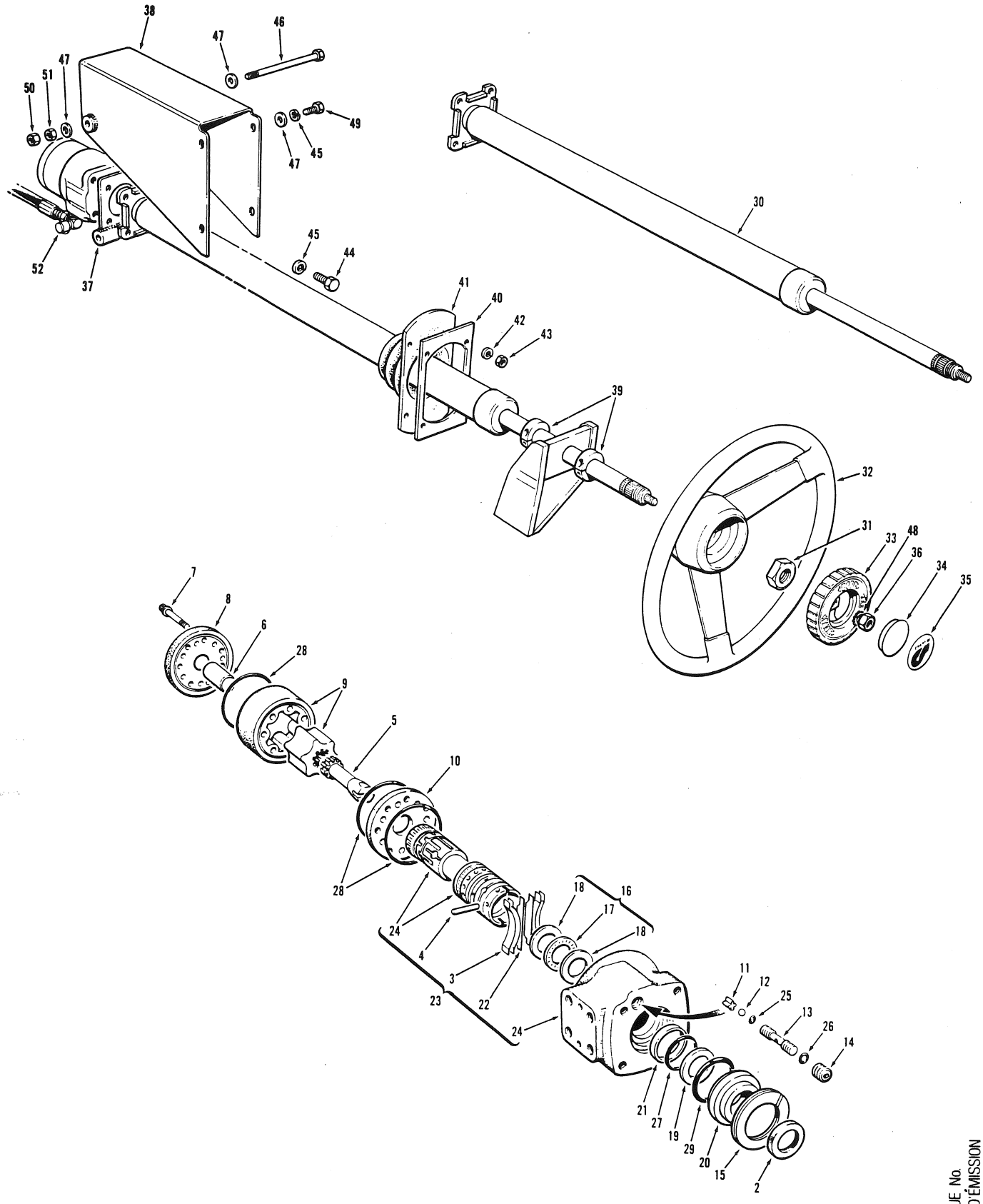
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1	42287	**STEERING CONTROL UNIT ASSEMBLY** - INCLUDES ITEMS 2 TO 29	1	
2	15278	OIL SEAL	1	
3	15288	CENTERING SPRING	4	
4	15294	PIN	1	
5	15295	DRIVE	1	
6	*58483	SPACER	1	
7	15301	CAPSCREW	7	
8	26217	END CAP	1	
9	26218	GEAR SET	1	
10	26219	SPACER PLATE	1	
11	26221	CHECK BALL RETAINER	1	
12	26222	CHECK BALL	1	
13	26223	CHECK BALL SEAT	1	
14	26224	SET SCREW	1	
15	26226	RETAINING RING	2	
16	26227	**NEEDLE BEARING KIT** - INCLUDES ITEMS 17 & 18	1	
	42282	**SEAL KIT FOR 42287 - STEERING CONTROL UNIT** - INCLUDES ITEMS 2, 19, 21, 25 TO 29	1	
17		NEEDLE THRUST BEARING } SUPPLIED ONLY	1	
18		BEARING RACE } WITH ITEM 16	2	
19	42283	BACKUP RING	1	
20	42284	SEAL GLAND BUSHING	1	
21	42285	SEAL	1	
22	42286	SPACER PRING	2	
	45415	**SPRING KIT** - INCLUDES ITEMS 3 & 22	1	
23	42288	**CONTROL ASSEMBLY** - INCLUDES ITEMS 3, 4, 22 & 24	1	
24		HOUSING, CONTROL SLEEVE, CONTROL SPOOL } MATCHED SET - SUPPLIED ONLY WITH ITEM 23	1	
25	12A-011	O RING	1	
26	12A-110	O RING	1	
27	12A-122	O RING	1	
28	12A-040	O RING	3	
29	12A-225	O RING	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		STEERING COLUMN		
30	46497	STEERING COLUMN	1	
		STEERING WHEEL		
31	12406	NUT	1	
32	46868	STEERING WHEEL	1	
33	46869	LOCKING KNOB	1	
34	46883	HOLE PLUG	1	
35	46884	DECAL - CHAMPION	1	
36	36M-06	LOCKNUT	1	
		STEERING INSTALLATION		
37	12375	RUBBER MOUNT	2	
38	17696	MOUNTING BRACKET	1	
39	28668	CLAMPING COLLAR	2	
40	28894	FLANGE	1	
41	28913	BOOT	1	
42	14A-04	LOCKWASHER	4	
43	30A-04	NUT	4	
44	50A-0610	BOLT	4	
45	14A-06	LOCKWASHER	2	
46	30A-10	NUT	2	
47	14C-10	FLATWASHER	2	
48	14A-10	LOCKWASHER	2	
49	50A-1020	BOLT	2	
50		STEERING CYLINDER & CIRCUIT	REF.	SECTION 1 Pgs. 11, 13 & 15



CHAMPION RC. MACHINERY

OCTOBER 1991

STEERING UNIT & COLUMN

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No. 4
Nº D'ÉMISSION
Nº DE EDICION

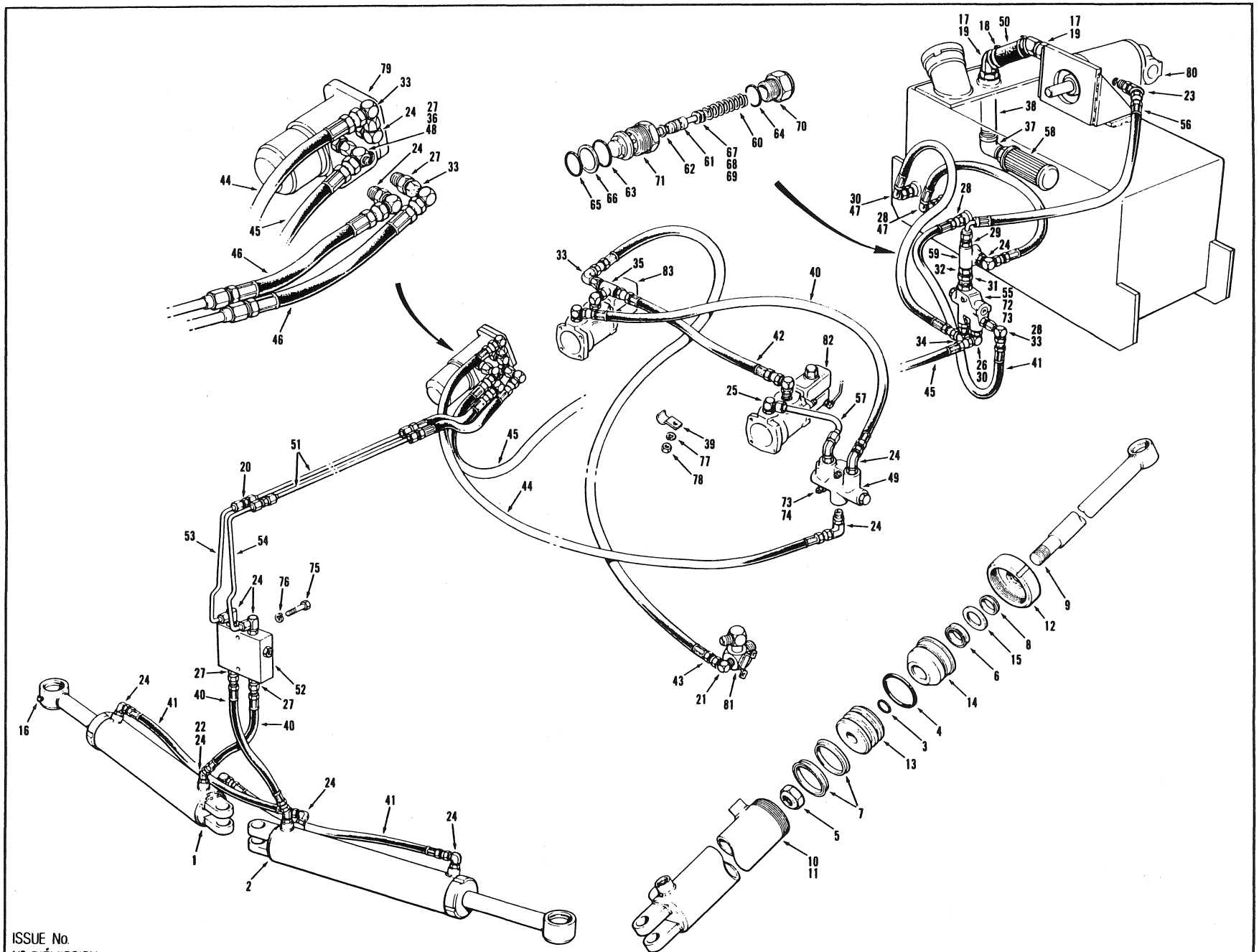
EFFECTIVE SERIAL NUMBER(S) 21754 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S) EXCEPT 21789, 21797, 21801,
NUMERO(S) DE SERIE EFECTIVO(S) 21805, 21809, 21813 & 21818

700 SERIES
SERIE 700

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

STEERING UNIT & COLUMN

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	**42287**	**STEERING CONTROL UNIT ASSEMBLY** - INCLUDES ITEMS 2 TO 29	1	
	42282	**SEAL KIT FOR 42287** - STEERING CONTROL UNIT - INCLUDES ITEMS 2, 19, 21, & 25 TO 29	1	
2	15278	OIL SEAL	1	
3	15288	CENTERING SPRING	4	
4	15294	PIN	1	
5	15295	DRIVE	1	
6	58483	SPACER	1	
7	15301	CAPSCREW	7	
8	26217	END CAP	1	
9	26218	GEAR SET	1	
10	26219	SPACER PLATE	1	
11	26221	CHECK BALL RETAINER	1	
12	26222	CHECK BALL	1	
13	26223	CHECK BALL SEAT	1	
14	26224	SET SCREW	1	
15	26226	RETAINING RING	2	
16	**26227**	**NEEDLE BEARING KIT** - INCLUDES ITEMS 17 & 18	1	
17		NEEDLE THRUST BEARING	1	
18		BEARING RACE	2	
19	42283	BACKUP RING	1	
20	42284	SEAL GLAND BUSHING	1	
21	42285	SEAL	1	
22	42286	SPACER PRING	2	
	45415	**SPRING KIT** - INCLUDES ITEMS 3 & 22	1	
23	**42288**	**CONTROL ASSEMBLY** - INCLUDES ITEMS 3, 4, 22 & 24	1	
24	HOUSING CONTROL SLEEVE CONTROL SPOOL	MATCHED SET - SUPPLIED ONLY WITH ITEM 23	1	
25	12A-011	O-RING	1	
26	12A-110	O-RING	1	
27	12A-122	O-RING	1	
28	12A-040	O-RING	3	
29	12A-225	O-RING	1	
30	46497	STEERING COLUMN	1	
31	12406	NUT	1	
32	46868	STEERING WHEEL	1	
33	46869	LOCKING KNOB	1	
34	46883	HOLE PLUG	1	
35	46884	DECAL - CHAMPION	1	
36	*30D-06	LOCKNUT	1	
37	*57668	MOUNT	2	
38	*57669	SUPPORT	1	
39	28668	CLAMPING COLLAR	2	
40	28894	FLANGE	1	
41	28913	BOOT	1	
42	14A-04	LOCKWASHER	4	
43	30A-04	NUT	4	
44	50A-0610	BOLT	4	
45	14A-06	LOCKWASHER	8	
46	*50A-0648	BOLT	1	
47	*14C-06	FLATWASHER	4	
48	*14J-06	LOCKWASHER	2	
49	*50A-0608	BOLT	4	
50	*30A-06	NUT	1	
51	*36D-06	NUT	1	
52		**STEERING CYLINDER & CIRCUIT**	REF.	SECTION 1 Pgs. 11, 13 & 15



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1

STEERING CYLINDER & CIRCUIT - MODEL 710/710A

OCTOBER 1984

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

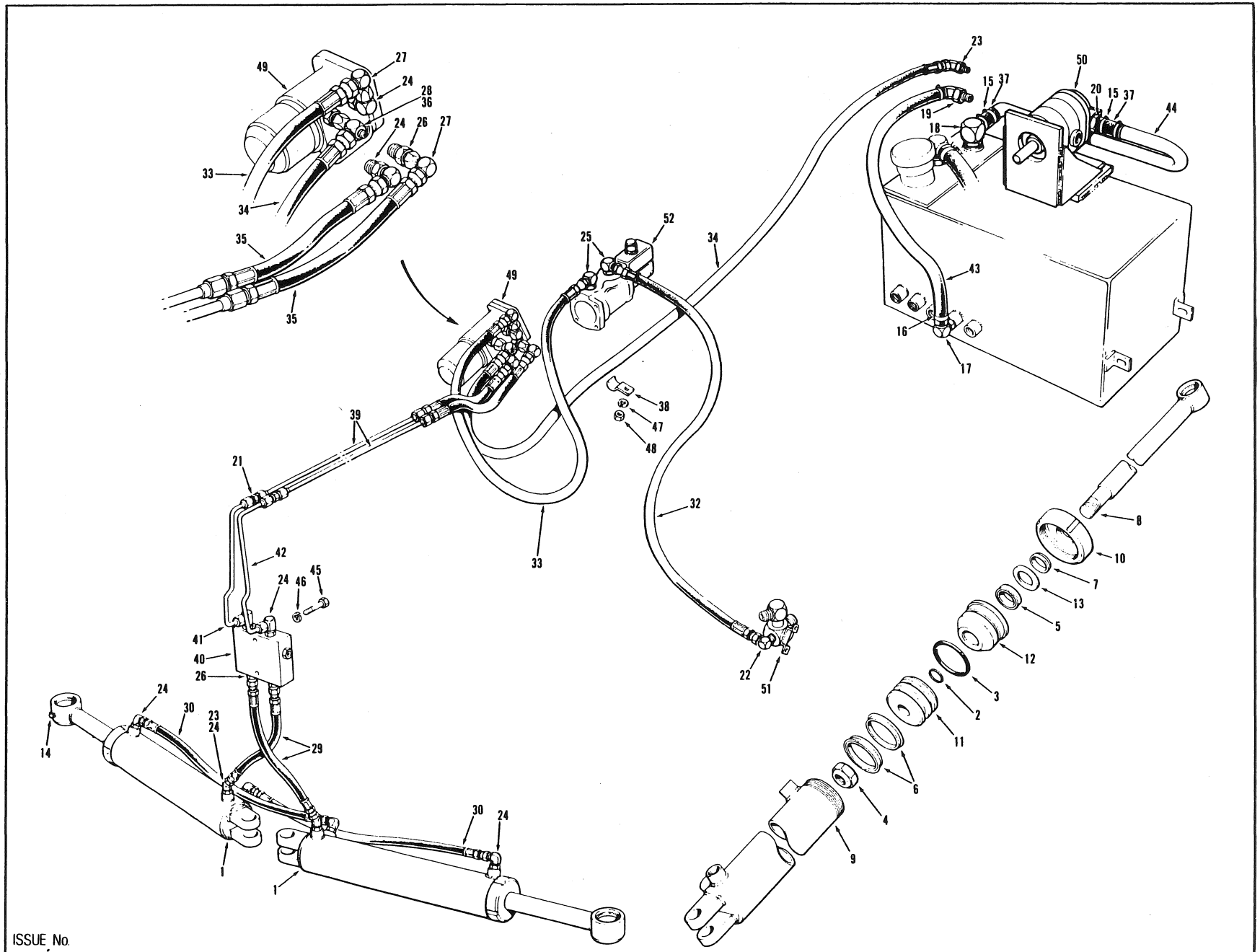
SECTION 1 PAGE 11
SECCION 1 PAGINA 11

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

STEERING CYLINDER & CIRCUIT - MODELS 710/710A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	17030	STEERING CYLINDER ASSY. - R.H.	1	
2	17031	STEERING CYLINDER ASSY. - L.H.	1	
3	12A-214	O RING	1	
4	12A-334	O RING	1	
5	37H-16	LOCKNUT	1	
6	12164	ROD SEAL	1	
7	12165	PISTON SEAL	2	
8	12166	WIPER	1	
9	16911	PISTON ROD	1	
10	16912	CYLINDER BARREL - L.H.	1	
11	16913	CYLINDER BARREL - R.H.	1	
12	17605	NUT	1	
13	17606	PISTON	1	
14	17607	GLAND	1	
15	17613	WASHER	1	
16	29B-02	GREASE FITTING	1	
	26408	REPAIR KIT FOR CYLINDER ASSY. - INCLUDES ITEMS 3 TO 8 & 15	A.R.	
17	12A-128	O RING	2	
18	22A-175	CLAMP	2	
19	108B-2420	CONNECTOR - INCLUDES ITEM 17	2	
20	110L-0808	CONNECTOR	2	
21	110R-0808	CONNECTOR	1	
22	111A-0808	CONNECTOR	2	
23	111A-1216	CONNECTOR	1	
24	111B-0808	CONNECTOR	A.R.	
25	111B-0810	CONNECTOR	4	
26	111B-0812	CONNECTOR	1	
27	111E-0808	CONNECTOR	4	
28	111E-0812	CONNECTOR	2	
29	111E-1012	CONNECTOR	1	
30	111E-1212	CONNECTOR	2	
31	111G-1012	ADAPTER	1	
32	111P-10	NIPPLE	1	
33	112B-08	CONNECTOR	4	
34	112B-12	CONNECTOR	1	
35	112D-08	TEE	1	
36	115D-02	PIPE PLUG	1	
37	115J-2424	ELBOW	1	
38	115Z-2420	NIPPLE	1	
39	8570	CLIP	A.R.	
40	9313 X 18	HOSE	3	
41	9313 X 25	HOSE	3	
42	9313 X 39	HOSE	1	
43	9313 X 72	HOSE	1	
44	9313 X 90	HOSE	1	
45	9313 X 175	HOSE	1	
46	14369 X 10.5	HOSE	2	
47	14382 X 28	HOSE	1	
48	16424	CONNECTOR - INCLUDES ITEM 36	1	
49	16947	DIVIDER VALVE	1	
50	17162 X 8	HOSE	1	
51	23498	TUBE	2	
52	23748	CUSHION VALVE	1	
53	23961	TUBE	1	
54	23962	TUBE	1	
55	27892	FLOW DIVIDER VALVE	1	
56	28696 X 25	HOSE	2	
57	32474	TUBE	1	
58	32668	STRAINER	1	
	26317	SEAL REPAIR KIT FOR 23748 CUSHION VALVE	A.R.	
59	40234	RELIEF VALVE ASSY. - C/W ITEMS 60 TO 71	1	
60	27552	SPRING	1	
	27547	SERVICE KIT - INCLUDES ITEMS 61 & 62	A.R.	
61		POPPET	1	
62		PISTON RING	1	
	27551	SEAL KIT - INCLUDES ITEMS 63 TO 71	A.R.	
63		O RING	1	
64		O RING	1	
65		O RING	1	
66		BACK UP RING	1	
67		SHIM - 0.25mm	A.R.	
68		SHIM - 0.51mm	A.R.	
69		SHIM - 1.02mm	A.R.	
70		CAP	1	
71		BODY	1	
72	50A-0416	BOLT	2	
73	14A-04	LOCKWASHER	4	
74	30A-04	NUT	2	
75	50A-0516	BOLT	2	
76	14A-05	LOCKWASHER	2	
77	14A-06	LOCKWASHER	A.R.	
78	30A-06	NUT	A.R.	
79		STEERING UNIT & COLUMN	REF.	SECTION 1 PAGE 9/10
80		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 1/2
81		TEE ASSEMBLY	REF.	SECTION 4 PAGE 11/12
82		MASTER CYLINDER - CLUTCH	REF.	SECTION 5 PAGE 7/8
83		MASTER CYLINDER - BRAKE	REF.	SECTION 9 PAGE 3/4



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION B

STEERING CYLINDER & CIRCUIT - MODEL 710 THRU 730A

NOVEMBER 1987

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16806 TO 16892
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2420-2 TO 2465-2

700 SERIES
SERIE 700

SECTION 1 PAGE 11
SECCION 1 PAGINA 11

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

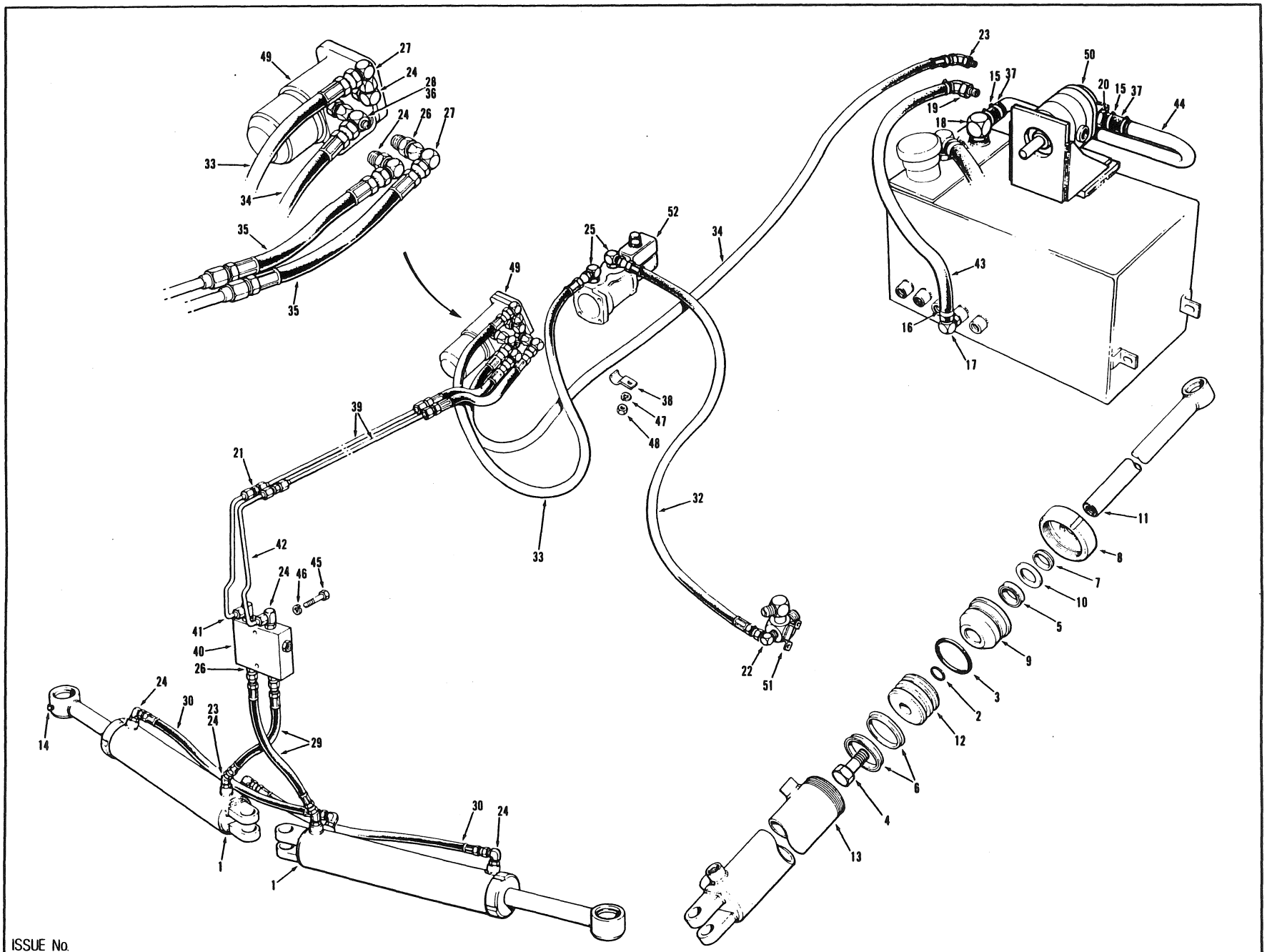
STEERING CYLINDER & CIRCUIT - MODELS 710 THRU 730A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	17030	STEERING CYLINDER ASSEMBLY - R.H.	1	
	17031	STEERING CYLINDER ASSEMBLY - L.H.	1	
2	12A-214	O RING	1	
3	12A-334	O RING	1	
4	37H-16	LOCKNUT	1	
5	12164	ROD SEAL	1	
6	12165	PISTON SEAL	2	
7	12166	WIPER	1	
8	16911	PISTON ROD	1	
9	16912	CYLINDER BARREL - L.H.	1	
	16913	CYLINDER BARREL - R.H.	1	
10	17605	CYLINDER NUT	1	
11	17606	PISTON	1	
12	17607	GLAND	1	
13	17613	WASHER	1	
14	29B-02	GREASE FITTING	1	
	*26408	REPAIR KIT FOR CYLINDER ASSY. - INCLUDES ITEMS 2 TO 7 & 13	A.R.	
15	22A-175	CLAMP	4	
16	22B-22	CLAMP	2	
17	108A-1212	CONNECTOR	1	
18	108A-2020	CONNECTOR	1	
19	108B-1212	CONNECTOR	1	
20	108C-2020	CONNECTOR	1	
21	110L-08	CONNECTOR	2	
22	110R-0808	CONNECTOR	1	
23	111A-0808	CONNECTOR	2	
24	111B-0808	CONNECTOR	A.R	
25	111B-0810	CONNECTOR	4	
26	111E-0808	CONNECTOR	4	
27	112B-08	CONNECTOR	4	
28	115D-02	PLUG	1	
29	9313 X 18	HOSE	1	
30	9313 X 25	HOSE	2	
32	9313 X 48	HOSE	1	
33	9313 X 90	HOSE	1	
34	9313 X 223	HOSE	1	
35	14369 X 10.5	HOSE	2	
36	16424	CONNECTOR - C/W ITEM 28	1	
37	17162 X 3.5	HOSE	2	
38	19244	CLIP	A.R.	
39	23498	TUBE	2	
40	23748	CUSHION VALVE	1	
41	23961	TUBE	1	
42	23962	TUBE	1	
43	32858 X 34	HOSE	1	
44	41924	TUBE	1	
	*26317	SEAL REPAIR KIT FOR 23748 VALVE	A.R.	
45	50A-0516	BOLT	2	
46	14A-05	LOCKWASHER	2	
47	14A-06	LOCKWASHER	A.R.	
48	30A-06	NUT	A.R.	
49		STEERING UNIT & COLUMN	REF.	SECTION 1 PAGE 9/10
50		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 1/2
51		PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4 PAGE 11/12
52		MASTER CYLINDER - BRAKE	REF.	SECTION 9 PAGE 3/4

EFFECTIVE SERIAL NUMBER(S) 16893 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2466-2 & UP

700 SERIES
SERIE 700

SECTION 1 PAGE 11
SECCION 1 PAGINA 11



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

STEERING CYLINDER & CIRCUIT - MODEL 710 THRU 730A

FEBRUARY 1986

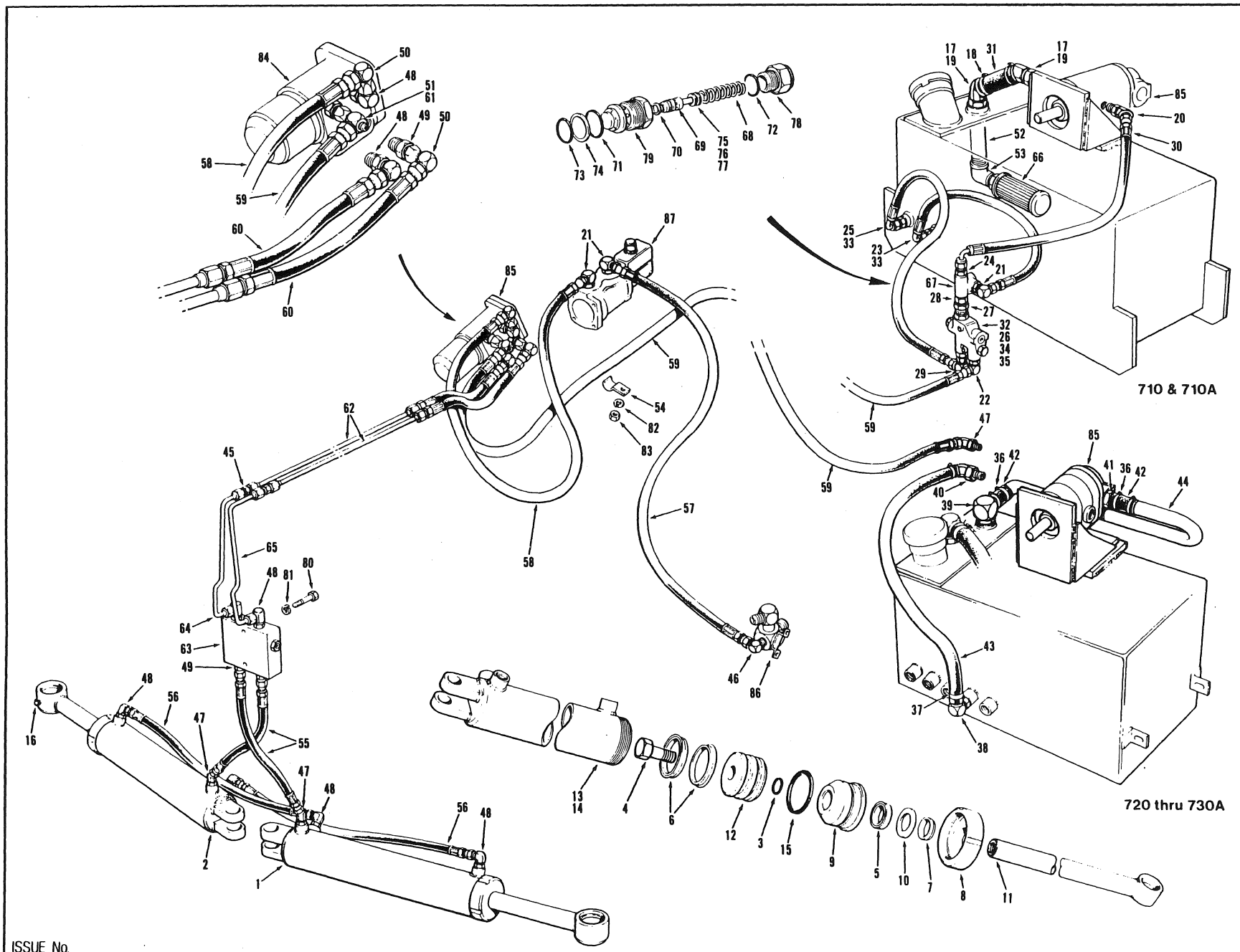
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

STEERING CYLINDER & CIRCUIT - MODELS 710 THRU 730A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	*43103	STEERING CYLINDER ASSEMBLY - L.H.	1	
	*43104	STEERING CYLINDER ASSEMBLY - R.H.	1	
2	12A-216	O RING	1	
3	12A-334	O RING	1	
4	*51A-1220	BOLT	1	
5	12164	ROD SEAL	1	
6	12165	PISTON SEAL	2	
7	12166	WIPER	1	
8	17605	CYLINDER NUT	1	
9	17607	GLAND	1	
10	17613	WASHER	1	
11	*42121	PISTON ROD	1	
12	*42122	PISTON	1	
13	*43105	CYLINDER BARREL - L.H.	1	
	*43106	CYLINDER BARREL - R.H.	1	
14	29B-02	GREASE FITTING	1	
	*42975	REPAIR KIT FOR CYLINDER ASSY. - INCLUDES ITEMS 2 TO 7 & 10	A.R.	
15	22A-175	CLAMP	4	
16	22B-22	CLAMP	2	
17	108A-1212	CONNECTOR	1	
18	108A-2020	CONNECTOR	1	
19	108B-1212	CONNECTOR	1	
20	108C-2020	CONNECTOR	1	
21	110L-08	CONNECTOR	2	
22	110R-0808	CONNECTOR	1	
23	111A-0808	CONNECTOR	2	
24	111B-0808	CONNECTOR	A.R.	
25	111B-0810	CONNECTOR	4	
26	111E-0808	CONNECTOR	4	
27	112B-08	CONNECTOR	4	
28	115D-02	PLUG	1	
29	9313 X 18	HOSE	1	
30	9313 X 25	HOSE	2	
32	9313 X 48	HOSE	1	
33	9313 X 90	HOSE	1	
34	9313 X 223	HOSE	1	
35	14369 X 10.5	HOSE	2	
36	16424	CONNECTOR - C/W ITEM 28	1	
37	17162 X 3.5	HOSE	2	
38	19244	CLIP	A.R.	
39	23498	TUBE	2	
40	23748	CUSHION VALVE	1	
41	23961	TUBE	1	
42	23962	TUBE	1	
43	32858 X 34	HOSE	1	
44	41924	TUBE	1	
45	50A-0516	BOLT	2	
46	14A-05	LOCKWASHER	2	
47	14A-06	LOCKWASHER	A.R.	
48	30A-06	NUT	A.R.	
49		STEERING UNIT & COLUMN	REF.	SECTION 1 PAGE 9/10
50		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 1/2
51		PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4 PAGE 11/12
52		MASTER CYLINDER - BRAKE	REF.	SECTION 9 PAGE 3/4



EFFECTIVE SERIAL NUMBER(S) 17376,17377,17378,
NUMERO(S) DE SÉRIE EFFECTIF(S) 17382 & UP
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2572-2 & UP

700 SERIES
SERIE 700

SECTION 1 PAGE 11
SECCION 1 PAGINA 11

ISSUE No.
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Nº DE EDICION 4

STEERING CYLINDER & CIRCUIT - MODEL 710 THRU 730A

SEPTEMBER 1986

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

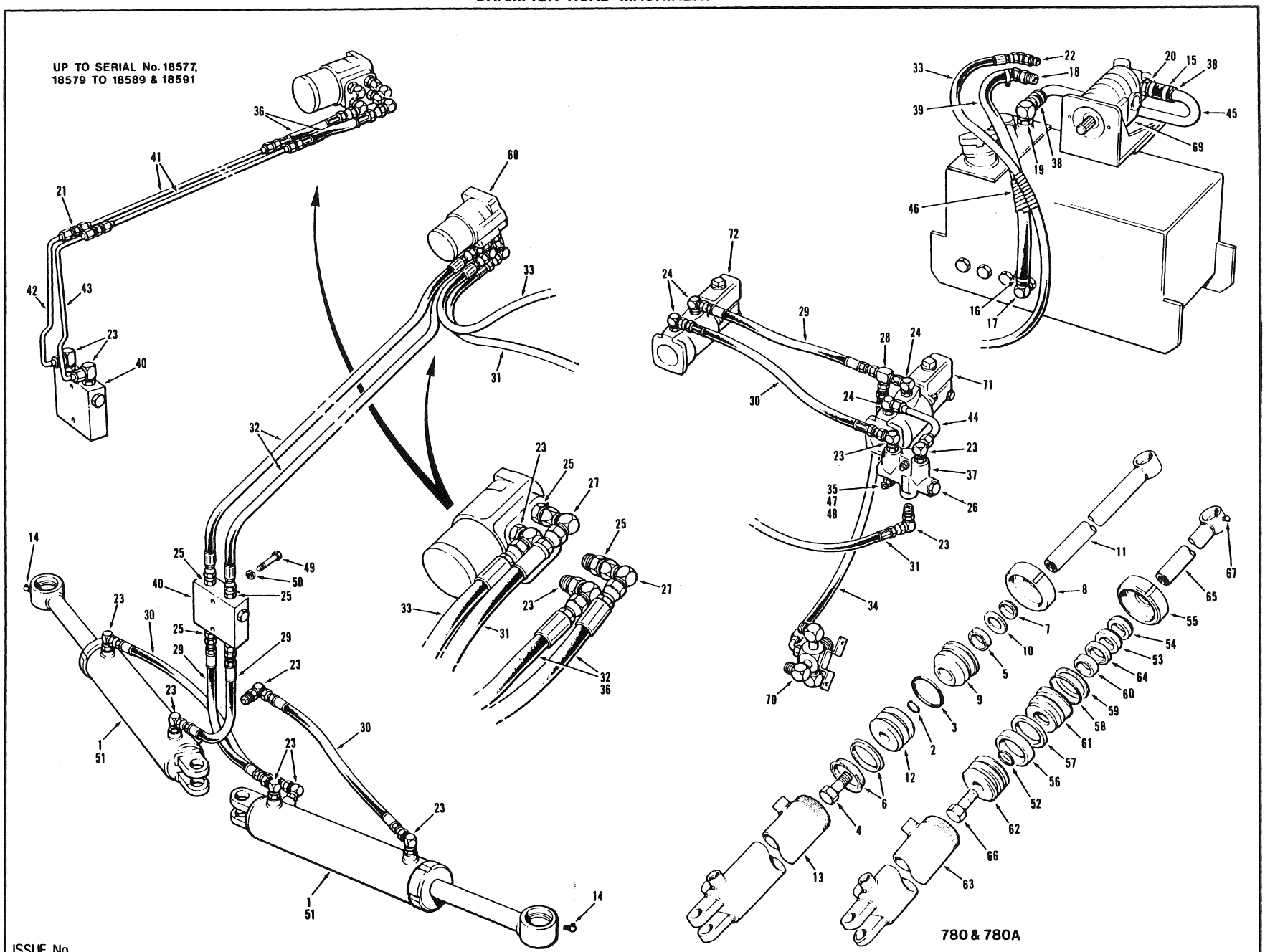
STEERING CYLINDER & CIRCUIT MODEL 710 THRU 730A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	43103	STEERING CYLINDER ASSEMBLY - L.H.	1	
2	43104	STEERING CYLINDER ASSEMBLY - R.H.	1	
3	12A-216	O RING	1	
4	51A-1220	BOLT	1	
5	12164	ROD SEAL	1	
6	12165	PISTON SEAL	2	
7	12166	WIPER	1	
8	17605	CYLINDER NUT	1	
9	17607	GLAND	1	
10	17613	WASHER	1	
11	42121	PISTON ROD	1	
12	42122	PISTON	1	
13	43105	CYLINDER BARREL L.H.	1	
14	43106	CYLINDER BARREL R.H.	1	
15	44243	O RING	1	
16	29B-02	GREASE FITTING	1	
17	12A-128	O RING	2	*
18	22A-175	CLAMP	2	710 & 710A
19	108B-2420	CONNECTOR - INCLUDES ITEMS - 17	2	S/N 17376
20	111A-1212	CONNECTOR	1	17377,17378
21	111B-0810	CONNECTOR	4	17382 & UP
22	111B-0812	CONNECTOR	1	
23	111E-0812	CONNECTOR	1	
24	111E-1012	CONNECTOR	1	
25	111E-1212	CONNECTOR	2	
26	111H-08	PLUG	1	
27	111R-1210	ADAPTER	1	
28	111P-10	CONNECTOR	1	
29	112B-12	CONNECTOR	1	
30	14382 X 28	HOSE	1	
31	17156 X 8.5	HOSE	1	
32	27892	FLOW DIVIDER VALVE	1	
33	28696 X 25	HOSE	2	
34	50A-0416	BOLT	4	
35	14A-04	LOCKWASHER	4	
36	22A-175	CLAMP	4	720 THRU 730A
37	22B-22	CLAMP	2	
38	108A-1212	CONNECTOR	1	
39	108A-2020	CONNECTOR	1	
40	108B-1212	CONNECTOR	1	
41	108C-2020	CONNECTOR	1	
42	17162 X 3.5	HOSE	2	
43	32858 X 34	HOSE	1	
44	41924	TUBE	1	
45	110L-0808	CONNECTOR	2	
46	110R-0808	CONNECTOR	1	
47	111A-0808	CONNECTOR	2	
48	111B-0808	CONNECTOR	A.R.	
49	111E-0808	CONNECTOR	5	
50	112B-08	CONNECTOR	2	
51	115D-02	PLUG	1	
52	115J-2424	ELBOW	1	
53	115Z-2420	NIPPLE	1	
54	8570	CLIP	3	
55	9313 X 18	HOSE	2	
56	9313 X 25	HOSE	2	
57	9313 X 48	HOSE	1	
58	9313 X 90	HOSE	1	
59	9313 X 212	HOSE	1	
60	14369 X 10.5	HOSE	2	
61	16424	CONNECTOR - INCLUDES ITEM - 51	1	
62	23498	TUBE	2	
63	23748	CUSHION VALVE	1	
64	23961	TUBE	1	
65	23962	TUBE	1	
66	32668	STRAINER	1	
	26317	SEAL REPAIR KIT FOR 23748 CUSHION VALVE	A.R.	
67	40234	RELIEF VALVE ASSY. - C/W 68 TO 79	1	*
68	27552	SPRING	1	710 & 710A
	27547	SERVICE KIT - INCLUDES ITEMS 69 & 70	A.R.	S/N 17376
69		POPPET	1	17377,17378
70		PISTON RING	1	17382 & UP
	27551	SEAL KIT - INCLUDES ITEMS 71 TO 79	1	
71		O RING	1	
72		O RING	1	
73		O RING	1	
74		BACK UP RING	1	
75		SHIM - 0.25mm	A.R.	
76		SHIM - 0.51mm	A.R.	
77		SHIM - 1.02mm	A.R.	
78		CAP	1	
79		BODY	1	
80	50A-0516	BOLT	2	
81	14A-05	LOCKWASHER	2	
82	14A-06	LOCKWASHER	A.R.	
83	30A-06	NUT	A.R.	
84		STEERING UNIT & COLUMN	REF.	SECTION 1 PAGE 10
85		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
86		TEE ASSEMBLY	REF.	SECTION 4 PAGE 12
87		MASTER CYLINDER - BRAKE	REF.	SECTION 9 PAGE 4

EFFECTIVE SERIAL NUMBER(S) 17933 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 1 PAGE 11
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ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5

STEERING CYLINDER & CIRCUIT - 710 THRU 780A

JUNE 1988

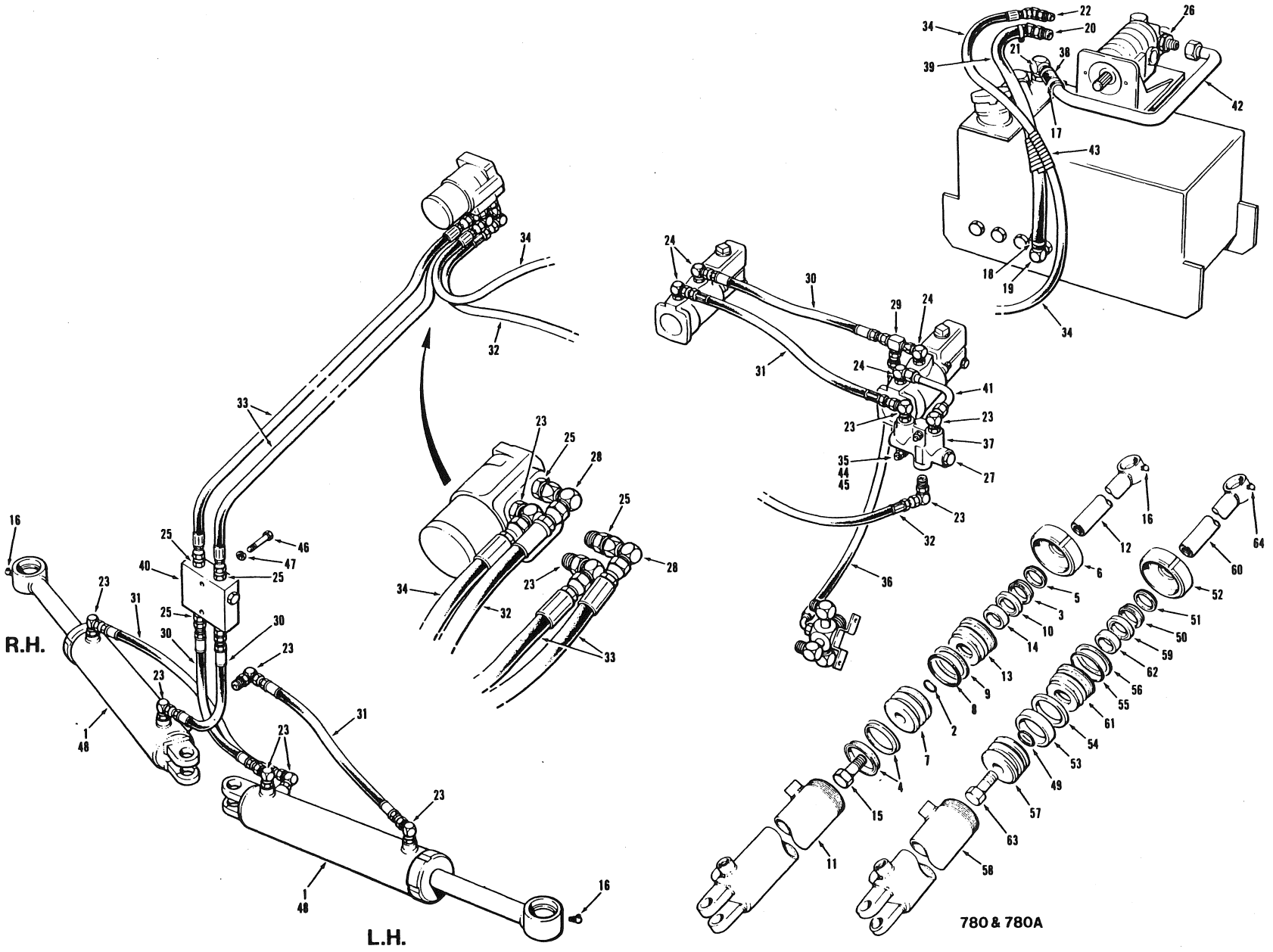
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

STEERING CYLINDER & CIRCUIT - MODELS 710 THRU 780A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	43103	STEERING CYLINDER - L.H. INCLUDES ITEMS 2 TO 14	1	EXCEPT 780 & 780A
	43104	STEERING CYLINDER - R.H. INCLUDES ITEMS 2 TO 14	1	EXCEPT 780 & 780A
2	12A-216	O RING	1	
3	44243	O RING	1	
4	51A-1220	BOLT	1	
5	12164	ROD SEAL	1	
6	12165	PISTON SEAL	2	
7	12166	WIPER	1	
8	17605	CYLINDER NUT	1	
9	17607	GLAND	1	
10	17613	WASHER	1	
11	42121	PISTON ROD	1	
12	42122	PISTON	1	
13	43105	CYLINDER BARREL - L.H.	1	
	43106	CYLINDER BARREL - R.H.	1	
14	29B-02	GREASE FITTING	1	
	42975	REPAIR KIT FOR CYLINDER ASSY. - INCLUDES ITEMS 2 TO 7 & 10	A.R.	
15	22A-175	CLAMP	4	
16	*22B-12	CLAMP	2	
17	108A-1212	CONNECTOR	1	
18	108B-1212	CONNECTOR	1	
19	108A-2020	CONNECTOR	1	
20	108C-2020	CONNECTOR	1	
21	110L-08	CONNECTOR	2	
22	111A-0808	CONNECTOR	A.R.	
23	111B-0808	CONNECTOR	A.R.	
24	111B-0810	CONNECTOR	4	
25	111E-0808	CONNECTOR	4	
26	111H-06	PLUG	1	
27	112B-08	CONNECTOR	2	
28	112C-08	TEE	1	
29	9313 X 18	HOSE	3	
30	9313 X 25	HOSE	3	
31	9313 X 90	HOSE	1	
32	*9313 X 140	HOSE	2	S/N 18578 18590,18592 & UP
33	9313 X 223	HOSE	1	
34	14382 X 28	HOSE	1	
35	9730-2	BUSHING	2	
36	14369 X 10.5	HOSE	2	
37	16947	DIVIDER VALVE ASSY.	1	
38	17162 X 3.5	HOSE	2	
39	32858 X 34	HOSE	1	
40	23748	CUSHION VALVE	1	
41	23499	TUBE	1	UP TO S/N 18577,18579 TO 18589, 18591
42	23961	TUBE	1	
43	23962	TUBE	1	
44	41477	TUBE	1	
45	41924	TUBE	1	
46	41646 X 6	HOSE WRAP	2	
47	14A-04	LOCKWASHER	2	
48	30A-04	NUT	2	
49	50A-0516	BOLT	2	
50	14A-05	LOCKWASHER	4	
51	*45760	STEERING CYLINDER ASSY. - R.H. INCLUDES ITEMS 52 TO 66	1	MODELS 780 & 780A
	*45761	STEERING CYLINDER ASSY. - L.H. INCLUDES ITEMS 52 TO 66	1	MODELS 780 & 780A
52	12A-216	O RING	1	
53	12164	ROD SEAL	1	
54	12166	ROD WIPER	1	
55	17605	CYLINDER NUT	1	
56	30344	WEAR RING	1	
57	43336	PISTON UNIRING	1	
58	44243	O RING	1	
59	44343	BACK-UP RING	1	
60	44431	WEAR RING	1	
61	45733	GLAND	1	
62	45736	PISTON	1	
63	45762	CYLINDER BARREL - R.H.	1	
	45781	CYLINDER BARREL - L.H.	1	
64	45889	BUFFER RING	1	
65	46127	PISTON ROD	1	
66	50A-1220	BOLT	1	
67	29B-02	GREASE FITTING	1	
	26317	SEAL REPAIR KIT FOR 23748 CUSHION VALVE	A.R.	
68		STEERING UNIT & COLUMN	REF.	SECTION 1 PAGE 10
69		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
70		PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4 PAGE 16
71		CLUTCH MASTER CYLINDER & BOOSTER ASSEMBLY	REF.	SECTION 5 PAGE 8
72		BRAKE MASTER CYLINDER & BOOSTER ASSEMBLY	REF.	SECTION 9 PAGE 4



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 6

STEERING CYLINDER & CIRCUIT - 710 THRU 780A

JANUARY 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
19237 & UP

700 SERIES
SERIE 700

SECTION 1 PAGE 11
SECCION 1 PAGINA 11

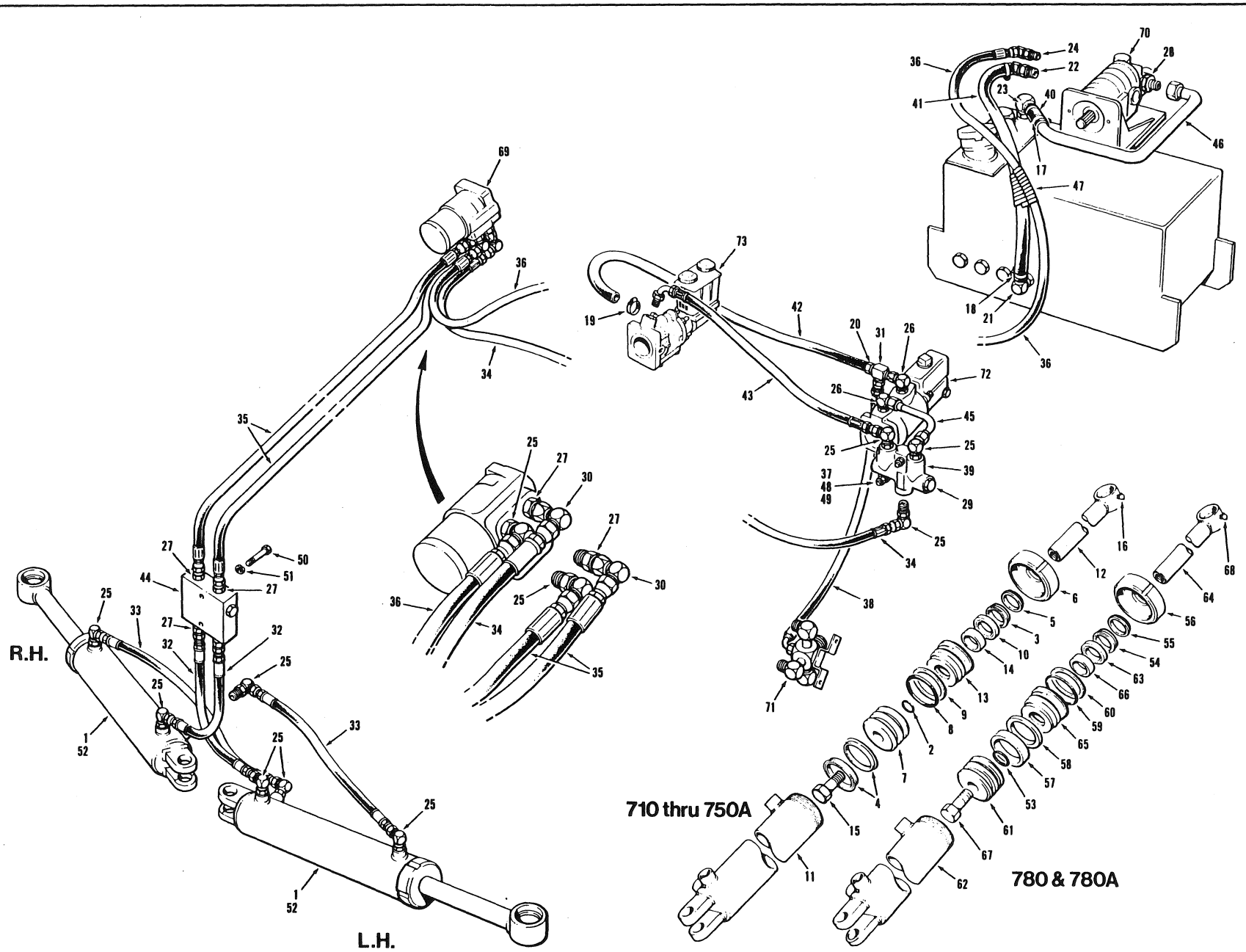
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

STEERING CYLINDER & CIRCUIT - MODELS 710 THRU 780A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	*46018	STEERING CYLINDER - R.H. INCLUDES ITEMS 2 TO 16	1	EXCEPT 780 & 780A
1	*46019	STEERING CYLINDER - L.H. INCLUDES ITEMS 2 TO 16	1	EXCEPT 780 & 780A
2	12A-216	O RING	1	
3	12164	ROD SEAL	1	
4	12165	PISTON SEAL	2	
5	12166	WIPER	1	
6	17605	CYLINDER NUT	1	
7	42122	PISTON	1	
8	*44243	O RING	1	
9	*44343	BACK-UP RING	1	
10	*45889	BUFFER RING	1	
	*46020	CYLINDER BARREL - R.H.	1	
11	*46021	CYLINDER BARREL - L.H.	1	
12	*46034	PISTON ROD	1	
13	*49393	GLAND	1	
14	*49394	WEAR RING	1	
15	*50A-1220	BOLT	1	
16	*28B-04	GREASE FITTING	1	
	*48870	REPAIR KIT FOR CYLINDER ASSY. - INCLUDES ITEMS 2 TO 5, 8, 9, 10, 14 & 15	A.R.	
17	22A-175	CLAMP	2	
18	22B-12	CLAMP	2	
19	108A-1212	CONNECTOR	1	
20	108B-1212	CONNECTOR	1	
21	108A-2020	CONNECTOR	1	
22	111A-0808	CONNECTOR	1	
23	111B-0808	CONNECTOR	11	
24	111B-0810	CONNECTOR	4	
25	111E-0808	CONNECTOR	6	
26	*111E-2020	CONNECTOR	1	
27	111H-06	PLUG	1	
28	112B-08	CONNECTOR	2	
29	112C-08	TEE	1	
30	9313 X 18	HOSE	3	
31	9313 X 25	HOSE	3	
32	9313 X 90	HOSE	1	
33	9313 X 140	HOSE	2	
34	9313 X 223	HOSE	1	
35	9730-2	BUSHING	2	
36	14382 X 28	HOSE	1	
37	16947	DIVIDER VALVE ASSY.	1	
38	*17162 X 6	HOSE	1	
39	32858 X 34	HOSE	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
40	23748	CUSHION VALVE	1	
41	41477	TUBE	1	
42	*49379	TUBE	1	
43	41646 X 6	HOSE WRAP	2	
44	14A-04	LOCKWASHER	2	
45	30A-04	NUT	2	
46	50A-0516	BOLT	2	
47	14A-05	LOCKWASHER	2	
	45760	STEERING CYLINDER ASSY. - R.H. INCLUDES ITEMS 49 TO 63	1	MODELS 780 & 780A
48	45761	STEERING CYLINDER ASSY. - L.H. INCLUDES ITEMS 49 TO 63	1	MODELS 780 & 780A
49	12A-216	O RING	1	
50	12164	ROD SEAL	1	
51	12166	ROD WIPER	1	
52	17605	CYLINDER NUT	1	
53	30344	WEAR RING	1	
54	43336	PISTON UNIRING	1	
55	44243	O RING	1	
56	44343	BACK-UP RING	1	
57	45736	PISTON	1	
	45762	CYLINDER BARREL - R.H.	1	
58	45781	CYLINDER BARREL - L.H.	1	
59	45889	BUFFER RING	1	
60	46127	PISTON ROD	1	
61	*49393	GLAND	1	
62	*49394	WEAR RING	1	
63	50A-1220	BOLT	1	
64	29B-02	GREASE FITTING	1	
	*48871	REPAIR KIT FOR CYLINDER ASSY. - INCLUDES ITEMS 49 TO 51, 54 TO 56, 59, 62 & 63	A.R.	
	26317	SEAL REPAIR KIT FOR 23748 CUSHION VALVE	A.R.	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 7

STEERING CYLINDER & CIRCUIT

MARCH 1989

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EFFECTIVE SERIAL NUMBER(S) 19431, 19458, 19565, 19566,
NUMERO(S) DE SÉRIE EFFECTIF(S) 19568 to 19578, 19580 to 19589,
NUMERO(S) DE SERIE EFECTIVO(S) 19591, 19592, 19594 to 19610,
19612 to 19614, 19616, 19618 & UP

700 SERIES
SERIE 700

SECTION 1 PAGE 11
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

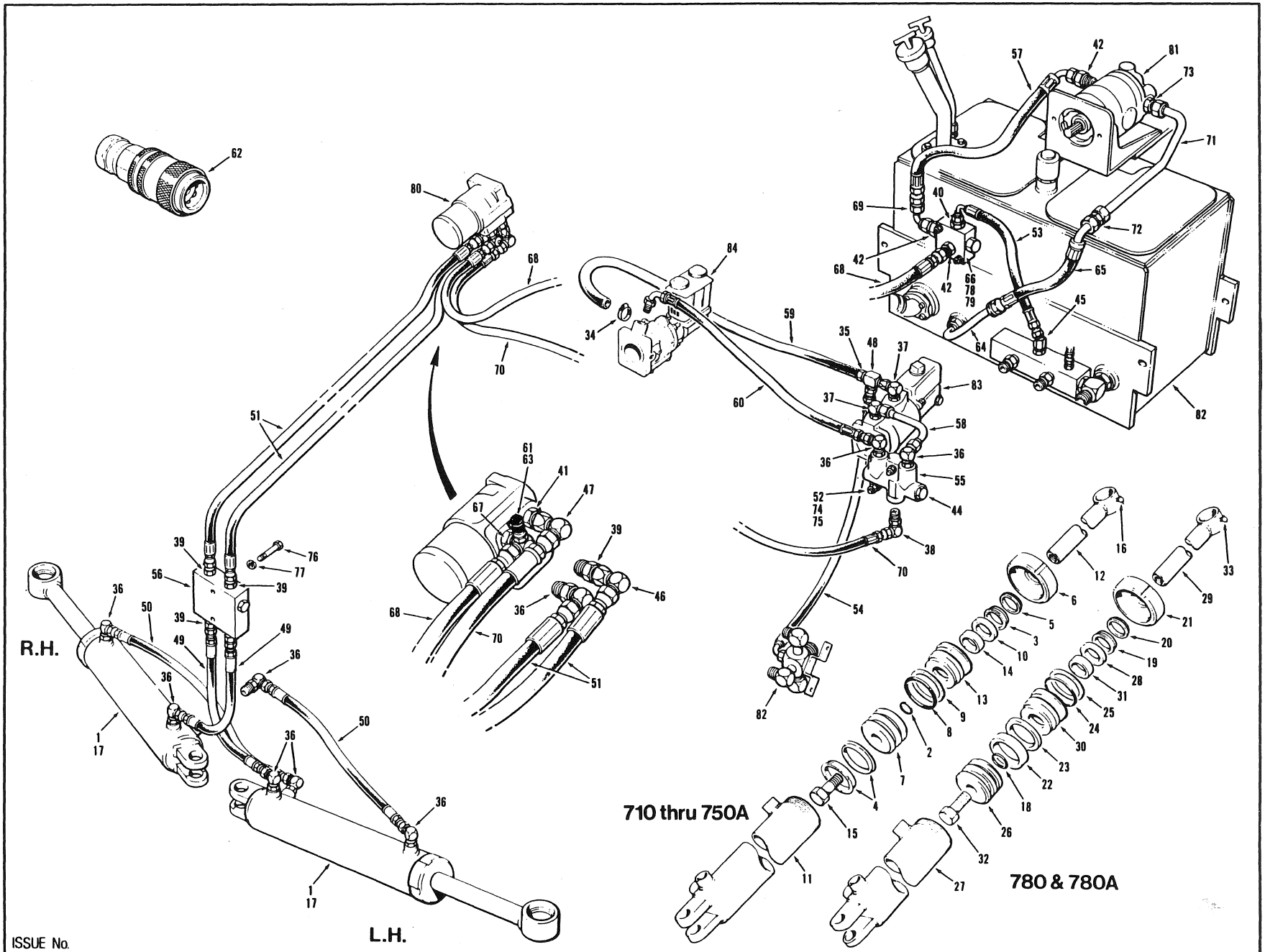
SECTION / SECCION 1 | PAGE / PAGINA 12 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 7

STEERING CYLINDER & CIRCUIT

MARCH 1989

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	46018	STEERING CYLINDER - R.H. - INCLUDES ITEMS 2 TO 16	1	710 THRU 750A
	46019	STEERING CYLINDER - L.H. - INCLUDES ITEMS 2 TO 16	1	710 THRU 750A
2	12A-216	O RING	1	
3	12164	ROD SEAL	1	
4	12165	PISTON SEAL	2	
5	12166	WIPER	1	
6	17605	CYLINDER NUT	1	
7	42122	PISTON	1	
8	44243	O RING	1	
9	44343	BACK-UP RING	1	
10	45889	BUFFER RING	1	
11	46020	CYLINDER BARREL - R.H.	1	
	46021	CYLINDER BARREL - L.H.	1	
12	46034	PISTON ROD	1	
13	49393	GLAND	1	
14	49394	WEAR R ING	1	
15	50A-1220	BOLT	1	
16	28B-04	GREASE FITTING	1	
	48870	REPAIR KIT FOR CYLINDER ASSY. - INCLUDES ITEMS 2 TO 5, 8 , 9, 10, 14 & 15	A.R.	
17	22A-175	CLAMP	1	
18	22B-12	CLAMP	2	
19	*22B-16	CLAMP	1	
20	*106C-0808	CONNECTOR	1	
21	108A-1212	CONNECTOR	1	
22	108B-1212	CONNECTOR	1	
23	108A-2020	CONNECTOR	1	
24	111A-0808	CONNECTOR	1	
25	111B-0808	CONNECTOR	11	
26	111B-0810	CONNECTOR	2	
27	111E-0808	CONNECTOR	6	
28	111E-2020	CONNECTOR	1	
29	111H-06	PLUG	1	
30	112B-08	CONNECTOR	2	
31	112C-08	TEE	1	
32	9313X18	HOSE	2	
33	9313X25	HOSE	2	
34	9313X90	HOSE	1	
35	9313X140	HOSE	2	
36	9313X223	HOSE	1	
37	9730-2	BUSHING	2	
38	14382X28	HOSE	1	
39	16947	DIVIDER VALVE ASSY.	1	
40	17162X6	HOSE	1	
41	32858X34	HOSE	1	
42	*41539X38	HOSE	1	
43	*48849	HOSE	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
44	23748	CUSHION VALVE	1	
45	41477	TUBE	1	
46	49379	TUBE	1	
47	41646X16	HOSE WRAP	2	
48	14A-04	LOCKWASHER	2	
49	30A-04	NUT	2	
50	50A-0516	BOLT	2	
51	14A-05	LOCKWASHER	4	
52	45760	STEERING CYLINDER ASSEMBLY - R.H. - INCLUDES ITEMS 53 TO 67	1	MODELS 780 & 780A
	45761	STEERING CYLINDER ASSEMBLY - L.H. - INCLUDES ITEMS 53 TO 67	1	MODELS 780 & 780A
53	12A-216	O RING	1	
54	12164	ROD SEAL	1	
55	12166	ROD WIPER	1	
56	17605	CYLINDER NUT	1	
57	30344	WEAR RING	1	
58	43336	PISTON UNIRING	1	
59	44243	O RING	1	
60	44343	BACK-UP RING	1	
61	45736	PISTON	1	
62	45762	CYLINDER BARREL - R.H.	1	
	45781	CYLINDER BARREL - L.H.	1	
63	45889	BUFFER RING	1	
64	46127	PISTON ROD	1	
65	49393	GLAND	1	
66	49394	WEAR RING	1	
67	50A-1220	BOLT	1	
68	29B-02	GREASE FITTING	1	
	48871	REPAIR KIT FOR CYLINDER ASSEMBLY - INCLUDES ITEMS 53 TO 55, 58 TO 60, 63, 66 & 67	A.R.	
	26317	SEAL REPAIR KIT FOR 23748 CUSHION VALVE	A.R.	
69		STEERING UNIT & COLUMN	REF.	SECTION 1 PAGE 10
70		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
71		PRIAMARY HYDRAULIC CIRCUIT	REF.	SECTION 4 PAGE 16
72		CLUTCH MASTER CYLINDER & BOOSTER ASSEMBLY	REF.	SECTION 5 PAGE 8
73		BRAKE MASTER CYLINDER & BOOSTER ASSEMBLY	REF.	SECTION 9 PAGE 4



EFFECTIVE SERIAL NUMBER(S) 19982, 19984, 19985, 19996,
NUMERO(S) DE SÉRIE EFFECTIF(S) 20005, 20104, 20106, 20120
NUMERO(S) DE SERIE EFECTIVO(S) & UP

700 SERIES
SERIE 700

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ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 8 REVISION A

STEERING CYLINDER & CIRCUIT

NOVEMBER 1989

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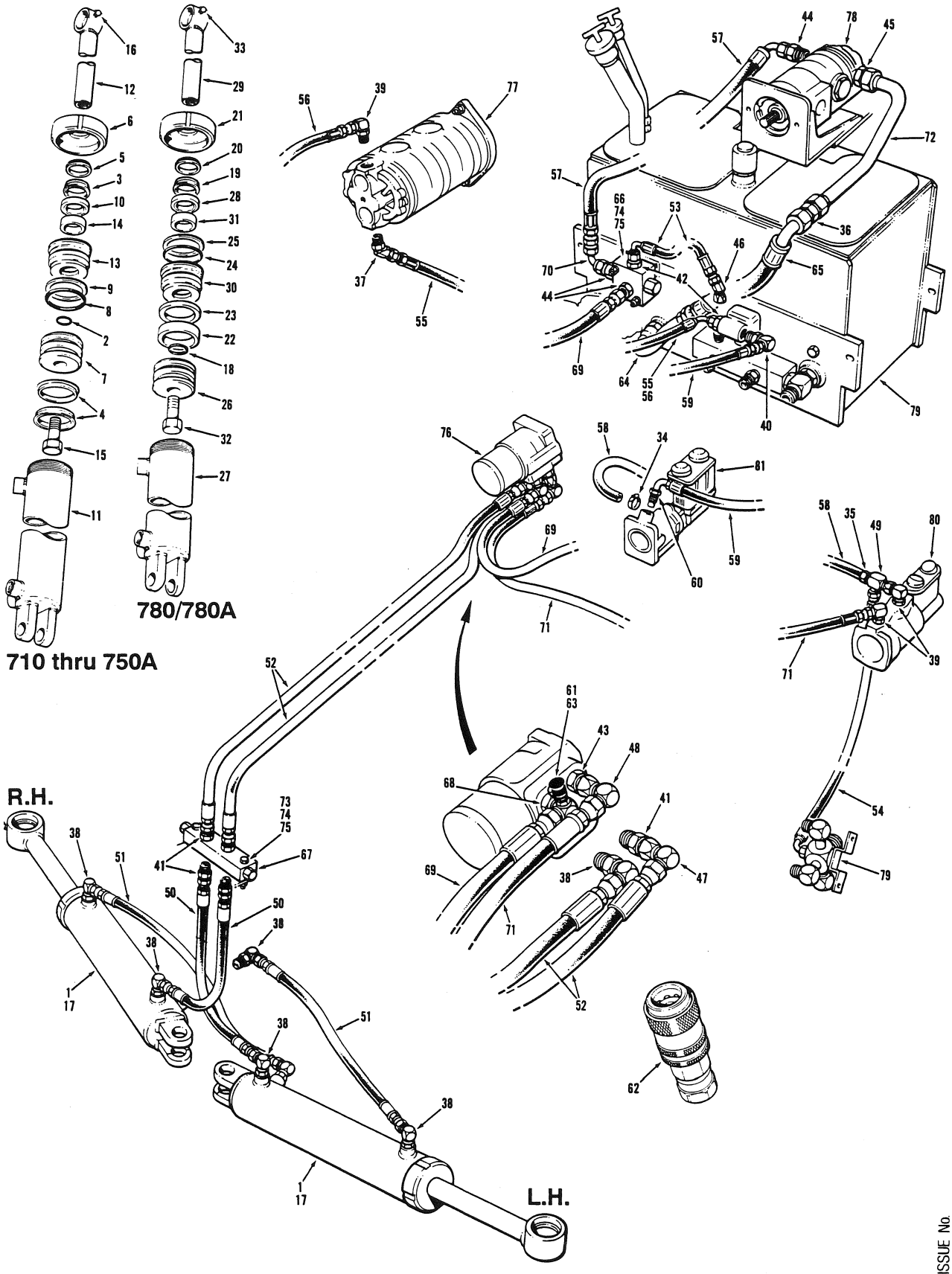
SECTION / SECCION 1 | PAGE / PAGINA 12 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 8 REVISION A

STEERING CYLINDER & CIRCUIT

JANUARY 1990

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	46018	STEERING CYLINDER ASSEMBLY - R.H.	1	710 thru 750A
1		- INCLUDES ITEMS 2 TO 16		
	46019	STEERING CYLINDER ASSEMBLY - L.H.	1	710 thru 750A
		- INCLUDES ITEMS 2 TO 16		
2	12A-216	O RING	1	
3	12164	ROD SEAL	1	
4	12165	PISTON SEAL	2	
5	12166	WIPER	1	
6	17605	CYLINDER NUT	1	
7	42122	PISTON	1	
8	44243	O RING	1	
9	44343	BACK-UP RING	1	
10	45889	BUFFER RING	1	
11	46020	CYLINDER BARREL - R.H.	1	
	46021	CYLINDER BARREL - L.H.	1	
12	46034	PISTON ROD	1	
13	49393	GLAND	1	
14	49394	WEAR RING	1	
15	50A-1220	BOLT	1	
16	28B-04	GREASE FITTING	1	
	48870	REPAIR KIT FOR CYLINDERS 46018 & 46019	A.R.	
		- INCLUDES ITEMS 2 TO 5, 8 , 9, 10, 14 & 15		
	45760	STEERING CYLINDER ASSEMBLY - R.H.	1	780/780A
17		- INCLUDES ITEMS 18 TO 33		
	45761	STEERING CYLINDER ASSEMBLY - L.H.	1	780/780A
		- INCLUDES ITEMS 18 TO 33		
18	12A-216	O RING	1	
19	12164	ROD SEAL	1	
20	12166	ROD WIPER	1	
21	17605	CYLINDER NUT	1	
22	30344	WEAR RING	1	
23	43336	PISTON UNIRING	1	
24	44243	O RING	1	
25	44343	BACK-UP RING	1	
26	45736	PISTON	1	
27	45762	CYLINDER BARREL - R.H.	1	
	45781	CYLINDER BARREL - L.H.	1	
28	45889	BUFFER RING	1	
29	46127	PISTON ROD	1	
30	49393	GLAND	1	
31	49394	WEAR RING	1	
32	50A-1220	BOLT	1	
33	29B-02	GREASE FITTING	1	
	48871	REPAIR KIT FOR CYLINDERS 45760 & 45761	A.R.	
		- INCLUDES ITEMS 18 TO 20, 23 TO 25, 28, 31 & 32		
34	22B-06	CLAMP	1	
35	106C-0808	CONNECTOR	1	
36	111B-0808	CONNECTOR	9	
37	111B-0810	CONNECTOR	2	
38	111B-1008	CONNECTOR	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
39	111E-0808	CONNECTOR	1	
40	111E-0812	CONNECTOR	1	
41	111E-1008	CONNECTOR	1	
42	111E-1212	CONNECTOR	3	
44	111H-06	PLUG	1	
45	112A-08	CONNECTOR	1	
46	112B-08	CONNECTOR	1	
47	112B-10	CONNECTOR	1	
48	112C-08	TEE	1	
49	9313 X 18	HOSE	2	
50	9313 X 25	HOSE	2	
51	9313 X 140	HOSE	2	
52	9730-2	BUSHING	2	
53	14382 X 16	HOSE	1	
54	14382 X 28	HOSE	1	
55	16947	DIVIDER VALVE ASSEMBLY	1	
56	23748	CUSHION VALVE	1	
	26317	SEAL KIT FOR 23748 CUSHION VALVE	1	
57	28696 X 29	HOSE	1	
58	41477	TUBE	1	
59	41539 X 38	HOSE	1	
60	48849	HOSE	1	
61	*51286	QUICK DISCONNECT COUPLER - MALE	1	
62	*51287	QUICK DISCONNECT COUPLER - FEMALE (FOR TESTING)	1	In Toolbox
63	*51288	DUST CAP	1	
64	*53567	FITTING - STEERING SUCTION	1	
65	*53580	HOSE	1	
66	53619	STEERING PRIORITY/RELIEF VALVE	1	
	*55249	SEAL KIT FOR 53619 - RELIEF VALVE	1	
		INCLUDES O-RINGS AND BACK-UP RINGS		
67	53620	CONNECTOR	1	
68	53621	HOSE	1	
69	53623	CONNECTOR	1	
70	53624	HOSE	1	
71	*53629	TUBE	1	
72	*110L-20	CONNECTOR	1	
73	*111E-2020	CONNECTOR	1	
74	14A-04	LOCKWASHER	2	
75	30A-04	NUT	2	
76	50A-0516	BOLT	2	
77	14A-05	LOCKWASHER	2	
78	14A-06	LOCKWASHER	2	
79	30A-06	NUT	2	
80		SEE STEERING UNIT & COLUMN 1-9	REF.	
81		SEE HYDRAULIC PUMP 4-1	REF.	
82		SEE PRIMARY HYDRAULIC CIRCUITS IN SECT. 4	REF.	
83		SEE CLUTCH MASTER CYLINDER 5-7	REF.	
84		SEE BRAKE MASTER CYLINDER 9-3	REF.	



CHAMPION ROAD MACHINERY

STEERING CYLINDER & CIRCUIT and BOOSTER CIRCUITS

AUGUST 1990

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 9

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

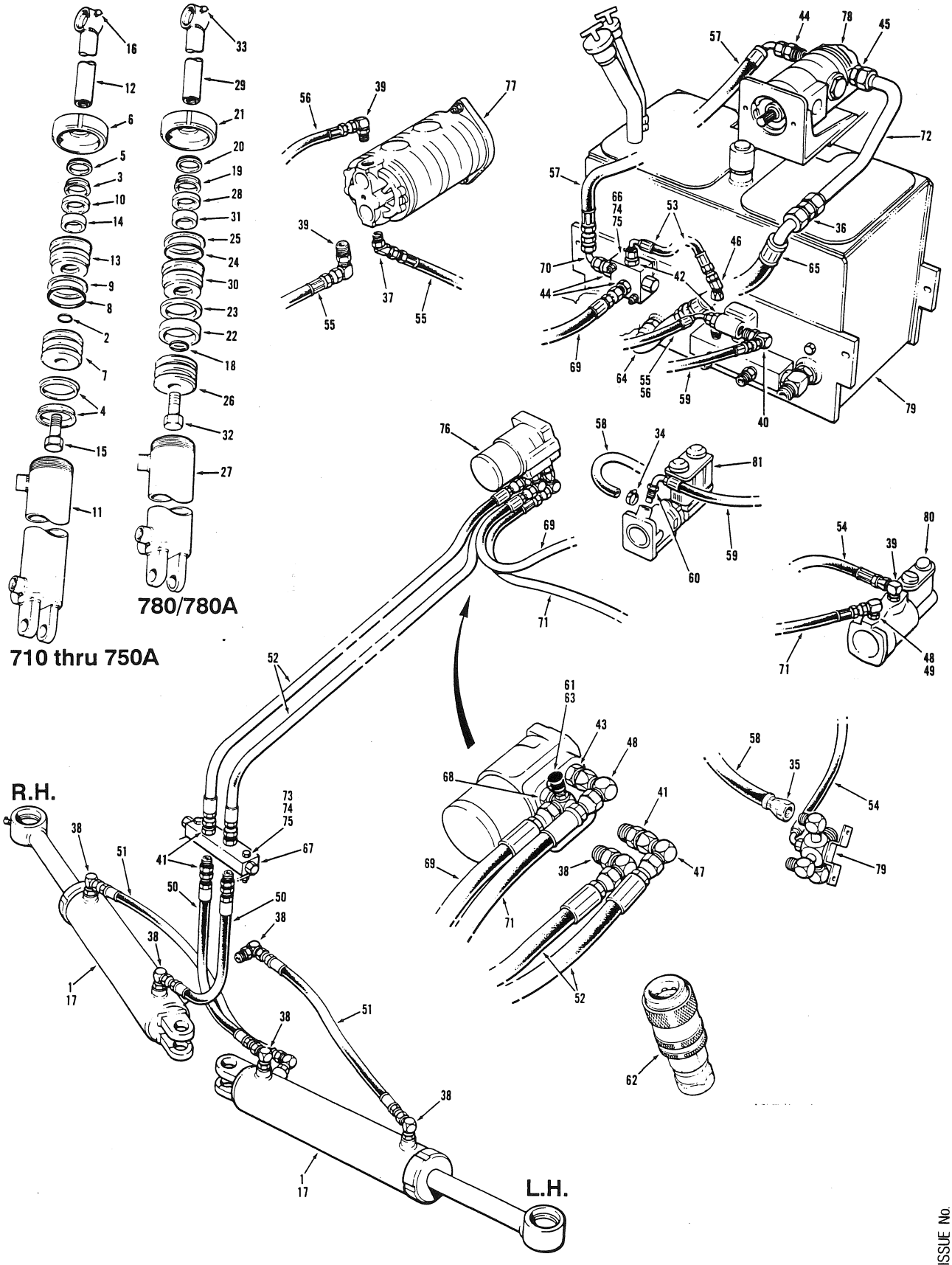
20805, 20806, 20808 & UP

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

STEERING CYLINDER & CIRCUIT and BOOSTER CIRCUITS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	46018	**STEERING CYLINDER ASSEMBLY** - R.H.	1	710 thru 750A
1		- INCLUDES ITEMS 2 TO 16		
	46019	**STEERING CYLINDER ASSEMBLY** - L.H.	1	710 thru 750A
		- INCLUDES ITEMS 2 TO 16		
	48870	**REPAIR KIT FOR CYLINDERS 46018 & 46019**	A.R.	
		- INCLUDES ITEMS 2 TO 5, 8 , 9, 10, 14 & 15		
2	12A-216	O RING	1	
3	12164	ROD SEAL	1	
4	12165	PISTON SEAL	2	
5	12166	WIPER	1	
6	17605	CYLINDER NUT	1	
7	42122	PISTON	1	
8	44243	O RING	1	
9	44343	BACK-UP RING	1	
10	45889	BUFFER RING	1	
11	46020	CYLINDER BARREL - R.H.	1	
	46021	CYLINDER BARREL - L.H.	1	
12	46034	PISTON ROD	1	
13	49393	GLAND	1	
14	49394	WEAR RING	1	
15	50A-1220	BOLT	1	
16	28B-04	GREASE FITTING	1	
	45760	**STEERING CYLINDER ASSEMBLY** - R.H.	1	780/780A
17		- INCLUDES ITEMS 18 TO 33		
	45761	**STEERING CYLINDER ASSEMBLY** - L.H.	1	780/780A
		- INCLUDES ITEMS 18 TO 33		
	48871	**REPAIR KIT FOR CYLINDERS 45760 & 45761**	A.R.	
		- INCLUDES ITEMS 18 TO 20, 23 TO 25, 28, 31 & 32		
18	12A-216	O RING	1	
19	12164	ROD SEAL	1	
20	12166	ROD WIPER	1	
21	17605	CYLINDER NUT	1	
22	30344	WEAR RING	1	
23	43336	PISTON UNIRING	1	
24	44243	O RING	1	
25	44343	BACK-UP RING	1	
26	45736	PISTON	1	
27	45762	CYLINDER BARREL - R.H.	1	
	45781	CYLINDER BARREL - L.H.	1	
28	45889	BUFFER RING	1	
29	46127	PISTON ROD	1	
30	49393	GLAND	1	
31	49394	WEAR RING	1	
32	50A-1220	BOLT	1	
33	29B-02	GREASE FITTING	1	
34	*22B-16	CLAMP	1	
35	106C-0808	CONNECTOR	1	
36	110L-20	CONNECTOR	1	
37	*111A-810	CONNECTOR	1	740/740A
38	111B-0808	CONNECTOR	7	
39	111B-0810	CONNECTOR	3	710 thru 730A
	111B-0810	CONNECTOR	2	740/740A

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
40	*111B-0812	CONNECTOR	1	
41	*111E-0808	CONNECTOR	5	
42	*111E-0812	CONNECTOR	2	
43	111E-1008	CONNECTOR	1	
44	111E-1212	CONNECTOR	3	
45	111E-2020	CONNECTOR	1	
46	112A-08	CONNECTOR	1	
47	112B-08	CONNECTOR	1	
48	112B-10	CONNECTOR	1	
49	112C-08	TEE	1	
50	*9313 x 22	HOSE	2	
51	9313 x 25	HOSE	2	
52	9313 x 140	HOSE	2	
53	14382 x 14	HOSE	1	
54	14382 x 28	HOSE	1	
55	*14382 x 36	HOSE	1	740/740A
56	*14382 x 60	HOSE	1	710 thru 730A
57	*28696 x 27	HOSE	1	
58	*41539 x 68	HOSE	1	
59	*48849 x 106	HOSE	1	
60	*12A-013	O RING	1	
61	51286	QUICK DISCONNECT COUPLER - MALE	1	
62	51287	QUICK DISCONNECT COUPLER - FEMALE (FOR TESTING)	1	IN TOOLBOX
63	51288	DUST CAP	1	
64	53567	FITTING - STEERING SUCTION	1	
65	53580	HOSE	1	
66	53619	STEERING PRIORITY/RELIEF VALVE	1	
	55249	**SEAL KIT FOR 53619** - RELIEF VALVE	1	
		INCLUDES O RINGS AND BACK-UP RINGS		
67	**23748**	**CUSHION VALVE**	1	
	26317	**SEAL KIT FOR 23748 - CUSHION VALVE**	1	
68	53620	CONNECTOR	1	
69	53621	HOSE	1	
70	53623	CONNECTOR	1	
71	53624	HOSE	1	
72	53629	TUBE	1	
73	*50A-0616	BOLT	2	
74	14A-06	LOCKWASHER	4	
75	30A-06	NUT	4	
76		STEERING UNIT & COLUMN	REF.	SECTION 1 PAGE 9
77		HYDRAULIC PUMP - MAIN	REF.	SECTION 4 PAGE 1
78		HYDRAULIC PUMP - TRANSMISSION/STEERING	REF.	SECTION 4 PAGE 41
79		MAIN HYDRAULIC CIRCUITS	REF.	SECTION 4
80		CLUTCH MASTER CYLINDER	REF.	SECTION 5 PAGE 7
81		BRAKE MASTER CYLINDER	REF.	SECTION 9 PAGE 5



CHAMPION ROAD MACHINERY

STEERING CYLINDER & CIRCUIT and BOOSTER CIRCUITS

NOVEMBER 1990

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VEA AL VERSO

ISSUE No.
Nº D'ÉMISSION 10
Nº DE EDICION

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21006, 21078, 21080, 21082, 21084, 21086, 21088, 21092 & UP

700 SERIES
SERIE 700

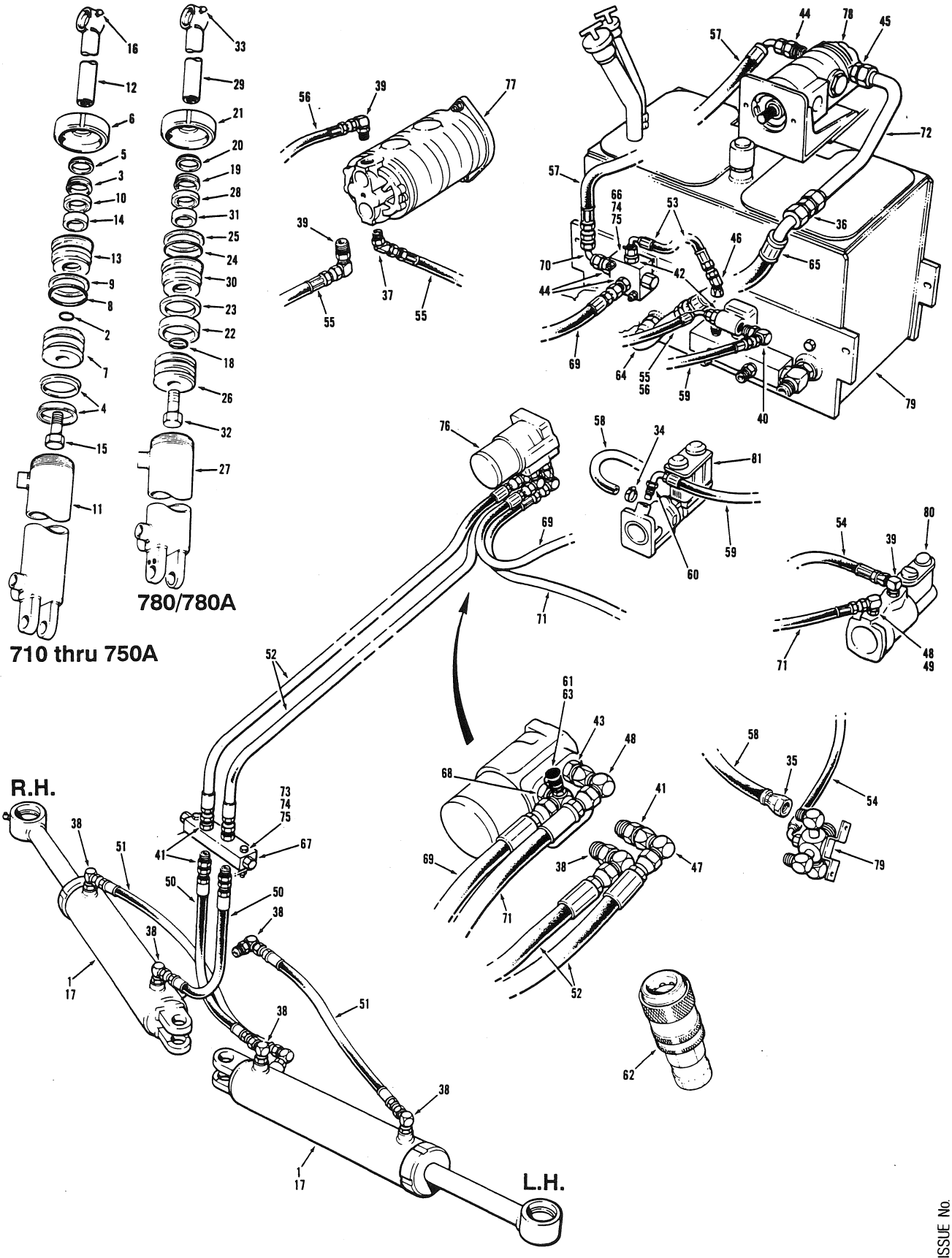
SECTION 1 PAGE 11
SECCION PAGINA

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

STEERING CYLINDER & CIRCUIT and BOOSTER CIRCUITS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	46018	**STEERING CYLINDER ASSEMBLY - R.H.**	1	710 thru 750A
1		- INCLUDES ITEMS 2 TO 16		
	46019	**STEERING CYLINDER ASSEMBLY - L.H.**	1	710 thru 750A
		- INCLUDES ITEMS 2 TO 16		
	48870	**REPAIR KIT FOR CYLINDERS 46018 & 46019**	1	
		- INCLUDES ITEMS 2 TO 5, 8 , 9, 10, 14 & 15		
2	12A-216	O RING	1	
3	12164	ROD SEAL	1	
4	12165	PISTON SEAL	2	
5	12166	WIPER	1	
6	17605	CYLINDER NUT	1	
7	42122	PISTON	1	
8	44243	O RING	1	
9	44343	BACK-UP RING	1	
10	45889	BUFFER RING	1	
11	46020	CYLINDER BARREL - R.H.	1	
	46021	CYLINDER BARREL - L.H.	1	
12	46034	PISTON ROD	1	
13	49393	GLAND	1	
14	49394	WEAR RING	1	
15	50A-1220	BOLT	1	
16	28B-04	GREASE FITTING	1	
	45760	**STEERING CYLINDER ASSEMBLY - R.H.**	1	780/780A
17		- INCLUDES ITEMS 18 TO 33		
	45761	**STEERING CYLINDER ASSEMBLY - L.H.**	1	780/780A
		- INCLUDES ITEMS 18 TO 33		
	48871	**REPAIR KIT FOR CYLINDERS 45760 & 45761**	1	
		- INCLUDES ITEMS 18 TO 20, 23 TO 25, 28, 31 & 32		
18	12A-216	O RING	1	
19	12164	ROD SEAL	1	
20	12166	ROD WIPER	1	
21	17605	CYLINDER NUT	1	
22	30344	WEAR RING	1	
23	43336	PISTON UNIRING	1	
24	44243	O RING	1	
25	44343	BACK-UP RING	1	
26	45736	PISTON	1	
27	45762	CYLINDER BARREL - R.H.	1	
	45761	CYLINDER BARREL - L.H.	1	
28	45889	BUFFER RING	1	
29	46127	PISTON ROD	1	
30	49393	GLAND	1	
31	49394	WEAR RING	1	
32	50A-1220	BOLT	1	
33	29B-02	GREASE FITTING	1	
34	*22D-06	CLAMP	1	
35	106C-0808	CONNECTOR	1	
36	110L-20	CONNECTOR	1	
37	*111A-0810	CONNECTOR	1	740/740A
38	111B-0808	CONNECTOR	7	
39	111B-0810	CONNECTOR	3	710 thru 730A
	111B-0810	CONNECTOR	2	740/740A

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
40	111B-0812	CONNECTOR	1	
41	111E-0808	CONNECTOR	5	
42	111E-0812	CONNECTOR	2	
43	111E-1008	CONNECTOR	1	
44	111E-1212	CONNECTOR	3	
45	111E-2020	CONNECTOR	1	
46	112A-08	CONNECTOR	1	
47	112B-08	CONNECTOR	1	
48	112B-10	CONNECTOR	1	
49	*111F-1010	EXTENDED CONNECTOR	1	
50	*9313 x 22	HOSE	2	
51	9313 x 25	HOSE	2	
52	9313 x 140	HOSE	2	
53	14382 x 14	HOSE	1	
54	*14382 x 30	HOSE	1	
55	*14382 x 30	HOSE	1	740/740A
56	14382 x 60	HOSE	1	710 thru 730A
57	28696 x 27	HOSE	1	
58	41539 x 68	HOSE	1	
59	*48849 x 116	HOSE	1	
60	12A-013	O RING	1	
61	51286	QUICK DISCONNECT COUPLER - MALE	1	
62	51287	QUICK DISCONNECT COUPLER - FEMALE (FOR TESTING)	1	IN TOOLBOX
63	51288	DUST CAP	1	
64	53567	FITTING - STEERING SUCTION	1	
65	53580	HOSE	1	
66	53619	STEERING PRIORITY/RELIEF VALVE	1	
	55249	**SEAL KIT FOR 53619 - RELIEF VALVE**	1	
		INCLUDES O RINGS AND BACK-UP RINGS		
67	23748	CUSHION VALVE	1	
	26317	SEAL KIT FOR 23748 - CUSHION VALVE	1	
68	53620	CONNECTOR	1	
69	53621	HOSE	1	
70	53623	CONNECTOR	1	
71	53624	HOSE	1	
72	53629	TUBE	1	
73	50A-0616	BOLT	2	
74	14A-06	LOCKWASHER	4	
75	30A-06	NUT	4	
76		STEERING UNIT & COLUMN	REF.	SECT 1 PG 9
77		HYDRAULIC PUMP - MAIN	REF.	SECT 3 PG 1
78		HYDRAULIC PUMP - TRANSMISSION/STEERING	REF.	SECT 4 PG 41
79		MAIN HYDRAULIC CIRCUITS	REF.	SECT 4
80		CLUTCH MASTER CYLINDER	REF.	SECT 5 PG 7
81		BRAKE MASTER CYLINDER	REF.	SECT 9 PG 5



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S) 21053 & UP

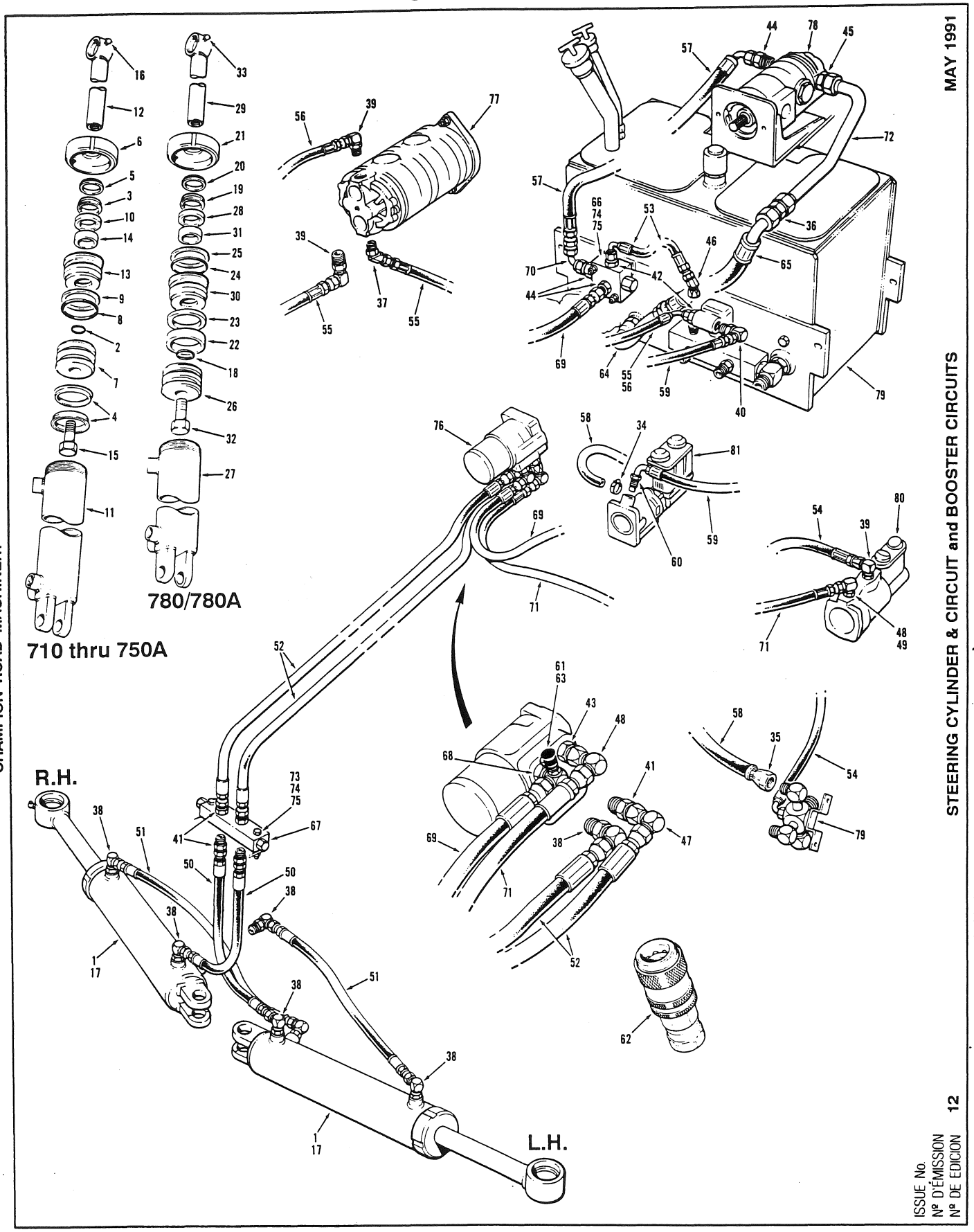
SECTION / SECCION 1 | PAGE / PAGINA 12 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 11

STEERING CYLINDER & CIRCUIT and BOOSTER CIRCUITS

FERRUARY 1991

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	46018	**STEERING CYLINDER ASSEMBLY** - R.H.	1	710 thru 750A
1		- INCLUDES ITEMS 2 TO 16		
	46019	**STEERING CYLINDER ASSEMBLY** - L.H.	1	710 thru 750A
		- INCLUDES ITEMS 2 TO 16		
	48870	**REPAIR KIT FOR CYLINDERS 46018 & 46019**	1	
		- INCLUDES ITEMS 2 TO 5, 8 , 9, 10, 14 & 15		
2	12A-216	O RING	1	
3	12164	ROD SEAL	1	
4	12165	PISTON SEAL	2	
5	12166	WIPER	1	
6	17605	CYLINDER NUT	1	
7	42122	PISTON	1	
8	44243	O RING	1	
9	44343	BACK-UP RING	1	
10	45889	BUFFER RING	1	
11	46020	CYLINDER BARREL - R.H.	1	
	46021	CYLINDER BARREL - L.H.	1	
12	46034	PISTON ROD	1	
13	49393	GLAND	1	
14	49394	WEAR RING	1	
15	50A-1220	BOLT	1	
16	28B-04	GREASE FITTING	1	
	*59079	**STEERING CYLINDER ASSEMBLY** - R.H.	1	780/780A
17		- INCLUDES ITEMS 18 TO 33		
	*59080	**STEERING CYLINDER ASSEMBLY** - L.H.	1	780/780A
		- INCLUDES ITEMS 18 TO 33		
	48871	**REPAIR KIT FOR CYLINDERS 59079 & 59080**	1	
		- INCLUDES ITEMS 18 TO 20, 23 TO 25, 28, 31 & 32		
18	12A-216	O RING	1	
19	12164	ROD SEAL	1	
20	12166	ROD WIPER	1	
21	17605	CYLINDER NUT	1	
22	30344	WEAR RING	1	
23	43336	PISTON UNIRING	1	
24	44243	O RING	1	
25	44343	BACK-UP RING	1	
26	45736	PISTON	1	
27	*59081	CYLINDER BARREL - R.H.	1	
	*59082	CYLINDER BARREL - L.H.	1	
28	45889	BUFFER RING	1	
29	*59083	PISTON ROD	1	
30	49393	GLAND	1	
31	49394	WEAR RING	1	
32	50A-1220	BOLT	1	
33	29B-02	GREASE FITTING	1	
34	22D-06	CLAMP	1	
35	106C-0808	CONNECTOR	1	
36	110L-20	CONNECTOR	1	
37	111A-0810	CONNECTOR	1	740/740A
38	111B-0808	CONNECTOR	7	
39	111B-0810	CONNECTOR	3	710 thru 730A
	111B-0810	CONNECTOR	2	740/740A

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
40	111B-0812	CONNECTOR	1	
41	111E-0808	CONNECTOR	5	
42	111E-0812	CONNECTOR	2	
43	111E-1008	CONNECTOR	1	
44	111E-1212	CONNECTOR	3	
45	111E-2020	CONNECTOR	1	
46	112A-08	CONNECTOR	1	
47	112B-08	CONNECTOR	1	
48	112B-10	CONNECTOR	1	
49	111F-1010	EXTENDED CONNECTOR	1	
50	*9313 x 18	HOSE	2	
51	9313 x 25	HOSE	2	
52	9313 x 140	HOSE	2	
53	14382 x 14	HOSE	1	
54	14382 x 30	HOSE	1	
55	14382 x 30	HOSE	1	740/740A
56	14382 x 60	HOSE	1	710 thru 730A
57	28696 x 27	HOSE	1	
58	41539 x 68	HOSE	1	
59	48849 x 116	HOSE	1	
60	12A-013	O RING	1	
61	51286	QUICK DISCONNECT COUPLER - MALE	1	
62	51287	QUICK DISCONNECT COUPLER - FEMALE (FOR TESTING)	1	IN TOOLBOX
63	51288	DUST CAP	1	
64	53567	FITTING - STEERING SUCTION	1	
65	53580	HOSE	1	
66	53619	STEERING PRIORITY/RELIEF VALVE	1	
	55249	**SEAL KIT FOR 53619** - RELIEF VALVE	1	
		INCLUDES O RINGS AND BACK-UP RINGS		
67	23748	**CUSHION VALVE**	1	
	26317	**SEAL KIT FOR 23748 - CUSHION VALVE**	1	
68	53620	CONNECTOR	1	
69	53621	HOSE	1	
70	53623	CONNECTOR	1	
71	53624	HOSE	1	
72	53629	TUBE	1	
73	50A-0616	BOLT	2	
74	14A-06	LOCKWASHER	4	
75	30A-06	NUT	4	
76		STEERING UNIT & COLUMN	REF.	Sect 1 Pg 9
77		HYDRAULIC PUMP - MAIN	REF.	Sect 3 Pg 1
78		HYDRAULIC PUMP - TRANSMISSION/STEERING	REF.	Sect 4 Pg 41
79		MAIN HYDRAULIC CIRCUITS	REF.	Sect 4
80		CLUTCH MASTER CYLINDER	REF.	Sect 5 Pg 7
81		BRAKE MASTER CYLINDER	REF.	Sect 9 Pg 5



CHAMPION ROAD MACHINERY

STEERING CYLINDER & CIRCUIT and BOOSTER CIRCUITS

MAY 1991

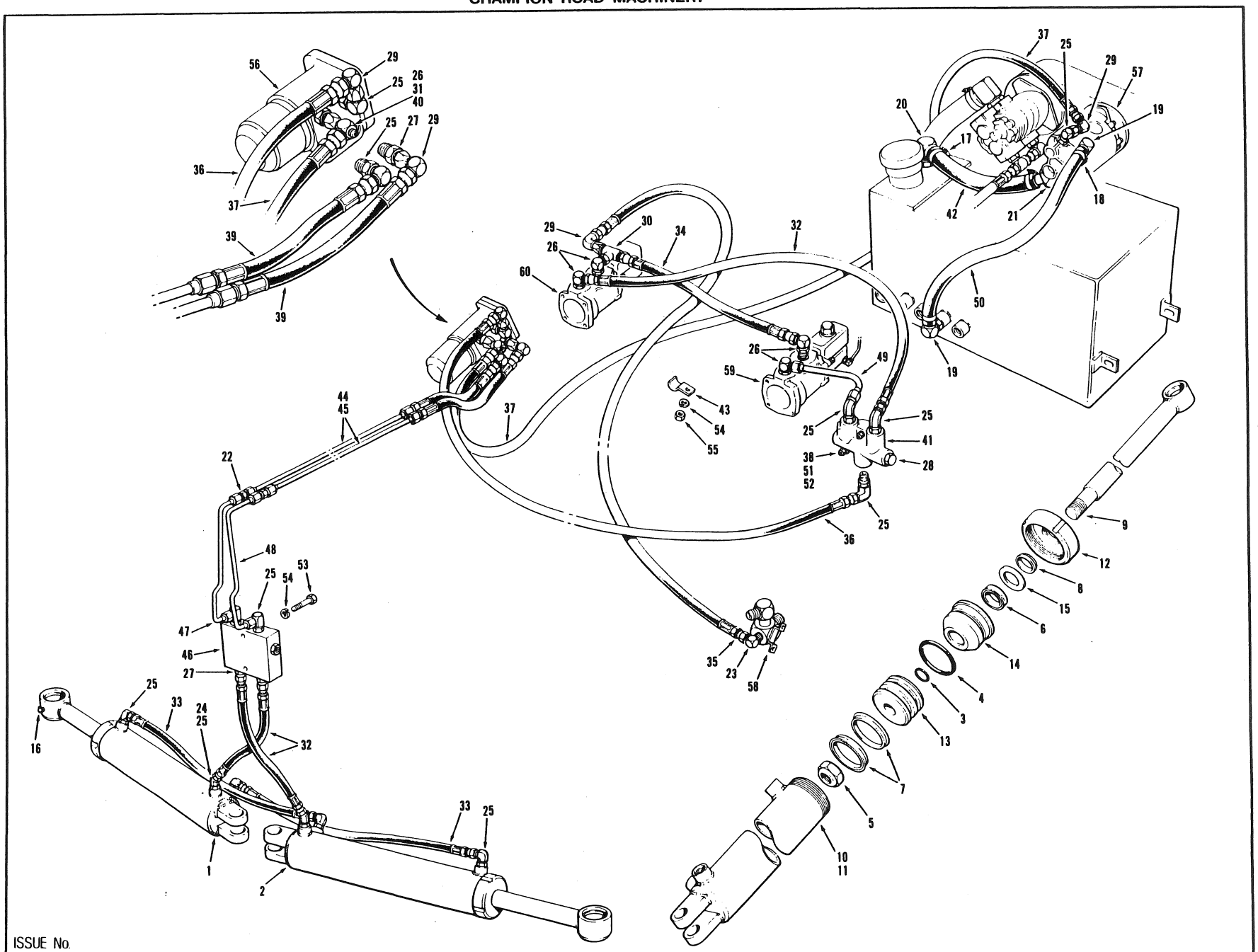
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 12

FOR LIST OF PARTS - TURN THIS PAGE — PARA LA LISTA DE LAS PIEZAS VEA AL VERSO — PARA LA LISTA DE LAS PIEZAS VEA AL VERSO

EFFECTIVE SERIAL NUMBER(S) 21450 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

STEERING CYLINDER & CIRCUIT and BOOSTER CIRCUITS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	*59362	**STEERING CYLINDER ASSEMBLY** - R.H. - INCLUDES ITEMS 2 to 16	1	710 thru 750A
	*59363	**STEERING CYLINDER ASSEMBLY** - L.H. - INCLUDES ITEMS 2 to 16	1	710 thru 750A
	48870	**REPAIR KIT FOR CYLINDERS 59362 & 59363** - INCLUDES ITEMS 2 to 5, 8 , 9, 10, 14 & 15	1	
2	12A-216	O-RING	1	
3	12164	ROD SEAL	1	
4	12165	PISTON SEAL	2	
5	12166	WIPER	1	
6	17605	CYLINDER NUT	1	
7	42122	PISTON	1	
8	44243	O RING	1	
9	44343	BACK-UP RING	1	
10	45889	BUFFER RING	1	
11	46020	CYLINDER BARREL - R.H.	1	
	46021	CYLINDER BARREL - L.H.	1	
12	*59357	PISTON ROD	1	
13	49393	GLAND	1	
14	49394	WEAR RING	1	
15	50A-1220	BOLT	1	
16	28B-04	GREASE FITTING	1	
17	59079	**STEERING CYLINDER ASSEMBLY** - R.H. - INCLUDES ITEMS 18 to 33	1	780/780A
	59080	**STEERING CYLINDER ASSEMBLY** - L.H. - INCLUDES ITEMS 18 to 33	1	780/780A
	48871	**REPAIR KIT FOR CYLINDERS 59079 & 59080** - INCLUDES ITEMS 18 to 20, 23 to 25, 28, 31 & 32	1	
18	12A-216	O-RING	1	
19	12164	ROD SEAL	1	
20	12166	ROD WIPER	1	
21	17605	CYLINDER NUT	1	
22	30344	WEAR RING	1	
23	43336	PISTON UNIRING	1	
24	44243	O-RING	1	
25	44343	BACK-UP RING	1	
26	45736	PISTON	1	
27	59081	CYLINDER BARREL - R.H.	1	
	59082	CYLINDER BARREL - L.H.	1	
28	45889	BUFFER RING	1	
29	59083	PISTON ROD	1	
30	49393	GLAND	1	
31	49394	WEAR RING	1	
32	50A-1220	BOLT	1	
33	29B-02	GREASE FITTING	1	
34	22D-06	CLAMP	1	
35	106C-0808	CONNECTOR	1	
36	110L-20	CONNECTOR	1	
37	111A-0810	CONNECTOR	1	740/740A
38	111B-0808	CONNECTOR	7	
39	111B-0810	CONNECTOR	3	710 thru 730A
	111B-0810	CONNECTOR	2	740/740A
40	111B-0812	CONNECTOR	1	
41	111E-0808	CONNECTOR	5	
42	111E-0812	CONNECTOR	2	
43	111E-1008	CONNECTOR	1	
44	111E-1212	CONNECTOR	3	
45	111E-2020	CONNECTOR	1	
46	112A-08	CONNECTOR	1	
47	112B-08	CONNECTOR	1	
48	112B-10	CONNECTOR	1	
49	111F-1010	EXTENDED CONNECTOR	1	
50	9313 x 18	HOSE	2	
51	9313 x 25	HOSE	2	
52	9313 x 140	HOSE	2	
53	14382 x 14	HOSE	1	
54	14382 x 30	HOSE	1	
55	14382 x 30	HOSE	1	740/740A
56	14382 x 60	HOSE	1	710 thru 730A
57	28696 x 27	HOSE	1	
58	41539 x 68	HOSE	1	
59	48849 x 116	HOSE	1	
60	12A-013	O RING	1	
61	51286	QUICK DISCONNECT COUPLER - MALE	1	
62	51287	QUICK DISCONNECT COUPLER - FEMALE (FOR TESTING)	1	IN TOOLBOX
63	51288	DUST CAP	1	
64	53567	FITTING - STEERING SUCTION	1	
65	53580	HOSE	1	
66	53619	STEERING PRIORITY/RELIEF VALVE	1	
	55249	**SEAL KIT FOR 53619** - RELIEF VALVE INCLUDES O-RINGS AND BACK-UP RINGS	1	
67	23748	**CUSHION VALVE**	1	
	26317	**SEAL KIT FOR 23748 - CUSHION VALVE**	1	
68	53620	CONNECTOR	1	
69	53621	HOSE	1	
70	53623	CONNECTOR	1	
71	53624	HOSE	1	
72	53629	TUBE	1	
73	50A-0616	BOLT	2	
74	14A-06	LOCKWASHER	4	
75	30A-06	NUT	4	
76		STEERING UNIT & COLUMN	REF.	Sect 1 Pg 9
77		HYDRAULIC PUMP - MAIN	REF.	Sect 3 Pg 1
78		HYDRAULIC PUMP - TRANSMISSION/STEERING	REF.	Sect 4 Pg 41
79		MAIN HYDRAULIC CIRCUITS	REF.	Sect 4
80		CLUTCH MASTER CYLINDER	REF.	Sect 5 Pg 7
81		BRAKE MASTER CYLINDER	REF.	Sect 9 Pg 5



EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 1
SECCION 1

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USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1

STEERING CYLINDER & CIRCUIT - MODEL 720 THRU 760

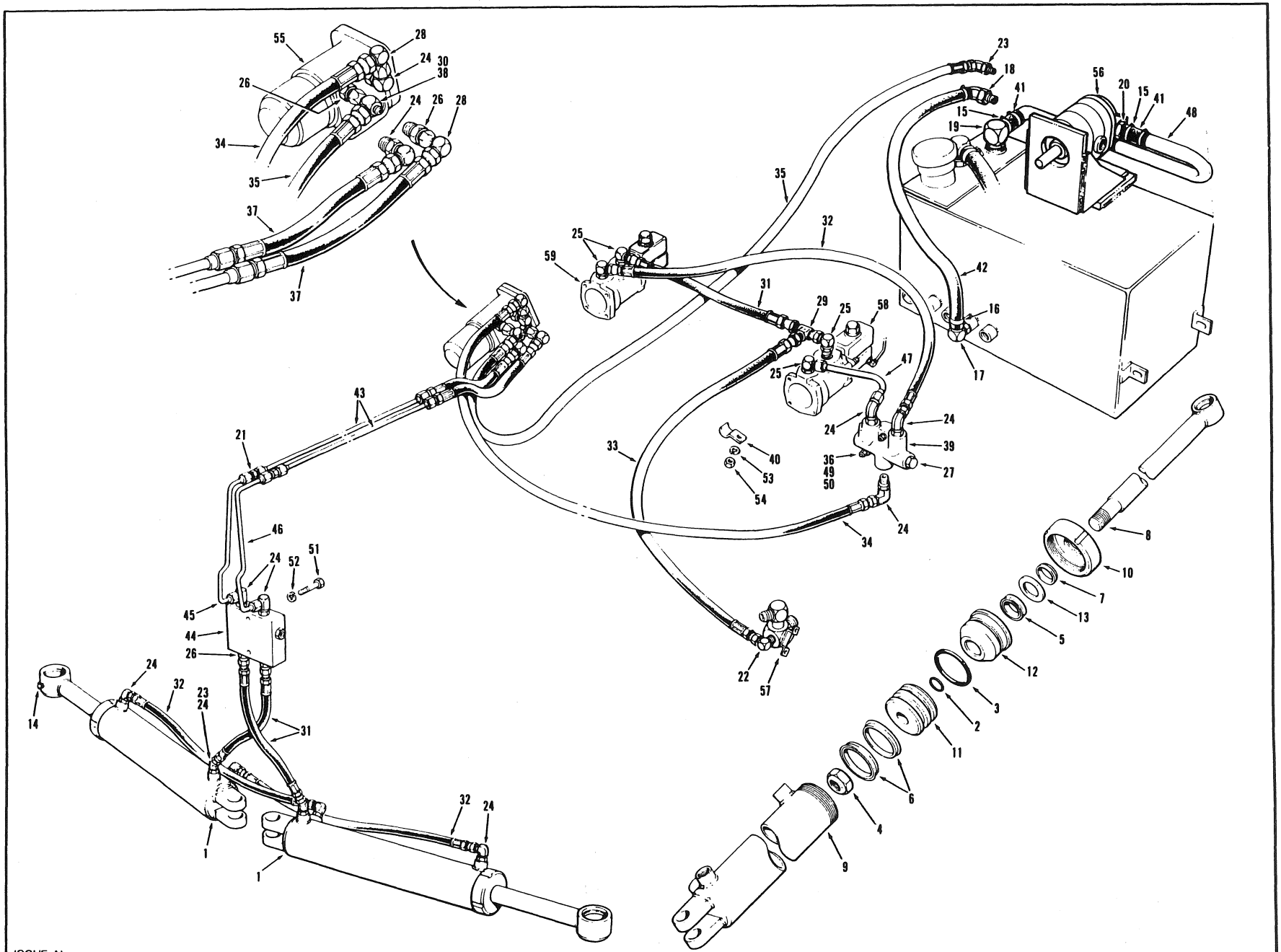
OCTOBER 1984

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

STEERING CYLINDER & CIRCUIT - MODEL 720 THRU 760

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	17030	STEERING CYLINDER ASSEMBLY - R.H.	1	
2	17031	STEERING CYLINDER ASSEMBLY - L.H.	1	
3	12A-214	O RING	1	
4	12A-334	O RING	1	
5	37H-16	LOCKNUT	1	
6	12164	ROD SEAL	1	
7	12165	PISTON SEAL	2	
8	12166	WIPER	1	
9	16911	PISTON ROD	1	
10	16912	CYLINDER BARREL - L.H.	1	
11	16913	CYLINDER BARREL - R.H.	1	
12	17605	CYLINDER NUT	1	
13	17606	PISTON	1	
14	17607	GLAND	1	
15	17613	WASHER	1	
16	29B-02	GREASE FITTING	1	
	26408	REPAIR KIT FOR CYLINDER ASSY. - INCLUDES ITEMS 3 TO 8 & 15	A.R.	
17	22A-175	CLAMP	2	
18	22B-12	CLAMP	2	
19	108A-1212	CONNECTOR	2	
20	108A-2020	CONNECTOR	1	
21	108B-2020	CONNECTOR	1	
22	110L-0808	CONNECTOR	2	
23	110R-0808	CONNECTOR	1	
24	111A-0808	CONNECTOR	2	
25	111B-0808	CONNECTOR	12-14	
26	111B-0810	CONNECTOR	4	
27	111E-0808	CONNECTOR	4	
28	111H-06	PLUG	1	
29	112B-08	CONNECTOR	4	
30	112D-08	TEE	1	
31	115D-02	PLUG	1	
32	9313 X 18	HOSE	3	
33	9313 X 25	HOSE	2	
34	9313 X 39	HOSE	1	
35	9313 X 72	HOSE	1	
36	0313 X 90	HOSE	1	
37	9313 X 223	HOSE	1	
38	9730-2	BUSHING	2	
39	14369 X 10.5	HOSE	2	
40	16424	CONNECTOR - C/W ITEM 31	1	
41	16947	DIVIDER VALVE ASSY.	1	
42	17162 X 17	HOSE	1	
43	8570	CLAMP	1	
44	23498	TUBE	2	720,720A, 730 & 730A
45	23499	TUBE	2	740,740A & 760
46	23748	CUSHION VALVE	1	
47	23961	TUBE	1	
48	23962	TUBE	1	
49	32474	TUBE	1	
50	32858 X 30	HOSE	1	
51	14A-04	LOCKWASHER	2	
52	30A-04	NUT	2	
53	50A-0516	BOLT	2	
54	14A-05	LOCKWASHER	4	
55	30A-05	NUT	2	
	26317	SEAL REPAIR KIT FOR 23748 CUSHION VALVE	A.R.	
56		STEERING UNIT & COLUMN	REF.	SECTION 1 PAGE 9/10
57		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 1/2
58		PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4 PAGE 15/16
59		CLUTCH MASTER CYLINDER & BOOSTER ASSEMBLY	REF.	SECTION 5 PAGE 7/8
60		BRAKE MASTER CYLINDER & BOOSTER ASSEMBLY	REF.	SECTION 9 PAGE 3/4



EFFECTIVE SERIAL NUMBER(S) 16798 UP TO 16892
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2420-2 UP TO 2465-2

700 SERIES
SERIE 700

SECTION 1 PAGE 13
SECCION 1 PAGINA 13

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION A

STEERING CYLINDER & CIRCUIT - MODEL 740 THRU 760

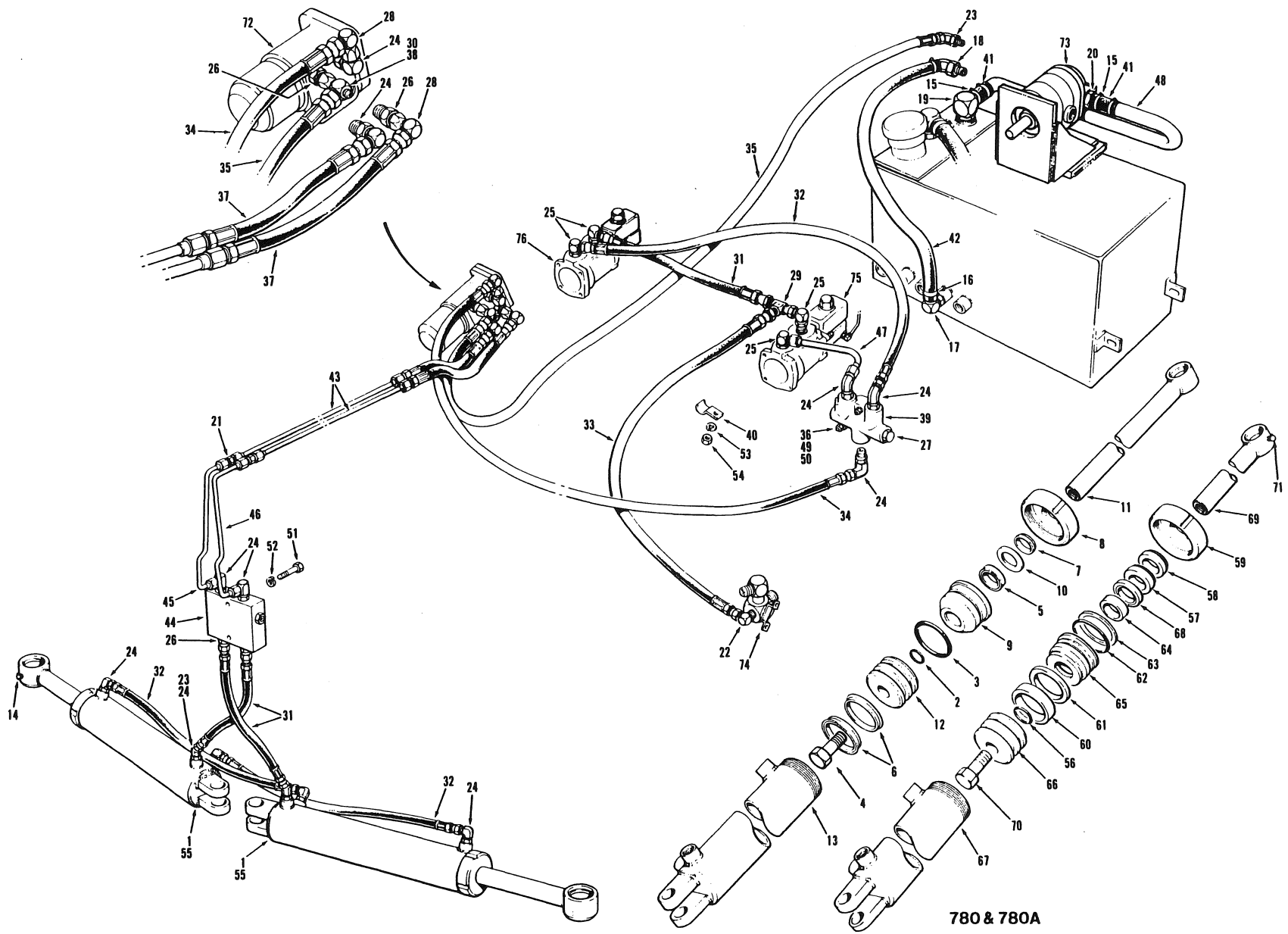
FEBRUARY 1986

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STEERING CYLINDER & CIRCUIT - MODEL 740 THRU 760

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	17030	STEERING CYLINDER ASSEMBLY - R.H.	1	
	17031	STEERING CYLINDER ASSEMBLY - L.H.	1	
2	12A-214	O RING	1	
3	12A-334	O RING	1	
4	37H-16	LOCKNUT	1	
5	12164	ROD SEAL	1	
6	12165	PISTON SEAL	2	
7	12166	WIPER	1	
8	16911	PISTON ROD	1	
9	16912	CYLINDER BARREL - L.H.	1	
	16913	CYLINDER BARREL - R.H.	1	
10	17605	CYLINDER NUT	1	
11	17607	PISTON		
12	17607	GLAND	1	
13	17613	WASHER	1	
14	29B-02	GREASE FITTING	1	
	26408	REPAIR KIT FOR CYLINDER ASSY. - INCLUDES ITEMS 2 TO 8 & 14	A.R.	
15	22A-175	CLAMP	4	
16	22B-12	CLAMP	2	
17	108A-1212	CONNECTOR	1	
18	108B-1212	CONNECTOR	1	
19	108A-2020	CONNECTOR	1	
20	108C-2020	CONNECTOR	1	
21	110L-08	CONNECTOR	2	
22	110R-0808	CONNECTOR	1	
23	111A-0808	CONNECTOR	A.R.	
24	111B-0808	CONNECTOR	A.R.	
25	111B-0810	CONNECTOR	4	
26	111E-0808	CONNECTOR	4	
27	111H-06	PLUG	1	
28	112B-08	CONNECTOR	4	
29	112C-08	TEE	1	
30	115D-02	PLUG	1	
31	9313 X 18	HOSE	3	
32	9313 X 25	HOSE	3	
33	9313 X 28	HOSE	1	
34	9313 X 90	HOSE	1	
35	9313 X 223	HOSE	1	
36	9730-2	BUSHING	2	
37	14369 X 10.5	HOSE	2	
38	16424	CONNECTOR - C/W ITEM 30	1	
39	16947	DIVIDER VALVE ASSY.	1	
40	19244	CLAMP	3	
41	17162 X 3.5	HOSE	2	
42	32858 X 34	HOSE	1	
43	23499	TUBE	2	740, 740A & 760
44	23748	CUSHION VALVE	1	
45	23961	TUBE	1	
46	23962	TUBE	1	
47	41477	TUBE	1	
48	41924	TUBE	1	
49	14A-04	LOCKWASHER	2	
50	30A-04	NUT	2	
51	50A-0516	BOLT	2	
52	14A-05	LOCKWASHER	4	
53	14A-06	LOCKWASHER	3	
54	30A-06	NUT	3	
	26317	SEAL REPAIR KIT FOR 23748 CUSHION VALVE	A.R.	
55		STEERING UNIT & COLUMN	REF.	SECTION 1 PAGE 10
56		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
57		PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4 PAGE 16
58		CLUTCH MASTER CYLINDER & BOOSTER ASSEMBLY	REF.	SECTION 5 PAGE 8
59		BRAKE MASTER CYLINDER & BOOSTER ASSEMBLY	REF.	SECTION 9 PAGE 4



EFFECTIVE SERIAL NUMBER(S) 16893 TO 17932
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2466-2 TO 2511-2

700 SERIES
SERIE 700

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SECCION 1 PAGINA 13

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
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Nº DE EDICION 3 REVISION C

STEERING CYLINDER & CIRCUIT - MODEL 740 THRU 780A

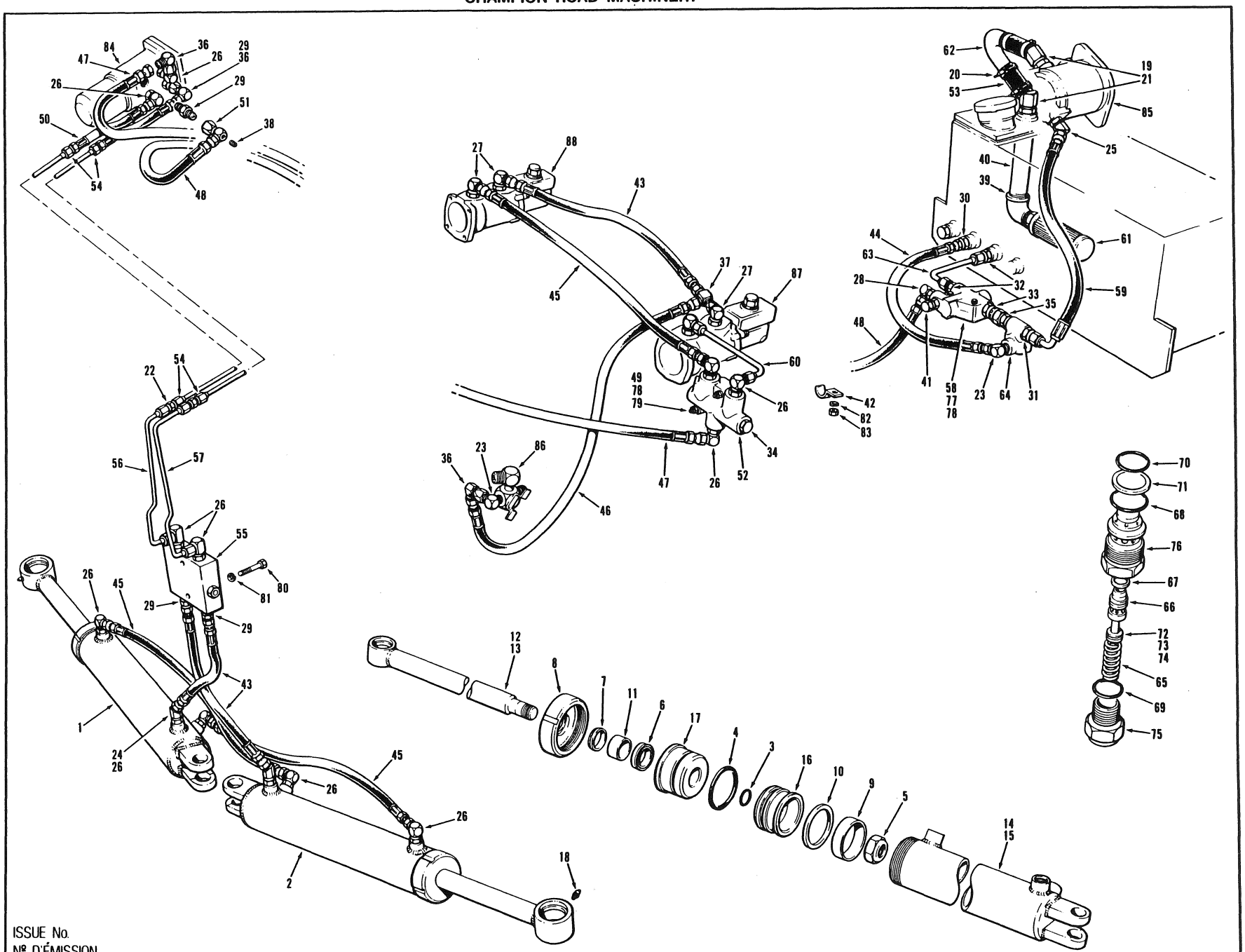
JUNE 1988

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

STEERING CYLINDER & CIRCUIT - MODELS 740 THRU 780A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	43103	STEERING CYLINDER - L.H. INCLUDES ITEMS 2 TO 14	1	EXCEPT 780 & 780A
1	43104	STEERING CYLINDER - R.H. INCLUDES ITEMS 2 TO 14	1	EXCEPT 780 & 780A
2	12A-216	O RING	1	
3	*44243	O RING	1	
4	51A-1220	BOLT	1	
5	12164	ROD SEAL	1	
6	12165	PISTON SEAL	2	
7	12166	WIPER	1	
8	17605	CYLINDER NUT	1	
9	17607	GLAND	1	
10	17613	WASHER	1	
11	42121	PISTON ROD	1	
12	42122	PISTON	1	
13	43105	CYLINDER BARREL - L.H.	1	
13	43106	CYLINDER BARREL - R.H.	1	
14	29B-02	GREASE FITTING	1	
	42975	REPAIR KIT FOR CYLINDER ASSY. - INCLUDES ITEMS 2 TO 7 & 10	A.R.	
15	22A-175	CLAMP	4	
16	22A-12	CLAMP	2	
17	108A-1212	CONNECTOR	1	
18	108B-1212	CONNECTOR	1	
19	108A-2020	CONNECTOR	1	
20	108C-2020	CONNECTOR	1	
21	110L-08	CONNECTOR	2	
22	110R-0808	CONNECTOR	1	
23	111A-0808	CONNECTOR	A.R.	
24	111B-0808	CONNECTOR	A.R.	
25	111B-0810	CONNECTOR	4	
26	111E-0808	CONNECTOR	4	
27	111H-06	PLUG	1	
28	112B-08	CONNECTOR	4	
29	112C-08	TEE	1	
30	115D-02	PLUG	1	
31	9313 X 18	HOSE	3	
32	9313 X 25	HOSE	3	
33	9313 X 28	HOSE	1	
34	9313 X 90	HOSE	1	
35	9313 X 223	HOSE	1	
36	9730-2	BUSHING	2	
37	14369 X 10.5	HOSE	2	
38	16424	CONNECTOR - C/W ITEM 30	1	
39	16947	DIVIDER VALVE ASSY.	1	
40	19244	CLAMP	3	
41	17162 X 3.5	HOSE	2	
42	32858 X 34	HOSE	1	
43	23499	TUBE	2	
44	23748	CUSHION VALVE	1	
45	23961	TUBE	1	
46	23962	TUBE	1	
47	41477	TUBE	1	
48	41924	TUBE	1	
49	14A-04	LOCKWASHER	2	
50	30A-04	NUT	2	
51	50A-0516	BOLT	2	
52	14A-05	LOCKWASHER	4	
53	14A-06	LOCKWASHER	3	
54	30A-06	NUT	3	
55	45760	STEERING CYLINDER ASSY. - R.H. INCLUDES ITEMS 56 TO 71	1	MODELS 780 & 780A
55	45761	STEERING CYLINDER ASSY. - L.H. INCLUDES ITEMS 56 TO 71	1	MODELS 780 & 780A
56	12A-216	O RING	1	
57	12164	ROD SEAL	1	
58	12166	ROD WIPER	1	
59	17605	CYLINDER NUT	1	
60	30344	WEAR RING	1	
61	43336	PISTON UNIRING	1	
62	44243	O RING	1	
63	44343	BACK-UP RING	1	
64	44431	WEAR RING	1	
65	45733	GLAND	1	
66	45736	PISTON	1	
67	45762	CYLINDER BARREL - R.H.	1	
67	45781	CYLINDER BARREL - L.H.	1	
68	45889	BURRER RING	1	
69	46127	PISTON RING	1	
70	50A-1220	BOLT	1	
71	29B-02	GREASE FITTING	1	
	26317	SEAL REPAIR KIT FOR 23748 CUSHION VALVE	A.R.	
72		STEERING UNIT & COLUMN	REF.	SECTION 1 PAGE 10
73		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
74		PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4 PAGE 16
75		CLUTCH MASTER CYLINDER & BOOSTER ASSEMBLY	REF.	SECTION 5 PAGE 8
76		BRAKE MASTER CYLINDER & BOOSTER ASSEMBLY	REF.	SECTION 9 PAGE 4



ISSUE No.
Nº D'ÉMISSION
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STEERING CYLINDER & CIRCUIT - ALL WHEEL DRIVE

JANUARY 1986

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EFFECTIVE SERIAL NUMBER(S) 16224,16245 UP TO 16341
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 UP TO 2109-2

700 SERIES
SERIE 700

SECTION 1 PAGE 15
SECCION 1 PAGINA 15

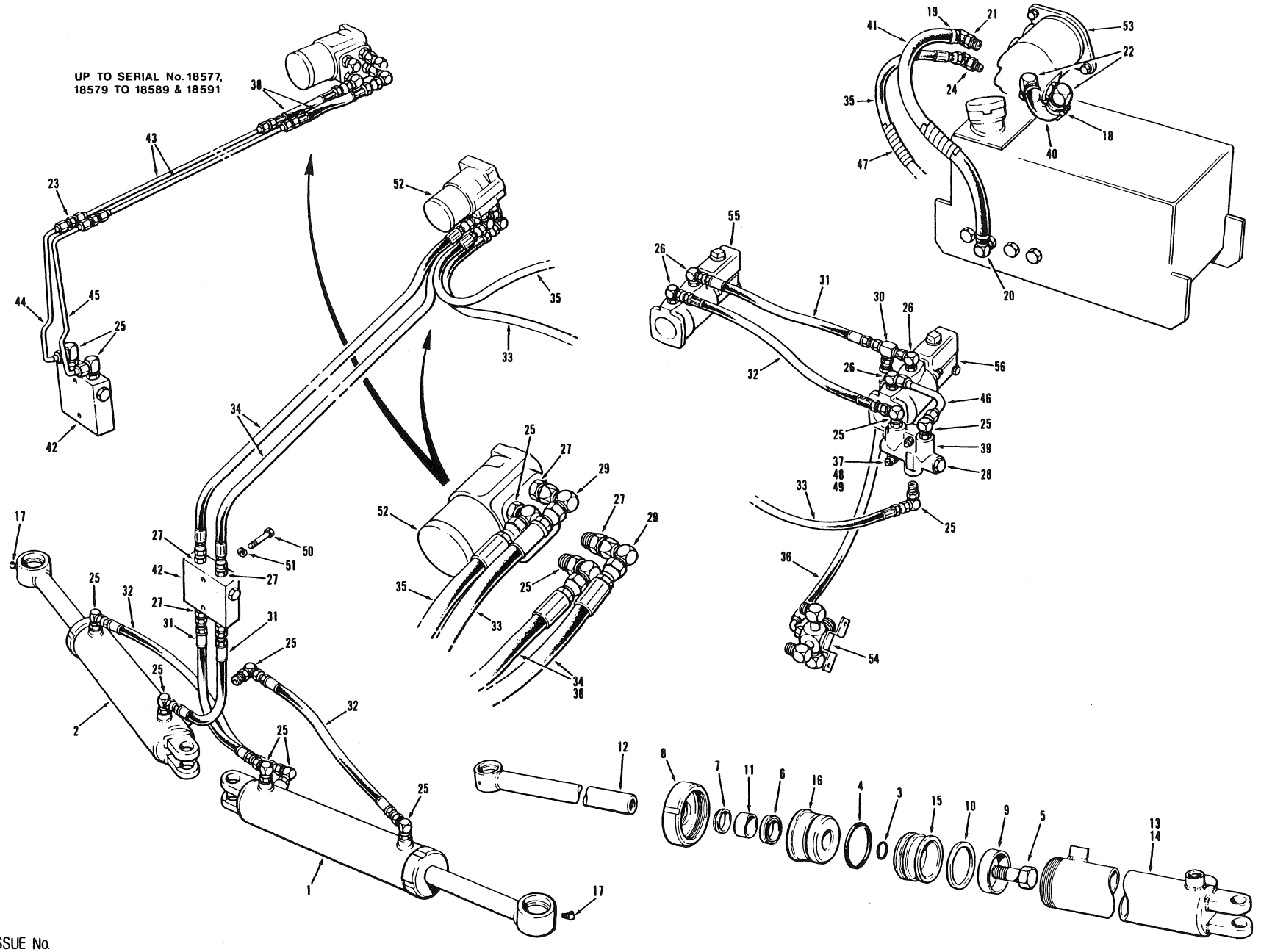
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SECTION / SECCION 1 | PAGE / PAGINA 16 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 1 REVISION A

STEERING CYLINDER & CIRCUIT - ALL WHEEL DRIVE

JANUARY 1986

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	36225	STEERING CYLINDER ASSEMBLY - R.H. INCLUDES ITEMS 3 TO 12 & 15 & 16 & 17	1	
2	36226	STEERING CYLINDER ASSEMBLY - L.H. INCLUDES ITEMS 3 TO 14 & 16 & 17	1	
3	12A-214	O RING	1	
4	12A-334	O RING	1	
5	37H-16	LOCKNUT	1	
6	12164	ROD SEAL	1	
7	12166	WIPER	1	
8	17605	CYLINDER NUT	1	
9	30344	PISTON RING	1	
10	30345	PISTON SEAL	1	
11	35304	WEAR RING	1	
12	36219	PISTON ROD - R.H.	1	
13	36220	PISTON ROD - L.H.	1	
14	36222	CYLINDER BARREL - R.H.	1	
15	36223	CYLINDER BARREL - L.H.	1	
16	36224	PISTON	1	
17	36279	GLAND	1	
18	29B-02	GREASE FITTING	1	
19	12A-218	O RING	2	
20	22A-175	CLAMP	4	
21	108B-2020	CONNECTOR - C/W ITEM 16	2	
22	110L-08	CONNECTOR	2	
23	110R-0808	CONNECTOR	2	
24	111A-0808	CONNECTOR	A.R.	
25	111A-1212	CONNECTOR	1	
26	111B-0808	CONNECTOR	A.R.	
27	111B-0810	CONNECTOR	4	
28	111B-0812	CONNECTOR	1	
29	111E-0808	CONNECTOR	4	
30	111E-0812	CONNECTOR	1	
31	111E-1012	CONNECTOR	1	
32	111E-1212	CONNECTOR	2	
33	111G-1012	ADAPTER	1	
34	111H-06	PLUG	1	
35	111P-10	NIPPLE	1	
36	112B-08	CONNECTOR	3	
37	112C-08	TEE	1	
38	115D-02	PLUG	1	
39	115J-2424	ELBOW	1	
40	115Z-2420	NIPPLE	1	
41	115AB-08	CAP	1	
42	8570	CLIP	A.R.	
43	9313 X 18	HOSE	3	
44	9312 X 22	HOSE	1	
45	9313 X 25	HOSE	3	
46	9313 X 28	HOSE	1	
47	9313 X 90	HOSE	1	
48	9313 X 223	HOSE	1	
49	9730-2	BUSHING	2	
50	14369 X 10.5	HOSE	2	
51	16424	CONNECTOR - C/W ITEM 37	1	
52	16947	DIVIDER VALVE	1	
53	17162 X 4	HOSE	2	
54	23498	TUBE	2	
55	23748	CUSHION VALVE	1	
56	23961	TUBE	1	
57	23962	TUBE	1	
58	27892	FLOW DIVIDER VALVE	1	
59	28696 X 36	HOSE	1	
60	32474	TUBE	1	
61	32668	STRAINER	1	
62	41458	TUBE	1	
	41459	TUBE	1	
63	26317	SEAL REPAIR KIT FOR 23748 CUSHION VALVE	A.R.	
64	40234	RELIEF VALVE ASSY. - C/W ITEMS 64 TO 75	1	
65	27552	SPRING	1	
	27547	SERVICE KIT - C/W ITEMS 65 & 66	A.R.	
66		POPPET	1	
67		PISTON RING	1	
	27551	SEAL KIT - C/W ITEMS 67 TO 70		
68		O RING	1	
69		O RING	1	
70		O RING	1	
71		BACK-UP RING	1	
72		SHIM - 0.25mm	A.R.	
73		SHIM - 0.51mm	A.R.	
74		SHIM - 1.02mm	A.R.	
75		CAP	1	
76		BODY	1	
77	50A-0416	BOLT	2	
78	14A-04	LOCKWASHER	4	
79	30A-04	NUT	2	
80	50A-0516	BOLT	2	
81	14A-05	LOCKWASHER	2	
82	14A-06	LOCKWASHER	A.R.	
83	30A-06	NUT	A.R.	
84		STEERING UNIT & COLUMN	REF.	SECTION 1 PAGE 9/10
85		HYDRAULIC PUMP	REF.	SECTION 4 PAGE1/2
86		TEE ASSEMBLY	REF.	SECTION 4 PAGE 31/32
87		CLUTCH MASTER CYLINDER	REF.	SECTION 5 PAGE 7/8
88		BRAKE MASTER CYLINDER	REF.	SECTION 9 PAGE 3/4



EFFECTIVE SERIAL NUMBER(S) 16342 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2110-2 & UP

700 SERIES
SERIE 700

SECTION 1 PAGE 15
SECCION 1 PAGINA 15

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION A

STEERING CYLINDER & CIRCUIT - ALL WHEEL DRIVE

JUNE 1988

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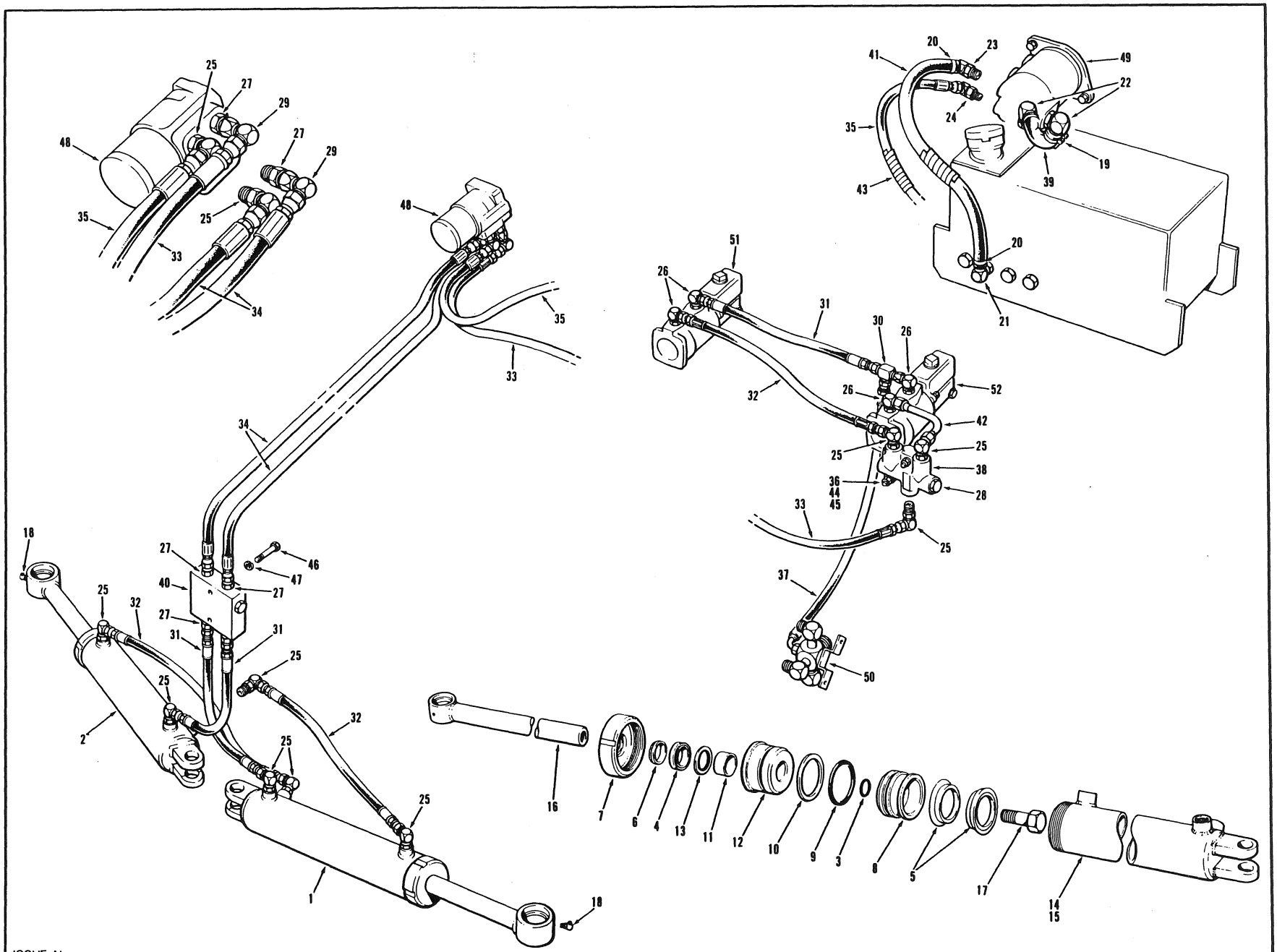
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SECTION / SECCION 1 — PAGE / PAGINA 16 — ISSUE No. / N° D'ÉMISSION / N° DE EDICION 2 REVISION A

STEERING CYLINDER & CIRCUIT - ALL WHEEL DRIVE

JUNE 1988

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	43221	STEERING CYLINDER ASSEMBLY - L.H. INCLUDES ITEMS 3 TO 13 & 15 & 16	1	
2	43222	STEERING CYLINDER ASSEMBLY - R.H. INCLUDES ITEMS 3 TO 12 & 14 & 15 & 16	1	
3	12A-216	O RING	1	
4	*44243	O RING	1	
5	51A-1220	BOLT	1	
6	12164	ROD SEAL	1	
7	12166	WIPER	1	
8	17605	CYLINDER NUT	1	
9	30344	PISTON RING	1	
10	30345	PISTON SEAL	1	
11	35304	WEAR RING	1	
12	42121	PISTON ROD	1	
13	43223	CYLINDER BARREL - L.H.	1	
14	43224	CYLINDER BARREL - R.H.	1	
15	42205	PISTON	1	
16	36279	GLAND	1	
17	29B-02	GREASE FITTING	1	
18	22A-175	CLAMP	2	
19	22B-12	CLAMP	2	
20	108A-1212	CONNECTOR	1	
21	108B-1212	CONNECTOR	1	
22	108A-2020	CONNECTOR	2	
23	110L-08	CONNECTOR	2	
24	111A-0808	CONNECTOR	1	
25	111B-0808	CONNECTOR	A.R.	
26	111B-0810	CONNECTOR	4	
27	111E-0808	CONNECTOR	6	
28	111H-08	PLUG	1	
29	112B-08	CONNECTOR	2	
30	112C-08	TEE	1	
31	9313 X 18	HOSE	3	
32	9313 X 25	HOSE	3	
33	9313 X 90	HOSE	1	
34	*9313 X 140	HOSE	2	S/N 18578 18590,18592 & UP
35	9313 X 223	HOSE	1	
36	14382 X 28	HOSE	1	
37	9730-2	BUSHING	2	
38	14369 X 10.5	HOSE	1	
39	16947	DIVIDER VALVE ASSY.	1	
40	17162 X 12	HOSE	1	
41	32858 X 30	HOSE	1	
42	23748	CUSHION VALVE	1	
43	23498	TUBE	2	UP TO S/N 18577,18579 TO 18589, 18591
44	23961	TUBE	1	
45	23962	TUBE	1	
46	41477	TUBE	1	
47	41646 X 6	HOSE WRAP	2	
48	14A-04	LOCKWASHER	2	
49	30A-04	NUT	2	
50	50A-0516	BOLT	2	
51	14A-05	LOCKWASHER	2	
	26317	REPAIR KIT FOR 23748 CUSHION VALVE	A.R.	
52		STEERING UNIT & COLUMN	REF.	SECTION 1 PAGE 10
53		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
54		PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4 PAGE 32
55		BRAKE MASTER CYLINDER & BOOSTER ASSEMBLY	REF.	SECTION 9 PAGE 4
56		CLUTCH MASTER CYLINDER & BOOSTER ASSEMBLY	REF.	SECTION 5 PAGE 8



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

STEERING CYLINDER & CIRCUIT - ALL WHEEL DRIVE

JUNE 1988

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 19044 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 1 PAGE 15
SECCION 1 PAGINA 15

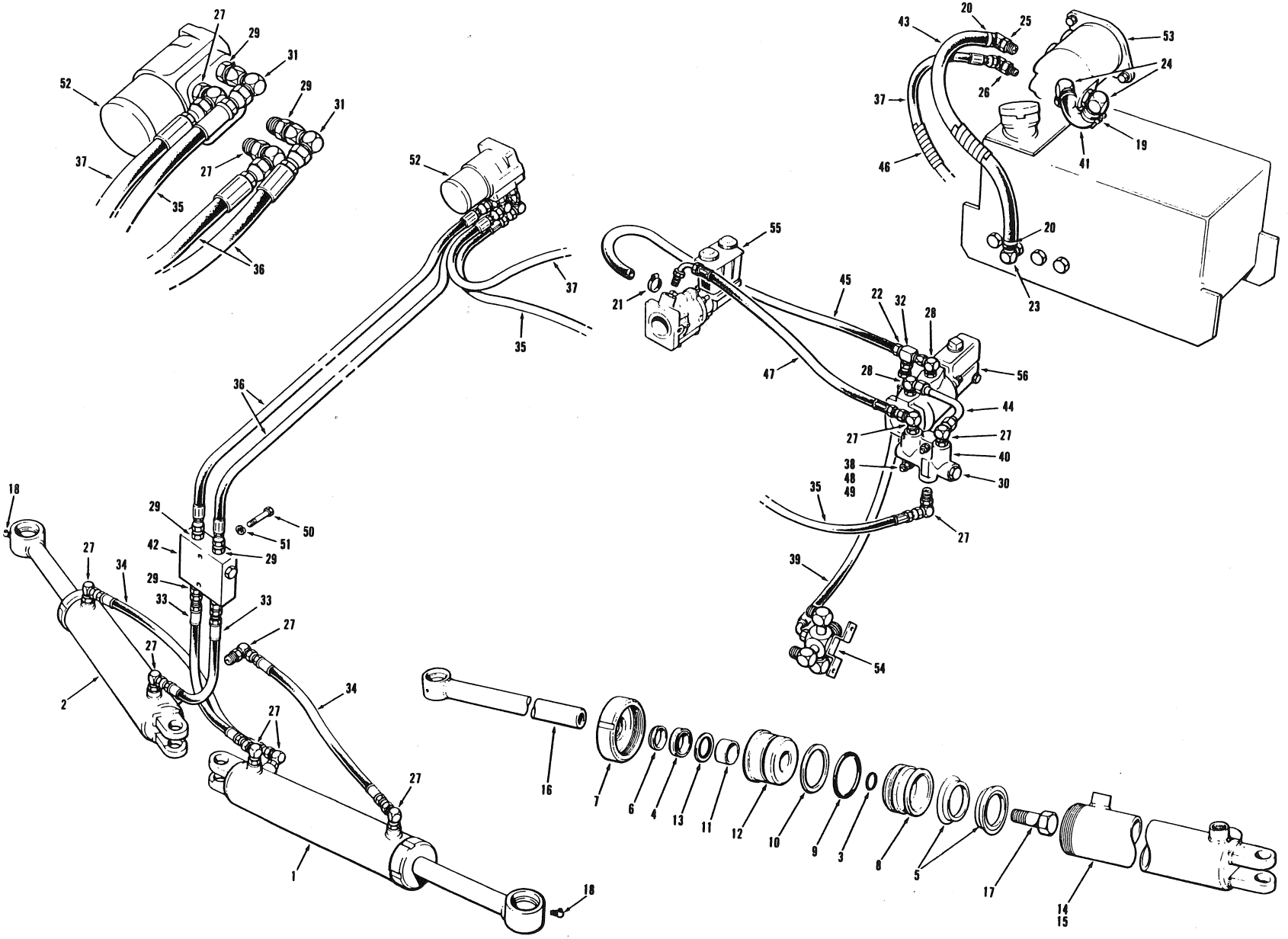
USE ONLY CHAMPION APPROVED PARTS

STEERING CYLINDER & CIRCUIT - ALL WHEEL DRIVE

No.	PART No.	DESCRIPTION	No. REQ	REMARKS
1	*46111	STEERING CYLINDER ASSEMBLY - L.H. INCLUDES ITEMS 3 TO 13 & 15 TO 18	1	
2	*46112	STEERING CYLINDER ASSEMBLY - R.H. INCLUDES ITEMS 3 TO 14 & 16 TO 18	1	
3	12A-216	O RING	1	
4	12164	ROD SEAL	1	
5	*12165	PISTON SEAL	2	
6	12166	WIPER	1	
7	17605	CYLINDER NUT	1	
8	*42122	PISTON	1	
9	*44243	O RING	1	
10	*44343	BACK-UP RING	1	
11	*49394	WEAR RING	1	
12	*49393	GLAND	1	
13	*45889	BUFFER RING	1	
14	*46360	CYLINDER BARREL - L.H.	1	
15	*46361	CYLINDER BARREL - R.H.	1	
16	*46359	PISTON ROD	1	
17	*50A-1220	BOLT	1	
18	*28B-04	GREASE FITTING	1	
	*48870	REPAIR KIT FOR CYLINDER ASSY. - INCLUDES ITEMS 3 TO 6, 9 TO 11, 13 & 17	A.R.	
19	22A-175	CLAMP	2	
20	22B-12	CLAMP	2	
21	108A-1212	CONNECTOR	1	
22	108A-2020	CONNECTOR	2	
23	108B-1212	CONNECTOR	1	
24	111A-0808	CONNECTOR	1	
25	111B-0808	CONNECTOR	A.R.	
26	111B-0810	CONNECTOR	4	
27	111E-0808	CONNECTOR	4	
28	111H-08	PLUG	1	
29	112B-08	CONNECTOR	2	
30	112C-08	TEE	1	
31	9313 X 18	HOSE	12	
32	*9313 X 22	HOSE	3	
33	9313 X 90	HOSE	1	
34	*9313 X 140	HOSE	2	
35	9313 X 223	HOSE	1	
36	9730-2	BUSHING	2	
37	14382 X 28	HOSE	1	
38	16947	DIVIDER VALVE ASSEMBLY	1	
39	17162 X 12	HOSE	1	
40	23748	CUSHION VALVE	2	
41	*32858 X 30	HOSE	1	
42	41477	TUBE	1	
43	41646 X 6	HOSE WRAP	1	
	26317	SEAL REPAIR KIT FOR 23748 CUSHION VALVE	A.R.	

No.	PART No.	DESCRIPTION	No. REQ	REMARKS
44	14A-04	LOCKWASHER	2	
45	30A-04	NUT	2	
46	50A-0516	BOLT	2	
47	14A-05	LOCKWASHER	2	
48		STEERING UNIT & COLUMN	REF.	SECTION 1 PAGE 10
49		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
50		PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4 PAGE 32
51		BRAKE MASTER CYLINDER & BOOSTER ASSY.	REF.	SECTION 9 PAGE 4
52		CLUTCH MASTER CYLINDER & BOOSTER ASSY.	REF.	SECTION 5 PAGE 8

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

STEERING CYLINDER & CIRCUIT - ALL WHEEL DRIVE

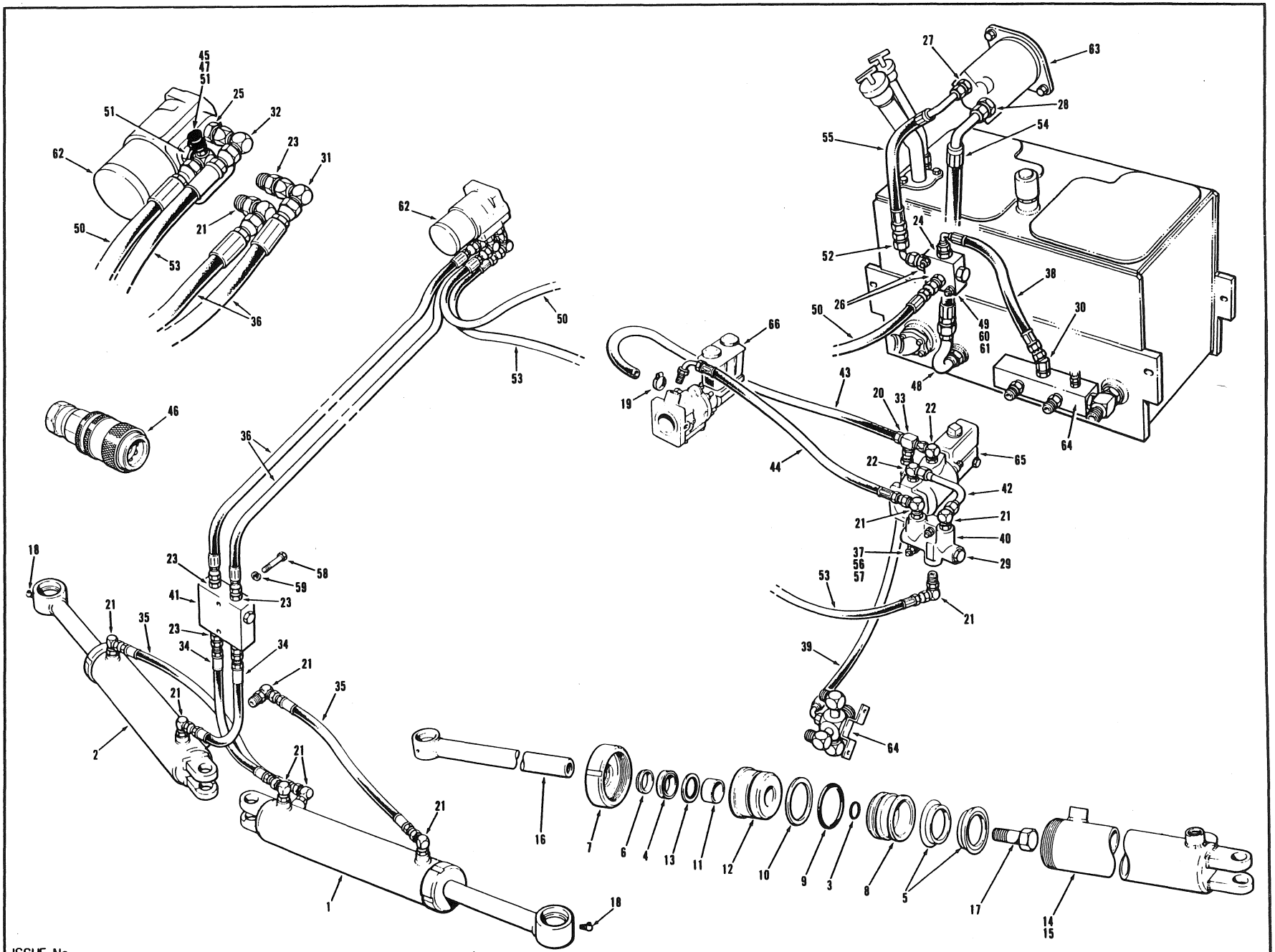
MARCH 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

STEERING CYLINDER & CIRCUIT - ALL WHEEL DRIVE

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	46111	STEERING CYLINDER ASSEMBLY - L.H. - INCLUDES ITEMS 3 TO 13 & 15 TO 18	1	
2	46112	STEERING CYLINDER ASSEMBLY - R.H. - INCLUDES ITEMS 3 TO 14 & 16 TO 18	1	
3	12A-216	O RING	1	
4	12164	ROD SEAL	1	
5	12165	PISTON SEAL	2	
6	12166	WIPER	1	
7	17605	CYLINDER NUT	1	
8	42122	PISTON	1	
9	44243	O RING	1	
10	44343	BACK-UP RING	1	
11	49394	WEAR RING	1	
12	49393	GLAND	1	
13	45889	BUFFER RING	1	
14	46360	CYLINDER BARREL - L.H.	1	
15	46361	CYLINDER BARREL - R.H.	1	
16	46359	PISTON ROD	1	
17	50A-1220	BOLT	1	
18	28B-04	GREASE FITTING	1	
	48870	REPAIR KIT FOR CYLINDER ASSEMBLY - INCLUDES ITEMS 3 TO 6, 9 TO 11, 13 & 17	A.R.	
19	22A-175	CLAMP	2	
20	22B-12	CLAMP	2	
21	*22B-16	CLAMP	1	
22	*106C-0808	CONNECTOR	1	
23	108A-1212	CONNECTOR	2	
24	108A-2020	CONNECTOR	1	
25	108B-1212	CONNECTOR	1	
26	111A-0808	CONNECTOR	1	
27	111B-0808	CONNECTOR	A.R.	
28	111B-0810	CONNECTOR	2	
29	111E-0808	CONNECTOR	4	
30	111H-08	PLUG	1	
31	112B-08	CONNECTOR	2	
32	112C-08	TEE	1	
33	9313X18	HOSE	2	
34	9313X22	HOSE	2	
35	9313X90	HOSE	1	
36	9313X140	HOSE	2	
37	9313X223	HOSE	1	
38	9730-2	BUSHING	2	
39	14382X28	HOSE	1	
40	16947	DIVIDER VALVE ASSEMBLY	1	
41	17162X12	HOSE	1	
42	23748	CUSHION VALVE	1	
43	32858X30	HOSE	1	
44	41477	TUBE	1	
45	*41539X38	HOSE	1	
46	41646X6	HOSE WRAP	1	
47	*48849	HOSE	1	
	26317	SEAL REPAIR KIT FOR 23748 CUSION VALVE	A.R.	
48	14A-04	LOCKWASHER	2	
49	30A-04	NUT	2	
50	50A-0516	BOLT	2	
51	14A-05	LOCKWASHER	2	
52		STEERING UNIT & COLUMN	REF.	SECTION 1 PAGE 10
53		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
54		PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4 PAGE 32
55		BRAKE MASTER CYLINDER & BOOSTER ASSEMBLY	REF.	SECTION 9 PAGE 4
56		CLUTCH MASTER CYLINDER & BOOSTER ASSEMBLY	REF.	SECTION 5 PAGE 8



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5

STEERING CYLINDER & CIRCUIT - ALL WHEEL DRIVE

MARCH 1990

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 20033 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

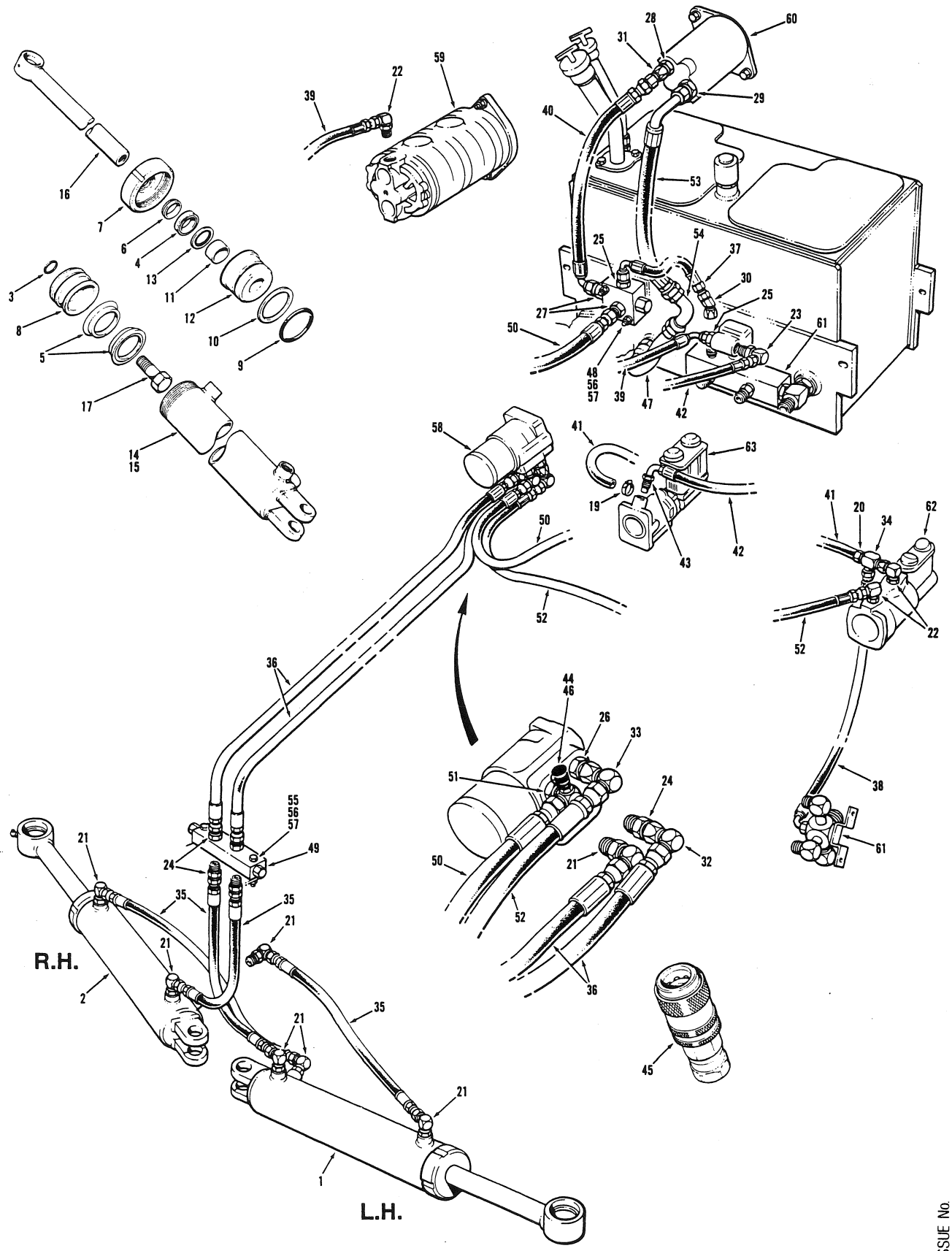
SECTION 1 PAGE 15
SECCION PAGINA

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STEERING CYLINDER & CIRCUIT - ALL WHEEL DRIVE

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	46111	STEERING CYLINDER ASSEMBLY - L.H. - INCLUDES ITEMS 3 TO 13 & 15 TO 18	1	
2	46112	STEERING CYLINDER ASSEMBLY - R.H. - INCLUDES ITEMS 3 TO 14 & 16 TO 18	1	
	48870	REPAIR KIT FOR CYLINDER ASSEMBLIES - INCLUDES ITEMS 3 TO 6, 9 TO 11, 13 & 17	A.R.	
3	12A-216	O-RING	1	
4	12164	ROD SEAL	1	
5	12165	PISTON SEAL	2	
6	12166	WIPER	1	
7	17605	CYLINDER NUT	1	
8	42122	PISTON	1	
9	44243	O-RING	1	
10	44343	BACK-UP RING	1	
11	49394	WEAR RING	1	
12	49393	GLAND	1	
13	45889	BUFFER RING	1	
14	46360	CYLINDER BARREL - L.H.	1	
15	46361	CYLINDER BARREL - R.H.	1	
16	46359	PISTON ROD	1	
17	50A-1220	BOLT	1	
18	28B-04	GREASE FITTING	1	
19	*22D-06	CLAMP	1	
20	106C-0808	CONNECTOR	1	
21	111B-0808	CONNECTOR	10	
22	111B-0810	CONNECTOR	2	
23	111E-0808	CONNECTOR	4	
24	*111E-0812	CONNECTOR	1	
25	*111E-1008	CONNECTOR	1	
26	*111E-1212	CONNECTOR	2	
27	*111E-1216	CONNECTOR	1	
28	*111E-2020	CONNECTOR	1	
29	111H-06	CONNECTOR	1	
30	*112A-08	CONNECTOR	1	
31	112B-08	CONNECTOR	1	
32	*112B-10	CONNECTOR	1	
33	112C-08	TEE	1	
34	9313 x 18	HOSE	2	
35	9313 x 22	HOSE	2	
36	9313 x 140	HOSE	2	
37	9730-2	BUSHING	2	
38	*14382 x 16	HOSE	1	
39	14382 x 28	HOSE	1	
40	16947	DIVIDER VALVE ASSEMBLY	1	
41	23748	CUSHION VALVE	1	
	26317	SEAL KIT FOR 23748 CUSHION VALVE	1	
42	41477	TUBE	1	
43	41539 x 38	HOSE	1	
44	48849	HOSE	1	
45	*51286	QUICK DISCONNECT COUPLING - MALE	1	
46	*51287	QUICK DISCONNECT COUPLING - FEMALE (for testing)	1	In Toolbox
47	*51288	CAP	1	
48	*53567	FITTING - STEERING SUCTION	1	
49	*53619	STEERING PRIORITY/RELIEF VALVE	1	
	*55249	SEAL KIT FOR 53619 RELIEF VALVE - INCLUDES O-RINGS AND BACK-UP RINGS	1	
50	*53621	HOSE	1	
51	*53622	CONNECTOR	1	
52	*53623	CONNECTOR	1	
53	*53624	HOSE	1	
54	*54230	HOSE	1	
55	*54231	HOSE	1	
56	14A-04	LOCKWASHER	2	
57	30A-04	NUT	2	
58	50A-0516	BOLT	2	
59	14A-05	LOCKWASHER	2	
60	*14A-06	LOCKWASHER	2	
61	*30A-06	NUT	1	
62		STEERING UNIT & COLUMN	REF.	SECTION 1 PAGE 10
63		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
64		PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4 PAGE 32
65		CLUTCH MASTER CYLINDER & BOOSTER ASSEMBLY	REF.	SECTION 5 PAGE 8
66		BRAKE MASTER CYLINDER & BOOSTER ASSEMBLY	REF.	SECTION 9 PAGE 4



CHAMPION ROAD MACHINERY

FEBRUARY 1991

STEERING CYLINDER & CIRCUIT, and BOOSTER CIRCUITS - ALL WHEEL DRIVE

6 REVISION A

ISSUE No.
Nº D'ÉMISSION
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FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
20811 to 21133

700 SERIES
SERIE 700

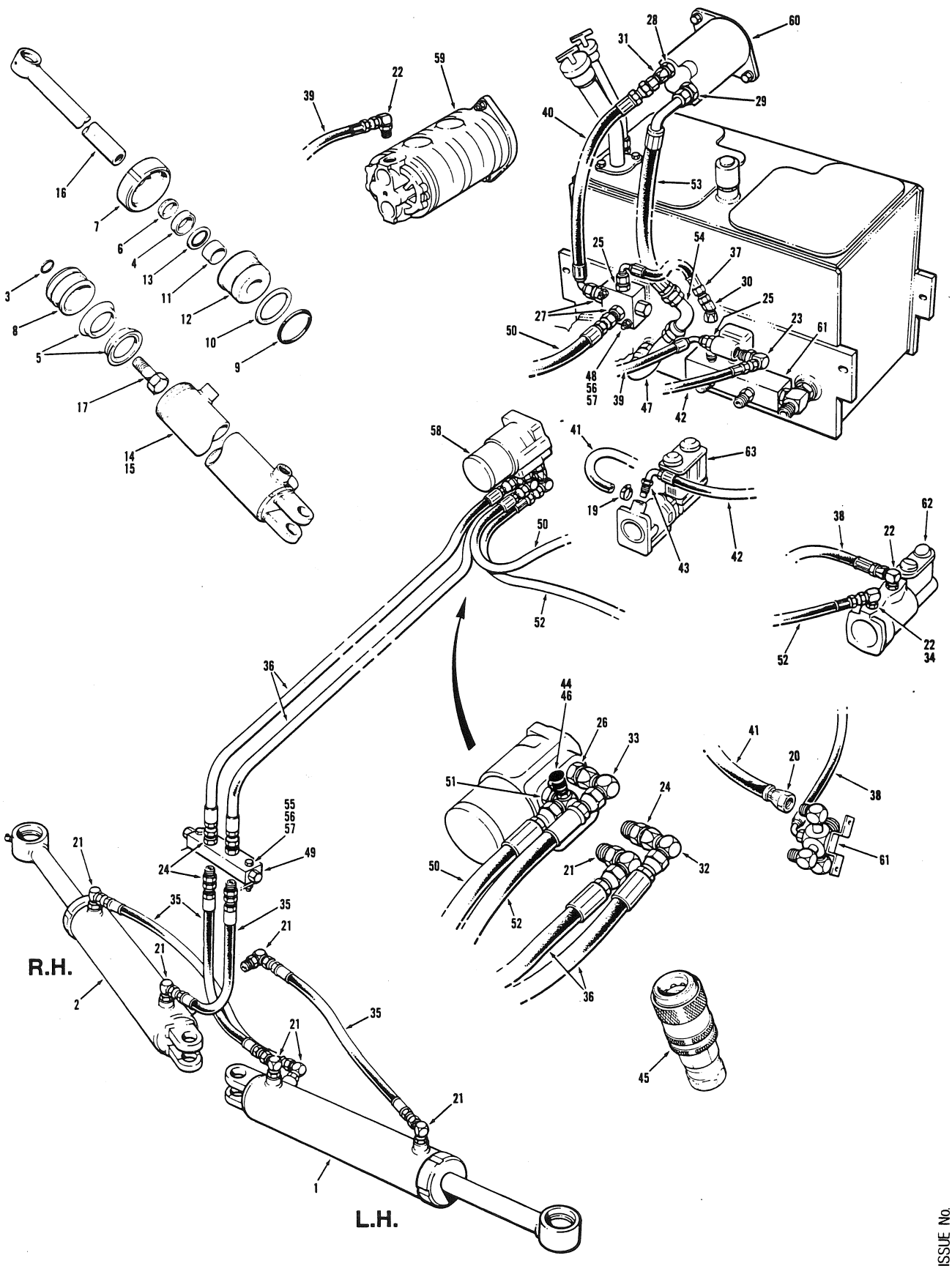
SECTION 1 PAGE 15
SECCION PAGINA

SECTION / SECCION 1 | PAGE / PAGINA 16 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 6 REVISION A

STEERING CYLINDER & CIRCUIT and BOOSTER CIRCUITS - ALL WHEEL DRIVE

FEBRUARY 1991

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	46111	**STEERING CYLINDER ASSEMBLY** - L.H. - INCLUDES ITEMS 3 TO 13 & 15 TO 18	1	
2	46112	**STEERING CYLINDER ASSEMBLY** - R.H. - INCLUDES ITEMS 3 TO 14 & 16 TO 18	1	
	48870	**REPAIR KIT FOR CYLINDER ASSEMBLIES** - INCLUDES ITEMS 3 TO 6, 9 TO 11, 13 & 17	1 per	
3	12A-216	O-RING	1	
4	12164	ROD SEAL	1	
5	12165	PISTON SEAL	2	
6	12166	WIPER	1	
7	17605	CYLINDER NUT	1	
8	42122	PISTON	1	
9	44243	O-RING	1	
10	44343	BACK-UP RING	1	
11	49394	WEAR RING	1	
12	49393	GLAND	1	
13	45889	BUFFER RING	1	
14	46360	CYLINDER BARREL - L.H.	1	
15	46361	CYLINDER BARREL - R.H.	1	
16	46359	PISTON ROD	1	
17	50A-1220	BOLT	1	
18	28B-04	GREASE FITTING	1	
19	22D-16	CLAMP	1	
20	106C-0808	CONNECTOR	1	
21	111B-0808	CONNECTOR	7	
22	111B-0810	CONNECTOR	3	
23	111B-0812	CONNECTOR	1	
24	111E-0808	CONNECTOR	5	
25	111E-0812	CONNECTOR	2	
26	111E-1008	CONNECTOR	1	
27	111E-1212	CONNECTOR	1	
28	111E-1216	CONNECTOR	1	
29	111E-2020	CONNECTOR	1	
30	112A-08	CONNECTOR	1	
31	112A-12	CONNECTOR	1	
32	112B-08	CONNECTOR	1	
33	112B-10	CONNECTOR	1	
34	112C-08	TEE	1	
35	9313 x 22	HOSE	4	
36	9313 x 140	HOSE	2	
37	14382 x 14	HOSE	1	
38	14382 x 28	HOSE	1	
39	14382 x 60	HOSE	1	
40	28696 x 24	HOSE	1	
41	*41539 x 68	HOSE	1	
42	48849 x 106	HOSE	1	
43	12A-013	O RING	1	
44	51286	QUICK DISCONNECT COUPLING - MALE	1	
45	51287	QUICK DISCONNECT COUPLING - FEMALE (for testing)	1	In Toolbox
46	51288	CAP	1	
47	53567	FITTING - STEERING SUCTION	1	
48	53619	**STEERING PRIORITY/RELIEF VALVE**	1	
	55249	**SEAL KIT FOR 53619 VALVE**	1	
49	23748	**CUSHION VALVE**	1	
	26317	**SEAL KIT FOR 23748 CUSHION VALVE**		
50	53621	HOSE	1	
51	53622	CONNECTOR	1	
52	53624	HOSE	1	
53	54230	HOSE	1	
54	54993	ELBOW	1	
55	50A-0616	BOLT	2	
56	14A-06	LOCKWASHER	4	
57	30A-06	NUT	4	
58		STEERING UNIT & COLUMN	REF.	SECTION 1 PAGE 9
59		HYDRAULIC PUMP - MAIN	REF.	SECTION 4 PAGE 1
60		HYDRAULIC PUMP - TRANSMISSION/STEERING	REF.	SECTION 4 PAGE 41
61		MAIN HYDRAULIC CIRCUIT	REF.	SECTION 4 PAGE 17
62		CLUTCH MASTER CYLINDER & BOOSTER ASSEMBLY	REF.	SECTION 5 PAGE 7
63		BRAKE MASTER CYLINDER & BOOSTER ASSEMBLY	REF.	SECTION 9 PAGE 3



CHAMPION ROAD MACHINERY

JANUARY 1991

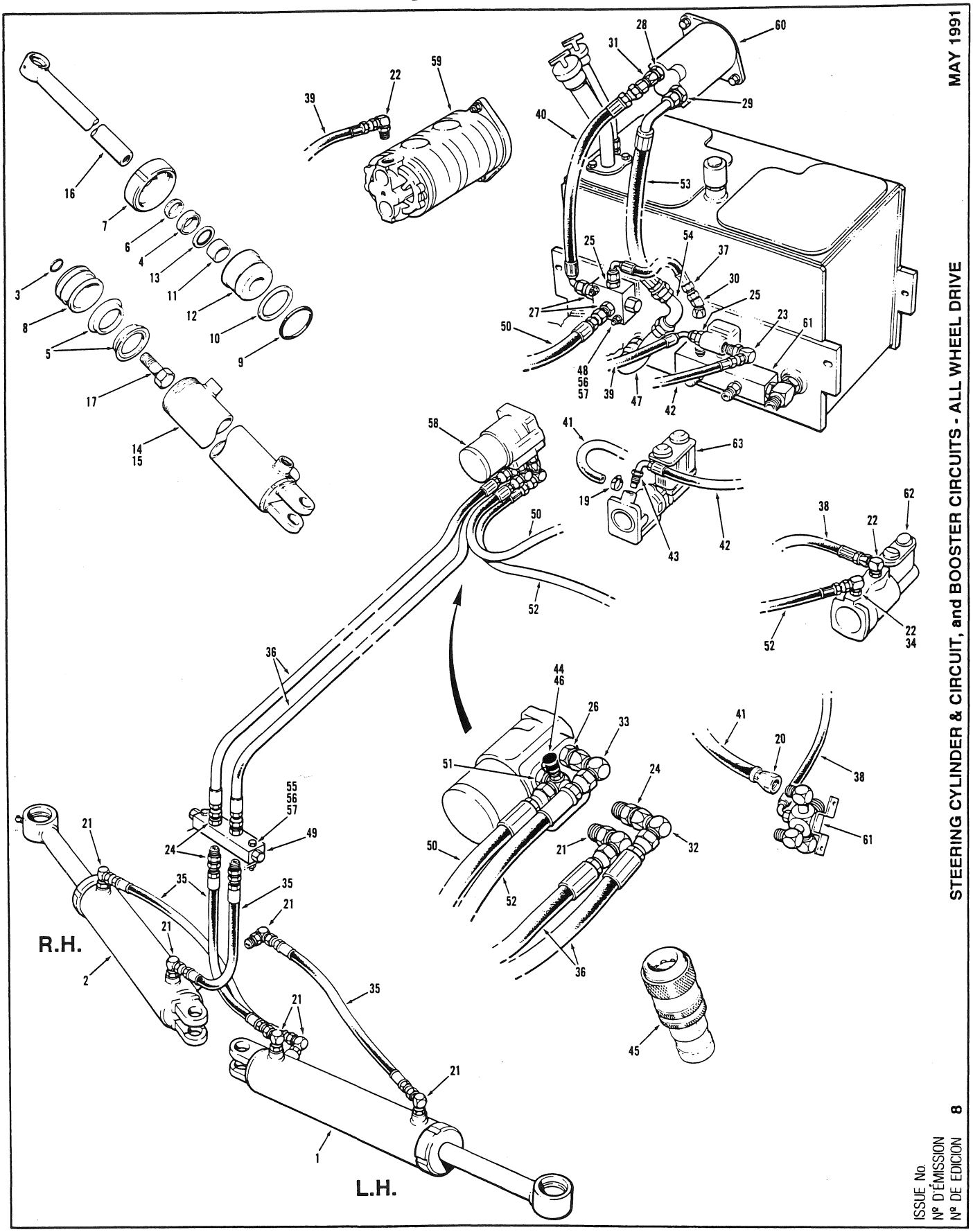
STEERING CYLINDER & CIRCUIT, and BOOSTER CIRCUITS - ALL WHEEL DRIVE

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 7

EFFECTIVE SERIAL NUMBER(S) 21134 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	46111	**STEERING CYLINDER ASSEMBLY** - L.H. - INCLUDES ITEMS 3 TO 13 & 15 TO 18	1	
2	46112	**STEERING CYLINDER ASSEMBLY** - R.H. - INCLUDES ITEMS 3 TO 14 & 16 TO 18	1	
	48870	**REPAIR KIT FOR CYLINDER ASSEMBLIES** - INCLUDES ITEMS 3 TO 6, 9 TO 11, 13 & 17	1 per	
3	12A-216	O-RING	1	
4	12164	ROD SEAL	1	
5	12165	PISTON SEAL	2	
6	12166	WIPER	1	
7	17605	CYLINDER NUT	1	
8	42122	PISTON	1	
9	44243	O-RING	1	
10	44343	BACK-UP RING	1	
11	49394	WEAR RING	1	
12	49393	GLAND	1	
13	45889	BUFFER RING	1	
14	46360	CYLINDER BARREL - L.H.	1	
15	46361	CYLINDER BARREL - R.H.	1	
16	46359	PISTON ROD	1	
17	50A-1220	BOLT	1	
18	28B-04	GREASE FITTING	1	
19	*22D-06	CLAMP	1	
20	106C-0808	CONNECTOR	1	
21	111B-0808	CONNECTOR	7	
22	111B-0810	CONNECTOR	3	
23	111B-0812	CONNECTOR	1	
24	111E-0808	CONNECTOR	5	
25	111E-0812	CONNECTOR	2	
26	111E-1008	CONNECTOR	1	
27	111E-1212	CONNECTOR	1	
28	111E-1216	CONNECTOR	1	
29	111E-2020	CONNECTOR	1	
30	112A-08	CONNECTOR	1	
31	112A-12	CONNECTOR	1	
32	112B-08	CONNECTOR	1	
33	112B-10	CONNECTOR	1	
34	*111F-1010	CONNECTOR - EXTENDED	1	
35	9313 x 22	HOSE	4	
36	9313 x 140	HOSE	2	
37	14382 x 14	HOSE	1	
38	*14382 x 30	HOSE	1	
39	14382 x 60	HOSE	1	
40	28696 x 24	HOSE	1	
41	41539 x 68	HOSE	1	
42	*48849 x 116	HOSE	1	
43	12A-013	O RING	1	
44	51286	QUICK DISCONNECT COUPLING - MALE	1	
45	51287	QUICK DISCONNECT COUPLING - FEMALE (for testing)	1	In Toolbox
46	51288	CAP	1	
47	53567	FITTING - STEERING SUCTION	1	
48	53619	**STEERING PRIORITY/RELIEF VALVE**	1	
	55249	**SEAL KIT FOR 53619** - STEERING/PRIORITY VALVE	1	
49	23748	**CUSHION VALVE**	1	
	26317	**SEAL KIT FOR 23748** - CUSHION VALVE		
50	53621	HOSE	1	
51	53622	CONNECTOR	1	
52	53624	HOSE	1	
53	54230	HOSE	1	
54	54993	ELBOW	1	
55	50A-0616	BOLT	2	
56	14A-06	LOCKWASHER	4	
57	30A-06	NUT	4	
58		STEERING UNIT & COLUMN	REF.	Sect 1 Pg 9
59		HYDRAULIC PUMP - MAIN	REF.	Sect 4 Pg 1
60		HYDRAULIC PUMP - TRANSMISSION/STEERING	REF.	Sect 4 Pg 41
61		MAIN HYDRAULIC CIRCUIT	REF.	Sect 4 Pg 17
62		CLUTCH MASTER CYLINDER & BOOSTER ASSEMBLY	REF.	Sect 5 Pg 7
63		BRAKE MASTER CYLINDER & BOOSTER ASSEMBLY	REF.	Sect 9 Pg 3



CHAMPION ROAD MACHINERY

STEERING CYLINDER & CIRCUIT, and BOOSTER CIRCUITS - ALL WHEEL DRIVE

MAY 1991

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 8

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21398 & UP
EXCLUDING 21405, 21406, 21419 & 21420

700 SERIES
SERIE 700

SECTION 1 PAGE 15
SECCION PAGINA

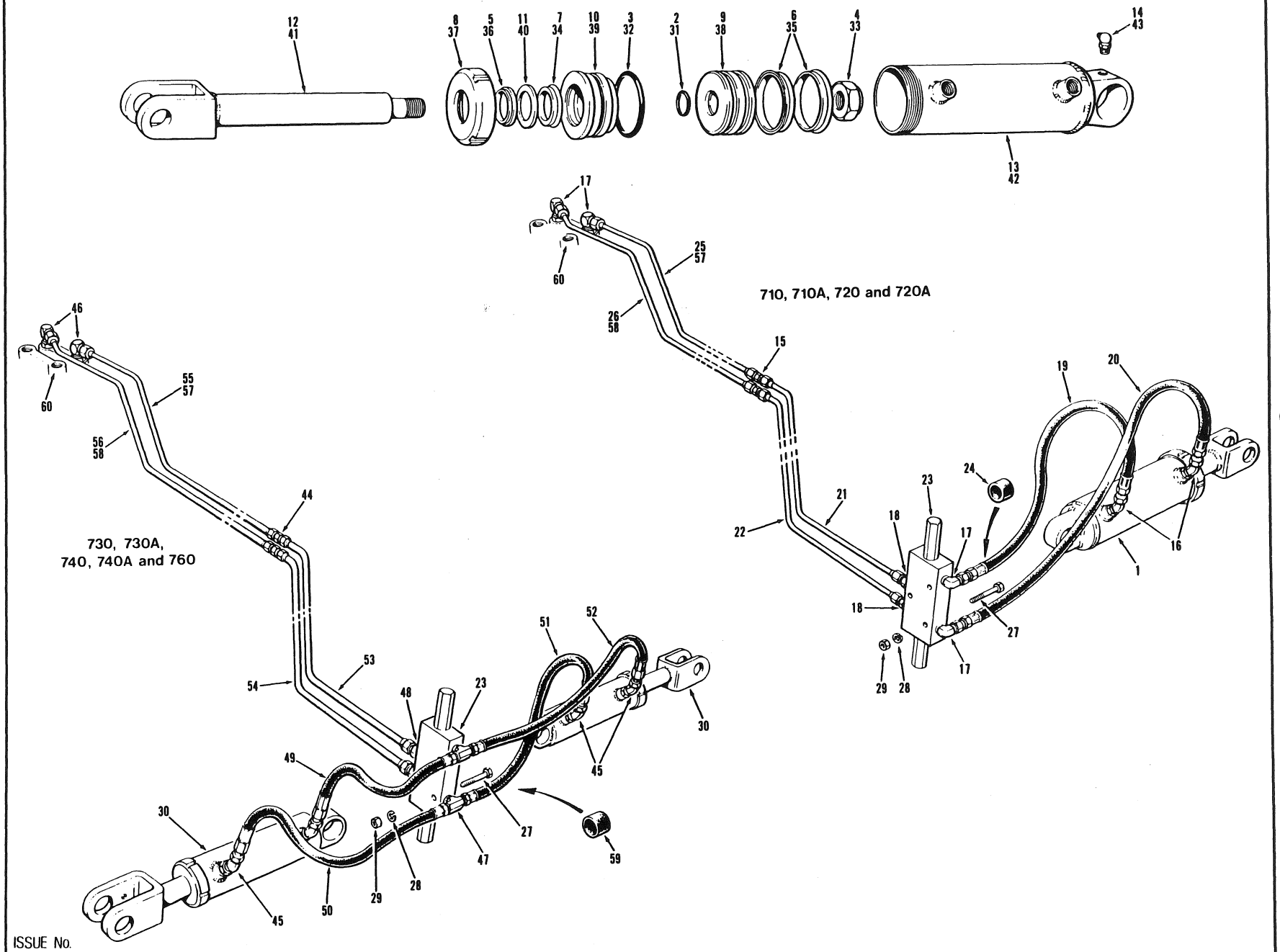
SECTION / SECCION 1 | PAGE / PAGINA 16 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 8

STEERING CYLINDER & CIRCUIT and BOOSTER CIRCUITS - ALL WHEEL DRIVE

MAY 1991

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	*59492	**STEERING CYLINDER ASSEMBLY** - L.H. - INCLUDES ITEMS 3 to 13 & 15 to 18	1	
2	*59494	**STEERING CYLINDER ASSEMBLY** - R.H. - INCLUDES ITEMS 3 to 14 & 16 to 18	1	
	48870	**REPAIR KIT FOR CYLINDER ASSEMBLIES** - INCLUDES ITEMS 3 to 6, 9 to 11, 13 & 17	1 per	
3	12A-216	O-RING	1	
4	12164	ROD SEAL	1	
5	12165	PISTON SEAL	2	
6	12166	WIPER	1	
7	17605	CYLINDER NUT	1	
8	42122	PISTON	1	
9	44243	O-RING	1	
10	44343	BACK-UP RING	1	
11	49394	WEAR RING	1	
12	49393	GLAND	1	
13	45889	BUFFER RING	1	
14	46360	CYLINDER BARREL - L.H.	1	
15	46361	CYLINDER BARREL - R.H.	1	
16	*58088	PISTON ROD	1	
17	50A-1220	BOLT	1	
18	28B-04	GREASE FITTING	1	
19	22D-06	CLAMP	1	
20	106C-0808	CONNECTOR	1	
21	111B-0808	CONNECTOR	7	
22	111B-0810	CONNECTOR	3	
23	111B-0812	CONNECTOR	1	
24	111E-0808	CONNECTOR	5	
25	111E-0812	CONNECTOR	2	
26	111E-1008	CONNECTOR	1	
27	111E-1212	CONNECTOR	1	
28	111E-1216	CONNECTOR	1	
29	111E-2020	CONNECTOR	1	
30	112A-08	CONNECTOR	1	
31	112A-12	CONNECTOR	1	
32	112B-08	CONNECTOR	1	
33	112B-10	CONNECTOR	1	
34	111F-1010	CONNECTOR - EXTENDED	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
35	*9313 x 18	HOSE	4	
36	9313 x 140	HOSE	2	
37	14382 x 14	HOSE	1	
38	14382 x 30	HOSE	1	
39	14382 x 60	HOSE	1	
40	28696 x 24	HOSE	1	
41	41539 x 68	HOSE	1	
42	48849 x 116	HOSE	1	
43	12A-013	O-RING	1	
44	51286	QUICK DISCONNECT COUPLING - MALE	1	
45	51287	QUICK DISCONNECT COUPLING - FEMALE (for testing)	1	In Toolbox
46	51288	CAP	1	
47	53567	FITTING - STEERING SUCTION	1	
48	53619	**STEERING PRIORITY/RELIEF VALVE**	1	
	55249	**SEAL KIT FOR 53619** - STEERING/PRIORITY VALVE	1	
49	23748	**CUSHION VALVE**	1	
	26317	**SEAL KIT FOR 23748** - CUSHION VALVE		
50	53621	HOSE	1	
51	53622	CONNECTOR	1	
52	53624	HOSE	1	
53	54230	HOSE	1	
54	54993	ELBOW	1	
55	50A-0616	BOLT	2	
56	14A-06	LOCKWASHER	4	
57	30A-06	NUT	4	
58		STEERING UNIT & COLUMN	REF.	Sect 1 Pg 9
59		HYDRAULIC PUMP - MAIN	REF.	Sect 4 Pg 1
60		HYDRAULIC PUMP - TRANSMISSION/STEERING	REF.	Sect 4 Pg 41
61		MAIN HYDRAULIC CIRCUIT	REF.	Sect 4 Pg 17
62		CLUTCH MASTER CYLINDER & BOOSTER ASSEMBLY	REF.	Sect 5 Pg 7
63		BRAKE MASTER CYLINDER & BOOSTER ASSEMBLY	REF.	Sect 9 Pg 3



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

LEANING WHEEL CYLINDER & CIRCUIT

FEBRUARY 1986

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224, 16245 TO 16808
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

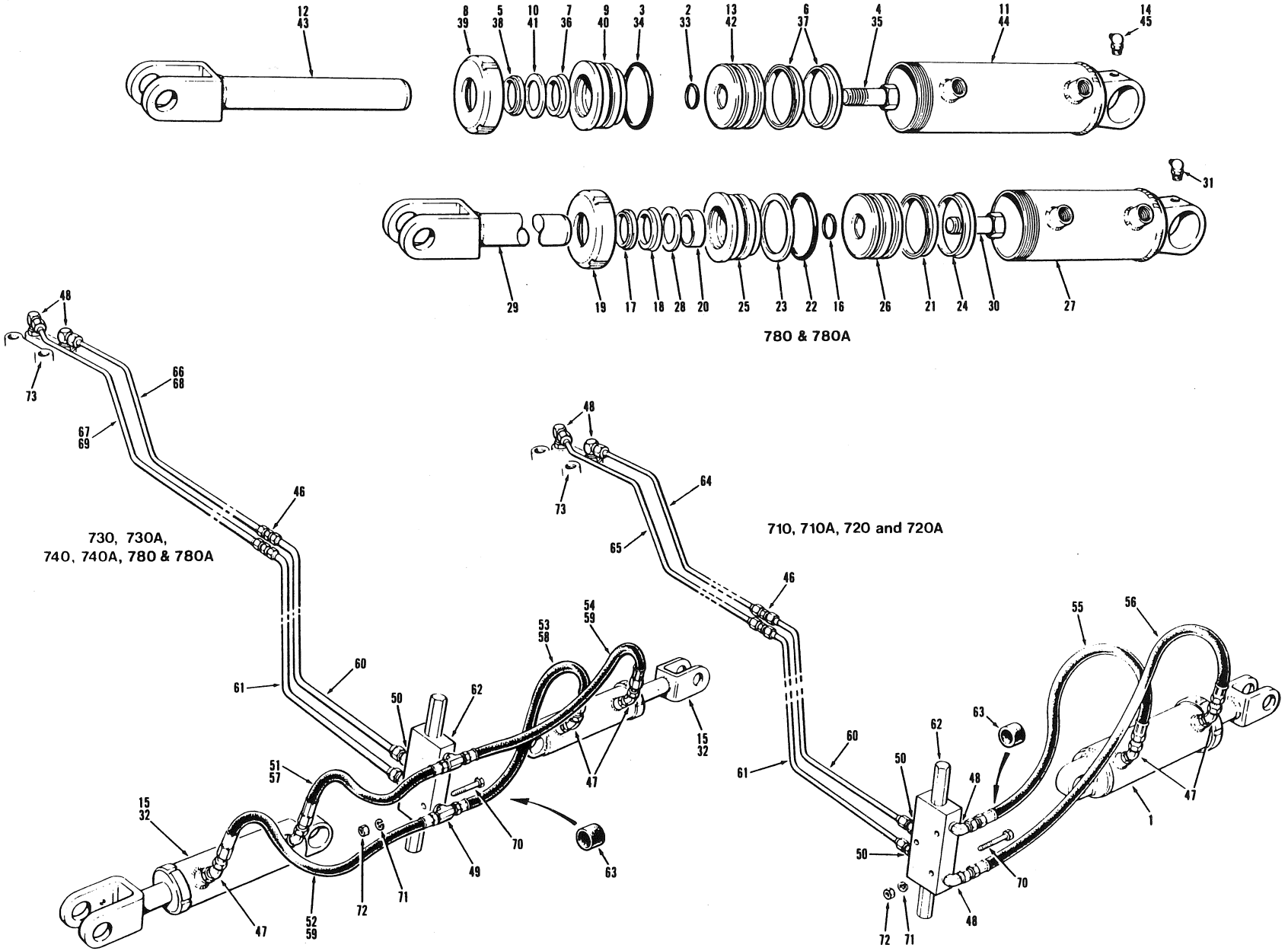
700 SERIES
SERIE 700

SECTION 1 PAGE 17
SECCION 1 PAGINA 17

USE ONLY CHAMPION APPROVED PARTS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		LEANING WHEEL CYLINDER & CIRCUIT - SINGLE 4" DIA. CYLINDER		710 THRU 720A
1	25956	4" LEANING WHEEL CYLINDER ASSY. - INCLUDES ITEMS 2 TO 13	1	STANDARD
2	12A-218	O RING	1	
3	12A-342	O RING	1	
4	37H-20	LOCKNUT	1	
5	12035	WIPER RING	1	
6	12036	PISTON SEAL	2	
7	12037	ROD SEAL	1	
8	17608	CYLINDER NUT	1	
9	17609	PISTON	1	
10	17610	GLAND	1	
11	17614	WASHER	1	
12	24204	PISTON ROD	1	
13	25957	CYLINDER BARREL	1	
14	29B-02	GREASE FITTING	1	
	26409	REPAIR KIT FOR 4" DIA. HYDRAULIC CYLINDER - INCLUDES ITEMS 3 TO 8 & 12	A.R.	
15	110L-0808	CONNECTOR	2	
16	111A-0808	CONNECTOR	2	
17	111B-0808	CONNECTOR	4	
18	111E-0808	CONNECTOR	2	
19	9313 X 39	HOSE	1	AS REQ'D
20	9313 X 42	HOSE	1	
21	17417	TUBE	1	
22	17418	TUBE	1	
23	34951	THERMAL RELIEF LOCK VALVE	1	
24	35541	GROMMET	2	
25	36928	TUBE - L.H.	1	710 & 710A
26	36929	TUBE - R.H.	1	
27	50A-0416	BOLT	3	
28	14A-04	LOCKWASHER	3	
29	30A-04	NUT	3	
	23711	MAJOR REPAIR KIT FOR 34951 LOCK VALVE (DOES NOT INCLUDE 23712 SEAL KIT)	A.R.	
	23712	SEAL KIT FOR 34951 LOCK VALVE	A.R.	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		LEANING WHEEL CYLINDER & CIRCUIT - DUAL 3" DIA. CYLINDERS		STANDARD 730 THRU 760 & OPTIONAL 710 THRU 720A
30	*41889	3" LEANING WHEEL CYLINDER ASSY.	2	
31	12A-214	O RING	1	
32	12A-334	O RING	1	
33	37H-16	LOCKNUT	1	
34	12164	ROD SEAL	1	
35	12165	PISTON SEAL	2	
36	12166	WIPER RING	1	
37	17605	CYLINDER NUT	1	
38	17606	PISTON	1	
39	17607	GLAND	1	
40	17613	WASHER	1	
41	24203	PISTON ROD	1	
42	*41888	CYLINDER BARREL	1	
43	29B-02	GREASE FITTING	1	
	26408	REPAIR KIT FOR 3" DIA. HYDRAULIC CYLINDER INCLUDES ITEMS 31 TO 36 & 40	A.R.	
44	110L-0808	CONNECTOR	2	
45	111A-0808	CONNECTOR	4	
46	111B-0808	CONNECTOR	2	
47	111C-0808	TEE	2	
48	111E-0808	CONNECTOR	2	
49	9313 X 33	HOSE	1	
50	9313 X 36	HOSE	1	
51	9313 X 42	HOSE	1	
52	9313 X 46	HOSE	2	
53	17417	TUBE	1	
54	17418	TUBE	1	
55	*41280	TUBE - L.H.	1	710 THRU 730A
56	*41281	TUBE - R.H.	1	
57	*41292	TUBE - L.H.	1	740, 740A & 760
58	*41293	TUBE - R.H.	1	
59	35541	GROMMET	2	
60		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 7/8



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION B

LEANING WHEEL CYLINDER & CIRCUIT

SEPTEMBER 1987

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16809 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2419-2 & UP

700 SERIES
SERIE 700

SECTION 1 PAGE 17
SECCION 1 PAGINA 17

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

SECTION / SECCION 1 | PAGE / PAGINA 18 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 2 REVISION B

LEANING WHEEL CYLINDER & CIRCUIT

SEPTEMBER 1987

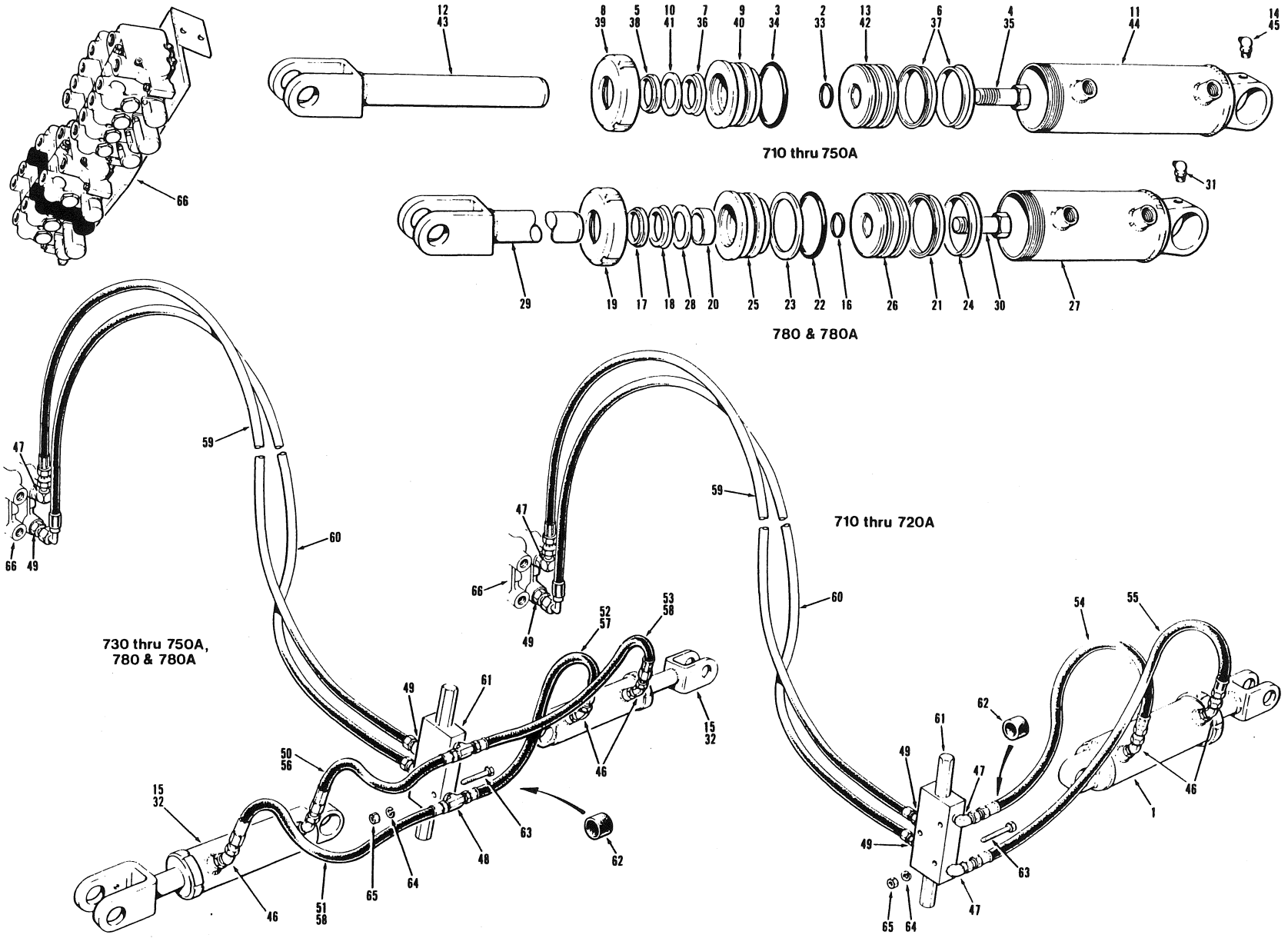
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		LEANING WHEEL CYLINDER & CIRCUIT - SINGLE 4" DIAMETER CYLINDER		710 THRU 720A
1	42148	4" LEANING WHEEL CYLINDER ASSEMBLY INCLUDES ITEMS 2 TO 14	1	
2	12A-224	O RING	1	
3	44244	O RING	1	
4	51A-1622	BOLT	1	
5	12035	WIPER RING	1	
6	12036	PISTON SEAL	2	
7	12037	ROD SEAL	1	
8	17608	CYLINDER NUT	1	
9	17610	GLAND	1	
10	17614	WASHER	1	
11	42149	CYLINDER BARREL	1	
12	42150	PISTON ROD	1	
13	42151	PISTON	1	
14	29B-02	GREASE FITTING	1	
	43182	REPAIR KIT FOR 42148 HYDRAULIC CYLINDER - INCLUDES ITEMS 2 TO 7 & 10		
		LEANING WHEEL CYLINDER & CIRCUIT DUAL 4" DIAMETER CYLINDERS		MODELS 780 & 780A
15	*45766	4" LEANING WHEEL CYLINDER ASSY. - L.H. INCLUDES ITEMS 16 TO 31	1	
	*45765	4" LEANING WHEEL CYLINDER ASSY. - R.H. INCLUDES ITEMS 16 TO 31	1	
16	*12A-224	O RING	1	
17	12035	WIPER RING	1	
18	12037	ROD SEAL	1	
19	17608	CYLINDER NUT	1	
20	43074	WEAR RING	1	
21	*43075	PISTON RING	1	
22	44244	O RING	1	
23	44266	BACK-UP RING	1	
24	*45639	WEAR RING	1	
25	*45734	GLAND	1	
26	*45737	PISTON	1	
27	*45959	CYLINDER BARREL - L.H.	1	
	*45767	CYLINDER BARREL - R.H.	1	
28	*45890	BUFFER RING	1	
29	*46126	PISTON ROD	1	
30	50A-1620	BOLT	1	
31	29B-02	GREASE FITTING	1	
	23711	MAJOR REPAIR KIT FOR 34951 LOCK VALVE (DOES NOT INCLUDE 23712 SEAL KIT)	A.R.	
	23712	SEAL KIT FOR 34951 LOCK VALVE	A.R.	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		LEANING WHEEL CYLINDER & CIRCUIT - DUAL 3" DIAMETER CYLINDERS		MODELS 730 THRU 740A
32	42130	3" LEANING WHEEL CYLINDER ASSEMBLY INCLUDES ITEMS 33 TO 45	2	
		NOTE: (DUAL LEANING WHEEL CYLINDER ASSEMBLY IS OPTIONAL ON MODELS 710 THRU 720A)		
33	12A-214	O RING	1	
34	44243	O RING	1	
35	51A-1220	BOLT	1	
36	12164	ROD SEAL	1	
37	12165	PISTON SEAL	2	
38	12166	WIPER RING	1	
39	17605	CYLINDER NUT	1	
40	17607	GLAND	1	
41	17613	WASHER	1	
42	42122	PISTON	1	
43	42128	PISTON ROD	1	
44	42129	CYLINDER BARREL	1	
45	29B-02	GREASE FITTING	1	
	42975	REPAIR KIT FOR 42130 HYDRAULIC CYLINDER INCLUDES ITEMS 33 TO 38 & 41	A.R.	
46	110L-08	CONNECTOR	2	
47	111A-0808	CONNECTOR	2or4	
48	111B-0808	CONNECTOR	2or4	
49	111C-0808	TEE	2	
50	111E-0808	CONNECTOR	2	
51	9313 X 33	HOSE	1	FOR DUAL
52	9313 X 36	HOSE	1	CYLINDERS
53	9313 X 42	HOSE	1	EXCEPT 780
54	9313 X 48	HOSE	1	& 780A
55	9313 X 39	HOSE	1	FOR SINGLE
56	9313 X 42	HOSE	1	CYLINDER
57	9313 X 36	HOSE	1	USED ON
58	9313 X 39	HOSE	1	780 & 780A
59	9313 X 42	HOSE	2	ONLY
60	17417	TUBE	1	
61	17418	TUBE	1	
62	34951	THERMO RELIEF LOCK VALVE	1	
63	35541	GROMMET	2	
64	41268	TUBE - L.H.	1	MODELS 710
65	41269	TUBE - R.H.	1	& 710A
66	41280	TUBE - L.H.	1	720 THRU
67	41281	TUBE - R.H.	1	730A
68	41292	TUBE - L.H.	1	740 THRU
69	41293	TUBE - R.H.	1	780A
70	50A-0416	BOLT	3	
71	14A-04	LOCKWASHER	3	
72	30A-04	NUT	3	
73		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 7/8

EFFECTIVE SERIAL NUMBER(S) 18578,18590,18592 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 1 PAGE 17
SECCION 1 PAGINA 17



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

LEANING WHEEL CYLINDER & CIRCUIT

JANUARY 1988

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

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LEANING WHEEL CYLINDER & CIRCUIT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		LEANING WHEEL CYLINDER & CIRCUIT - SINGLE 4" DIAMETER CYLINDER		710 THRU 720A
1	42148	4" LEANING WHEEL CYLINDER ASSEMBLY INCLUDES ITEMS 2 TO 14	1	
2	12A-224	O RING	1	
3	44244	O RING	1	
4	51A-1622	BOLT	1	
5	12035	WIPER RING	1	
6	12036	PISTON SEAL	2	
7	12037	ROD SEAL	1	
8	17608	CYLINDER NUT	1	
9	17610	GLAND	1	
10	17614	WASHER	1	
11	42149	CYLINDER BARREL	1	
12	42150	PISTON ROD	1	
13	42151	PISTON	1	
14	29B-02	GREASE FITTING	1	
	43182	REPAIR KIT FOR 42148 HYDRAULIC CYLINDER - INCLUDES ITEMS 2 TO 7 & 10		
		LEANING WHEEL CYLINDER & CIRCUIT DUAL 4" DIAMETER CYLINDERS		750 THRU 780A
	45766	4" LEANING WHEEL CYLINDER ASSY. - L.H. INCLUDES ITEMS 16 TO 31	1	
15	45765	4" LEANING WHEEL CYLINDER ASSY. - R.H. INCLUDES ITEMS 16 TO 31	1	
16	12A-224	O RING	1	
17	12035	WIPER RING	1	
18	12037	ROD SEAL	1	
19	17608	CYLINDER NUT	1	
20	43074	WEAR RING	1	
21	43075	PISTON RING	1	
22	44244	O RING	1	
23	44266	BACK-UP RING	1	
24	45639	WEAR RING	1	
25	45734	GLAND	1	
26	45737	PISTON	1	
27	45959	CYLINDER BARREL - L.H.	1	
	45767	CYLINDER BARREL - R.H.	1	
28	45890	BUFFER RING	1	
29	46126	PISTON ROD	1	
30	50A-1620	BOLT	1	
31	29B-02	GREASE FITTING	1	
	23711	MAJOR REPAIR KIT FOR 34951 LOCK VALVE (DOES NOT INCLUDE 23712 SEAL KIT)	A.R.	
	23712	SEAL KIT FOR 34951 LOCK VALVE	A.R.	

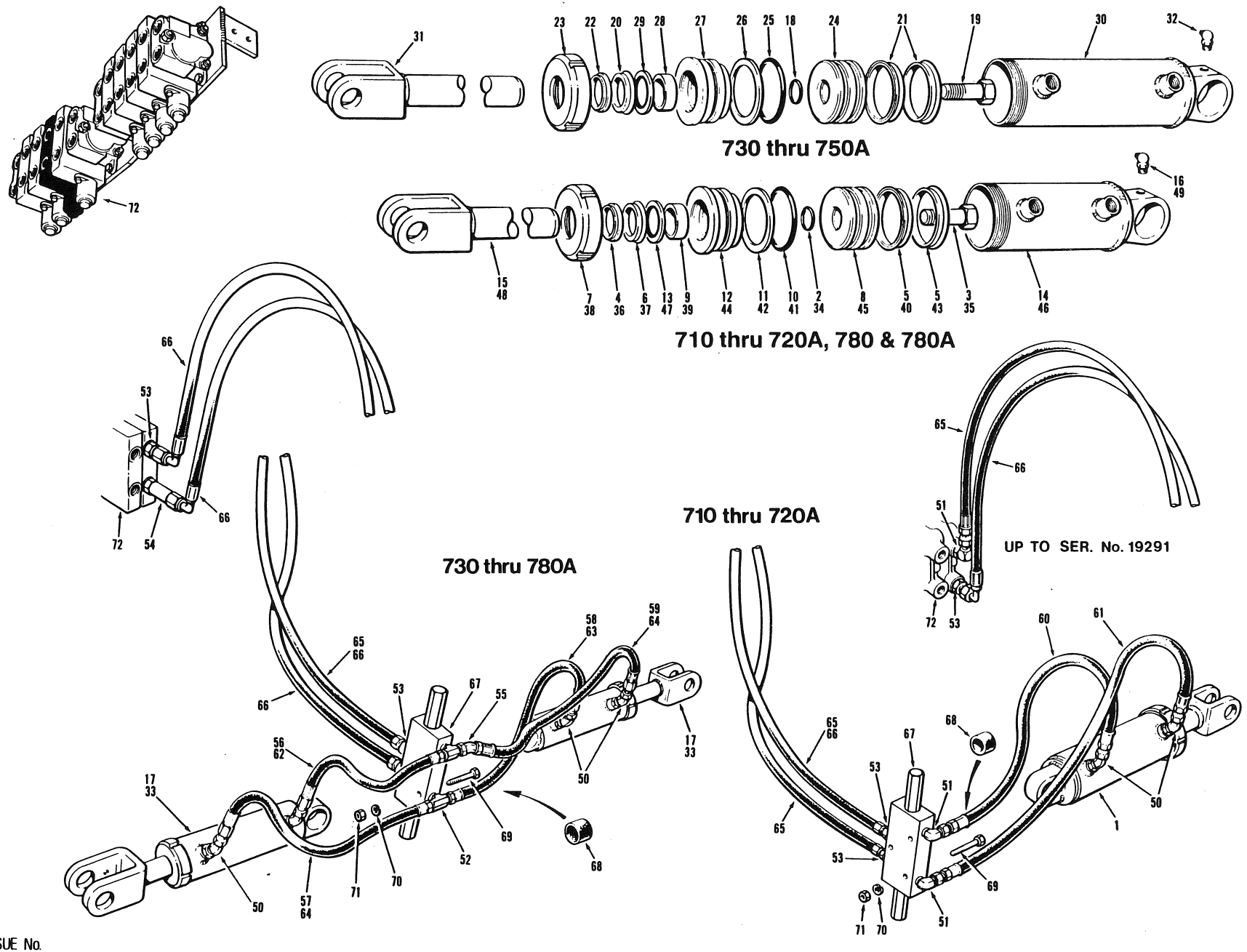
No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		LEANING WHEEL CYLINDER & CIRCUIT - DUAL 3" DIAMETER CYLINDERS		MODELS 730 THRU 740A
32	42130	3" LEANING WHEEL CYLINDER ASSEMBLY INCLUDES ITEMS 33 TO 45	2	
		NOTE: (DUAL LEANING WHEEL CYLINDER ASSEMBLY IS OPTIONAL ON MODELS 710 THRU 720A)		
33	*12A-216	O RING	1	
34	44243	O RING	1	
35	51A-1220	BOLT	1	
36	12164	ROD SEAL	1	
37	12165	PISTON SEAL	2	
38	12166	WIPER RING	1	
39	17605	CYLINDER NUT	1	
40	17607	GLAND	1	
41	17613	WASHER	1	
42	42122	PISTON	1	
43	42128	PISTON ROD	1	
44	42129	CYLINDER BARREL	1	
45	29B-02	GREASE FITTING	1	
	42975	REPAIR KIT FOR 42130 HYDRAULIC CYLINDER INCLUDES ITEMS 33 TO 38 & 41	A.R.	
46	111A-0808	CONNECTOR	2or4	
47	111B-0808	CONNECTOR	1or3	
48	111C-0808	TEE	2	
49	111E-0808	CONNECTOR	3	
50	9313 X 33	HOSE	1	FOR DUAL CYLINDERS EXCEPT 750 THRU 780A
51	9313 X 36	HOSE	1	
52	9313 X 42	HOSE	1	
53	9313 X 48	HOSE	1	
54	9313 X 39	HOSE	1	FOR SINGLE CYLINDER
55	9313 X 42	HOSE	1	
56	9313 X 36	HOSE	1	750 THRU 780A
57	9313 X 39	HOSE	1	
58	9313 X 42	HOSE	2	
59	*9313 X 215	HOSE	1	
60	*14382 X 215	HOSE	1	
61	34951	THERMO RELIEF LOCK VALVE	1	
62	35541	GROMMET	2	
63	50A-0416	BOLT	3	
64	14A-04	LOCKWASHER	3	
65	30A-04	NUT	3	
66		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 7/8

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

18802, 19601 & UP

700 SERIES
SERIE 700

SECTION 1 PAGE 17
SECCION 1 PAGINA 17



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4 REVISION D

LEANING WHEEL CYLINDER & CIRCUIT

MARCH 1990

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

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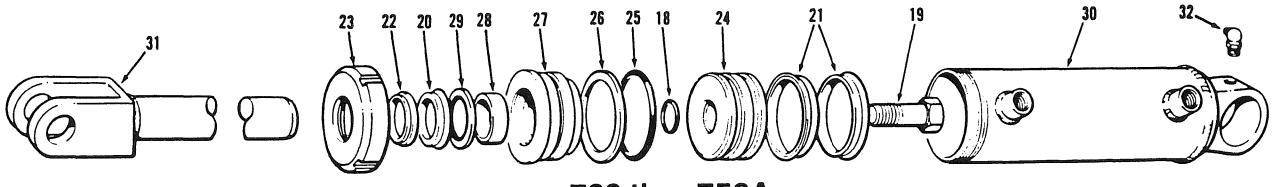
SECTION / SECCION **1** | PAGE / PAGINA **18** | ISSUE No. / N° D'ÉMISSION / N° DE EDICION **4 REVISION D**

LEANING WHEEL CYLINDER & CIRCUIT

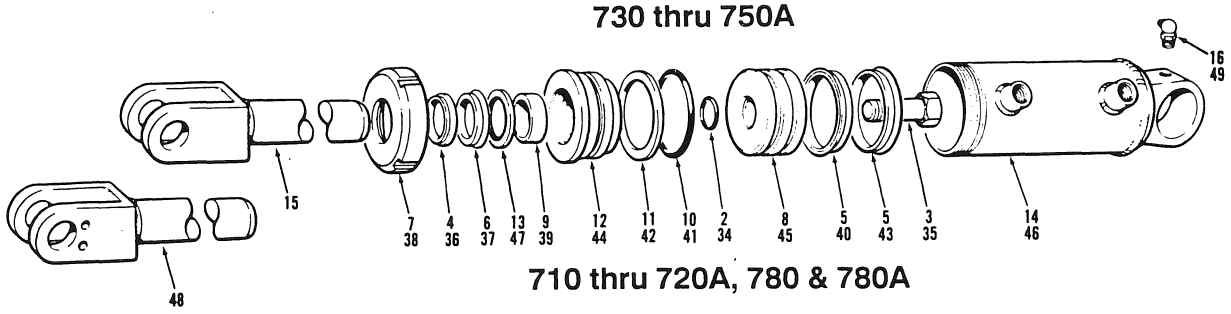
MARCH 1990

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		SINGLE 4" DIAMETER CYLINDER - Models 710 thru 720A		
1	46065	4" LEANING WHEEL CYLINDER ASSEMBLY INCLUDES ITEMS 2 TO 16	1	
	48953	REPAIR KIT FOR 46065 HYDRAULIC CYLINDERS - INCLUDES ITEMS 2 TO 6, 9, 10, 11 & 13	1 per	
2	12A-224	O RING	1	
3	50A-1620	BOLT	1	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	CYLINDER NUT	1	
8	42151	PISTON	1	
9	43074	WEAR RING	1	
10	44244	O RING	1	
11	44266	BACK-UP RING	1	
12	45734	GLAND	1	
13	45890	BUFFER RING	1	
14	46066	CYLINDER BARREL	1	
15	46339	PISTON ROD	1	
16	28B-04	GREASE FITTING	1	
		DUAL 3" DIAMETER CYLINDERS - Models 730 thru 750A		
17	46036	3" LEANING WHEEL CYLINDER ASSEMBLY - INCLUDES ITEMS 18 TO 32	2	
	NOTE:	**(DUAL LEANING WHEEL CYLINDER ASSEMBLY IS OPTIONAL ON MODELS 710 THRU 720A)**		
	48870	REPAIR KIT FOR 46036 HYDRAULIC CYLINDER - INCLUDES ITEMS 18 TO 22, 25, 26, 28 & 29	1 per	
18	12A-216	O RING	1	
19	50A-1220	BOLT	1	
20	12164	ROD SEAL	1	
21	12165	PISTON SEAL	2	
22	12166	WIPER RING	1	
23	17605	CYLINDER NUT	1	
24	42122	PISTON	1	
25	44243	O RING	1	
26	44343	BACK-UP RING	1	
27	49393	GLAND	1	
28	49394	WEAR RING	1	
29	45889	BUFFER RING	1	
30	46037	CYLINDER BARREL	1	
31	46038	PISTON ROD	1	
32	28B-04	GREASE FITTING	1	

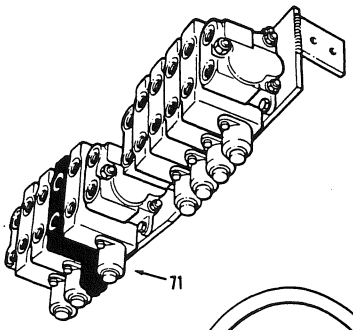
No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		DUAL 4" DIAMETER CYLINDERS - Models 780 & 780A		
	45765	4" LEANING WHEEL CYLINDER ASSEMBLY - R.H. - INCLUDES ITEMS 34 TO 49	1	
33	45766	4" LEANING WHEEL CYLINDER ASSEMBLY - L.H. - INCLUDES ITEMS 34 TO 49	1	
	48954	REPAIR KIT FOR 45765 & 45766 HYDRAULIC CYLINDERS - INCLUDES ITEMS 34 TO 43 & 47	1 per	
34	12A-224	O RING	1	
35	50A-1620	BOLT	1	
36	12035	WIPER RING	1	
37	12037	ROD SEAL	1	
38	17608	CYLINDER NUT	1	
39	43074	WEAR RING	1	
40	43075	PISTON RING	1	
41	44244	O RING	1	
42	44266	BACK-UP RING	1	
43	45639	PISTON SEAL	1	
44	45734	GLAND	1	
45	45737	PISTON	1	
46	45959	CYLINDER BARREL - L.H.	1	
	45767	CYLINDER BARREL - R.H.	1	
47	45890	BUFFER RING	1	
48	46126	PISTON ROD	1	
49	29B-02	GREASE FITTING	1	
50	111A-0808	CONNECTOR	2 or 4	
51	111B-0808	CONNECTOR	2	
52	111C-0808	TEE	2	
53	111E-0808	CONNECTOR	3	
54	111F-0808	CONNECTOR	1	
55	112A-08	CONNECTOR	1	
56	9313 x 33	HOSE	1	
57	9313 x 36	HOSE	1	730 thru 740A
58	9313 x 42	HOSE	1	
59	9313 x 48	HOSE	1	
60	9313 x 39	HOSE	1	
61	9313 x 42	HOSE	1	710 thru 720A
62	9313 x 36	HOSE	1	
63	9313 x 39	HOSE	1	750 thru 780A
64	9313 x 42	HOSE	2	
65	9313 x 215	HOSE	1	
66	14382 x 215	HOSE	2	
67	34951	THERMAL RELIEF LOCK VALVE	1	
	23711	MAJOR REPAIR KIT FOR 34951 LOCK VALVE (DOES NOT INCLUDE 23712 SEAL KIT)	1	
	23712	SEAL KIT FOR 34951 LOCK VALVE	1	
68	35541	GROMMET	2	
69	50A-0416	BOLT	3	
70	14A-04	LOCKWASHER	3	
71	30A-04	NUT	3	
72		MANIFOLD ASSEMBLY	REF.	SECT. 4 PG. 8



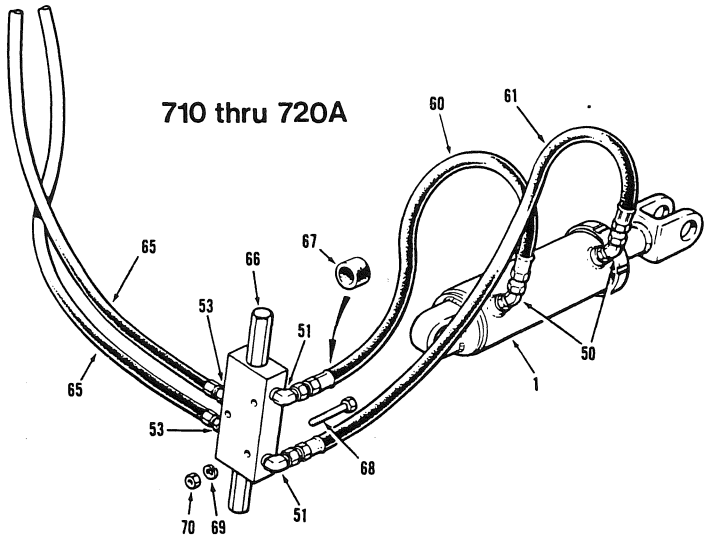
730 thru 750A

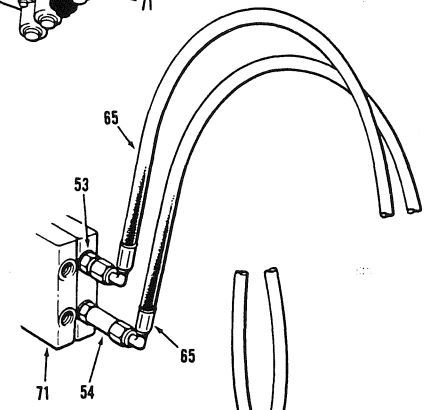


710 thru 720A, 780 & 780A

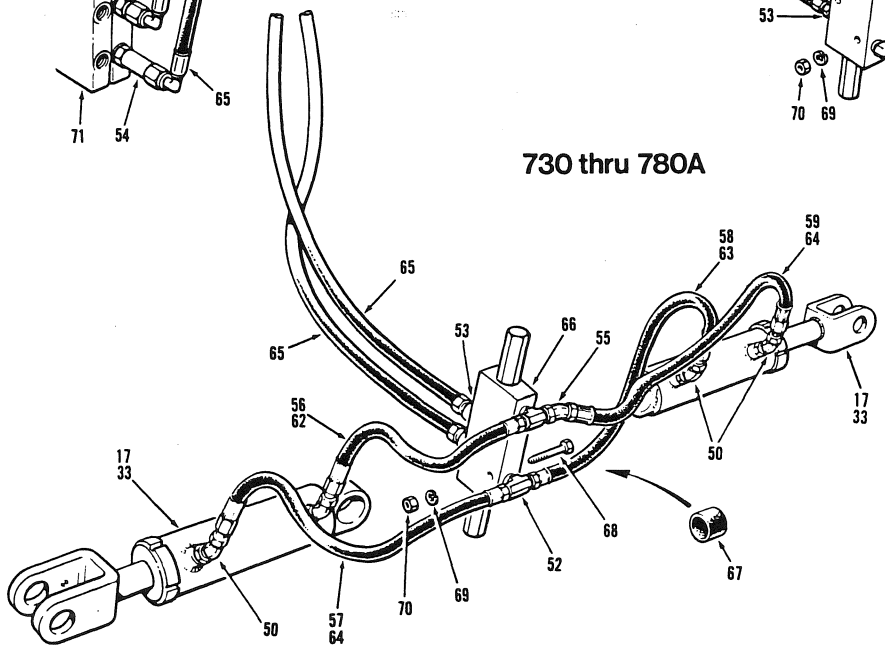


710 thru 720A





730 thru 780A



LEANING WHEEL CYLINDER & CIRCUIT

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VEA AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5

EFFECTIVE SERIAL NUMBER(S) 21053 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

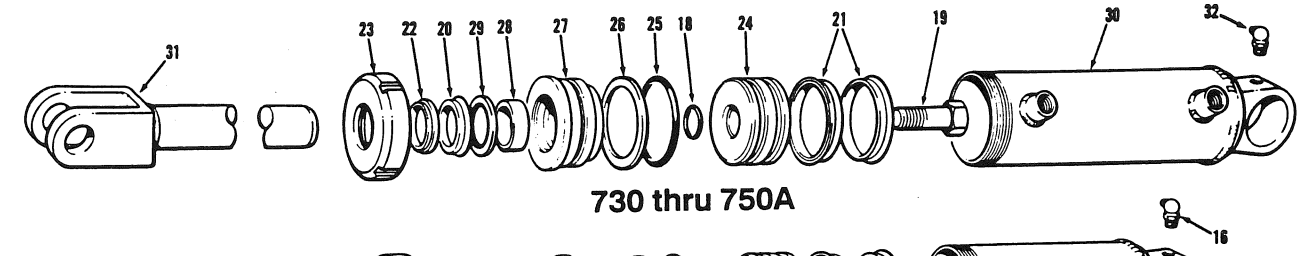
SECTION 1 | PAGE / PAGINA 18 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 5

LEANING WHEEL CYLINDER & CIRCUIT

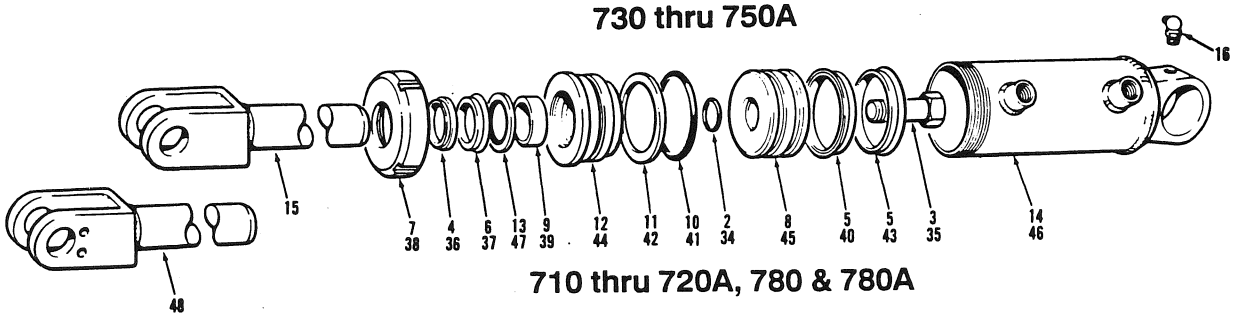
OCTOBER1990

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		SINGLE 4" DIAMETER CYLINDER - Models 710 thru 720A		
1	46065	**4" LEANING WHEEL CYLINDER ASSEMBLY** - INCLUDES ITEMS 2 TO 16	1	
	48953	**REPAIR KIT FOR 46065** - HYDRAULIC CYLINDER - INCLUDES ITEMS 2 TO 6, 9, 10, 11 & 13	1 per	
2	12A-224	O RING	1	
3	50A-1620	BOLT	1	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	CYLINDER NUT	1	
8	42151	PISTON	1	
9	43074	WEAR RING	1	
10	44244	O RING	1	
11	44266	BACK-UP RING	1	
12	45734	GLAND	1	
13	45890	BUFFER RING	1	
14	46066	CYLINDER BARREL	1	
15	46339	PISTON ROD	1	
16	28B-04	GREASE FITTING	1	
		DUAL 3" DIAMETER CYLINDERS - Models 730 thru 750A		
17	46036	**3" LEANING WHEEL CYLINDER ASSEMBLY** - INCLUDES ITEMS 18 TO 32	2	
	NOTE:	**(DUAL LEANING WHEEL CYLINDER ASSEMBLY IS OPTIONAL ON MODELS 710 THRU 720A)**		
	48870	**REPAIR KIT FOR 46036** - HYDRAULIC CYLINDER - INCLUDES ITEMS 18 TO 22, 25, 26, 28 & 29	1 per	
18	12A-216	O RING	1	
19	50A-1220	BOLT	1	
20	12164	ROD SEAL	1	
21	12165	PISTON SEAL	2	
22	12166	WIPER RING	1	
23	17605	CYLINDER NUT	1	
24	42122	PISTON	1	
25	44243	O RING	1	
26	44343	BACK-UP RING	1	
27	49393	GLAND	1	
28	49394	WEAR RING	1	
29	45889	BUFFER RING	1	
30	46037	CYLINDER BARREL	1	
31	46038	PISTON ROD	1	
32	28B-04	GREASE FITTING	1	

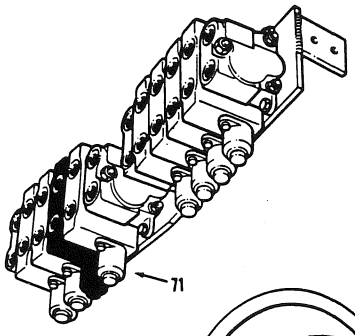
No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		DUAL 4" DIAMETER CYLINDERS - Models 780 & 780A		
	*59068	**4" LEANING WHEEL CYLINDER ASSEMBLY** - R.H. - INCLUDES ITEMS 34 TO 49	1	
33	*59069	**4" LEANING WHEEL CYLINDER ASSEMBLY** - L.H. - INCLUDES ITEMS 34 TO 49	1	
	48954	**REPAIR KIT FOR 59068 & 59069** - HYDRAULIC CYLINDERS - INCLUDES ITEMS 34 TO 43 & 47	1 per	
34	12A-224	O RING	1	
35	50A-1620	BOLT	1	
36	12035	WIPER RING	1	
37	12037	ROD SEAL	1	
38	17608	CYLINDER NUT	1	
39	43074	WEAR RING	1	
40	43075	PISTON RING	1	
41	44244	O RING	1	
42	44266	BACK-UP RING	1	
43	45639	PISTON SEAL	1	
44	45734	GLAND	1	
45	45737	PISTON	1	
46	*59071	CYLINDER BARREL - L.H.	1	
	*59070	CYLINDER BARREL - R.H.	1	
47	45890	BUFFER RING	1	
48	*56905	PISTON ROD	1	
49	29B-02	GREASE FITTING	1	
50	111A-0808	CONNECTOR	2 or 4	
51	111B-0808	CONNECTOR	2	
52	111C-0808	TEE	2	
53	111E-0808	CONNECTOR	3	
54	111F-0808	CONNECTOR	1	
55	112A-08	CONNECTOR	1	
56	9313 x 33	HOSE	1	
57	9313 x 36	HOSE	1	730 thru 740A
58	9313 x 42	HOSE	1	
59	9313 x 48	HOSE	1	
60	9313 x 39	HOSE	1	
61	9313 x 42	HOSE	1	710 thru 720A
62	9313 x 36	HOSE	1	
63	9313 x 39	HOSE	1	750 thru 780A
64	9313 x 42	HOSE	2	
65	14382 x 215	HOSE	2	
66	34951	THERMAL RELIEF LOCK VALVE	1	
	23711	**MAJOR REPAIR KIT FOR 34951** - LOCK VALVE **(DOES NOT INCLUDE 23712 SEAL KIT)**	1	
	23712	**SEAL KIT FOR 34951** - LOCK VALVE	1	
67	35541	GROMMET	2	
68	50A-0416	BOLT	3	
69	14A-04	LOCKWASHER	3	
70	30A-04	NUT	3	
71		MANIFOLD ASSEMBLY	REF.	Sect 4 Pg 7



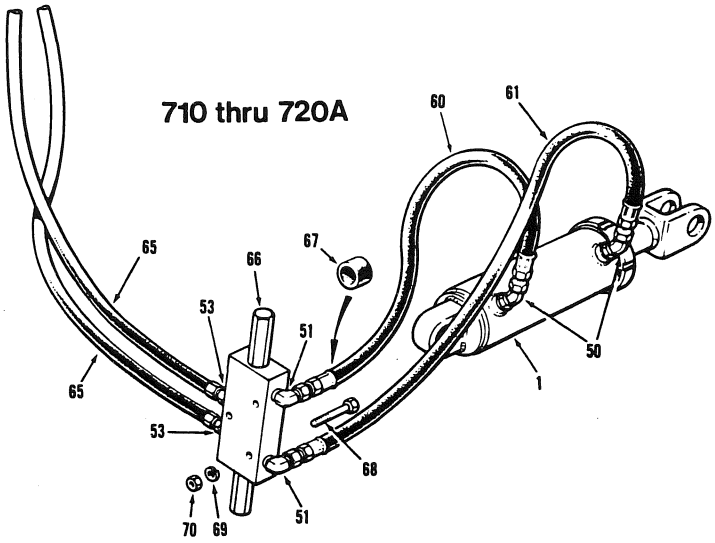
730 thru 750A

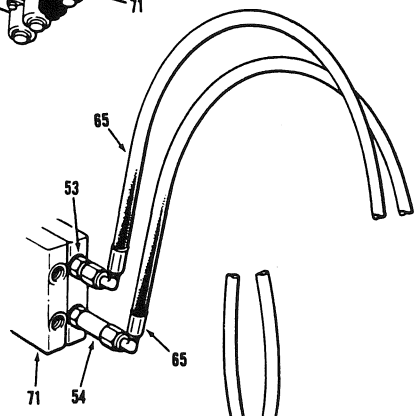


710 thru 720A, 780 & 780A

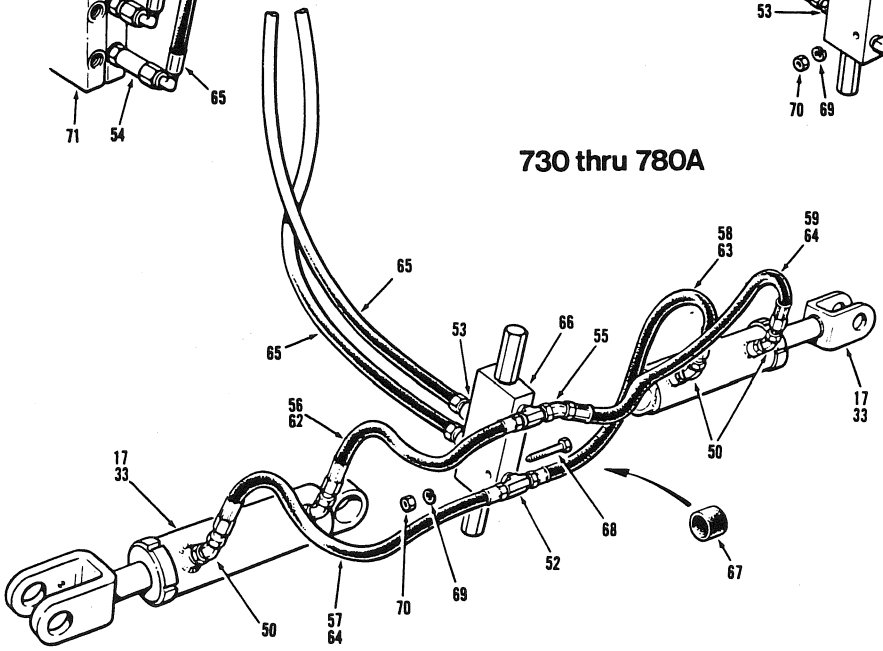


710 thru 720A





730 thru 780A



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 6

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

LEANING WHEEL CYLINDER & CIRCUIT

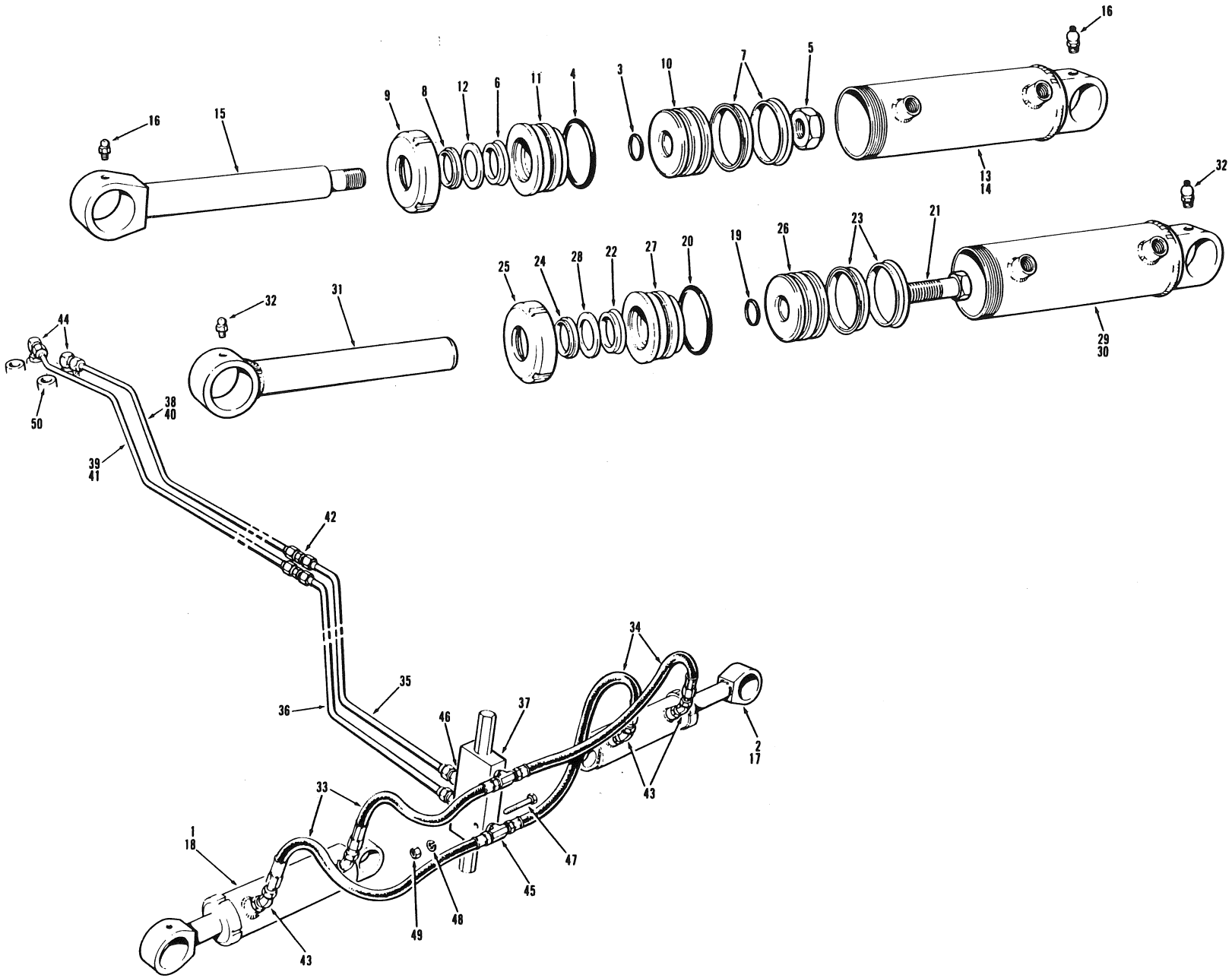
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		SINGLE 4" DIAMETER CYLINDER - Models 710 thru 720A		
1	46065	**4" LEANING WHEEL CYLINDER ASSEMBLY** - INCLUDES ITEMS 2 TO 16	1	
	48953	**REPAIR KIT FOR 46065** - HYDRAULIC CYLINDER - INCLUDES ITEMS 2 TO 6, 9, 10, 11 & 13	1 per	
2	12A-224	O-RING	1	
3	50A-1620	BOLT	1	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	CYLINDER NUT	1	
8	42151	PISTON	1	
9	43074	WEAR RING	1	
10	44244	O-RING	1	
11	44266	BACK-UP RING	1	
12	45734	GLAND	1	
13	45890	BUFFER RING	1	
14	46066	CYLINDER BARREL	1	
15	46339	PISTON ROD	1	
16	28B-04	GREASE FITTING	1	
		DUAL 3" DIAMETER CYLINDERS - Models 730 thru 750A		
17	46036	**3" LEANING WHEEL CYLINDER ASSEMBLY** - INCLUDES ITEMS 18 TO 32	2	
	NOTE:	**(DUAL LEANING WHEEL CYLINDER ASSEMBLY IS OPTIONAL ON MODELS 710 THRU 720A)**		
	48870	**REPAIR KIT FOR 46036** - HYDRAULIC CYLINDER - INCLUDES ITEMS 18 TO 22, 25, 26, 28 & 29	1 per	
18	12A-216	O-RING	1	
19	50A-1220	BOLT	1	
20	12164	ROD SEAL	1	
21	12165	PISTON SEAL	2	
22	12166	WIPER RING	1	
23	17605	CYLINDER NUT	1	
24	42122	PISTON	1	
25	44243	O-RING	1	
26	44343	BACK-UP RING	1	
27	49393	GLAND	1	
28	49394	WEAR RING	1	
29	45889	BUFFER RING	1	
30	46037	CYLINDER BARREL	1	
31	46038	PISTON ROD	1	
32	28B-04	GREASE FITTING	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		DUAL 4" DIAMETER CYLINDERS - Models 780 & 780A		
	*59545	**4" LEANING WHEEL CYLINDER ASSEMBLY** - R.H. - INCLUDES ITEMS 34 TO 48	1	
33	*59546	**4" LEANING WHEEL CYLINDER ASSEMBLY** - L.H. - INCLUDES ITEMS 34 TO 48	1	
	48954	**REPAIR KIT FOR 59545 & 59546** - HYDRAULIC CYLINDERS - INCLUDES ITEMS 34 TO 43 & 47	1 per	
34	12A-224	O-RING	1	
35	50A-1620	BOLT	1	
36	12035	WIPER RING	1	
37	12037	ROD SEAL	1	
38	17608	CYLINDER NUT	1	
39	43074	WEAR RING	1	
40	43075	PISTON RING	1	
41	44244	O-RING	1	
42	44266	BACK-UP RING	1	
43	45639	PISTON SEAL	1	
44	45734	GLAND	1	
45	45737	PISTON	1	
46	*59544	CYLINDER BARREL - L.H.	1	
	*59543	CYLINDER BARREL - R.H.	1	
47	45890	BUFFER RING	1	
48	*56905	PISTON ROD	1	
50	111A-0808	CONNECTOR	2 or 4	
51	111B-0808	CONNECTOR	2	
52	111C-0808	TEE	2	
53	111E-0808	CONNECTOR	3	
54	111F-0808	CONNECTOR	1	
55	112A-08	CONNECTOR	1	
56	9313 x 33	HOSE	1	
57	9313 x 36	HOSE	1	730 thru 740A
58	9313 x 42	HOSE	1	
59	9313 x 48	HOSE	1	
60	9313 x 39	HOSE	1	
61	9313 x 42	HOSE	1	710 thru 720A
62	9313 x 36	HOSE	1	
63	9313 x 39	HOSE	1	750 thru 780A
64	9313 x 42	HOSE	2	
65	14382 x 215	HOSE	2	
66	34951	THERMAL RELIEF LOCK VALVE	1	
	23711	**MAJOR REPAIR KIT FOR 34951** - LOCK VALVE (DOES NOT INCLUDE 23712 SEAL KIT)	1	
	23712	**SEAL KIT FOR 34951** - LOCK VALVE	1	
67	35541	GROMMET	2	
68	50A-0416	BOLT	3	
69	14A-04	LOCKWASHER	3	
70	30A-04	NUT	3	
71		MANIFOLD ASSEMBLY	REF.	Sect 4 Pg 7

EFFECTIVE SERIAL NUMBER(S) 16224, 16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 1 PAGE 19
SECCION 1 PAGINA 19



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

LEANING WHEEL CYLINDER & CIRCUIT - ALL WHEEL DRIVE

JANUARY 1986

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

LEANING WHEEL CYLINDER & CIRCUIT - ALL WHEEL DRIVE

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	30542	LEANING WHEEL CYLINDER ASSEMBLY - R.H. - INCLUDES ITEMS 3 TO 12 & 14 TO 16	1	TO SERIAL NO. 16783
2	30543	LEANING WHEEL CYLINDER ASSEMBLY - L.H. - INCLUDES ITEMS 3 TO 13,15 & 16	1	UP TO U.S. NO. 2476-2
3	12A-214	O RING	1	
4	12A-334	O RING	1	
5	37H-16	LOCKNUT	1	
6	12164	ROD SEAL	1	
7	12165	PISTON SEAL	2	
8	12166	WIPER	1	
9	17605	CYLINDER NUT	1	
10	17606	PISTON	1	
11	17607	GLAND	1	
12	17613	WASHER	1	
13	30544	CYLINDER BARREL - L.H.	1	
14	30545	CYLINDER BARREL - R.H.	1	
15	30546	PISTON ROD	1	
16	29A-02	GREASE FITTING	2	
	26408	REPAIR KIT FOR 30542 & 30543 CYLINDER ASSY. - INCLUDES ITEMS 3 TO 8 & 12	A.R.	
17	*42234	LEANING WHEEL CYLINDER ASSEMBLY - L.H. - INCLUDES ITEMS 19 TO 29,30 & 32	1	SERIAL NO. 16860 & UP
18	*42235	LEANING WHEEL CYLINDER ASSEMBLY - R.H. - INCLUDES ITEMS 19 TO 28 & 30 TO 32	1	
19	*12A-216	O RING	1	
20	12A-334	O RING	1	
21	*51A-1220	BOLT	1	
22	12164	ROD SEAL	1	
23	12165	PISTON SEAL	2	
24	12166	WIPER	1	
25	17605	CYLINDER NUT	1	
26	17606	PISTON	1	
27	17607	GLAND	1	
28	17613	WASHER	1	
29	*42236	CYLINDER BARREL - L.H.	1	
30	*42237	CYLINDER BARREL - R.H.	1	
31	*42238	PISTON ROD	1	
32	29A-02	GREASE FITTING	2	
	*43098	REPAIR KIT FOR 42234 & 42235 CYLINDER ASSY. - INCLUDES ITEMS 19 TO 24 & 28	A.R.	

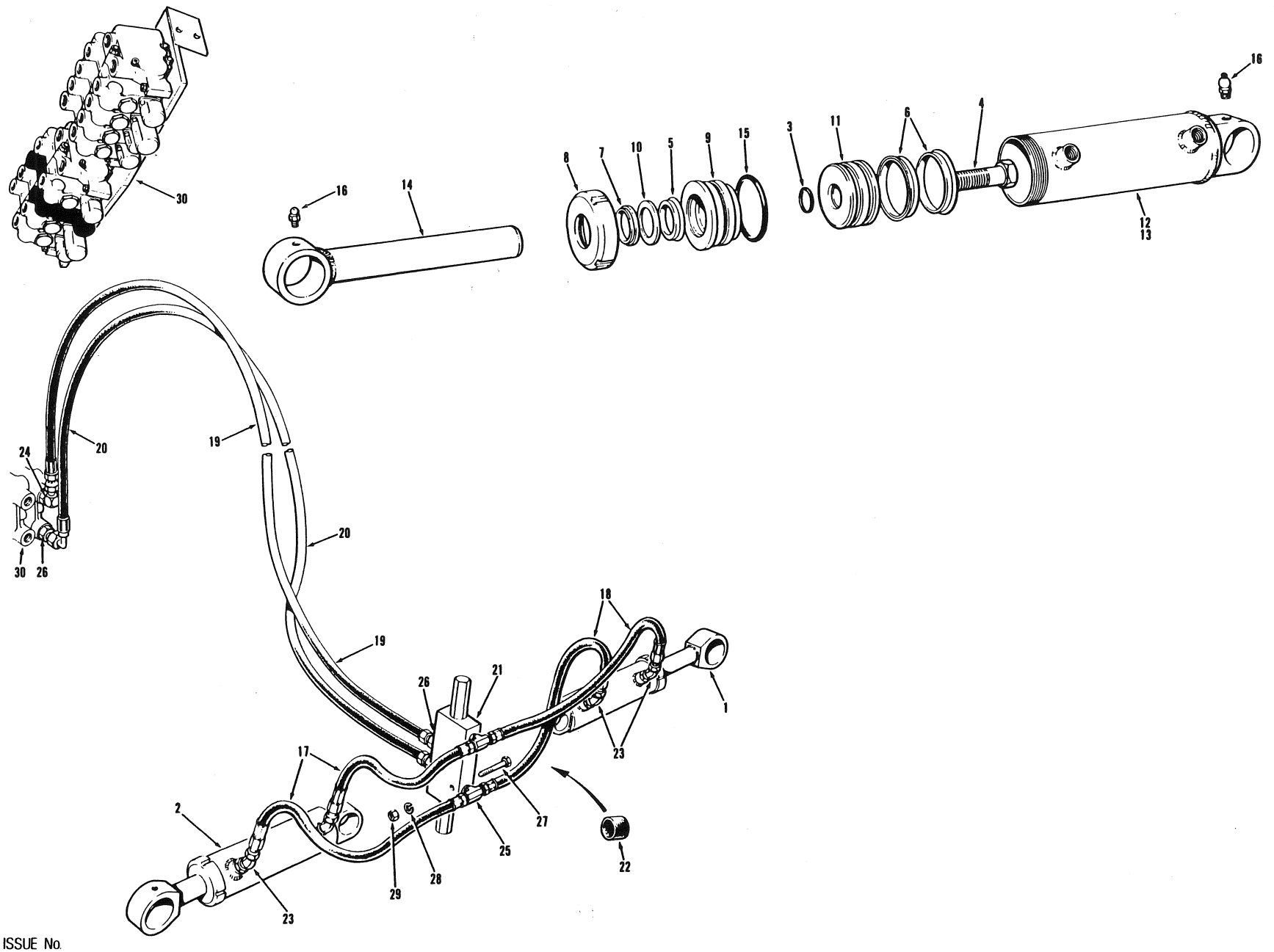
No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
33	9313 X 42	HOSE	2	
34	9313 X 48	HOSE	2	
35	17417	TUBE - L.H.	1	
36	17418	TUBE - R.H.	1	
37	34951	LOCK VALVE	1	
38	41268	TUBE - L.H.	1	710 & 710A
39	41269	TUBE - R.H.	1	710 & 710A
40	41280	TUBE - L.H.	1	720, 720A, 730 & 730A
41	41281	TUBE - R.H.	1	720, 720A, 730 & 730A
42	110L-0808	CONNECTOR	2	
43	111A-0808	CONNECTOR	4	
44	111B-0808	CONNECTOR	2	
45	111C-0808	TEE	2	
46	111E-0808	CONNECTOR	2	
47	50A-0416	BOLT	3	
48	14A-04	LOCKWASHER	3	
49	30A-04	NUT	3	
50		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGES 7 & 8
	23711	MAJOR REPAIR KIT FOR 34951 LOCK VALVE - (DOES NOT INCLUDE 23712 SEAL KIT)	A.R.	
	23712	SEAL KIT FOR 34951 LOCK VALVE	A.R.	

EFFECTIVE SERIAL NUMBER(S) 18578,18590,18592 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 1 PAGE 19
SECCION 1 PAGINA 19

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2

LEANING WHEEL CYLINDER & CIRCUIT - ALL WHEEL DRIVE

JANUARY 1988

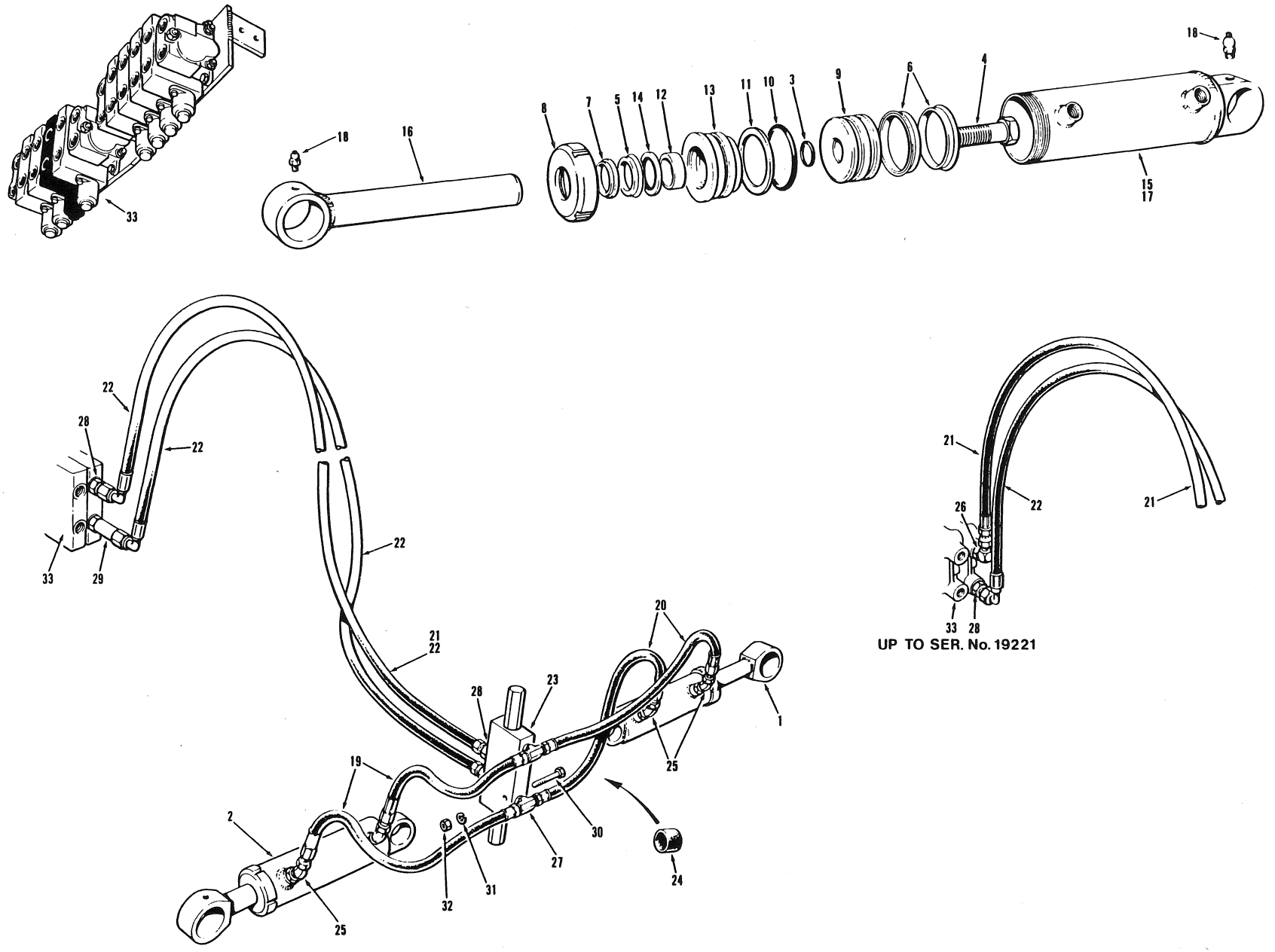
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

LEANING WHEEL CYLINDER & CIRCUIT - ALL WHEEL DRIVE

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	42234	LEANING WHEEL CYLINDER ASSEMBLY - L.H. - INCLUDES ITEMS 3 TO 12,14 TO 16	1	
2	42235	LEANING WHEEL CYLINDER ASSEMBLY - R.H. - INCLUDES ITEMS 3 TO 11 & 13 TO 16	1	
3	12A-216	O RING	1	
4	51A-1220	BOLT	1	
5	12164	ROD SEAL	1	
6	12165	PISTON SEAL	2	
7	12166	WIPER	1	
8	17605	CYLINDER NUT	1	
9	17607	GLAND	1	
10	17613	WASHER	1	
11	*42122	PISTON	1	
12	42236	CYLINDER BARREL - L.H.	1	
13	42237	CYLINDER BARREL - R.H.	1	
14	42238	PISTON ROD	1	
15	*44243	O RING	1	
16	29A-02	GREASE FITTING	2	
	*42975	REPAIR KIT FOR 42234 & 42235 CYLINDER ASSY. - INCLUDES ITEMS 3 TO 7,10 & 15	A.R.	
17	9313 X 42	HOSE	2	
18	9313 X 48	HOSE	2	
19	*9313 X 215	HOSE	1	
20	*14382 X 215	HOSE	1	
21	34951	LOCK VALVE	1	
22	*35541	GROMMET	2	
23	111A-0808	CONNECTOR	4	
24	111B-0808	CONNECTOR	1	
25	111C-0808	TEE	2	
26	111E-0808	CONNECTOR	3	
27	50A-0416	BOLT	3	
28	14A-04	LOCKWASHER	3	
29	30A-04	NUT	3	
30		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
	23711	MAJOR REPAIR KIT FOR 34951 LOCK VALVE - (DOES NOT INCLUDE 23712 SEAL KIT)	A.R.	
	23712	SEAL KIT FOR 34951 LOCK VALVE	A.R.	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS



UP TO SER. No. 19221

EFFECTIVE SERIAL NUMBER(S) 19044 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 1 PAGE 19
SECCION 1 PAGINA 19

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3 REVISION A

LEANING WHEEL CYLINDER & CIRCUIT - ALL WHEEL DRIVE

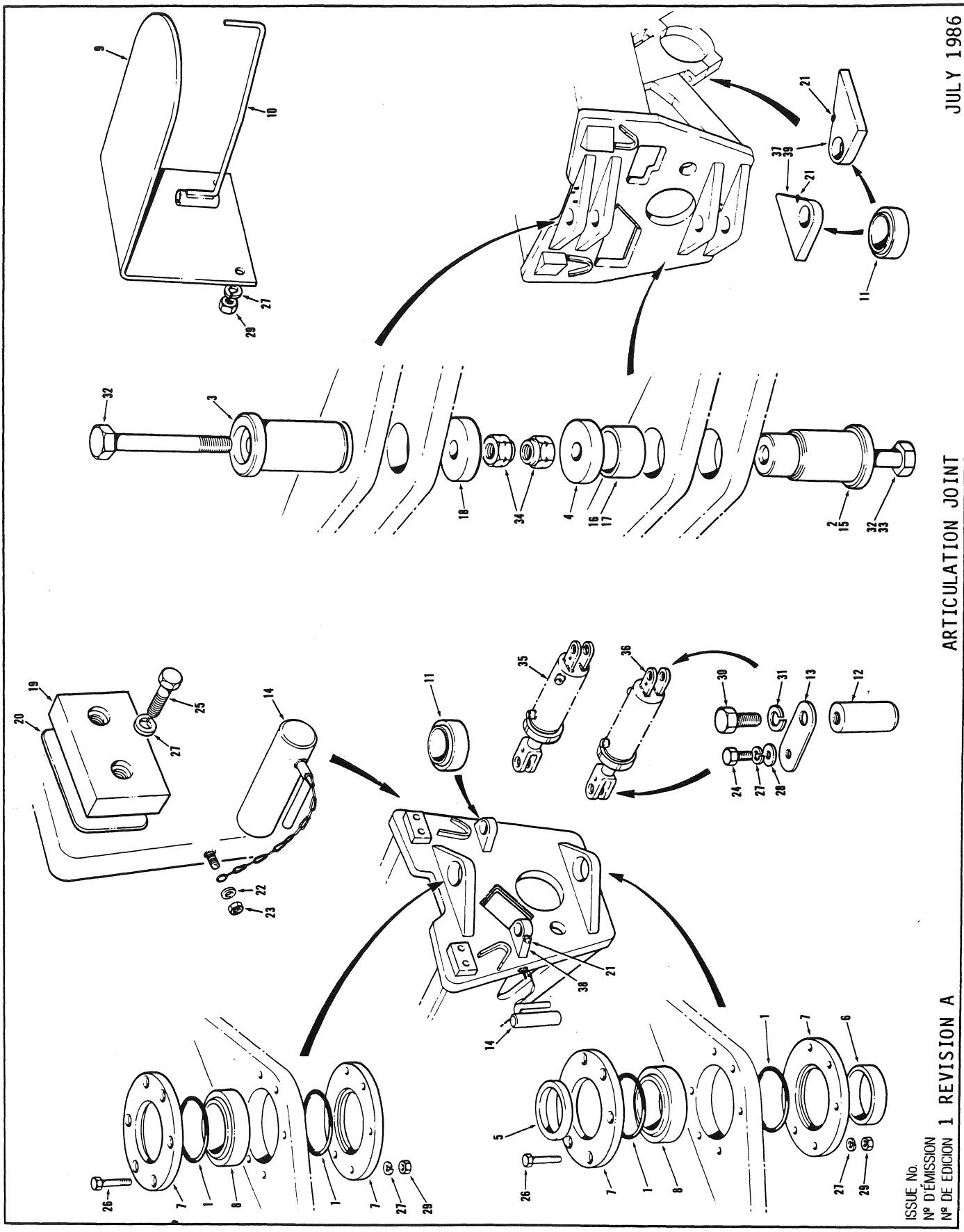
FEBRUARY 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	46108	LEANING WHEEL CYLINDER ASSEMBLY - L.H. - INCLUDES ITEMS 3 TO 16 & 18	1	
2	46109	LEANING WHEEL CYLINDER ASSEMBLY - R.H. - INCLUDES ITEMS 3 TO 14 & 16 TO 18	1	
3	12A-216	O RING	1	
4	50A-1220	BOLT	1	
5	12164	ROD SEAL	1	
6	12165	PISTON SEAL	2	
7	12166	WIPER	1	
8	17605	CYLINDER NUT	1	
9	42122	PISTON	1	
10	44243	O RING	1	
11	44343	BACK-UP RING	1	
12	49394	WEAR RING	1	
13	49393	GLAND	1	
14	45889	BUFFER RING	1	
15	46299	CYLINDER BARREL - L.H.	1	
16	46300	PISTON ROD	1	
17	46301	CYLINDER BARREL - R.H.	1	
18	28A-04	GREASE FITTING	2	
	48870	REPAIR KIT FOR 46108 & 46109 CYL. ASSY. - INCLUDES ITEMS 3 TO 7,10,11,12 & 14	A.R.	
19	9313 X 42	HOSE	2	
20	9313 X 48	HOSE	2	
21	9313 X 215	HOSE	1	UP TO S/N 19221
22	14382 X 215	HOSE	1	
23	34951	THERMAL RELIEF LOCK VALVE	1	
24	35541	GROMMET	2	
25	111A-0808	CONNECTOR	4	
26	111B-0808	CONNECTOR	1	UP TO S/N 19221
27	111C-0808	TEE	2	
28	111E-0808	CONNECTOR	3	
29	*111F-0808	CONNECTOR	1	S/N 19323 & UP
30	50A-0416	BOLT	3	
31	14A-04	LOCKWASHER	3	
32	30A-04	NUT	3	
33		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
	23711	MAJOR REPAIR KIT FOR 34951 LOCK VALVE - (DOES NOT INCLUDE 23712 SEAL KIT)	A.R.	
	23712	SEAL KIT FOR 34951 LOCK VALVE	A.R.	

CHAMPION ROAD MACHINERY



ARTICULATION JOINT

JULY 1986

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

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EFFECTIVE SERIAL NUMBER(S) 16224,16245 TO 17342
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 TO 2555-2

700 SERIES
SERIE 700

SECTION 1 PAGE 21
SECCION PAGINA

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	12A-240	O RING	4	
2	12742	PIN	1	720A, 730A & 740A
3	12743	PIN	1	
4	12745	WASHER	1	
5	12746	SPACER	1	
6	12747	SPACER	1	
7	12759	RETAINER	4	
8	12764	BEARING	2	
9	*41784	COVER	1	
10	18329	LINKAGE ARM	1	
11	19630	BEARING	4	
12	23996-1	PIN - ARTICULATION CYLINDER	4	
13	24206-1	LOCKING PLATE	4	
14	32569	LOCKING PIN	2	
15	33650	PIN	1	710A
16	34134	SLEEVE	1	720A, 730A & 740A
17	34250	SLEEVE	1	710A
18	34931	WASHER	1	
19	40475	STOP BLOCK	2	
20	*42056	SHIM - 10GA.	A.R.	
	*43586	SHIM - .25"	A.R.	
	*43587	SHIM - .50"	A.R.	
	*43588	SHIM - 1.00"	A.R.	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
21	29E-04	GREASE FITTING	4	
22	14C-04	FLATWASHER	2	
23	30A-04	NUT	2	
24	*50A-0606	BOLT	4	
25	50A-0612	BOLT	4	
26	50A-0620	BOLT	12	
27	14A-06	LOCKWASHER	22	
28	*14C-06	FLATWASHER	4	
29	30A-06	NUT	14	
30	50A-1008	BOLT	4	
31	14A-10	LOCKWASHER	4	
32	50A-1664	BOLT	1	720A, 730A & 740A
			2	710A
33	50A-1672	BOLT	1	
34	36D-16	LOCKNUT	2	
35		ARTICULATION CYLINDER - R.H.	REF.	SECTION 4 PAGES 17/18
36		ARTICULATION CYLINDER - L.H.		
		REPAIR PARTS		
37	23977	PIVOT LUG - REAR HINGE	A.R.	720A, 730A &740A
38	24044	PIVOT LUG - FRONT HINGE	A.R.	
39	28942	PIVOT LUG - REAR HINGE	A.R.	710A

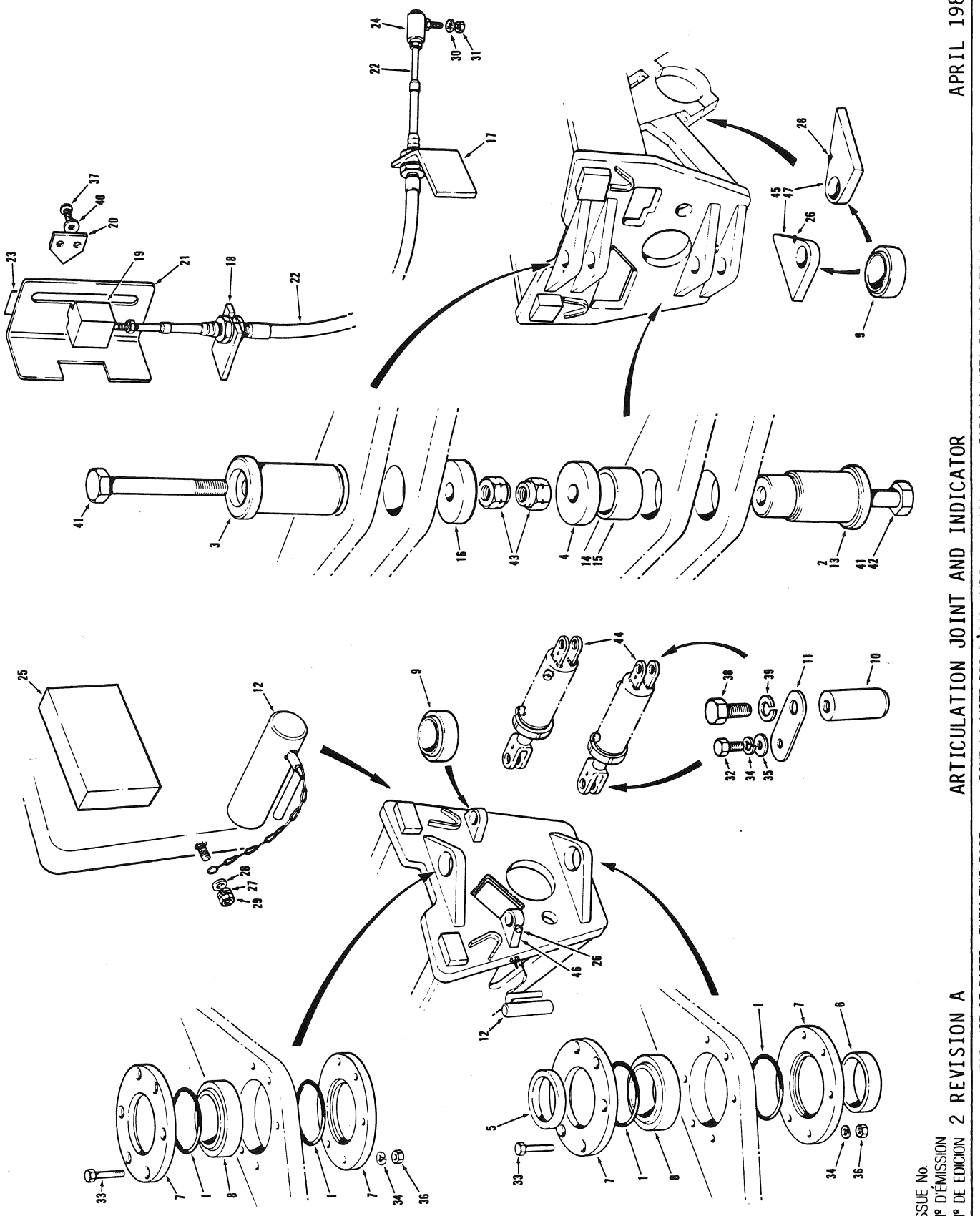
CHAMPION ROAD MACHINERY

APRIL 1987

ARTICULATION JOINT AND INDICATOR

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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION A



EFFECTIVE SERIAL NUMBER(S) 17343 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2556-2 & UP

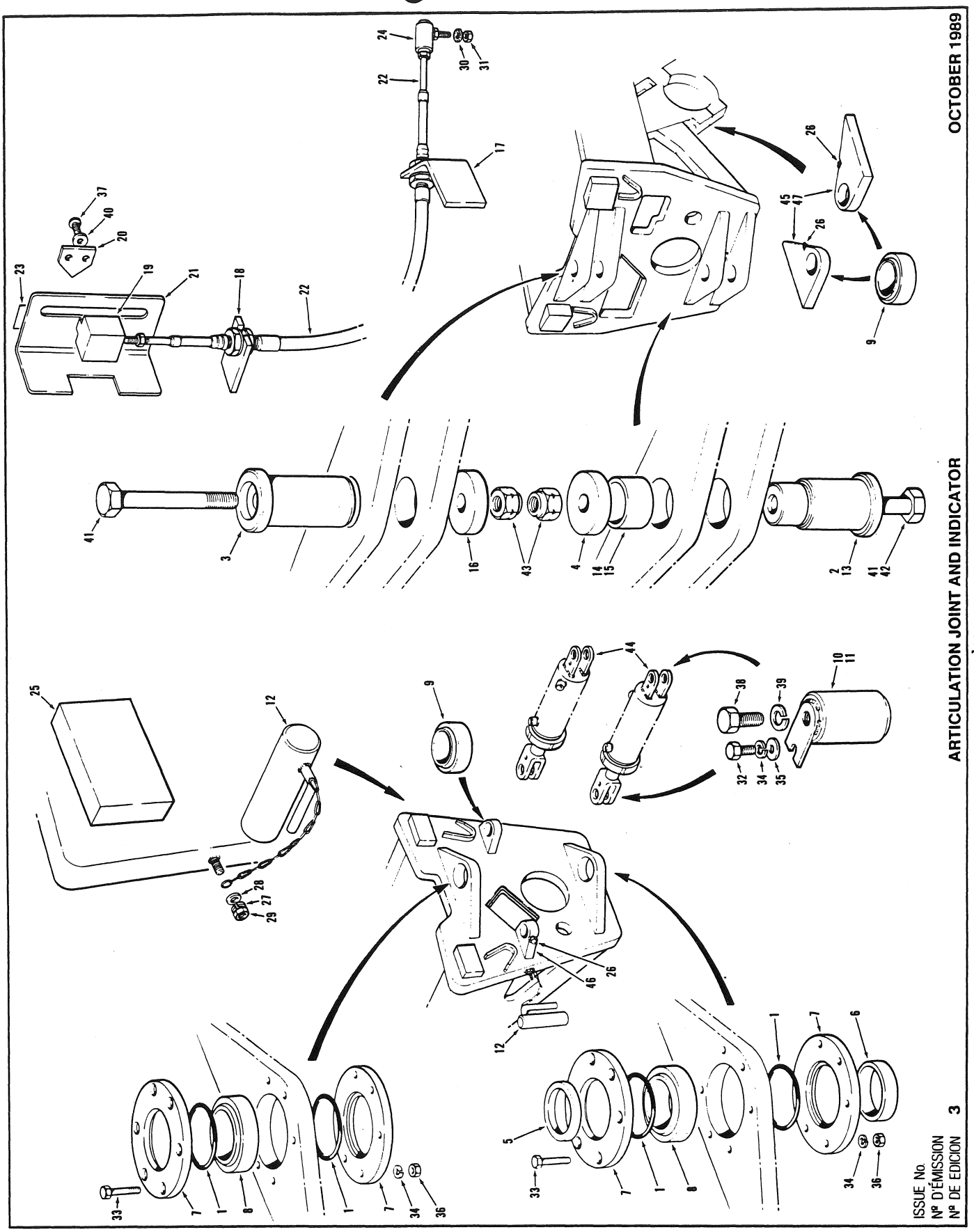
700 SERIES
SERIE 700

SECTION 1 PAGE 21
SECCION PAGINA

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

ARTICULATION JOINT AND INDICATOR

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	12A-240	O RING	4	
2	12742	PIN	1	720A THRU 780A
3	12743	PIN	1	
4	12745	WASHER	1	
5	12746	SPACER	1	
6	12747	SPACER	1	
7	12759	RETAINER	4	
8	12764	BEARING	2	
9	19630	BEARING	4	
10	23996-1	PIN - ARTICULATION CYLINDER	4	
11	24206-2	LOCKING PLATE	4	
12	32569	LOCKING PIN	2	
13	33650	PIN	1	710A
14	34134	SLEEVE	1	720A THRU 780A
15	34250	SLEEVE	1	710A
16	34931	WASHER	1	
17	42058	CABLE ANCHOR	1	REPAIR PART
18	42059	CABLE ANCHOR	1	REPAIR PART
19	42060	SLIDER BLOCK	1	
20	42061	ARTICULATION POINTER	1	
21	42062	INDICATOR BRACKET	1	
22	43138	CABLE	1	
23	43189	DECAL	1	
24	43139	BALL JOINT	1	
25	42056	SHIM - 10Ga.	A.R.	REPAIR PART
	43586	SHIM - .25"	A.R.	
	43587	SHIM - .50"	A.R.	
	43588	SHIM - 1.00"	A.R.	
26	29E-04	GREASE FITTING	4	
27	14A-04	LOCKWASHER	2	
28	14C-04	FLATWASHER	2	
29	30A-04	NUT	2	
30	14J-05	LOCKWASHER	1	
31	31A-05	NUT	1	
32	50A-0606	BOLT	4	
33	50A-0620	BOLT	12	
34	14A-06	LOCKWASHER	16	
35	14C-06	FLATWASHER	4	
36	30A-06	NUT	12	
37	53L-1004	SCREW	2	
38	50A-1008	BOLT	4	
39	14A-10	LOCKWASHER	4	
40	14F-10	FLATWASHER	2	
41	50A-1664	BOLT	1	720A THRU 780A
42	50A-1672	BOLT	1	710A
43	36D-16	LOCKNUT	2	
44		ARTICULATION CYLINDER	REF.	SECTION 4 PAGE 14
		REPAIR PARTS		
45	23977	PIVOT LUG - REAR HINGE	A.R.	720A THRU 780A
46	24044	PIVOT LUG - FRONT HINGE	A.R.	
47	28942	PIVOT LUG - REAR HINGE	A.R.	710A



CHAMPION ROAD MACHINERY

ARTICULATION JOINT AND INDICATOR

OCTOBER 1989

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ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

EFFECTIVE SERIAL NUMBER(S) 20012, 20019 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

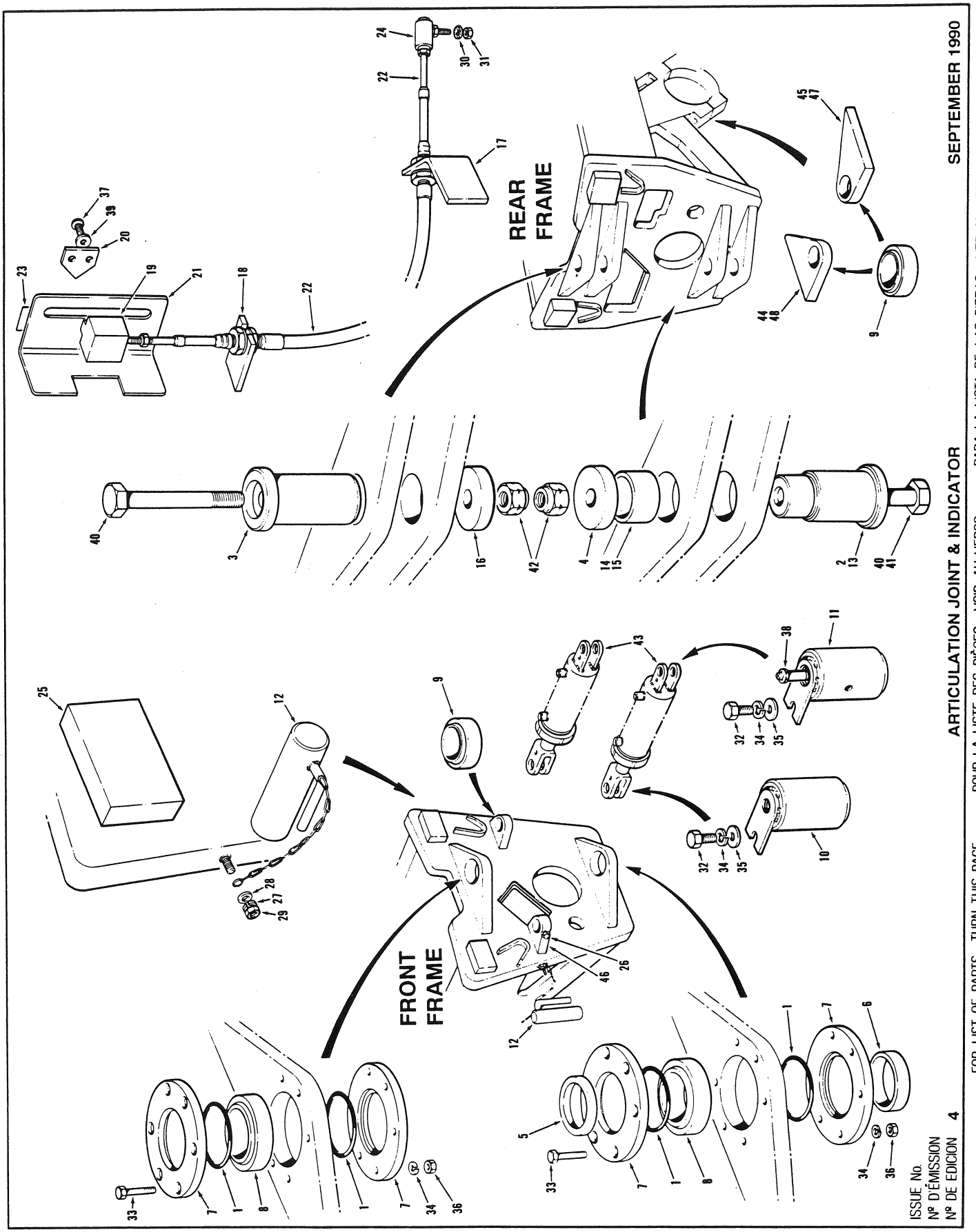
700 SERIES
SERIE 700

SECTION 1 PAGE 21
SECCION PAGINA

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

ARTICULATION JOINT AND INDICATOR

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	12A-240	O RING	4	
2	12742	PIN	1	720A thru 780A
3	12743	PIN	1	
4	12745	WASHER	1	
5	12746	SPACER	1	
6	12747	SPACER	1	
7	12759	RETAINER	4	
8	12764	BEARING	2	
9	19630	BEARING	4	
10	*49137	PIN - ARTICULATION CYLINDER - FRONT & REAR	4	710A thru 730A
		- FRONT	2	740 thru 780A
11	*53849	PIN - ARTICULATION CYLINDER	2	740A thru 780A
12	32569	LOCKING PIN	2	
13	33650	PIN	1	710A
14	34134	SLEEVE	1	720A thru 780A
15	34250	SLEEVE	1	710A
16	34931	WASHER	1	
17	42058	CABLE ANCHOR	1	REPAIR
18	42059	CABLE ANCHOR	1	PART
19	42060	SLIDER BLOCK	1	
20	42061	ARTICULATION POINTER	1	
21	42062	INDICATOR BRACKET	1	
22	43138	CABLE	1	
23	43189	DECAL	1	
24	43139	BALL JOINT	1	
25	42056	SHIM - 10 GA.	A.R.	REPAIR PART
	43586	SHIM - .25"	A.R.	
	43587	SHIM - .50"	A.R.	
	43588	SHIM - 1.00 "	A.R.	
26	29E-04	GREASE FITTING	4	
27	14A-04	LOCKWASHER	2	
28	14C-04	FLATWASHER	2	
29	30A-04	NUT	2	
30	14J-05	LOCKWASHER	1	
31	31A-05	NUT	1	
32	50A-0606	BOLT	4	
33	50A-0620	BOLT	12	
34	14A-06	LOCKWASHER	16	
35	14C-06	FLATWASHER	4	
36	30A-06	NUT	12	
37	53L-1004	SCREW	2	
38	50A-1008	BOLT	4	
39	14A-10	LOCKWASHER	4	
40	14F-10	FLATWASHER	2	
41	50A-1664	BOLT	1	720A thru 780A
42	50a-1672	BOLT	1	710A
43	36D-16	LOCKNUT	2	
44		ARTICULATION CYLINDER	REF.	SECTION 4 PAGE 14
		REPAIR PARTS		
45	23977	PIVOT LUG - REAR HINGE	A.R.	720A thru 780A
46	*37709	PIVOT LUG - FRONT HINGE	A.R.	
47	*46922	PIVOT LUG - REAR HINGE	A.R.	710A



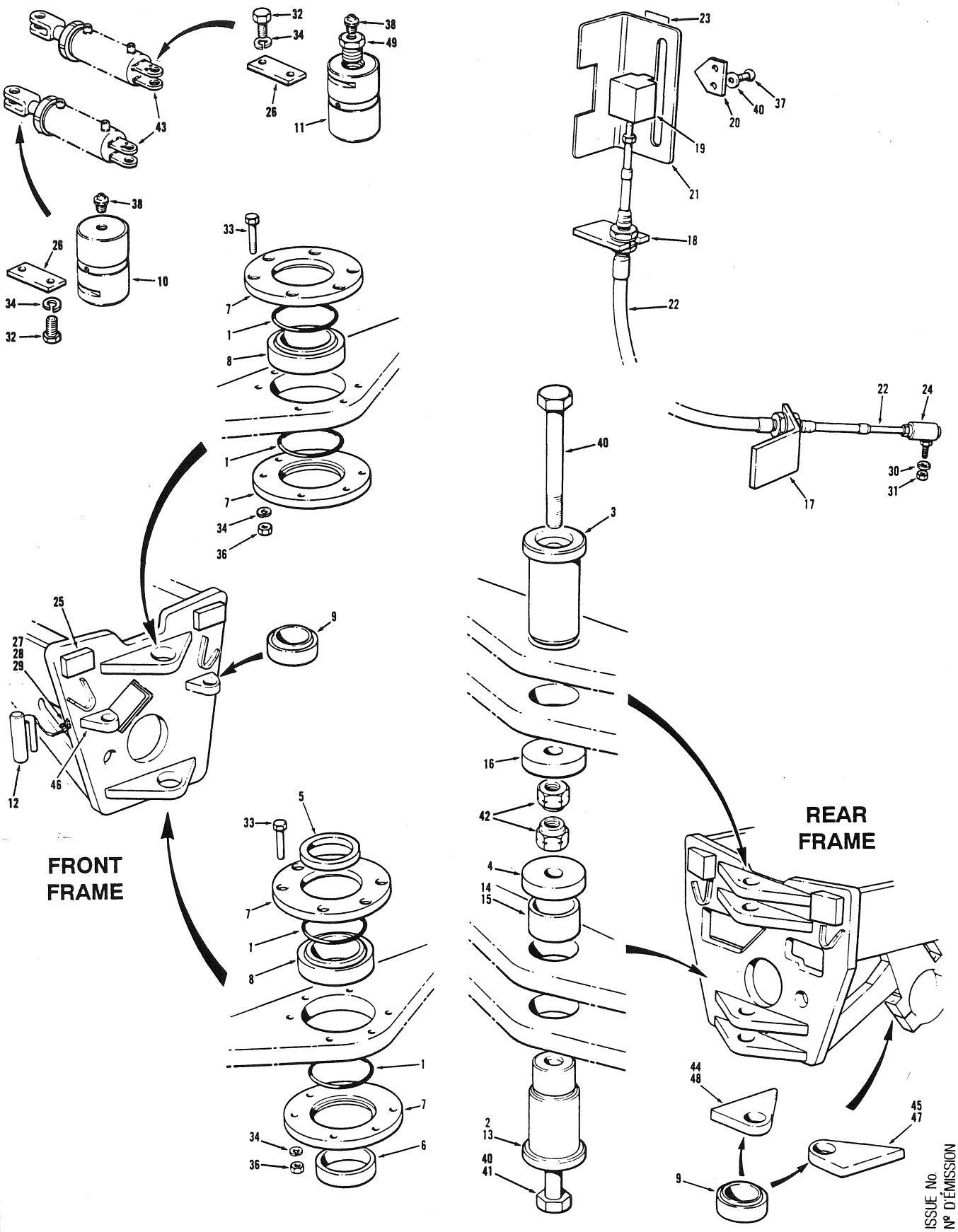
EFFECTIVE SERIAL NUMBER(S) 20627 TO 20891
NUMERO(S) DE SÉRIE EFFECTIF(S)
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ARTICULATION JOINT AND INDICATOR

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	12A-240	O RING	4	
2	12742	PIN	1	720A thru 780A
3	12743	PIN	1	
4	12745	WASHER	1	
5	12746	SPACER	1	
6	12747	SPACER	1	
7	12759	RETAINER	4	
8	12764	BEARING	2	
9	19630	BEARING	4	
10	49137	PIN - ARTICULATION CYLINDER - FRONT	2	710A thru 780A
11	*56728	PIN - ARTICULATION CYLINDER - REAR	2	710A
	*56729	PIN - ARTICULATION CYLINDER - REAR	2	720A thru 780A
12	32569	LOCKING PIN	2	
13	33650	PIN	1	710A
14	34134	SLEEVE	1	720A thru 780A
15	34250	SLEEVE	1	710A
16	34931	WASHER	1	
17	42058	CABLE ANCHOR	1	REPAIR
18	42059	CABLE ANCHOR	1	PART
19	42060	SLIDER BLOCK	1	
20	42061	ARTICULATION POINTER	1	
21	42062	INDICATOR BRACKET	1	
22	43138	CABLE	1	
23	43189	DECAL	1	
24	43139	BALL JOINT	1	
	42056	SHIM - 10 GA.	1	
	43586	SHIM - .25"	1-2	REPAIR
25	43587	SHIM - .50"	1	PART
	43588	SHIM - 1.00 "	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
26	29E-04	GREASE FITTING	2	
27	14A-04	LOCKWASHER	2	
28	14C-04	FLATWASHER	2	
29	30A-04	NUT	2	
30	14J-05	LOCKWASHER	1	
31	31A-05	NUT	1	
32	50A-0606	BOLT	6	
33	50A-0620	BOLT	12	
34	14A-06	LOCKWASHER	18	
35	14C-06	FLATWASHER	6	
36	30A-06	NUT	12	
37	53L-1004	SCREW	2	
38	*29G-01	GREASE FITTING	2	
39	14F-10	FLATWASHER	2	
40	50A-1664	BOLT	1	720A thru 780A
41	50A-1672	BOLT	1	710A
42	36D-16	LOCKNUT	2	
43		ARTICULATION CYLINDER	REF.	SECTION 4 PAGE 43
		REPAIR PARTS		
44	*56726	PIVOT LUG - REAR HINGE - R.H.	1	720A thru 780A
45	*56727	PIVOT LUG - REAR HINGE - L.H.	1	720A thru 780A
46	37709	PIVOT LUG - FRONT HINGE - R.H. & L.H.	2	
47	*56725	PIVOT LUG - REAR HINGE - L.H.	1	710A
48	*56747	PIVOT LUG - REAR HINGE - R.H.	1	710A



CHAMPION ROAD MACHINERY

ARTICULATION JOINT & INDICATOR

FEBRUARY 1991

5 REVISION A

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
20893 & UP

700 SERIES
SERIE 700

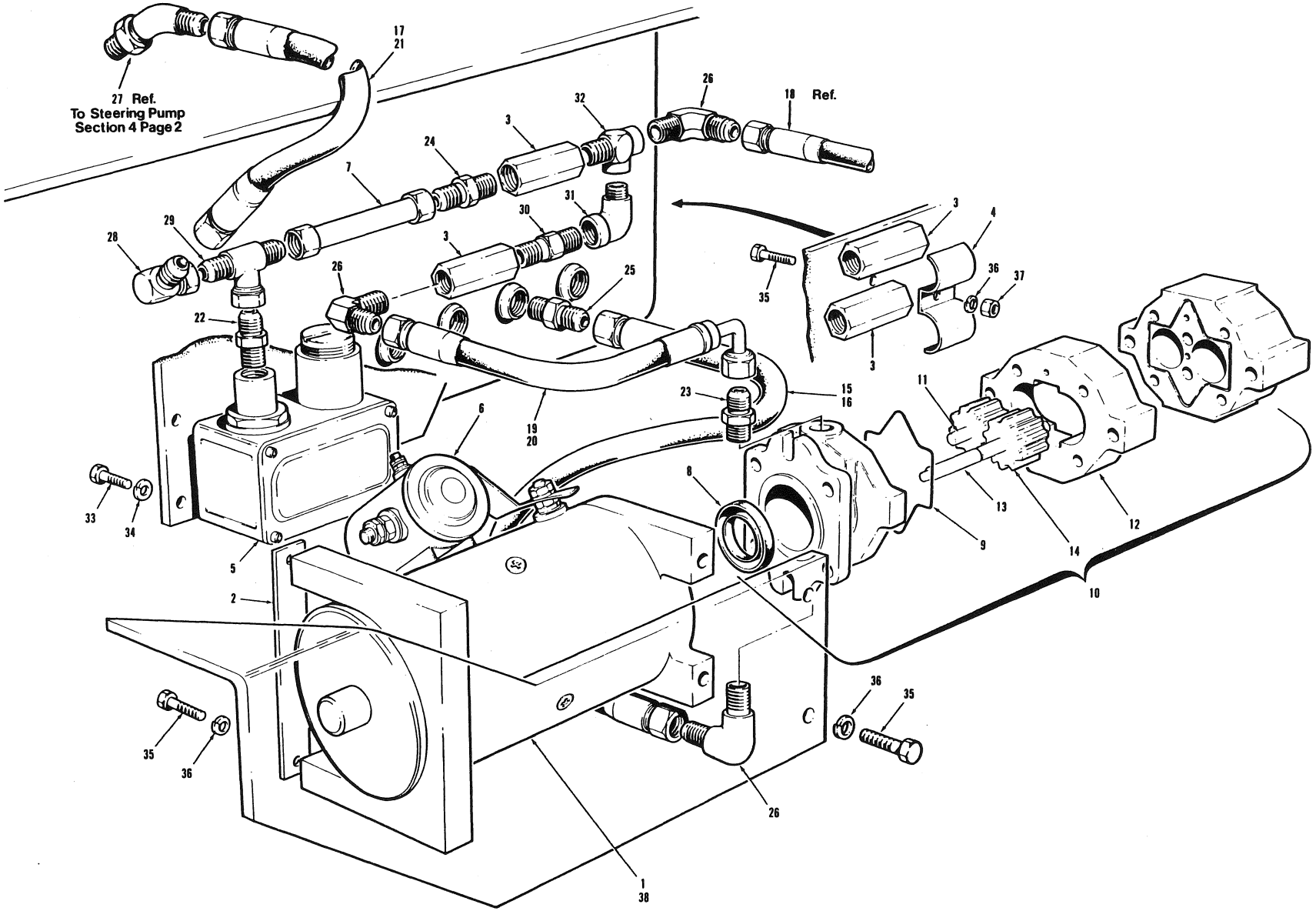
SECTION 1 PAGE 21
SECCION PAGINA

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

ARTICULATION JOINT AND INDICATOR

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	12A-240	O RING	4	
2	12742	PIN	1	720A thru 780A
3	12743	PIN	1	
4	12745	WASHER	1	
5	12746	SPACER	1	
6	12747	SPACER	1	
7	12759	RETAINER	4	
8	12764	BEARING	2	
9	19630	BEARING	4	
10	59327	PIN - ARTICULATION CYLINDER - FRONT	2	
11	59450	PIN - ARTICULATION CYLINDER - REAR	2	
12	32569	LOCKING PIN	2	
13	33650	PIN	1	710A
14	34134	SLEEVE	1	720A thru 780A
15	34250	SLEEVE	1	710A
16	34931	WASHER	1	
17	42058	CABLE ANCHOR	1	REPAIR
18	42059	CABLE ANCHOR	1	PART
19	42060	SLIDER BLOCK	1	
20	42061	ARTICULATION POINTER	1	
21	42062	INDICATOR BRACKET	1	
22	43138	CABLE	1	
23	43189	DECAL	1	
24	43139	BALL JOINT	1	
	42056	SHIM - 10 GA.	1	
	43586	SHIM - .25"	1-2	REPAIR
25	43587	SHIM - .50"	1	PART
	43588	SHIM - 1.00 "	1	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
26	56909	LOCKING PLATE	4	
27	14A-04	LOCKWASHER	2	
28	14C-04	FLATWASHER	2	
29	30A-04	NUT	2	
30	14J-05	LOCKWASHER	1	
31	31A-05	NUT	1	
32	50A-0606	BOLT	8	
33	50A-0620	BOLT	12	
34	14A-06	LOCKWASHER	20	
35	14C-06	FLATWASHER	4	
36	30A-06	NUT	12	
37	53L-1004	SCREW	2	
38	28A-04	GREASE FITTING	4	
39	14F-10	FLATWASHER	2	
40	50A-1664	BOLT	1	720A thru 780A
41	50A-1672	BOLT	1	710A
42	36D-16	LOCKNUT	2	
43		ARTICULATION CYLINDER	REF.	Sect 4 Pg 43
		REPAIR PARTS		
44	56726	PIVOT LUG - REAR HINGE - R.H.	1	720A thru 780A
45	56727	PIVOT LUG - REAR HINGE - L.H.	1	720A thru 780A
46	37709	PIVOT LUG - FRONT HINGE - R.H. & L.H.	2	
47	56725	PIVOT LUG - REAR HINGE - L.H.	1	710A
48	56747	PIVOT LUG - REAR HINGE - R.H.	1	710A
49	*59448	PLUG - PIN ARTICULATION CYLINDER - REAR	2	



EFFECTIVE SERIAL NUMBER(S) 17409 TO 19842
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2553-2 TO 2658-2

700 SERIES
SERIE 700

SECTION 1 PAGE 23
SECCION 1 PAGINA 23

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **1 REVISION D**

SUPPLEMENTAL STEERING

MAY 1989

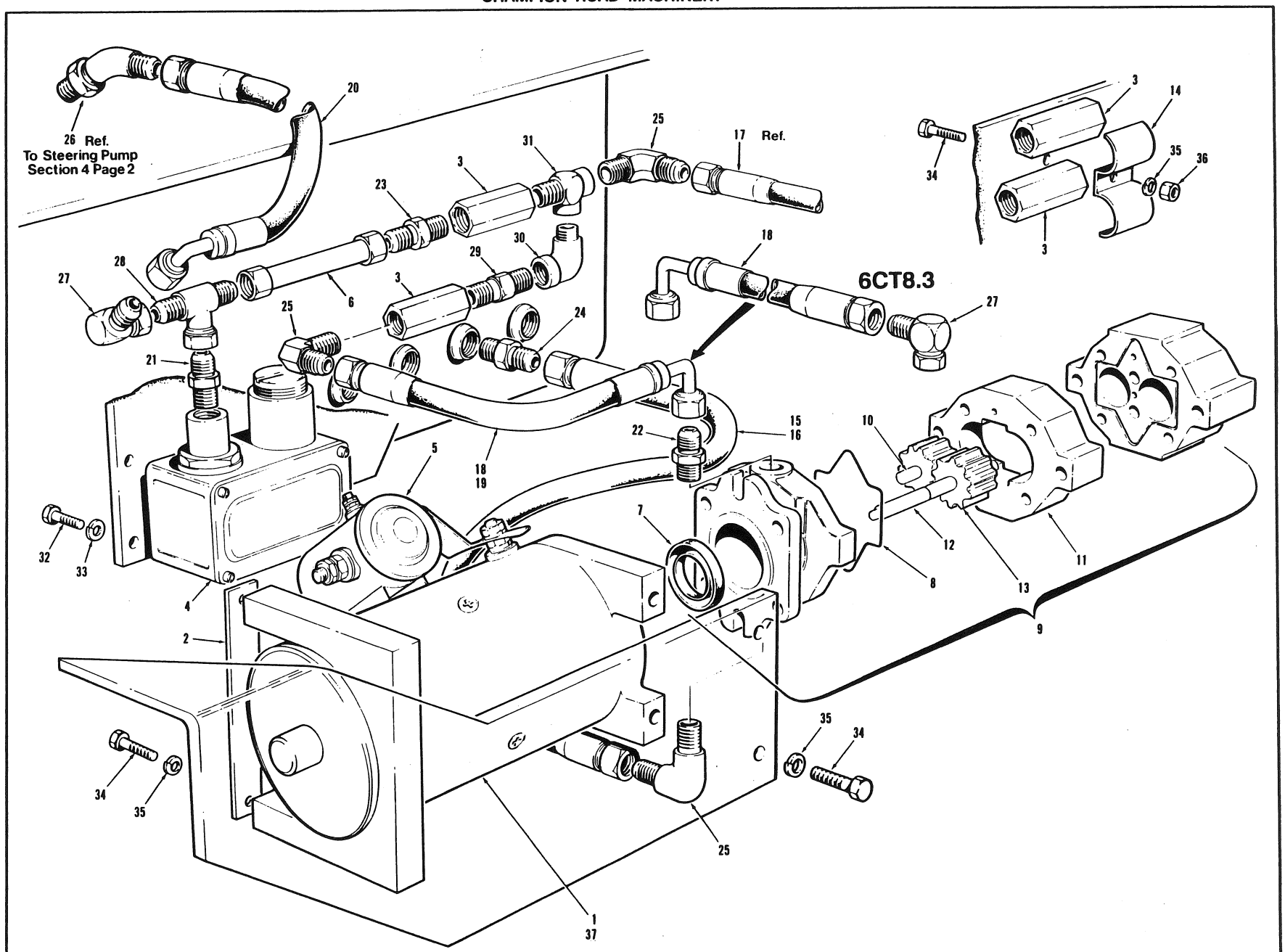
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	15979	PUMP ASSEMBLY - C/W MOTOR & ITEMS 6 & 10	1	
2	24995	STRAP	1	
3	24997	CHECK VALVE	2	
4	27756	HOSE CLAMP	1	
5	27849	SWITCH	1	
6	35215	SOLENOID	1	
7	43473	TUBE ASSY.	1	
8	44740	OIL SEAL	1	
9	44741	SEAL RING	2	
10	44739	PUMP	1	
11	45042	SHAFT ASSY.	1	
12	45043	GEAR PLATE	1	
13	45044	DRIVE SHAFT	1	
14	45045	GEAR	1	
15	9313 X 18	HOSE	1	6BT5.9 6CT8.3
16	9313 X 22	HOSE	1	LT-10-C
17	9313 X 42	HOSE	1	6BT5.9 6CT8.3
18	9313 X 223	HOSE	REF.	
19	14382 X 12	HOSE	1	6BT5.9 6CT8.3
20	14382 X 14	HOSE	1	LT-10-C
21	14382 X 42	HOSE	1	LT-10-C
22	110G-0804	CONNECTOR	1	
23	110G-0806	CONNECTOR	1	
24	110G-0808	CONNECTOR	1	
25	111E-0812	CONNECTOR	1	
26	110R-0808	CONNECTOR	3	
27	111A-0808	CONNECTOR	REF.	
28	112B-08	CONNECTOR	1	
29	112D-08	CONNECTOR	1	
30	115A-0808	CONNECTOR	1	
31	115J-0808	CONNECTOR	1	
32	115V-0808	CONNECTOR	1	
33	50A-0406	BOLT	4	
34	14A-04	LOCKWASHER	4	
35	50A-0612	BOLT	5	
36	14A-06	LOCKWASHER	5	
37	30A-06	NUT	1	
38	45627	MOTOR	1	

INSTALLATION KITS

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	43776	COMPLETE INSTALLATION KIT FOR GRADER MODEL 740 THRU 780A	A.R.	12 VOLT
	*43897	COMPLETE INSTALLATION KIT FOR GRADER MODEL 710 & 710A	A.R.	12 VOLT
	44627	COMPLETE INSTALLATION KIT FOR GRADER MODEL 720 THRU 730A	A.R.	12 VOLT UP TO S/N 19424
	48129	COMPLETE INSTALLATION KIT FOR GRADER MODEL 740 THRU 780A	A.R.	12/24 VOLT
	48130	COMPLETE INSTALLATION KIT FOR GRADER MODEL 710 & 710A	A.R.	12/24 VOLT
	48131	COMPLETE INSTALLATION KIT FOR GRADER MODEL 720 THRU 730A	A.R.	12/24 VOLT UP TO S/N 19424
	*52382	COMPLETE INSTALLATION KIT FOR GRADER MODELS 720 THRU 730A	A.R.	12 VOLT S/N 19425 & UP
	*52383	COMPLETE INSTALLATION KIT FOR GRADER MODELS 720 THRU 730A	A.R.	12/24 VOLT S/N 19425 & UP
	NOTE	THE KITS LISTED ABOVE INCLUDE ALL HOSES, BRACKETS, FITTINGS, PUMP, WIRING HARNESSES ETC. TO INSTALL A COMPLETE SYSTEM ON ANY CHAMPION MODEL 8400 TRANSMISSION EQUIPPED GRADER.		



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2

SUPPLEMENTAL STEERING

MAY 1989

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 19843 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 1 PAGE 23
SECCION 1 PAGINA 23

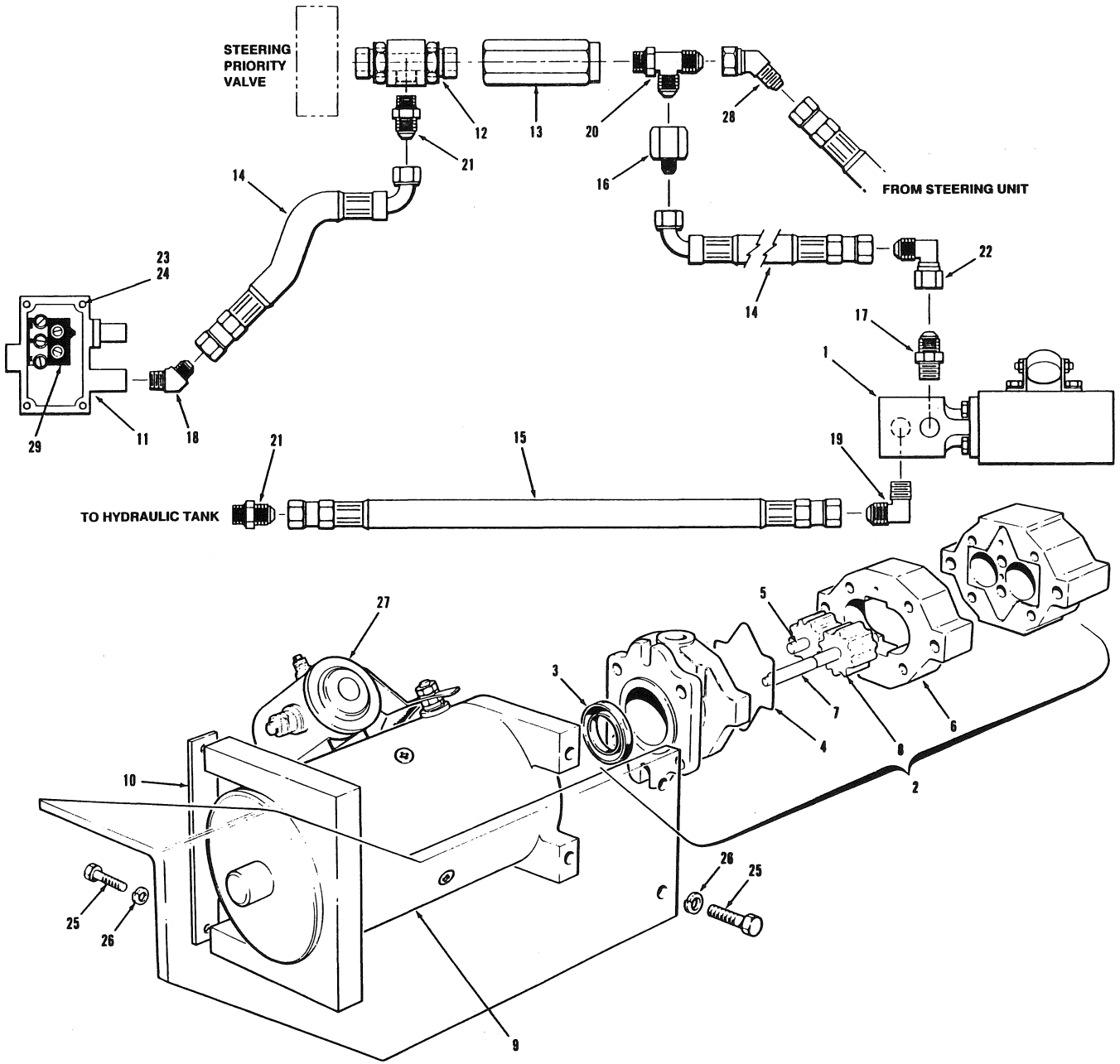
USE ONLY CHAMPION APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	15979	PUMP ASSEMBLY - C/W MOTOR & ITEMS 6 & 10	1	
2	24995	STRAP	1	
3	24997	CHECK VALVE	2	
4	27849	SWITCH	1	
5	35215	SOLENOID	1	
6	43473	TUBE ASSY.	1	
7	44740	OIL SEAL	1	
8	44741	SEAL RING	2	
9	44739	PUMP	1	
10	45042	SHAFT ASSY.	1	
11	45043	GEAR PLATE	1	
12	45044	DRIVE SHAFT	1	
13	45045	GEAR	1	
14	*40975	HOSE CLAMP	!	
15	9313 X 18	HOSE	1	6BT5.9 6CT8.3
16	9313 X 22	HOSE	1	LT-10-C
17	9313 X 223	HOSE	REF.	
18	14382 X 12	HOSE	1	6BT5.9 6CT8.3
19	14382 X 14	HOSE	1	LT-10-C
20	14382 X 42	HOSE	1	
21	110G-0804	CONNECTOR	1	
22	110G-0806	CONNECTOR	1	
23	110G-0808	CONNECTOR	1	
24	111E-0812	CONNECTOR	1	
25	110R-0808	CONNECTOR	3	
26	111A-0808	CONNECTOR	REF.	
27	112B-08	CONNECTOR	1-2	
28	112D-08	CONNECTOR	1	
29	115A-0808	CONNECTOR	1	
30	115J-0808	CONNECTOR	1	
31	115V-0808	CONNECTOR	1	
32	50A-0406	BOLT	4	
33	14A-04	LOCKWASHER	4	
34	50A-0612	BOLT	5	
35	14A-06	LOCKWASHER	5	
36	30A-06	NUT	1	
37	45627	MOTOR	1	

INSTALLATION KITS

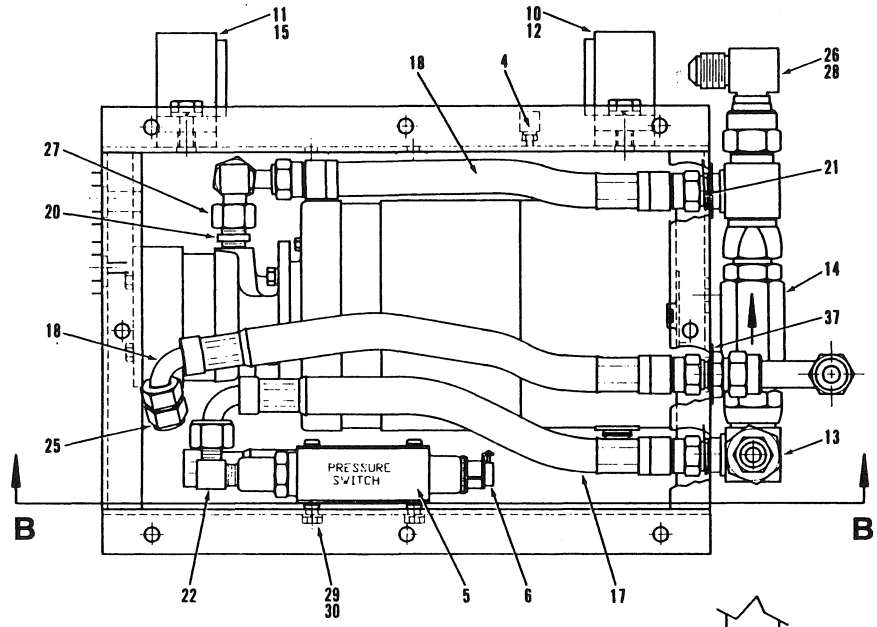
No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	*48929	COMPLETE INSTALLATION KIT FOR GRADER MODEL 740 THRU 780A	A.R.	12 VOLT
	*48927	COMPLETE INSTALLATION KIT FOR GRADER MODEL 710 & 710A	A.R.	12 VOLT
	*48928	COMPLETE INSTALLATION KIT FOR GRADER MODEL 720 THRU 730A	A.R.	12 VOLT
	*48932	COMPLETE INSTALLATION KIT FOR GRADER MODELS 740 THRU 780A	A.R.	12/24 VOLT
	*48930	COMPLETE INSTALLATION KIT FOR GRADER MODELS 710 & 710A	A.R.	12/24 VOLT
	*48931	COMPLETE INSTALLATION KIT FOR GRADER MODELS 720 THRU 730A	A.R.	12/24 VOLT
	*NOTE	THE KITS LISTED ABOVE INCLUDE ALL HOSES, BRACKETS, FITTINGS, PUMP, WIRING HARNESSES ETC. TO INSTALL A COMPLETE SYSTEM ON ANY CHAMPION MODEL 8400 TRANSMISSION EQUIPPED GRADER.		


STEERING PRIORITY VALVE
12
13
20
28
21
14
16
FROM STEERING UNIT
23
24
22
14
17
1
29
11
18
21
15
19
TO HYDRAULIC TANK
27
5
3
7
4
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2
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9

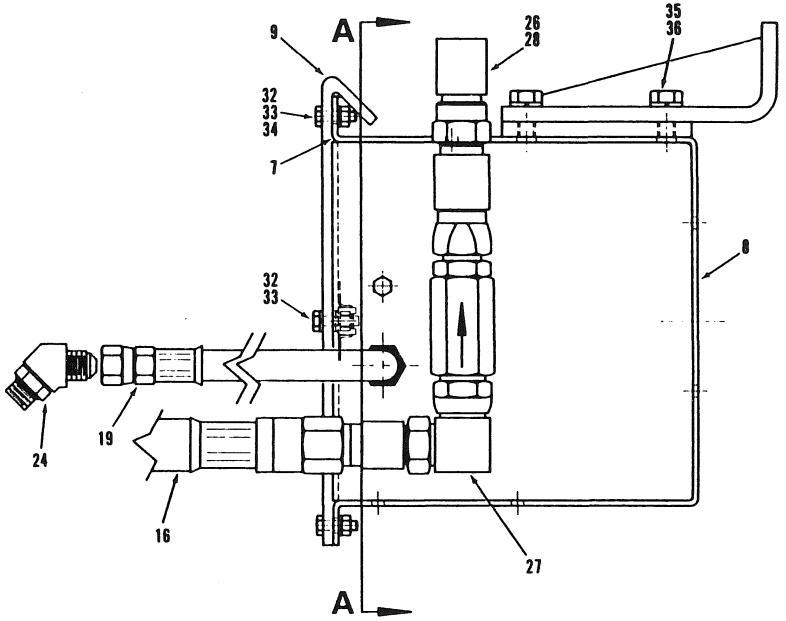
FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

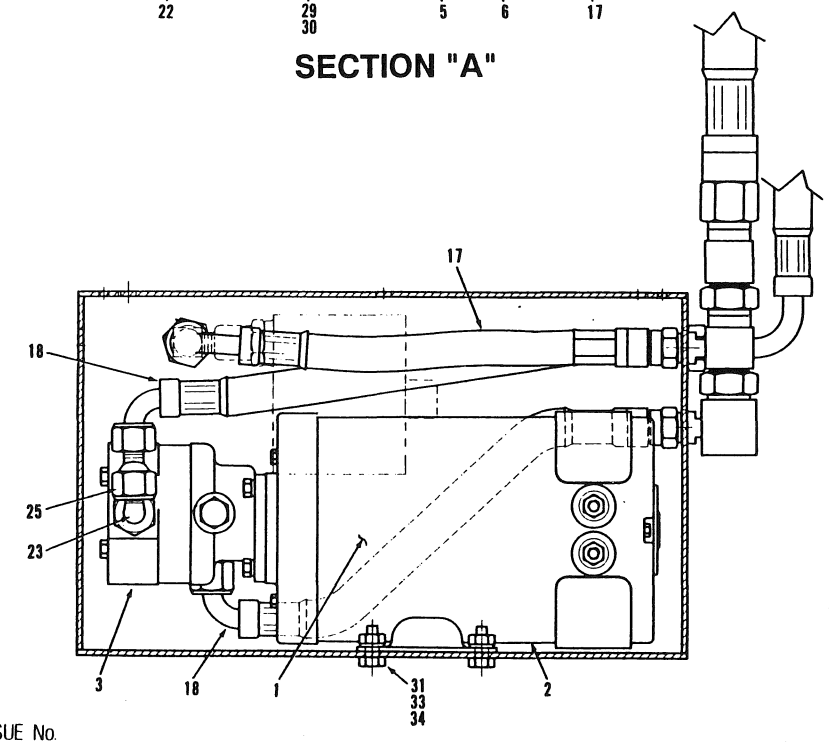
No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	15979	PUMP ASSEMBLY C/W ITEMS 2 TO 9 - 12 VOLT	1	
	*43005	PUMP ASSEMBLY C/W ITEMS 2 TO 9 - 24 VOLT	1	
2	44739	PUMP	1	
3	44740	OIL SEAL	1	
4	44741	SEAL RING	1	
5	45042	SHAFT ASSEMBLY	1	
6	45043	GEAR PLATE	1	
7	45044	DRIVE SHAFT	1	
8	45045	GEAR	1	
9	45627	MOTOR - 12 VOLT	1	
	*38316	MOTOR - 24 VOLT	1	
10	24995	STRAP	1	
11	27849	SWITCH ASSEMBLY - INCLUDES ITEM 29	1	
12	53910	TEE	1	
13	53927	CHECK VALVE	1	
14	14382 x 12	HOSE	2	
15	9313 x 30	HOSE	1	
16	110AH-1208	CONNECTOR	1	
17	110G-0806	CONNECTOR	1	
18	110P-0804	CONNECTOR	1	
19	110R-0808	CONNECTOR	1	
20	111D-1212	TEE	1	
21	111E-0808	CONNECTOR	2	
22	112B-08	CONNECTOR	1	
23	50A-0406	BOLT	4	
24	14A-06	LOCKWASHER	4	
25	50A-0612	BOLT	4	
26	14A-06	LOCKWASHER	4	
27	35215	SOLENOID - 12 VOLT	1	
	*38317	SOLENOID - 24 VOLT	1	
28	112A-08	CONNECTOR	1	740 thru 780A
29	53919	SWITCH	1	

No. Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS



SECTION "A"





SECTION "B"

EFFECTIVE SERIAL NUMBER(S) 20926 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

SUPPLEMENTAL STEERING

SEPTEMBER 1990

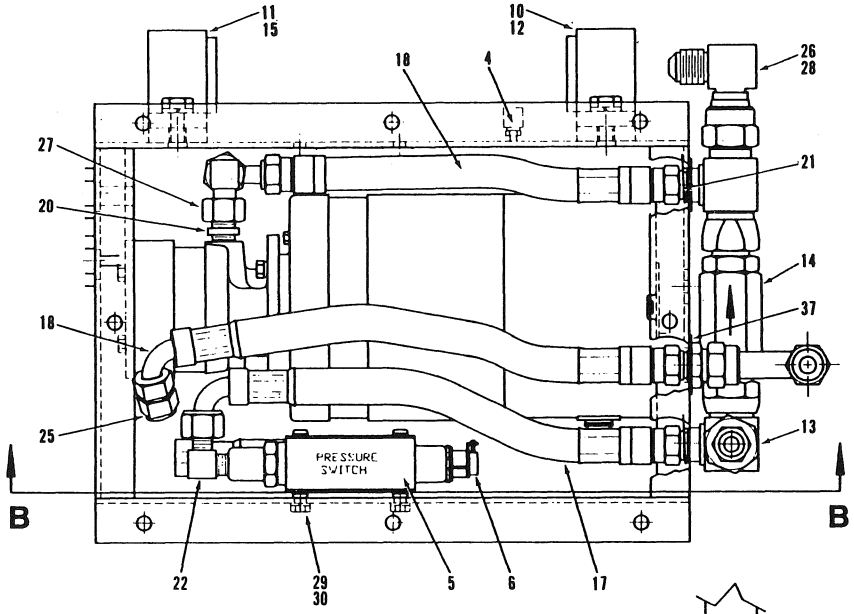
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION APPROVED PARTS

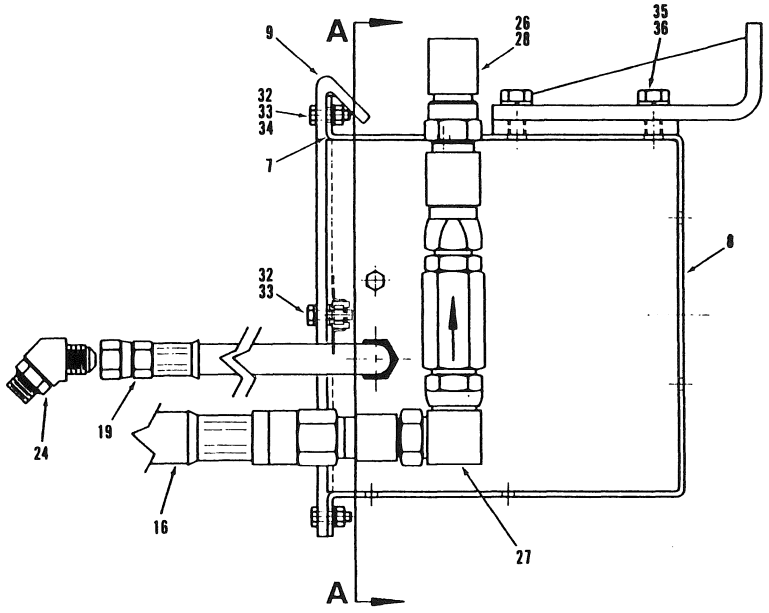
FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

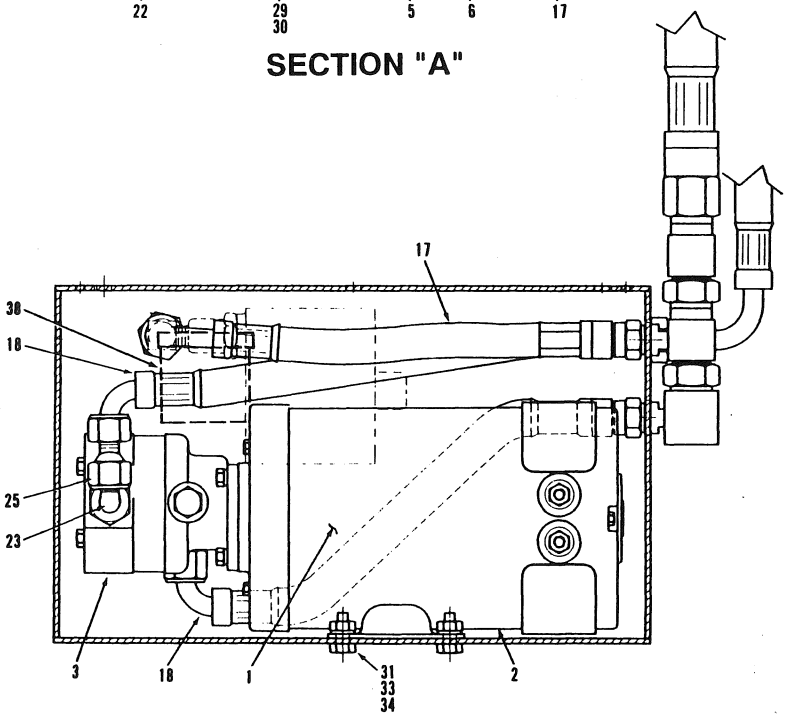
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	*58079	**PUMP AND MOTOR ASSEMBLY** - INCLUDES ITEMS 2 & 3	1	
2	*58456	MOTOR	1	
3	*58457	PUMP	1	
4	*3689	VENT	1	
5	27849	SWITCH ASSEMBLY	1	
6	*45240	CONNECTOR	1	
7	*45378 x 48	WEATHER SEAL	1	
8	*54367	BOX ASSEMBLY	1	
9	*54371	COVER	1	
10	*54374	BRACKET R.H.	1	740 thru 780A
11	*54377	BRACKET L.H.	1	740 thru 780A
12	*54374	BRACKET R.H.	1	710 thru 730A
13	*54386	TEE	1	
14	*54388	CHECK VALVE	1	
15	*54377	BRACKET L.H.	1	710 thru 730A
16	*14362 x 20	HOSE	1	
17	14382 x 12	HOSE	1	
18	*14382 x 14	HOSE	2	
19	*14382 x 18	HOSE	1	
20	110G-0806	CONNECTOR	1	
21	*110N-08	CONNECTOR	1	
22	*110R-0806	CONNECTOR	1	
23	110R-0808	CONNECTOR	1	
24	*111A-0808	CONNECTOR	1	
25	112A-08	CONNECTOR	1	
26	*112A-12	CONNECTOR	1	740 thru 780A
27	112B-08	CONNECTOR	1	
28	*112B-12	CONNECTOR	1	710 thru 730A
29	*50A-0404	BOLT	8	
30	*14A-04	LOCKWASHER	8	
31	*50A-0506	BOLT	4	
32	*50A-0508	BOLT	9	
33	*14A-05	LOCKWASHER	11	
34	*30A-05	NUT	10	
35	*50A-0608	BOLT	4	
36	14A-06	LOCKWASHER	4	
37	*14S-12	WASHER	2	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS



SECTION "A"





SECTION "B"

EFFECTIVE SERIAL NUMBER(S) 21481 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S) EXCLUDING 21485,
NUMERO(S) DE SERIE EFECTIVO(S) 21488 & 21489

700 SERIES
SERIE 700

SECTION 1
SECCION 1

PAGE 23
PAGINA 23

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5

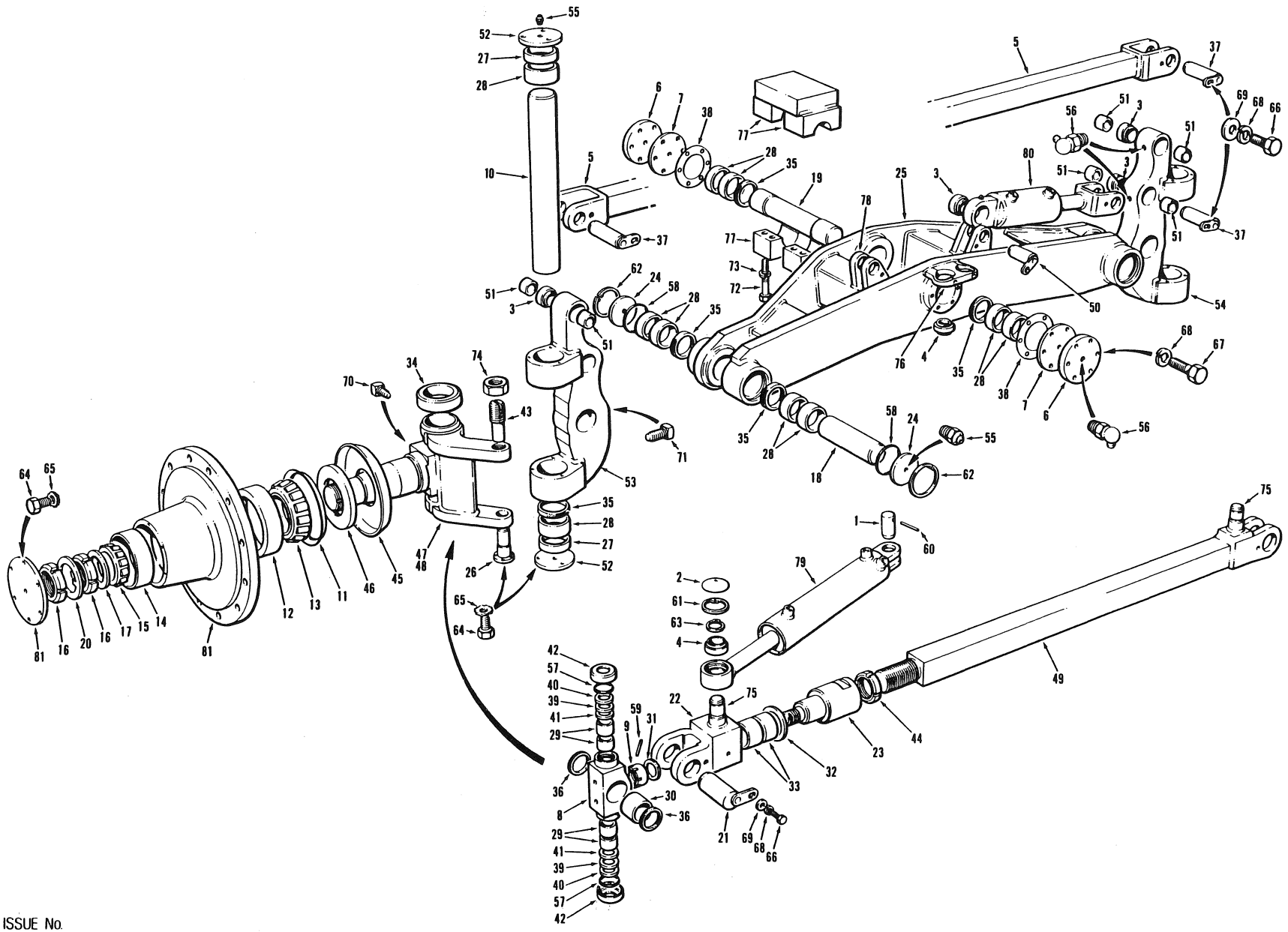
USE ONLY CHAMPION APPROVED PARTS

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	58079	**PUMP AND MOTOR ASSEMBLY - INCLUDES ITEMS 2 & 3**	1	
2	58456	MOTOR	1	
3	58457	PUMP	1	
4	3689	VENT	1	
5	27849	SWITCH ASSEMBLY	1	
6	45240	CONNECTOR	1	
7	45378 x 48	WEATHER SEAL	1	
8	*58581	BOX ASSEMBLY	1	
9	54371	COVER	1	
10	54374	BRACKET R.H.	1	740 thru 780A
11	54377	BRACKET L.H.	1	740 thru 780A
12	*54380	BRACKET R.H.	1	710 thru 730A
13	54386	TEE	1	
14	54388	CHECK VALVE	1	
15	*54434	BRACKET L.H.	1	710 thru 730A
16	14362 x 20	HOSE	1	
17	14382 x 12	HOSE	1	
18	14382 x 14	HOSE	2	
19	14382 x 18	HOSE	1	
20	110G-0806	CONNECTOR	1	
21	110N-08	CONNECTOR	1	
22	*110R-0804	CONNECTOR	1	
23	110R-0808	CONNECTOR	1	
24	111A-0808	CONNECTOR	1	
25	112A-08	CONNECTOR	1	
26	112A-12	CONNECTOR	1	740 thru 780A
27	112B-08	CONNECTOR	1	
28	112B-12	CONNECTOR	1	710 thru 730A
29	50A-0404	BOLT	8	
30	14A-04	LOCKWASHER	8	
31	50A-0506	BOLT	4	
32	50A-0508	BOLT	9	
33	14A-05	LOCKWASHER	11	
34	30A-05	NUT	10	
35	50A-0608	BOLT	4	
36	14A-06	LOCKWASHER	4	
37	14S-12	WASHER	2	
38	*54389	SOLENOID	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS

EFFECTIVE SERIAL NUMBER(S) 17430 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **1 REVISION B**

FRONT AXLE - MODELS 780 & 780A

OCTOBER 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

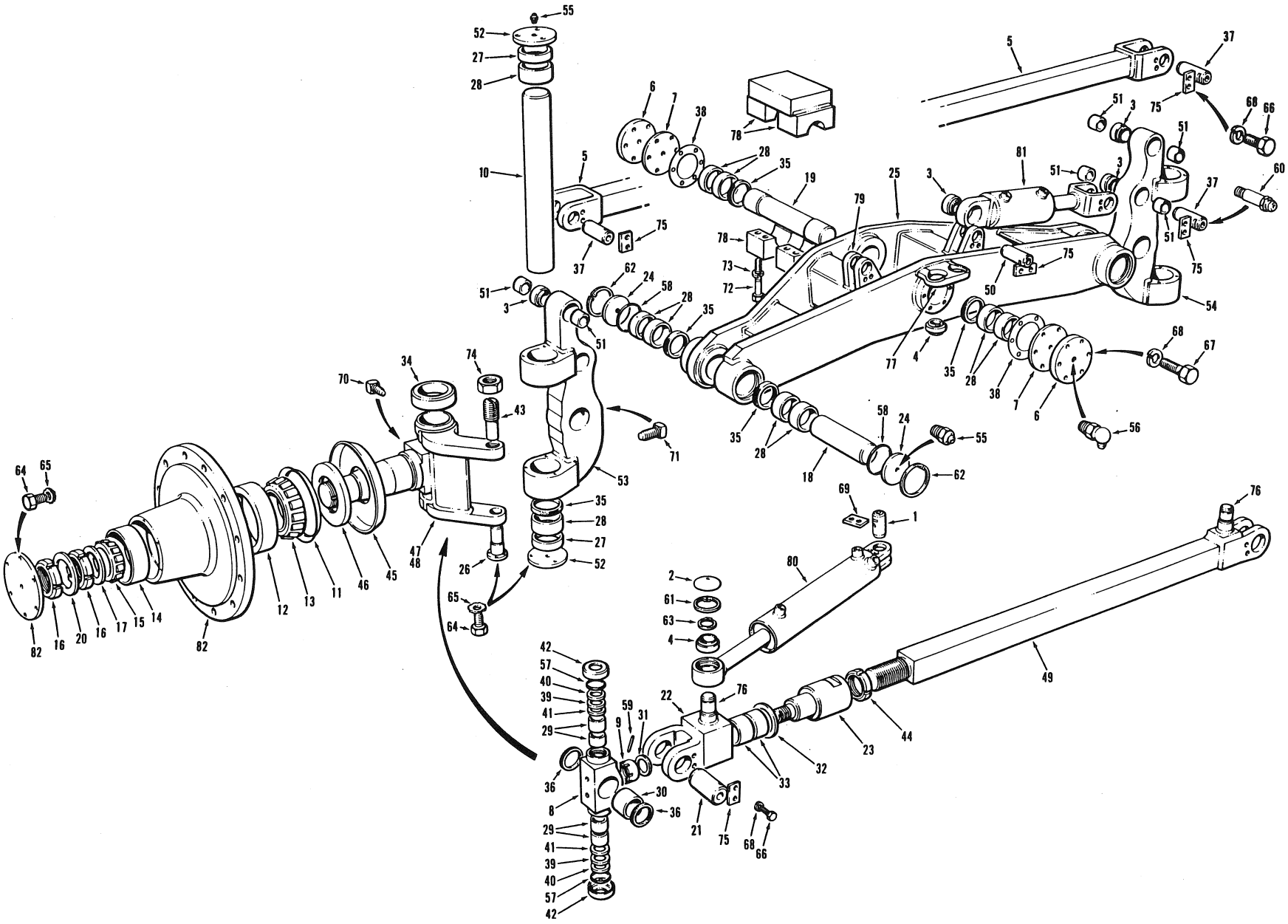
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

FRONT AXLE - MODELS 780 & 780A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	12911	PIVOT PIN	2	
2	15358	EXPANSION PLUG	2	
3	18340	BEARING	6	
4	19629	BEARING	4	
5	30088	TIE BAR	1	
6	46597	THRUST CAP	2	
7	30092	THRUST WASHER	2	
8	46595	PIVOT BLOCK	2	
9	30113	THRUST NUT	1	
10	30117	KING PIN	2	
11	30119	V RING SEAL	2	
12	30120	CUP - INNER	2	
13	30121	CONE - INNER	2	
14	30122	CUP - OUTER	2	
15	30123	CONE - OUTER	2	
16	30124	LOCKNUT	4	
17	30125	LOCKWASHER	2	
18	30126	KNUCKLE PIN	2	
19	30135	PIVOT PIN	1	
20	30137	WASHER	2	
21	46594	PIN - PIVOT BLOCK	2	UP TO S/N 19984
21	*53535	PIN - PVIOT BLOCK	2	S/N 20088 & UP
22	46760	L.H. DRAG LINK - C/W YOKE	1	
23	30341	ADJUSTING COLLAR	1	
24	46598	CAP - AXLE	4	
25	46600	AXLE FRAME	1	
26	30431	PIN - RADIUS ARM	2	
27	30440	NEEDLE BEARING	4	
28	30441	NEEDLE BEARING	16	
29	30442	BEARING	8	
30	30443	BEARING	2	
31	30444	THRUST WASHER	1	
32	30445	THRUST WASHER	1	
33	30446	BUSHING	2	
34	30447	THRUST BEARING	2	
35	30448	SEAL - PIN	8	
36	30450	SEAL	4	
37	30475	BEARING PIN	4	
38	30478	SHIM	6	
39	35596	THRUST BEARING	4	
40	35597	THRUST BEARING	4	
41	12427	THRUST WASHER	4	
42	35619	SEAL RETAINER	4	
43	35620	ADJUSTMENT PIN	2	
44	35697	LOCKNUT	1	
45	36515	DUST SEAL	2	
46	36516	DEFLECTOR SPACER	2	
47	44358	SPINDLE - R.H.	1	
48	44359	SPINDLE - L.H.	1	
49	44446	R.H. DRAG LINK - C/W YOKE	1	
50	45002	BEARING PIN	2	
51	45745	SPACER	8	
52	45830	CAP - KING PIN	4	
53	45881	KNUCKLE - L.H.	1	
54	45882	KNUCKLE - R.H.	1	
55	28A-04	GREASE FITTING	9	
56	28B-04	GREASE FITTING	6	
57	12A-224	O RING	4	
58	12A-240	O RING	4	
59	13C-0432	ROLL PIN	1	
60	13C-0816	ROLL PIN	2	
61	19B-218	RETAINER RING	2	
62	19B-400	RETAINER RING	4	
63	19C-137	SNAP RING	4	
64	50A-0404	BOLT	36	
65	14J-04	STAR WASHER	32	
66	50A-0606	BOLT	8	
67	50A-0612	BOLT	12	
68	14A-06	LOCKWASHER	20	
69	14C-06	FLATWASHER	8	
70	70E-0616	SETSCREW	2	
71	70G-0840	SETSCREW	2	
72	50A-1236	BOLT	8	
73	14A-12	LOCKWASHER	8	
74	31D-22	LOCKNUT	2	
75	12907-2	STUD	2	
76	*46599-1	ANCHOR LUG	1	REPAIR PART
77	30458	MOUNTING BLOCK - MATCHED HALVES	2	
78	30476	ANCHOR LUG	2	
79		STEERING CYLINDER ASSEMBLY	REF.	SECTION 1 PAGE 14
80		LEANING WHEEL CYLINDER ASSEMBLY	REF.	SECTION 1 PAGE 18
81		WHEEL & HUB	REF.	SECTION 7 PAGE 6

EFFECTIVE SERIAL NUMBER(S) 21053 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2

FRONT AXLE - Models 780 & 780A

OCTOBER 1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

700 SERIES
SERIE 700

SECTION 1
SECCION 1

PAGE 25
PAGINA 25

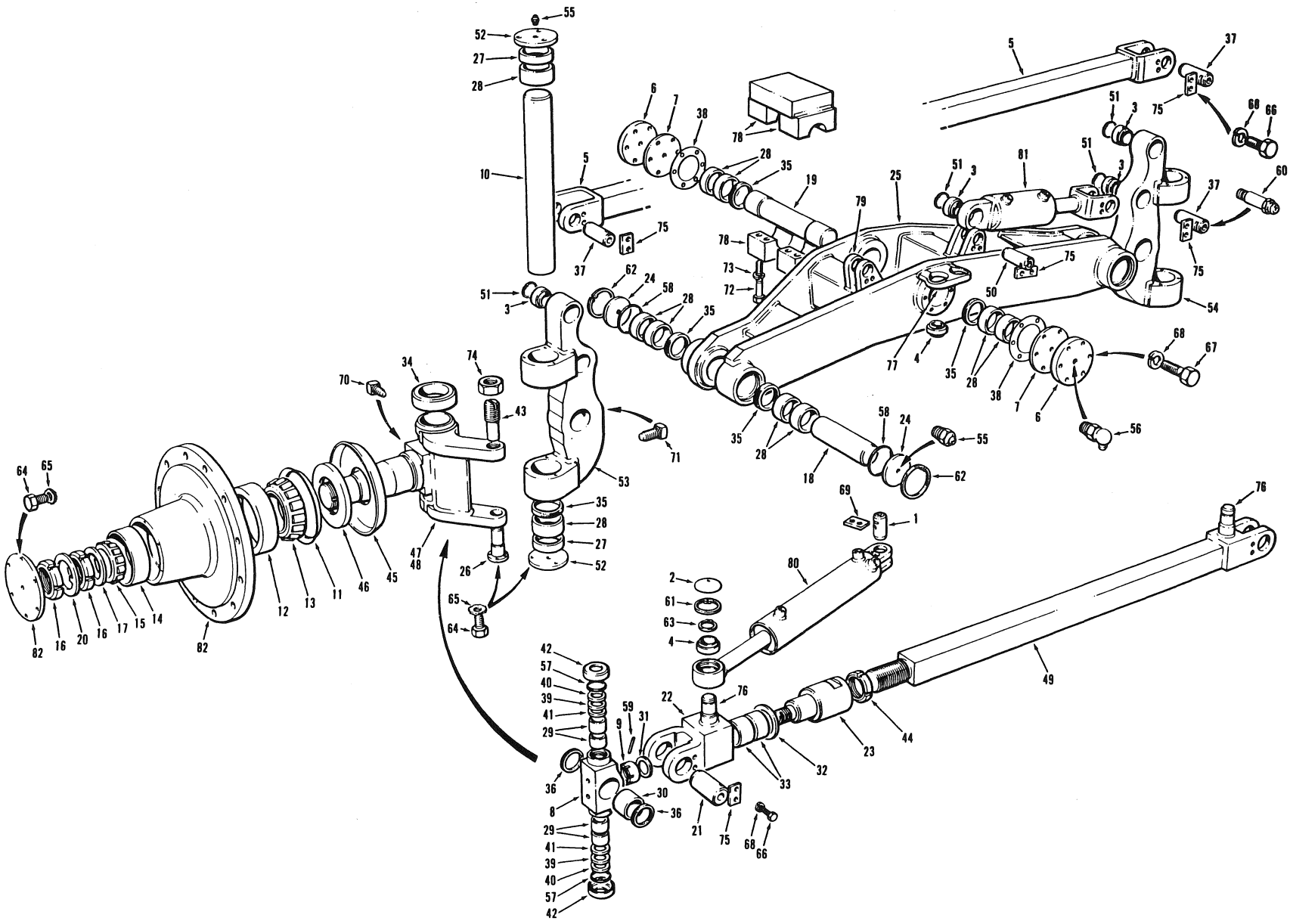
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

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FRONT AXLE - Models 780 & 780A

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	*59089	PIVOT PIN	2	
2	*59030	EXPANSION PLUG	2	
3	18340	BEARING	6	
4	19629	BEARING	4	
5	*56914	TIE BAR	1	
6	46597	THRUST CAP	2	
7	30092	THRUST WASHER	2	
8	46595	PIVOT BLOCK	2	
9	30113	THRUST NUT	1	
10	30117	KING PIN	2	
11	30119	V RING SEAL	2	
12	30120	CUP - INNER	2	
13	30121	CONE - INNER	2	
14	30122	CUP - OUTER	2	
15	30123	CONE - OUTER	2	
16	30124	LOCKNUT	4	
17	30125	LOCKWASHER	2	
18	30126	KNUCKLE PIN	2	
19	30135	PIVOT PIN	1	
20	30137	WASHER	2	
21	*59074	PIN - PVIOT BLOCK	2	
22	*56990	L.H. DRAG LINK - C/W YOKE	1	
23	30341	ADJUSTING COLLAR	1	
24	46598	CAP - AXLE	4	
25	*59075	AXLE FRAME	1	
26	30431	PIN - RADIUS ARM	2	
27	30440	NEEDLE BEARING	4	
28	30441	NEEDLE BEARING	16	
29	30442	BEARING	8	
30	30443	BEARING	2	
31	30444	THRUST WASHER	1	
32	30445	THRUST WASHER	1	
33	30446	BUSHING	2	
34	30447	THRUST BEARING	2	
35	30448	SEAL - PIN	8	
36	30450	SEAL	4	
37	*59072	BEARING PIN	4	
38	30478	SHIM	6	
39	35596	THRUST BEARING	4	
40	35597	THRUST BEARING	4	
41	12427	THRUST WASHER	4	
42	35619	SEAL RETAINER	4	
43	35620	ADJUSTMENT PIN	2	
44	35697	LOCKNUT	1	
45	36515	DUST SEAL	2	
46	36516	DEFLECTOR SPACER	2	
47	44358	SPINDLE - R.H.	1	
48	44359	SPINDLE - L.H.	1	
49	*56991	R.H. DRAG LINK - C/W YOKE	1	
50	*59073	BEARING PIN	2	
51	45745	SPACER	8	
52	45830	CAP - KING PIN	4	
53	*59064	KNUCKLE - L.H.	1	
54	*59065	KNUCKLE - R.H.	1	
55	28A-04	GREASE FITTING	9	
56	28B-04	GREASE FITTING	6	
57	12A-224	O RING	4	
58	12A-240	O RING	4	
59	13C-0432	ROLL PIN	1	
60	29G-01	GREASE FITTING	10	
61	19B-218	RETAINER RING	2	
62	19B-400	RETAINER RING	4	
63	19C-137	SNAP RING	4	
64	50A-0404	BOLT	36	
65	14J-04	STAR WASHER	32	
66	*50A-0608	BOLT	16	
67	50A-0612	BOLT	12	
68	14A-06	LOCKWASHER	20	
69	*59088	LOCK PLATE	8	
70	70E-0616	SETSCREW	2	
71	70G-0840	SETSCREW	2	
72	50A-1236	BOLT	8	
73	14A-12	LOCKWASHER	8	
74	31D-22	LOCKNUT	2	
75	*56909	LOCK PLATE	8	
76	12907-2	STUD	2	Repair Part
77	46599-1	ANCHOR LUG	1	Repair Part
78	30458	MOUNTING BLOCK - MATCHED HALVES	2	Repair Part
79	*56918	ANCHOR LUG	2	Repair Part
80		STEERING CYLINDER ASSEMBLY	REF.	Sect 1 Pg 13
81		LEANING WHEEL CYLINDER ASSEMBLY	REF.	Sect 1 pg 17
82		WHEEL & HUB	REF.	Sect 7 Pg 5

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S) 21563 & UP
NUMERO(S) DE SERIE EFECTIVO(S)



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

FRONT AXLE - Models 780 & 780A

JUNE 1991

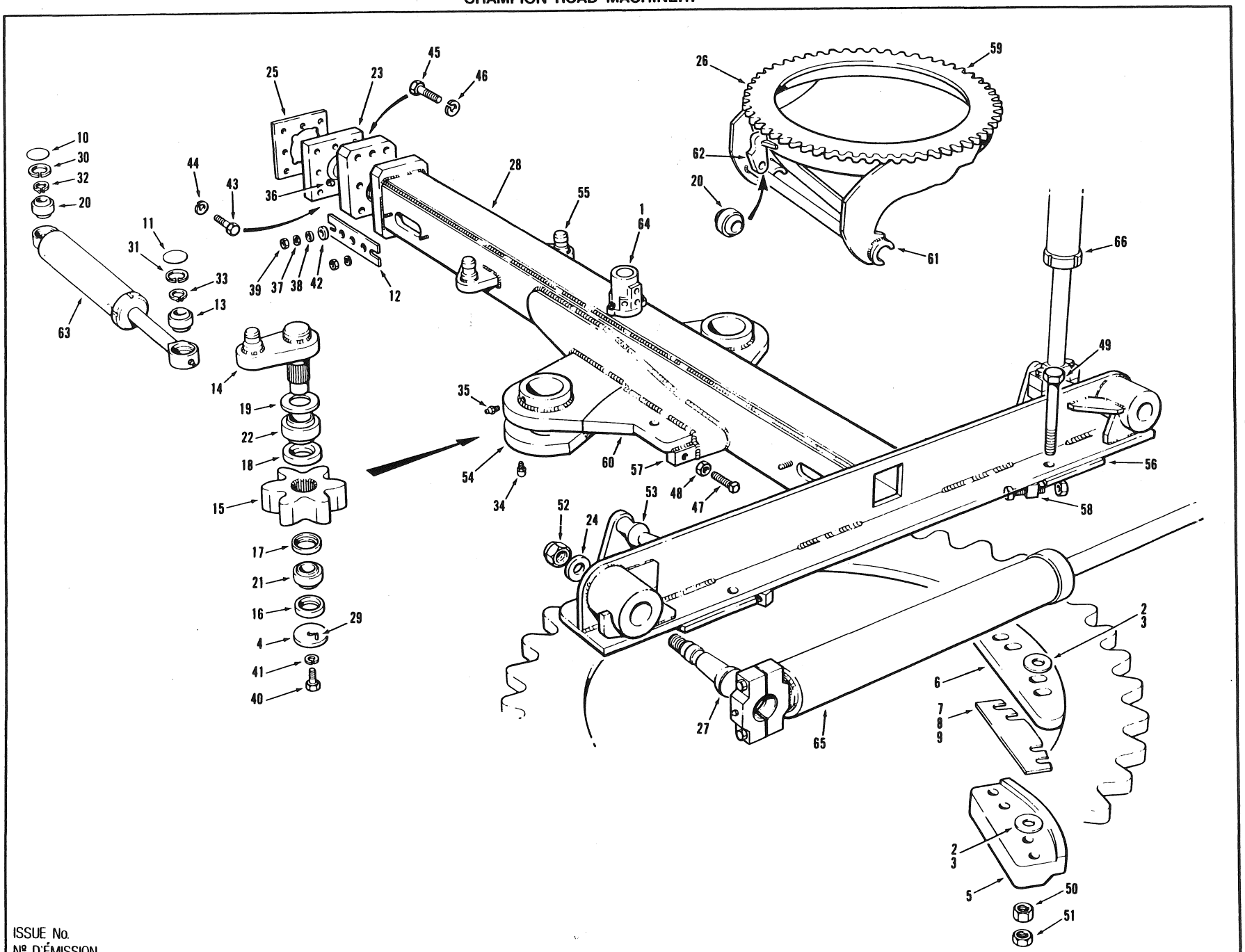
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

FRONT AXLE - Models 780 & 780A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	59089	PIVOT PIN	2	
2	59030	EXPANSION PLUG	2	
3	18340	BEARING	6	
4	19629	BEARING	4	
5	56914	TIE BAR	1	
6	46597	THRUST CAP	2	
7	30092	THRUST WASHER	2	
8	46595	PIVOT BLOCK	2	
9	30113	THRUST NUT	1	
10	*59882	KING PIN	2	
11	30119	V RING SEAL	2	
12	30120	CUP - INNER	2	
13	30121	CONE - INNER	2	
14	30122	CUP - OUTER	2	
15	30123	CONE - OUTER	2	
16	30124	LOCKNUT	4	
17	30125	LOCKWASHER	2	
18	30126	KNUCKLE PIN	2	
19	30135	PIVOT PIN	1	
20	30137	WASHER	2	
21	59074	PIN - PVIOT BLOCK	2	
22	56990	L.H. DRAG LINK - C/W YOKE	1	
23	30341	ADJUSTING COLLAR	1	
24	46598	CAP - AXLE	4	
25	59075	AXLE FRAME	1	
26	30431	PIN - RADIUS ARM	2	
27	30440	NEEDLE BEARING	4	
28	30441	NEEDLE BEARING	16	
29	30442	BEARING	8	
30	30443	BEARING	2	
31	30444	THRUST WASHER	1	
32	30445	THRUST WASHER	1	
33	30446	BUSHING	2	
34	30447	THRUST BEARING	2	
35	30448	SEAL - PIN	8	
36	30450	SEAL	4	
37	59072	BEARING PIN	4	
38	30478	SHIM	6	
39	35596	THRUST BEARING	4	
40	35597	THRUST BEARING	4	
41	12427	THRUST WASHER	4	
42	35619	SEAL RETAINER	4	
43	35620	ADJUSTMENT PIN	2	
44	35697	LOCKNUT	1	
45	*54549	DUST SEAL	2	
46	36516	DEFLECTOR SPACER	2	
47	44358	SPINDLE - R.H.	1	
48	44359	SPINDLE - L.H.	1	
49	*59536	R.H. DRAG LINK - C/W YOKE	1	
50	59073	BEARING PIN	2	
51	*19B-244	RETAINER RING	6	
52	45830	CAP - KING PIN	4	
53	*59528	KNUCKLE - L.H.	1	
54	*59529	KNUCKLE - R.H.	1	
55	28A-04	GREASE FITTING	9	
56	28B-04	GREASE FITTING	6	
57	12A-224	O-RING	4	
58	12A-240	O-RING	4	
59	13C-0432	ROLL PIN	1	
60	29G-01	GREASE FITTING	10	
61	*19B-250	RETAINER RING	2	
62	19B-400	RETAINER RING	4	
63	19C-137	SNAP RING	4	
64	50A-0404	BOLT	36	
65	14J-04	STAR WASHER	32	
66	50A-0608	BOLT	16	
67	50A-0612	BOLT	12	
68	14A-06	LOCKWASHER	20	
69	59088	LOCK PLATE	8	
70	70E-0616	SETSCREW	2	
71	70G-0840	SETSCREW	2	
72	50A-1236	BOLT	8	
73	14A-12	LOCKWASHER	8	
74	31D-22	LOCKNUT	2	
75	56909	LOCK PLATE	8	
76	12907-2	STUD	2	Repair Part
77	*59659	ANCHOR LUG	1	Repair Part
78	30458	MOUNTING BLOCK - MATCHED HALVES	2	Repair Part
79	56918	ANCHOR LUG	2	Repair Part
80		STEERING CYLINDER ASSEMBLY	REF.	Sect 1 Pg 13
81		LEANING WHEEL CYLINDER ASSEMBLY	REF.	Sect 1 pg 17
82		WHEEL & HUB	REF.	Sect 7 Pg 5



EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 2 PAGE 1
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
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CIRCLE & DRAWBAR ASSEMBLY - MODEL 710/710A

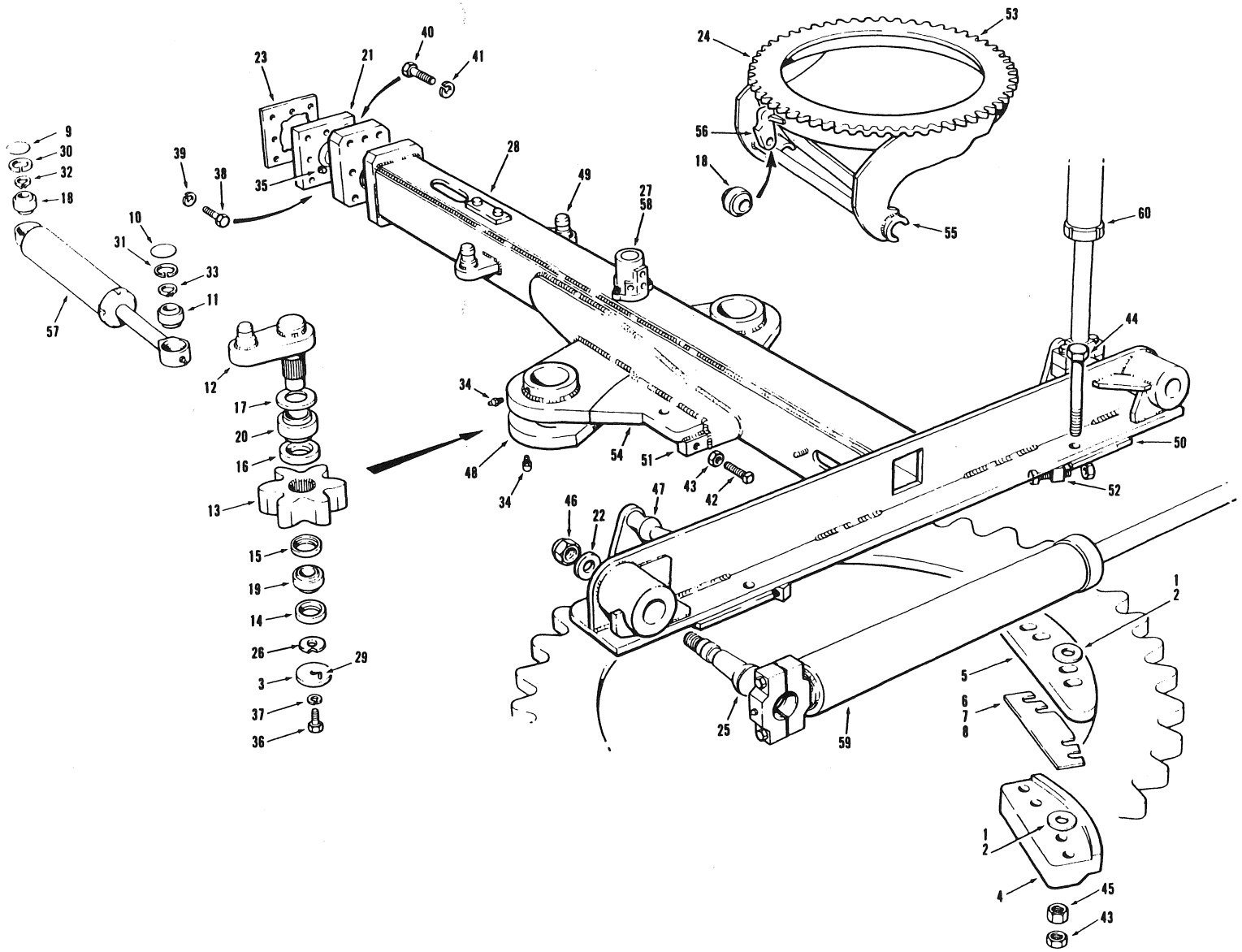
OCTOBER 1984

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FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

CIRCLE & DRAWBAR ASSEMBLY - MODEL 710/710A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	37007	SHIM - CIRCLE TURN VALVE	A.R.	
2	5670A	SHIM - .010"	A.R.	
3	5670B	SHIM - .020"	A.R.	
4	7361	WASHER	2	
5	12082	PLATE - CLAMP	3	
6	12086	PLATE - GUIDE	3	
7	12119-10	SHIM - 10 Ga.	A.R.	
8	12119-16	SHIM - 16 Ga.	A.R.	
9	12119-20	SHIM - 20 Ga.	A.R.	
10	15358	EXPANSION PLUG	2	
11	16507	EXPANSION PLUG	2	
12	17521	MOUNTING PLATE	2	
13	18340	PLAIN BEARING - 40mm	2	
14	18759	CIRCLE CRANK	2	
15	18760	CIRCLE DRIVE PINION	2	
16	19156	BEARING SEAL - BOTTOM - 70mm	2	
17	19157	BEARING SEAL - TOP - 50mm	2	
18	19158	BEARING SEAL - BOTTOM - 50mm	2	
19	19159	BEARING SEAL - TOP - 70mm	2	
20	19629	PLAIN BEARING - 35mm	3	
21	19630	PLAIN BEARING - 50mm	2	
22	19631	PLAIN BEARING - 70mm	2	
23	25067	BALL STUD	1	
24	25287	WASHER	2	
25	27340	SHIM - .010"	A.R.	
26	27981	CIRCLE - C/W SINGLE CYLINDER TILT LUG	1	
27	30203	BALL STUD	2	
28	36620	DRAWBAR	1	
29	13J-0816	ROLL PIN	2	
30	19B-218	SNAP RING	2	
31	19B-244	SNAP RING	2	
32	19C-137	SNAP RING	2	
33	19C-156	SNAP RING	2	
34	29A-02	GREASE FITTING	4	
35	29A-04	GREASE FITTING	2	
36	29B-02	GREASE FITTING	1	
37	14A-06	LOCKWASHER	4	
38	14C-06	FLATWASHER	4	
39	30A-06	NUT	4	
40	50A-0808	BOLT	2	
41	14A-08	LOCKWASHER	6	
42	14C-08	FLATWASHER	4	
43	51A-1018	BOLT	8	
44	14A-10	LOCKWASHER	12	
45	51A-1222	BOLT	8	
46	14A-12	LOCKWASHER	8	
47	70F-1664	SETSCREW	6	
48	30D-16	NUT	6	
49	50A-1856	BOLT	6	
50	30A-18	NUT	6	
51	30D-18	JAM NUT	6	
52	37H-20	LOCKNUT	2	
53	1495E	BALL PIN	2	REPAIR PARTS
54	12087-16	DRIVE PINION MOUNT ASSY.	1	REPAIR PARTS
55	12954	ANCHOR STUD	2	REPAIR PARTS
56	14117-15	RUB PLATE	2	REPAIR PARTS
57	14117-19	SCREW BLOCK - FRONT	1	REPAIR PARTS
58	14117-21	SCREW BLOCK - REAR	2	REPAIR PARTS
59	23638	6 TOOTH SEGMENT	A.R.	REPAIR PARTS
60	27719	MOUNT PLATE - FRONT	1	REPAIR PARTS
61	27983	ARM PIVOT	2	REPAIR PARTS
62	27984	MOUNTING LUG - TILT CYLINDER	1	REPAIR PARTS
63		CIRCLE TURN CYLINDER	REF.	SECTION 2 PAGES 7/8
64		CIRCLE TURN VALVE	REF.	SECTION 2 PAGES 9/10
65		CIRCLE SHIFT CYLINDER	REF.	SECTION 2 PAGES 11/12
66		BLADE LIFT CYLINDER	REF.	SECTION 3 PAGES 5/6
	33276	GUIDE AND CLAMP PLATE KIT - INCLUDES ITEMS 2,3 & 5 TO 9	A.R.	



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

16886,16887,16894 & UP

U.S. 2472-2 & UP

700 SERIES
SERIE 700

SECTION 2
SECCION 2

PAGE 1
PAGINA 1

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2

CIRCLE & DRAWBAR ASSEMBLY - MODEL 710/710A

JULY 1986

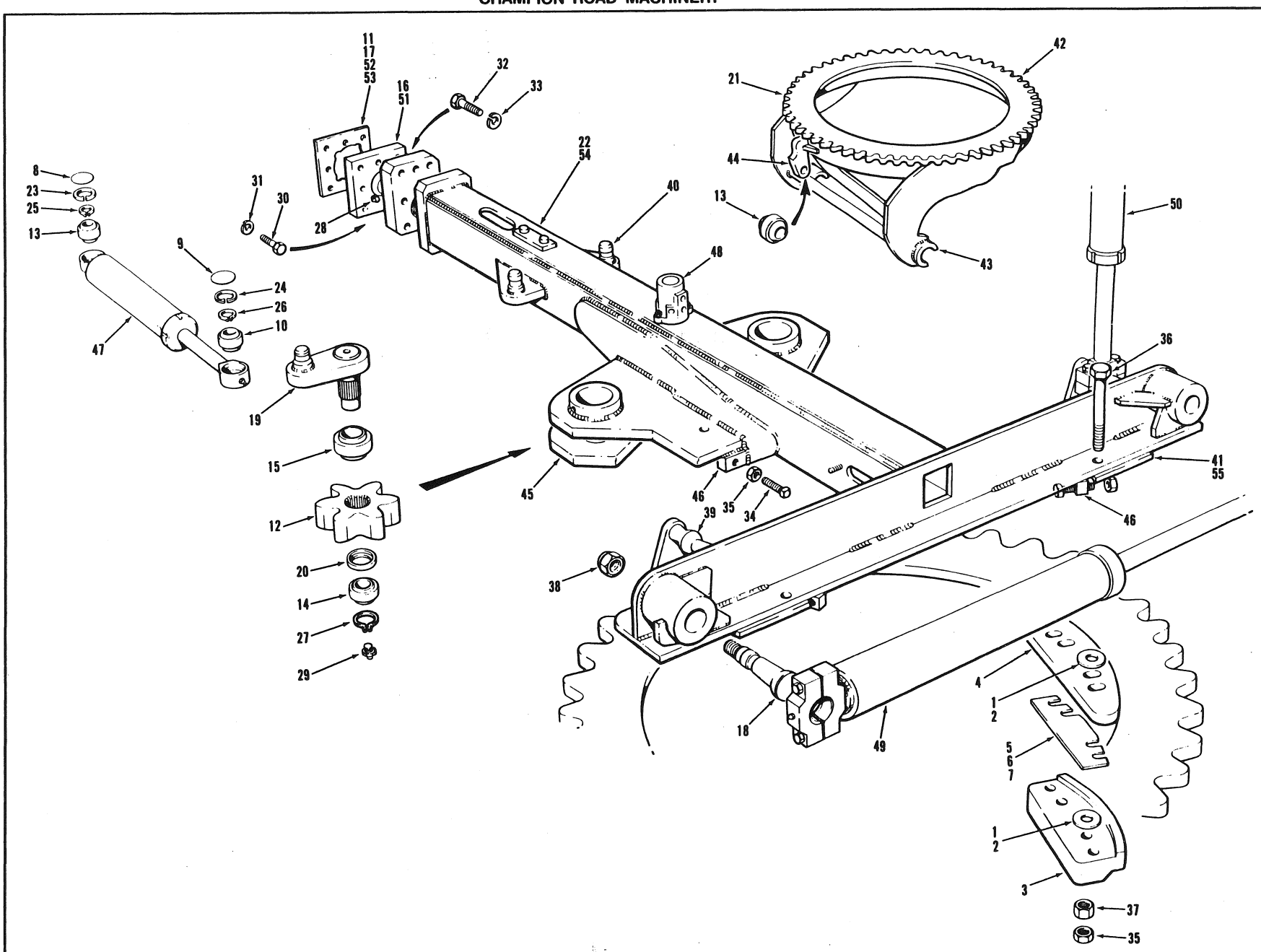
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

SECTION / SECCION 2 | PAGE / PAGINA 2 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 2

CIRCLE & DRAWBAR ASSEMBLY - MODEL 710/710A

JULY 1986

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	5670A	SHIM - .010"	A.R.	
2	5670B	SHIM - .020"	A.R.	
3	7361	WASHER	2	
4	12082	PLATE - CLAMP	3	
5	12086	PLATE - GUIDE	3	
6	12119-10	SHIM - 10 GA.	A.R.	
7	12119-16	SHIM - 16 GA.	A.R.	
8	12119-20	SHIM - 20 GA.	A.R.	
9	15358	EXPANSION PLUG	2	
10	16507	EXPANSION PLUG	2	
11	18340	PLAIN BEARING - 40mm	2	
12	18759	CIRCLE CRANK	2	
13	18760	CIRCLE DRIVE PINION	2	
14	19156	BEARING SEAL - BOTTOM - 70mm	2	
15	19157	BEARING SEAL - TOP - 50mm	2	
16	19158	BEARING SEAL - BOTTOM - 50mm	2	
17	19159	BEARING SEAL - TOP - 70mm	2	
18	19629	PLAIN BEARING - 35mm	3	
19	19630	PLAIN BEARING - 50mm	2	
20	19631	PLAIN BEARING - 70mm	2	
21	25067	BALL STUD	1	
22	25287	WASHER	2	
23	27340	SHIM - .010"	A.R.	
24	27981	CIRCLE - C/W SINGLE CYLINDER TILT LUG	1	
25	30203	BALL STUD	2	
26	*36092	SPACER	A.R.	
27	*41384	SHIM - CIRCLE TURN VALVE	A.R.	
28	*42380	DRAWBAR	1	
29	*13J-0816	ROLL PIN	2	
30	19B-218	SNAP RING	2	
31	19B-244	SNAP RING	2	
32	19C-137	SNAP RING	2	
33	19C-156	SNAP RING	2	
34	29A-02	GREASE FITTING	6	
35	29B-02	GREASE FITTING	1	
36	50A-0808	BOLT	2	
37	14A-08	LOCKWASHER	2	
38	51A-1020	BOLT	8	
39	14A-10	LOCKWASHER	12	
40	51A-1222	BOLT	8	
41	14A-12	LOCKWASHER	8	
42	70F-1664	SETSCREW	6	
43	30D-16	NUT	12	
44	50A-1664	BOLT	6	
45	30A-16	NUT	6	
46	37H-20	LOCKNUT	2	
47	1495E	BALL PIN	2	REPAIR PARTS
48	12087-16	DRIVE PINION MOUNT ASSY.	1	
49	12954	ANCHOR STUD	2	
50	14117-15	RUB PLATE	2	
51	14117-19	SCREW BLOCK - FRONT	1	
52	14117-21	SCREW BLOCK - REAR	2	
53	23638	6 TOOTH SEGMENT	A.R.	
54	27719	MOUNT PLATE - FRONT	1	
55	27983	ARM PIVOT	2	
56	27984	MOUNTING LUG - TILT CYLINDER	1	
57		CIRCLE TURN CYLINDER	REF.	SECTION 2 PAGE 8
58		CIRCLE TURN VALVE	REF.	SECTION 2 PAGE 10
59		CIRCLE SHIFT CYLINDER	REF.	SECTION 2 PAGE 12
60		BLADE LIFT CYLINDER	REF.	SECTION 3 PAGE 6
	33276	GUIDE AND CLAMP PLATE KIT - INCLUDES ITEMS 1,2, & 4 TO 8	A.R.	



EFFECTIVE SERIAL NUMBER(S) 17859 TO 19528
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2655-2 TO 2658-2

700 SERIES
SERIE 700

SECTION 2 PAGE 1
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3 REVISION C

CIRCLE & DRAWBAR ASSEMBLY - MODEL 710/710A

APRIL 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

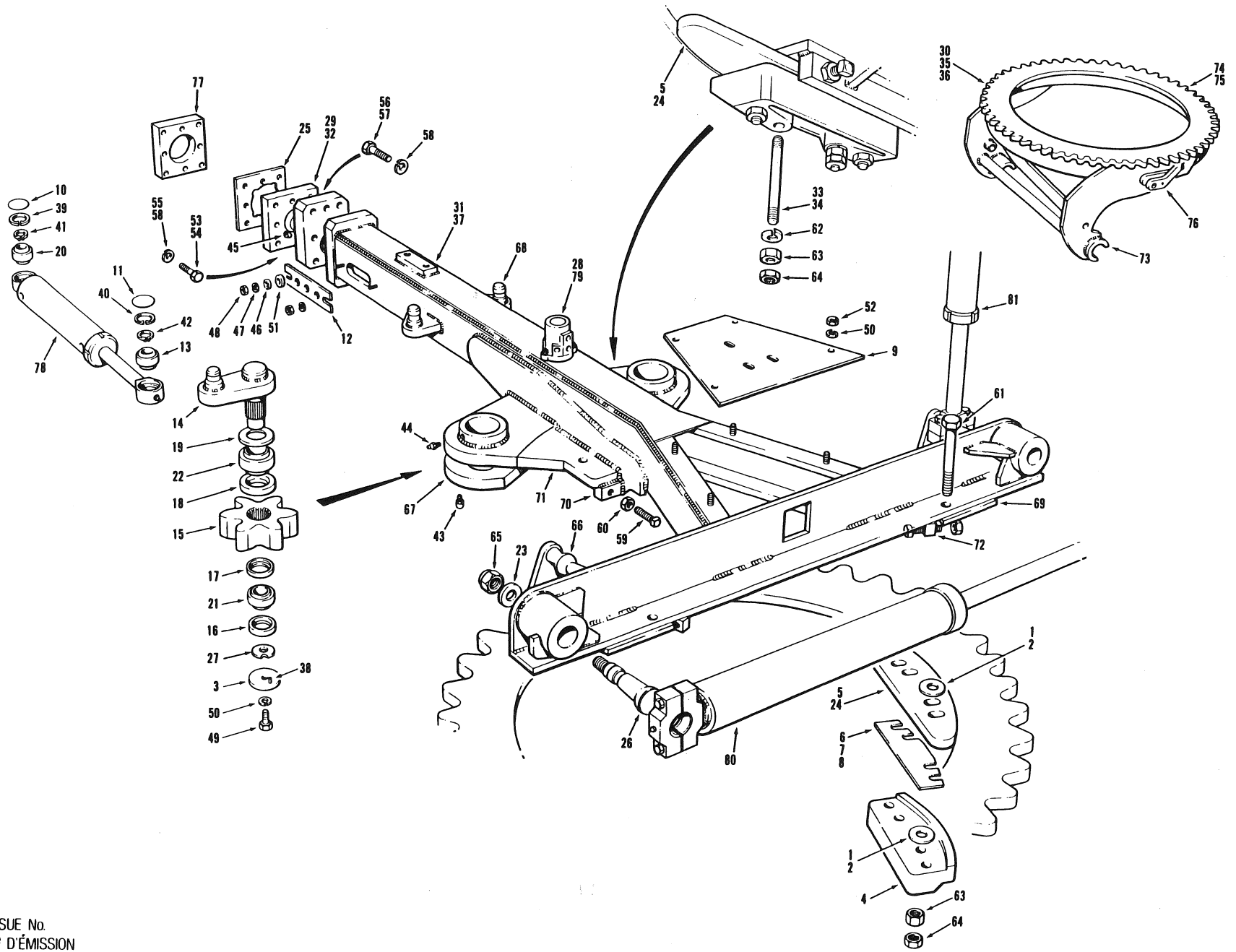
CIRCLE & DRAWBAR ASSEMBLY - MODEL 710/710A

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	5670A	SHIM - .010"	A.R.	
2	5670B	SHIM - .020"	A.R.	
3	12082	PLATE - CLAMP	3	
4	12086	PLATE - GUIDE	3	
5	12119-10	SHIM - 10 GA.	A.R.	
6	12119-16	SHIM - 16 GA.	A.R.	
7	12119-20	SHIM - 20 GA.	A.R.	
8	15358	EXPANSION PLUG	2	
9	16507	EXPANSION PLUG	2	
10	18340	PLAIN BEARING - 40mm	2	
11	18494	SHIM - .020"	A.R.	
12	18760	CIRCLE DRIVE PINION	2	
13	19629	PLAIN BEARING - 35mm	3	
14	19630	PLAIN BEARING - 50mm	2	
15	19631	PLAIN BEARING - 70mm	2	
16	25067	BALL STUD	1	
17	27340	SHIM - .010"	A.R.	
18	30203	BALL STUD	2	
19	45742	CIRCLE CRANK	2	
20	42855	SPACER	2	
21	44403	CIRCLE - C/W SINGLE CYLINDER TILT LUG	1	
22	44777	DRAWBAR	1	
23	19B-218	SNAP RING	2	
24	19B-244	SNAP RING	2	
25	19C-137	SNAP RING	2	
26	19C-156	SNAP RING	2	
27	19F-050	SNAP RING	2	
28	29D-02	GREASE FITTING	1	
29	29E-04	GREASE FITTING	2	
30	51A-1020	BOLT	8	
31	14A-10	LOCKWASHER	8	
32	51A-1222	BOLT	8	
33	14A-12	LOCKWASHER	8	
34	70F-1664	SETSCREW	6	
35	30D-16	NUT	12	
36	50A-1664	BOLT	6	
37	30A-16	NUT	6	
38	37H-20	LOCKNUT	2	
39	1495E	BALL PIN	2	
40	12954	ANCHOR STUD	2	
41	46344	RUB PLATE	2	
42	23638	6 TOOTH SEGMENT	A.R.	REPAIR PARTS
43	27983	ARM PIVOT	2	
44	27984	MOUNTING LUG - TILT CYLINDER	1	
45	42851	DRIVE PINION MOUNT ASSY.	1	
46	45714	SCREW BLOCK - FRONT & REAR	3	
47		CIRCLE TURN CYLINDER	REF.	SECTION 2 PAGE 8
48		CIRCLE TURN VALVE	REF.	SECTION 2 PAGE 10
49		CIRCLE SHIFT CYLINDER	REF.	SECTION 2 PAGE 12
50		BLADE LIFT CYLINDER	REF.	SECTION 3 PAGE 6
	33276	GUIDE AND CLAMP PLATE KIT - INCLUDES ITEMS 1 TO 7	A.R.	
		MOVEABLE POINT DRAWBAR ASSY.		
51	45752	BALL STUD	1	
52	48405	SHIM - .010"	A.R.	
53	48406	SHIM - .020"	A.R.	
54	49147	DRAWBAR	1	
55	45913	RUB PLATE	2	REPAIR PART

EFFECTIVE SERIAL NUMBER(S) 16224, 16245 TO 16885
NUMERO(S) DE SÉRIE EFFECTIF(S) & 16888 TO 16893
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 TO 2471-2

700 SERIES
SERIE 700

SECTION 2 PAGE 3
SECCION 2 PAGINA 3



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

CIRCLE & DRAWBAR ASSEMBLY - 720 THRU 760

JULY 1986

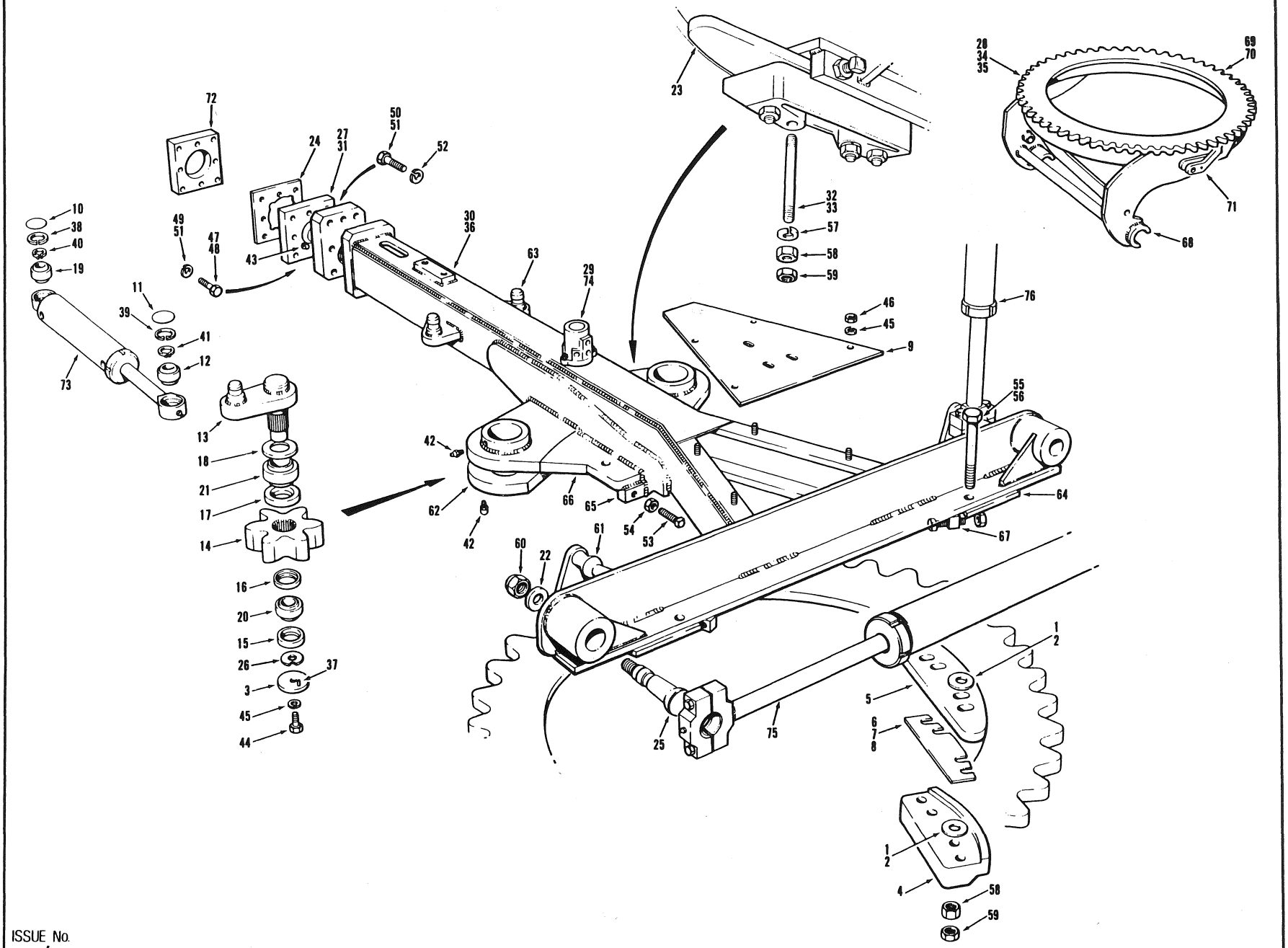
FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

CIRCLE & DRAWBAR ASSEMBLY - MODEL 720 THRU 760

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	5670A	SHIM - .010"	A.R.	
2	5670B	SHIM - .020"	A.R.	
3	7361	WASHER	2	
4	12082	CLAMP PLATE	3	
5	12086	GUIDE PLATE - LIGHT & MEDIUM CIRCLE	3	
6	12119-10	SHIM - 10 Ga.	A.R.	
7	12119-16	SHIM - 16 Ga.	A.R.	
8	12119-20	SHIM - 20 Ga.	A.R.	
9	12924	COVER PLATE	1	
10	15358	EXPANSION PLUG	2	
11	16507	EXPANSION PLUG	2	
12	17521	MOUNTING PLATE	2	
13	18340	PLAIN BEARING - 40mm	2	
14	18759	CIRCLE CRANK	2	
15	18760	CIRCLE DRIVE PINION	2	
16	19156	BEARING SEAL - BOTTOM - 70mm	2	
17	19157	BEARING SEAL - TOP - 50mm	2	
18	19158	BEARING SEAL - BOTTOM - 50mm	2	
19	19159	BEARING SEAL - TOP - 70mm	2	
20	19629	PLAIN BEARING - 35mm	3	
21	19630	PLAIN BEARING - 50mm	2	
22	19631	PLAIN BEARING - 70mm	2	
23	25287	WASHER	2	
24	25382	GUIDE PLATE - HEAVY CIRCLE	3.	
25	27340	SHIM - .010" - SHORT BALL STUD	A.R.	
	32140	SHIM - .020" - LONG BALL STUD	A.R.	
	32141	SHIM - .010" - LONG BALL STUD	A.R.	
26	30203	BALL STUD	2	
27	*36092	SHIM	2	
28	37007	SHIM - CIRCLE TURN VALVE	A.R.	
29	25067	BALL STUD - SHORT	1	720,720A
30	32388	CIRCLE - LIGHT	1	730 & 730A
31	36004	DRAWBAR - LIGHT	1	
32	32071	BALL STUD - LONG	1	
33	24323	STUD - MEDIUM CIRCLE	2	
34	34803	STUD - HEAVY CIRCLE	2	740,740A
35	32389	CIRCLE - MEDIUM	1	& 760
36	32390	CIRCLE - HEAVY (OPTIONAL ON 740/740A)	1	
37	35994	DRAWBAR - HEAVY	1	
38	13J-0816	ROLL PIN	2	
39	19B-218	SNAP RING	2	
40	19B-244	SNAP RING	2	
41	19C-137	SNAP RING	2	
42	19C-156	SNAP RING	2	
43	29A-02	GREASE FITTING	4	
44	29A-04	GREASE FITTING	2	
45	29B-02	GREASE FITTING	1	
46	14C-06	FLATWASHER	4	
47	14A-06	LOCKWASHER	4	
48	30A-06	NUT	4	
49	50A-0816	BOLT	2	
50	14A-08	LOCKWASHER	6	
51	14C-08	FLATWASHER	4	
52	30A-08	NUT	4	
53	51A-1020	BOLT - (USED WITH ITEM 29)	8	
54	51A-1232	BOLT - (USED WITH ITEM 32)	8	
55	14A-10	LOCKWASHER	8	
56	51A-1224	BOLT - (USED WITH ITEM 29)	8	
57	51A-1228	BOLT - (USED WITH ITEM 32)	8	
58	14A-12	LOCKWASHER	16	
59	70F-1664	SETSCREW	6	
60	30D-16	NUT	6	
61	*50A-1664	BOLT	6	
62	14A-18	LOCKWASHER	2	
63	30A-18	NUT	A.R.	
64	30D-18	JAM NUT	A.R.	
65	37H-20	LOCKNUT	2	
66	1495E	BALL PIN	2	
67	12087-16	DRIVE PINION MOUNT ASSY.	1	
68	12954	ANCHOR STUD	2	
69	14117-15	RUB PLATE	2	
70	14117-19	SCREW BLOCK - FRONT	1	
71	14117-20	MOUNT PLATE - FRONT	1	REPAIR
72	14117-21	SCREW BLOCK - REAR	2	PARTS
73	14122-4	ARM PIVOT	2	
74	23638	6 TOOTH SEGMENT - LIGHT CIRCLE	A.R.	
75	27577	6 TOOTH SEGMENT - MEDIUM & HEAVY CIRCLE	A.R.	
76	27721	STRADDLE MOUNT	2	
77	32394	BALL SEAT - LONG BALL STUD	1	760 OPTIONAL 740 & 740A
78		CIRCLE TURN CYLINDER	REF.	SECTION 2 PAGES 8
79		CIRCLE TURN VALVE	REF.	SECTION 2 PAGES 10
80		CIRCLE SHIFT CYLINDER	REF.	SECTION 2 PAGES 12
81		BLADE LIFT CYLINDER	REF.	SECTION 3 PAGES 6
	33276	GUIDE & CLAMP PLATE KIT - LIGHT & MEDIUM CIRCLE - INCLUDES ITEMS 1,2 & 4 TO 8	A.R.	
	33277	GUIDE & CLAMP PLATE KIT - HEAVY CIRCLE - INCLUDES ITEMS 1,2,4,6,7,8 & 24	A.R.	



EFFECTIVE SERIAL NUMBER(S) 16886,16887,16894 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2472-2 & UP

700 SERIES
SERIE 700

SECTION 2 PAGE 3
SECCION 2 PAGINA 3

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2

CIRCLE & DRAWBAR ASSEMBLY - MODEL 720 THRU 760

MARCH 1986

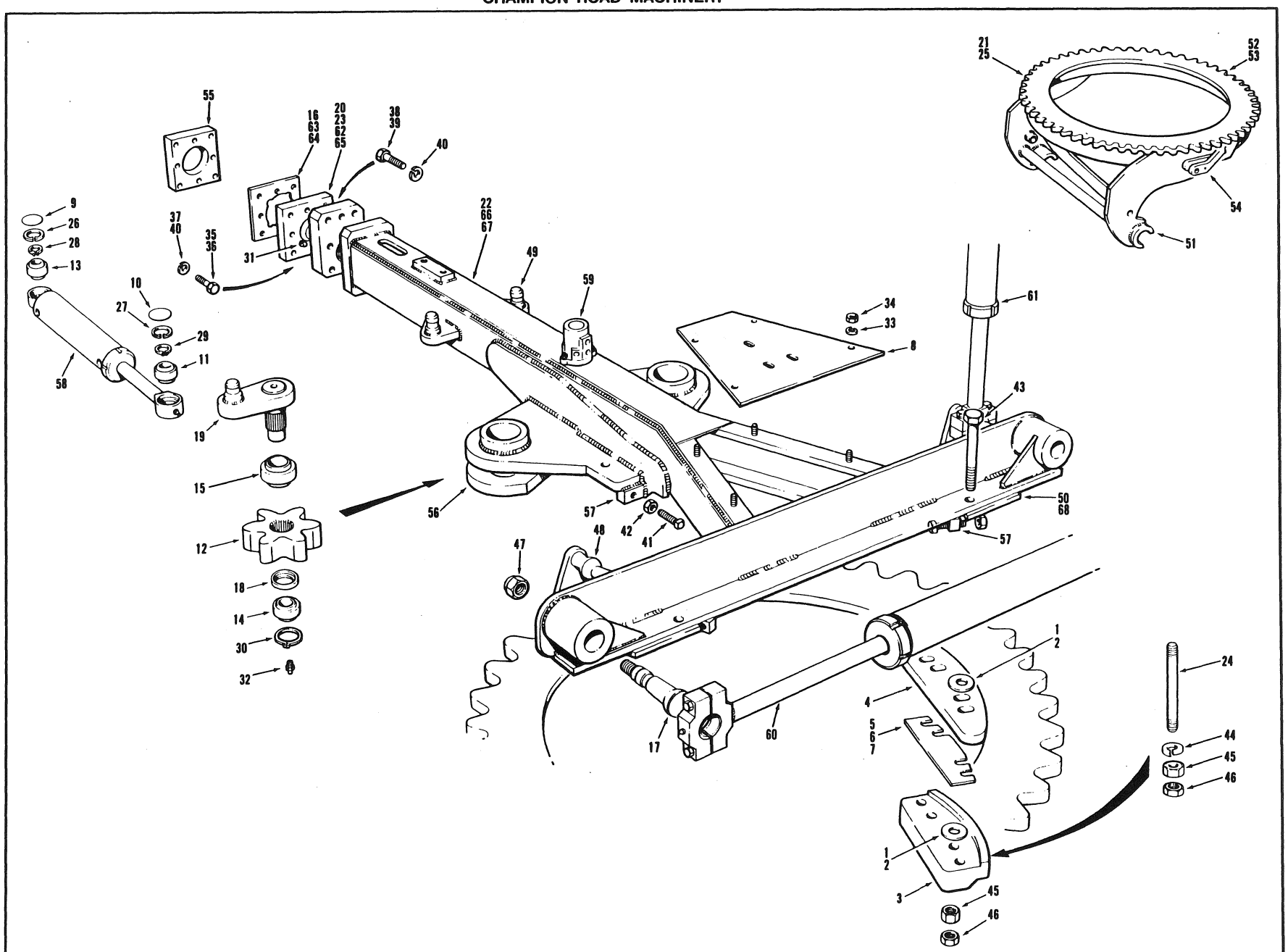
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

SECTION / SECCION 2 | PAGE / PAGINA 4 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 2

CIRCLE & DRAWBAR ASSEMBLY - MODEL 720 THRU 760

MARCH 1986

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	5670A	SHIM -.010"	A.R.	
2	5670B	SHIM -.020"	A.R.	
3	7361	WASHER	2	
4	12082	CLAMP PLATE	3	
5	12086	GUIDE PLATE - LIGHT & MEDIUM CIRCLE	3	
6	12119-10	SHIM - 10 GA.	A.R.	
7	12119-16	SHIM - 16 GA.	A.R.	
8	12119-20	SHIM - 20 GA.	A.R.	
9	12924	COVER PLATE	1	
10	15358	EXPANSION PLUG	2	
11	16507	EXPANSION PLUG	2	
12	18340	PLAIN BEARING - 40 mm.	2	
13	18759	CIRCLE CRANK	2	
14	18760	CIRCLE DRIVE PINION	2	
15	19156	BEARING SEAL - BOTTOM - 70mm.	2	
16	19157	BEARING SEAL - TOP - 50mm.	2	
17	19158	BEARING SEAL - BOTTOM - 50mm.	2	
18	19159	BEARING SEAL - TOP - 70mm.	2	
19	19629	PLAIN BEARING - 35mm.	3	
20	19630	PLAIN BEARING - 50mm.	2	
21	19631	PLAIN BEARING - 70mm.	2	
22	25287	WASHER	2	
23	25382	GUIDE PLATE - HEAVY CIRCLE	3	
24	27340	SHIM - .010" - SHORT BALL STUD	A.R	
	32140	SHIM - .020" - LONG BALL STUD	A.R	
	32141	SHIM - .010" - LONG BALL STUD	A.R	
25	30203	BALL STUD	2	
26	36092	WASHER	A.R.	
27	25067	BALL STUD - SHORT	1	720, 720A
28	32388	CIRCLE - LIGHT	1	730, 730A
29	*41384	SHIM - CIRCLE TURN VALVE	A.R.	
30	*42381	DRAWBAR - LIGHT	1	720 THRU 740A
31	32071	BALL STUD - LONG	1	
32	24323	STUD - MEDIUM CIRCLE	2	
33	34803	STUD - HEAVY CIRCLE	2	740, 740A & 760
34	32389	CIRCLE - MEDIUM	1	
35	32390	CIRCLE - HEAVY (OPTIONAL ON 740/740A)	1	
36	*42382	DRAWBAR - HEAVY	1	760
37	13J-0816	ROLL PIN	2	
38	19B-218	SNAP RING	2	
39	19B-244	SNAP RING	2	
40	19C-137	SNAP RING	2	
41	19C-156	SNAP RING	2	
42	29A-02	GREASE FITTING	6	
43	29B-02	GREASE FITTING	1	
44	50A-0816	BOLT	2	
45	14A-08	LOCKWASHER	6	
46	30A-08	NUT	4	
47	51A-1020	BOLT	8	ITEM 27
48	51A-1232	BOLT	8	ITEM 30
49	14A-10	LOCKWASHER	8	
50	51A-1224	BOLT	8	ITEM 27
51	51A-1228	BOLT	8	ITEM 30
52	14A-12	LOCKWASHER	16	
53	70F-1664	SET SCREW	6	
54	30D-16	NUT	6	
55	50A-1856	BOLT	6	ITEM 5
56	50A-1864	BOLT	6	ITEM 23
57	14A-18	LOCKWASHER	2	
58	30A-18	NUT	A.R.	
59	30D-18	JAM NUT	A.R.	
60	37H-20	LOCKNUT	2	
61	1495E	BALL PIN	2	REPAIR PARTS
62	12087-16	DRIVE PINION MOUNT	1	
63	12954	ANCHOR STUD	2	
64	14117-15	RUB PLATE	2	
65	14117-19	SCREW BLOCK - FRONT	1	
66	14117-20	MOUNT PLATE - FRONT	1	
67	14117-21	SCREW BLOCK - REAR	2	
68	14122-4	ARM PIVOT	2	
69	23638	6 TOOTH SEGMENT - LIGHT CIRCLE	A.R.	
70	27577	6 TOOTH SEGMENT - MEDIUM & HEAVY CIRCLE	A.R.	
71	27721	STRADDLE MOUNT	2	
72	32394	BALL SEAT - LONG BALL STUD	1	760 OPTIONAL 740 &740A
73		CIRCLE TURN CYLINDER	REF.	SECTION 2 PAGE 8
74		CIRCLE TURN VALVE	REF.	SECTION 2 PAGE 10
75		CIRCLE SHIFT CYLINDER	REF.	SECTION 2 PAGE 12
76		BLADE LIFT CYLINDER	REF.	SECTION 3 PAGE 6
	33276	GUIDE & CLAMP PLATE KIT - LIGHT & MEDIUM CIRCLES - INCLUDES ITEMS 2,3 & 5 TO 9	A.R.	
	33277	GUIDE & CLAMP PLATE KIT - HEAVY CIRCLE - INCLUDES ITEMS 2,3,5,7,8,9 & 25	A.R.	



EFFECTIVE SERIAL NUMBER(S) 17856 TO 19528
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2657-2 TO 2658-2

700 SERIES
SERIE 700

SECTION 2 PAGE 3
SECCION 2 PAGINA 3

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
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CIRCLE & DRAWBAR ASSEMBLY - MODELS 720 THRU 740A

APRIL 1989

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SECTION / SECCION 2 | PAGE / PAGINA 4 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 3 REVISION C

CIRCLE & DRAWBAR ASSEMBLY - MODELS 720 THRU 740A

APRIL 1989

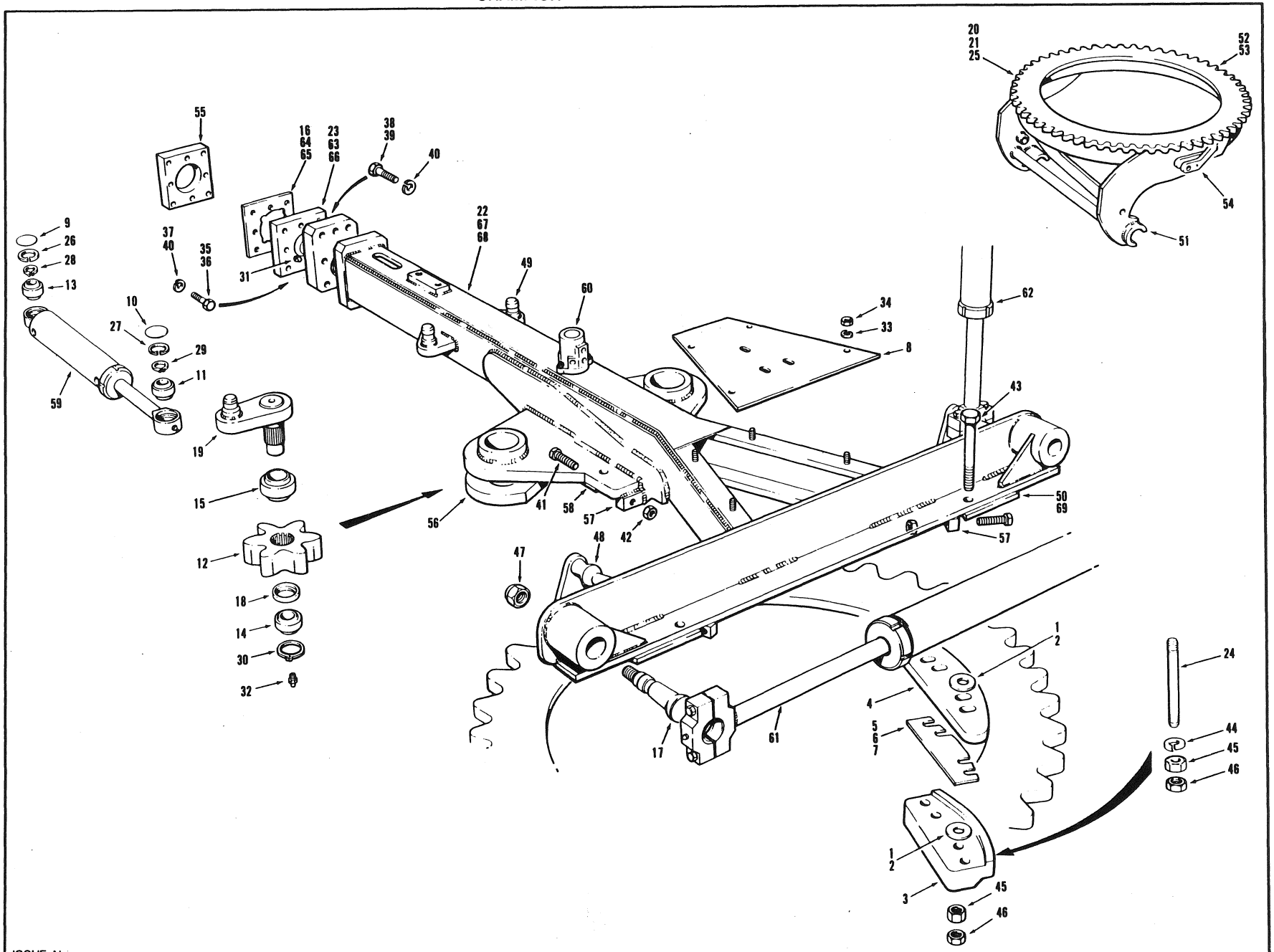
No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	5670A	SHIM - .010"	A.R.	
2	5670B	SHIM - .020"	A.R.	
3	12082	PLATE - CLAMP	3	
4	12086	PLATE - GUIDE - LIGHT & MEDIUM CIRCLE	3	
5	12119-10	SHIM - 10 GA.	A.R.	
6	12119-16	SHIM - 16 GA.	A.R.	
7	12119-20	SHIM - 20 GA.	A.R.	
8	12924	COVER PLATE	1	
9	15358	EXPANSION PLUG	2	
10	16507	EXPANSION PLUG	2	
11	18340	PLAIN BEARING - 40mm	2	
12	18760	CIRCLE DRIVE PINION	2	
13	19629	PLAIN BEARING - 35mm	3	
14	19630	PLAIN BEARING - 50mm	2	
15	19631	PLAIN BEARING - 70mm	2	
	18494	SHIM - .020" - 720 THRU 730A	A.R.	
	27340	SHIM - .010" - 720 THRU 730A	A.R.	
16	32140	SHIM - .020" - 740/740A	A.R.	
	32141	SHIM - .010" - 740/740A	A.R.	
17	30203	BALL STUD	2	
18	42855	SPACER	2	
19	45742	CIRCLE CRANK	2	
20	25067	BALL STUD - 720 THRU 730A	1	
21	44404	CIRCLE - LIGHT - 720 THRU 730A	1	
22	44779	DRAWBAR	1	
23	44588	BALL STUD - 740/740A	1	
24	24323	STUD - MEDIUM CIRCLE - 740/740A	2	
25	44405	CIRCLE - MEDIUM	1	
26	19B-218	SNAP RING	2	
27	19B-244	SNAP RING	2	
28	19C-137	SNAP RING	2	
29	19C-156	SNAP RING	2	
30	19F-050	SNAP RING	2	
31	29D-02	GREASE FITTING	1	
32	29E-04	GREASE FITTING	2	
33	14A-08	LOCKWASHER	4	
34	30A-08	NUT	4	
35	51A-1020	BOLT	8	ITEM 20
36	51A-1236	BOLT	8	ITEM 23
37	14A-10	LOCKWASHER	8	
38	51A-1222	BOLT	8	ITEM 20
39	51A-1228	BOLT	8	ITEM 23
40	14A-12	LOCKWASHER	16	
41	70F-1664	SET SCREW	6	
42	30D-16	NUT	6	
43	50A-1864	BOLT	6	
44	14A-20	LOCKWASHER	2	
45	30A-18	NUT	A.R.	
46	30D-18	JAM NUT	A.R.	
47	37H-20	LOCKNUT	2	
48	1495E	BALL PIN	2	REPAIR PARTS
49	12954	ANCHOR STUD	2	
50	46344	RUB PLATE	2	
51	14122-4	ARM PIVOT	2	
52	23638	6 TOOTH SEGMENT - LIGHT CIRCLE	A.R.	
53	27577	6 TOOTH SEGMENT - MEDIUM CIRCLE	A.R.	
54	27721	STRADDLE MOUNT	2	
55	32394	BALL SEAT - LONG BALL STUD	1	740 & 740A REPAIR PARTS
56	42851	DRIVE PINION MOUNT	1	
57	45714	SCREW BLOCK - FRONT & REAR	3	
58		CIRCLE TURN CYLINDER	REF.	SECTION 2 PAGE 8
59		CIRCLE TURN VALVE	REF.	SECTION 2 PAGE 10
60		CIRCLE SHIFT CYLINDER	REF.	SECTION 2 PAGE 12
61		BLADE LIFT CYLINDER	REF.	SECTION 3 PAGE 6
	33276	GUIDE & CLAMP PLATE KIT - LIGHT & MEDIUM CIRCLES - INCLUDES ITEMS 1 TO 7	A.R.	
		MOVEABLE POINT DRAWBAR ASSY.		
62	45752	BALL STUD - 720 THRU 730A	1	
63	48405	SHIM - .010"	A.R.	
64	48406	SHIM - .020"	A.R.	
65	48411	BALL STUD - 740/740A	1	
66	49148	DRAWBAR - 720/730A	1	
67	49221	DRAWBAR - 740/740A	1	
68	45913	RUB PLATE	2	REPAIR PART

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

19529 & UP

700 SERIES
SERIE 700

SECTION 2 PAGE 3
SECCION 2 PAGINA 3



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

CIRCLE & DRAWBAR ASSEMBLY - MODELS 710 THRU 740A

APRIL 1989

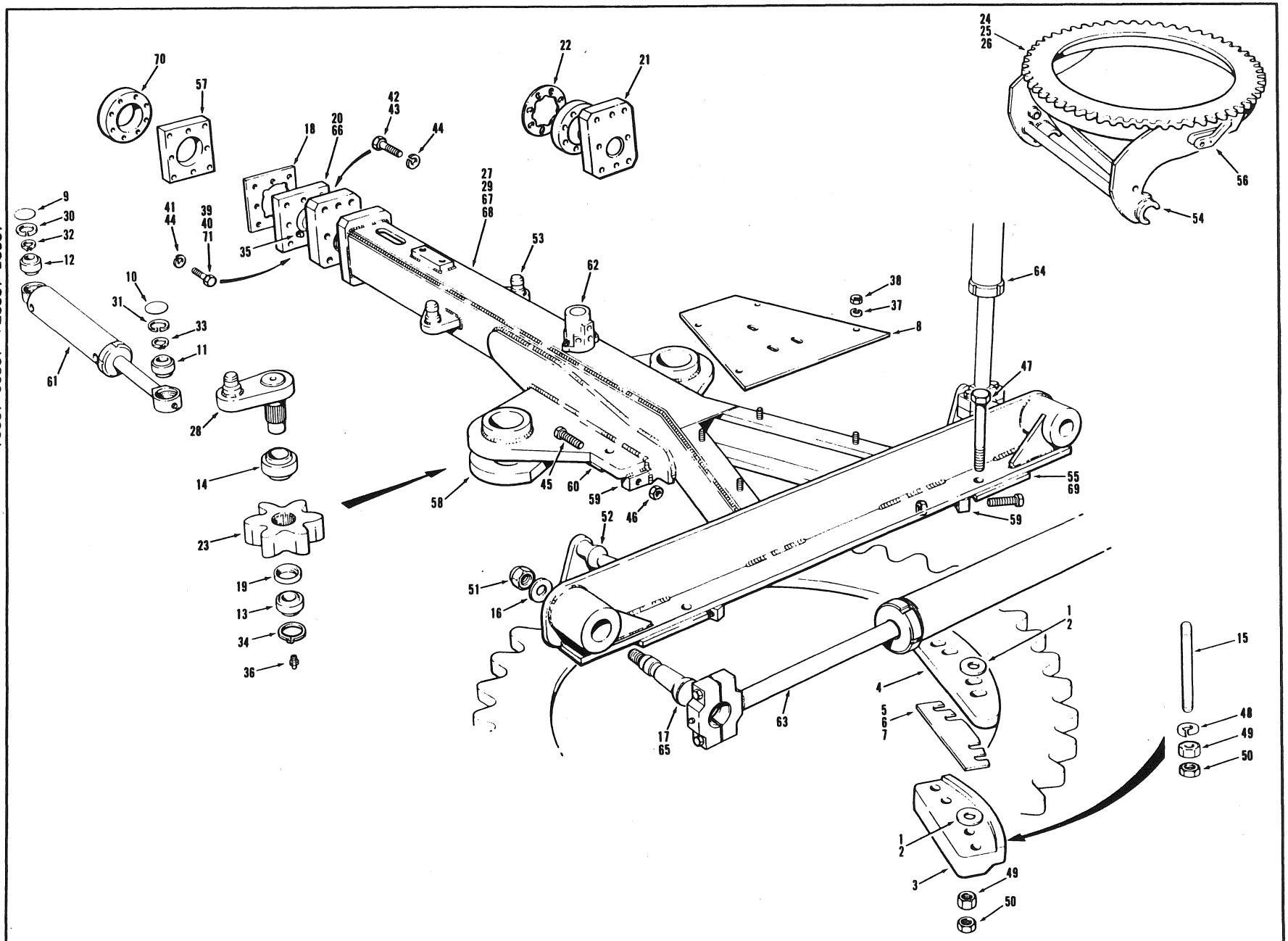
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

CIRCLE & DRAWBAR ASSEMBLY - MODELS 710 THRU 740A

No.	PART No.	DESCRIPTION	No. REQ.	REMARKS
1	5670A	SHIM - .010"	A.R.	
2	5670B	SHIM - .020"	A.R.	
3	12082	PLATE - CLAMP	3	
4	12086	PLATE - GUIDE - LIGHT & MEDIUM CIRCLE	3	
5	12119-10	SHIM - 10 GA.	A.R.	
6	12119-16	SHIM - 16 GA.	A.R.	
7	12119-20	SHIM - 20 GA.	A.R.	
8	12924	COVER PLATE	1	
9	15358	EXPANSION PLUG	2	
10	16507	EXPANSION PLUG	2	
11	18340	PLAIN BEARING - 40mm	2	
12	18760	CIRCLE DRIVE PINION	2	
13	19629	PLAIN BEARING - 35mm	3	
14	19630	PLAIN BEARING - 50mm	2	
15	19631	PLAIN BEARING - 70mm	2	
	18494	SHIM - .020" - 720 THRU 730A	A.R.	
16	32140	SHIM - .020" - 740/740A	A.R.	
	32141	SHIM - .010" - 740/740A	A.R.	
17	30203	BALL STUD	2	
18	42855	SPACER	2	
19	45742	CIRCLE CRANK	2	UP TO S/N 19690
	*52378	CIRCLE CRANK	1	S/N 19691 & UP
20	*44403	CIRCLE - 710/710A	1	
21	44404	CIRCLE - LIGHT - 720 THRU 730A	1	
22	44779	DRAWBAR	1	UP TO S/N 19690
	*52368	DRAWBAR	1	S/N 19691 & UP
23	44588	BALL STUD - 740/740A	1	
24	24323	STUD - MEDIUM CIRCLE - 740/740A	2	
25	44405	CIRCLE - MEDIUM - 740/740A	1	
26	19B-218	SNAP RING	2	
27	19B-244	SNAP RING	2	
28	19C-137	SNAP RING	2	
29	19C-156	SNAP RING	2	
30	19E-050	SNAP RING	2	
31	29D-02	GREASE FITTING	1	
32	29E-04	GREASE FITTING	2	
33	14A-08	LOCKWASHER	4	
34	30A-08	NUT	4	
35	51A-1020	BOLT	8	ITEM 20
36	51A-1236	BOLT	8	ITEM 23
37	14A-10	LOCKWASHER	8	
38	51A-1222	BOLT	8	ITEM 20
39	51A-1228	BOLT	8	ITEM 23
40	14A-12	LOCKWASHER	16	
41	70F-1664	SET SCREW	6	
42	30D-16	NUT	6	
43	50A-1864	BOLT	6	
44	14A-20	LOCKWASHER	2	
45	30A-18	NUT	A.R.	
46	30D-18	JAM NUT	A.R.	
47	37H-20	LOCKNUT	2	
48	1495E	BALL PIN	2	REPAIR PARTS
49	12954	ANCHOR STUD	2	
50	46344	RUB PLATE	2	
51	14122-4	ARM PIVOT	2	
52	23638	6 TOOTH SEGMENT - LIGHT CIRCLE	A.R.	
53	27577	6 TOOTH SEGMENT - MEDIUM CIRCLE	A.R.	
54	27721	STRADDLE MOUNT	2	
55	32394	BALL SEAT - LONG BALL STUD	1	740 & 740A REPAIR PART
56	42851	DRIVE PINION MOUNT	1	
57	45714	SCREW BLOCK - FRONT & REAR	3	
58	*42851-3	LOWER MOUNT PLATE	1	REPAIR PART
59		CIRCLE TURN CYLINDER	REF.	SECTION 2 PAGE 8
60		CIRCLE TURN VALVE	REF.	SECTION 2 PAGE 10
61		CIRCLE SHIFT CYLINDER	REF.	SECTION 2 PAGE 12
62		BLADE LIFT CYLINDER	REF.	SECTION 3 PAGE 6
	33276	GUIDE & CLAMP PLATE KIT - LIGHT & MEDIUM CIRCLES - INCLUDES ITEMS 1 TO 7	A.R.	
		MOVEABLE POINT DRAWBAR ASSY.		
63	45752	BALL STUD - 710 THRU 730A	1	
64	48405	SHIM - .010"	A.R.	
65	48406	SHIM - .020"	A.R.	
66	48411	BALL STUD - 740/740A	1	
67	49148	DRAWBAR - 710 THRU 730A	1	UP TO S/N 19690
	*52369	DRAWBAR - 710 THRU 730A		S/N 19691 & UP
68	49221	DRAWBAR - 740/740A	1	UP TO S/N 19690
	*22370	DRAWBAR - 740/740A	1	S/N 19691 & UP
69	45913	RUB PLATE	2	REPAIR PART



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

19895, 19897 to 19899, 19901,
19902, 19904 to 19916, 19918,
19920 & UP

700 SERIES
SERIE 700

SECTION 2 PAGE 3
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5

CIRCLE & DRAWBAR ASSEMBLY - MODELS 710 THRU 740A

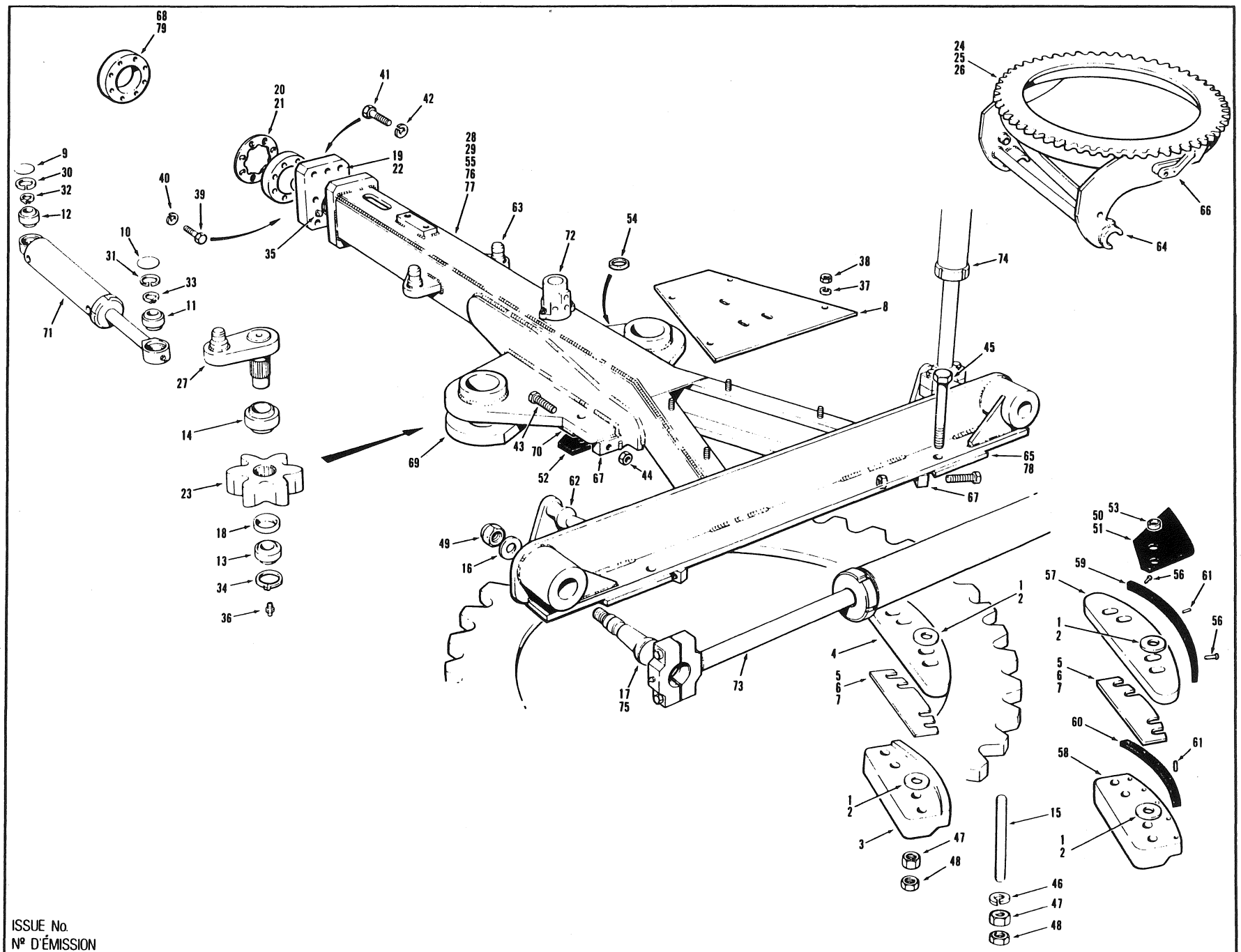
JUNE 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

CIRCLE & DRAWBAR ASSEMBLY - MODELS 710 THRU 740A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	5670A	SHIM - .010"	A.R.	
2	5670B	SHIM - .020"	A.R.	
3	12082	PLATE - CLAMP	3	
4	12086	PLATE - GUIDE - LIGHT & MEDIUM CIRCLE	3	
5	12119-10	SHIM - 10 GA.	A.R.	
6	12119-16	SHIM - 16 GA.	A.R.	
7	12119-20	SHIM - 20 GA.	A.R.	
8	12924	COVER PLATE	1	
9	15358	EXPANSION PLUG	2	
10	16507	EXPANSION PLUG	2	
11	18340	PLAIN BEARING - 40 mm	2	
12	19629	PLAIN BEARING - 35 mm	3	
13	19630	PLAIN BEARING - 50 mm	2	
14	19631	PLAIN BEARING - 70 mm	2	
15	24323	STUD	2	740/740A
16	*25287	WASHER	1	
17	30203	BALL STUD	2	
18	32140	SHIM - .020"	A.R.	740/740A
	32141	SHIM - .010"	A.R.	740/740A
19	42855	SPACER	2	
20	44588	BALL STUD	1	740/740A
21	45752	BALL STUD	1	
22	*48405	SHIM - .010"	A.R.	710 thru 730A
	*48406	SHIM - .020"	A.R.	
23	*52118	CIRCLE DRIVE PINION	2	
24	*52354	CIRCLE	1	710/710A
25	*52355	CIRCLE	1	720 thru 730A
26	*52356	CIRCLE	1	740/740A
27	*52368	DRAWBAR	1	740/740A
28	52378	CIRCLE CRANK	1	
29	*53025	DRAWBAR	1	710 thru 730A
30	19B-218	SNAP RING	2	
31	19B-244	SNAP RING	2	
32	19C-137	SNAP RING	2	
33	19C-156	SNAP RING	2	
34	19F-050	SNAP RING	2	
35	*28A-04	GREASE FITTING	1	
36	29E-04	GREASE FITTING	2	
37	14A-08	LOCKWASHER	4	
38	30A-08	NUT	4	
39	51A-1020	BOLT	8	ITEM 21
40	51A-1236	BOLT	8	ITEM 20
41	14A-10	LOCKWASHER	8	
42	51A-1220	BOLT	8	
43	51A-1228	BOLT	8	ITEM 21
44	14A-12	LOCKWASHER	8	ITEM 20
45	70F-1664	SET SCREW	16	
46	30D-16	NUT	6	
47	50A-1864	BOLT	6	
48	14A-20	LOCKWASHER	6	
49	30A-18	NUT	A.R.	
50	30D-18	JAM NUT	A.R.	
51	37H-20	LOCKNUT	2	
52	1495E	BALL PIN	2	
53	12954	ANCHOR PIVOT	2	
54	14122-4	ARM PIVOT	2	REPAIR
55	46344	RUB PLATE	1	PART
56	52401	STRADDLE MOUNT	2	
57	32394	BALL SEAT - LONG BALL STUD	1	740/740A
58	*42851	DRIVE PINION MOUNT	1	REPAIR
59	45714	SCREW BLOCK - FRONT & REAR	3	PART
60	42851-3	LOWER MOUNT PLATE	1	REPAIR PART
61		CIRCLE TURN CYLINDER	REF.	SECTION 2 PAGE 8
62		CIRCLE TURN VALVE	REF.	SECTION 2 PAGE 10
63		CIRCLE SHIFT CYLINDER	REF.	SECTION 2 PAGE 12
64		BLADE LIFT CYLINDER	REF.	SECTION 3 PAGE 6
	33276	GUIDE & CLAMP PLATE KIT - LIGHT & MEDIUM CIRCLES - INCLUDES ITEMS 1 TO 7	A.R.	
		MOVEABLE POINT DRAWBAR ASSEMBLY		
65	*49796	BALL STUD	1	710 thru 730A
66	48411	BALL STUD	1	740/740A
67	*53027	DRAWBAR	1	710 thru 730A
68	*52370	DRAWBAR	1	740/740A
69	45913	RUB PLATE	2	REPAIR PART
70	*48408	BALL CAP	1	
71	*51A-1224	BOLT	8	740/740A



EFFECTIVE SERIAL NUMBER(S) Models 710 thru 720A -
NUMERO(S) DE SÉRIE EFFECTIF(S) 20335 & UP
NUMERO(S) DE SERIE EFECTIVO(S) Models 730 thru 740A -
20362, 20391 & UP

700 SERIES
SERIE 700

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SECCION 2

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ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 6

CIRCLE & DRAWBAR ASSEMBLY - MODELS 710 THRU 740A

JANUARY 1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

CIRCLE & DRAWBAR ASSEMBLY - MODELS 710 THRU 740A

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	5670A	SHIM - .010"	A.R.	
2	5670B	SHIM - .020"	A.R.	
3	12082	CLAMP PLATE	3	
4	12086	GUIDE PLATE	3	
5	12119-10	SHIM - 10 GA.	A.R.	
6	12119-16	SHIM - 16 GA.	A.R.	
7	12119-20	SHIM - 20 GA.	A.R.	
8	12924	COVER PLATE	1	
9	15358	EXPANSION PLUG	2	
10	16507	EXPANSION PLUG	2	
11	18340	BEARING - 40 mm	2	
12	19629	BEARING - 35 mm	3	
13	19630	BEARING - 50 mm	2	
14	19631	BEARING - 70 mm	2	
15	24323	STUD	2	740/740A
16	25287	WASHER	1	
17	30203	BALL STUD	2	
18	42855	SPACER	2	
19	45752	BALL STUD	1	
20	48405	SHIM - .010"	A.R.	
21	48406	SHIM - .020"	A.R.	740/740A
22	*48411	BALL STUD	1	
23	52118	CIRCLE DRIVE PINION	2	
24	52354	CIRCLE	1	710/710A
25	52355	CIRCLE	1	720 thru 730A
26	52356	CIRCLE	1	740/740A
27	52378	CIRCLE CRANK	2	
28	53025	DRAWBAR	1	710 thru 730A
29	53084	DRAWBAR	1	740/740A
30	19B-218	SNAP RING	2	
31	19B-244	SNAP RING	2	
32	19C-137	SNAP RING	2	
33	19C-156	SNAP RING	2	
34	19F-050	SNAP RING	2	
35	28A-04	GREASE FITTING	1	
36	29E-04	GREASE FITTING	2	
37	14A-08	LOCKWASHER	4	
38	30A-08	NUT	4	
39	51A-1020	BOLT	8	
40	14A-10	LOCKWASHER	8	
41	51A-1220	BOLT	8	
42	14A-12	LOCKWASHER	8	
43	70F-1664	SET SCREW	16	
44	30D-16	NUT	6	
45	50A-1864	BOLT	6	
46	14A-18	LOCKWASHER	6	
47	30A-18	NUT	A.R.	
48	30D-18	JAM NUT	A.R.	
49	37H-20	LOCKNUT	2	
	33276	GUIDE & CLAMP PLATE KIT - LIGHT & MEDIUM CIRCLES - INCLUDES ITEMS 1 TO 7		

No. Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		DURAMIDE COMPONENTS OPTIONAL ON MODELS 710 THRU 720A		
50	*51604	DURAMIDE RUB PLATE	2	
51	*51605	DURAMIDE RUB PLATE	2	Moveable Point Hi-Lift
52	*51698	DURAMIDE FRONT PLATE	1	
53	*52431	SPACER	4	
54	*52432	SPACER	4	
55	*53023	DRAWBAR	1	710 thru 720A
56	*53063	CAPSCREW - BRASS	6	
57	*54338	GUIDE PLATE	3	
58	*54340	CLAMP PLATE	3	
59	*54341	DURAMIDE BEARING PLATE	3	
60	*54342	DURAMIDE BEARING PLATE	3	
61	*54934	PIN - BRASS	30	
62	1495E	BALL PIN	2	
63	12954	ANCHOR PIVOT	2	REPAIR
64	14122-4	ARM PIVOT	2	PART
65	46344	RUB PLATE	1	
66	52401	STRADDLE MOUNT	2	
67	45714	SCREW BLOCK - FRONT & REAR	3	740/740A
68	*48364	BALL SEAT	1	REPAIR
69	*52349	DRIVE PINION MOUNT	1	PART
70	42851-3	LOWER MOUNT PLATE	1	REPAIR PART
71		CIRCLE TURN CYLINDERS	REF.	SECTION 2 PAGE 8
72		CIRCLE TURN VALVE	REF.	SECTION 2 PAGE 10
73		CIRCLE SHIFT CYLINDER	REF.	SECTION 2 PAGE 12
74		BLADE LIFT CYLINDER	REF.	SECTION 3 PAGE 6
		MOVEABLE POINT DRAWBAR ASSEMBLY		
75	49796	BALL STUD	1	710 thru 730A
76	53027	DRAWBAR	1	710 thru 730A
77	52370	DRAWBAR	1	740/740A
78	45913	RUB PLATE	2	REPAIR PART
79	48408	BALL CAP	1	

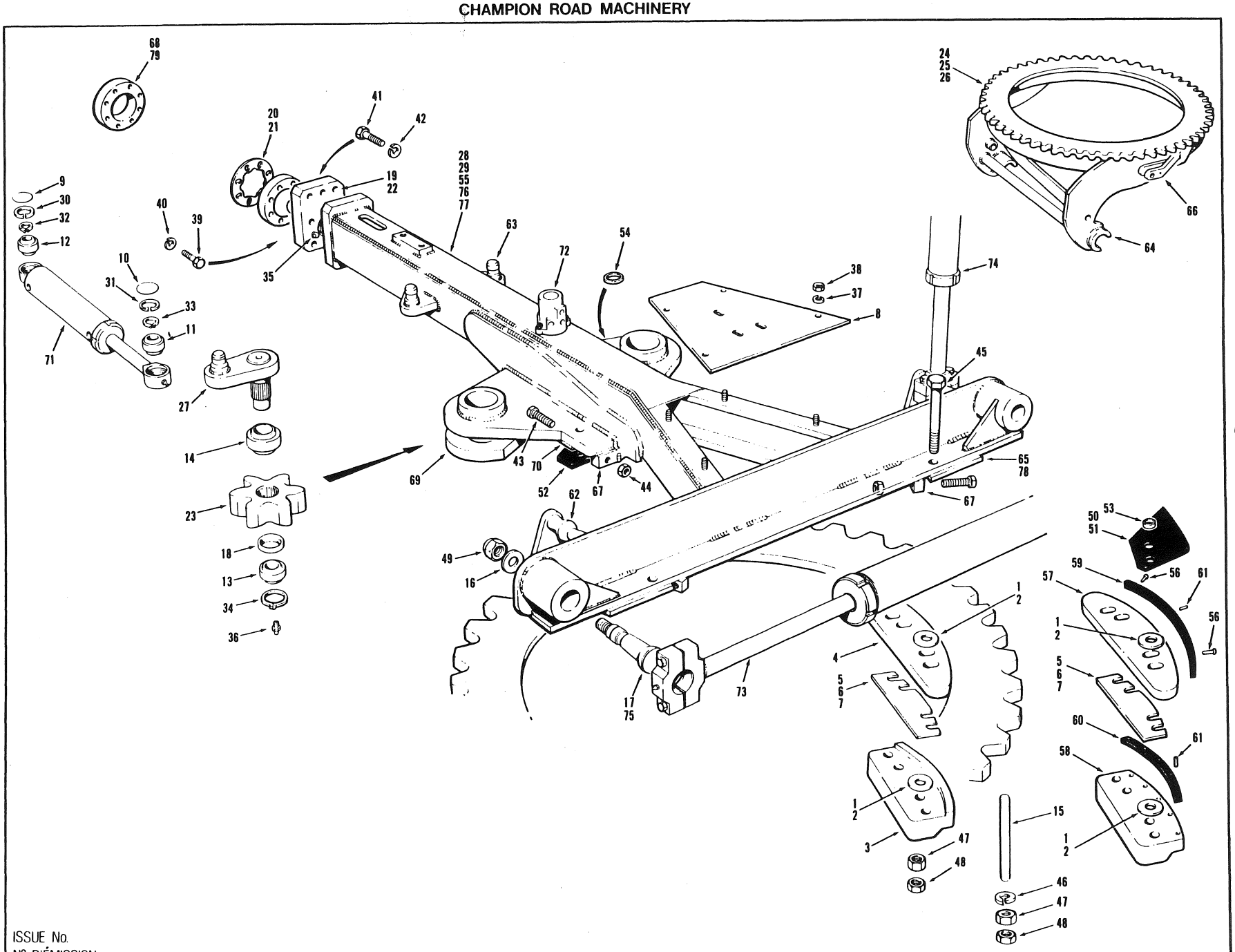
EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20652 to 20662, 20664 & UP

700 SERIES
SERIE 700

SECTION 2
SECCION

PAGE 3
PAGINA



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 7

CIRCLE & DRAWBAR ASSEMBLY - Models 710 thru 740A

MAY 1990

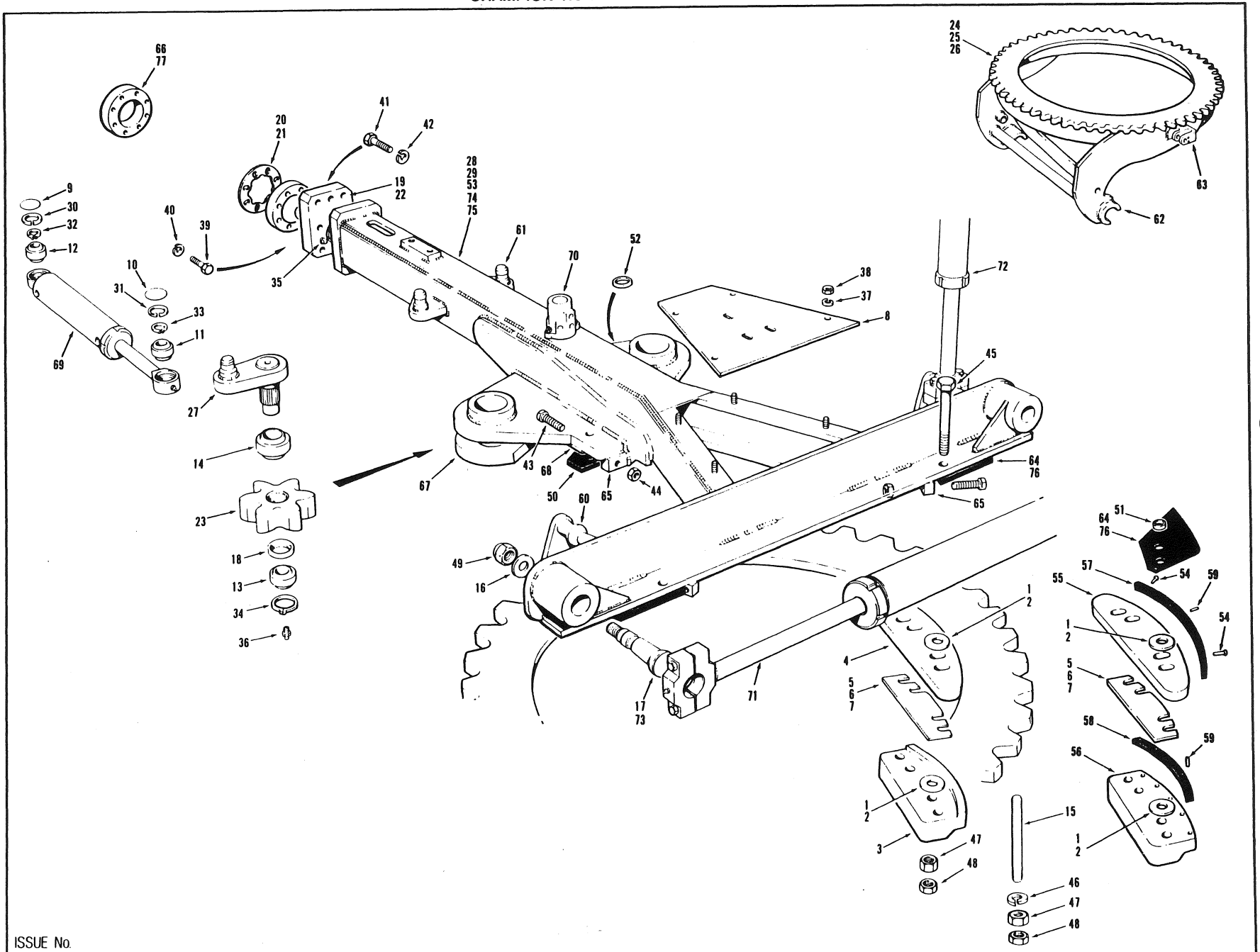
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

CIRCLE & DRAWBAR ASSEMBLY - Models 710 thru 740A

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
	33276	**GUIDE & CLAMP PLATE KIT - LIGHT & MEDIUM CIRCLES - INCLUDES ITEMS 1 TO 7**		
1	5670A	SHIM - .010"	A.R.	
2	5670B	SHIM - .020"	A.R.	
3	12082	CLAMP PLATE	3	
4	12086	GUIDE PLATE	3	
5	12119-10	SHIM - 10 GA.	A.R.	
6	12119-16	SHIM - 16 GA.	A.R.	
7	12119-20	SHIM - 20 GA.	A.R.	
8	12924	COVER PLATE	1	
9	15358	EXPANSION PLUG	2	
10	16507	EXPANSION PLUG	2	
11	18340	BEARING - 40 mm	2	
12	19629	BEARING - 35 mm	3	
13	19630	BEARING - 50 mm	2	
14	19631	BEARING - 70 mm	2	
15	24323	STUD	2	740/740A
16	25287	WASHER	1	
17	30203	BALL STUD	2	
18	42855	SPACER	2	
19	45752	BALL STUD	1	
20	48405	SHIM - .010"	A.R.	
21	48406	SHIM - .020"	A.R.	
22	48411	BALL STUD	1	740/740A
23	52118	CIRCLE DRIVE PINION	2	
24	52354	CIRCLE	1	710/710A
25	*54895	CIRCLE	1	720 thru 730A
26	*54896	CIRCLE	1	740/740A
27	52378	CIRCLE CRANK	2	
28	53025	DRAWBAR	1	710 thru 730A
29	53084	DRAWBAR	1	740/740A
30	19B-218	SNAP RING	2	
31	19B-244	SNAP RING	2	
32	19C-137	SNAP RING	2	
33	19C-156	SNAP RING	2	
34	19F-050	SNAP RING	2	
35	28A-04	GREASE FITTING	1	
36	29E-04	GREASE FITTING	2	
37	14A-08	LOCKWASHER	4	
38	30A-08	NUT	4	
39	51A-1020	BOLT	8	
40	14A-10	LOCKWASHER	8	
41	51A-1220	BOLT	8	
42	14A-12	LOCKWASHER	8	
43	70F-1664	SET SCREW	16	
44	30D-16	NUT	6	
45	50A-1864	BOLT	6	
46	14A-18	LOCKWASHER	6	
47	30A-18	NUT	A.R.	
48	30D-18	JAM NUT	A.R.	
49	37H-20	LOCKNUT	2	

No. Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		DURAMIDE COMPONENTS OPTIONAL ON MODELS 710 THRU 720A		
50	51604	DURAMIDE RUB PLATE	2	
51	51605	DURAMIDE RUB PLATE	2	Moveable Point Hi-Lift
52	51698	DURAMIDE FRONT PLATE	1	
53	52431	SPACER	4	
54	52432	SPACER	4	
55	53023	DRAWBAR	1	710 thru 720A
56	53063	CAPSCREW - BRASS	6	
57	54338	GUIDE PLATE	3	
58	54340	CLAMP PLATE	3	
59	54341	DURAMIDE BEARING PLATE	3	
60	54342	DURAMIDE BEARING PLATE	3	
61	54934	PIN - BRASS	30	
62	1495E	BALL PIN	2	
63	12954	ANCHOR PIVOT	2	REPAIR
64	14122-4	ARM PIVOT	2	PART
65	46344	RUB PLATE	1	
66	52401	STRADDLE MOUNT	2	
67	45714	SCREW BLOCK - FRONT & REAR	3	740/740A
68	48364	BALL SEAT	1	REPAIR
69	52349	DRIVE PINION MOUNT	1	PART
70	42851-3	LOWER MOUNT PLATE	1	REPAIR PART
71		CIRCLE TURN CYLINDERS	REF.	SECTION 2 PAGE 8
72		CIRCLE TURN VALVE	REF.	SECTION 2 PAGE 10
73		CIRCLE SHIFT CYLINDER	REF.	SECTION 2 PAGE 12
74		BLADE LIFT CYLINDER	REF.	SECTION 3 PAGE 6
		MOVEABLE POINT DRAWBAR ASSEMBLY		
75	49796	BALL STUD	1	710 thru 730A
76	53027	DRAWBAR	1	710 thru 730A
77	52370	DRAWBAR	1	740/740A
78	45913	RUB PLATE	2	REPAIR PART
79	48408	BALL CAP	1	



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21254 to 21282

700 SERIES
SERIE 700

SECTION 2 PAGE 3
SECCION 2 PAGINA 3

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 8 REVISION A

CIRCLE & DRAWBAR ASSEMBLY - Models 710 thru 740A

APRIL 1991

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

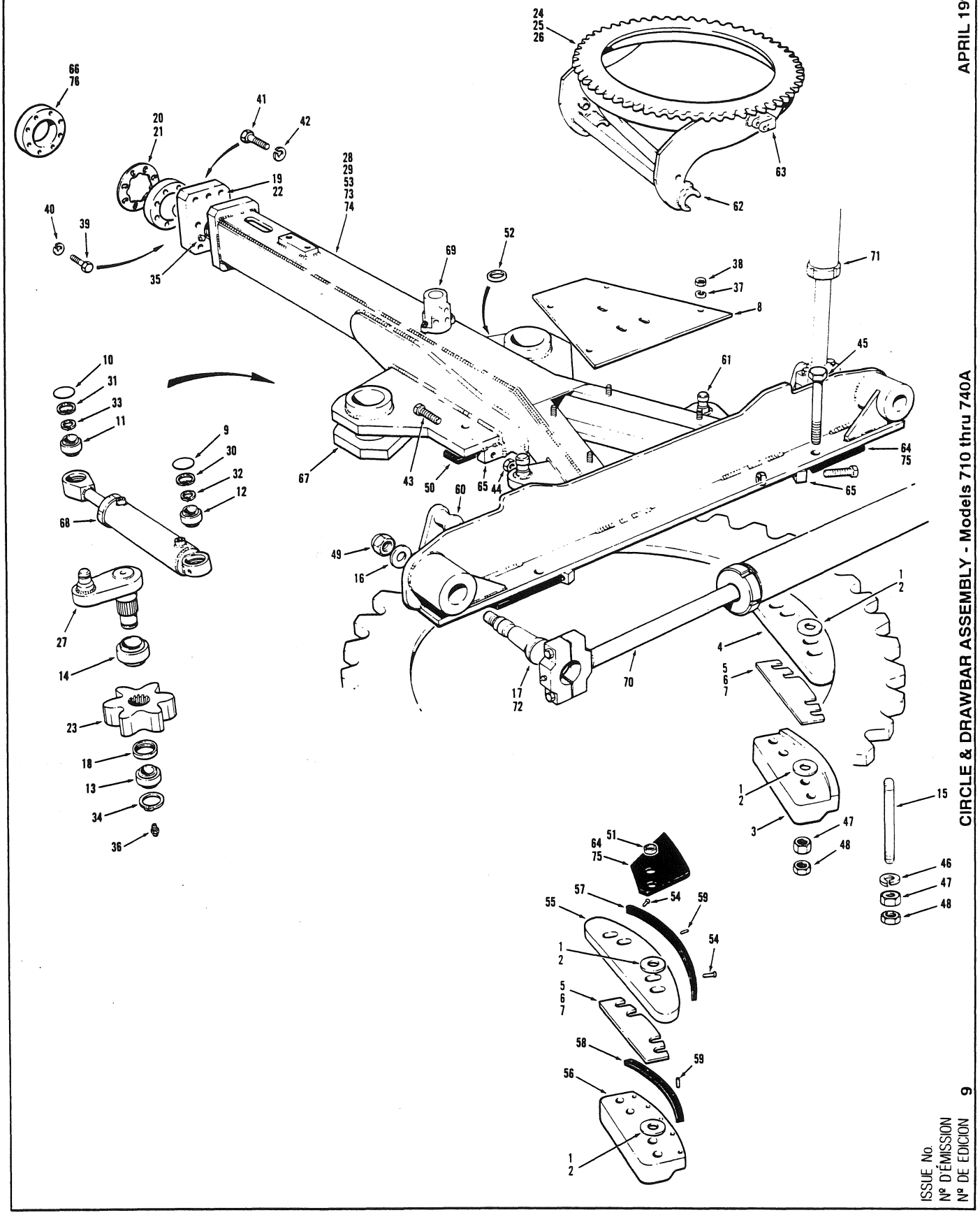
SECTION / SECCION **2** PAGE / PAGINA **4** ISSUE No. / N° D'ÉMISSION / N° DE EDICION **8 REVISION A**

CIRCLE & DRAWBAR ASSEMBLY - Models 710 thru 740A

APRIL 1991

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	33276	**GUIDE & CLAMP PLATE KIT** - LIGHT & MEDIUM CIRCLES - INCLUDES ITEMS 1 TO 7		
1	5670A	SHIM - .010"	14	
2	5670B	SHIM - .020"	30	
3	12082	CLAMP PLATE	3	710 thru 720A
4	12086	GUIDE PLATE	3	710 thru 720A
5	12119-10	SHIM - 10 GA.	6	
6	12119-16	SHIM - 16 GA.	10	
7	12119-20	SHIM - 20 GA.	6	
8	12924	COVER PLATE	1	
9	15358	EXPANSION PLUG	2	
10	16507	EXPANSION PLUG	2	
11	18340	BEARING - 40 mm	2	
12	19629	BEARING - 35 mm	3	
13	19630	BEARING - 50 mm	2	
14	19631	BEARING - 70 mm	2	
15	24323	STUD	2	740/740A
16	25287	WASHER	1	
17	30203	BALL STUD	2	
18	42855	SPACER	2	
19	45752	BALL STUD	1	
20	48405	SHIM - .010"	6	
21	48406	SHIM - .020"	4	
22	48411	BALL STUD	1	740/740A
23	52118	CIRCLE DRIVE PINION	2	
24	52354	CIRCLE	1	710/710A
25	59034	CIRCLE	1	720 thru 730A
26	59035	CIRCLE	1	740/740A
27	59090	CIRCLE CRANK	2	
28	*53025	DRAWBAR	1	710 thru 730A
29	*53084	DRAWBAR	1	740/740A
30	19B-218	SNAP RING	2	
31	19B-244	SNAP RING	2	
32	19C-137	SNAP RING	2	
33	19C-156	SNAP RING	2	
34	19F-050	SNAP RING	2	
35	28A-04	GREASE FITTING	1	
36	29E-04	GREASE FITTING	2	
37	14A-08	LOCKWASHER	4	
38	30A-08	NUT	4	
39	51A-1020	BOLT	8	
40	14A-10	LOCKWASHER	8	
41	51A-1220	BOLT	8	
42	14A-12	LOCKWASHER	8	
43	70F-1664	SET SCREW	16	
44	30D-16	NUT	6	
45	50A-1864	BOLT	6	
46	14A-18	LOCKWASHER	6	
47	30A-18	NUT	6	
48	30D-18	JAM NUT	6	
49	37H-20	LOCKNUT	2	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		DURAMIDE COMPONENTS OPTIONAL ON MODELS 710 thru 720A STANDARD ON MODELS 730 thru 740A		
50	51698	DURAMIDE FRONT PLATE	1	
51	52431	SPACER	4	
52	52432	SPACER	4	
53	*53023	DRAWBAR	1	710 thru 720A
54	53063	CAPSCREW - BRASS	6	
55	54338	GUIDE PLATE	3	
56	54340	CLAMP PLATE	3	
57	54341	DURAMIDE BEARING PLATE	3	
58	54342	DURAMIDE BEARING PLATE	3	
59	54934	PIN - BRASS	30	
60	1495E	BALL PIN	2	
61	12954	ANCHOR PIVOT	2	
62	*58400	ARM PIVOT	2	Repair Part
63	*59013	STRADDLE MOUNT	2	
64	*51604	DURAMIDE RUB PLATE	2	
65	45714	SCREW BLOCK - FRONT & REAR	3	740/740A
66	48364	BALL SEAT	1	Repair
67	52349	DRIVE PINION MOUNT	1	Part
68	42851-3	LOWER MOUNT PLATE	1	Repair Part
69		CIRCLE TURN CYLINDERS	REF.	Sect 2 Pg 7
70		CIRCLE TURN VALVE	REF.	Sect 2 Pg 9
71		CIRCLE SHIFT CYLINDER	REF.	Sect 2 Pg 11
72		BLADE LIFT CYLINDER	REF.	Sect 3 Pg 5
		MOVEABLE POINT DRAWBAR ASSEMBLY		
73	49796	BALL STUD	1	710 thru 730A
74	*53027	DRAWBAR	1	710 thru 730A
75	*52370	DRAWBAR	1	740/740A
76	*51605	DURAMIDE RUB PLATE	2	
77	48408	BALL CAP	1	



APRIL 1991

CIRCLE & DRAWBAR ASSEMBLY - Models 710 thru 740A

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

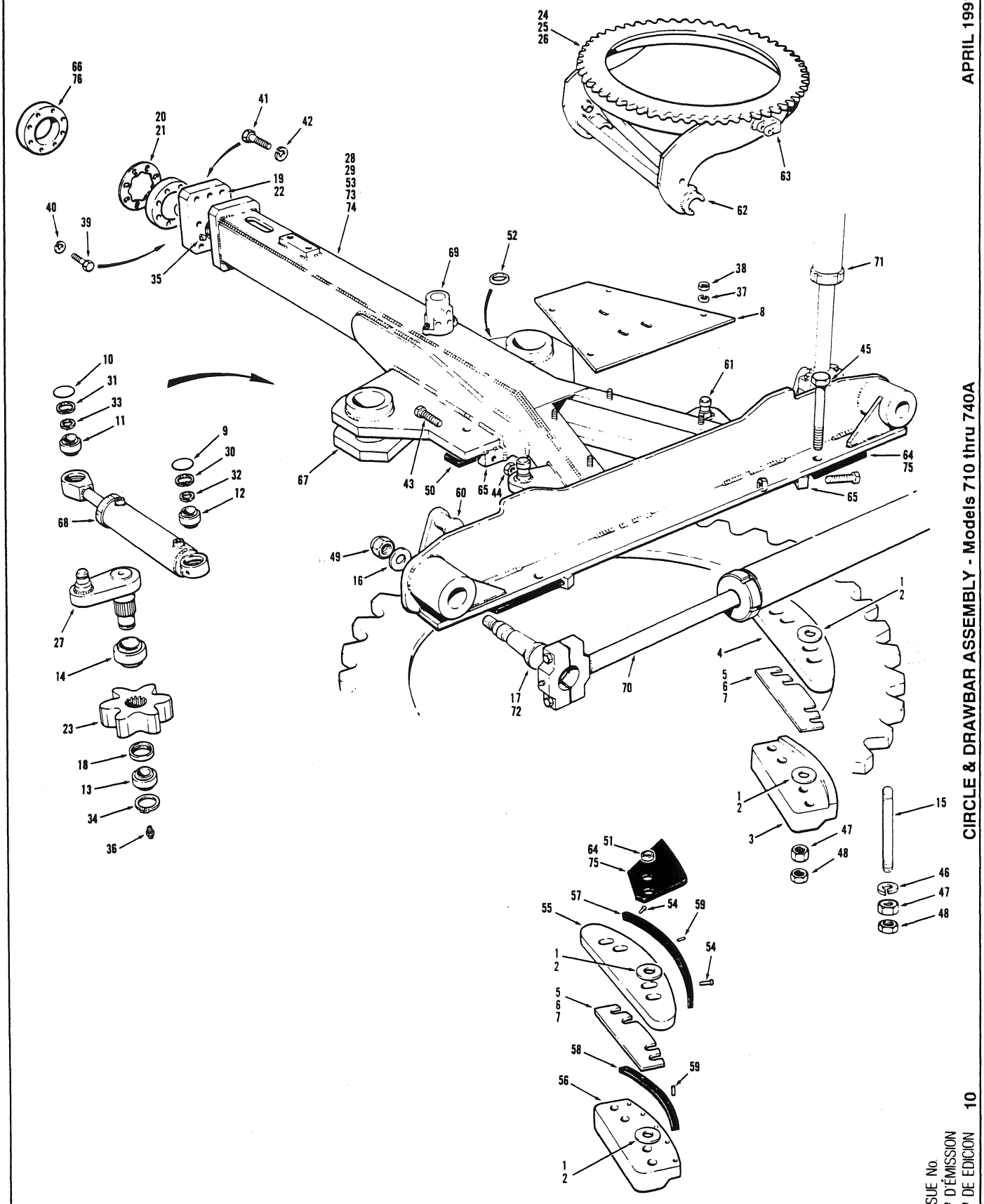
ISSUE No. 9
Nº D'ÉMISSION
Nº DE EDICION

EFFECTIVE SERIAL NUMBER(S) 21283 to 21480
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No.	PART No.	DESCRIPTION	No. REQ.	REMARKS
	33276	**GUIDE & CLAMP PLATE KIT** - LIGHT & MEDIUM CIRCLES - INCLUDES ITEMS 1 TO 7		
1	5670A	SHIM - .010"	14	
2	5670B	SHIM - .020"	30	
3	12082	CLAMP PLATE	3	710 thru 720A
4	12086	GUIDE PLATE	3	710 thru 720A
5	12119-10	SHIM - 10 GA.	6	
6	12119-16	SHIM - 16 GA.	10	
7	12119-20	SHIM - 20 GA.	6	
8	12924	COVER PLATE	1	
9	15358	EXPANSION PLUG	2	
10	16507	EXPANSION PLUG	2	
11	18340	BEARING - 40 mm	2	
12	19629	BEARING - 35 mm	3	
13	19630	BEARING - 50 mm	2	
14	19631	BEARING - 70 mm	2	
15	24323	STUD	2	740/740A
16	25287	WASHER	1	
17	30203	BALL STUD	2	
18	42855	SPACER	2	
19	45752	BALL STUD	1	
20	48405	SHIM - .010"	6	
21	48406	SHIM - .020"	4	
22	48411	BALL STUD	1	740/740A
23	52118	CIRCLE DRIVE PINION	2	
24	52354	CIRCLE	1	710/710A
25	59034	CIRCLE	1	720 thru 730A
26	59035	CIRCLE	1	740/740A
27	59090	CIRCLE CRANK	2	
28	*58401	DRAWBAR	1	710 thru 730A
29	*57549	DRAWBAR	1	740/740A
30	19B-218	SNAP RING	2	
31	19B-244	SNAP RING	2	
32	19C-137	SNAP RING	2	
33	19C-156	SNAP RING	2	
34	19F-050	SNAP RING	2	
35	28A-04	GREASE FITTING	1	
36	29E-04	GREASE FITTING	2	
37	14A-08	LOCKWASHER	4	
38	30A-08	NUT	4	
39	51A-1020	BOLT	8	
40	14A-10	LOCKWASHER	8	
41	51A-1220	BOLT	8	
42	14A-12	LOCKWASHER	8	
43	70F-1664	SET SCREW	16	
44	30D-16	NUT	6	
45	50A-1864	BOLT	6	
46	14A-18	LOCKWASHER	6	
47	30A-18	NUT	6	
48	30D-18	JAM NUT	6	
49	37H-20	LOCKNUT	2	

No.	PART No.	DESCRIPTION	No. REQ.	REMARKS
		DURAMIDE COMPONENTS OPTIONAL ON MODELS 710 thru 720A STANDARD ON MODELS 730 thru 740A		
50	51698	DURAMIDE FRONT PLATE	1	
51	52431	SPACER	4	
52	52432	SPACER	4	
53	*57554	DRAWBAR	1	710 thru 720A
54	53063	CAPSCREW - BRASS	6	
55	54338	GUIDE PLATE	3	
56	54340	CLAMP PLATE	3	
57	54341	DURAMIDE BEARING PLATE	3	
58	54342	DURAMIDE BEARING PLATE	3	
59	54934	PIN - BRASS	30	
60	1495E	BALL PIN	2	
61	12954	ANCHOR PIVOT	2	
62	58400	ARM PIVOT	2	Repair Part
63	59013	STRADDLE MOUNT	2	
64	51604	DURAMIDE RUB PLATE	2	
65	45714	SCREW BLOCK - FRONT & REAR	3	740/740A
66	48364	BALL SEAT	1	Repair
67	52349	DRIVE PINION MOUNT	1	Part
68		CIRCLE TURN CYLINDERS	REF.	Sect 2 Pg 7
69		CIRCLE TURN VALVE	REF.	Sect 2 Pg 9
70		CIRCLE SHIFT CYLINDER	REF.	Sect 2 Pg 11
71		BLADE LIFT CYLINDER	REF.	Sect 3 Pg 5
		MOVEABLE POINT DRAWBAR ASSEMBLY		
72	49796	BALL STUD	1	710 thru 730A
73	*58431	DRAWBAR	1	710 thru 730A
74	*58344	DRAWBAR	1	740/740A
75	51605	DURAMIDE RUB PLATE	2	
76	48408	BALL CAP	1	



APRIL 1991

CIRCLE & DRAWBAR ASSEMBLY - Models 710 thru 740A

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ISSUE No.
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NUMERO(S) DE SERIE EFECTIVO(S)

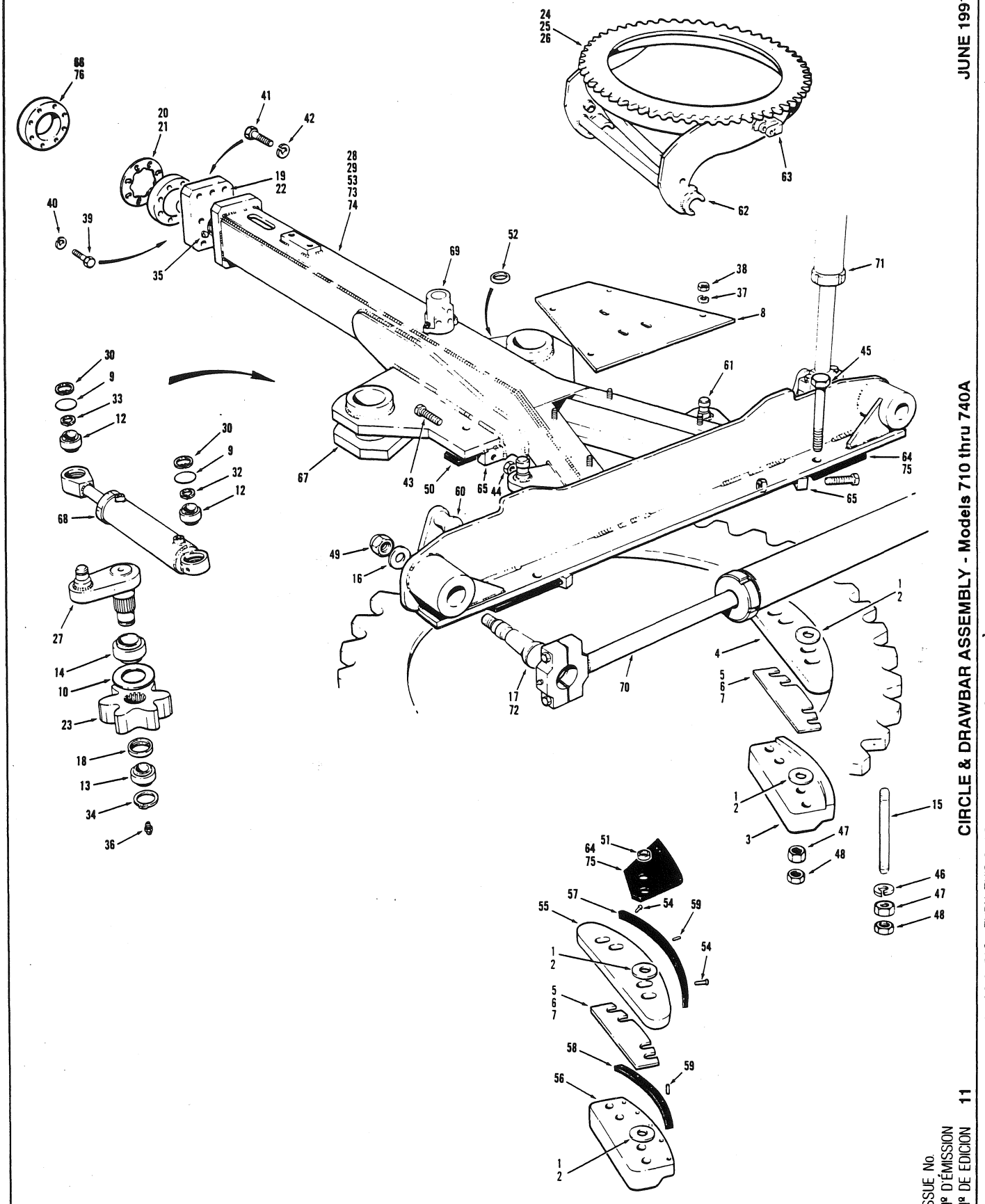
21481 & UP

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

CIRCLE & DRAWBAR ASSEMBLY - Models 710 thru 740A

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	33276	**GUIDE & CLAMP PLATE KIT** - LIGHT & MEDIUM CIRCLES - INCLUDES ITEMS 1 TO 7		
1	5670A	SHIM - .010"	14	
2	5670B	SHIM - .020"	30	
3	12082	CLAMP PLATE	3	710 thru 720A
4	12086	GUIDE PLATE	3	710 thru 720A
5	12119-10	SHIM - 10 GA.	6	
6	12119-16	SHIM - 16 GA.	10	
7	12119-20	SHIM - 20 GA.	6	
8	12924	COVER PLATE	1	
9	15358	EXPANSION PLUG	2	
10	16507	EXPANSION PLUG	2	
11	18340	BEARING - 40 mm	2	
12	19629	BEARING - 35 mm	3	
13	19630	BEARING - 50 mm	2	
14	19631	BEARING - 70 mm	2	
15	24323	STUD	2	740/740A
16	25287	WASHER	1	
17	30203	BALL STUD	2	
18	42855	SPACER	2	
19	45752	BALL STUD	1	
20	48405	SHIM - .010"	6	
21	48406	SHIM - .020"	4	
22	48411	BALL STUD	1	740/740A
23	52118	CIRCLE DRIVE PINION	2	
24	*58790	CIRCLE	1	710/710A
25	*58782	CIRCLE	1	720 thru 730A
26	*58783	CIRCLE	1	740/740A
27	59090	CIRCLE CRANK	2	
28	58401	DRAWBAR	1	710 thru 730A
29	57549	DRAWBAR	1	740/740A
30	19B-218	SNAP RING	2	
31	19B-244	SNAP RING	2	
32	19C-137	SNAP RING	2	
33	19C-156	SNAP RING	2	
34	19F-050	SNAP RING	2	
35	28A-04	GREASE FITTING	1	
36	29E-04	GREASE FITTING	2	
37	14A-08	LOCKWASHER	4	
38	30A-08	NUT	4	
39	51A-1020	BOLT	8	
40	14A-10	LOCKWASHER	8	
41	51A-1220	BOLT	8	
42	14A-12	LOCKWASHER	8	
43	70F-1664	SET SCREW	16	
44	30D-16	NUT	6	
45	50A-1864	BOLT	6	
46	14A-18	LOCKWASHER	6	
47	30A-18	NUT	6	
48	30D-18	JAM NUT	6	
49	37H-20	LOCKNUT	2	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		DURAMIDE COMPONENTS OPTIONAL ON MODELS 710 thru 720A STANDARD ON MODELS 730 thru 740A		
50	51698	DURAMIDE FRONT PLATE	1	
51	52431	SPACER	4	
52	52432	SPACER	4	
53	57554	DRAWBAR	1	710 thru 720A
54	53063	CAPSCREW - BRASS	6	
55	54338	GUIDE PLATE	3	
56	54340	CLAMP PLATE	3	
57	54341	DURAMIDE BEARING PLATE	3	
58	54342	DURAMIDE BEARING PLATE	3	
59	54934	PIN - BRASS	30	
60	1495E	BALL PIN	2	
61	12954	ANCHOR PIVOT	2	
62	58400	ARM PIVOT	2	Repair Part
63	59013	STRADDLE MOUNT	2	
64	51604	DURAMIDE RUB PLATE	2	
65	45714	SCREW BLOCK - FRONT & REAR	3	740/740A
66	48364	BALL SEAT	1	Repair
67	52349	DRIVE PINION MOUNT	1	Part
68		CIRCLE TURN CYLINDERS	REF.	Sect 2 Pg 7
69		CIRCLE TURN VALVE	REF.	Sect 2 Pg 9
70		CIRCLE SHIFT CYLINDER	REF.	Sect 2 Pg 11
71		BLADE LIFT CYLINDER	REF.	Sect 3 Pg 5
		MOVEABLE POINT DRAWBAR ASSEMBLY		
72	49796	BALL STUD	1	710 thru 730A
73	58431	DRAWBAR	1	710 thru 730A
74	58344	DRAWBAR	1	740/740A
75	51605	DURAMIDE RUB PLATE	2	
76	48408	BALL CAP	1	



CHAMPION ROAD MACHINERY

JUNE 1991

CIRCLE & DRAWBAR ASSEMBLY - Models 710 thru 740A

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ISSUE No. 11
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Nº DE EDICION

EFFECTIVE SERIAL NUMBER(S) 21647 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S) EXCLUDING 21649, 21687,
NUMERO(S) DE SERIE EFECTIVO(S) & 21688

700 SERIES
SERIE 700

SECTION 2 PAGE 3
SECCION PAGINA

CIRCLE & DRAWBAR ASSEMBLY - Models 710 thru 740A

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
	33276	**GUIDE & CLAMP PLATE KIT - LIGHT & MEDIUM CIRCLES - INCLUDES ITEMS 1 TO 7**		
1	5670A	SHIM - .010"	14	
2	5670B	SHIM - .020"	30	
3	12082	CLAMP PLATE	3	710 thru 720A
4	12086	GUIDE PLATE	3	710 thru 720A
5	12119-10	SHIM - 10 GA.	6	
6	12119-16	SHIM - 16 GA.	10	
7	12119-20	SHIM - 20 GA.	6	
8	12924	COVER PLATE	1	
9	*59030	EXPANSION PLUG	4	
10	*58963	SPACER	2	
12	19629	BEARING - 35 mm	4	
13	19630	BEARING - 50 mm	2	
14	19631	BEARING - 70 mm	2	
15	24323	STUD	2	740/740A
16	25287	WASHER	1	
17	30203	BALL STUD	2	
18	42855	SPACER	2	
19	45752	BALL STUD	1	
20	48405	SHIM - .010"	6	
21	48406	SHIM - .020"	4	
22	48411	BALL STUD	1	740/740A
23	52118	CIRCLE DRIVE PINION	2	
24	58790	CIRCLE	1	710/710A
25	58782	CIRCLE	1	720 thru 730A
26	58783	CIRCLE	1	740/740A
27	59090	CIRCLE CRANK	2	
28	58401	DRAWBAR	1	710 thru 730A
29	57549	DRAWBAR	1	740/740A
30	19B-250	SNAP RING	4	
32	19C-137	SNAP RING	2	
33	19C-156	SNAP RING	2	
34	19F-050	SNAP RING	2	
35	28A-04	GREASE FITTING	1	
36	29E-04	GREASE FITTING	2	
37	14A-08	LOCKWASHER	4	
38	30A-08	NUT	4	
39	51A-1020	BOLT	8	
40	14A-10	LOCKWASHER	8	
41	51A-1220	BOLT	8	
42	14A-12	LOCKWASHER	8	
43	70F-1664	SET SCREW	16	
44	30D-16	NUT	6	
45	50A-1864	BOLT	6	
46	14A-18	LOCKWASHER	6	
47	30A-18	NUT	6	
48	30D-18	JAM NUT	6	
49	37H-20	LOCKNUT	2	

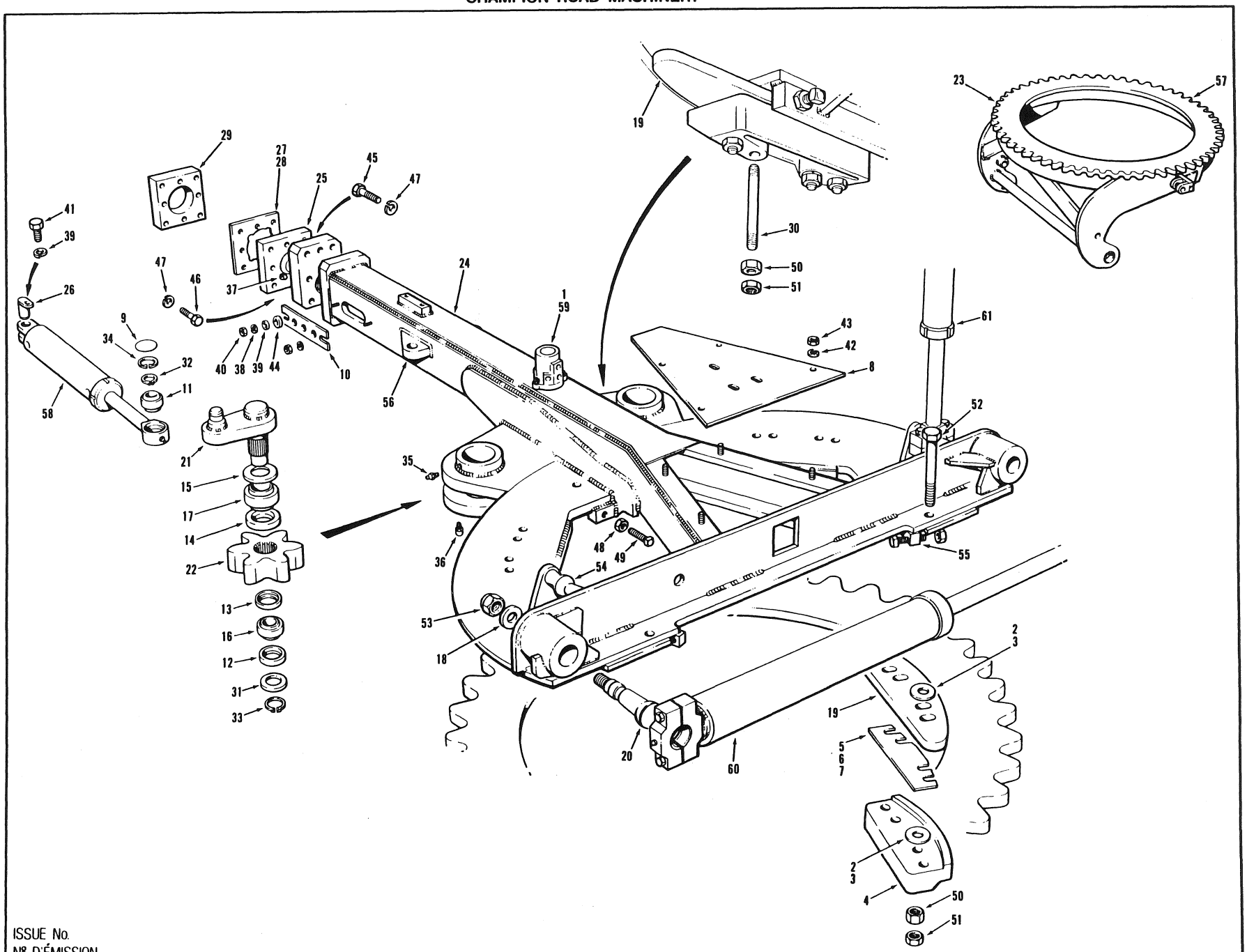
No. Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		DURAMIDE COMPONENTS OPTIONAL ON MODELS 710 thru 720A STANDARD ON MODELS 730 thru 740A		
50	51698	DURAMIDE FRONT PLATE	1	
51	52431	SPACER	4	
52	52432	SPACER	4	
53	57554	DRAWBAR	1	710 thru 720A
54	53063	CAPSCREW - BRASS	6	
55	54338	GUIDE PLATE	3	
56	54340	CLAMP PLATE	3	
57	54341	DURAMIDE BEARING PLATE	3	
58	54342	DURAMIDE BEARING PLATE	3	
59	54934	PIN - BRASS	30	
60	1495E	BALL PIN	2	
61	12954	ANCHOR PIVOT	2	
62	58400	ARM PIVOT	2	Repair Part
63	59013	STRADDLE MOUNT	2	
64	51604	DURAMIDE RUB PLATE	2	
65	45714	SCREW BLOCK - FRONT & REAR	3	740/740A
66	48364	BALL SEAT	1	Repair
67	52349	DRIVE PINION MOUNT	1	Part
68		CIRCLE TURN CYLINDERS	REF.	Sect 2 Pg 7
69		CIRCLE TURN VALVE	REF.	Sect 2 Pg 9
70		CIRCLE SHIFT CYLINDER	REF.	Sect 2 Pg 11
71		BLADE LIFT CYLINDER	REF.	Sect 3 Pg 5
		MOVEABLE POINT DRAWBAR ASSEMBLY		
72	49796	BALL STUD	1	710 thru 730A
73	58431	DRAWBAR	1	710 thru 730A
74	58344	DRAWBAR	1	740/740A
75	51605	DURAMIDE RUB PLATE	2	
76	48408	BALL CAP	1	

EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 2
SECCION
PAGE 5
PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS



ISSUE No.
Nº D'ÉMISSION
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CIRCLE & DRAWBAR ASSEMBLY - MODEL 740 THRU 760 - OPTIONAL

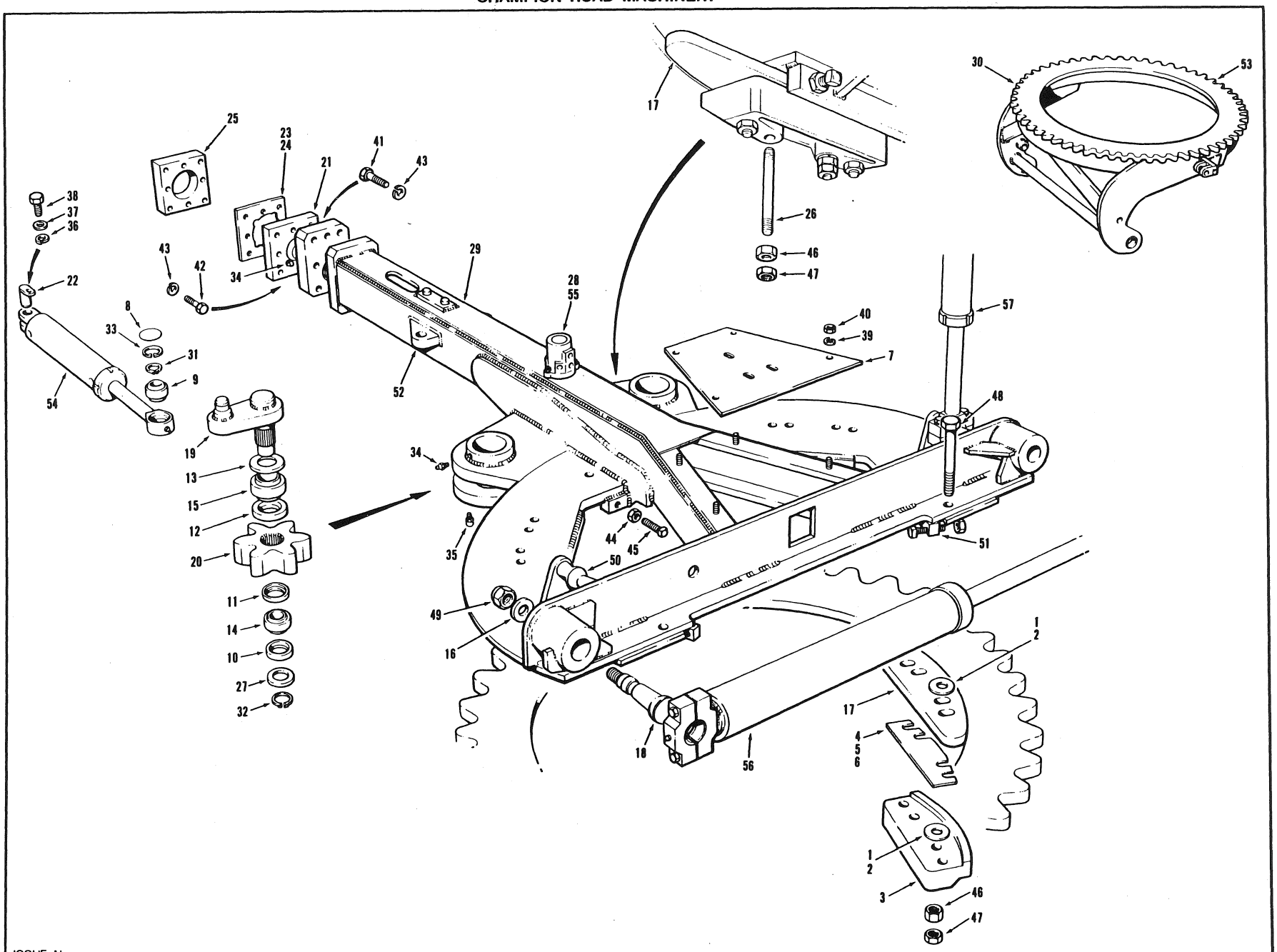
OCTOBER 1984

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

CIRCLE & DRAWBAR ASSEMBLY - MODEL 740 THRU 760 - OPTIONAL

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	37007	SHIM - CIRCLE TURN VALVE	A.R.	
2	5670A	SHIM - .010"	A.R.	
3	5670B	SHIM - .020"	A.R.	
4	12082	CLAMP PLATE	5	
5	12119-10	SHIM - 10 Ga.	A.R.	
6	12119-16	SHIM - 16 Ga.	A.R.	
7	12119-20	SHIM - 20 Ga.	A.R.	
8	12924	COVER	1	
9	16507	EXPANSION PLUG	2	
10	17521	MOUNTING PLATE	2	
11	18340	PLAIN BEARING - 40mm	2	
12	19156	BEARING SEAL - BOTTOM - 70mm	2	
13	19157	BEARING SEAL - TOP - 50mm	2	
14	19158	BEARING SEAL - BOTTOM - 50mm	2	
15	19159	BEARING SEAL - TOP - 70mm	2	
16	19630	PLAIN BEARING - 50mm	2	
17	19631	PLAIN BEARING - 70mm	2	
18	25287	WASHER - SPECIAL	2	
19	30070	CIRCLE GUIDE PLATE	5	
20	30203	BALL STUD	1	
21	30217	CIRCLE CRANK ARM	2	
22	30218	CIRCLE DRIVE PINION	2	
23	32064	HEAVY CIRCLE ASSY.	1	
24	32065	DRAWBAR ASSY.	1	
25	32071	BALL STUD - LONG	1	
26	32118	PIN	2	
27	32140	SHIM - .010"	A.R.	
28	32141	SHIM - .020"	A.R.	
29	32394	DRAWBAR BALL SEAT	1	
30	34803	STUD - FRONT MOUNT PLATE	2	
31	35092	RETAINER WASHER	2	
32	19C-156	SNAP RING	2	
33	19F-050	SNAP RING	2	
34	19B-244	SNAP RING	2	
35	29A-02	GREASE FITTING	4	
36	29A-04	GREASE FITTING	2	
37	29B-02	GREASE FITTING	1	
38	14A-06	LOCKWASHER	4	
39	14C-06	FLATWASHER	6	
40	30A-06	NUT	4	
41	50A-0606	BOLT	2	
42	14A-08	LOCKWASHER	4	
43	30A-08	NUT	4	
44	14C-08	FLATWASHER	4	
45	51A-1228	BOLT	8	
46	51A-1232	BOLT	8	
47	14A-12	LOCKWASHER	16	
48	30D-16	JAM NUT	10	
49	70F-1664	SET SCREW	10	
50	30A-18	NUT	A.R.	
51	30D-18	JAM NUT	A.R.	
52	50A-1864	BOLT	A.R.	
53	37H-20	LOCKNUT	2	
54	1495E	BALL PIN	A.R.	REPAIR PARTS
55	14117-19	SCREW BLOCK	A.R.	REPAIR PARTS
56	26954	LUG - CIRCLE TURN CYLINDER	A.R.	REPAIR PARTS
57	27577	6 TOOTH SEGMENT	A.R.	REPAIR PARTS
58		CIRCLE TURN CYLINDER	REF.	SECTION 2 PAGES 7/8
59		CIRCLE TURN VALVE	REF.	SECTION 2 PAGES 9/10
60		CIRCLE SHIFT CYLINDER	REF.	SECTION 2 PAGES 11/12
61		BLADE LIFT CYLINDER	REF.	SECTION 3 PAGES 5/6



EFFECTIVE SERIAL NUMBER(S) 16886,16887 & 16894 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2472-2 & UP

700 SERIES
SERIE 700

SECTION 2
SECCION 2
PAGE 5
PAGINA 5

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION A

CIRCLE & DRAWBAR ASSEMBLY - 740 THRU 760 - OPTIONAL

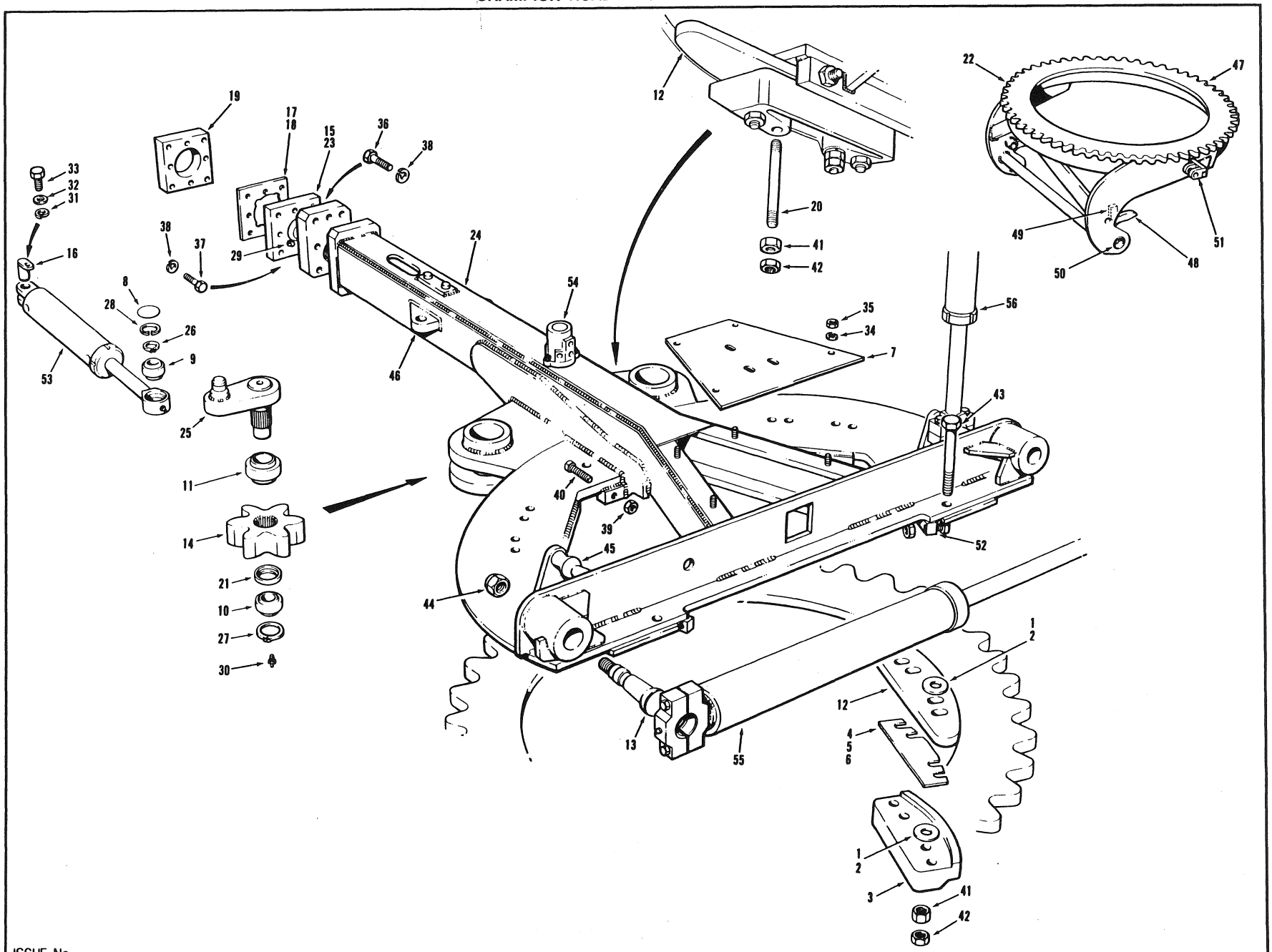
SEPTEMBER 1986

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

SECTION / SECCION 2 PAGE / PAGINA 6 ISSUE No. / N° D'ÉMISSION / N° DE EDICION

2 REVISION A CIRCLE & DRAWBAR ASSEMBLY - MODEL 740 THRU 760 - OPTIONAL SEPTEMBER 1986

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	5670A	SHIM - .010"	A.R.	
2	5670B	SHIM - .020"	A.R.	
3	12082	CLAMP PLATE	5	
4	12119-10	SHIM - 10 GA.	A.R.	
5	12119-16	SHIM - 16 GA.	A.R.	
6	12119-20	SHIM - 20 GA.	A.R.	
7	12924	COVER	1	
8	16507	EXPANSION PLUG	2	
9	18340	PLAIN BEARING - 40mm	2	
10	19156	BEARING SEAL - BOTTOM - 70mm	2	
11	19157	BEARING SEAL - TOP - 50mm	2	
12	19158	BEARING SEAL - BOTTOM - 50mm	2	
13	19159	BEARING SEAL - TOP - 70mm	2	
14	19630	PLAIN BEARING - 50mm	2	
15	19631	PLAIN BEARING - 70mm	2	
16	25287	WASHER - SPECIAL	2	
17	30070	CIRCLE GUIDE PLATE	5	
18	30203	BALL STUD	1	
19	30217	CIRCLE CRANK ARM	2	
20	30218	CIRCLE DRIVE PINION	2	
21	32071	BALL STUD - LONG	1	
22	32118	PIN	2	
23	32140	SHIM - .010"	A.R.	
24	32141	SHIM - .020"	A.R.	
25	32394	DRAWBAR BALL SEAT	1	
26	34803	STUD - FRONT MOUNT PLATE	2	
27	35092	RETAINER WASHER	2	
28	41384	SHIM - CIRCLE TURN VALVE	A.R.	
29	42011	DRAWBAR ASSY.	1	
30	42429	HEAVY CIRCLE ASSY.	1	
31	19C-156	SNAP RING	2	
32	19F-050	SNAP RING	2	
33	19B-244	SNAP RING	2	
34	29A-02	GREASE FITTING	4	
35	29A-04	GREASE FITTING	2	
36	14A-06	LOCKWASHER	2	
37	14C-06	FLATWASHER	2	
38	50A-0606	BOLT	2	
39	14A-08	LOCKWASHER	4	
40	30A-08	NUT	4	
41	51A-1228	BOLT	8	
42	51A-1232	BOLT	8	
43	14A-12	LOCKWASHER	16	
44	30D-16	JAM NUT	10	
45	70F-1664	SET SCREW	10	
46	30A-18	NUT	4	
47	30D-18	JAM NUT	4	
48	50A-1864	BOLT	2	
49	37H-20	LOCKNUT	2	
50	1495E	BALL PIN	A.R.	REPAIR PARTS
51	14117-19	SCREW BLOCK	A.R.	
52	26954	LUG - CIRCLE TURN CYLINDER	A.R.	
53	27577	6 TOOTH SEGMENT	A.R.	
54		CIRCLE TURN CYLINDER	REF.	SECTION 2 PAGE 8
55		CIRCLE TURN VALVE	REF.	SECTION 2 PAGE 10
56		CIRCLE SHIFT CYLINDER	REF.	SECTION 2 PAGE 12
57		BLADE LIFT CYLINDER	REF.	SECTION 3 PAGE 6



EFFECTIVE SERIAL NUMBER(S) 18029 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 2 PAGE 5
SECCION 2 PAGINA 5

USE ONLY CHAMPION ROAD EQUIPMENT APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3 REVISION C

CIRCLE & DRAWBAR ASSEMBLY - MODELS 750 THRU 780A

FEBRUARY 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

SECTION / SECCION 2 | PAGE / PAGINA 6 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 3 REVISION C

CIRCLE & DRAWBAR ASSEMBLY - MODELS 750 THRU 780A

FEBRUARY 1989

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	5670A	SHIM - .010"	A.R.	
2	5670B	SHIM - .020"	A.R.	
3	12082	CLAMP PLATE	5	
4	12119-10	SHIM - 10 GA.	A.R.	
5	12119-16	SHIM - 16 GA.	A.R.	
6	12119-20	SHIM - 20 GA.	A.R.	
7	12924	COVER	1	
8	16507	EXPANSION PLUG	2	
9	18340	PLAIN BEARING - 40mm	2	
10	19630	PLAIN BEARING - 50mm	2	
11	19631	PLAIN BEARING - 70mm	2	
12	30070	CIRCLE GUIDE PLATE	5	
13	*49796	BALL STUD	2	
14	30218	CIRCLE DRIVE PINION	2	
15	32071	BALL STUD - LONG	1	
16	32118	PIN	2	
17	32140	SHIM - .010"	A.R.	
18	32141	SHIM - .020"	A.R.	
19	32394	DRAWBAR BALL SEAT	1	
20	34803	STUD - FRONT MOUNT PLATE	2	
21	42855	SPACER	2	
22	44407	HEAVY CIRCLE ASSY.	1	
23	44588	BALL STUD - SHORT - SPECIAL - R.H. WING	1	780A
24	44750	DRAWBAR ASSY.	1	
25	45743	CIRCLE CRANK ARM	2	
26	19C-156	SNAP RING	2	
27	19F-050	SNAP RING	2	
28	19B-244	SNAP RING	2	
29	29D-02	GREASE FITTING	1	
30	29E-04	GREASE FITTING	2	
31	14A-06	LOCKWASHER	2	
32	14C-06	FLATWASHER	2	
33	50A-0606	BOLT	2	
34	14A-08	LOCKWASHER	4	
35	30A-08	NUT	4	
36	51A-1228	BOLT	8	
37	51A-1232	BOLT	8	
38	14A-12	LOCKWASHER	16	
39	30D-16	JAM NUT	10	
40	70F-1664	SET SCREW	10	
41	30A-18	NUT	16	
42	30D-18	JAM NUT	16	
43	50A-1864	BOLT	14	
44	37H-20	LOCKNUT	2	
45	1495E	BALL PIN	A.R.	
46	26954	LUG - CIRCLE TURN CYLINDER	A.R.	
47	27577	6 TOOTH SEGMENT	A.R.	
48	30493	STONE GUARD	2	REPAIR
49	32064-11	STOP BLOCK	2	PARTS
50	42437	BUSHING	2	
51	42790	MOUNTING LUG	2	
52	45714	SCREW BLOCK	A.R.	
53		CIRCLE TURN CYLINDER	REF.	SECTION 2 PAGE 8
54		CIRCLE TURN VALVE	REF.	SECTION 2 PAGE 10
55		CIRCLE SHIFT CYLINDER	REF.	SECTION 2 PAGE 12
56		BLADE LIFT CYLINDER	REF.	SECTION 3 PAGE 6

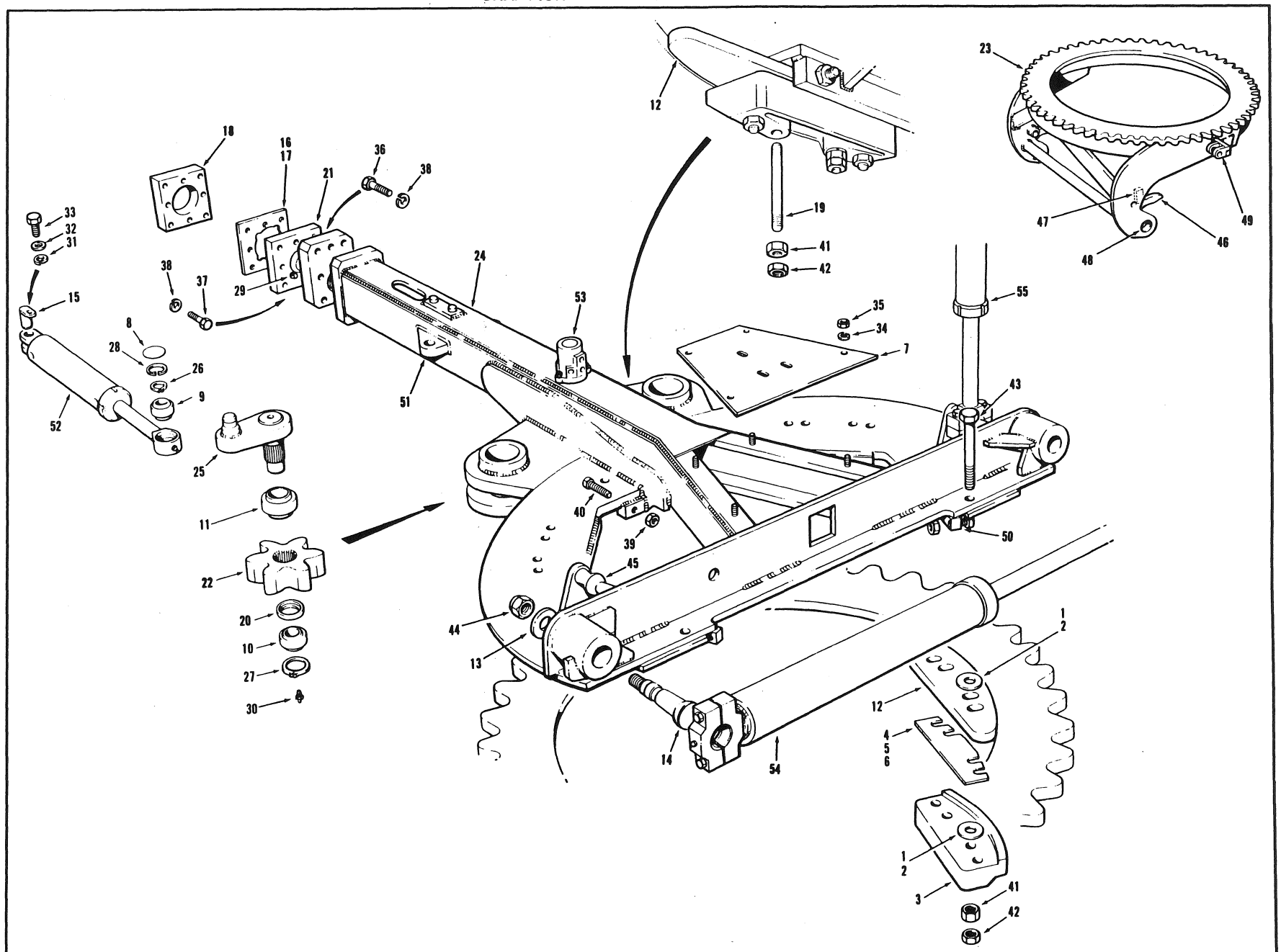
EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

19919, 19933 & UP

700 SERIES
SERIE 700

SECTION 2 PAGE 5
SECCION 2 PAGINA 5

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

CIRCLE & DRAWBAR ASSEMBLY - MODELS 750 THRU 780A

JUNE 1989

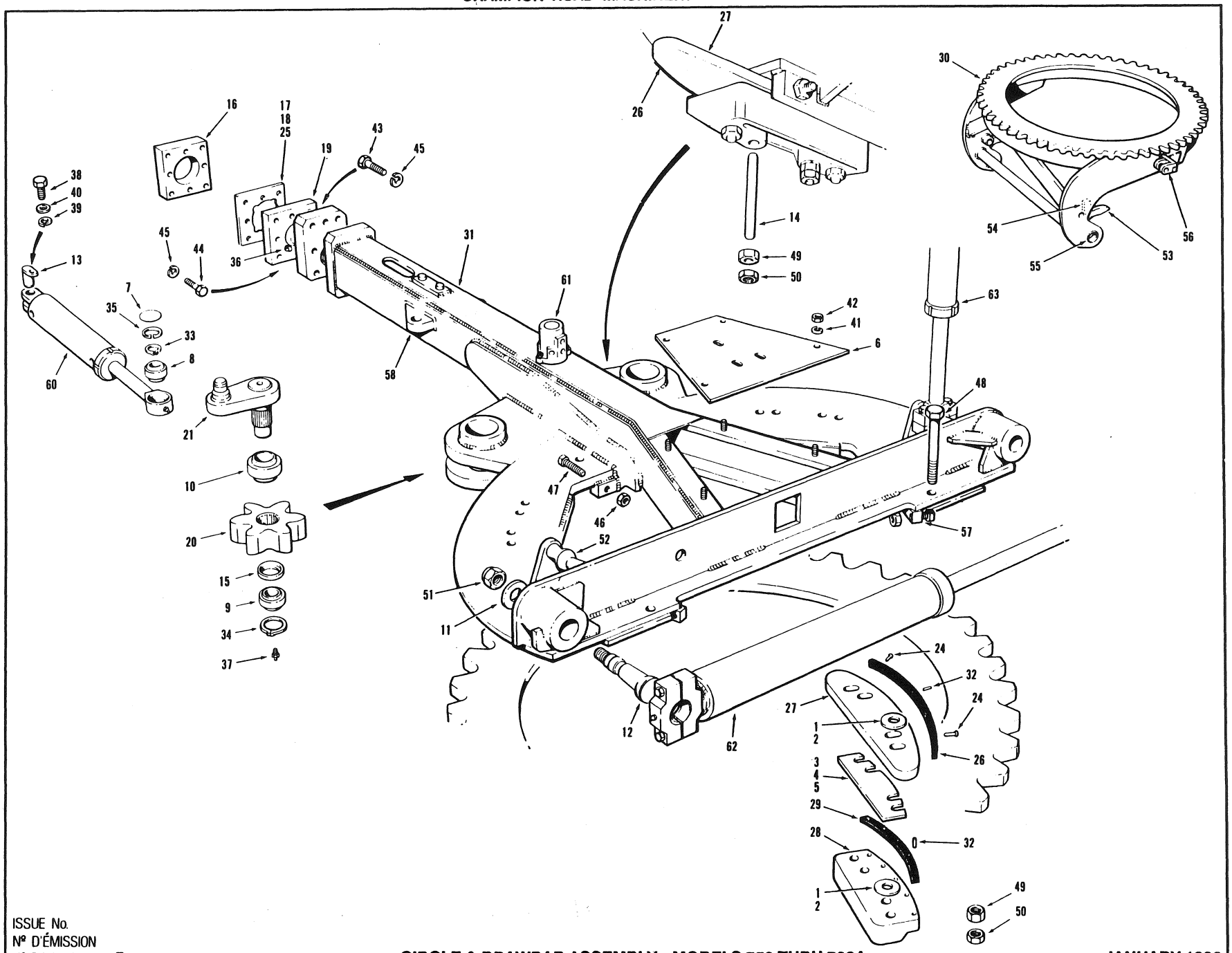
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

SECTION / SECCION 2 | PAGE / PAGINA 6 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 4

CIRCLE & DRAWBAR ASSEMBLY - MODELS 750 THRU 780A

JUNE 1989

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	5670A	SHIM - .010"	A.R.	
2	5670B	SHIM - .020"	A.R.	
3	12082	CLAMP PLATE	5	
4	12119-10	SHIM - 10 GA.	A.R.	
5	12119-16	SHIM - 16 GA.	A.R.	
6	12119-20	SHIM - 20 GA.	A.R.	
7	12924	COVER	1	
8	16507	EXPANSION PLUG	2	
9	18340	PLAIN BEARING - 40 mm	2	
10	19630	PLAIN BEARING - 50 mm	2	
11	19631	PLAIN BEARING - 70 mm	2	
12	30070	CIRCLE GUIDE PLATE	5	
13	*25287	WASHER	2	
14	*30203	BALL STUD	2	
15	32118	PIN	2	
16	32140	SHIM - .010"	A.R.	
17	32141	SHIM - .020"	A.R.	
18	32394	DRAWBAR BALL SEAT	1	
19	34803	STUD - FRONT MOUNT PLATE	2	
20	42855	SPACER	2	
21	44588	BALL STUD	1	
22	*52119	CIRCLE DRIVE PINION	2	
23	*52357	HEAVY CIRCLE ASSEMBLY	1	
24	*52371	DRAWBAR ASSEMBLY	1	
25	*52379	CIRCLE CRANK	2	
26	19C-156	SNAP RING	2	
27	19F-050	SNAP RING	2	
28	19B-244	SNAP RING	2	
29	28A-04	GREASE FITTING	1	
30	29E-04	GREASE FITTING	2	
31	14A-06	LOCKWASHER	2	
32	14C-06	FLATWASHER	2	
33	50A-0606	BOLT	2	
34	14A-08	LOCKWASHER	4	
35	30A-08	NUT	4	
36	51A-1228	BOLT	8	
37	51A-1232	BOLT	8	
38	14A-12	LOCKWASHER	16	
39	30D-16	JAM NUT	10	
40	70F-1664	SET SCREW	10	
41	30A-18	NUT	16	
42	30D-18	JAM NUT	16	
43	50A-1864	BOLT	14	
44	37H-20	LOCKNUT	2	
45	1495E	BALL PIN	A.R.	REPAIR PARTS
46	30493	STONE GUARD	2	REPAIR PARTS
47	32064-11	STOP BLOCK	2	REPAIR PARTS
48	42437	BUSHING	2	REPAIR PARTS
49	42790	MOUNTING LUG	2	REPAIR PARTS
50	45714	SCREW BLOCK	A.R.	REPAIR PARTS
51	52385	LUG - CIRCLE TURN CYLINDER	A.R.	REPAIR PARTS
52		CIRCLE TURN CYLINDER	REF.	SECTION 2 PAGE 8
53		CIRCLE TURN VALVE	REF.	SECTION 2 PAGE 10
54		CIRCLE SHIFT CYLINDER	REF.	SECTION 2 PAGE 12
55		BLADE LIFT CYLINDER	REF.	SECTION 3 PAGE 6



EFFECTIVE SERIAL NUMBER(S) 20307 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 2 PAGE 5
SECCION 2 PAGINA 5

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5

CIRCLE & DRAWBAR ASSEMBLY - MODELS 750 THRU 780A

JANUARY 1990

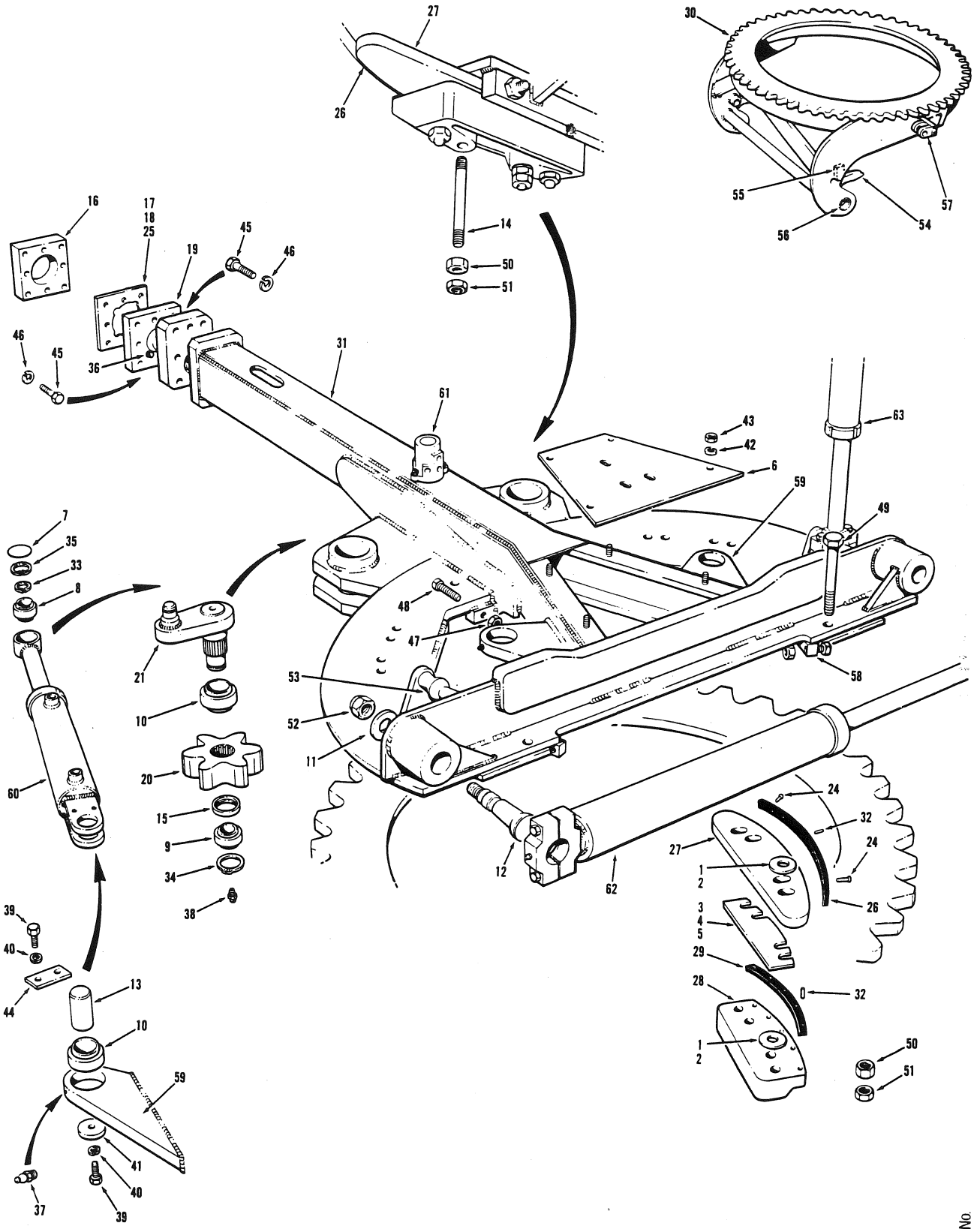
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SECTION / SECCION 2 | PAGE / PAGINA 6 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 5

CIRCLE & DRAWBAR ASSEMBLY - MODELS 750 THRU 780A

JANUARY 1990

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	5670A	SHIM - .010"	A.R.	
2	5670B	SHIM - .020"	A.R.	
3	12119-10	SHIM - 10 GA.	A.R.	
4	12119-16	SHIM - 16 GA.	A.R.	
5	12119-20	SHIM - 20 GA.	A.R.	
6	12924	COVER	1	
7	16507	EXPANSION PLUG	2	
8	18340	PLAIN BEARING - 40 mm	2	
9	19630	PLAIN BEARING - 50 mm	2	
10	19631	PLAIN BEARING - 70 mm	2	
11	25287	WASHER	2	
12	30203	BALL STUD	2	
13	32118	PIN	2	
14	34803	STUD - FRONT MOUNT PLATE	2	
15	42855	SPACER	2	
16	*48364	DRAWBAR BALL SEAT	1	
17	*48405	SHIM - .010"	A.R.	
18	*48406	SHIM - .020"	A.R.	
19	48411	BALL STUD	1	
20	52119	CIRCLE DRIVE PINION	2	
21	52379	CIRCLE CRANK	2	
24	*53063	CAPSCREW - BRASS	10	
25	*53345	SHIM - .015"	A.R.	
26	*54337	DURAMIDE GUIDEPLATE STRIP	5	
27	*54339	GUIDE PLATE	5	
28	*54340	CLAMP PLATE	5	
29	*54342	DURAMIDE CLAMP PLATE STRIP	5	
30	*54409	CIRCLE	1	
31	*54614	DRAWBAR	1	
32	*54934	PIN - BRASS	50	
33	19C-156	SNAP RING	2	
34	19F-050	SNAP RING	2	
35	19B-244	SNAP RING	2	
36	28A-04	GREASE FITTING	1	
37	29E-04	GREASE FITTING	2	
38	50A-0606	BOLT	2	
39	14A-06	LOCKWASHER	2	
40	14C-06	FLATWASHER	2	
41	14A-08	LOCKWASHER	4	
42	30A-08	NUT	4	
43	51A-1228	BOLT	8	
44	51A-1232	BOLT	8	
45	14A-12	LOCKWASHER	16	
46	30A-16	JAM NUT	10	
47	70F-1664	SET SCREW	10	
48	50A-1864	BOLT	14	
49	30A-18	NUT	16	
50	30D-18	JAM NUT	16	
51	37H-20	LOCKNUT	2	
52	1495E	BALL PIN	A.R.	
53	30493	STONE GUARD	2	
54	32064-11	STOP BLOCK	2	
55	*36968	BUSHING	2	REPAIR
56	42790	MOUNTING LUG	2	PART
57	45714	SCREW BLOCK	A.R.	
58	52385	LUG - CIRCLE TURN CYLINDER	A.R.	
60		CIRCLE TURN CYLINDER	REF.	SECTION 2 PAGE 8
61		CIRCLE TURN VALVE	REF.	SECTION 2 PAGE 10
62		CIRCLE SHIFT CYLINDER	REF.	SECTION 12 PAGE 12
63		BLADE LIFT CYLINDER	REF.	SECTION 3 PAGE 6



CHAMPION ROAD MACHINERY

CIRCLE & DRAWBAR ASSEMBLY - Models 750 thru 780A

AUGUST 1990

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 6

EFFECTIVE SERIAL NUMBER(S) 20837 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

SECTION / SECCION 2 | PAGE / PAGINA 6 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 6

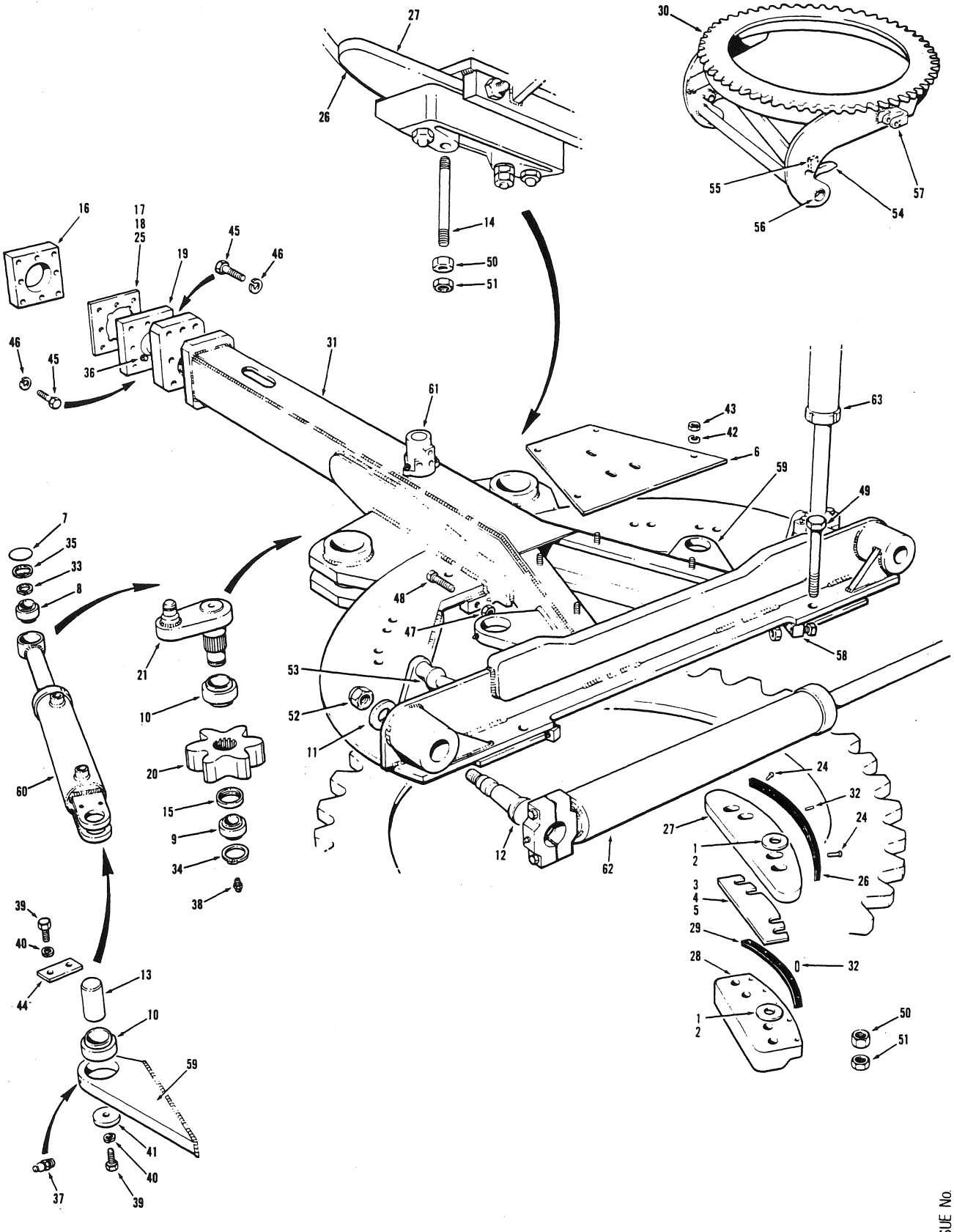
CIRCLE & DRAWBAR ASSEMBLY - Models 750 thru 780A

AUGUST 1990

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	5670A	SHIM - .010"	1	
2	5670B	SHIM - .020"	1	
3	12119-10	SHIM - 10 GA.	1	
4	12119-16	SHIM - 16 GA.	1	
5	12119-20	SHIM - 20 GA.	1	
6	12924	COVER	1	
7	16507	EXPANSION PLUG	2	
8	18340	PLAIN BEARING - 40 mm	2	
9	19630	PLAIN BEARING - 50 mm	2	
10	19631	PLAIN BEARING - 70 mm	2	
11	25287	WASHER	2	
12	30203	BALL STUD	2	
13	*56907	PIN	2	
14	34803	STUD - FRONT MOUNT PLATE	2	
15	42855	SPACER	2	
16	48364	DRAWBAR BALL SEAT	1	
17	48405	SHIM - .010"	2	
18	48406	SHIM - .020"	1	
19	48411	BALL STUD	1	
20	52119	CIRCLE DRIVE PINION	2	
21	*56865	CIRCLE CRANK	2	
24	53063	CAPSCREW - BRASS	10	
25	53345	SHIM - .015"	1	
26	54337	DURAMIDE GUIDEPLATE STRIP	5	
27	54339	GUIDE PLATE	5	
28	54340	CLAMP PLATE	5	
29	54342	DURAMIDE CLAMP PLATE STRIP	5	
30	*56953	CIRCLE	1	
31	*56932	DRAWBAR	1	
32	54934	PIN - BRASS	50	
33	19C-156	SNAP RING	2	
34	19F-050	SNAP RING	2	
35	19B-244	SNAP RING	2	
36	28A-04	GREASE FITTING	1	
37	*29A-02	GREASE FITTING	2	
38	29E-04	GREASE FITTING	2	
39	*50A-0608	BOLT	6	
40	14A-06	LOCKWASHER	6	
41	*56908	WASHER	2	
42	14A-08	LOCKWASHER	4	
43	30A-08	NUT	4	
44	*56909	LOCK PLATE	2	
45	*50A-1224	BOLT	16	
46	14A-12	LOCKWASHER	16	
47	30A-16	JAM NUT	10	
48	70F-1664	SET SCREW	10	
49	50A-1864	BOLT	14	
50	30A-18	NUT	16	
51	30D-18	JAM NUT	16	
52	37H-20	LOCKNUT	2	
53	1495E	BALL PIN	2	REPAIR PART
54	30493	STONE GUARD	2	REPAIR PART
55	32064-11	STOP BLOCK	2	REPAIR PART
56	36968	BUSHING	2	REPAIR PART
57	*56954	MOUNTING LUG	2	REPAIR PART
58	45714	SCREW BLOCK	5	REPAIR PART
59	*58126	LUG - CIRCLE TURN CYLINDER	2	REPAIR PART
60		CIRCLE TURN CYLINDER	REF.	SECTION 2 PAGE 7
61		CIRCLE TURN VALVE	REF.	SECTION 2 PAGE 9
62		CIRCLE SHIFT CYLINDER	REF.	SECTION 12 PAGE 11
63		BLADE LIFT CYLINDER	REF.	SECTION 3 PAGE 5

CIRCLE & DRAWBAR ASSEMBLY - Models 750 thru 780A

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO



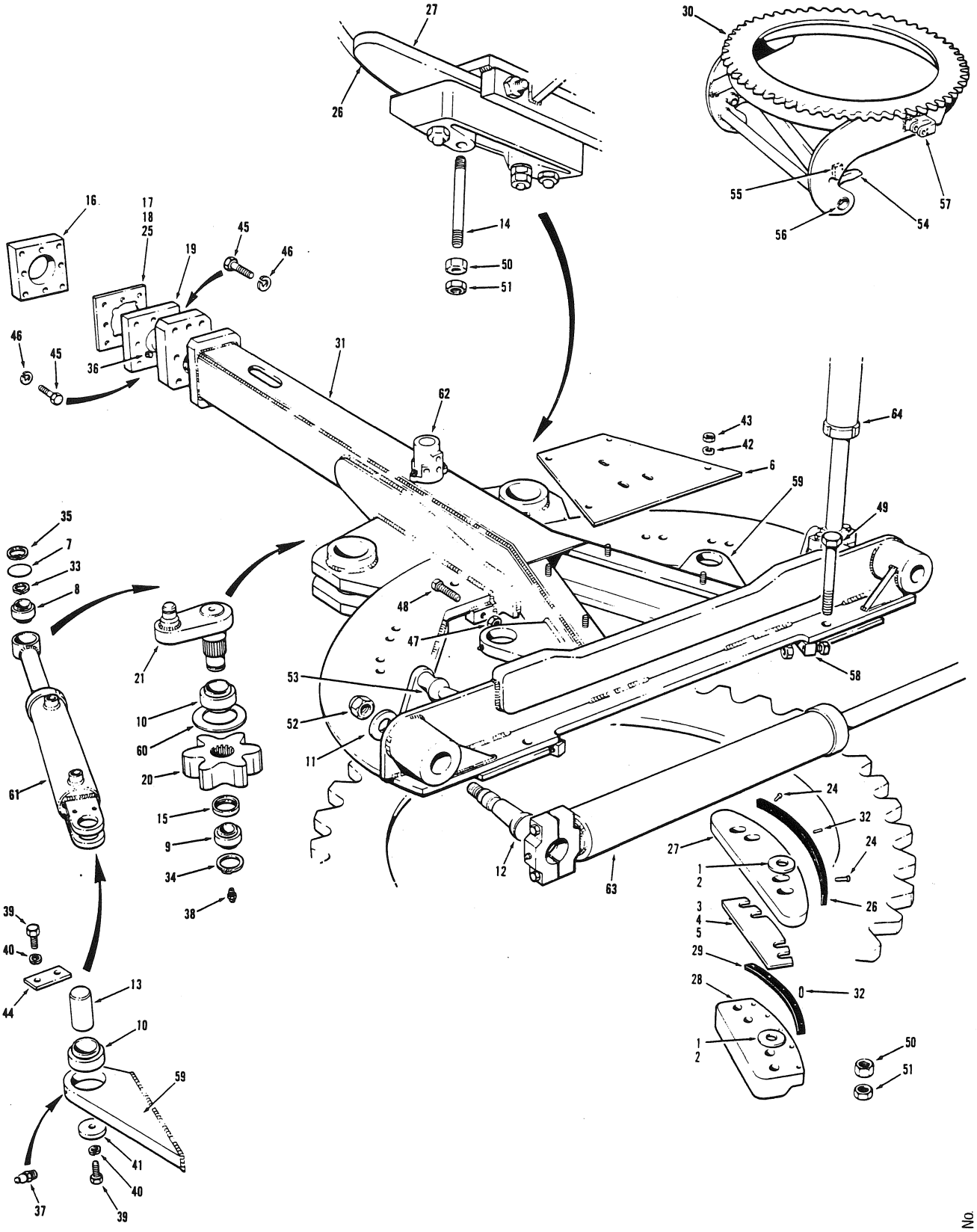
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 7

EFFECTIVE SERIAL NUMBER(S) 21283 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

CIRCLE & DRAWBAR ASSEMBLY - Models 750 thru 780A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	5670A	SHIM - .010"	1	
2	5670B	SHIM - .020"	1	
3	12119-10	SHIM - 10 GA.	1	
4	12119-16	SHIM - 16 GA.	1	
5	12119-20	SHIM - 20 GA.	1	
6	12924	COVER	1	
7	16507	EXPANSION PLUG	2	
8	18340	PLAIN BEARING - 40 mm	2	
9	19630	PLAIN BEARING - 50 mm	2	
10	19631	PLAIN BEARING - 70 mm	2	
11	25287	WASHER	2	
12	30203	BALL STUD	2	
13	56907	PIN	2	
14	34803	STUD - FRONT MOUNT PLATE	2	
15	42855	SPACER	2	
16	48364	DRAWBAR BALL SEAT	1	
17	48405	SHIM - .010"	2	
18	48406	SHIM - .020"	1	
19	48411	BALL STUD	1	
20	52119	CIRCLE DRIVE PINION	2	
21	56865	CIRCLE CRANK	2	
24	53063	CAPSCREW - BRASS	10	
25	53345	SHIM - .015"	1	
26	54337	DURAMIDE GUIDEPLATE STRIP	5	
27	54339	GUIDE PLATE	5	
28	54340	CLAMP PLATE	5	
29	54342	DURAMIDE CLAMP PLATE STRIP	5	
30	56953	CIRCLE	1	
31	*57479	DRAWBAR	1	
32	54934	PIN - BRASS	50	
33	19C-156	SNAP RING	2	
34	19F-050	SNAP RING	2	
35	19B-244	SNAP RING	2	
36	28A-04	GREASE FITTING	1	
37	29A-02	GREASE FITTING	2	
38	29E-04	GREASE FITTING	2	
39	50A-0608	BOLT	6	
40	14A-06	LOCKWASHER	6	
41	56908	WASHER	2	
42	14A-08	LOCKWASHER	4	
43	30A-08	NUT	4	
44	56909	LOCK PLATE	2	
45	50A-1224	BOLT	16	
46	14A-12	LOCKWASHER	16	
47	30A-16	JAM NUT	10	
48	70F-1664	SET SCREW	10	
49	50A-1864	BOLT	14	
50	30A-18	NUT	16	
51	30D-18	JAM NUT	16	
52	37H-20	LOCKNUT	2	
53	1495E	BALL PIN	2	Repair Part
54	30493	STONE GUARD	2	Repair Part
55	32064-11	STOP BLOCK	2	Repair Part
56	36968	BUSHING	2	Repair Part
57	56954	MOUNTING LUG	2	Repair Part
58	45714	SCREW BLOCK	5	Repair Part
59	58126	LUG - CIRCLE TURN CYLINDER	2	Repair Part
60		CIRCLE TURN CYLINDER	REF.	Sect 2 Pg 7
61		CIRCLE TURN VALVE	REF.	Sect 2 Pg 9
62		CIRCLE SHIFT CYLINDER	REF.	Sect 12 Pg 11
63		BLADE LIFT CYLINDER	REF.	Sect 3 Pg 5

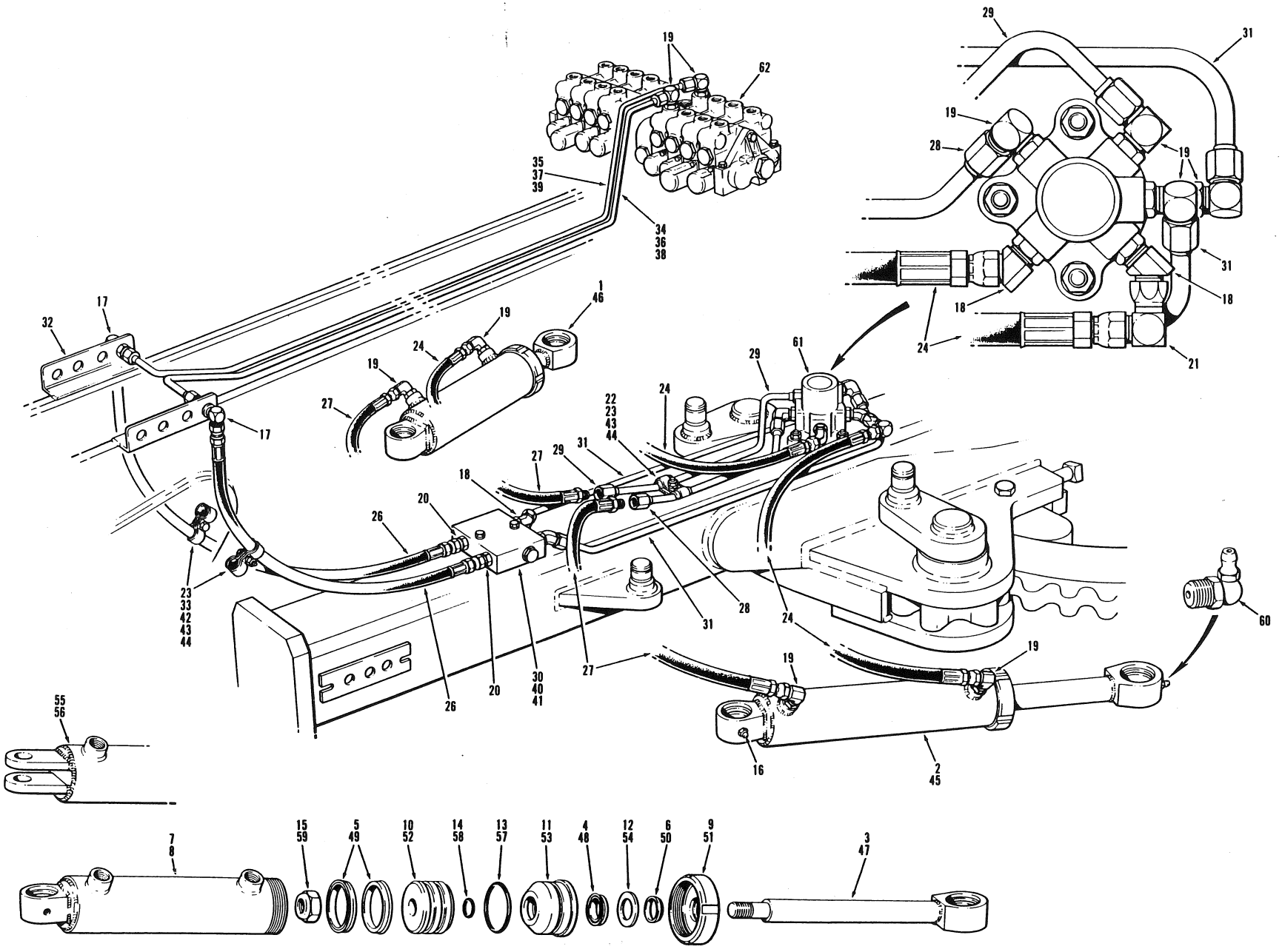

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SECTION / SECCION 2 | PAGE / PAGINA 6 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 8

CIRCLE & DRAWBAR ASSEMBLY - Models 750 thru 780A

JUNE 1991

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	5670A	SHIM - .010"	1	
2	5670B	SHIM - .020"	1	
3	12119-10	SHIM - 10 GA.	1	
4	12119-16	SHIM - 16 GA.	1	
5	12119-20	SHIM - 20 GA.	1	
6	12924	COVER	1	
7	16507	EXPANSION PLUG	2	
8	18340	PLAIN BEARING - 40 mm	2	
9	19630	PLAIN BEARING - 50 mm	2	
10	19631	PLAIN BEARING - 70 mm	2	
11	25287	WASHER	2	
12	*49796	BALL STUD	2	
13	56907	PIN	2	
14	34803	STUD - FRONT MOUNT PLATE	2	
15	42855	SPACER	2	
16	48364	DRAWBAR BALL SEAT	1	
17	48405	SHIM - .010"	2	
18	48406	SHIM - .020"	1	
19	48411	BALL STUD	1	
20	52119	CIRCLE DRIVE PINION	2	
21	56865	CIRCLE CRANK	2	
24	53063	CAPSCREW - BRASS	10	
25	53345	SHIM - .015"	1	
26	54337	DURAMIDE GUIDEPLATE STRIP	5	
27	54339	GUIDE PLATE	5	
28	54340	CLAMP PLATE	5	
29	54342	DURAMIDE CLAMP PLATE STRIP	5	
30	56953	CIRCLE	1	
31	57479	DRAWBAR	1	
32	54934	PIN - BRASS	50	
33	19C-156	SNAP RING	2	
34	19F-050	SNAP RING	2	
35	19B-244	SNAP RING	2	
36	28A-04	GREASE FITTING	1	
37	29A-02	GREASE FITTING	2	
38	29E-04	GREASE FITTING	2	
39	50A-0608	BOLT	6	
40	14A-06	LOCKWASHER	6	
41	56908	WASHER	2	
42	14A-08	LOCKWASHER	4	
43	30A-08	NUT	4	
44	56909	LOCK PLATE	2	
45	50A-1224	BOLT	16	
46	14A-12	LOCKWASHER	16	
47	30A-16	JAM NUT	10	
48	70F-1664	SET SCREW	10	
49	50A-1864	BOLT	14	
50	30A-18	NUT	16	
51	30D-18	JAM NUT	16	
52	37H-20	LOCKNUT	2	
53	1495E	BALL PIN	2	Repair Part
54	30493	STONE GUARD	2	Repair Part
55	32064-11	STOP BLOCK	2	Repair Part
56	36968	BUSHING	2	Repair Part
57	56954	MOUNTING LUG	2	Repair Part
58	45714	SCREW BLOCK	5	Repair Part
59	58126	LUG - CIRCLE TURN CYLINDER	2	Repair Part
60	*58963	SPACER	2	
61		CIRCLE TURN CYLINDER	REF.	Sect 2 Pg 7
62		CIRCLE TURN VALVE	REF.	Sect 2 Pg 9
63		CIRCLE SHIFT CYLINDER	REF.	Sect 12 Pg 11
64		BLADE LIFT CYLINDER	REF.	Sect 3 Pg 5



EFFECTIVE SERIAL NUMBER(S) 16224,16245 TO 16805
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 TO 2419-2

700 SERIES
SERIE 700

SECTION 2 PAGE 7
SECCION 2 PAGINA 7

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
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CIRCLE TURN CYLINDER & CIRCUIT

FEBRUARY 1987

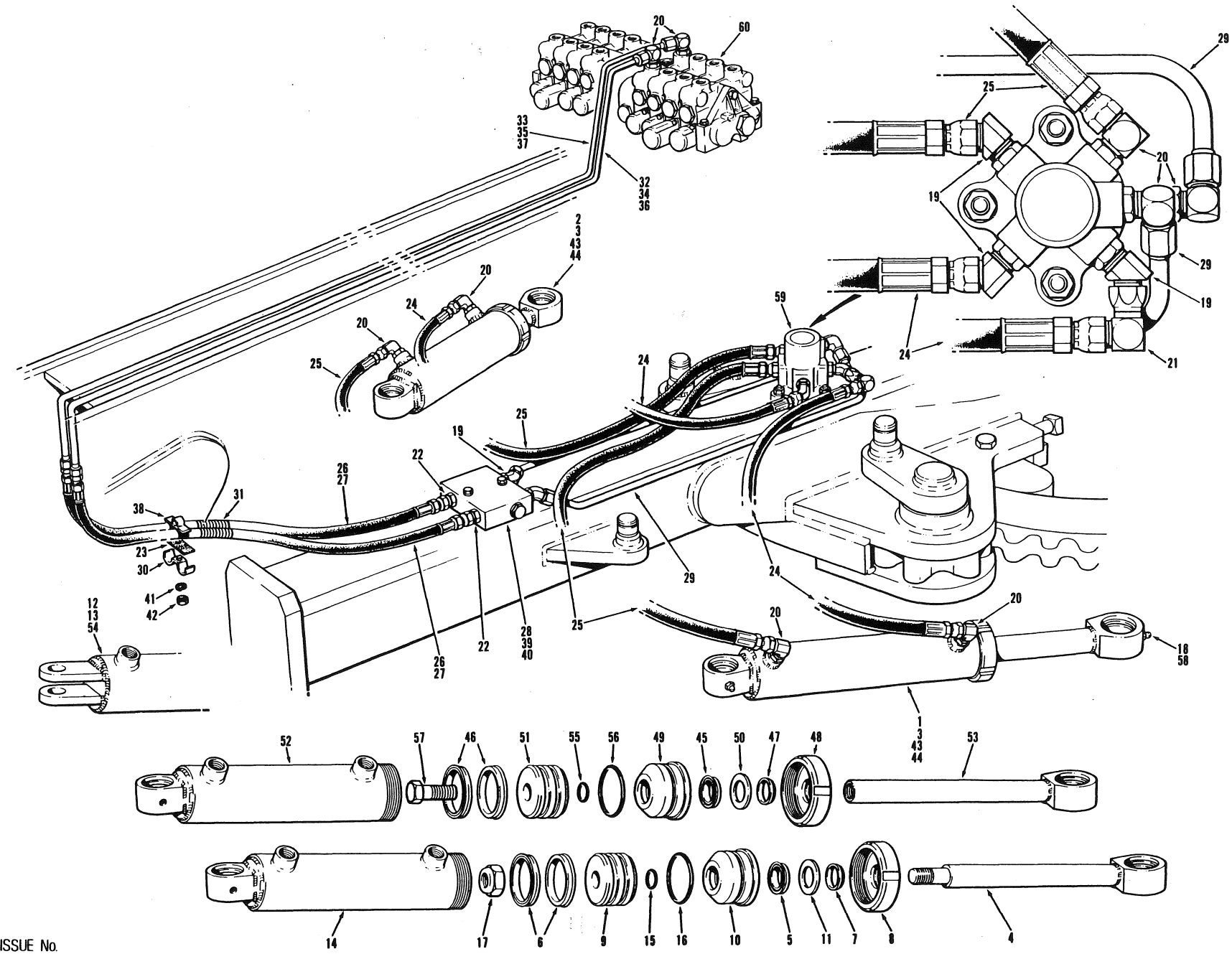
FOR LIST OF PARTS - TURN THIS PAGE
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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

SECTION / SECCION 2 | PAGE / PAGINA 8 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 1 REVISION A

CIRCLE TURN CYLINDER & CIRCUIT

FEBRUARY 1987

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	17026	CIRCLE TURN CYLINDER ASSY. - R.H. - C/W ITEMS 3 TO 7 & 9 TO 15	1	
2	17027	CIRCLE TURN CYLINDER ASSY. - L.H. - C/W ITEMS 3 TO 6 & 8 TO 15	1	
3	12136	PISTON ROD	1	
4	12164	ROD SEAL	1	
5	12165	PISTON SEAL	2	
6	12166	WIPER RING	1	
7	17032	CYLINDER BARREL - R.H.	1	
8	17033	CYLINDER BARREL - L.H.	1	
9	17605	CYLINDER NUT	1	
10	17606	PISTON	1	
11	17607	GLAND	1	
12	17613	WASHER	1	
13	*44243	O RING	1	
14	12A-214	O RING	1	
15	37H-16	LOCKNUT	1	
16	29A-02	GREASE FITTING	2	
	26408	REPAIR KIT FOR 17026 & 17027 CYLINDER ASSY. - INCLUDES ITEMS 4 TO 6 & 12 TO 15	A.R.	
17	110W-0808	CONNECTOR	2	
18	111A-0808	CONNECTOR	4	
19	111B-0808	CONNECTOR	10	
20	111E-0808	CONNECTOR	2	
21	112B-08	CONNECTOR	1	
22	1008	CLAMP	1	
23	9298	RUBBER PAD	6	
24	9313 X 28	HOSE	2	
25	9313 X 42	HOSE	2	710 THRU 730A
26	9313 X 48	HOSE	2	740, 740A & 760
27	14369 X 18	HOSE	2	
28	17423	TUBE - L.H.	1	
29	17424	TUBE - R.H.	1	
30	23749	CUSHION VALVE	1	
31	23960	TUBE	2	
32	27133	BRACKET	2	REPAIR PART
33	27756	CLAMP	4	
34	*41264	TUBE - L.H.	1	MODELS
35	*41265	TUBE - R.H.	1	710 & 710A
36	*41276	TUBE - L.H.	1	720, 720A
37	*41277	TUBE - R.H.	1	730 & 730A
38	*41288	TUBE - L.H.	1	740, 740A
39	*41289	TUBE - R.H.	1	& 760
	26317	SEAL REPAIR KIT FOR 23749 CUSHION VALVE	A.R.	
40	50A-0516	BOLT	2	
41	14A-05	LOCKWASHER	2	
42	50A-0610	BOLT	2	
43	14A-06	LOCKWASHER	3	
44	30A-06	NUT	3	
		HEAVY DUTY CIRCLE TURN CYLINDERS		OPTIONAL MODELS 740 THRU 760
45	27006	CIRCLE TURN CYLINDER ASSY. - L.H. - INCLUDES ITEMS 47 TO 55 & 57 TO 59	1	
46	27007	CIRCLE TURN CYLINDER ASSY. - R.H. - INCLUDES ITEMS 47 TO 54 & 56 TO 59	1	
47	12136	PISTON ROD	1	
48	12164	ROD SEAL	1	
49	12165	PISTON SEAL	2	
50	12166	WIPER RING	1	
51	17605	CYLINDER NUT	1	
52	17606	PISTON	1	
53	17607	GLAND	1	
54	17613	WASHER	1	
55	26886	CYLINDER BARREL - L.H.	1	
56	26887	CYLINDER BARREL - R.H.	1	
57	*44243	O RING	1	
58	12A-214	O RING	1	
59	37H-16	LOCKNUT	1	
60	29B-02	GREASE FITTING	2	
	26408	REPAIR KIT FOR 27006 & 27007 CYLINDER ASSY. - INCLUDES ITEMS 48 TO 50, 54, 57 & 58	A.R.	
61		CIRCLE TURN VALVE ASSEMBLY	REF.	SECTION 2 PAGE 9/10
62		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 7/8



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Nº D'ÉMISSION
Nº DE EDICION 2 REVISION A

CIRCLE TURN CYLINDER & CIRCUIT

FEBRUARY 1987

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16806 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2420-2 & UP

700 SERIES
SERIE 700

SECTION 2 PAGE 7
SECCION 2 PAGINA 7

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

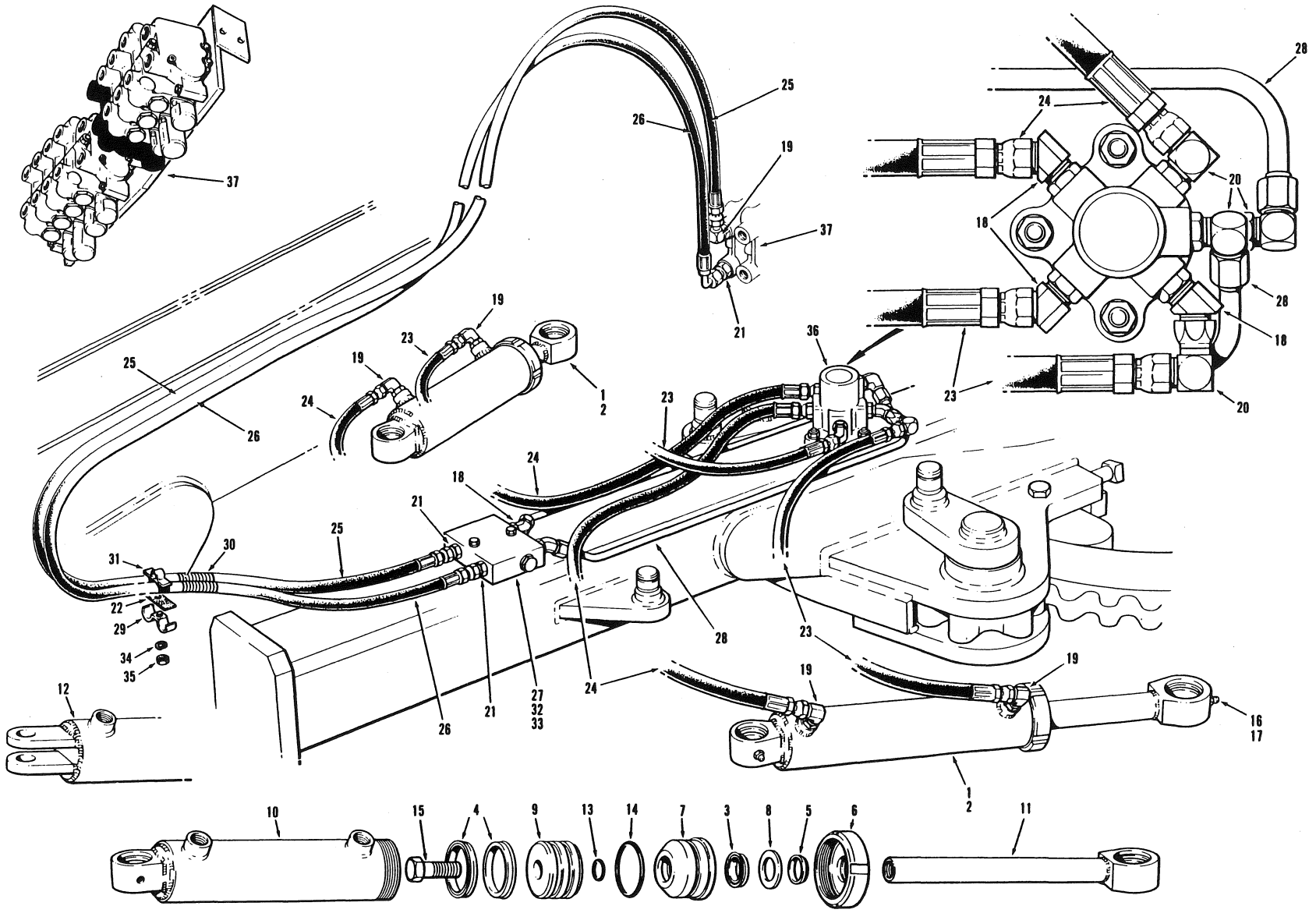
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No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CYLINDER ASSEMBLY - LOCKNUT STYLE		
1	27006	CIRCLE TURN CYLINDER ASSY. - L.H. INCLUDES ITEMS 4 TO 12 & 15 TO 18	1	HEAVY DUTY OPTION ON MODEL 740 THRU 760A
2	27007	CIRCLE TURN CYLINDER ASSY. - R.H. INCLUDES ITEMS 4 TO 11, 13 & 15 TO 18	1	
3	42014	CIRCLE TURN CYLINDER ASSY. - INCLUDES ITEMS 4 TO 11 & 14 TO 18	2	
4	12136	PISTON ROD	1	
5	12164	ROD SEAL	1	
6	12165	PISTON SEAL	2	
7	12166	WIPER RING	1	
8	17605	CYLINDER NUT	1	
9	17606	PISTON	1	
10	17607	GLAND	1	
11	17613	WASHER	1	
12	26886	CYLINDER BARREL - L.H.	1	OPTIONAL
13	26887	CYLINDER BARREL - R.H.	1	OPTIONAL
14	42157	CYLINDER BARREL	2	
15	*44243	O RING	1	
16	12A-214	O RING	1	
17	37H-16	NUT	1	
18	29A-02	GREASE FITTING	2	
	*26408	REPAIR KIT FOR 26006,26007 & 42014 HYDRAULIC CYLINDERS - INCLUDES ITEMS 5,6,7,11,15,16 & 17	A.R.	
19	111A-0808	CONNECTOR	5	
20	111B-0808	CONNECTOR	9	
21	112B-08	CONNECTOR	1	
22	111E-0808	CONNECTOR	2	
23	9298	RUBBER PAD	2	
24	9313 X 22	HOSE	2	
25	9313 X 28	HOSE	2	
26	14369 X 42	HOSE	2	MODELS 710 THRU 730A
27	14369 x 48	HOSE	2	MODELS 740 THRU 780A
28	23749	CUSHION VALVE	1	
29	23960	TUBE	2	
30	27756	CLAMP	1	
31	30927	HOSE WRAP	A.R.	
32	*42041	TUBE - L.H.	1	MODELS 710 & 710A
33	*42042	TUBE - R.H.	1	
34	42021	TUBE - L.H.	1	MODELS 720 THRU 730A
35	42022	TUBE - R.H.	1	
36	42035	TUBE - L.H.	1	MODELS 740 THRU 780A
37	42036	TUBE - R.H.	1	
38	42296	CLAMP CARRIER	1	
39	50A-0516	BOLT	2	
40	14A-05	LOCKWASHER	2	
41	14A-06	LOCKWASHER	1	
42	30A-06	NUT	1	
		CIRCLE TURN CYLINDER		
43	42156	CIRCLE TURN CYLINDER ASSY. - INCLUDES ITEMS 45 TO 53 & 55 TO 58	2	MODELS 710 THRU 760A
44	42444	H.D. CIRCLE TURN CYLINDER ASSY. - INCLUDES ITEMS 45 TO 51 & 53 TO 58 **(ITEM 44 IS OPTIONAL ON 740 THRU 760A)**	2	780 & 780A
45	12164	ROD SEAL	1	
46	12165	PISTON SEAL	2	
47	12166	WIPER RING	1	
48	17605	CYLINDER NUT	1	
49	17607	GLAND	1	
50	17613	WASHER	1	
51	42122	PISTON	1	
52	42157	CYLINDER BARREL	1	
53	42158	PISTON ROD	1	
54	42445	CYLINDER BARREL	1	780 & 780A
55	*44243	O RING	1	
56	12A-216	O RING	1	
57	51A-1220	BOLT	1	
	29A-02	GREASE FITTING - STRAIGHT	1	
58	29B-02	GREASE FITTING - 90°	1	
	*42975	REPAIR KIT FOR 42156 & 42444 HYDRAULIC CYLINDERS - INCLUDES ITEMS 45 TO 47,50 & 55 TO 57	A.R.	
	*26317	SEAL KIT FOR 23749 CUSHION VALVE	A.R.	
59		CIRCLE TURN VALVE ASSEMBLY	REF.	SECTION 2 PAGE 10
60		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8

EFFECTIVE SERIAL NUMBER(S) 18578,18590,18592 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 2 PAGE 7
SECCION PAGINA



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

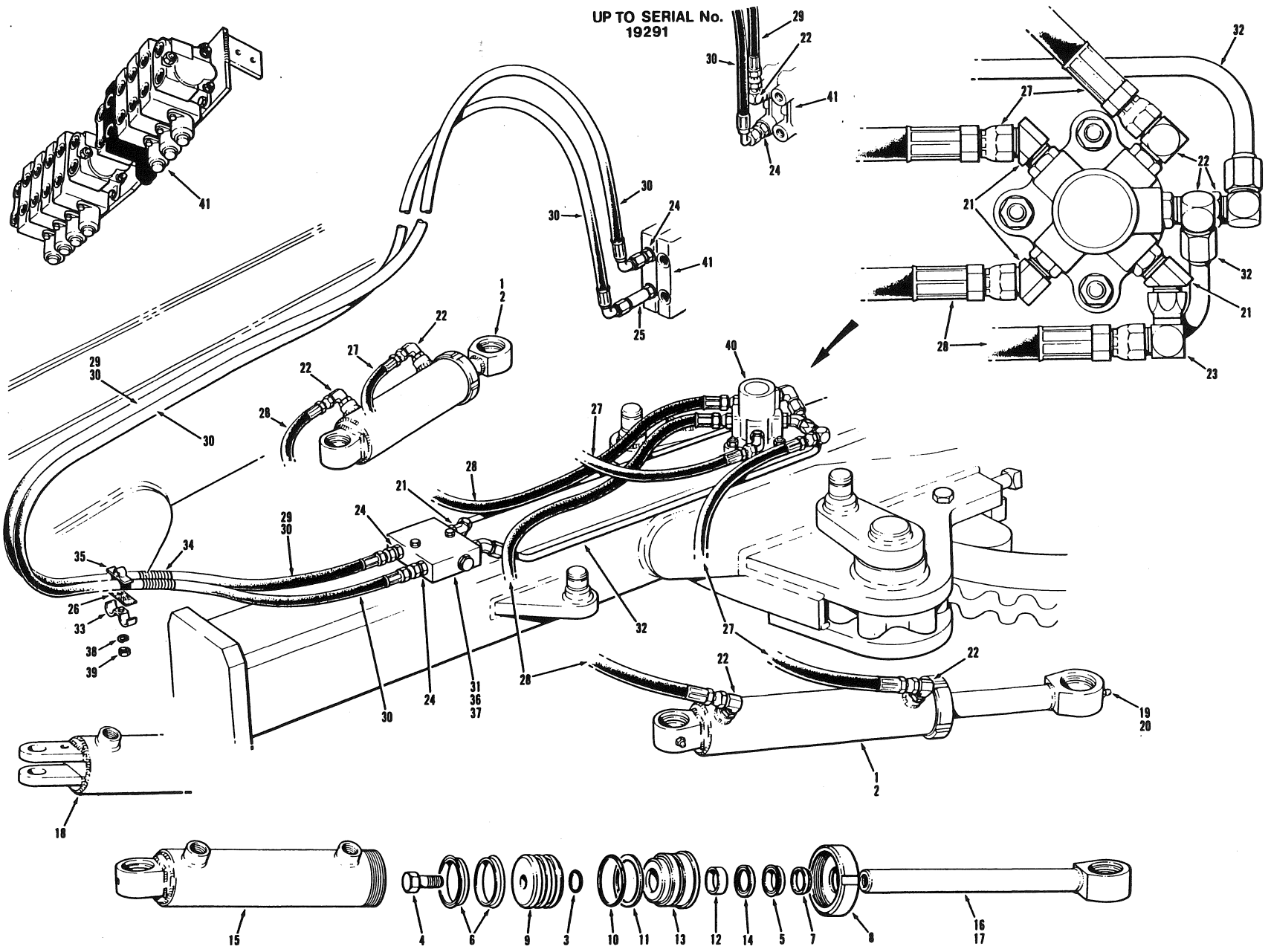
CIRCLE TURN CYLINDER & CIRCUIT

JANUARY 1988

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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		CIRCLE TURN CYLINDER		
1	42156	CIRCLE TURN CYLINDER ASSY. - INCLUDES ITEMS 3 TO 11 & 13 TO 17	2	MODELS 710 THRU 740A
2	42444	H.D. CIRCLE TURN CYLINDER ASSY. - INCLUDES ITEMS 3 TO 9 & 11 TO 16 **(ITEM 2 IS OPTIONAL ON 740 THRU 740A)**	2	750 THRU 780A
3	12164	ROD SEAL	1	
4	12165	PISTON SEAL	2	
5	12166	WIPER RING	1	
6	17605	CYLINDER NUT	1	
7	17607	GLAND	1	
8	17613	WASHER	1	
9	42122	PISTON	1	
10	42157	CYLINDER BARREL	1	
11	42158	PISTON ROD	1	
12	42445	CYLINDER BARREL	1	750 THRU 780A
13	44243	O RING	1	
14	12A-216	O RING	1	
15	51A-1220	BOLT	1	
16	29A-02	GREASE FITTING - STRAIGHT	1	
17	29B-02	GREASE FITTING - 90°	1	
	42975	REPAIR KIT FOR 42156 & 42444 HYDRAULIC CYLINDERS - INCLUDES ITEMS 3 TO 5, 8 & 13 TO 15	A.R.	
18	111A-0808	CONNECTOR	5	
19	111B-0808	CONNECTOR	8	
20	112B-08	CONNECTOR	1	
21	111E-0808	CONNECTOR	3	
22	9298	RUBBER PAD	2	
23	9313 X 22	HOSE	2	
24	9313 X 28	HOSE	2	
25	*9313 X 226	HOSE	1	
26	*14382 X 226	HOSE	1	
27	23749	CUSHION VALVE	1	
28	23960	TUBE	2	
29	27756	CLAMP	1	
30	30927	HOSE WRAP	A.R.	
31	42296	CLAMP CARRIER	1	
32	50A-0516	BOLT	2	
33	14A-05	LOCKWASHER	2	
34	14A-06	LOCKWASHER	1	
35	30A-06	NUT	1	
36		CIRCLE TURN VALVE ASSEMBLY	REF.	SECTION 2 PAGE 10
37		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
	26317	SEAL KIT FOR 23749 CUSHION VALVE	A.R.	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **4 REVISION A**

CIRCLE TURN CYLINDER & CIRCUIT

MARCH 1989

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EFFECTIVE SERIAL NUMBER(S) 19237 & UP
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NUMERO(S) DE SERIE EFECTIVO(S)

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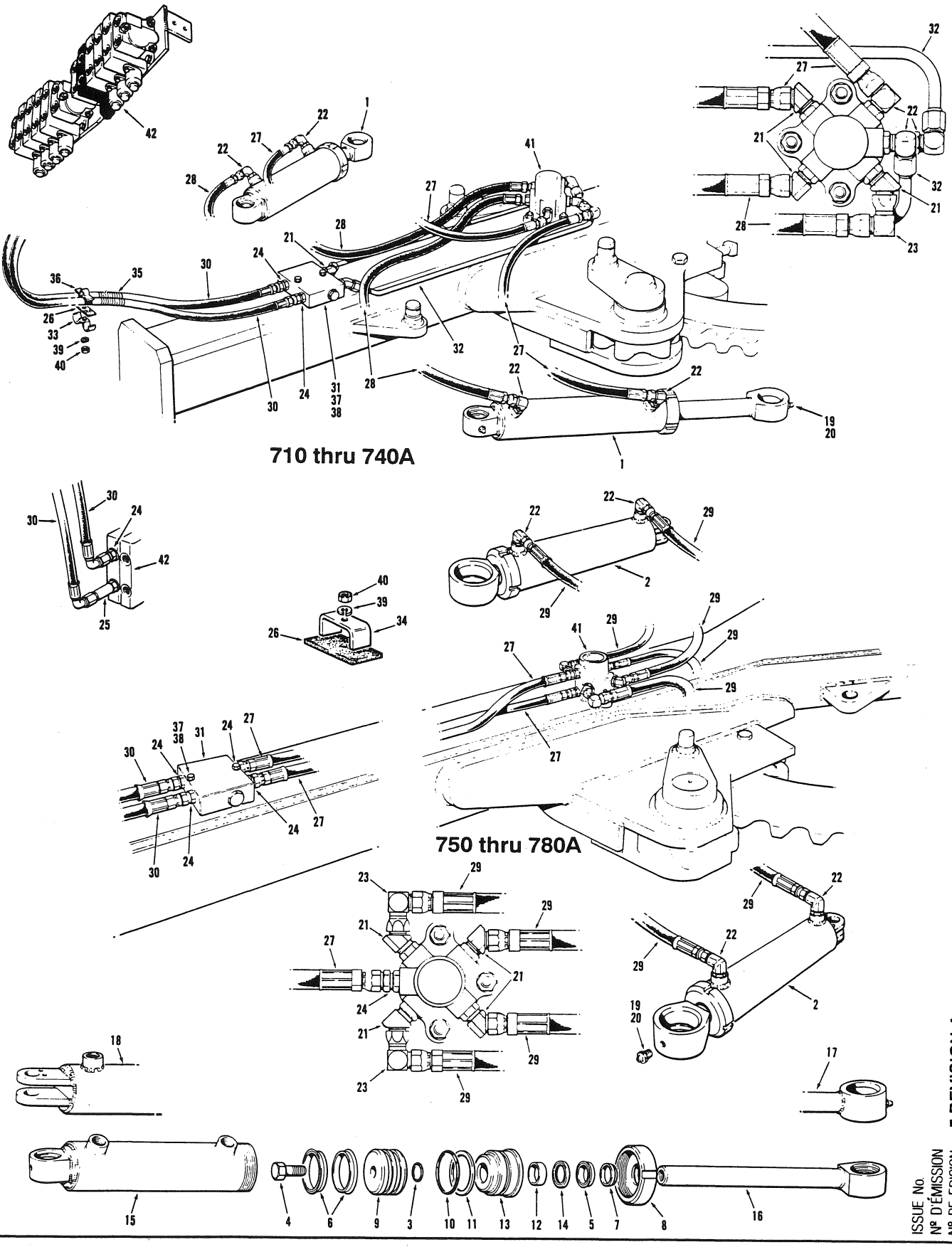
700 SERIES
SERIE 700

SECTION / SECCION 2 | PAGE / PAGINA 8 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 4 REVISION A

CIRCLE TURN CYLINDER & CIRCUIT

MARCH 1989

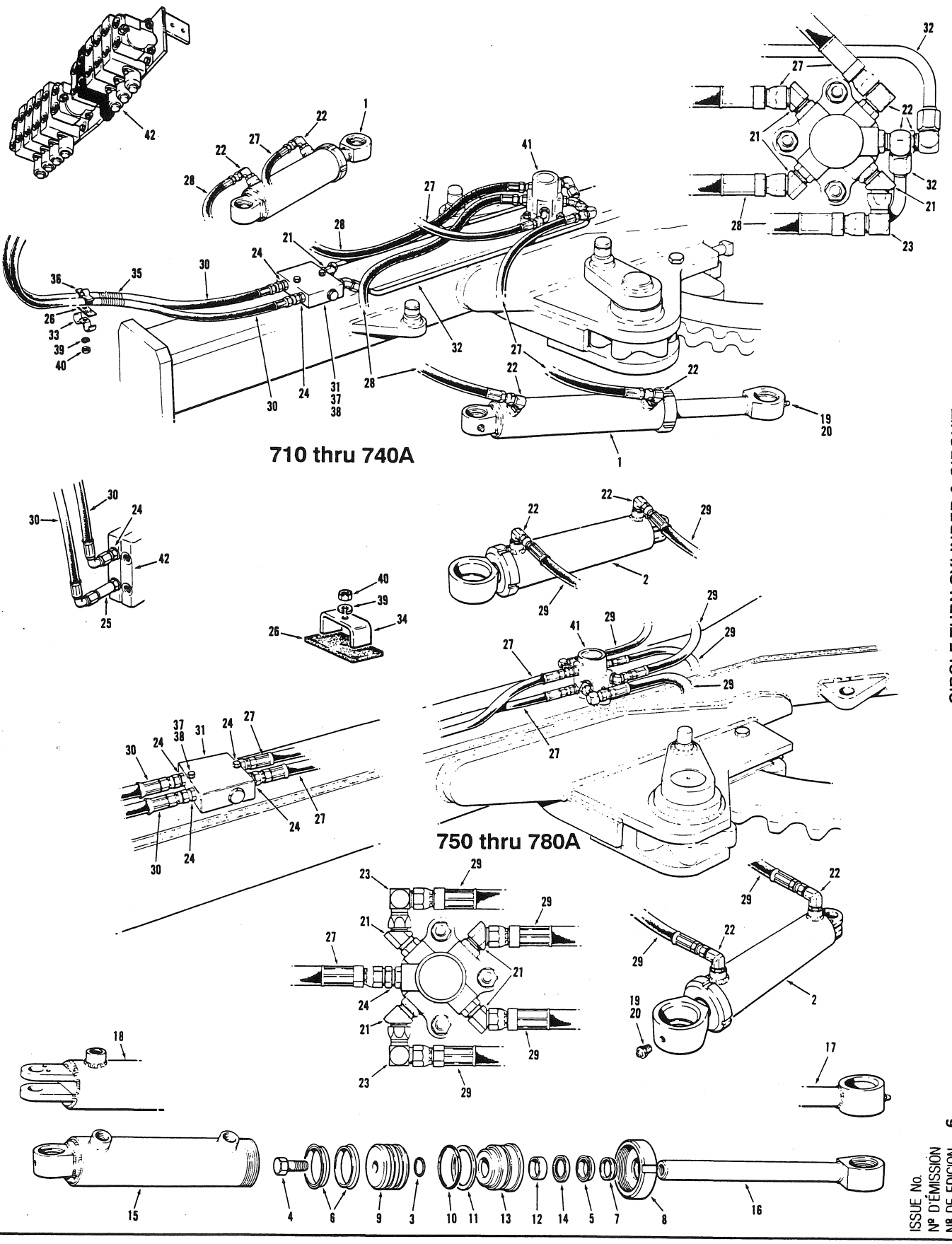
No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	46067	CIRCLE TURN CYLINDER ASSY. - INCLUDES ITEMS 3 TO 15 & 16	2	MODEL 710 THRU 740A
2	46302	H.D. CIRCLE TURN CYLINDER ASSY. - INCLUDES ITEMS 3 TO 12 , 14,15,17,18	2	750 THRU 780A
3	12A-216	O RING	1	
4	50A-1220	BOLT	1	
5	12164	ROD SEAL	1	
6	12165	PISTON SEAL	2	
7	12166	WIPER RING	1	
8	17605	CYLINDER NUT	1	
9	42122	PISTON	1	
10	44243	O RING	1	
11	44343	BACK-UP RING	1	
12	*49394	WEAR RING	1	
13	*49393	GLAND	1	
14	45889	BUFFER RING	1	
15	46068	CYLINDER BARREL	1	
16	46626	PISTON ROD	1	
17	46304	PISTON ROD	1	750 THRU 780A
18	46305	CYLINDER BARREL	1	
19	28A-04	GREASE FITTING	1	
20	28B-04	GREASE FITTING	1	
	48870	REPAIR KIT FOR 46067 & 46302 HYDRAULIC CYLINDERS - INCLUDES ITEMS 3 TO 7, 10 TO12 & 14	A.R.	
21	111A-0808	CONNECTOR	5	
22	111B-0808	CONNECTOR	8	
23	112B-08	CONNECTOR	1	
24	111E-0808	CONNECTOR	3	
25	111F-0808	CONNECTOR	1	S/N 19292 & up
26	9298	RUBBER PAD	2	
27	9313 X 22	HOSE	2	
28	9313 X 28	HOSE	2	
29	9313 X 226	HOSE	1	up to S/N 19291
30	14382 X 226	HOSE	1or2	
31	23749	CUSHION VALVE	1	
32	23960	TUBE	2	
33	27756	CLAMP	2	
34	30927	HOSE WRAP	2	
35	42296	CLAMP CARRIER	1	
36	50A-0516	BOLT	2	
37	14A-05	LOCKWASHER	2	
38	14A-06	LOCKWASHER	1	
39	30A-06	NUT	1	
40		CIRCLE TURN VALVE ASSEMBLY	REF.	SECTION 2 PAGE 10
41		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
	26317	SEAL KIT FOR 23749 CUSHION VALVE	A.R.	


710 thru 740A
750 thru 780A

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

CIRCLE TURN CYLINDER & CIRCUIT

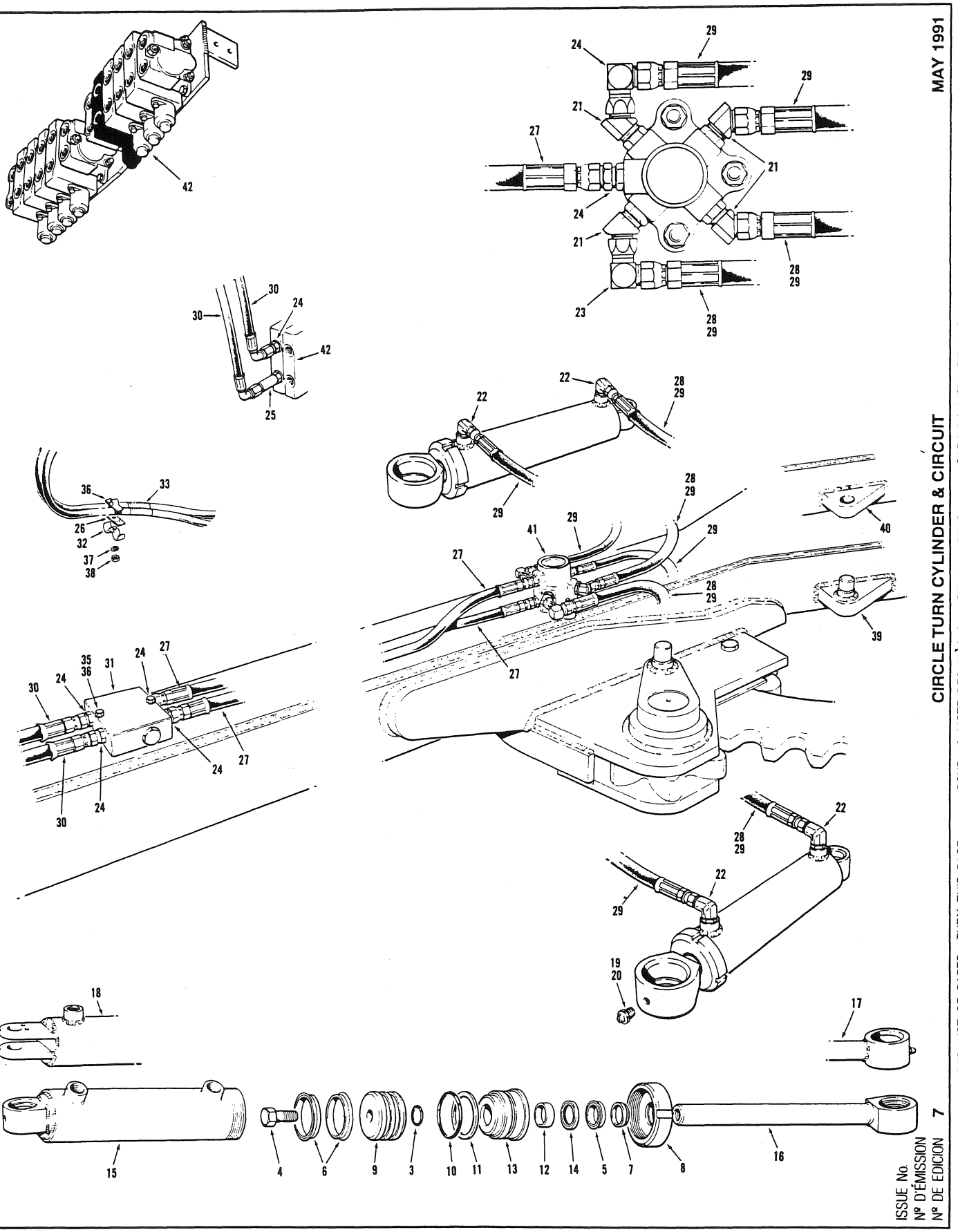
No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	46067	CIRCLE TURN CYLINDER ASSEMBLY - INCLUDES ITEMS 3 TO 16	2	710 thru 740A
2	56871	HEAVY DUTY TURN CYLINDER ASSEMBLY - INCLUDES ITEMS 3 TO 14, 17 & 18	2	750 thru 780A
	48870	REPAIR KIT FOR 46067 & 56871 - HYDRAULIC CYLINDERS - INCLUDES ITEMS 3 TO 7, 10 TO 12 & 14	1	
3	12A-216	O RING	1	
4	50A-1220	BOLT	1	
5	12164	ROD SEAL	1	
6	12165	PISTON SEAL	2	
7	12166	WIPER RING	1	
8	17605	CYLINDER NUT	1	
9	42122	PISTON	1	
10	44243	O RING	1	
11	44343	BACK-UP RING	1	
12	49394	WEAR RING	1	
13	49393	GLAND	1	
14	45889	BUFFER RING	1	
15	46068	CYLINDER BARREL	1	
16	46626	PISTON ROD	1	
17	56965	PISTON ROD	1	750 thru 780A
18	56904	CYLINDER BARREL	1	
19	28A-04	GREASE FITTING	1	
20	28B-04	GREASE FITTING	1	
21	111A-0808	CONNECTOR	5 4	710 thru 740A 750 thru 780A
22	111B-0808	CONNECTOR	8 6	710 thru 740A 750 thru 780A
23	112B-08	CONNECTOR	1 2	710 thru 740A 750 thru 780A
24	111E-0808	CONNECTOR	3 7	710 thru 740A 750 thru 780A
25	111F-0808	CONNECTOR	1	
26	9298	RUBBER PAD	2	
27	*9313 x 22	HOSE	2	710 thru 780A
28	9313 x 28	HOSE	2	710 thru 740A
29	9313 x 33	HOSE	4	750 thru 780A
30	14382 x 226	HOSE	2	
31	23749	CUSHION VALVE	1	
	26317	SEAL KIT FOR 23749 - CUSHION VALVE	1 per	
32	23960	TUBE	2	710 thru 740A
33	27756	CLAMP	2	
34	8425	CLAMP	2	
35	30927 x 8	HOSE WRAP	2	
36	42296	CLAMP CARRIER	1	
37	50A-0516	BOLT	2	
38	14A-05	LOCKWASHER	2	
39	14A-06	LOCKWASHER	1	
40	30A-06	NUT	1	
41		CIRCLE TURN VALVE ASSEMBLY	REF.	Sect 2 Pg 9
42		MANIFOLD VALVE ASSEMBLY	REF.	Sect 4 Pg 7


710 thru 740A
750 thru 780A

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

CIRCLE TURN CYLINDER & CIRCUIT

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	*59003	**CIRCLE TURN CYLINDER ASSEMBLY** - INCLUDES ITEMS 3 to 16	2	710 thru 740A
2	56871	**HEAVY DUTY TURN CYLINDER ASSEMBLY** - INCLUDES ITEMS 3 to 14, 17 & 18	2	750 thru 780A
	48870	**REPAIR KIT FOR 59003 & 56871 - HYDRAULIC CYLINDERS** - INCLUDES ITEMS 3 to 7, 10 to 12 & 14	1	
3	12A-216	O-RING	1	
4	50A-1220	BOLT	1	
5	12164	ROD SEAL	1	
6	12165	PISTON SEAL	2	
7	12166	WIPER RING	1	
8	17605	CYLINDER NUT	1	
9	42122	PISTON	1	
10	44243	O-RING	1	
11	44343	BACK-UP RING	1	
12	49394	WEAR RING	1	
13	49393	GLAND	1	
14	45889	BUFFER RING	1	
15	*59006	CYLINDER BARREL	1	
16	*59004	PISTON ROD	1	
17	56965	PISTON ROD	1	750 thru 780A
18	56904	CYLINDER BARREL	1	750 thru 780A
19	28A-04	GREASE FITTING	1	
20	28B-04	GREASE FITTING	1	
21	111A-0808	CONNECTOR	5	710 thru 740A
			4	750 thru 780A
22	111B-0808	CONNECTOR	8	710 thru 740A
			6	750 thru 780A
23	112B-08	CONNECTOR	1	710 thru 740A
			2	750 thru 780A
24	111E-0808	CONNECTOR	3	710 thru 740A
			7	750 thru 780A
25	111F-0808	CONNECTOR	1	
26	9298	RUBBER PAD	2	
27	9313 x 22	HOSE	2	710 thru 780A
28	9313 x 28	HOSE	2	710 thru 740A
29	9313 x 33	HOSE	4	750 thru 780A
30	14382 x 226	HOSE	2	
31	23749	CUSHION VALVE	1	
	26317	**SEAL KIT FOR 23749 - CUSHION VALVE**	1 per	
32	23960	TUBE	2	710 thru 740A
33	27756	CLAMP	2	
34	8425	CLAMP	2	
35	30927 x 8	HOSE WRAP	2	
36	42296	CLAMP CARRIER	1	
37	50A-0516	BOLT	2	
38	14A-05	LOCKWASHER	2	
39	14A-06	LOCKWASHER	1	
40	30A-06	NUT	1	
41		**CIRCLE TURN VALVE ASSEMBLY**	REF.	Sect 2 Pg 9
42		**MANIFOLD VALVE ASSEMBLY**	REF.	Sect 4 Pg 7



CHAMPION ROAD MACHINERY

CIRCLE TURN CYLINDER & CIRCUIT

MAY 1991

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EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S) 21283 & UP

700 SERIES
SERIE 700

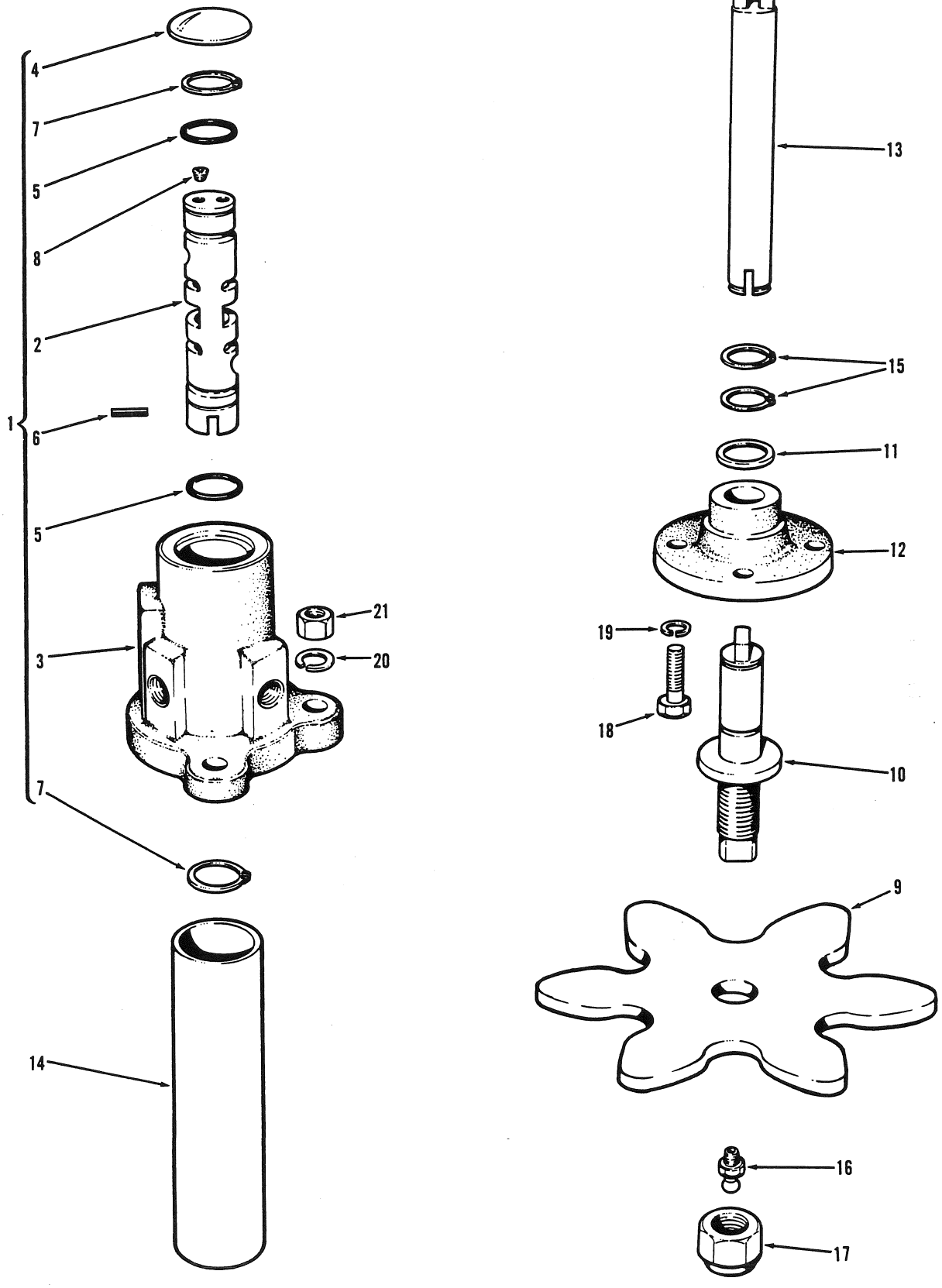
SECTION 2 PAGE 7
SECCION PAGINA

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CIRCLE TURN CYLINDER & CIRCUIT

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	59003	**CIRCLE TURN CYLINDER ASSEMBLY** - INCLUDES ITEMS 3 to 16	2	710 thru 740A
2	56871	**HEAVY DUTY TURN CYLINDER ASSEMBLY** - INCLUDES ITEMS 3 to 14, 17 & 18	2	750 thru 780A
	48870	**REPAIR KIT FOR 59003 & 56871 - HYDRAULIC CYLINDERS** - INCLUDES ITEMS 3 to 7, 10 to 12 & 14	1	
3	12A-216	O-RING	1	
4	50A-1220	BOLT	1	
5	12164	ROD SEAL	1	
6	12165	PISTON SEAL	2	
7	12166	WIPER RING	1	
8	17605	CYLINDER NUT	1	
9	42122	PISTON	1	
10	44243	O-RING	1	
11	44343	BACK-UP RING	1	
12	49394	WEAR RING	1	
13	49393	GLAND	1	
14	45889	BUFFER RING	1	
15	59006	CYLINDER BARREL	1	
16	59004	PISTON ROD	1	
17	56965	PISTON ROD	1	750 thru 780A
18	56904	CYLINDER BARREL	1	
19	28A-04	GREASE FITTING	1	
20	28B-04	GREASE FITTING	1	
21	111A-0808	CONNECTOR	4	
22	111B-0808	CONNECTOR	4	
23	112B-08	CONNECTOR	2	
24	111E-0808	CONNECTOR	6	
25	111F-0808	CONNECTOR	1	
26	9298	RUBBER PAD	2	
27	9313 x 22	HOSE	2	710 thru 780A
28	9313 x 28	HOSE	2	710 thru 740A
29	9313 x 33	HOSE	4	750 thru 780A
			2	710 thru 740A
30	14382 x 226	HOSE	2	
31	23749	CUSHION VALVE	1	
	26317	**SEAL KIT FOR 23749 - CUSHION VALVE**	1 per	
32	27756	CLAMP	2	
33	30927 x 8	HOSE WRAP	2	
34	42296	CLAMP CARRIER	1	
35	50A-0516	BOLT	2	
36	14A-05	LOCKWASHER	2	
37	14A-06	LOCKWASHER	1	
38	30A-06	NUT	1	
39	*12954	ANCHOR PIVOT	1	710 thru 740A Repair Part
40	*58126	ANCHOR PIVOT	1	750 thru 780A Repair Part
41		**CIRCLE TURN VALVE ASSEMBLY**	REF.	Sect 2 Pg 9
42		**MANIFOLD VALVE ASSEMBLY**	REF.	Sect 4 Pg 7

CHAMPION ROAD MACHINERY



CIRCLE TURN VALVE ASSEMBLY

APRIL 1986

ISSUE No.
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EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

U.S. 2021-2 & UP

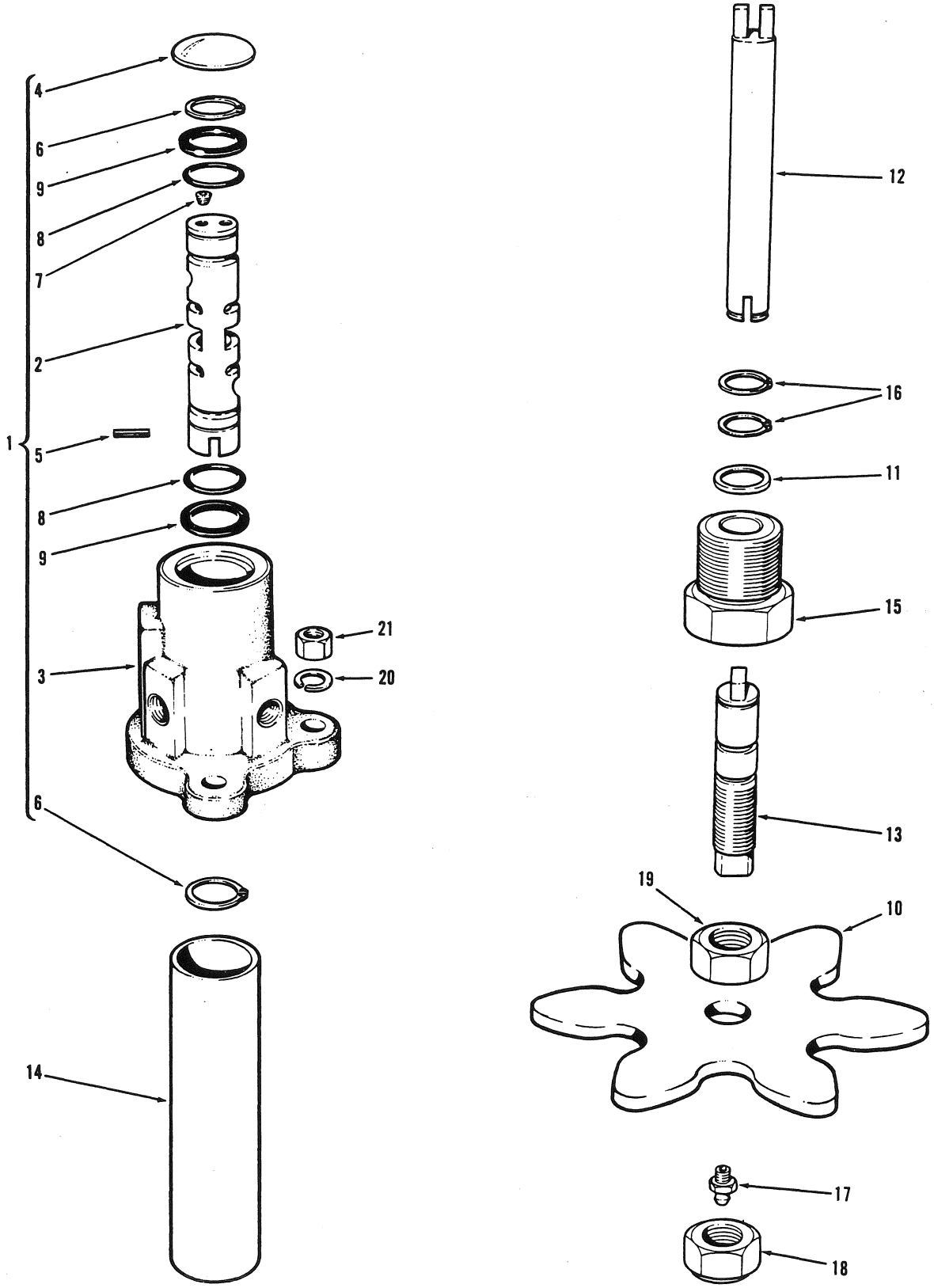
700 SERIES
SERIE 700

SECTION 2 PAGE 9
SECCION PAGINA

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No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	12114	CIRCLE TURN VALVE ASSEMBLY - INCLUDES ITEMS 2 TO 8	1	
2		SPOOL NOT AVAILABLE	1	
3		BODY SEPARATELY	1	
4	11A-200	EXPANSION PLUG	1	
5	12A-214	O RING	2	
6	*13C-0616	ROLL PIN	1	
7	19C-125	SNAP RING	2	
8	115D-02	PIPE PLUG	2	
9	12109	VALVE PINION	1	
10	12112	PINION SHAFT	1	
11	12427	THRUST RACE	1	
12	12550	BEARING	1	
13	14119	DRIVE SHAFT	1	
14	14498	GUARD TUBE	1	
15	19C-100	SNAP RING	2	
16	29A-02	GREASE FITTING	1	
17	*37M-16	LOCKNUT	1	
18	*50A-0610	BOLT	4	
19	14A-06	LOCKWASHER	4	
20	14A-08	LOCKWASHER	3	
21	30A-08	NUT	3	

CHAMPION ROAD MACHINERY



APRIL 1989

CIRCLE TURN VALVE ASSEMBLY

ISSUE No.
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EFFECTIVE SERIAL NUMBER(S) 17849 & UP
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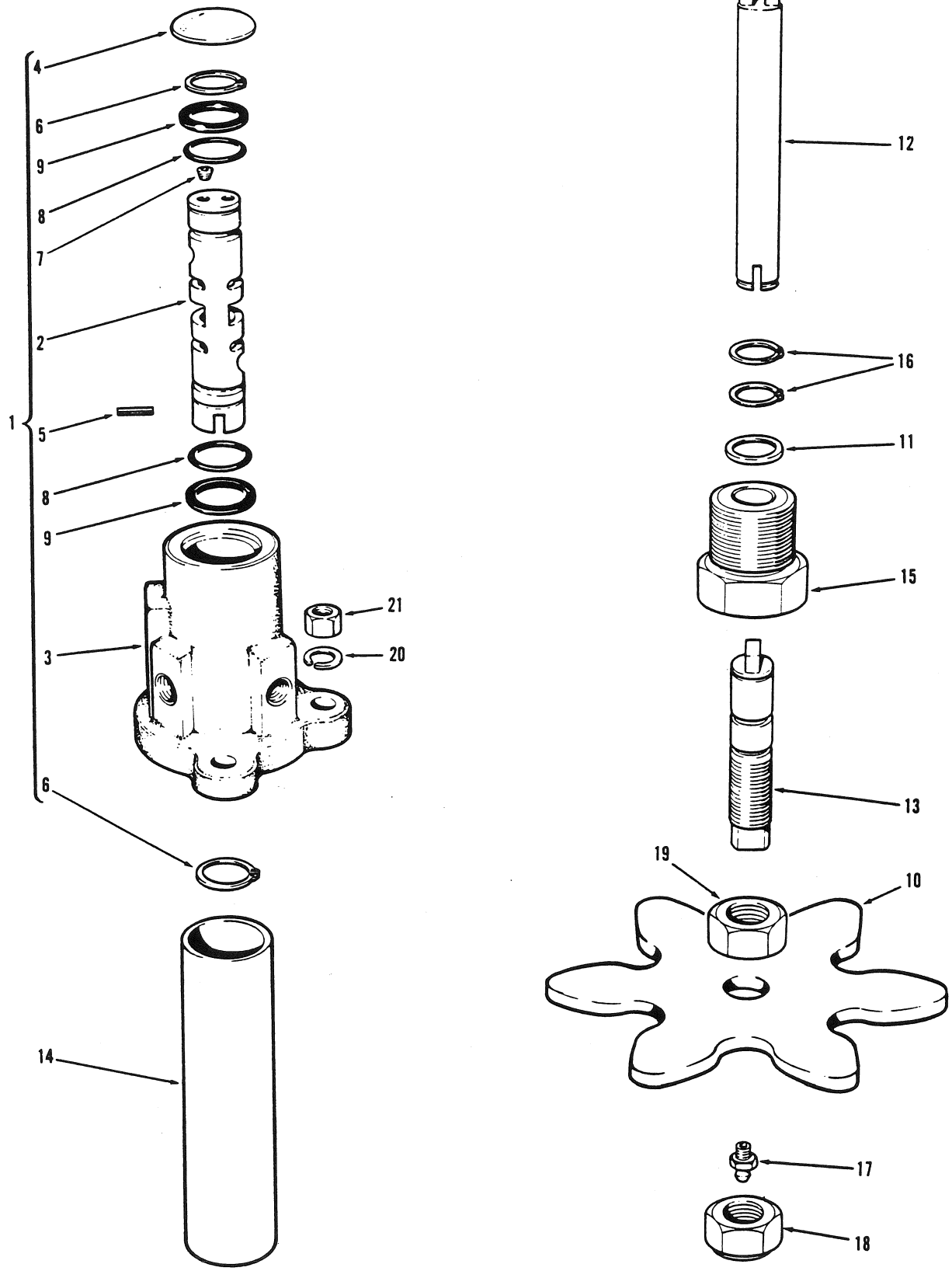
FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

CIRCLE TURN VALVE ASSEMBLY

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	12114	CIRCLE TURN VALVE ASSEMBLY - INCLUDES ITEMS 2 TO 9	1	
2		SPOOL } NOT AVAILABLE	1	
3		BODY } SEPARATELY	1	
4	11A-200	EXPANSION PLUG	1	
5	13C-0616	ROLL PIN	1	
6	19C-125	SNAP RING	2	
7	115D-02	PIPE PLUG	2	
8	*51497	O RING	2	
9	*51498	BACK-UP RING	2	
10	12109	VALVE PINION	1	
11	12427	THRUST RACE	1	
12	14119	DRIVE SHAFT	1	
13	42871	PINION SHAFT	1	
14	42872	GUARD TUBE	1	
15	42873	BEARING	1	
16	19C-100	SNAP RING	2	
17	29A-02	GREASE FITTING	1	
18	37M-16	LOCK NUT	1	
19	31D-16	NUT	1	
20	14A-08	LOCKWASHER	2	
21	30A-08	NUT	2	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS

CHAMPION ROAD MACHINERY



MARCH 1990

CIRCLE TURN VALVE ASSEMBLY

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ISSUE No.
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EFFECTIVE SERIAL NUMBER(S) 19895, 19897 to 19899, 19901,
NUMERO(S) DE SÉRIE EFFECTIF(S) 19902, 19904 to 19916, 19918,
NUMERO(S) DE SERIE EFECTIVO(S) 19920 to 19932, 19934 & UP

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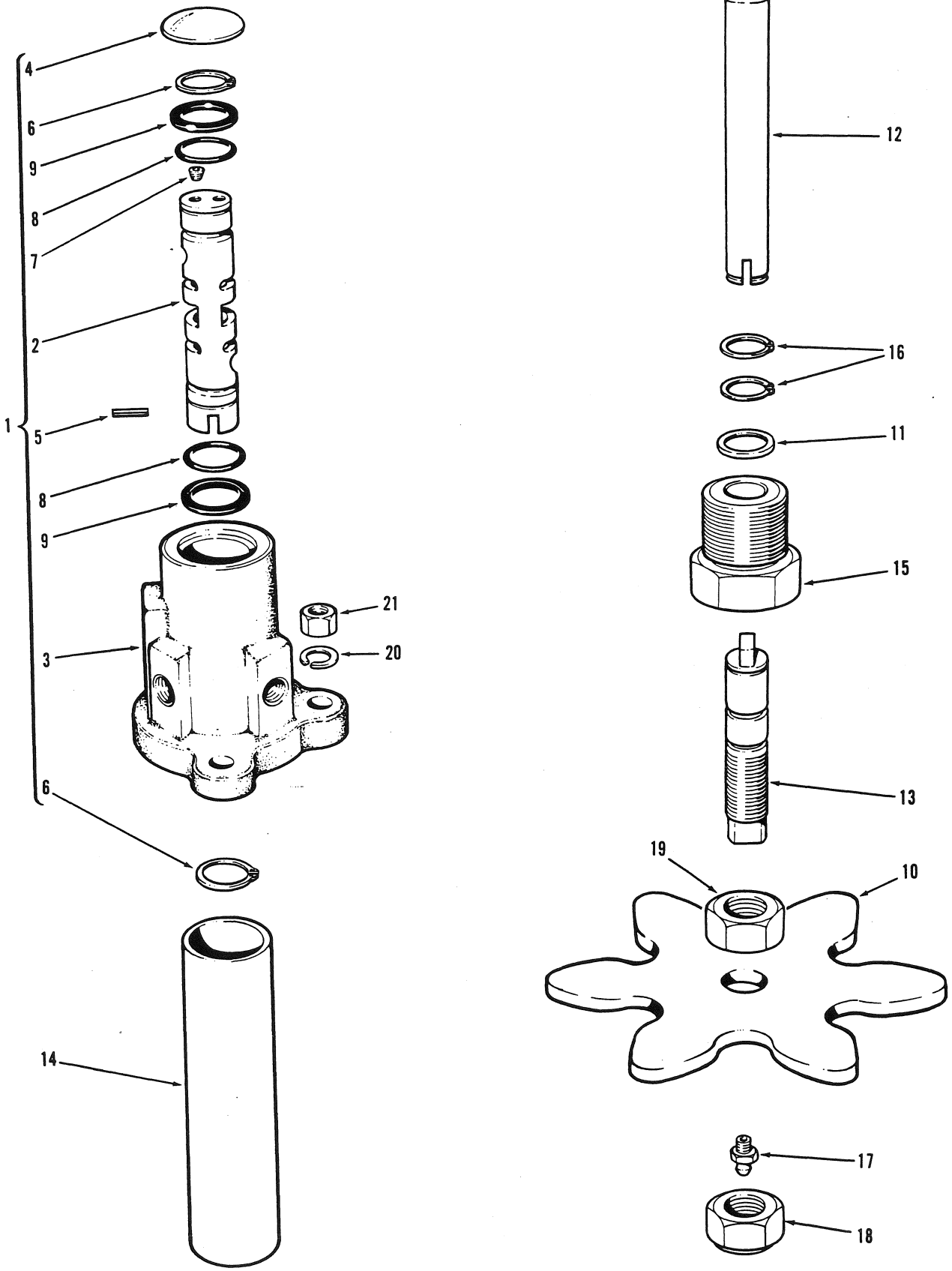
SECTION / SECCION 2 | PAGE / PAGINA 10 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 3

CIRCLE TURN VALVE ASSEMBLY

MARCH 1990

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	12114	CIRCLE TURN VALVE ASSEMBLY - INCLUDES ITEMS 2 TO 9	1	
2		SPOOL } NOT AVAILABLE	1	
3		BODY } SEPARATELY	1	
4	11A-200	EXPANSION PLUG	1	
5	13C-0616	ROLL PIN	1	
6	19C-125	SNAP RING	2	
7	115D-02	PIPE PLUG	2	
8	51497	O RING	2	
9	51498	BACK-UP RING	2	
10	*52338	VALVE PINION	1	
11	12427	THRUST RACE	1	
12	14119	DRIVE SHAFT	1	
13	42871	PINION SHAFT	1	
14	42872	GUARD TUBE	1	
15	42873	BEARING	1	
16	19C-100	SNAP RING	2	
17	29A-02	GREASE FITTING	1	
18	37M-16	LOCK NUT	1	
19	31D-16	NUT	1	
20	14A-08	LOCKWASHER	2	
21	30A-08	NUT	2	

CHAMPION ROAD MACHINERY



MARCH 1991

CIRCLE TURN VALVE ASSEMBLY

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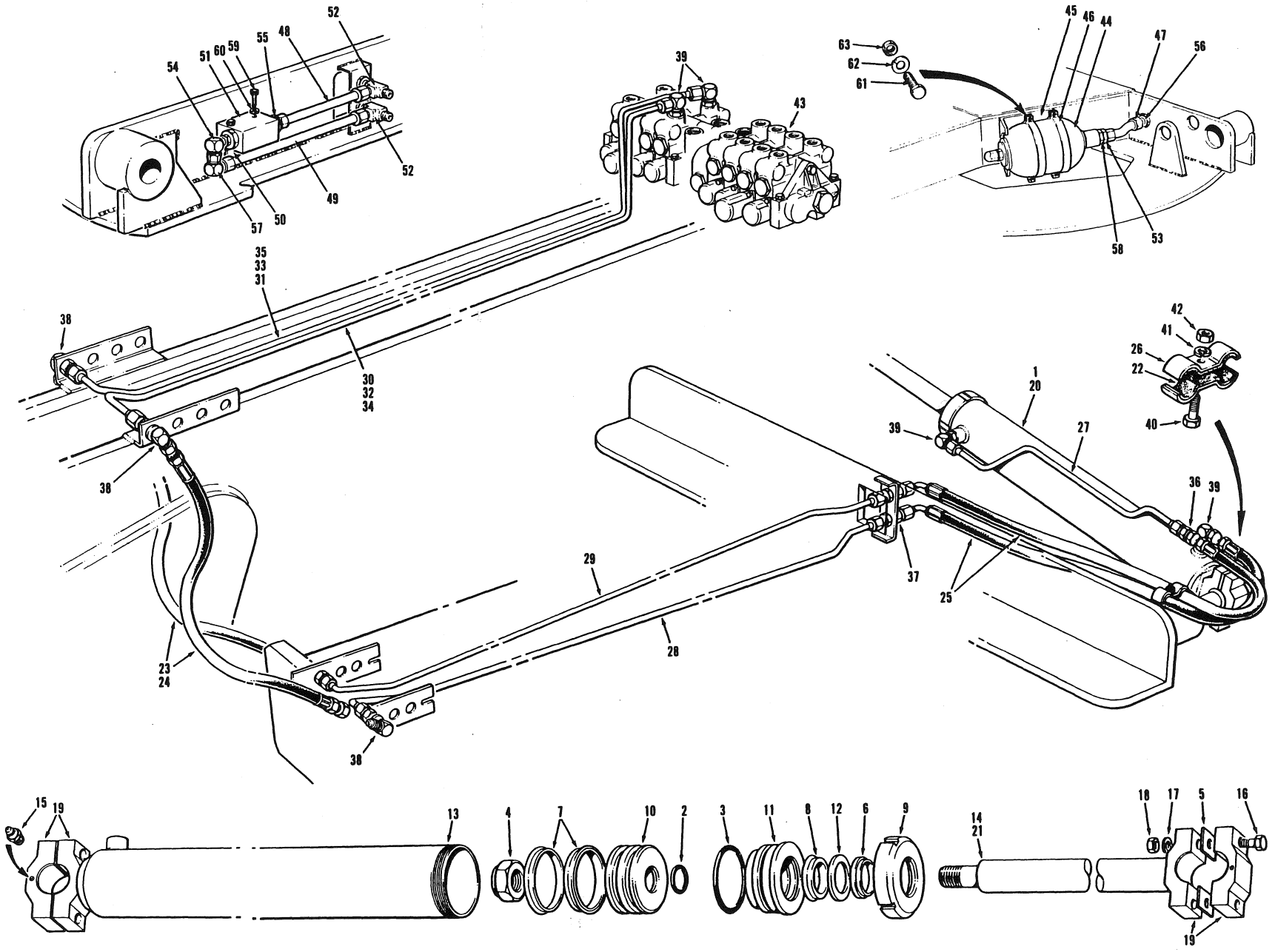
ISSUE No.
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EFFECTIVE SERIAL NUMBER(S) 21283 & UP
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CIRCLE TURN VALVE ASSEMBLY

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	*58158	**CIRCLE TURN VALVE ASSEMBLY** - INCLUDES ITEMS 2 TO 9	1	
2		SPOOL } NOT AVAILABLE	1	
3		BODY } SEPARATELY	1	
4	11A-200	EXPANSION PLUG	1	
5	13C-0616	ROLL PIN	1	
6	19C-125	SNAP RING	2	
7	115D-02	PIPE PLUG	2	
8	*58325	O-RING	2	
9	51498	BACK-UP RING	2	
10	52338	VALVE PINION	1	
11	12427	THRUST RACE	1	
12	14119	DRIVE SHAFT	1	
13	42871	PINION SHAFT	1	
14	42872	GUARD TUBE	1	
15	42873	BEARING	1	
16	19C-100	SNAP RING	2	
17	29A-02	GREASE FITTING	1	
18	37M-16	LOCK NUT	1	
19	31D-16	NUT	1	
20	14A-08	LOCKWASHER	2	
21	30A-08	NUT	2	



ISSUE No.
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CIRCLE SHIFT CYLINDER & CIRCUIT

JANUARY 1987

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224, 16245 TO 16805
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 TO 2419-2

700 SERIES
SERIE 700

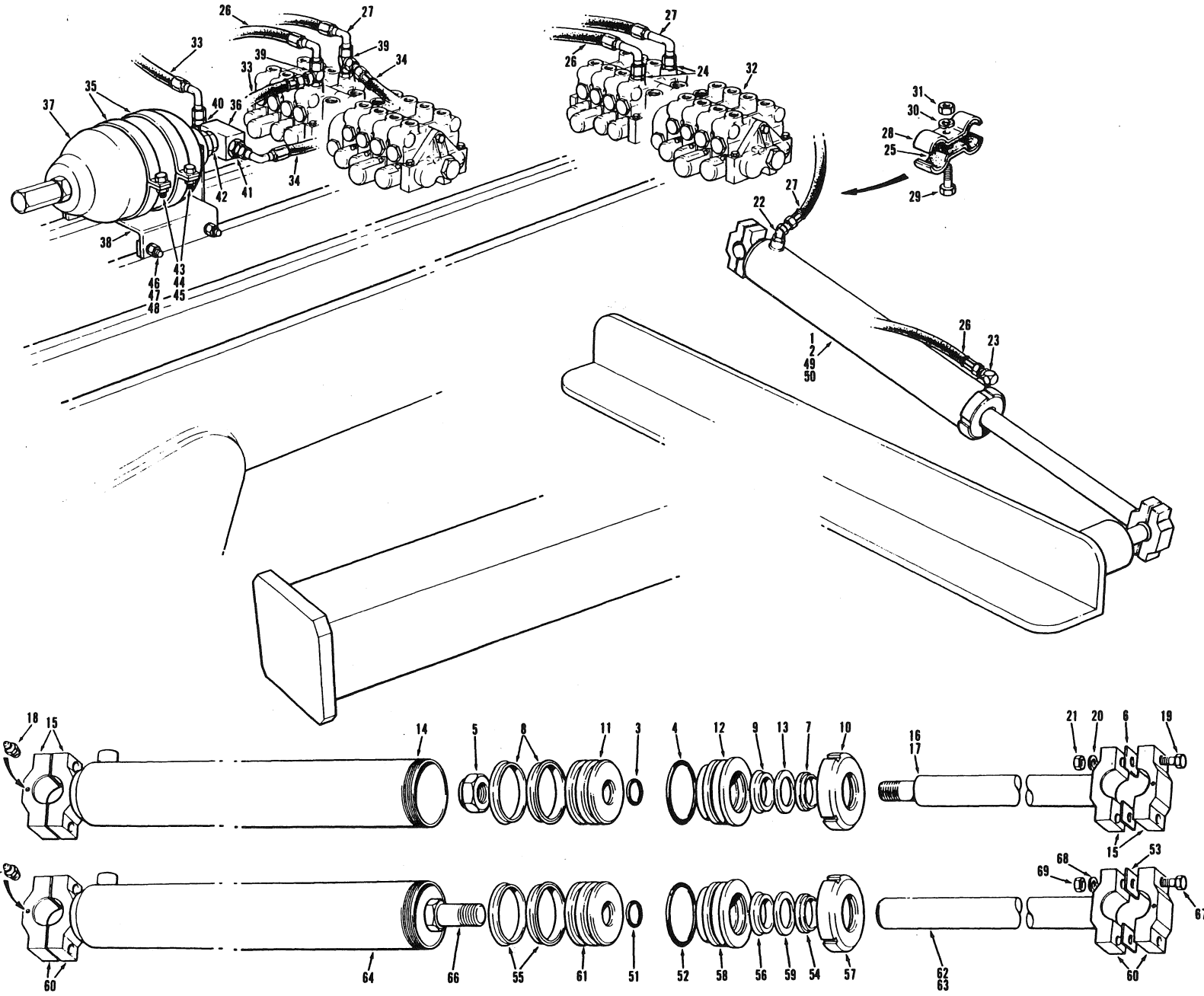
SECTION 2 PAGE 11
SECCION PAGINA

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CIRCLE SHIFT CYLINDER & CIRCUIT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	36043	CIRCLE SHIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 19	1	
2	12A-218	O RING	1	
3	12A-342	O RING	1	
4	37H-20	LOCKNUT	1	
5	872	SHIM	6	
6	12035	WIPER RING	1	
7	12036	PISTON SEAL	2	
8	12037	ROD SEAL	1	
9	17608	CYLINDER NUT	1	
10	17609	PISTON	1	
11	17610	GLAND	1	
12	17614	WASHER	1	
13	26883	CYLINDER BARREL	1	
14	36044	PISTON ROD	1	
15	29A-02	GREASE FITTING	2	
16	*50A-1028	BOLT	4	
17	14A-10	LOCKWASHER	4	
18	30A-10	NUT	4	
19	30146	BALL CAP	A.R.	REPAIR PART
20	26884	HEAVY CIRCLE CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 13,15 TO 19 & 21	1	OPTIONAL 740, 740A & 760
21	26882	HEAVY CIRCLE CYLINDER PISTON ROD	1	
	26409	REPAIR KIT FOR 36043 & 26884 CYLINDER ASSY. - INCLUDES ITEMS 2 TO 4,6 TO 8 & 12	A.R.	
22	9298	RUBBER PAD	4	
23	9313 X 36	HOSE	2	710 THRU 730A
24	9313 X 42	HOSE	2	740, 740A & 760
25	14382 X 52	HOSE	2	
26	27756	CLAMP	4	
27	36432	TUBE	1	
28	36433	TUBE - L.H.	1	
29	36434	TUBE - R.H.	1	
30	*41266	TUBE - L.H.	1	710 & 710A
31	*41267	TUBE - R.H.	1	
32	*41278	TUBE - L.H.	1	720,720A, 730 730A
33	*41279	TUBE - R.H.	1	
34	*41290	TUBE - L.H.	1	740, 740A & 760
35	*41291	TUBE - R.H.	1	
36	110L-08	CONNECTOR	1	
37	110N-08	CONNECTOR	2	
38	110W-0808	CONNECTOR	4	
39	111B-0808	CONNECTOR	4	
40	50A-0612	BOLT	1	
41	14A-06	LOCKWASHER	2	
42	30A-06	NUT	2	
43		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
		ACCUMULATOR INSTALLATION		OPTIONAL
44	*14007	ACCUMULATOR	1	
45	*15754	BRACKET	1	REPAIR PART
46	*15755	CLAMP	2	
47	*36056	TUBE	1	
48	*36057	TUBE	1	
49	*36058	TUBE	1	
50	*36059	BRACKET	1	REPAIR PART
51	*36060	SHUTTLE VALVE - MODIFIED	1	
52	*110AC-08	TEE	2	
53	*110G-0808	CONNECTOR	1	
54	*111B-0808	CONNECTOR	1	
55	*111E-0808	CONNECTOR	1	
56	*111F-0808	CONNECTOR	1	
57	*112B-08	CONNECTOR	1	
58	*115B-2008	BUSHING	1	
59	*50A-0416	BOLT	2	
60	*14A-04	LOCKWASHER	2	
61	*50A-0616	BOLT	4	
62	*14A-06	LOCKWASHER	4	
63	*30A-06	NUT	4	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2

CIRCLE SHIFT CYLINDER & CIRCUIT

DECEMBER 1985

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16806 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2420-2 & UP

700 SERIES
SERIE 700

SECTION 2 PAGE 11
SECCION 2 PAGINA 11

USE ONLY CHAMPION APPROVED PARTS

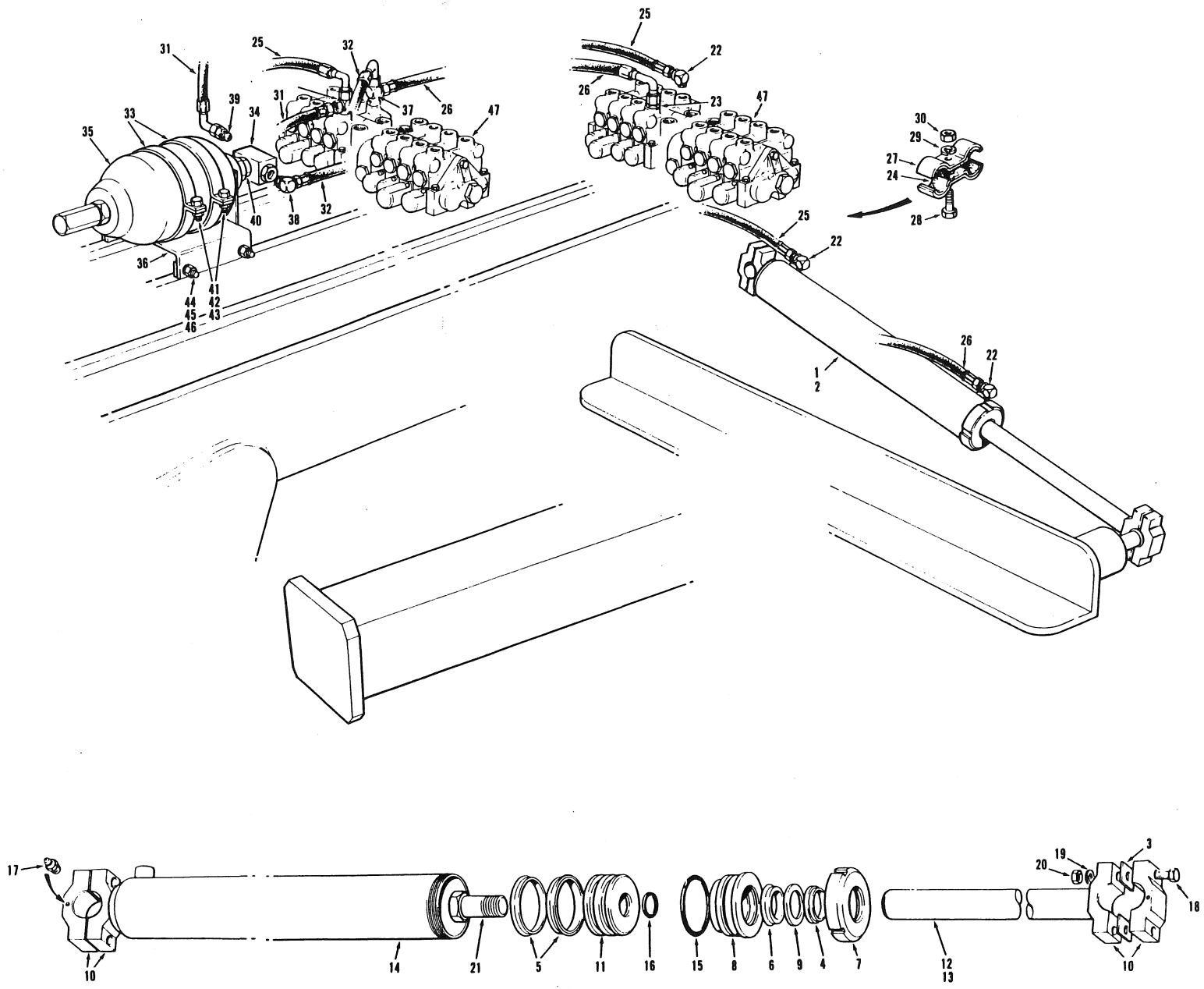
FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

CIRCLE SHIFT CYLINDER & CIRCUIT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CIRCLE SHIFT CYLINDERS - LOCKNUT VERSION		
1	36043	CIRCLE SHIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 3 TO 15 & 17 TO 21	1	
2	26884	HEAVY CIRCLE CYLINDER ASSEMBLY - INCLUDES ITEMS 3 TO 16 & 18 TO 21	1	OPTIONAL 740 THRU 760
3	12A-218	O RING	1	
4	12A-342	O RING	1	
5	37H-20	LOCKNUT	1	
6	872	SHIM	6	
7	12035	WIPER RING	1	
8	12036	PISTON SEAL	2	
9	12037	ROD SEAL	1	
10	17608	CYLINDER NUT	1	
11	17609	PISTON	1	
12	17610	GLAND	1	
13	17614	WASHER	1	
14	26883	CYLINDER BARREL	1	
15	30146	BALL CAP	A.R.	REPAIR PART
16	26882	PISTON ROD - HEAVY CIRCLE CYLINDER	1	OPTIONAL
17	36044	PISTON ROD	1	
18	29A-02	GREASE FITTING	2	
19	50A-1028	BOLT	4	
20	14A-10	LOCKWASHER	4	
21	30A-10	NUT	4	
	26409	REPAIR KIT FOR 36043 & 26884 CYLINDER ASSY. - INCLUDES ITEMS 2 TO 4,6 TO 8 & 12	A.R.	
22	111A-0808	CONNECTOR	1	
23	111B-0808	CONNECTOR	1	
24	111E-0808	CONNECTOR	2	
25	9298	RUBBER PAD	2	
26	9313 X 42	HOSE	1	
27	14382 X 66	HOSE	1	
28	27756	CLAMP	2	
29	50A-0610	BOLT	1	
30	14A-06	LOCKWASHER	1	
31	30A-06	NUT	1	
32		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		ACCUMULATOR INSTALLATION		OPTIONAL
33	14383 X 12	HOSE	1	
34	14382 X 14	HOSE	1	
35	15755	CLAMP	2	
36	36060	SHUTTLE VALVE - MODIFIED	1	
37	37048	ACCUMULATOR	1	
38	42507	BRACKET	1	
39	110D-0808	TEE	2	
40	111B-0808	CONNECTOR	1	
41	111E-0808	CONNECTOR	1	
42	111M-2008	CONNECTOR	1	
43	50A-0506	CAPSCREW	4	
44	14A-06	LOCKWASHER	4	
45	30A-06	NUT	4	
46	50A-0616	CAPSCREW	1	
47	14A-06	LOCKWASHER	1	
48	30A-06	NUT	1	
		MODIFIED CIRCLE SHIFT CYLINDERS		
49	*42176	CIRCLE SHIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 51 TO 62 & 64 TO 69	1	
50	*42451	HEAVY CIRCLE CYLINDER ASSEMBLY - INCLUDES ITEMS 51 TO 61 & 63 TO 69	1	OPTIONAL 740 THRU 760
51	12A-224	O RING	1	
52	12A-342	O RING	1	
53	872	SHIM	6	
54	12035	WIPER RING	1	
55	12036	PISTON SEAL	2	
56	12037	ROD SEAL	1	
57	17608	CYLINDER NUT	1	
58	17610	GLAND	1	
59	17614	WASHER	1	
60	30146	BALL CAP	A.R.	REPAIR PART
61	*42151	PISTON	1	
62	*42177	PISTON ROD	1	
63	*42452	PISTON ROD - HEAVY CIRCLE CYLINDER	1	OPTIONAL
64	*42178	CYLINDER BARREL	1	
65	29A-02	GREASE FITTING	2	
66	*51A-1622	BOLT	1	
67	50A-1028	BOLT	4	
68	14A-10	LOCKWASHER	4	
69	30A-10	NUT	4	

EFFECTIVE SERIAL NUMBER(S) 17430 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)



USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

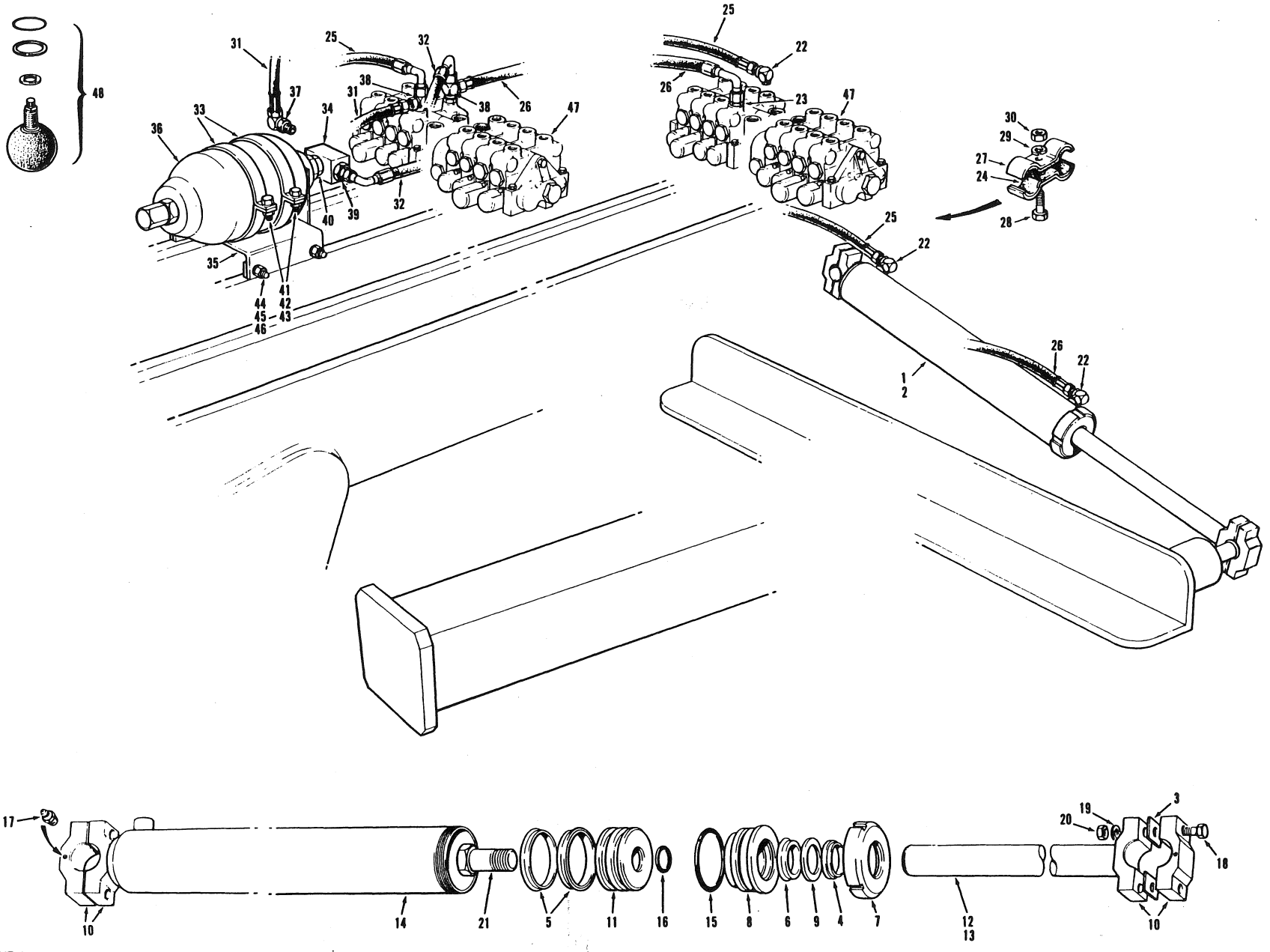
SECTION / SECCION 2 | PAGE / PAGINA 12 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 3

CIRCLE SHIFT CYLINDER & CIRCUIT

APRIL 1987

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CIRCLE SHIFT CYLINDERS		
1	42176	CIRCLE SHIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 3 TO 12 & 14 TO 21	1	MODEL 710 THRU 740A
2	42451	HEAVY CIRCLE CYLINDER ASSEMBLY - INCLUDES ITEMS 3 TO 11 & 13 TO 21 **(ITEM 2 IS OPTIONAL ON MODEL 740 & 740A)**	1	MODEL 780 & 780A
3	872	SHIM	6	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	CYLINDER NUT	1	
8	17610	GLAND	1	
9	17614	WASHER	1	
10	30146	BALL CAP	A.R.	REPAIR PART
11	42151	PISTON	1	
12	42177	PISTON ROD	1	
13	42452	PISTON ROD - HEAVY CIRCLE CYLINDER	1	OPTIONAL
14	42178	CYLINDER BARREL	1	
15	*44244	O RING	1	
16	12A-224	O RING	1	
17	29A-02	GREASE FITTING	2	
18	50A-1028	BOLT	4	
19	14A-10	LOCKWASHER	4	
20	30A-10	NUT	4	
21	51A-1622	BOLT	1	
	43182	REPAIR KIT FOR 42176 & 42451 CYLINDER ASSY. - INCLUDES ITEMS 4,5,6,9,15,16 & 21		
22	111B-0808	CONNECTOR	3	
23	111E-0808	CONNECTOR	1	
24	9298	RUBBER PAD	2	
25	9313 X 42	HOSE	1	
26	14382 X 66	HOSE	1	
27	27756	CLAMP	2	
28	50A-0610	BOLT	1	
29	14A-06	LOCKWASHER	1	
30	30A-06	NUT	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		ACCUMULATOR INSTALLATION		OPTIONAL
31	14383 X 12	HOSE	1	
32	14382 X 14	HOSE	1	
33	15755	CLAMP	2	
34	36060	SHUTTLE VALVE - MODIFIED	1	
35	37048	ACCUMULATOR	1	
36	42507	BRACKET	1	
37	110D-0808	TEE	2	
38	111B-0808	CONNECTOR	1	
39	111E-0808	CONNECTOR	1	
40	111M-2008	CONNECTOR	1	
41	*50A-0516	BOLT	4	
42	*14A-05	LOCKWASHER	4	
43	*30A-05	NUT	4	
44	50A-0616	BOLT	4	
45	14A-06	LOCKWASHER	4	
46	30A-06	NUT	4	
47		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8



EFFECTIVE SERIAL NUMBER(S) 18362 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 2 PAGE 11
SECCION 2 PAGINA 11

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

CIRCLE SHIFT CYLINDER & CIRCUIT

SEPTEMBER 1987

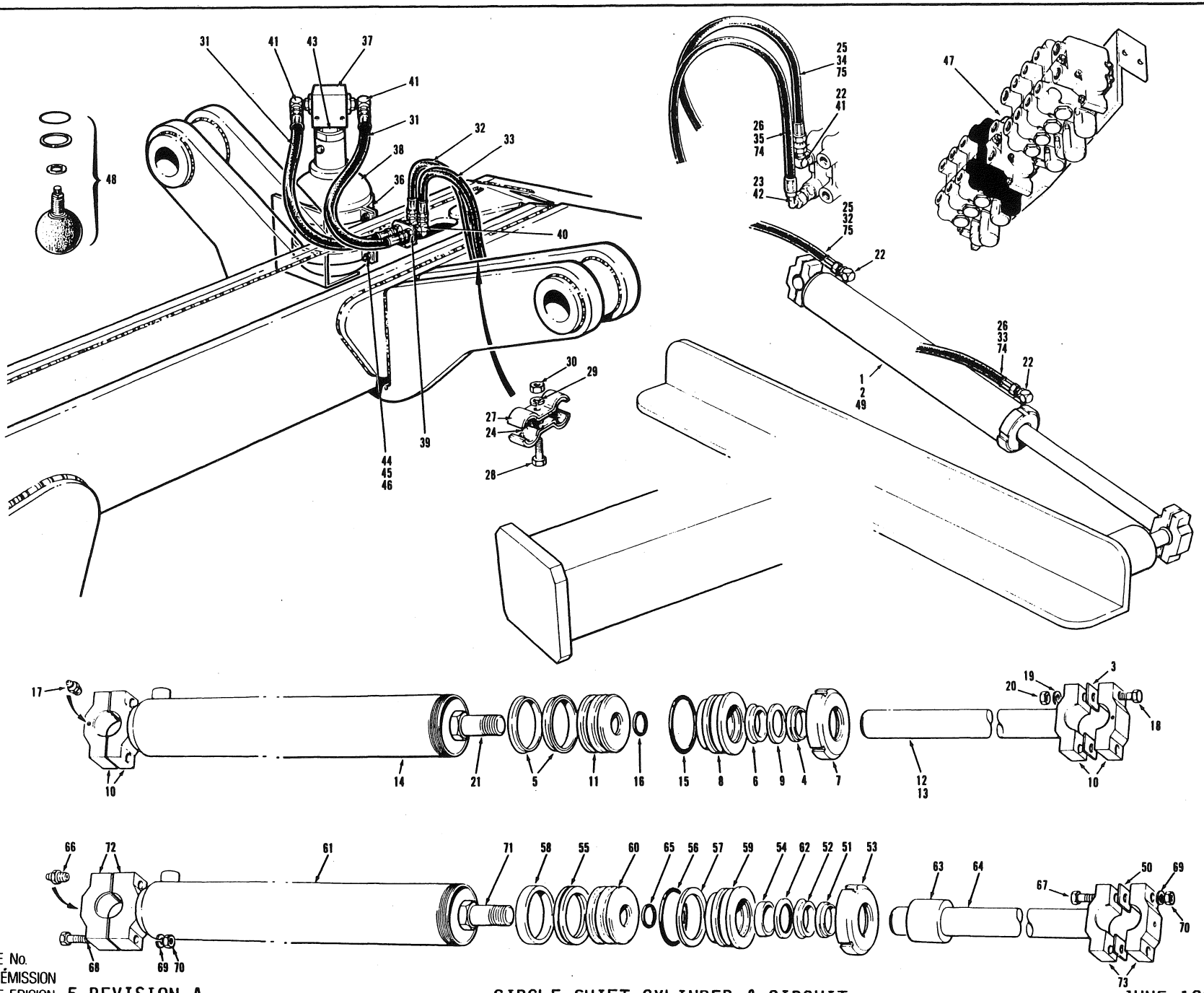
FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CIRCLE SHIFT CYLINDERS		
1	42176	CIRCLE SHIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 3 TO 12 & 14 TO 21	1	MODEL 710 THRU 740A
2	42451	HEAVY CIRCLE CYLINDER ASSEMBLY - INCLUDES ITEMS 3 TO 11 & 13 TO 21 **(ITEM 2 IS OPTIONAL ON MODEL 740 & 740A)**	1	MODEL 780 & 780A
3	872	SHIM	6	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	CYLINDER NUT	1	
8	17610	GLAND	1	
9	17614	WASHER	1	
10	30146	BALL CAP	A.R.	REPAIR PART
11	42151	PISTON	1	
12	42177	PISTON ROD	1	
13	42452	PISTON ROD - HEAVY CIRCLE CYLINDER	1	OPTIONAL
14	42178	CYLINDER BARREL	1	
15	44244	O RING	1	
16	12A-224	O RING	1	
17	29A-02	GREASE FITTING	2	
18	50A-1028	BOLT	4	
19	14A-10	LOCKWASHER	4	
20	30A-10	NUT	4	
21	51A-1622	BOLT	1	
	43182	REPAIR KIT FOR 42176 & 42451 CYLINDER ASSY. - INCLUDES ITEMS 4,5,6,9,15,16 & 21		
22	111B-0808	CONNECTOR	3	
23	111E-0808	CONNECTOR	1	
24	9298	RUBBER PAD	2	
25	9313 X 42	HOSE	1	
26	14382 X 66	HOSE	1	
27	27756	CLAMP	2	
28	50A-0610	BOLT	1	
29	14A-06	LOCKWASHER	1	
30	30A-06	NUT	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		ACCUMULATOR INSTALLATION		OPTIONAL
31	*14382 X 12	HOSE	1	
32	14382 X 14	HOSE	1	
33	15755	CLAMP	2	
34	36060	SHUTTLE VALVE - MODIFIED	1	
35	42507	BRACKET	1	
36	*45807	ACCUMULATOR	1	
37	111B-0808	CONNECTOR	1	
38	*111D-0808	TEE	2	
39	111E-0808	CONNECTOR	1	
40	*111P-2008	CONNECTOR	1	
41	*50A-0612	BOLT	4	
42	14A-05	LOCKWASHER	4	
43	30A-05	NUT	4	
44	*50A-0608	BOLT	4	
45	14A-06	LOCKWASHER	4	
46	30A-06	NUT	4	
47		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
	*16042	ACCUMULATOR CHARGING KIT - CONSISTS OF:	A.R.	
		PRESSURE GAUGE ADAPTER AIR CHUCK TANK VALVE ASSY. BLEEDER VALVE } GAUGING HEAD ASSY.		
		SWIVEL CONNECTOR HOSE COUPLING GLAND STD. L.H. GLAND NUT } CHARGING HOSE ASSY.		
48	*46266	ACCUMULATOR BLADDER KIT - CONSISTS OF: O RING, RETAINING RING, SEAL & BLADDER	1	

EFFECTIVE SERIAL NUMBER(S) 18578,18590,18592
NUMERO(S) DE SÉRIE EFFECTIF(S) TO 19054
NUMERO(S) DE SERIE EFECTIVO(S)



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5 REVISION A

CIRCLE SHIFT CYLINDER & CIRCUIT

JUNE 1988

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

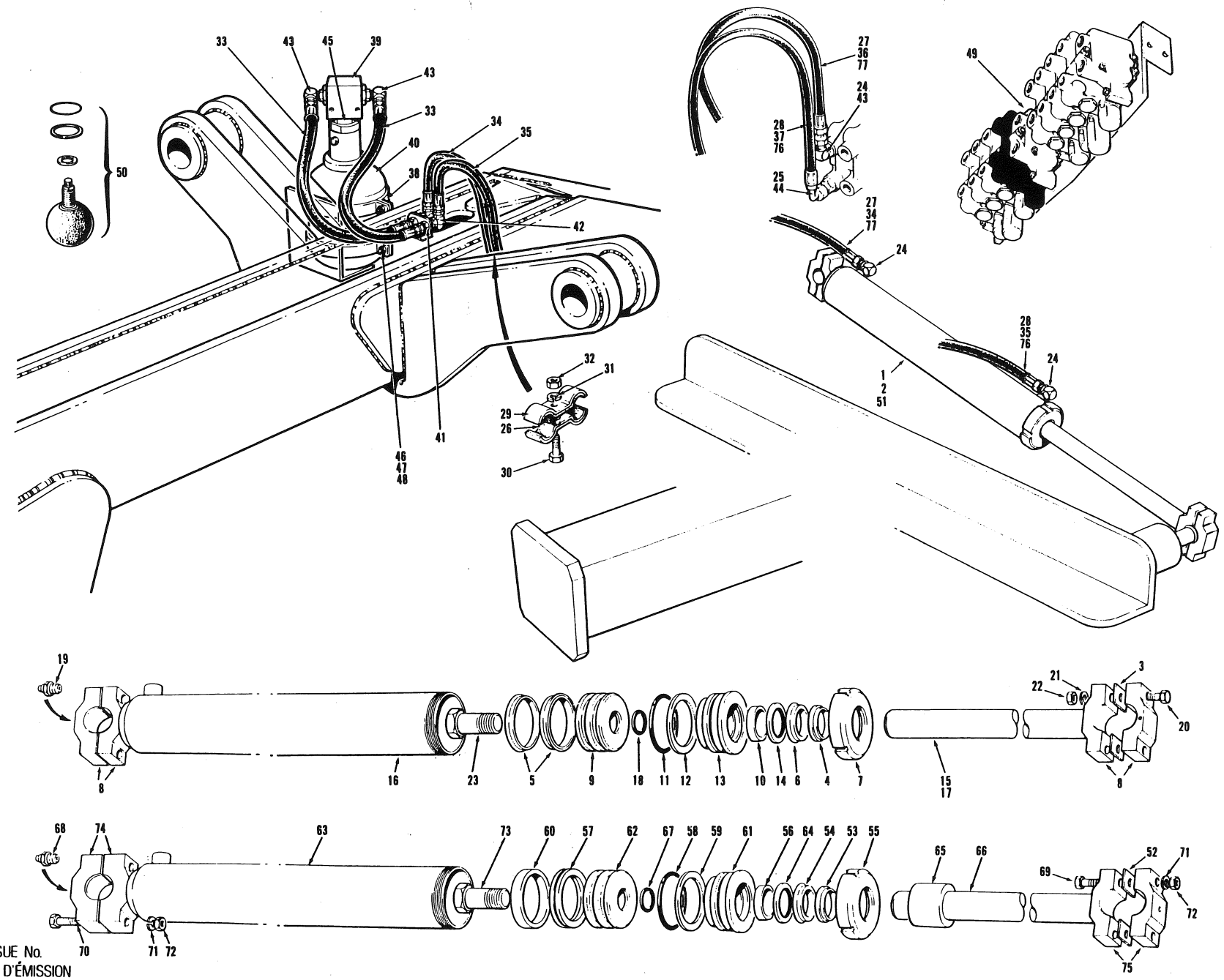
700 SERIES
SERIE 700

SECTION 2 PAGE 11
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CIRCLE SHIFT CYLINDERS		
1	42176	CIRCLE SHIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 3 TO 12 & 14 TO 21	1	MODEL 710 THRU 750A
2	42451	HEAVY CIRCLE CYLINDER ASSEMBLY - INCLUDES ITEMS 3 TO 11 & 13 TO 21 **(ITEM 2 IS OPTIONAL ON MODEL 740 & 740A)**	1	MODEL 780 & 780A
3	872	SHIM	6	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	CYLINDER NUT	1	
8	17610	GLAND	1	
9	17614	WASHER	1	
10	30146	BALL CAP	A.R.	REPAIR PART
11	42151	PISTON	1	
12	42177	PISTON ROD	1	
13	42452	PISTON ROD - HEAVY CIRCLE CYLINDER	1	OPTIONAL
14	42178	CYLINDER BARREL	1	
15	44244	O RING	1	
16	12A-224	O RING	1	
17	29A-02	GREASE FITTING	2	
18	50A-1028	BOLT	4	
19	14A-10	LOCKWASHER	4	
20	30A-10	NUT	4	
21	51A-1622	BOLT	1	
	43182	REPAIR KIT FOR 42176 & 42451 CYLINDER ASSY. - INCLUDES ITEMS 4,5,6,9,15,16 & 21		
22	111B-0808	CONNECTOR	3	
23	111E-0808	CONNECTOR	1	
24	9298	RUBBER PAD	2	
25	*9313 X 155	HOSE	1	
26	*14382 X 135	HOSE	1	
27	27756	CLAMP	2	
28	50A-0610	BOLT	1	
29	14A-06	LOCKWASHER	1	
30	30A-06	NUT	1	
		ACCUMULATOR INSTALLATION		OPTIONAL
31	9313 X 14	HOSE	2	
32	9313 X 48	HOSE	1	
33	9313 X 72	HOSE	1	
34	9313 X 115	HOSE	1	
35	14382 X 115	HOSE	1	
36	15755	CLAMP	2	
37	36060	SHUTTLE VALVE - MODIFIED	1	
38	45807	ACCUMULATOR	1	
39	110N-08	CONNECTOR	2	
40	110Z-0808	TEE	2	
41	111B-0808	CONNECTOR	3	
42	111E-0808	CONNECTOR	1	
43	111M-2008	CONNECTOR	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
44	50A-0612	BOLT	4	
45	14A-05	LOCKWASHER	4	
46	30A-06	NUT	4	
47		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
	16042	ACCUMULATOR CHARGING KIT - CONSISTS OF:	A.R.	
		PRESSURE GAUGE ADAPTER AIR CHUCK TANK VALVE ASSY. BLEEDER VALVE } GAUGING HEAD ASSY.		
		SWIVEL CONNECTOR HOSE COUPLING GLAND STD. L.H. GLAND NUT } CHARGING HOSE ASSY.		
48	46266	ACCUMULATOR BLADDER KIT - CONSISTS OF: O RING, RETAINING RING, SEAL & BLADDER	1	
		MOVEABLE POINT CIRCLE SHIFT		
49	*49673	CIRCLE SHIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 50 TO 73	1	
50	872	SHIM	6	
51	12035	WIPER RING	1	
52	12037	ROD SEAL	1	
53	17608	CYLINDER NUT	1	
54	43074	WEAR RING	1	
55	43075	PISTON RING	1	
56	44244	O RING	1	
57	44266	BACK UP RING	1	
58	*45639	WEAR RING	1	
59	*45734	GLAND	1	
60	*45737	PISTON	1	
61	*49674	CYLINDER BARREL	1	
62	*45890	BUFFER RING	1	
63	*46447	STOP TUBE	1	
64	*49195	PISTON ROD	1	
65	12A-224	O RING	1	
66	28A-04	GREASE FITTING	2	
67	50A-1028	BOLT	2	
68	50A-1032	BOLT	2	
69	14A-10	LOCKWASHER	4	
70	30A-10	NUT	4	
71	51A-1622	BOLT	A.R.	
72	*46089	BALL CAP	A.R.	REPAIR
73	*46309	BALL CAP	A.R.	PART
74	*14382 X 135	HOSE	1	
75	*9313 X 135	HOSE	1	
	*48954	REPAIR KIT FOR 49673 CYLINDER ASSY. INCLUDES ITEMS 51,52,54 TO 58,62,65 & 71		



EFFECTIVE SERIAL NUMBER(S) 19055 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 2 PAGE 11
SECCION 2 PAGINA 11

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

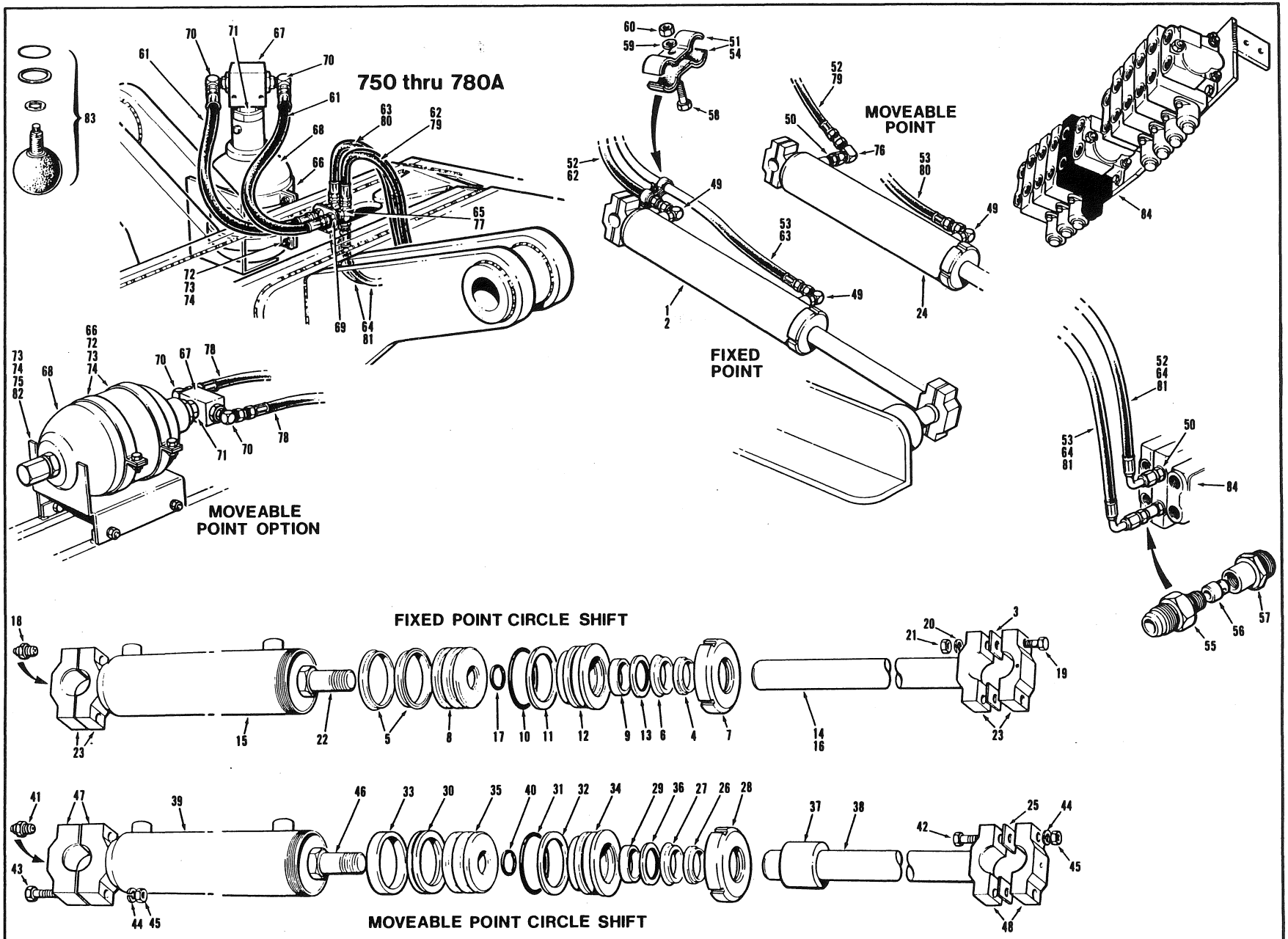
ISSUE No. 6
Nº D'ÉMISSION
Nº DE EDICION

CIRCLE SHIFT CYLINDER & CIRCUIT

JUNE 1988

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		CIRCLE SHIFT CYLINDERS		
1	*46090	CIRCLE SHIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 3 TO 16 & 18 TO 23	1	MODEL 710 THRU 750A
2	*46306	HEAVY CIRCLE CYLINDER ASSEMBLY - INCLUDES ITEMS 3 TO 14 & 16 TO 23 (ITEM 2 IS OPTIONAL ON MODEL 740 & 740A)	1	MODEL 780 & 780A
3	872	SHIM	6	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	CYLINDER NUT	1	
8	*46309	BALL CAP	A.R.	REPAIR PART
9	42151	PISTON	1	
10	*43074	WEAR RING	1	
11	44244	O RING	1	
12	*44266	BACK UP RING	1	
13	*45734	GLAND	1	
14	*45890	BUFFER RING	1	
15	*46091	PISTON ROD	1	
16	*46092	CYLINDER BARREL	1	
17	*46308	PISTON ROD - HEAVY CIRCLE CYLINDER	1	
18	12A-224	O RING	1	
19	29A-02	GREASE FITTING	2	
20	50A-1028	BOLT	4	
21	14A-10	LOCKWASHER	4	
22	30A-10	NUT	4	
23	*50A-1620	BOLT	1	
	*48953	REPAIR KIT FOR 46090 & 46306 CYLINDER ASSY. - INCLUDES ITEMS 4,5,6,10,11,14 TO 23		
24	111B-0808	CONNECTOR	3	
25	111E-0808	CONNECTOR	1	
26	9298	RUBBER PAD	2	
27	9313 X 155	HOSE	1	
28	14382 X 135	HOSE	1	
29	27756	CLAMP	2	
30	50A-0610	BOLT	1	
31	14A-06	LOCKWASHER	1	
32	30A-06	NUT	1	
		ACCUMULATOR INSTALLATION		OPTIONAL
33	9313 X 14	HOSE	2	
34	9313 X 48	HOSE	1	
35	9313 X 72	HOSE	1	
36	9313 X 115	HOSE	1	
37	14382 X 115	HOSE	1	
38	15755	CLAMP	2	
39	36060	SHUTTLE VALVE - MODIFIED	1	
40	45807	ACCUMULATOR	1	
41	110N-08	CONNECTOR	2	
42	110Z-0808	TEE	2	
43	111B-0808	CONNECTOR	3	
44	111E-0808	CONNECTOR	1	
45	111M-2008	CONNECTOR	1	
46	50A-0612	BOLT	4	
47	14A-05	LOCKWASHER	4	
48	30A-06	NUT	4	
49		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
	16042	ACCUMULATOR CHARGING KIT - CONSISTS OF:	A.R.	
		PRESSURE GAUGE, ADAPTER, AIR CHUCK, TANK VALVE ASSY., BLEEDER VALVE } GAUGING HEAD ASSY.		
		SWIVEL CONNECTOR, HOSE, COUPLING, GLAND, STD. L.H. GLAND NUT } CHARGING HOSE ASSY.		
50	46266	ACCUMULATOR BLADDER KIT - CONSISTS OF: O RING, RETAINING RING, SEAL & BLADDER	1	
		MOVEABLE POINT CIRCLE SHIFT		
51	49673	CIRCLE SHIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 52 TO 75	1	
52	872	SHIM	6	
53	12035	WIPER RING	1	
54	12037	ROD SEAL	1	
55	17608	CYLINDER NUT	1	
56	43074	WEAR RING	1	
57	43075	PISTON RING	1	
58	44244	O RING	1	
59	44266	BACK UP RING	1	
60	45639	WEAR RING	1	
61	45734	GLAND	1	
62	45737	PISTON	1	
63	49674	CYLINDER BARREL	1	
64	45890	BUFFER RING	1	
65	46447	STOP TUBE	1	
66	49195	PISTON ROD	1	
67	12A-224	O RING	1	
68	28A-04	GREASE FITTING	2	
69	50A-1028	BOLT	2	
70	50A-1032	BOLT	2	
71	14A-10	LOCKWASHER	4	
72	30A-10	NUT	4	
73	51A-1622	BOLT	A.R.	
74	46089	BALL CAP	A.R.	REPAIR
75	46309	BALL CAP	A.R.	PART
76	14382 X 135	HOSE	1	
77	9313 X 135	HOSE	1	
	48954	REPAIR KIT FOR 49673 CYLINDER ASSY. INCLUDES ITEMS 53,54,56 TO 60,64,67,& 73		



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

19292 TO 19504

700 SERIES
SERIE 700

SECTION 2 PAGE 11
SECCION 2 PAGINA 11

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 7

CIRCLE SHIFT CYLINDER & CIRCUIT

APRIL 1989

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

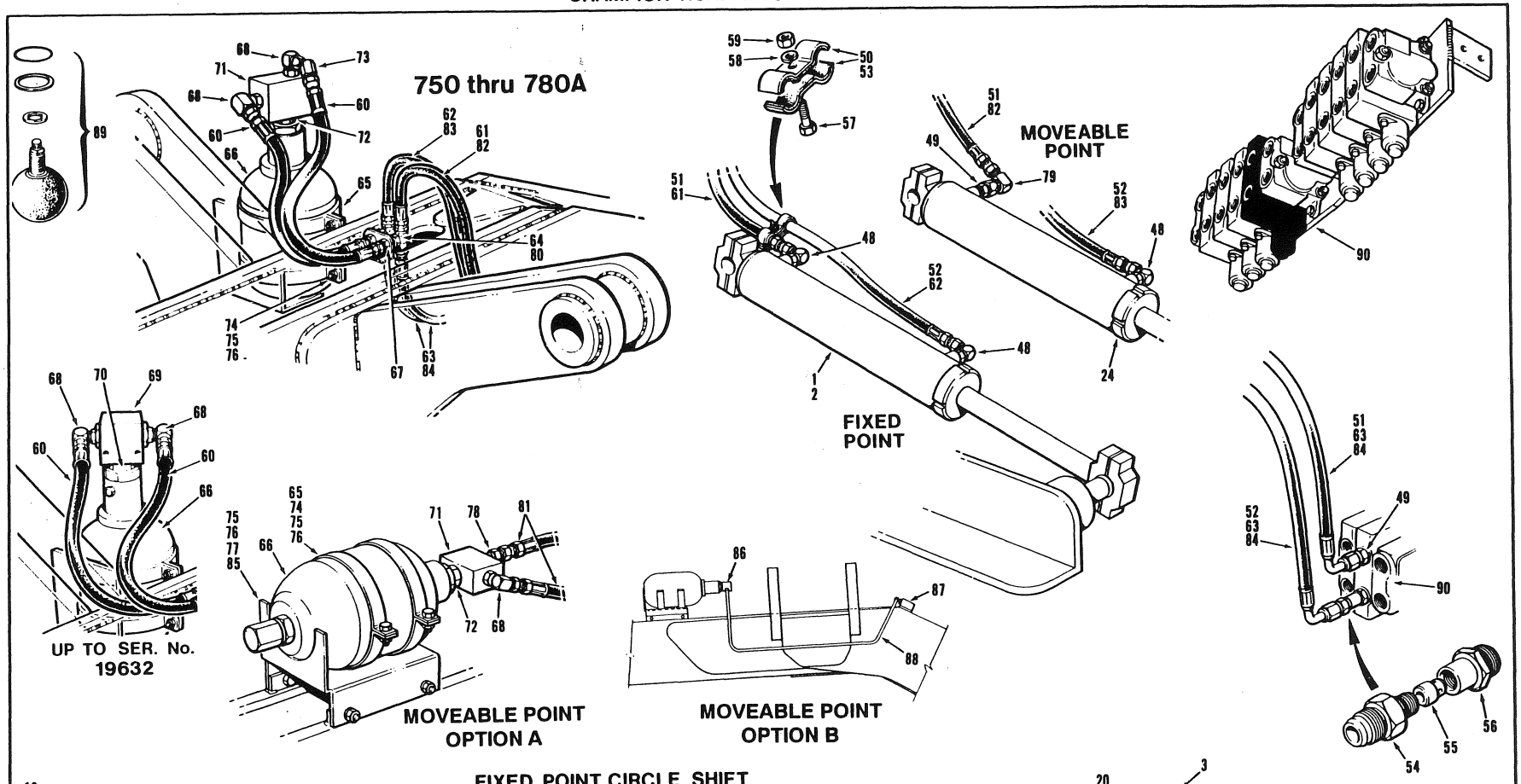
SECTION / SECCION 2 | PAGE / PAGINA 12 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 7

CIRCLE SHIFT CYLINDER & CIRCUIT

APRIL 1989

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		FIXED POINT CIRCLE SHIFT CYLINDERS		
1	46090	CIRCLE SHIFT CYLINDER ASSEMBLY - INCLUDESITEMS 3 TO 15 & 17 TO 23	1	MODELS 710 thru 740A
2	46306	HEAVY CIRCLE SHIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 3 TO 13 & 15 TO 23	1	MODELS 750 thru 780A
3	872	SHIM	A.R.	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	CYLINDER NUT	1	
8	42151	PISTON	1	
9	43074	WEAR RING	1	
10	44244	O RING	1	
11	44266	BACK-UP RING	1	
12	45734	GLAND	1	
13	45890	BUFFER RING	1	
14	46091	PISTON ROD	1	
15	46092	CYLINDER BARREL	1	
16	46308	PISTON ROD - HEAVY CIRCLE SHIFT CYLINDER	1	750 thru 780A
17	12A-224	O RING	1	
18	29A-02	GREASE FITTING	2	
19	50A-1028	BOLT	4	
20	14A-10	LOCKWASHER	4	
21	30A-10	NUT	4	
22	50A-1620	BOLT	1	
23	46309	BALL CAP	A.R.	REPAIR PART
	48953	REPAIR KIT FOR 46090 & 46306 CYLINDER ASSEMBLY - INCLUDES ITEMS 4, 5, 6, 9, 10, 11, 13, 17 & 22	A.R.	
		MOVEABLE POINT CIRCLE SHIFT CYLINDER		OPTIONAL - 710 thru 740A
24	49673	CIRCLE SHIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 25 TO 48	1	
25	872	SHIM	A.R.	
26	12035	WIPER RING	1	
27	12037	ROD SEAL	1	
28	17608	CYLINDER NUT	1	
29	43074	WEAR ING	1	
30	43075	PISTON RING	1	
31	44244	O RING	1	
32	44266	BACK-UP RING	1	
33	45639	PISTON WEAR RING	1	
34	45734	GLAND	1	
35	45737	PISTON	1	
36	45890	BUFFER RING	1	
37	46447	STOP TUBE	1	
38	49195	PISTON ROD	1	
39	49674	CYLINDER BARREL	1	
40	12A-224	O RING	1	
41	28A-04	GREASE FITTING	2	
42	50A-1028	BOLT	2	
43	50A-1032	BOLT	2	
44	14A-10	LOCKWASHER	4	
45	30A-10	NUT	4	
46	*50A-1622	BOLT	1	
47	46089	BALL CAP	A.R.	REPAIR PART
48	46309	BALL CAP	A.R.	REPAIR PART
	48954	REPAIR KIT FOR 49673 CYLINDER ASSEMBLY - INCLUDES ITEMS 26, 27, 29 TO 33, 36, 40 & 46	A.R.	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
49	111B-0808	CONNECTOR	2	
50	111E-0808	CONNECTOR	1 or 2	
51	9298	RUBBER PAD	2	
52	14382 x 135	HOSE	1	
53	*14382 x 155	HOSE	1	
54	27756	CLAMP	2	
55	*48552	O RING ADAPTER	1 or 2	
56	*49368	RESTRICTOR	1 or 2	
57	*49369	ORIFICE BODY	1 or 2	
58	50A-0610	BOLT	1	
59	14A-06	LOCKWASHER	1	
60	30A-06	NUT	1	
		ACCUMULATOR INSTALLATION		
61	*9313 x 22	HOSE	2	FIXED POINT
62	9313 x 48	HOSE	1	
63	9313 x 72	HOSE	1	
64	*14382 x 90	HOSE	2	
65	*112D-08	TEE	2	
66	15755	CLAMP	2	
67	36060	SHUTTLE VALVE - MODIFIED	1	
68	45807	ACCUMULATOR	1	
69	110N-08	CONNECTOR	2	
70	111B-0808	CONNECTOR	2	
71	111M-2008	CONNECTOR	1	
72	50A-0612	BOLT	4	
73	14A-06	LOCKWASHER	4 or 8	
74	30A-06	NUT	4 or 8	
75	*50A-0608	BOLT	4	MOVEABLE POINT
76	*112B-08	CONNECTOR	1	
77	*112C-08	TEE	2	
78	*9313 x 36	HOSE	2	
79	*9313 x 53.5	HOSE	1	
80	*9313 x 80	HOSE	1	
81	*14382 x 80	HOSE	2	
82	*42507	BRACKET	1	
	16042	ACCUMULATOR CHARGING KIT - CONSISTS OF:	A.R.	
		PRESSURE GAUGE, ADAPTER, AIR CHUCK, TANK VALVE ASSY., BLEEDER VALVE — GAUGING HEAD ASSY.		
		SWIVEL CONNECTOR, HOSE, COUPLING, GLAND, STD. L.H. GLAND NUT — CHARGING HOSE ASSY.		
83	46266	ACCUMULATOR BLADDER KIT - CONSISTS OF: O RING, RETAINING RING, SEAL & BLADDER	1	
84		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8



EFFECTIVE SERIAL NUMBER(S) 19505 to 20492, 20508, 20516
NUMERO(S) DE SÉRIE EFFECTIF(S) to 20578, 20615, 20629 to 20677,
NUMERO(S) DE SERIE EFECTIVO(S) 20689 to 20699

700 SERIES
SERIE 700

SECTION 2 PAGE 11
SECCION 2 PAGINA 11

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No. 8 REVISION A
Nº D'ÉMISSION
Nº DE EDICION

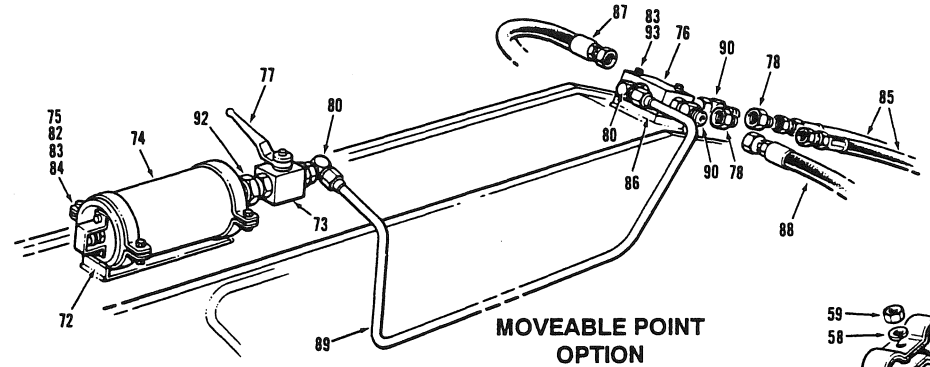
CIRCLE SHIFT CYLINDER & CIRCUIT

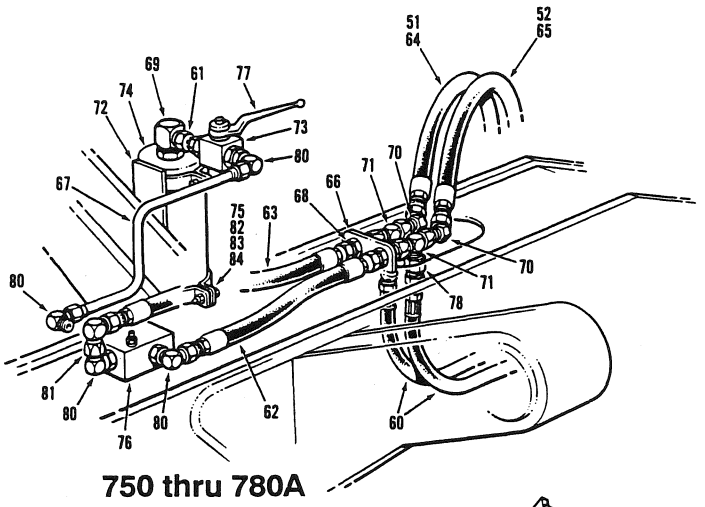
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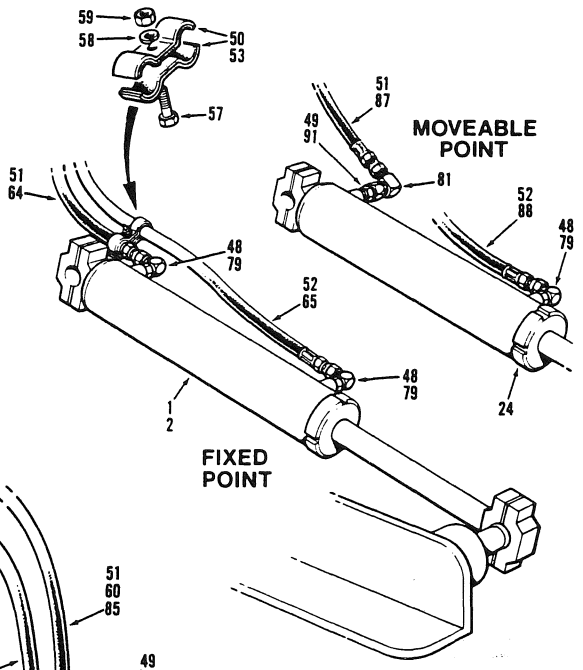
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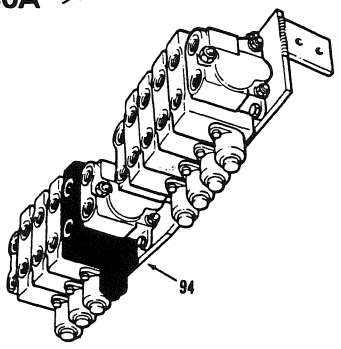
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ	REMARKS / REMARQUES / NOTAS
		FIXED POINT CIRCLE SHIFT CYLINDERS		
1	46090	**CIRCLE SHIFT CYLINDER ASSEMBLY** - INCLUDESITEMS 3 TO 15 & 17 TO 23	1	MODELS 710 thru 740A
2	*57135	**HEAVY CIRCLE SHIFT CYLINDER ASSEMBLY** - INCLUDES ITEMS 3 TO 13 & 15 TO 23	1	MODELS 750 thru 780A
	48953	**REPAIR KIT FOR 46090 & 57135** - CYLINDER ASSEMBLY - INCLUDES ITEMS 4, 5, 6, 9, 10, 11, 13, 17 & 22	A.R.	
3	872	SHIM	A.R.	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	CYLINDER NUT	1	
8	42151	PISTON	1	
9	43074	WEAR RING	1	
10	44244	O RING	1	
11	44266	BACK-UP RING	1	
12	45734	GLAND	1	
13	45890	BUFFER RING	1	
14	46091	PISTON ROD	1	
15	46092	CYLINDER BARREL	1	
16	*57130	PISTON ROD - HEAVY CIRCLE SHIFT CYLINDER	1	750 thru 780A
17	12A-224	O RING	1	
18	29A-02	GREASE FITTING	2	
19	50A-1028	BOLT	4	
20	14A-10	LOCKWASHER	4	
21	30A-10	NUT	4	
22	50A-1620	BOLT	1	
23	46309	BALL CAP	A.R.	REPAIR PART
		MOVEABLE POINT CIRCLE SHIFT CYLINDER		OPTIONAL - 710 thru 740A
24	51181	**CIRCLE SHIFT CYLINDER ASSEMBLY** - INCLUDES ITEMS 25 TO 47	1	
	48954	**REPAIR KIT FOR 51181 CYLINDER ASSEMBLY** - INCLUDES ITEMS 26, 27, 29 TO 33, 36, 39 & 45	A.R.	
25	872	SHIM	A.R.	
26	12035	WIPER RING	1	
27	12037	ROD SEAL	1	
28	17608	CYLINDER NUT	1	
29	43074	WEAR ING	1	
30	43075	PISTON RING	1	
31	44244	O RING	1	
32	44266	BACK-UP RING	1	
33	45639	PISTON WEAR RING	1	
34	45734	GLAND	1	
35	45737	PISTON	1	
36	45890	BUFFER RING	1	
37	51182	CYLINDER BARREL	1	
38	51184	PISTON ROD	1	
39	12A-224	O RING	1	
40	28A-04	GREASE FITTING	2	
41	50A-1028	BOLT	2	
42	50A-1032	BOLT	2	
43	14A-10	LOCKWASHER	4	
44	30A-10	NUT	4	
45	50A-1622	BOLT	1	
46	46089	BALL CAP	1	REPAIR PART
47	46309	BALL CAP	1	REPAIR PART

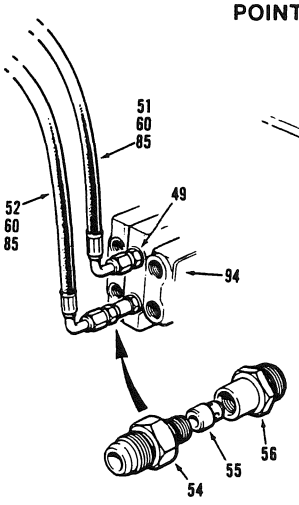
No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
48	111B-0808	CONNECTOR	2 or 3	
49	111E-0808	CONNECTOR	1 or 2	
50	9298	RUBBER PAD	2	
51	14382 x 135	HOSE	1	
52	14382 x 155	HOSE	1	
53	27756	CLAMP	2	
54	48552	O RING ADAPTER	1 or 2	
55	49368	RESTRICTOR	1 or 2	
56	49369	ORIFICE BODY	1 or 2	
57	50A-0610	BOLT	1	
58	14A-06	LOCKWASHER	1	
59	30A-06	NUT	1	
		ACCUMULATOR INSTALLATION		
60	9313 x 22	HOSE	2	FIXED POINT
61	9313 x 48	HOSE	1	
62	9313 x 72	HOSE	1	
63	14382 x 90	HOSE	2	
64	112D-08	TEE	2	
65	15755	CLAMP	2	
66	45807	ACCUMULATOR	1	
67	110N-08	CONNECTOR	2	
68	111B-0808	CONNECTOR	1 or 2	
69	36060	SHUTTLE VALVE - MODIFIED	1	UP TO S/N 19632
70	111M-2008	CONNECTOR	1	
71	51479	SHUTTLE VALVE	1	S/N 19633 & UP
72	111P-2008	CONNECTOR	1	
73	112A-08	CONNECTOR	1	
74	50A-0612	BOLT	4	
75	14A-06	LOCKWASHER	4 or 8	
76	30A-06	NUT	4 or 8	
77	50A-0608	BOLT	4	MOVEABLE POINT
78	111E-0808	CONNECTOR	1	
79	112B-08	CONNECTOR	1	
80	112C-08	TEE	2	
81	9313 x 36	HOSE	2	
82	9313 x 53.5	HOSE	1	
83	9313 x 80	HOSE	1	
84	14382 x 80	HOSE	2	
85	42507	BRACKET	1	
86	*111B-2008	CONNECTOR	1	
87	*111D-0808	TEE	2	
88	*54775	TUBE	1	
89	46266	**ACCUMULATOR BLADDER KIT** - CONSISTS OF: O RING, RETAINING RING, SEAL & BLADDER	1	
	16042	**ACCUMULATOR CHARGING KIT** - CONSISTS OF:	A.R.	
		PRESSURE GAUGE, ADAPTER, AIR CHUCK, TANK VALVE ASSY., BLEEDER VALVE — GAUGING HEAD ASSEMBLY		
		SWIVEL CONNECTOR, HOSE, COUPLING, GLAND, STD. L.H. GLAND NUT — CHARGING HOSE ASSEMBLY		
90		MANIFOLD VALVE ASSEMBLY	REF.	SEC. 4 PG. 8

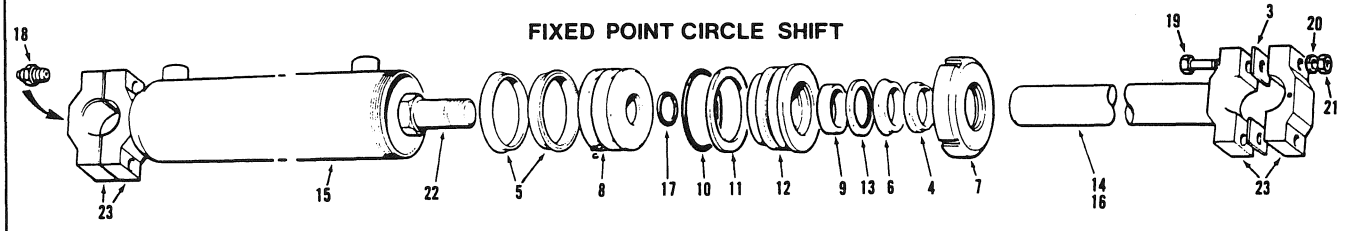


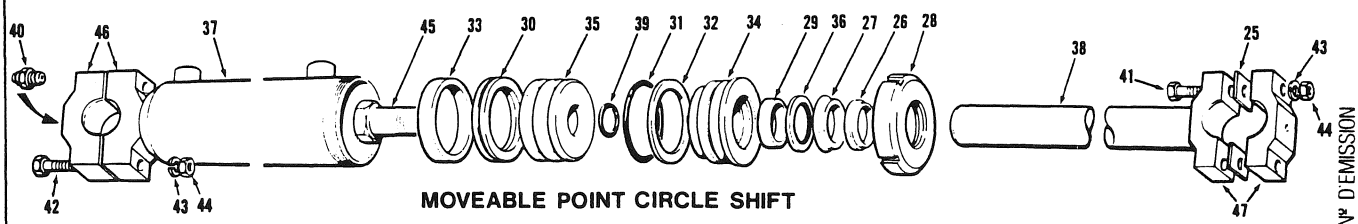












EFFECTIVE SERIAL NUMBER(S) 20493 to 20505, 20511, 20514,
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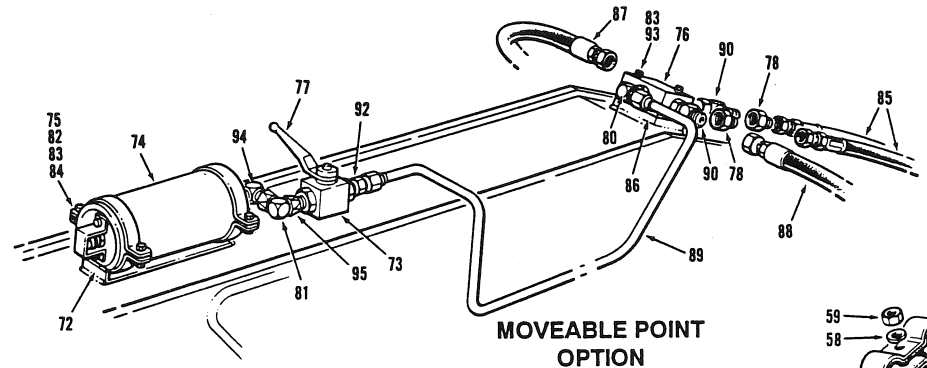
700 SERIES
SERIE 700

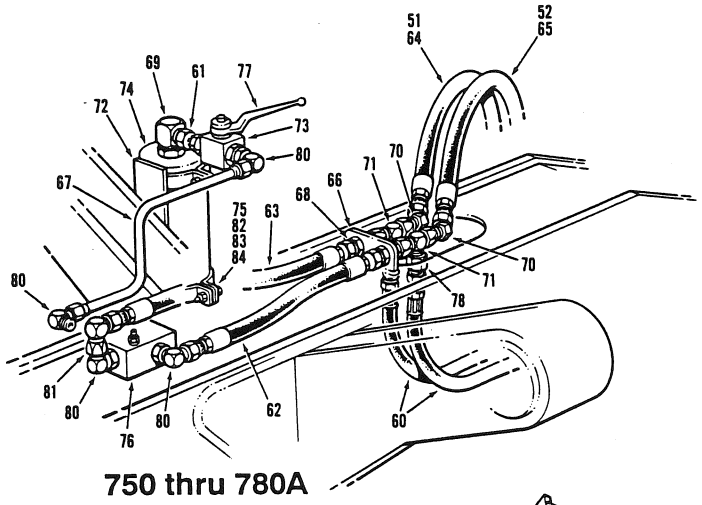
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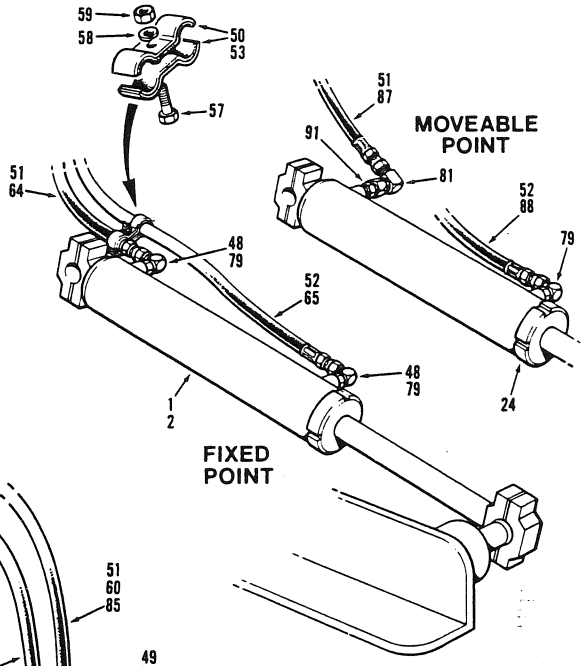
CIRCLE SHIFT CYLINDER & CIRCUIT

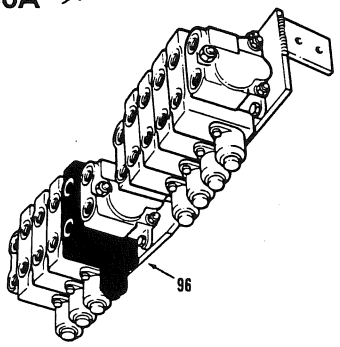
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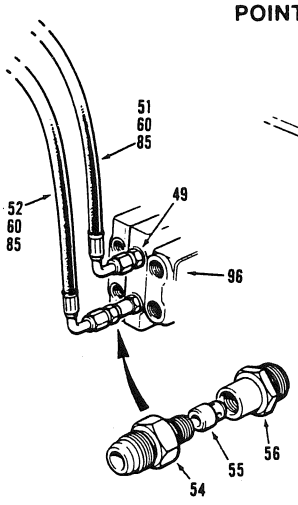
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		FIXED POINT CIRCLE SHIFT CYLINDERS		
1	46090	**CIRCLE SHIFT CYLINDER ASSEMBLY** - INCLUDES ITEMS 3 TO 15 & 17 TO 23	1	MODELS 710 thru 740A
2	*57135	**HEAVY CIRCLE SHIFT CYLINDER ASSEMBLY** - INCLUDES ITEMS 3 TO 13 & 15 TO 23	1	MODELS 750 thru 780A
	48953	**REPAIR KIT FOR 46090 & 57135 -** CYLINDER ASSEMBLY - INCLUDES ITEMS 4, 5, 6, 9, 10, 11, 13, 17 & 22	1	
3	872	SHIM	A.R.	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	CYLINDER NUT	1	
8	42151	PISTON	1	
9	43074	WEAR RING	1	
10	44244	O RING	1	
11	44266	BACK-UP RING	1	
12	45734	GLAND	1	
13	45890	BUFFER RING	1	
14	46091	PISTON ROD	1	
15	46092	CYLINDER BARREL	1	
16	*57130	PISTON ROD - HEAVY CIRCLE SHIFT CYLINDER	1	750 thru 780A
17	12A-224	O RING	1	
18	29A-02	GREASE FITTING	2	
19	50A-1028	BOLT	4	
20	14A-10	LOCKWASHER	4	
21	30A-10	NUT	4	
22	50A-1620	BOLT	1	
23	46309	BALL CAP	1	REPAIR PART
		MOVEABLE POINT CIRCLE SHIFT CYLINDER		OPTIONAL - 710 thru 740A
24	51181	**CIRCLE SHIFT CYLINDER ASSEMBLY** - INCLUDES ITEMS 25 TO 47	1	
	48954	**REPAIR KIT FOR 51181 -** CYLINDER ASSEMBLY - INCLUDES ITEMS 26, 27, 29 TO 33, 36, 39 & 45	1	
25	872	SHIM	A.R.	
26	12035	WIPER RING	1	
27	12037	ROD SEAL	1	
28	17608	CYLINDER NUT	1	
29	43074	WEAR ING	1	
30	43075	PISTON RING	1	
31	44244	O RING	1	
32	44266	BACK-UP RING	1	
33	45639	PISTON WEAR RING	1	
34	45734	GLAND	1	
35	45737	PISTON	1	
36	45890	BUFFER RING	1	
37	51182	CYLINDER BARREL	1	
38	51184	PISTON ROD	1	
39	12A-224	O RING	1	
40	28A-04	GREASE FITTING	2	
41	50A-1028	BOLT	2	
42	50A-1032	BOLT	2	
43	14A-10	LOCKWASHER	4	
44	30A-10	NUT	4	
45	50A-1622	BOLT	1	
46	46089	BALL CAP	1	REPAIR PART
47	46309	BALL CAP	1	REPAIR PART
48	111B-0808	CONNECTOR	2 or 3	
49	111E-0808	CONNECTOR	1 or 2	
50	9298	RUBBER PAD	2	
51	14382 x 135	HOSE	1	
52	14382 x 155	HOSE	1	
53	27756	CLAMP	2	
54	48552	O RING ADAPTER	1 or 2	
55	49368	RESTRICTOR	1 or 2	
56	49369	ORIFICE BODY	1 or 2	
57	50A-0610	BOLT	1	
58	14A-06	LOCKWASHER	1	
59	30A-06	NUT	1	
		ACCUMULATOR INSTALLATION		
60	14382 x 90	HOSE	2	FIXED POINT
61	*54912	CONNECTOR	1	
62	*55251 x 18	HOSE	1	
63	*55251 x 22	HOSE	1	
64	*55251 x 48	HOSE	1	
65	*55251 x 72	HOSE	1	
66	*56763	BRACKET - REPAIR PART	1	
67	*56764	TUBE	1	
68	*110N-12	CONNECTOR	2	
69	*111B-1220	CONNECTOR	1	
70	*112A-12	CONNECTOR	2	
71	*112C-12	TEE	2	
72	*54883	BRACKET	1	
73	*54911	VALVE	1	
74	*54913	ACCUMULATOR	1	
	*56473	**SEAL KIT FOR 54913 -** ACCUMULATOR, CONSISTS OF: O RING 1, SEAL RING 1, SQ. SEAL RING 2, PISTON RING 2	1	
	*56475	**CHARGING KIT**	1	
	*56474	GAUGE - FOR CHARGING KIT	1	
75	*55029	CLAMP	2	
76	*55239	VALVE	1	
77	*56874	HANDLE	1	
78	*110AH-0812	ADAPTER	2	
79	*111B-1208	CONNECTOR	2	
80	*111B-1212	CONNECTOR	4	
81	*112B-12	CONNECTOR	1	
82	50A-0612	BOLT	4	
83	14A-06	LOCKWASHER	6	
84	30A-06	NUT	6	
85	14382 x 80	HOSE	2	MOVEABLE POINT
86	*54777	BRACKET - REPAIR PART	1	
87	*55251 x 53.5	HOSE	1	
88	*55251 x 80	HOSE	1	
89	*55254	TUBE	1	
90	*111D-1212	TEE	2	
91	*111E-1208	CONNECTOR	1	
92	*111P-2012	CONNECTOR	1	
93	*50A-0618	BOLT	2	
94		MANIFOLD VALVE ASSEMBLY	REF.	SECT. 4 PG. 8

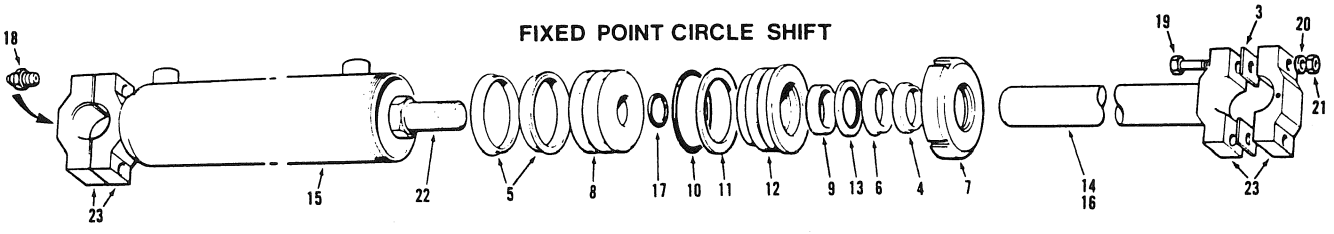


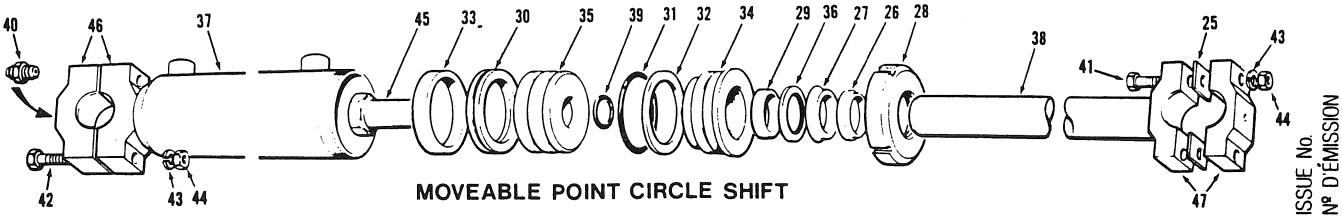












CIRCLE SHIFT CYLINDER & CIRCUIT

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

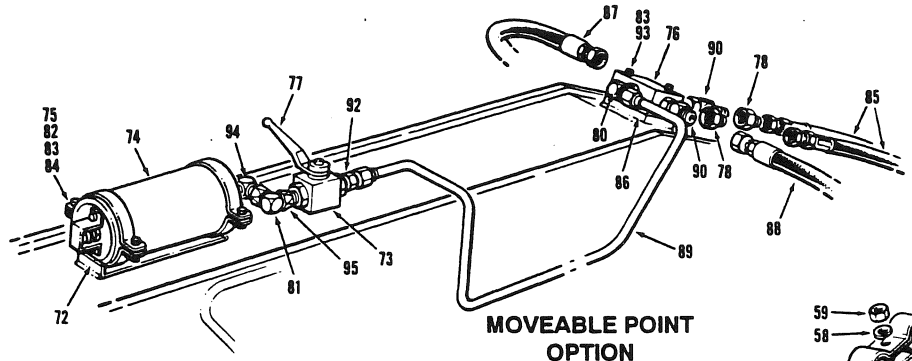
ISSUE No. 10
Nº D'ÉMISSION
Nº DE EDICION

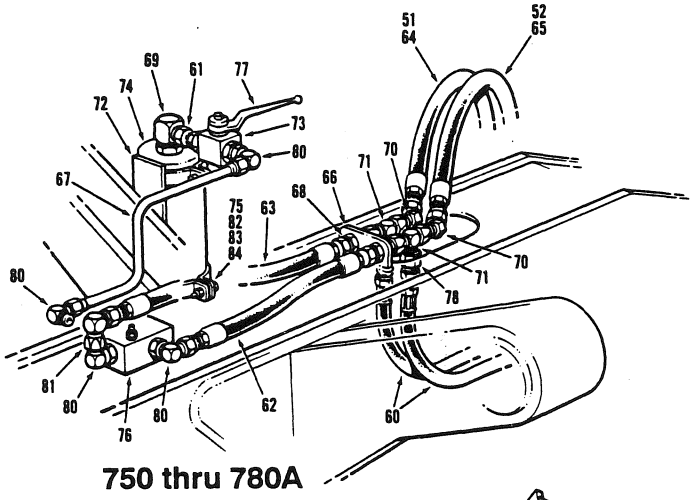
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NUMERO(S) DE SERIE EFECTIVO(S)

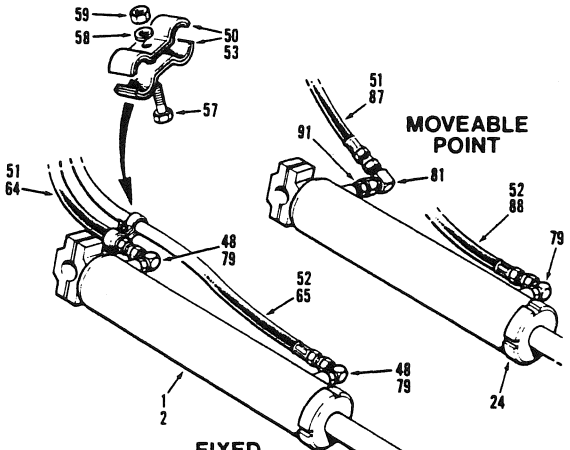
No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		FIXED POINT CIRCLE SHIFT CYLINDERS		
1	*57545	CIRCLE SHIFT CYLINDER ASSEMBLY	1	710 thru 740A
		- INCLUDES ITEMS 3 to 15 & 17 to 23		
2	57135	HEAVY CIRCLE SHIFT CYLINDER ASSEMBLY	1	750 thru 780A
		- INCLUDES ITEMS 3 to 13 & 15 to 23		
	48953	REPAIR KIT FOR 57545 & 57135 - CYLINDER ASSEMBLY	1	
		- INCLUDES ITEMS 4, 5, 6, 9, 10, 11, 13, 17 & 22		
3	872	SHIM	A.R.	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	CYLINDER NUT	1	
8	42151	PISTON	1	
9	43074	WEAR RING	1	
10	44244	O-RING	1	
11	44266	BACK-UP RING	1	
12	45734	GLAND	1	
13	45890	BUFFER RING	1	
14	*57132	PISTON ROD	1	
15	*57544	CYLINDER BARREL	1	
16	57130	PISTON ROD - HEAVY CIRCLE SHIFT CYLINDER	1	750 thru 780A
17	12A-224	O-RING	1	
18	29A-02	GREASE FITTING	2	
19	50A-1028	BOLT	4	
20	14A-10	LOCKWASHER	4	
21	30A-10	NUT	4	
22	50A-1620	BOLT	1	
23	46309	BALL CAP	1	REPAIR PART
		MOVEABLE POINT CIRCLE SHIFT CYLINDER		OPTIONAL - 710 thru 740A
24	51181	CIRCLE SHIFT CYLINDER ASSEMBLY	1	
		- INCLUDES ITEMS 25 to 47		
	48954	REPAIR KIT FOR 51181 - CYLINDER ASSEMBLY	1	
		- INCLUDES ITEMS 26, 27, 29 to 33, 36, 39 & 45		
25	872	SHIM	A.R.	
26	12035	WIPER RING	1	
27	12037	ROD SEAL	1	
28	17608	CYLINDER NUT	1	
29	43074	WEAR ING	1	
30	43075	PISTON RING	1	
31	44244	O RING	1	
32	44266	BACK-UP RING	1	
33	45639	PISTON WEAR RING	1	
34	45734	GLAND	1	
35	45737	PISTON	1	
36	45890	BUFFER RING	1	
37	51182	CYLINDER BARREL	1	
38	51184	PISTON ROD	1	
39	12A-224	O RING	1	
40	28A-04	GREASE FITTING	2	
41	50A-1028	BOLT	2	
42	50A-1032	BOLT	2	
43	14A-10	LOCKWASHER	4	
44	30A-10	NUT	4	
45	50A-1622	BOLT	1	

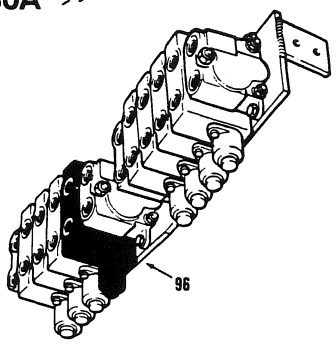
No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
46	46089	BALL CAP	1	REPAIR PART
47	46309	BALL CAP	1	REPAIR PART
48	111B-0808	CONNECTOR	2	
49	111E-0808	CONNECTOR	1	
50	9298	RUBBER PAD	2	
51	14382 x 135	HOSE	1	
52	14382 x 155	HOSE	1	
53	27756	CLAMP	2	
54	48552	O-RING ADAPTER	1 or 2	
55	49368	RESTRICTOR	1 or 2	
56	49369	ORIFICE BODY	1 or 2	
57	50A-0610	BOLT	1	
58	14A-06	LOCKWASHER	1	
59	30A-06	NUT	1	
		ACCUMULATOR INSTALLATION		
60	14382 x 90	HOSE	2	FIXED POINT
61	54912	CONNECTOR	1	
62	55251 x 18	HOSE	1	
63	55251 x 22	HOSE	1	
64	55251 x 48	HOSE	1	
65	55251 x 72	HOSE	1	
66	56763	BRACKET - REPAIR PART	1	
67	56764	TUBE	1	
68	110N-12	CONNECTOR	2	
69	111B-1220	CONNECTOR	1	
70	112A-12	CONNECTOR	2	
71	112C-12	TEE	2	
72	54883	BRACKET	1	
73	54911	VALVE	1	
74	54913	ACCUMULATOR	1	
	56473	SEAL KIT FOR 54913 - ACCUMULATOR, CONSISTS OF:	1	
		O-RING 1, SEAL RING 1, SQ. SEAL RING 2, PISTON RING 2		
	56475	CHARGING KIT	1	
	56474	GAUGE - FOR CHARGING KIT	1	
75	55029	CLAMP	2	
76	55239	VALVE	1	
77	56874	HANDLE	1	
78	110AH-0812	ADAPTER	2	
79	111B-1208	CONNECTOR	2	
80	111B-1212	CONNECTOR	4	
81	112B-12	CONNECTOR	1	
82	50A-0612	BOLT	4	
83	14A-06	LOCKWASHER	6	
84	30A-06	NUT	6	
85	14382 x 80	HOSE	2	MOVEABLE POINT
86	54777	BRACKET - REPAIR PART	1	
87	55251 x 53.5	HOSE	1	
88	55251 x 80	HOSE	1	
89	*59495	TUBE	1	
90	111D-1212	TEE	2	
91	111E-1208	CONNECTOR	1	
92	*111E-1212	CONNECTOR	1	
93	50A-0618	BOLT	2	
94	*111B-1220	CONNECTOR	1	
95	*54912	CONNECTOR	1	
96		MANIFOLD VALVE ASSEMBLY	REF.	Sect 4 Pg 8

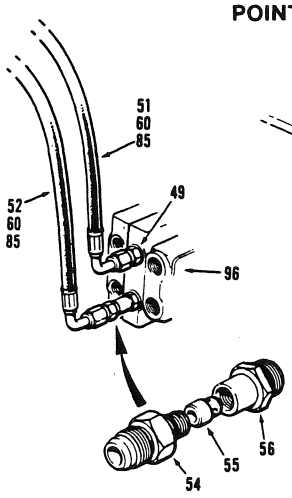
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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

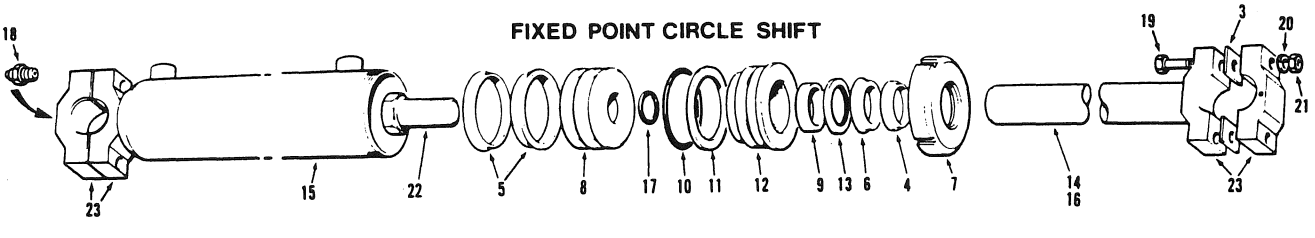


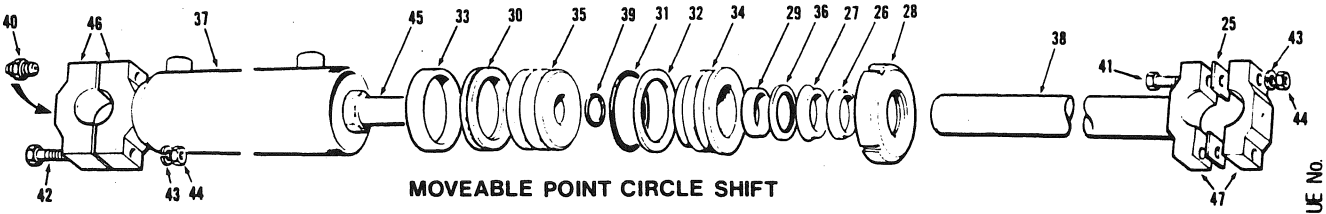












ISSUE No.
Nº D'ÉMISSION 11
Nº DE EDICION

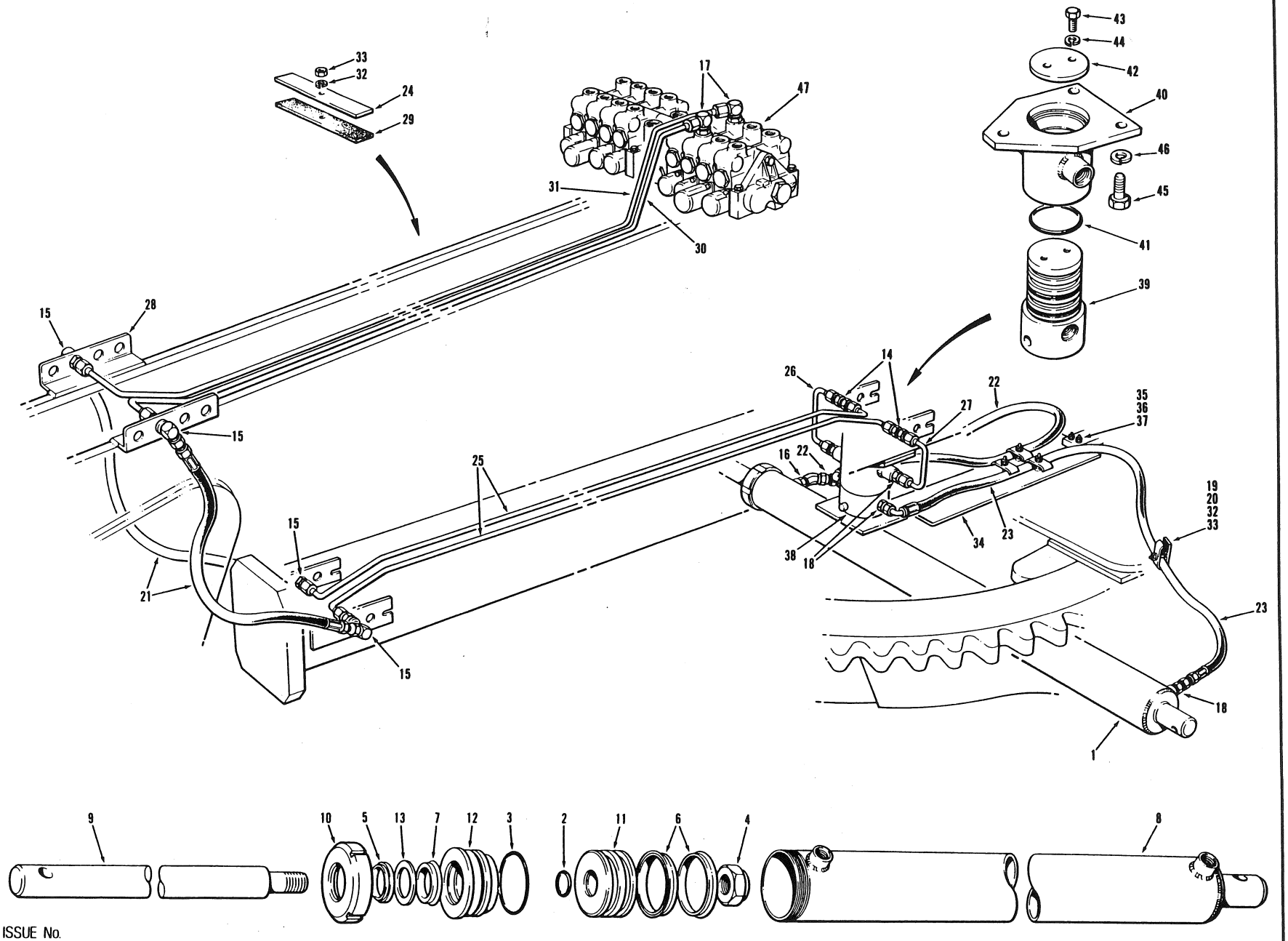
SECTION 2 / SECCION 2 | PAGE 12 / PAGINA 12 | ISSUE No. 11 / N° D'ÉMISSION 11 / N° DE EDICION 11

CIRCLE SHIFT CYLINDER & CIRCUIT

DECEMBER 1991

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		FIXED POINT CIRCLE SHIFT CYLINDERS		
1	57545	CIRCLE SHIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 3 to 15 & 17 to 23	1	710 thru 740A
2	*57585	HEAVY CIRCLE SHIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 3 to 13 & 15 to 23	1	750, 750A & 780A
	48953	REPAIR KIT FOR 57545 & 57585 - CYLINDER ASSEMBLY - INCLUDES ITEMS 4, 5, 6, 9, 10, 11, 13, 17 & 22	1	
3	872	SHIM	A.R.	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	CYLINDER NUT	1	
8	42151	PISTON	1	
9	43074	WEAR RING	1	
10	44244	O-RING	1	
11	44266	BACK-UP RING	1	
12	45734	GLAND	1	
13	45890	BUFFER RING	1	
14	57132	PISTON ROD	1	
15	57544	CYLINDER BARREL	1	
16	57130	PISTON ROD - HEAVY CIRCLE SHIFT CYLINDER	1	750, 750A & 780A
17	12A-224	O-RING	1	
18	29A-02	GREASE FITTING	2	
19	50A-1028	BOLT	4	
20	14A-10	LOCKWASHER	4	
21	30A-10	NUT	4	
22	50A-1620	BOLT	1	
23	46309	BALL CAP	1	REPAIR PART
		MOVEABLE POINT CIRCLE SHIFT CYLINDER		OPTIONAL - 710 thru 740A
24	51181	CIRCLE SHIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 25 to 47	1	
	48954	REPAIR KIT FOR 51181 - CYLINDER ASSEMBLY - INCLUDES ITEMS 26, 27, 29 to 33, 36, 39 & 45	1	
25	872	SHIM	A.R.	
26	12035	WIPER RING	1	
27	12037	ROD SEAL	1	
28	17608	CYLINDER NUT	1	
29	43074	WEAR ING	1	
30	43075	PISTON RING	1	
31	44244	O RING	1	
32	44266	BACK-UP RING	1	
33	45639	PISTON WEAR RING	1	
34	45734	GLAND	1	
35	45737	PISTON	1	
36	45890	BUFFER RING	1	
37	51182	CYLINDER BARREL	1	
38	51184	PISTON ROD	1	
39	12A-224	O RING	1	
40	28A-04	GREASE FITTING	2	
41	50A-1028	BOLT	2	
42	50A-1032	BOLT	2	
43	14A-10	LOCKWASHER	4	
44	30A-10	NUT	4	
45	50A-1622	BOLT	1	

No. Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
46	46089	BALL CAP	1	REPAIR PART
47	46309	BALL CAP	1	REPAIR PART
48	111B-0808	CONNECTOR	2	
49	111E-0808	CONNECTOR	1	
50	9298	RUBBER PAD	2	
51	14382 x 135	HOSE	1	
52	14382 x 155	HOSE	1	
53	27756	CLAMP	2	
54	48552	O-RING ADAPTER	1 or 2	
55	49368	RESTRICTOR	1 or 2	
56	49369	ORIFICE BODY	1 or 2	
57	50A-0610	BOLT	1	
58	14A-06	LOCKWASHER	1	
59	30A-06	NUT	1	
		ACCUMULATOR INSTALLATION		
60	14382 x 90	HOSE	2	FIXED POINT
61	54912	CONNECTOR	1	
62	55251 x 18	HOSE	1	
63	55251 x 22	HOSE	1	
64	55251 x 48	HOSE	1	
65	55251 x 72	HOSE	1	
66	56763	BRACKET - REPAIR PART	1	
67	56764	TUBE	1	
68	110N-12	CONNECTOR	2	
69	111B-1220	CONNECTOR	1	
70	112A-12	CONNECTOR	2	
71	112C-12	TEE	2	
72	54883	BRACKET	1	
73	54911	VALVE	1	
74	54913	ACCUMULATOR	1	
	56473	SEAL KIT FOR 54913 - ACCUMULATOR, CONSISTS OF: O-RING 1, SEAL RING 1, SQ. SEAL RING 2, PISTON RING 2	1	
	56475	CHARGING KIT	1	
	56474	GAUGE - FOR CHARGING KIT	1	
75	55029	CLAMP	2	
76	55239	VALVE	1	
77	56874	HANDLE	1	
78	110AH-0812	ADAPTER	2	
79	111B-1208	CONNECTOR	2	
80	111B-1212	CONNECTOR	4	
81	112B-12	CONNECTOR	1	
82	50A-0612	BOLT	4	
83	14A-06	LOCKWASHER	6	
84	30A-06	NUT	6	
85	14382 x 80	HOSE	2	MOVEABLE POINT
86	54777	BRACKET - REPAIR PART	1	
87	55251 x 53.5	HOSE	1	
88	55251 x 80	HOSE	1	
89	*62093	TUBE	1	
90	111D-1212	TEE	2	
91	111E-1208	CONNECTOR	1	
92	111E-1212	CONNECTOR	1	
93	50A-0618	BOLT	2	
94	111B-1220	CONNECTOR	1	
95	54912	CONNECTOR	1	
96		MANIFOLD VALVE ASSEMBLY	REF.	Sect 4 Pg 8



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1

SLIDE SHIFT CYLINDER & CIRCUIT - MODEL 710/710A

OCTOBER 1984

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NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

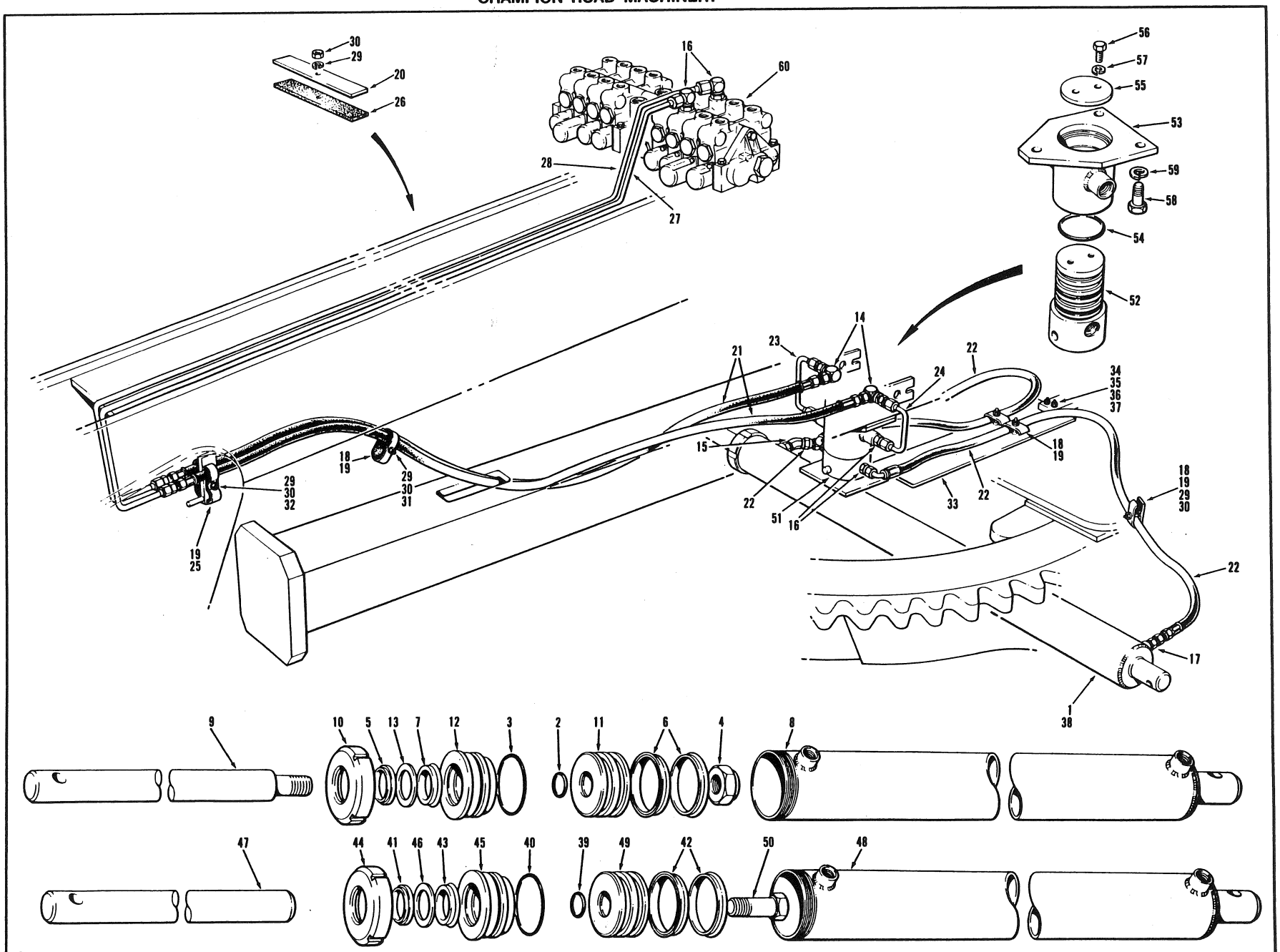
SECTION 2 PAGE 13
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

SLIDE SHIFT CYLINDER & CIRCUIT - MODEL 710/710A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	12207	SLIDE SHIFT CYLINDER ASSY.	1	
2	12A-218	O RING	1	
3	12A-342	O RING	1	
4	37H-20	LOCKNUT	1	
5	12035	WIPER RING	1	
6	12036	PISTON SEAL	2	
7	12037	ROD SEAL	1	
8	12208	CYLINDER BARREL	1	
9	12209	PISTON ROD	1	
10	17608	CYLINDER NUT	1	
11	17609	PISTON	1	
12	17610	GLAND	1	
13	17614	WASHER	1	
	26409	REPAIR KIT FOR 12207 CYLINDER ASSY. - INCLUDES ITEMS 2 TO 7 & 13	A.R.	
14	110N-08	CONNECTOR	2	
15	110W-0808	CONNECTOR	4	
16	111A-0808	CONNECTOR	1	
17	111B-0808	CONNECTOR	2	
18	111E-0808	CONNECTOR	5	
19	8425	CLAMP	A.R.	
20	9298	RUBBER PAD	A.R.	
21	9313 X 36	HOSE	2	
22	14382 X 69	HOSE	1	
23	14382 X 80	HOSE	1	
24	17526	HOLD DOWN BAR	2	
25	24578	TUBE	2	
26	25731	TUBE - R.H.	1	
27	25732	TUBE - L.H.	1	
28	27133	BRACKET	2	REPAIR PART
29	28369	RUBBER PAD	4	
30	36922	TUBE - L.H.	1	
31	36923	TUBE - R.H.	1	
32	14A-06	LOCKWASHER	A.R.	
33	30A-06	NUT	A.R.	
34	14338	DRIVE ARM ASSEMBLY	1	USED WITH MANUAL TILT
35	50A-0512	BOLT	2	
36	14A-05	LOCKWASHER	2	
37	30A-05	NUT	2	
38	14148	HYDRAULIC SWIVEL JOINT ASSY. - INCLUDES ITEMS 39 TO 44	1	USED WITH MANUAL TILT
39		SPOOL } ONLY SUPPLIED WITH ASSEMBLY	1	
40		BODY }	1	
41	12A-328	O RING	3	
42	2467	WASHER	1	
43	50A-0506	BOLT	2	
44	14A-05	LOCKWASHER	2	
45	51A-0808	BOLT	3	
46	14A-08	LOCKWASHER	3	
47		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 7/8



ISSUE No.
Nº D'ÉMISSION
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SLIDE SHIFT CYLINDER & CIRCUIT - MODEL 710/710A

DECEMBER 1985

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EFFECTIVE SERIAL NUMBER(S) 16806 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2420-2 & UP

700 SERIES
SERIE 700

SECTION 2 PAGE 13
SECCION 2 PAGINA 13

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

SLIDE SHIFT CYLINDER & CIRCUIT - MODEL 710/710A

CYLINDER ASSEMBLY - LOCKNUT VERSION

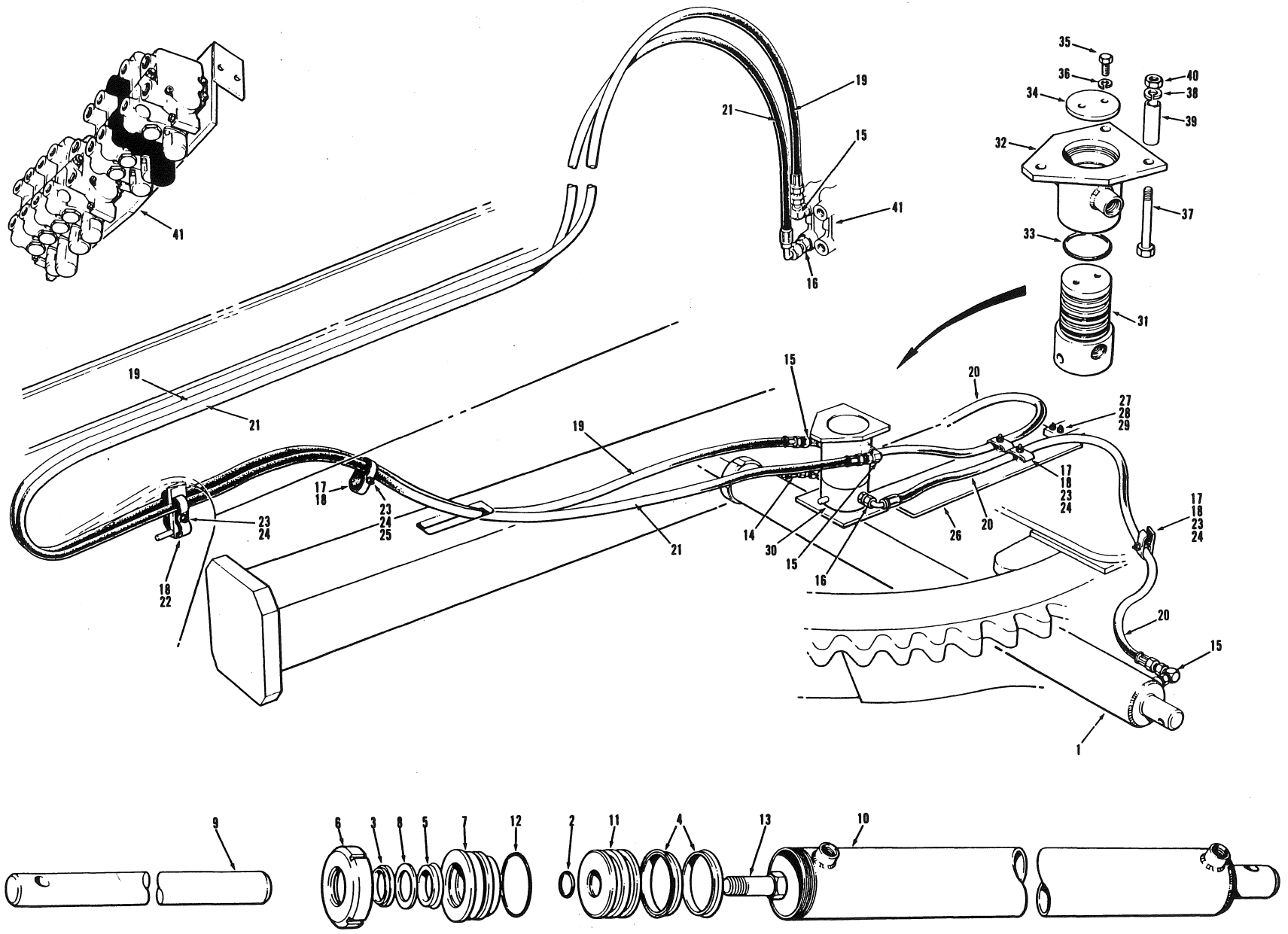
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	12207	SLIDE SHIFT CYLINDER ASSEMBLY	1	
2	12A-218	O RING	1	
3	12A-342	O RING	1	
4	37H-20	LOCKNUT	1	
5	12035	WIPER	1	
6	12036	PISTON SEAL	2	
7	12037	ROD SEAL	1	
8	12208	CYLINDER BARREL	1	
9	12209	PISTON ROD	1	
10	17608	CYLINDER NUT	1	
11	17609	PISTON	1	
12	17610	GLAND	1	
13	17614	WASHER	1	
	26409	REPAIR KIT FOR 12207 CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 7	A.R.	
14	110W-08	CONNECTOR	2	
15	111A-0808	CONNECTOR	1	
16	111B-0808	CONNECTOR	2	
17	111E-0808	CONNECTOR	5	
18	8425	CLAMP	A.R.	
19	9298	RUBBER PAD	A.R.	
20	17526	HOLD DOWN BAR	2	
21	14369 X 94	HOSE	2	
22	14382 X 69	HOSE	2	
23	25731	TUBE - R.H.	1	
24	25732	TUBE - L.H.	1	
25	27756	CLAMP	A.R.	
26	28369	RUBBER PAD	A.R.	
27	42039	TUBE - L.H.	1	
28	42040	TUBE - L.H.	1	
29	14A-06	LOCKWASHER	7	
30	30A-06	NUT	7	
31	50A-0620	BOLT	1	
32	50A-0624	BOLT	1	
33	17202	DRIVE ARM ASSY.	1	
34	27558	SPACER	1	
35	50A-0516	BOLT	2	
36	14A-05	LOCKWASHER	2	
37	30A-05	NUT	2	

MODIFIED SLIDE SHIFT CYLINDER

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
38	*42163	SLIDE SHIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 39 TO 50	1	
39	*12A-224	O RING	1	
40	*12A-342	O RING	1	
41	12035	WIPER	2	
42	12036	PISTON SEAL	1	
43	12037	ROD SEAL	1	
44	17608	NUT	1	
45	17610	GLAND	1	
46	17614	WASHER	1	
47	*42164	ROD	1	
48	*42165	BARREL	1	
49	*42151	PISTON	1	
50	*51A-1622	BOLT	1	

HYDRAULIC SWIVEL JOINT ASSEMBLY

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
51	14148	HYDRAULIC SWIVEL JOINT ASSY. - INCLUDES ITEMS 52 TO 57	1	MANUAL TILT MOLDBOARD
52		SPOOL } NOT AVAILABLE SEPARATELY	1	
53		BODY } NOT AVAILABLE SEPARATELY	1	
54	12A-328	O RING	3	
55	2467	WASHER	1	
56	50A-0506	BOLT	2	
57	14A-05	LOCKWASHER	2	
58	51A-0808	BOLT	3	
59	14A-08	LOCKWASHER	3	
60		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8



ISSUE No.
Nº D'ÉMISSION
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SLIDE SHIFT CYLINDER & CIRCUIT - MODEL 710/710A

APRIL 1989

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EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

18578, 18590, 18592 TO 19233

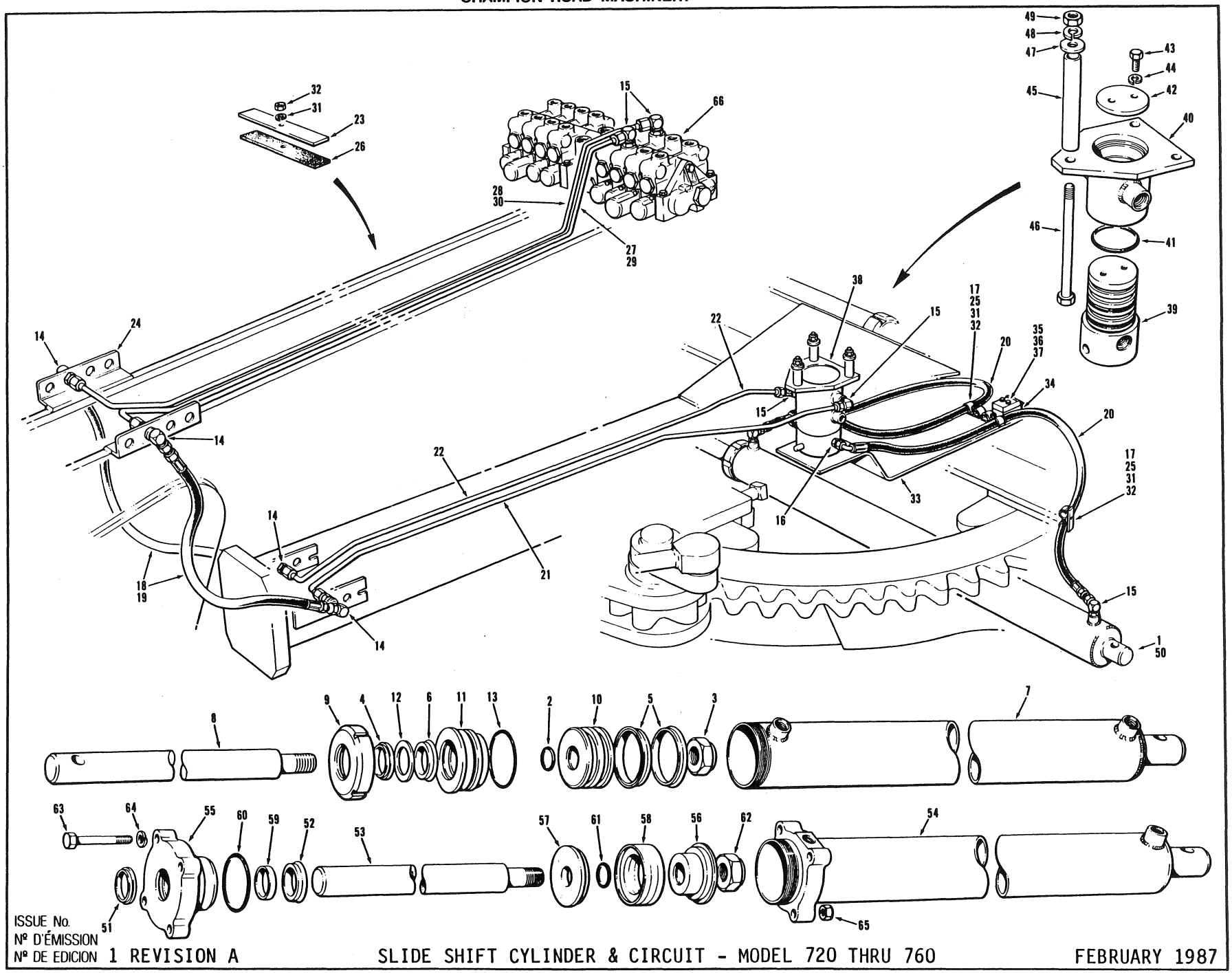
700 SERIES
SERIE 700

SECTION 2
SECCION
PAGE 13
PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		SLIDE SHIFT CYLINDER		
1	42163	SLIDE SHIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 13	1	
2	12A-224	O RING	1	
3	12035	WIPER	1	
4	12036	PISTON SEAL	2	
5	12037	ROD SEAL	1	
6	17608	NUT	1	
7	17610	GLAND	1	
8	17614	WASHER	1	
9	42164	ROD	1	
10	42165	BARREL	1	
11	42151	PISTON	1	
12	44244	O RING	1	
13	51A-1622	BOLT	1	
	43182	REPAIR KIT FOR 42163 CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 5,8,12 & 13	A.R.	
14	111A-0808	CONNECTOR	1	
15	111B-0808	CONNECTOR	4	
16	111E-0808	CONNECTOR	5	
17	8425	CLAMP	A.R.	
18	9298	RUBBER PAD	A.R.	
19	9313 X 300	HOSE	1	
20	14382 X 69	HOSE	2	
21	14382 X 300	HOSE	1	
22	27756	CLAMP	A.R.	
23	14A-06	LOCKWASHER	7	
24	30A-06	NUT	7	
25	50A-0624	BOLT	1	
26	42179	DRIVE ARM ASSY.	1	
27	50A-0516	BOLT	2	
28	14A-05	LOCKWASHER	2	
29	30A-05	NUT	2	

No. / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		HYDRAULIC SWIVEL JOINT ASSEMBLY		
30	14148	HYDRAULIC SWIVEL JOINT ASSY. - INCLUDES ITEMS 31 TO 36	1	MANUAL TILT MOLDBOARD
31		SPOOL } NOT AVAILABLE	1	
32		BODY } SEPARATELY	1	
33	12A-328	O RING	3	
34	2467	WASHER	1	
35	50A-0506	BOLT	2	
36	14A-05	LOCKWASHER	2	
37	50A-0832	BOLT	3	
38	14A-08	LOCKWASHER	3	
39	17200	SPACER	3	
40	30A-08	NUT	3	
41		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

SLIDE SHIFT CYLINDER & CIRCUIT - MODEL 720 THRU 760

FEBRUARY 1987

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO
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EFFECTIVE SERIAL NUMBER(S) 16224,16245 TO 16805
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 TO 2420-2

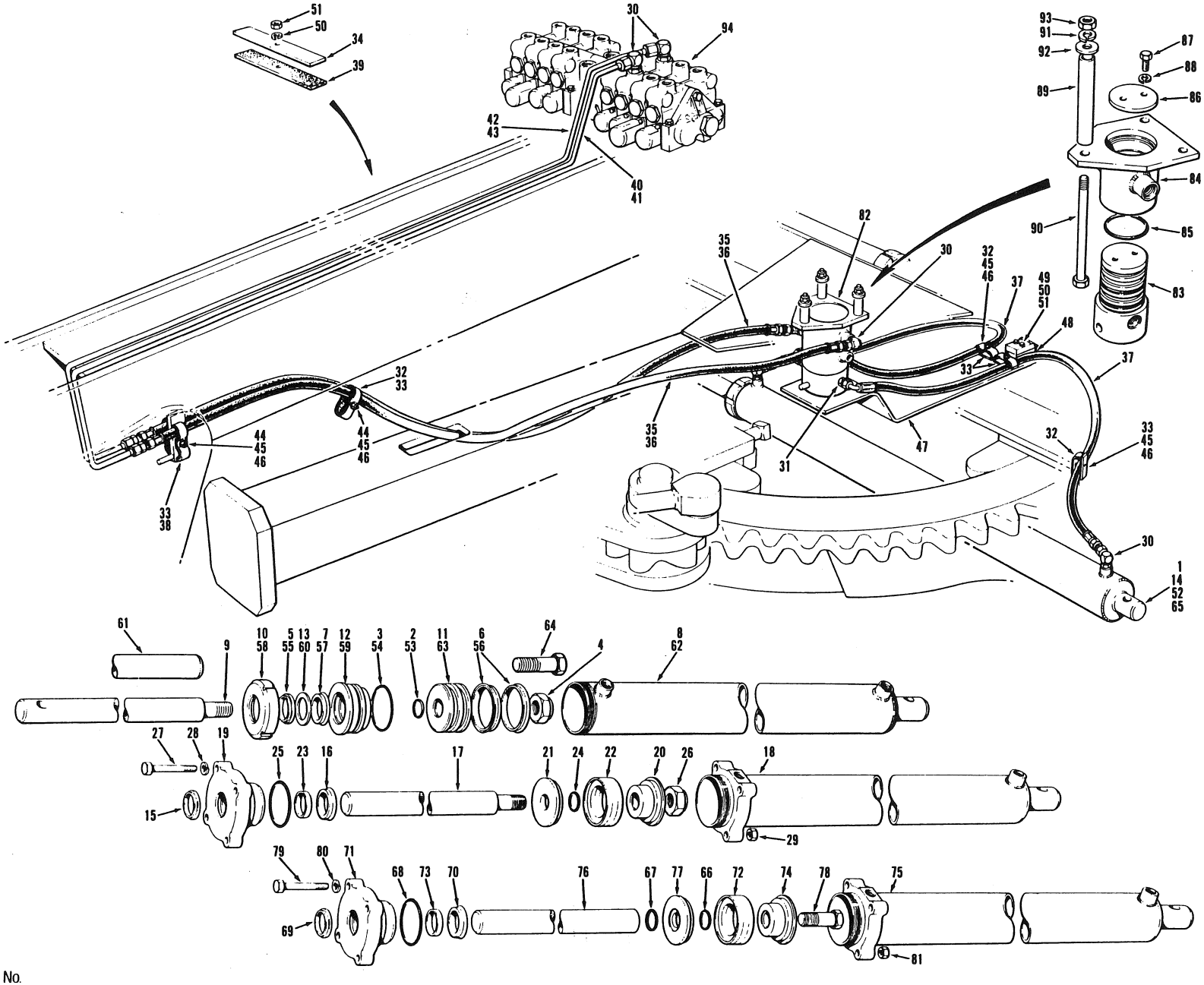
700 SERIES
SERIE 700

SECTION 2 PAGE 15
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	12207	SLIDE SHIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 13	1	
2	12A-218	O RING	1	
3	37H-20	LOCKNUT	1	
4	12035	WIPER	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	12208	CYLINDER BARREL	1	
8	12209	PISTON ROD	1	
9	17608	CYLINDER NUT	1	
10	17609	PISTON	1	
11	17610	GLAND	1	
12	17614	WASHER	1	
13	*44244	O RING	1	
	26409	REPAIR KIT FOR 12207 CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 6 & 13	A.R.	
14	110W-0808	CONNECTOR	4	
15	111B-0808	CONNECTOR	6	
16	111E-0808	CONNECTOR	2	
17	9298	RUBBER PAD	2	
18	9313 X 36	HOSE	2	720, 720A, 730 & 730A
19	9313 X 42	HOSE	2	740, 740A & 760
20	14382 X 69	HOSE	2	
21	17517	TUBE - L.H.	1	
22	17518	TUBE - R.H.	1	
23	17526	HOLD DOWN BAR	2	
24	27133	BRACKET	2	
25	27756	CLAMP	4	
26	28369	RUBBER PAD	4	
27	*41274	TUBE - L.H.	1	720, 720A
28	*41275	TUBE - R.H.	1	730 & 730A
29	*41286	TUBE - L.H.	1	740, 740A
30	*41287	TUBE - R.H.	1	& 760
31	14A-06	LOCKWASHER	5	
32	30A-06	NUT	5	
33	17202	DRIVE ARM ASSY.	1	
34	27558	SPACER	1	
35	50A-0516	BOLT	2	
36	14A-05	LOCKWASHER	2	
37	30A-05	NUT	2	
38	14148	HYDRAULIC SWIVEL JOINT ASSEMBLY - INCLUDES ITEMS 39 TO 44	1	MANUAL TILT
39		SPOOL } NOT AVAILABLE	1	
40		BODY } SEPARATELY	1	
41	12A-328	O RING	3	
42	2467	WASHER	1	
43	50A-0506	BOLT	2	
44	14A-05	LOCKWASHER	2	
45	17201	SPACER	3	
46	50A-0848	BOLT	3	
47	14C-08	FLATWASHER	3	
48	14A-08	LOCKWASHER	3	
49	30A-08	NUT	3	
50	*30425	SLIDE SHIFT CYLINDER ASSY. - HEAVY CIRCLE - INCLUDES ITEMS 51 TO 65 **(OPTIONAL ON MODELS 740 THRU 760)**	2	
51	12035	WIPER	1	
52	12037	SEAL	1	
53	26876	PISTON ROD	1	
54	30427	CYLINDER BARREL	1	
55	30428	GLAND	1	
56	35276	PISTON	1	
57	35277	BACK-UP WASHER	1	
58	35530	PISTON SEAL	1	
59	35531	WEAR RING	1	
60	*44244	O RING	1	
61	12A-218	O RING	1	
62	37H-20	LOCKNUT	1	
63	50A-0832	BOLT	4	
64	14A-08	LOCKWASHER	4	
65	30A-08	NUT	4	
	*50089	REPAIR KIT FOR 30425 CYLINDER ASSEMBLY - INCLUDES 51,52 & 57 TO 62	A.R.	
66		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 7/8



EFFECTIVE SERIAL NUMBER(S) 16806 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2420-2 & UP

700 SERIES
SERIE 700

SECTION 2 PAGE 15
SECCION 2 PAGINA 15

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ISSUE No.
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SLIDE SHIFT CYLINDER & CIRCUIT - MODEL 720 THRU 760

DECEMBER 1985

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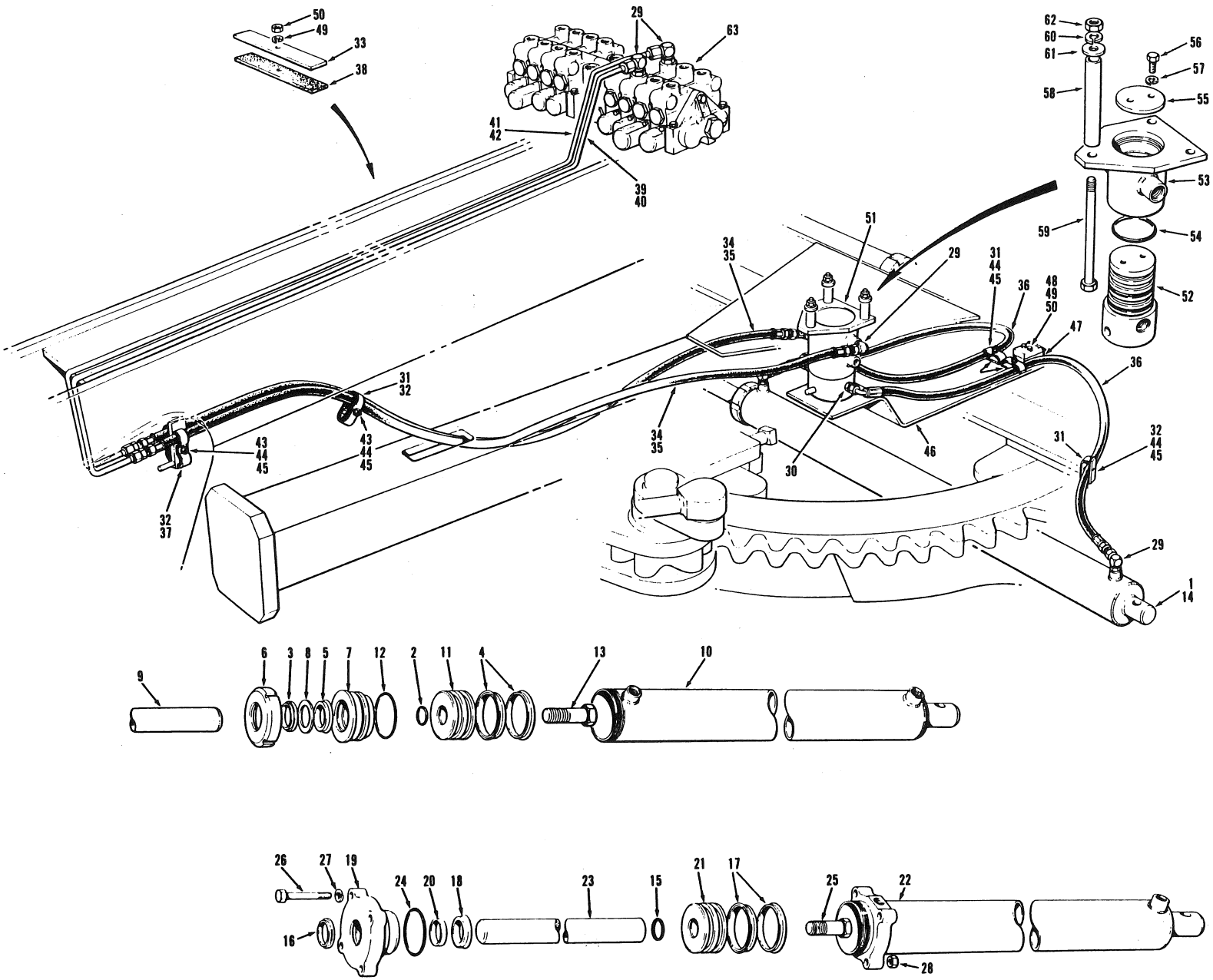
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SLIDE SHIFT CYLINDER & CIRCUIT - MODEL 720 THRU 760

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		SLIDE SHIFT CYLINDERS - LOCKNUT VERSION		
1	12207	SLIDE SHIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 13	1	
2	12A-218	O RING	1	
3	12A-342	O RING	1	
4	37H-20	LOCKNUT	1	
5	12035	WIPER	1	
6	12036	PISTON SEAL	2	
7	12037	ROD SEAL	1	
8	12208	CYLINDER BARREL	1	
9	12209	PISTON ROD	1	
10	17608	CYLINDER NUT	1	
11	17609	PISTON	1	
12	17610	GLAND	1	
13	17614	WASHER	1	
	26409	REPAIR KIT FOR 12207 CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 7	A.R.	
14	30425	SLIDE SHIFT CYLINDER ASSY. - HEAVY CIRCLE, INCLUDES ITEMS 15 TO 29	2	OPTIONAL 740 THRU 760
15	12035	WIPER	1	
16	12037	SEAL	1	
17	26876	PISTON ROD	1	
18	30427	CYLINDER BARREL	1	
19	30428	GLAND	1	
20	35276	PISTON	1	
21	35277	BACK-UP WASHER	1	
22	35530	PISTON SEAL	1	
23	35531	WEAR RING	1	
24	12A-218	O RING	1	
25	12A-342	O RING	1	
26	37H-20	LOCKNUT	1	
27	50A-0832	BOLT	4	
28	14A-08	LOCKWASHER	4	
29	30A-08	NUT	4	
30	111B-0808	CONNECTOR	6	
31	111E-0808	CONNECTOR	2	
32	8425	CLAMP	6	
33	9298	RUBBER PAD	7	
34	17526	HOLD DOWN BAR	2	
	14369 X 94	HOSE	2	MODELS 720 THRU 730A
35				
36	14369 x 100	HOSE	2	740 THRU 760
37	14382 X 69	HOSE	2	
38	27756	CLAMP	2	
39	28369	RUBBER PAD	4	
40	42019	TUBE	1	MODELS 720 THRU 730A
41	42033	TUBE	1	740 THRU 760
42	42020	TUBE	1	MODELS 720 THRU 730A
43	42034	TUBE	1	740 THRU 760
44	50A-0624	BOLT	2	
45	14A-06	LOCKWASHER	6	
46	30A-06	NUT	6	
47	42180	DRIVE ARM ASSY.	1	
48	27558	SPACER	1	
49	50A-0516	BOLT	2	
50	14A-05	LOCKWASHER	2	
51	30A-05	NUT	2	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		MODIFIED SLIDE SHIFT CYLINDERS		
52	*42163	SLIDE SHIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 53 TO 64	1	
53	*12A-224	O RING	1	
54	*12A-342	O RING	1	
55	12035	WIPER	2	
56	12036	PISTON SEAL	1	
57	12037	ROD SEAL	1	
58	17608	NUT	1	
59	17610	GLAND	1	
60	17614	WASHER	1	
61	*42164	ROD	1	
62	*42165	BARREL	1	
63	*42151	PISTON	1	
64	*51A-1622	BOLT	1	
65	*42465	SLIDE SHIFT CYLINDER ASSY. - HEAVY CIRCLE, ITEM 66 TO 82	1	OPTIONAL 740 THRU 760
66	*12A-214	O RING	1	
67	*12A-224	O RING	1	
68	*12A-342	O RING	1	
69	12035	WIPER	1	
70	12037	ROD SEAL	1	
71	*30428	GLAND	1	
72	*35530	PISTON SEAL	1	
73	*35531	WEAR RING	1	
74	*42460	PISTON	1	
75	*42461	CYLINDER BARREL ASSY.	1	
76	*42463	PISTON ROD	1	
77	*42464	BACK-UP WASHER	1	
78	*51A-1622	BOLT	1	
79	50A-0832	BOLT	4	
80	14A-08	LOCKWASHER	4	
81	30A-08	NUT	4	
		HYDRAULIC SWIVEL JOINT ASSEMBLY		
82	14148	HYDRAULIC SWIVEL JOINT ASSY. - INCLUDES ITEMS 84 TO 89	1	USED WITH MANUAL TILT MOLDBOARD
83		SPOOL } NOT AVAILABLE	1	
84		BODY } SEPARATELY	1	
85	12A-328	O RING	3	
86	2467	WASHER	1	
87	50A-0506	BOLT	2	
88	14A-05	LOCKWASHER	2	
89	17201	SPACER	3	
90	50A-0848	BOLT	3	
91	14A-08	LOCKWASHER	3	
92	14C-08	FLATWASHER	3	
93	30A-08	NUT	3	
94		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS



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SLIDE SHIFT CYLINDER & CIRCUIT - MODEL 720 THRU 780A

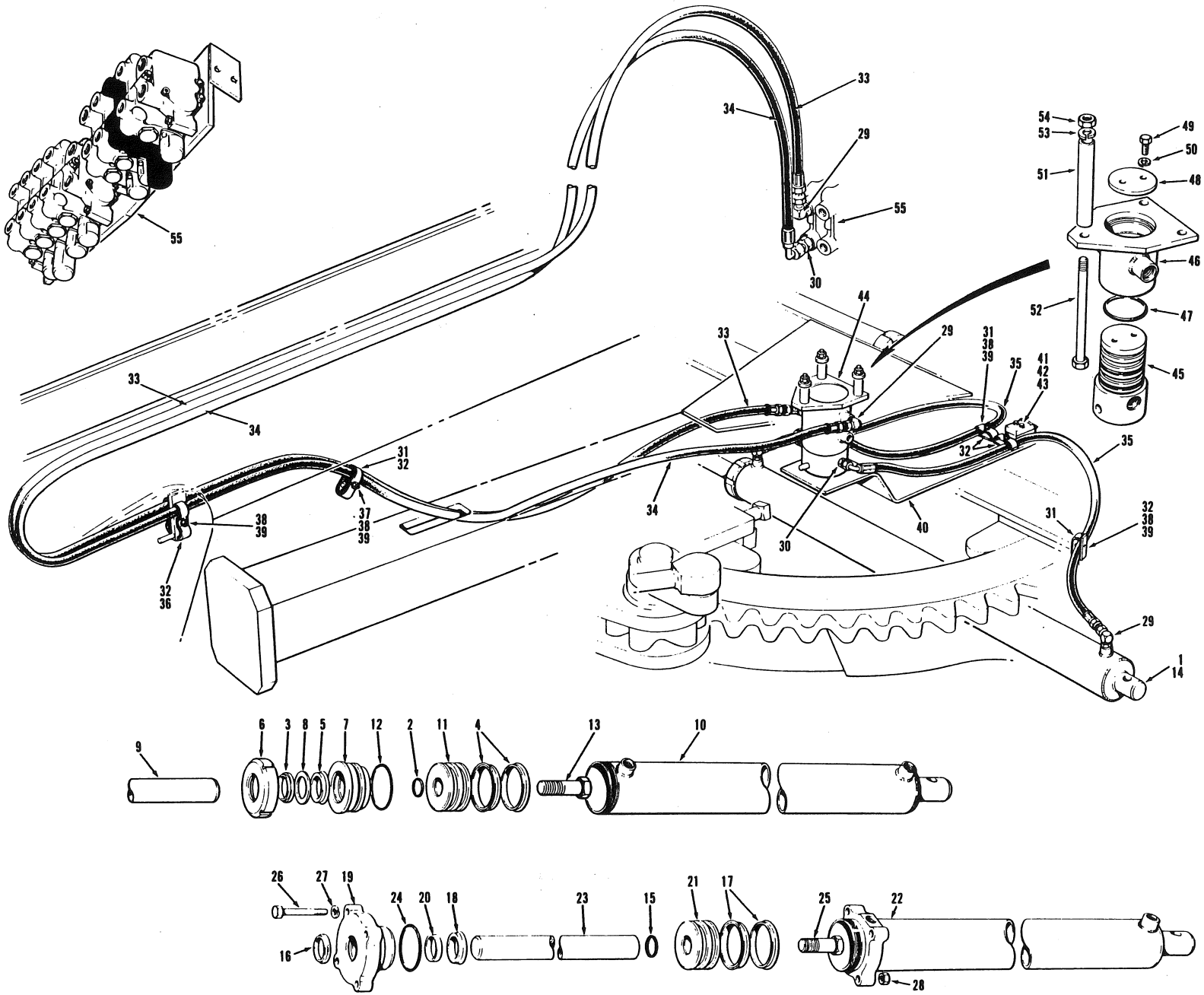
APRIL 1987

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SLIDE SHIFT CYLINDER & CIRCUIT - MODEL 720 THRU 780A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		SLIDE SHIFT CYLINDER		MODEL 720 THRU 740A
1	42163	SLIDE SHIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 13	1	
2	12A-224	O RING	1	
3	12035	WIPER	2	
4	12036	PISTON SEAL	1	
5	12037	ROD SEAL	1	
6	17608	NUT	1	
7	17610	GLAND	1	
8	17614	WASHER	1	
9	42164	ROD	1	
10	42165	BARREL	1	
11	42151	PISTON	1	
12	*44244	O RING	1	
13	51A-1622	BOLT	1	
	43182	REPAIR KIT FOR 42163 CYLINDER ASSEMBLY - INCLUDES ITEMS 2,3,4,5,8,12,13		
		HEAVY DUTY SLIDE SHIFT CYLINDER		STANDARD ON 780 & 780A
14	42465	SLIDE SHIFT CYLINDER ASSY. - HEAVY CIRCLE, ITEM 15 TO 28	1	OPTIONAL ON 740 & 740A
15	12A-224	O RING	1	
16	12035	WIPER	1	
17	*12036	PISTON SEAL	2	
18	12037	ROD SEAL	1	
19	30428	GLAND	1	
20	35531	WEAR RING	1	
21	*42151	PISTON	1	
22	42461	CYLINDER BARREL ASSY.	1	
23	42463	PISTON ROD	1	
24	*44244	O RING	1	
25	51A-1622	BOLT	1	
26	50A-0832	BOLT	4	
27	14A-08	LOCKWASHER	4	
28	30A-08	NUT	4	
	*43182	REPAIR KIT FOR 42465 CYLINDER ASSEMBLY - INCLUDES ITEMS 15,16,17,18,24 & 25 NOTE: ITEM 20 IS NOT INCLUDED AND SHOULD BE ORDERED SEPARATELY		
29	111B-0808	CONNECTOR	6	
30	111E-0808	CONNECTOR	2	
31	8425	CLAMP	6	
32	9298	RUBBER PAD	7	
33	17526	HOLD DOWN BAR	2	
34	14369 X 94	HOSE	2	MODEL 720 THRU 730A
35	14369 x 100	HOSE	2	MODEL 740 THRU 780A
36	14382 X 69	HOSE	2	
37	27756	CLAMP	2	
38	28369	RUBBER PAD	4	
39	42019	TUBE	1	MODEL 720 THRU 730A
40	42033	TUBE	1	MODEL 740 THRU 780A
41	42020	TUBE	1	MODEL 720 THRU 730A
42	42034	TUBE	1	MODEL 740 THRU 780A
43	50A-0624	BOLT	2	
44	14A-06	LOCKWASHER	6	
45	30A-06	NUT	6	
46	42180	DRIVE ARM ASSY.	1	
47	27558	SPACER	1	
48	50A-0516	BOLT	2	
49	14A-05	LOCKWASHER	2	
50	30A-05	NUT	2	
		HYDRAULIC SWIVEL JOINT ASSEMBLY		
51	14148	HYDRAULIC SWIVEL JOINT ASSY. - INCLUDES ITEMS 52 TO 57	1	USED WITH MANUAL TILT MOLDBOARD
52		SPOOL } NOT AVAILABLE	1	
53		BODY } SEPARATELY	1	
54	12A-328	O RING	3	
55	2467	WASHER	1	
56	50A-0506	BOLT	2	
57	14A-05	LOCKWASHER	2	
58	17201	SPACER	3	
59	50A-0848	BOLT	3	
60	14A-08	LOCKWASHER	3	
61	14C-08	FLATWASHER	3	
62	30A-08	NUT	3	
63		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8



ISSUE No.
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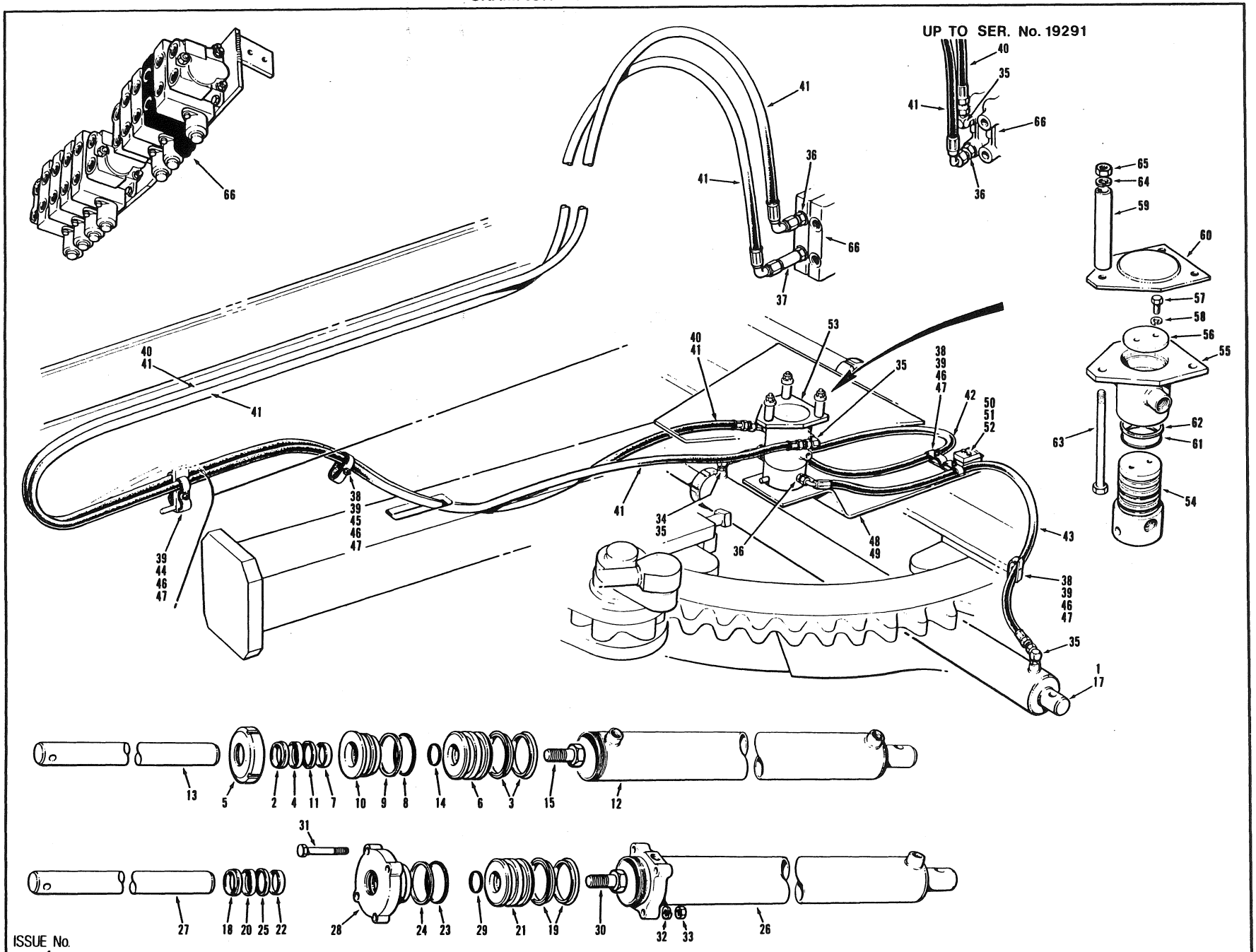
SLIDE SHIFT CYLINDER & CIRCUIT - MODEL 720 THRU 780A

JANUARY 1988

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SLIDE SHIFT CYLINDER & CIRCUIT - MODEL 720 THRU 780A

No.	PART No.	DESCRIPTION	No. REQ.	REMARKS
		SLIDE SHIFT CYLINDER		MODEL 720 THRU 740A
1	42163	SLIDE SHIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 13	1	
2	12A-224	O RING	1	
3	12035	WIPER	1	
4	12036	PISTON SEAL	2	
5	12037	ROD SEAL	1	
6	17608	NUT	1	
7	17610	GLAND	1	
8	17614	WASHER	1	
9	42164	ROD	1	
10	42165	BARREL	1	
11	42151	PISTON	1	
12	44244	O RING	1	
13	51A-1622	BOLT	1	
	43182	REPAIR KIT FOR 42163 CYLINDER ASSEMBLY - INCLUDES ITEMS 2,3,4,5,8,12,13		
		HEAVY DUTY SLIDE SHIFT CYLINDER		STANDARD ON 750 THRU 780A OPTIONAL ON 740 & 740A
14	42465	SLIDE SHIFT CYLINDER ASSY. - HEAVY CIRCLE, ITEM 15 TO 28	1	
15	12A-224	O RING	1	
16	12035	WIPER	1	
17	12036	PISTON SEAL	2	
18	12037	ROD SEAL	1	
19	30428	GLAND	1	
20	35531	WEAR RING	1	
21	42151	PISTON	1	
22	42461	CYLINDER BARREL ASSY.	1	
23	42463	PISTON ROD	1	
24	44244	O RING	1	
25	51A-1622	BOLT	1	
26	50A-0832	BOLT	4	
27	14A-08	LOCKWASHER	4	
28	30A-08	NUT	4	
	43182	REPAIR KIT FOR 42465 CYLINDER ASSEMBLY - INCLUDES ITEMS 15,16,17,18,24 & 25 NOTE: ITEM 20 IS NOT INCLUDED AND SHOULD BE ORDERED SEPARATELY		
29	111B-0808	CONNECTOR	5	
30	111E-0808	CONNECTOR	3	
31	8425	CLAMP	6	
32	9298	RUBBER PAD	7	
33	*9313 X 300	HOSE	1	
34	*14382 X 300	HOSE	1	
35	14382 X 69	HOSE	2	
36	27756	CLAMP	2	
37	50A-0624	BOLT	1	
38	14A-06	LOCKWASHER	6	
39	30A-06	NUT	6	
40	42180	DRIVE ARM ASSY.	1	
41	*50A-0808	BOLT	2	
42	14A-05	LOCKWASHER	2	
43	30A-05	NUT	2	
		HYDRAULIC SWIVEL JOINT ASSEMBLY		
44	14148	HYDRAULIC SWIVEL JOINT ASSY. - INCLUDES ITEMS 45 TO 50	1	USED WITH MANUAL TILT MOLDBOARD
45		SPOOL } NOT AVAILABLE	1	
46		BODY } SEPARATELY	1	
47	12A-328	O RING	3	
48	2467	WASHER	1	
49	50A-0506	BOLT	2	
50	14A-05	LOCKWASHER	2	
51	*46613	SPACER	3	
52	*50A-0832	BOLT	3	
53	14A-08	LOCKWASHER	3	
54	30A-08	NUT	3	
55		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8



EFFECTIVE SERIAL NUMBER(S) 19237 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 2 PAGE 15
SECCION 2 PAGINA 15

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5 REVISION A

SLIDE SHIFT CYLINDER & CIRCUIT - MODELS 710 THRU 780A

MAY 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

SLIDE SHIFT CYLINDER & CIRCUIT - MODELS 710 THRU 780A

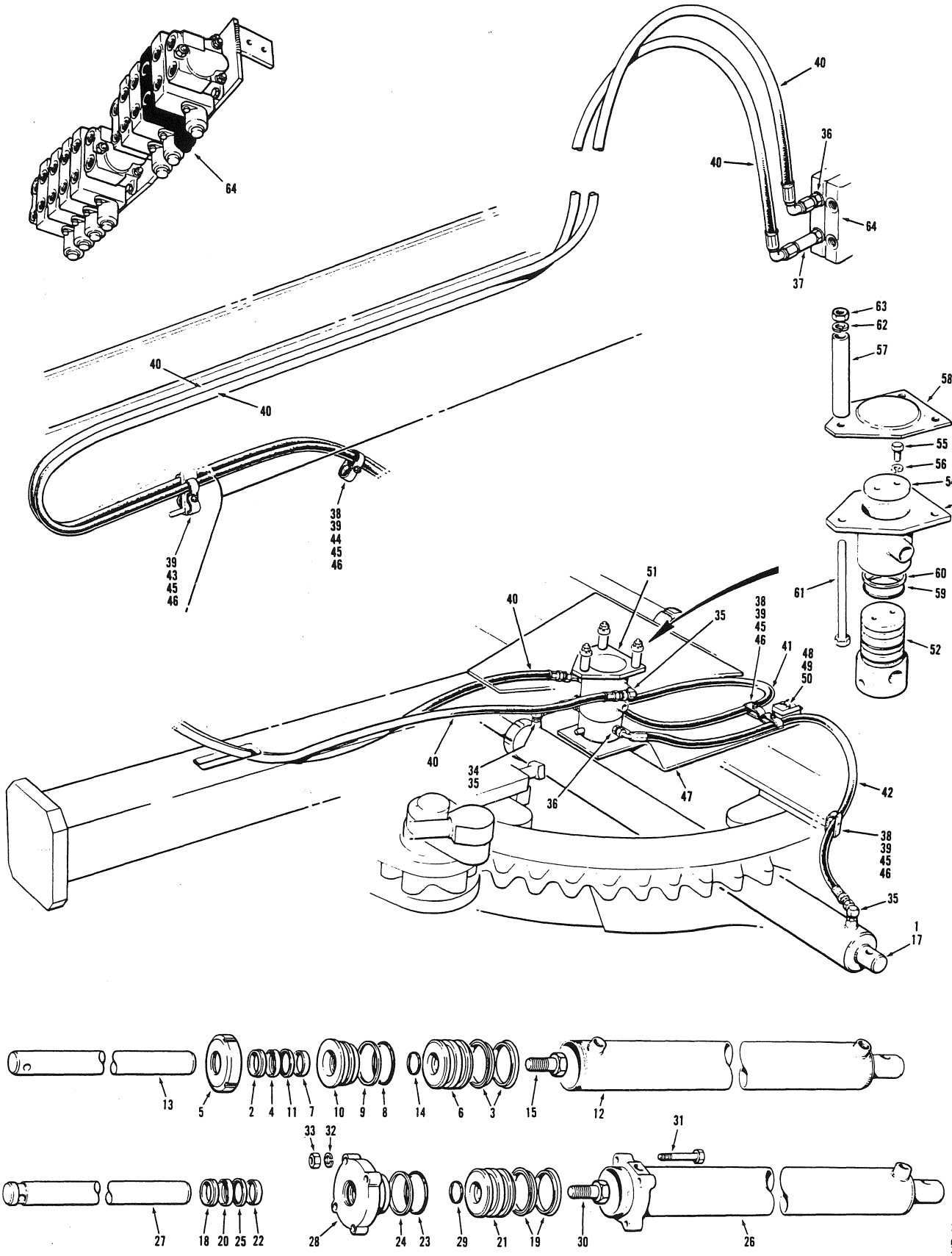
No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		SLIDE SHIFT CYLINDER		710 thru 740A
1	46086	SLIDE SHIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 15	1	
2	12035	WIPER	1	
3	12036	PISTON SEAL	2	
4	12037	ROD SEAL	1	
5	17608	CYLINDER NUT	1	
6	42151	PISTON	1	
7	43074	WEAR RING	1	
8	44244	O RING	1	
9	44266	BACK-UP RING	1	
10	45734	GLAND	1	
11	45890	BUFFER RING	1	
12	46087	CYLINDER BARREL	1	
13	46749	PISTON ROD	1	
14	12A-224	O RING	1	
15	50A-1620	BOLT	1	
	48953	REPAIR KIT FOR 46086 CYLINDER ASSEMBLY - INCLUDESITEMS 2, 3, 4, 7, 8, 9, 11, 14 & 15		
		HEAVY DUTY SLIDE SHIFT CYLINDER		750 thru 780A
17	46746	SLIDE SHIFT CYLINDER ASSEMBLY - HEAVY CIRCLE, - INCLUDES ITEMS 18 TO 33	1	
18	12035	WIPER	1	
19	12036	PISTON SEAL	1	
20	12037	ROD SEAL	1	
21	42151	PISTON	1	
22	43074	WEAR RING	1	
23	44244	O RING	1	
24	44266	BACK-UP RING	1	
25	45890	BUFFER RING	1	
26	46747	CYLINDER BARREL	1	
27	46749	PISTON ROD	1	
28	46757	GLAND	1	
29	12A-224	O RING	1	
30	50A-1620	BOLT	1	
31	50A-0832	BOLT	4	
32	14A-08	LOCKWASHER	4	
33	30A-08	NUT	4	
	48953	REPAIR KIT FOR 46746 CYLINDER ASSEMBLY - INCLUDESITEMS 18 TO 20, 22 TO 25, 29 & 30		
34	111A-0808	CONNECTOR	1	710/710A
35	111B-0808	CONNECTOR	A.R.	
36	111E-0808	CONNECTOR	3	
37	111F-0808	CONNECTOR	1	S/N 19292 & UP
38	8425	CLAMP	6	
39	9298	RUBBER PAD	7	
40	9313 x 300	HOSE	1	UP TO S/N 19291
41	14382 x 300	HOSE	A.R.	
42	14382 x 69	HOSE	1	
43	14382 x 80	HOSE	1	
44	27756	CLAMP	2	
45	50A-0624	BOLT	1	
46	14A-06	LOCKWASHER	6	
47	30A-06	NUT	6	
49	42180	DRIVE ARM ASSEMBLY	1	
50	50A-0516	BOLT	2	
51	14A-05	LOCKWASHER	2	
52	30A-05	NUT	2	
		HYDRAULIC SWIVEL JOINT ASSEMBLY		
53	14148	HYDRAULIC SWIVEL JOINT ASSEMBLY - INCLUDES ITEMS 54 TO 58, 61 & 62	1	USED WITH MANUAL TILT MOLDBOARD
54		SPOOL } NOT AVAILABLE	1	
55		BODY } SEPARATELY	1	
56	2467	WASHER	1	
57	50A-0506	BOLT	2	
58	14A-05	LOCKWASHER	2	
59	46613	SPACER	3	
60	*46617	COVER	1	
61	*51499	O RING	3	
62	*51500	BACK-UP RING	2	
63	50A-0832	BOLT	3	
64	14A-08	LOCKWASHER	3	
65	30A-08	NUT	3	
66		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8

CHAMPION ROAD MACHINERY

MARCH 1991

SLIDE SHIFT CYLINDER & CIRCUIT - Models 710 thru 780A

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO



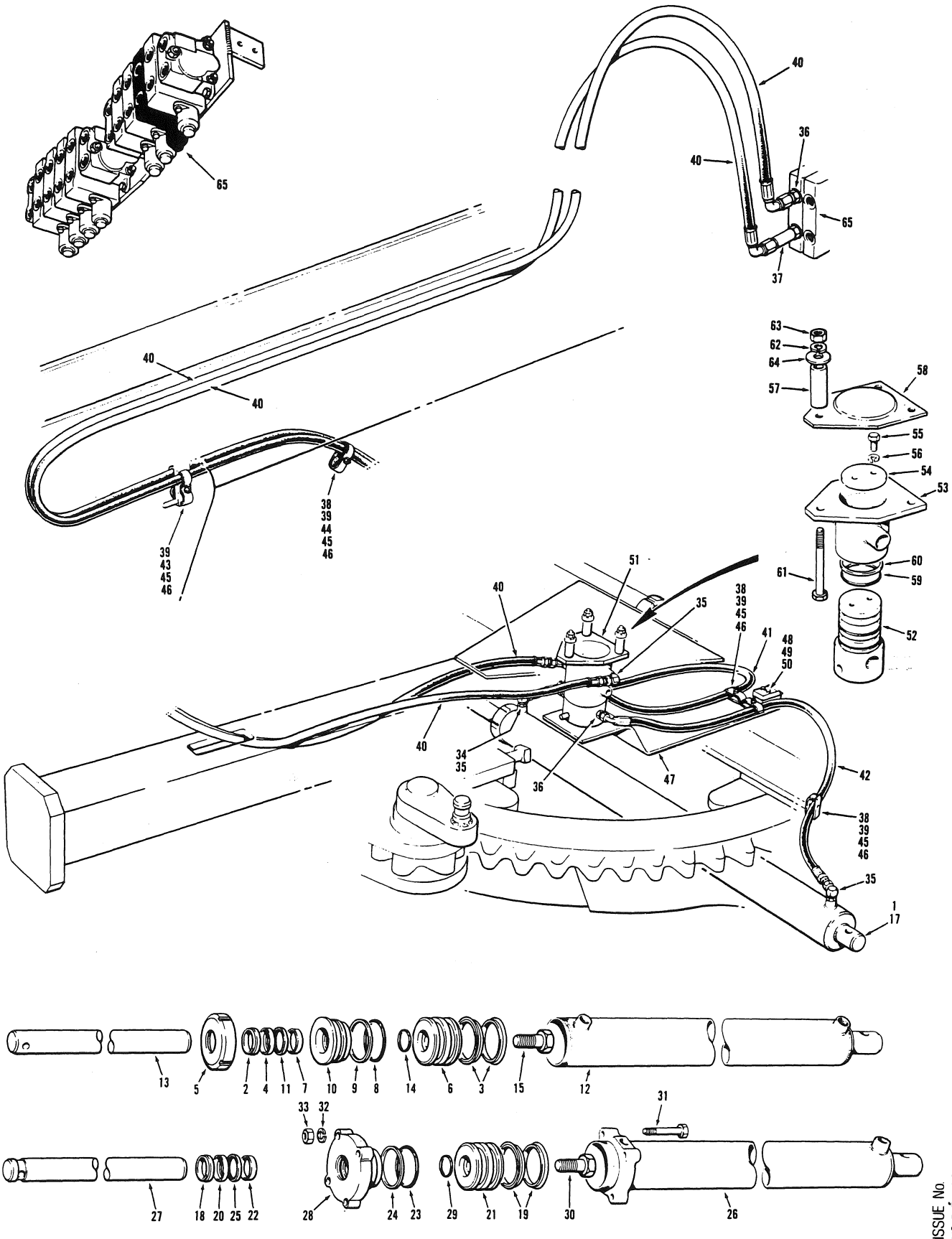
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 6

EFFECTIVE SERIAL NUMBER(S) 19292 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

SLIDE SHIFT CYLINDER & CIRCUIT - Models 710 thru 780A

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		SLIDE SHIFT CYLINDER		710 thru 740A
1	46086	**SLIDE SHIFT CYLINDER ASSEMBLY** - INCLUDES ITEMS 2 to 15	1	
	48953	**REPAIR KIT FOR 46086** - CYLINDER ASSEMBLY - INCLUDESITEMS 2, 3, 4, 7, 8, 9, 11, 14 & 15		
2	12035	WIPER	1	
3	12036	PISTON SEAL	2	
4	12037	ROD SEAL	1	
5	17608	CYLINDER NUT	1	
6	42151	PISTON	1	
7	43074	WEAR RING	1	
8	44244	O-RING	1	
9	44266	BACK-UP RING	1	
10	45734	GLAND	1	
11	45890	BUFFER RING	1	
12	46087	CYLINDER BARREL	1	
13	46749	PISTON ROD	1	
14	12A-224	O-RING	1	
15	50A-1620	BOLT	1	
		HEAVY DUTY SLIDE SHIFT CYLINDER		750 thru 780A
17	46746	**SLIDE SHIFT CYLINDER ASSEMBLY** - HEAVY CIRCLE, - INCLUDES ITEMS 18 to 33	1	
	48953	**REPAIR KIT FOR 46746** - CYLINDER ASSEMBLY - INCLUDESITEMS 18 to 20, 22 to 25, 29 & 30		
18	12035	WIPER	1	
19	12036	PISTON SEAL	1	
20	12037	ROD SEAL	1	
21	42151	PISTON	1	
22	43074	WEAR RING	1	
23	44244	O-RING	1	
24	44266	BACK-UP RING	1	
25	45890	BUFFER RING	1	
26	46747	CYLINDER BARREL	1	
27	46749	PISTON ROD	1	
28	46757	GLAND	1	
29	12A-224	O-RING	1	
30	50A-1620	BOLT	1	
31	50A-0832	BOLT	4	
32	14A-08	LOCKWASHER	4	
33	30A-08	NUT	4	
34	111A-0808	CONNECTOR	1	710/710A
35	111B-0808	CONNECTOR	5	
36	111E-0808	CONNECTOR	2	
37	111F-0808	CONNECTOR	1	
38	8425	CLAMP	6	
39	9298	RUBBER PAD	7	
40	14382 x 300	HOSE	2	
41	*14382 x 63	HOSE	1	
42	*14382 x 69	HOSE	1	
43	27756	CLAMP	2	
44	50A-0624	BOLT	1	
45	14A-06	LOCKWASHER	6	
46	30A-06	NUT	6	
47	42180	DRIVE ARM ASSEMBLY	1	
48	50A-0516	BOLT	2	
49	14A-05	LOCKWASHER	2	
50	30A-05	NUT	2	
		HYDRAULIC SWIVEL JOINT ASSEMBLY		
51	14148	**HYDRAULIC SWIVEL JOINT ASSEMBLY** - INCLUDES ITEMS 52 to 56, 59 & 60	1	USED WITH MANUAL TILT MOLDBOARD
52		SPOOL } NOT AVAILABLE	1	
53		BODY } SEPARATELY	1	
54	2467	WASHER	1	
55	50A-0506	BOLT	2	
56	14A-05	LOCKWASHER	2	
57	46613	SPACER	3	
58	46617	COVER	1	
59	51499	O-RING	3	
60	51500	BACK-UP RING	2	
61	50A-0832	BOLT	3	
62	14A-08	LOCKWASHER	3	
63	30A-08	NUT	3	
64		MANIFOLD VALVE ASSEMBLY	REF.	Sect 4 Pg 7

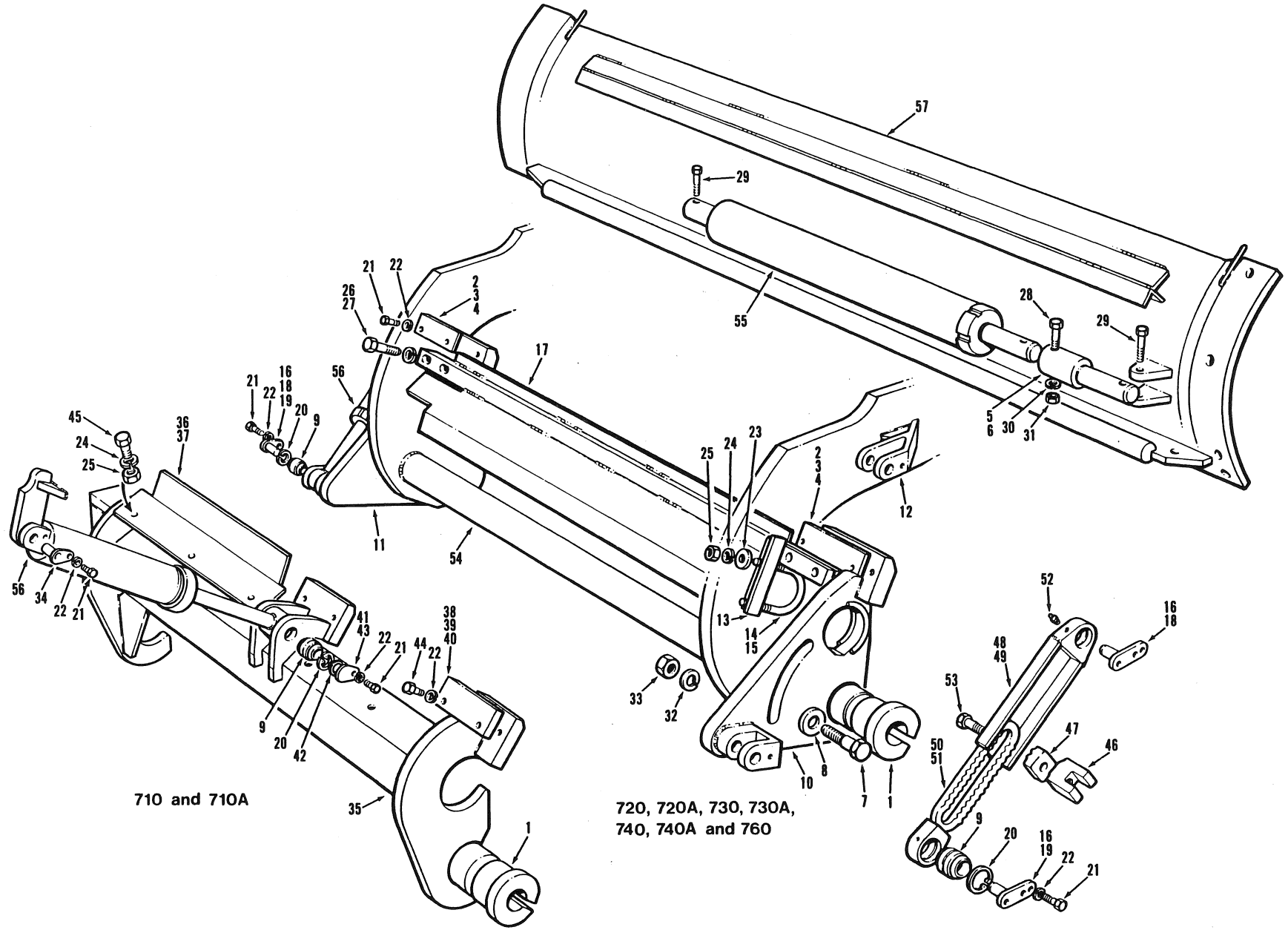
SLIDE SHIFT CYLINDER & CIRCUIT - Models 710 thru 780A



EFFECTIVE SERIAL NUMBER(S) 21283 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

SLIDE SHIFT CYLINDER & CIRCUIT - Models 710 thru 780A

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		SLIDE SHIFT CYLINDER		710 thru 740A
1	46086	**SLIDE SHIFT CYLINDER ASSEMBLY** - INCLUDES ITEMS 2 to 15	1	
	48953	**REPAIR KIT FOR 46086** - CYLINDER ASSEMBLY - INCLUDESITEMS 2, 3, 4, 7, 8, 9, 11, 14 & 15		
2	12035	WIPER	1	
3	12036	PISTON SEAL	2	
4	12037	ROD SEAL	1	
5	17608	CYLINDER NUT	1	
6	42151	PISTON	1	
7	43074	WEAR RING	1	
8	44244	O-RING	1	
9	44266	BACK-UP RING	1	
10	45734	GLAND	1	
11	45890	BUFFER RING	1	
12	46087	CYLINDER BARREL	1	
13	46749	PISTON ROD	1	
14	12A-224	O-RING	1	
15	50A-1620	BOLT	1	
		HEAVY DUTY SLIDE SHIFT CYLINDER		750 thru 780A
17	46746	**SLIDE SHIFT CYLINDER ASSEMBLY** - HEAVY CIRCLE, - INCLUDES ITEMS 18 to 33	1	
	48953	**REPAIR KIT FOR 46746** - CYLINDER ASSEMBLY - INCLUDESITEMS 18 to 20, 22 to 25, 29 & 30		
18	12035	WIPER	1	
19	12036	PISTON SEAL	1	
20	12037	ROD SEAL	1	
21	42151	PISTON	1	
22	43074	WEAR RING	1	
23	44244	O-RING	1	
24	44266	BACK-UP RING	1	
25	45890	BUFFER RING	1	
26	46747	CYLINDER BARREL	1	
27	46749	PISTON ROD	1	
28	46757	GLAND	1	
29	12A-224	O-RING	1	
30	50A-1620	BOLT	1	
31	50A-0832	BOLT	4	
32	14A-08	LOCKWASHER	4	
33	30A-08	NUT	4	
34	111A-0808	CONNECTOR	1	710/710A
35	111B-0808	CONNECTOR	5	
36	111E-0808	CONNECTOR	2	
37	111F-0808	CONNECTOR	1	
38	8425	CLAMP	6	
39	9298	RUBBER PAD	7	
40	14382 x 300	HOSE	2	
41	14382 x 63	HOSE	1	
42	14382 x 69	HOSE	1	
43	27756	CLAMP	2	
44	50A-0624	BOLT	1	
45	14A-06	LOCKWASHER	6	
46	30A-06	NUT	6	
47	42180	DRIVE ARM ASSEMBLY	1	
48	50A-0516	BOLT	2	
49	14A-05	LOCKWASHER	2	
50	30A-05	NUT	2	
		HYDRAULIC SWIVEL JOINT ASSEMBLY		
51	*58299	**HYDRAULIC SWIVEL JOINT ASSEMBLY** - INCLUDES ITEMS 52 to 56, 59 & 60	1	USED WITH MANUAL TILT MOLDBOARD
52		SPOOL } NOT AVAILABLE	1	
53		BODY } SEPARATELY	1	
54	2467	WASHER - RETAINER	1	
55	50A-0506	BOLT	2	
56	14A-05	LOCKWASHER	2	
57	*58328	SPACER	3	
58	46617	COVER	1	
59	*58326	O-RING	3	
60	51500	BACK-UP RING	2	
61	50A-0844	BOLT	3	
62	14A-08	LOCKWASHER	3	
63	30A-08	NUT	3	
64	*14C-08	WASHER	3	
65		**MANIFOLD VALVE ASSEMBLY**	REF.	Sect 4 Pg 7



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

MANUAL & POWER TILT MOLDBOARD INSTALLATIONS

APRIL 1986

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224, 16245 TO 16885,
NUMERO(S) DE SÉRIE EFFECTIF(S) 16888 TO 16893
NUMERO(S) DE SERIE EFECTIVO(S) U.S. 2021-2 TO 2486-2

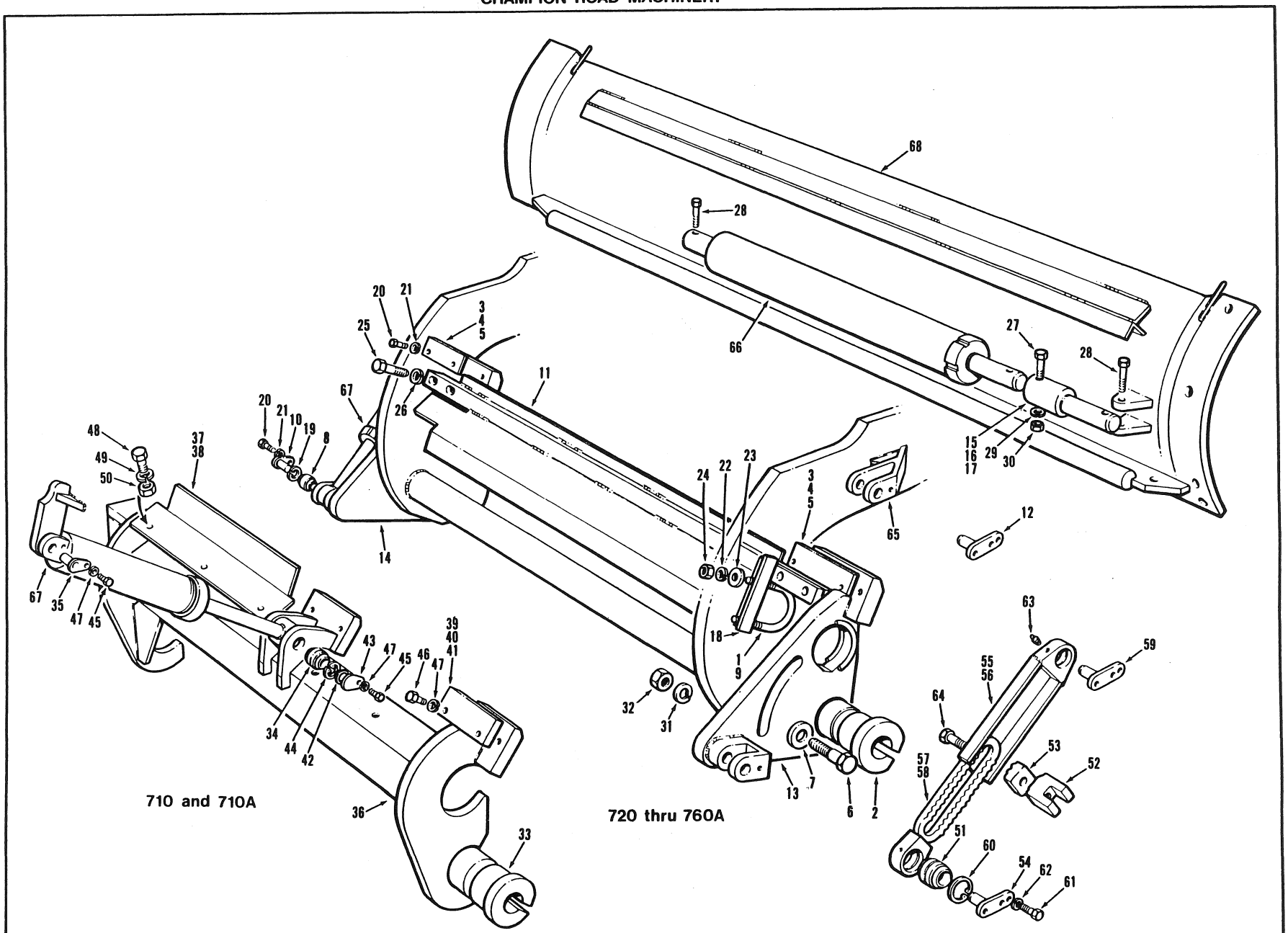
700 SERIES
SERIE 700

SECTION 2 PAGE 17
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		DUAL CYLINDER POWER TILT MOLDBOARD		720 THRU 760
1	12349	LOWER SLIDE CASTING	2	
2	14358-1	QUADRANT WEAR PLATE - 1/2"	A.R.	
3	14358-2	QUADRANT WEAR PLATE - 3/8"	A.R.	
4	14358-3	QUADRANT WEAR PLATE - 1/4"	A.R.	
5	17759	EXTENSION - CYLINDER - 13 FOOT MOLDBOARD	A.R.	
6	17760	EXTENSION - CYLINDER - 14 FOOT MOLDBOARD	A.R.	
7	19598	BOLT	2	
8	19599	RETAINING WASHER	2	
9	19629	SPHERICAL BEARING - 35mm	A.R.	
10	27513	QUADRANT - R.H.	1	
11	27514	QUADRANT - L.H.	1	
12	27721	STRADDLE MOUNT	A.R.	REPAIR PART
13	27834	SLIDE CYLINDER CLAMP	1	
14	27836	U-CLAMP	1	
15	9513 X 13	RUBBER HOSE - (USED WITH ITEM 14)	1	
16	27838	BEARING PIN - 35mm	4	USED UP TO S/N 16737 & U.S. 2386-2
17	32715	GUARD - SLIDE SHIFT CYLINDER	1	
18	*24207	BEARING PIN - UPPER	2	USED ON S/N 16738 & UP
19	*42046	BEARING PIN - LOWER	2	U.S. 2387-2 & UP
20	19B-218	SNAP RING	A.R.	
21	50A-0608	BOLT	8	
22	14A-06	LOCKWASHER	A.R.	
23	14C-08	FLATWASHER	A.R.	
24	14A-08	LOCKWASHER	A.R.	
25	30A-08	NUT	A.R.	
26	50A-1220	BOLT	A.R.	
27	14A-12	LOCKWASHER	A.R.	
28	51A-1632	BOLT	1	
29	51A-1640	BOLT	2	
30	14A-16	LOCKWASHER	3	
31	31A-16	NUT	3	
32	14A-20	LOCKWASHER	2	
33	30A-20	NUT	2	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		SINGLE CYLINDER TILT MOLDBOARD		710/710A
34	24207	BEARING PIN - UPPER	1	
35	27985	QUADRANT	1	
36	33315	STONE GUARD - L.H.	1	
37	33316	STONE GUARD - R.H.	1	
38	33325	QUADRANT WEAR PLATE - 1/4"	A.R.	
39	33326	QUADRANT WEAR PLATE - 3/8"	A.R.	
40	33327	QUADRANT WEAR PLATE - 1/2"	A.R.	
41	33375	BEARING PIN - LOWER	1	UP TO U.S. S/N 2275-2 ONLY
42	*41397	SPACER - (USED WITH ITEM 43)	2	S/N 16224, 16245 & UP
43	*41398	BEARING PIN - LOWER	1	U.S. 2276-2 & UP
44	50A-0612	BOLT	6	
45	50A-0808	BOLT	6	
		MANUAL TILT LINK ASSEMBLY		
46	12543	ADJUSTING NUT	2	
47	23065	LOCKING BLOCK	2	
48	32909	OUTER TILT LINK - R.H.	1	
49	32910	OUTER TILT LINK - L.H.	1	
50	32911	INNER TILT LINK - R.H.	1	
51	32912	INNER TILT LINK - L.H.	1	
52	29A-02	GREASE FITTING	4	
53	51A-1628	BOLT	2	
54		CIRCLE & DRAWBAR ASSEMBLY	REF.	SECTION 2 PAGE 2/4
55		SLIDE SHIFT CYLINDER & CIRCUIT	REF.	SECTION 2 PAGE 14/16
56		POWER TILT CYLINDER & CIRCUIT	REF.	SECTION 2 PAGE 24/26
57		MOLDBOARD, EDGES & EXTENSIONS	REF.	SECTION 2 PAGE 20



EFFECTIVE SERIAL NUMBER(S) 16886, 16887, 16894 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2487-2 & UP

700 SERIES
SERIE 700

SECTION 2 PAGE 17
SECCION 2 PAGINA 17

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
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MANUAL & POWER TILT MOLDBOARD INSTALLATIONS - MODEL 710 THRU 760A

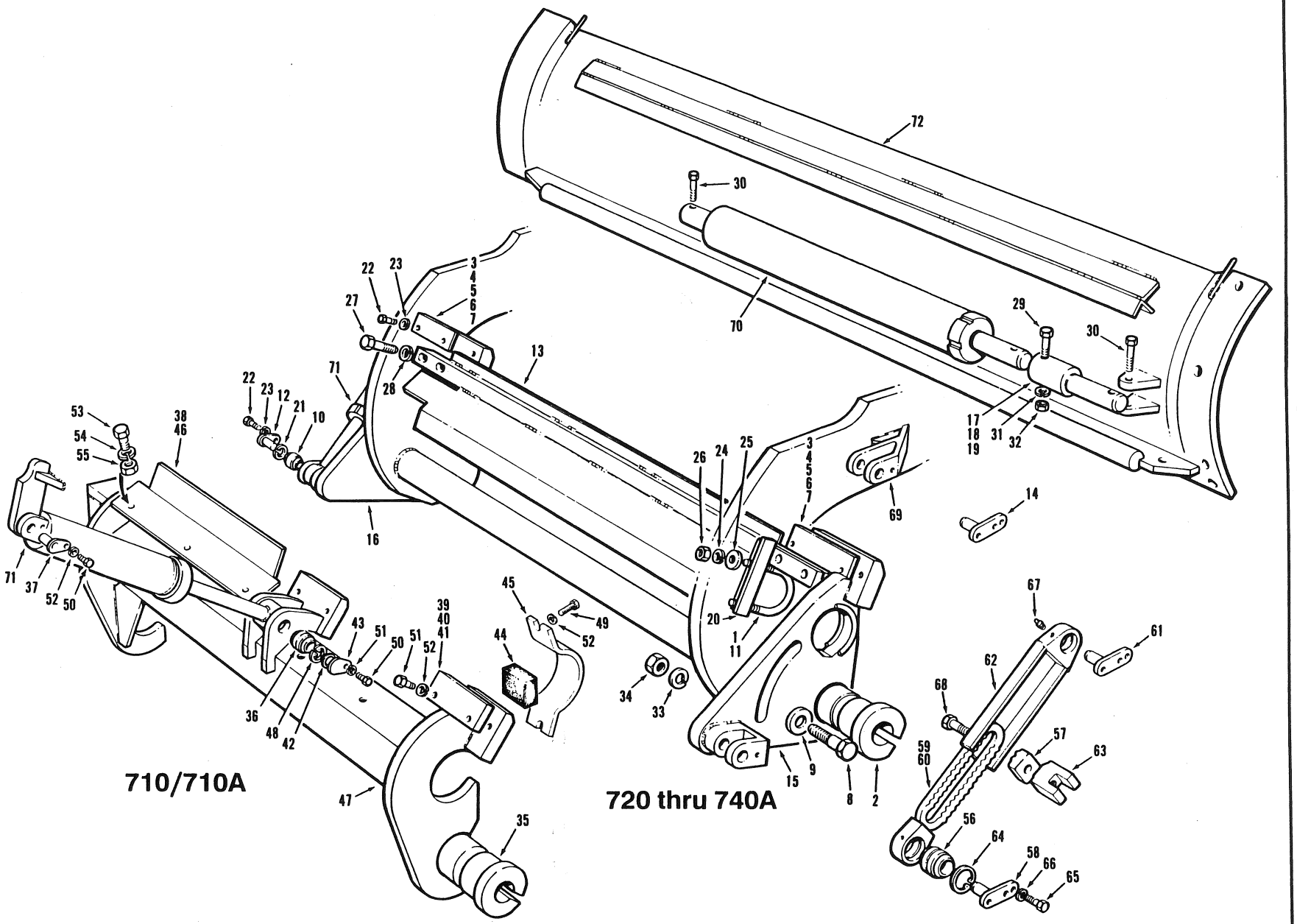
MAY 1987

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		DUAL CYLINDER POWER TILT MOLDBOARD		720 THRU 760A
1	9513 X 13	RUBBER HOSE - (USED WITH ITEM 18)	1	
2	12349	LOWER SLIDE CASTING	2	
3	14358-1	QUADRANT WEAR PLATE - 1/2"	A.R.	
4	14358-2	QUADRANT WEAR PLATE - 3/8"	A.R.	
5	14358-3	QUADRANT WEAR PLATE - 1/4"	A.R.	
6	19598	BOLT	2	
7	19599	RETAINING WASHER	2	
8	19629	SPHERICAL BEARING - 35mm	2	
9	27836	U-CLAMP	1	
10	24207	BEARING PIN - LOWER	2	
11	32715	GUARD - SLIDE SHIFT CYLINDER	1	
12	42046	BEARING PIN - UPPER	2	
13	42434	QUADRANT - R.H.	1	
14	42435	QUADRANT - L.H.	1	
15	42613	EXTENSION - CYLINDER - 12 FOOT MOLDBOARD	1	
16	42614	EXTENSION - CYLINDER - 13 FOOT MOLDBOARD	1	
17	42615	EXTENSION - CYLINDER - 14 FOOT MOLDBOARD	1	
18	*44157	SLIDE CYLINDER CLAMP	1	
19	19B-218	SNAP RING	2	
20	50A-0608	BOLT	8	
21	14A-06	LOCKWASHER	8	
22	14A-08	LOCKWASHER	2	
23	14C-08	FLATWASHER	2	
24	30A-08	NUT	2	
25	*50A-1224	BOLT	4	
26	14A-12	LOCKWASHER	4	
27	51A-1632	BOLT	1	
28	51A-1640	BOLT	2	
29	14A-16	LOCKWASHER	3	
30	31A-16	NUT	3	
31	14A-20	LOCKWASHER	2	
32	30A-20	NUT	2	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		SINGLE CYLINDER TILT MOLDBOARD		710/710A
33	12349	LOWER SLIDE CASTING	2	
34	19629	SPHERICAL BEARING - 35mm	1	
35	24207	BEARING PIN - UPPER	1	
36	27985	QUADRANT	1	
37	33315	STONE GUARD - L.H.	1	
38	33316	STONE GUARD - R.H.	1	
39	33325	QUADRANT WEAR PLATE - 1/4"	A.R.	
40	33326	QUADRANT WEAR PLATE - 3/8"	A.R.	
41	33327	QUADRANT WEAR PLATE - 1/2"	A.R.	
42	41397	SPACER - (USED WITH ITEM 43)	2	
43	41398	BEARING PIN - LOWER	1	
44	19B-218	SNAP RING	1	
45	50A-0608	BOLT	2	
46	50A-0610	BOLT	6	
47	14A-06	LOCKWASHER	8	
48	50A-0808	BOLT	6	
49	14A-08	LOCKWASHER	6	
50	30A-08	NUT	6	
		MANUAL TILT LINK ASSEMBLY		
51	19629	SPHERICAL BEARING - 35mm	2	
52	12543	ADJUSTING NUT	2	
53	23065	LOCKING BLOCK	2	
54	24207	BEARING PIN - LOWER	2	
55	32909	OUTER TILT LINK - R.H.	1	
56	32910	OUTER TILT LINK - L.H.	1	
57	32911	INNER TILT LINK - R.H.	1	
58	32912	INNER TILT LINK - L.H.	1	
59	42046	BEARING PIN - UPPER	2	
60	19B-218	SNAP RING	1	
61	50A-0608	BOLT	4	
62	14A-06	LOCKWASHER	4	
63	29A-02	GREASE FITTING	4	
64	51A-1628	BOLT	2	
65		CIRCLE & DRAWBAR ASSEMBLY	REF.	SECTION 2 PAGE 2/4/6
66		SLIDE SHIFT CYLINDER & CIRCUIT	REF.	SECTION 2 PAGE 14/16
67		POWER TILT CYLINDER & CIRCUIT	REF.	SECTION 2 PAGE 24/26
68		MOLDBOARDS, EDGES & EXTENSIONS	REF.	SECTION 2 PAGE 20

EFFECTIVE SERIAL NUMBER(S) 19173 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)



700 SERIES
SERIE 700

SECTION 2 PAGE 17
SECCION 2 PAGINA 17

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

MANUAL & POWER TILT MOLDBOARD INSTALLATIONS - MODELS 710 THRU 740A

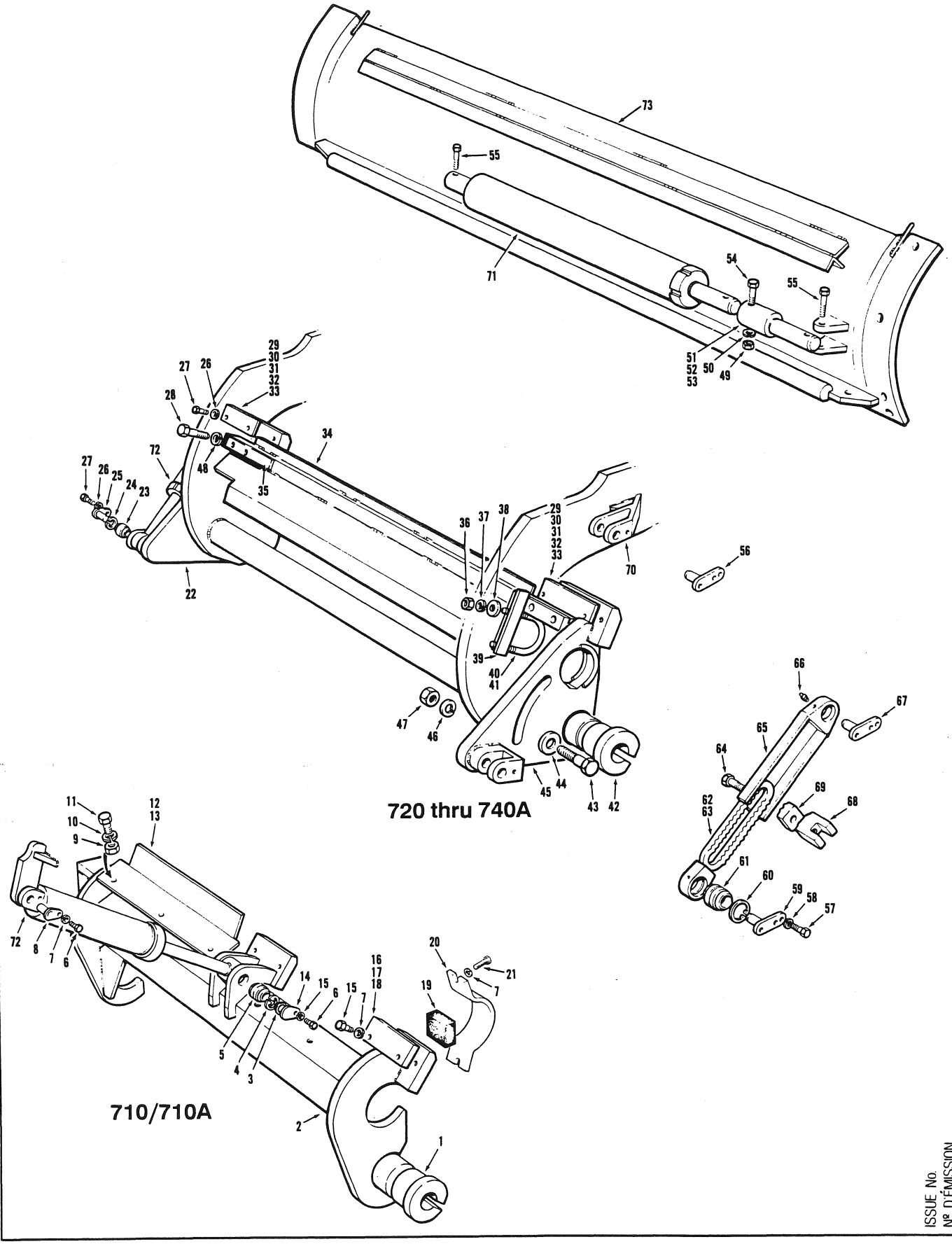
OCTOBER 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		DUAL CYLINDER POWER TILT MOLDBOARD		720 thru 740A
1	9513x13	RUBBER HOSE - (USED WITH ITEM 20)	1	
2	12349	LOWER SLIDE CASTING	2	
3	14358-1	QUADRANT WEAR PLATE - 1/2"	A.R.	
4	14358-2	QUADRANT WEAR PLATE - 3/8"	A.R.	
5	14358-3	QUADRANT WEAR PLATE - 1/4"	A.R.	
6	*14358-4	QUADRANT WEAR PLATE - 1/16"	A.R.	
7	*14358-5	QUADRANT WEAR PLATE - 3/4"	A.R.	
8	19598	BOLT	2	
9	19599	RETAINING WASHER	2	
10	19629	SPHERICAL BEARING - 35 mm	2	
11	27836	U-CLAMP	1	
12	24207	BEARING PIN - LOWER	2	
13	32715	GUARD - SLIDE SHIFT CYLINDER	1	
14	42046	BEARING PIN - UPPER	2	
15	42434	QUADRANT - R.H.	1	
16	42435	QUADRANT - L.H.	1	
17	42613	EXTENSION - CYLINDER - 12' MOLDBOARD	1	
18	42614	EXTENSION - CYLINDER - 13' MOLDBOARD	1	
19	42615	EXTENSION - CYLINDER - 14' MOLDBOARD	1	
20	44157	SLIDE CYLINDER CLAMP	1	
21	19B-218	SNAP RING	2	
22	*50A-0610	BOLT	8	
23	14A-06	LOCKWASHER	8	
24	14A-08	LOCKWASHER	2	
25	14C-08	FLATWASHER	2	
26	30A-08	NUT	2	
27	50A-1224	BOLT	4	
28	14A-12	LOCKWASHER	4	
29	51A-1632	BOLT	1	
30	51A-1640	BOLT	2	
31	14A-16	LOCKWASHER	3	
32	31A-16	NUT	3	
33	14A-20	LOCKWASHER	2	
34	30A-20	NUT	2	
		SINGLE CYLINDER TILT MOLDBOARD		
35	12349	LOWER SLIDE CASTING	2	
36	19629	SPHERICAL BEARING - 35 mm	1	
37	24207	BEARING PIN - UPPER	1	
38	33315	STONE GUARD - L.H.	1	
39	33325	QUADRANT WEAR PLATE - 1/4"	A.R.	
40	33326	QUADRANT WEAR PLATE - 3/8"	A.R.	
41	33327	QUADRANT WEAR PLATE - 1/2"	A.R.	
42	41397	SPACER - (USED WITH ITEM 43)	2	
43	41398	BEARING PIN - LOWER	1	
44	*51035	CUSION BLOCK	1	
45	*53346	CLAMPING PLATE	1	
46	*53604	STONE GUARD - R.H.	1	
47	*53664	QUADRANT	1	
48	19B-218	SNAP RING	1	
49	*50A-0607	BOLT	2	
50	50A-0608	BOLT	2	
51	50A-0610	BOLT	6	
52	14A-06	LOCKWASHER	10	
53	50A-0808	BOLT	6	
54	14A-08	LOCKWASHER	6	
55	30A-08	NUT	6	
		MANUAL TILT LINK ASSEMBLY		
56	19629	SPHERICAL BEARING - 35 mm	2	
57	23065	LOCKING BLOCK	2	
58	24207	BEARING PIN - LOWER	2	
59	32911	INNER TILT LINK - R.H.	1	
60	32912	INNER TILT LINK - L.H.	1	
61	42046	BEARING PIN - UPPER	2	
62	*48076	OUTER TILT LINK	2	
63	*51047	ADJUSTING NUT	2	
64	19B-218	SNAP RING	1	
65	50A-0608	BOLT	4	
66	14A-06	LOCKWASHER	4	
67	29A-02	GREASE FITTING	4	
68	51A-1628	BOLT	2	
69		CIRCLE & DRAWBAR ASSEMBLY	REF.	SECTION 2 PAGE 4
70		SLIDE SHIFT CYLINDER & CIRCUIT	REF.	SECTION 2 PGS. 14 & 16
71		POWER TILT CYLINDER & CIRCUIT	REF.	SECTION 2 PGS. 24 & 26
72		MOLDBOARDS, EDGES & EXTENSIONS	REF.	SECTION 2 PAGE 20

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

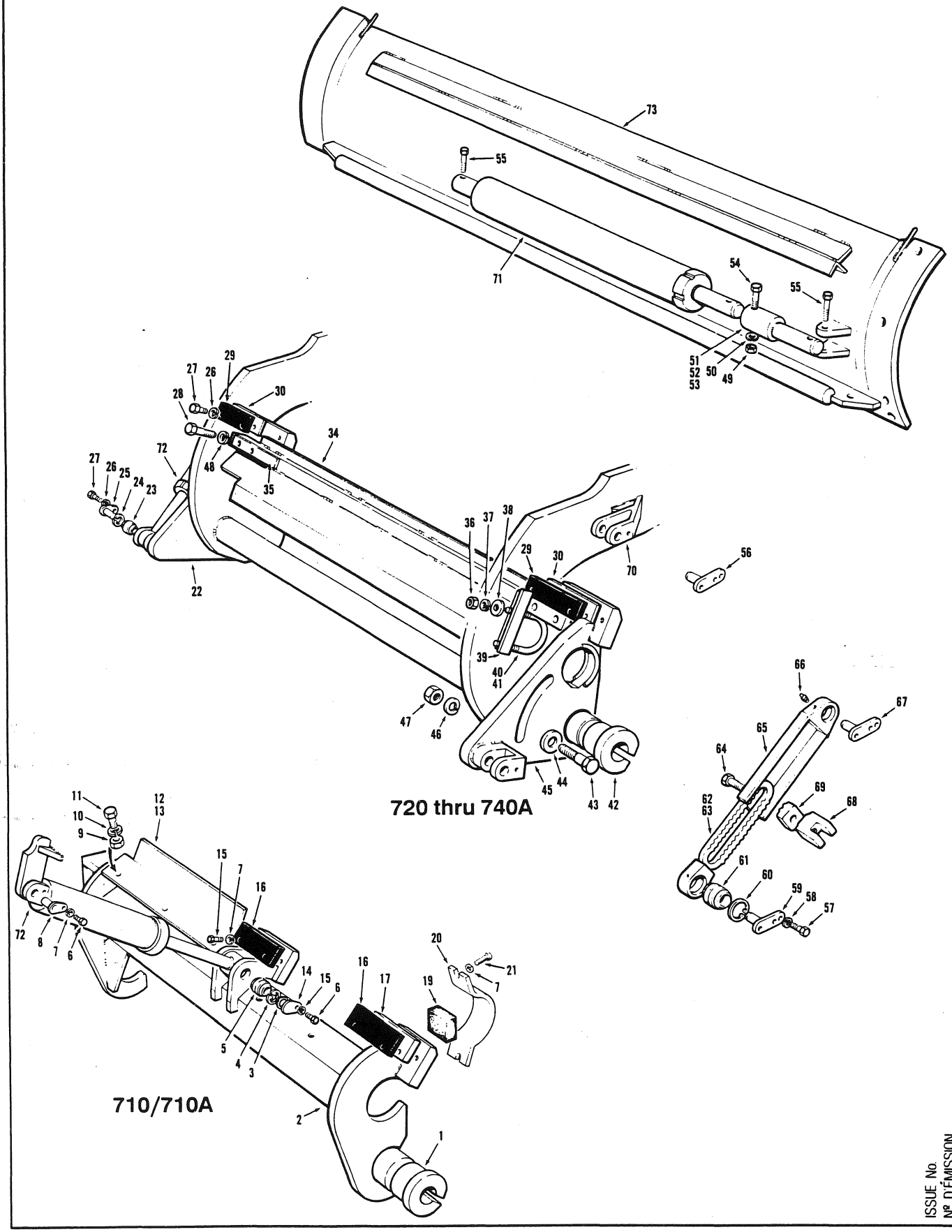
20652, 20662, 20664 & UP

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

MANUAL & POWER TILT MOLDBOARD INSTALLATIONS - Models 710 thru 740A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		SINGLE CYLINDER TILT MOLDBOARD		
1	12349	LOWER SLIDE CASTING	2	
2	53664	QUADRANT	1	
3	41397	SPACER - (USED WITH ITEM 14)	2	
4	19B-218	SNAP RING	1	
5	19629	SPHERICAL BEARING - 35 mm	1	
6	50A-0608	BOLT	2	
7	14A-06	LOCKWASHER	10	
8	24207	BEARING PIN - UPPER	1	
9	30A-08	NUT	6	
10	14A-08	LOCKWASHER	6	
11	50A-0808	BOLT	6	
12	33315	STONE GUARD - L.H.	1	
13	53604	STONE GUARD - R.H.	1	
14	41398	BEARING PIN - LOWER	1	
15	50A-0610	BOLT	6	
16	33325	QUADRANT WEAR PLATE - 1/4"	A.R.	
17	33326	QUADRANT WEAR PLATE - 3/8"	A.R.	
18	33327	QUADRANT WEAR PLATE - 1/2"	A.R.	
19	51035	CUSHION BLOCK	1	
20	53346	CLAMPING PLATE	1	
21	50A-0607	BOLT	2	
		DUAL CYLINDER POWER TILT MOLDBOARD		720 thru 740A
22	*54761	QUADRANT - L.H.	1	
23	19629	SPHERICAL BEARING - 35 mm	2	
24	19B-218	SNAP RING	2	
25	24207	BEARING PIN - LOWER	2	
26	14A-06	LOCKWASHER	8	
27	50A-0610	BOLT	8	
28	*50A-1424	BOLT	4	
29	14358-1	QUADRANT WEAR PLATE - 1/2"	A.R.	
30	14358-2	QUADRANT WEAR PLATE - 3/8"	A.R.	
31	14358-3	QUADRANT WEAR PLATE - 1/4"	A.R.	
32	14358-4	QUADRANT WEAR PLATE - 1/16"	A.R.	
33	14358-5	QUADRANT WEAR PLATE - 3/4"	A.R.	
34	*54752	GUARD - SLIDE SHIFT CYLINDER	1	
35	*54755	CLAMP BAR	2	
36	30A-08	NUT	2	
37	14A-08	LOCKWASHER	2	
38	14C-08	FLATWASHER	2	
39	*54753	SLIDE CYLINDER CLAMP	1	
40	9513 x 13	RUBBER HOSE - (USED WITH ITEM 39)	1	
41	27836	U-CLAMP	1	
42	12349	LOWER SLIDE CASTING	2	
43	19598	BOLT	2	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
44	19599	RETAINING WASHER	2	
45	*54760	QUADRANT - R.H.	1	
46	14A-20	LOCKWASHER	2	
47	30A-20	NUT	2	
48	*14A-14	LOCKWASHER	4	
49	31A-16	NUT	3	
50	14A-16	LOCKWASHER	3	
51	42613	EXTENSION - CYLINDER - 12' MOLDBOARD	1	
52	42614	EXTENSION - CYLINDER - 13' MOLDBOARD	1	
53	42615	EXTENSION - CYLINDER - 14' MOLDBOARD	1	
54	51A-1632	BOLT	1	
55	51A-1640	BOLT	2	
56	42046	BEARING PIN - UPPER	2	
		MANUAL TILT LINK ASSEMBLY		
57	50A-0608	BOLT	4	
58	14A-06	LOCKWASHER	4	
59	24207	BEARING PIN - LOWER	2	
60	19B-218	SNAP RING	1	
61	19629	SPHERICAL BEARING - 35 mm	4	
62	32911	INNER TILT LINK - R.H.	1	
63	32912	INNER TILT LINK - L.H.	1	
64	51A-1628	BOLT	2	
65	48076	OUTER TILT LINK	2	
66	29A-02	GREASE FITTING	2	
67	42046	BEARING PIN - UPPER	2	
68	51047	ADJUSTING NUT	2	
69	23065	LOCKING BLOCK	2	
70		CIRCLE & DRAWBAR ASSEMBLY	REF.	SECTION 2 PAGE 4
71		SLIDE SHIFT CYLINDER & CIRCUIT	REF.	SECTION 2 PGS. 14 & 16
72		POWER TILT CYLINDER & CIRCUIT	REF.	SECTION 2 PGS. 24 & 26
73		MOLDBOARDS, EDGES & EXTENSIONS	REF.	SECTION 2 PAGE 20



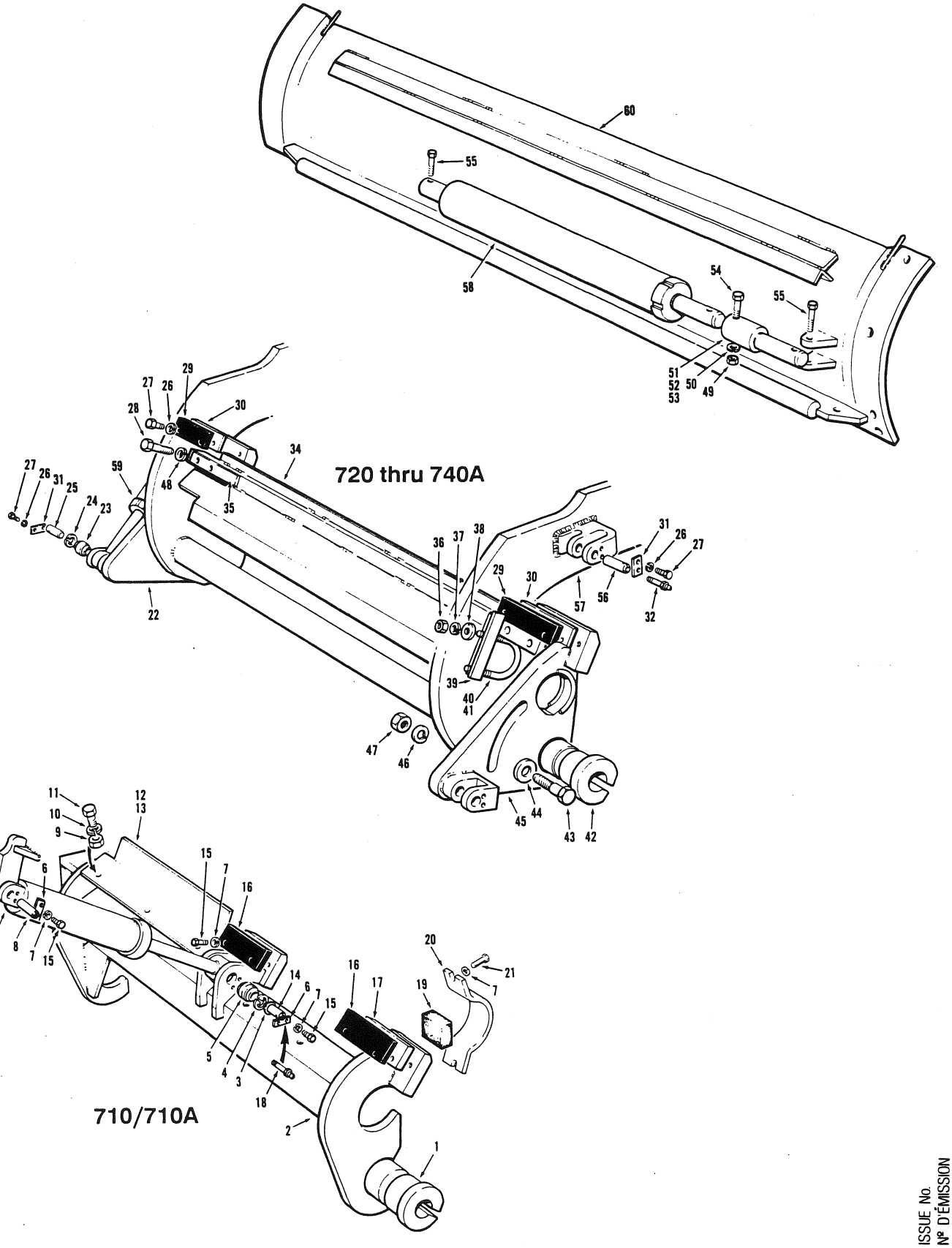
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20719 & UP
EXCLUDING 20731

MANUAL & POWER TILT MOLDBOARD INSTALLATIONS - Models 710 thru 740A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		SINGLE CYLINDER TILT MOLDBOARD		**710/710A**
1	12349	LOWER SLIDE CASTING	2	
2	53664	QUADRANT	1	
3	41397	SPACER - (USED WITH ITEM 14)	2	
4	19B-218	SNAP RING	1	
5	19629	SPHERICAL BEARING - 35 mm	1	
6	50A-0608	BOLT	2	
7	14A-06	LOCKWASHER	10	
8	24207	BEARING PIN - UPPER	1	
9	30A-08	NUT	6	
10	14A-08	LOCKWASHER	6	
11	50A-0808	BOLT	6	
12	33315	STONE GUARD - L.H.	1	
13	53604	STONE GUARD - R.H.	1	
14	41398	BEARING PIN - LOWER	1	
15	50A-0610	BOLT	6	
16	*56790	DURAMIDE BEARING PLATE	3	
17	33325	SHIM - 1/4"	A.R.	
	33326	SHIM - 3/8"	A.R.	
	33327	SHIM - 1/2"	A.R.	
19	51035	CUSHION BLOCK	1	
20	53346	CLAMPING PLATE	1	
21	50A-0607	BOLT	2	
		DUAL CYLINDER POWER TILT MOLDBOARD		**720 thru 740A**
22	54761	QUADRANT - L.H.	1	
23	19629	SPHERICAL BEARING - 35 mm	2	
24	19B-218	SNAP RING	2	
25	24207	BEARING PIN - LOWER	2	
26	14A-06	LOCKWASHER	8	
27	50A-0610	BOLT	8	
28	50A-1424	BOLT	4	
29	*56423	DURAMIDE BEARING PLATE	2	
30	14358-1	SHIM - 1/2"	A.R.	
	14358-2	SHIM - 3/8"	A.R.	
	14358-3	SHIM - 1/4"	A.R.	
	14358-4	SHIM - 1/16"	A.R.	
	14358-5	SHIM - 3/4"	A.R.	
34	54752	GUARD - SLIDE SHIFT CYLINDER	1	
35	54755	CLAMP BAR	2	
36	30A-08	NUT	2	
37	14A-08	LOCKWASHER	2	
38	14C-08	FLATWASHER	2	
39	54753	SLIDE CYLINDER CLAMP	1	
40	9513 x 13	RUBBER HOSE - (USED WITH ITEM 39)	1	
41	27836	U-CLAMP	1	
42	12349	LOWER SLIDE CASTING	2	
43	19598	BOLT	2	
44	19599	RETAINING WASHER	2	
45	54760	QUADRANT - R.H.	1	
46	14A-20	LOCKWASHER	2	
47	30A-20	NUT	2	
48	14A-14	LOCKWASHER	4	
49	31A-16	NUT	3	
50	14A-16	LOCKWASHER	3	
51	42613	EXTENSION - CYLINDER - 12' MOLDBOARD	1	
52	42614	EXTENSION - CYLINDER - 13' MOLDBOARD	1	
53	42615	EXTENSION - CYLINDER - 14' MOLDBOARD	1	
54	51A-1632	BOLT	1	
55	51A-1640	BOLT	2	
56	42046	BEARING PIN - UPPER	2	
		MANUAL TILT LINK ASSEMBLY		
57	50A-0608	BOLT	4	
58	14A-06	LOCKWASHER	4	
59	24207	BEARING PIN - LOWER	2	
60	19B-218	SNAP RING	1	
61	19629	SPHERICAL BEARING - 35 mm	4	
62	32911	INNER TILT LINK - R.H.	1	
63	32912	INNER TILT LINK - L.H.	1	
64	51A-1628	BOLT	2	
65	48076	OUTER TILT LINK	2	
66	29A-02	GREASE FITTING	2	
67	42046	BEARING PIN - UPPER	2	
68	51047	ADJUSTING NUT	2	
69	23065	LOCKING BLOCK	2	
70		CIRCLE & DRAWBAR ASSEMBLY	REF.	SECTION 2 PAGE 4
71		SLIDE SHIFT CYLINDER & CIRCUIT	REF.	SECTION 2 PGS. 14 & 16
72		POWER TILT CYLINDER & CIRCUIT	REF.	SECTION 2 PGS. 24 & 26
73		MOLDBOARDS, EDGES & EXTENSIONS	REF.	SECTION 2 PAGE 20



MOLDBOARD INSTALLATIONS - Models 710 thru 740A

FEBRUARY 1991

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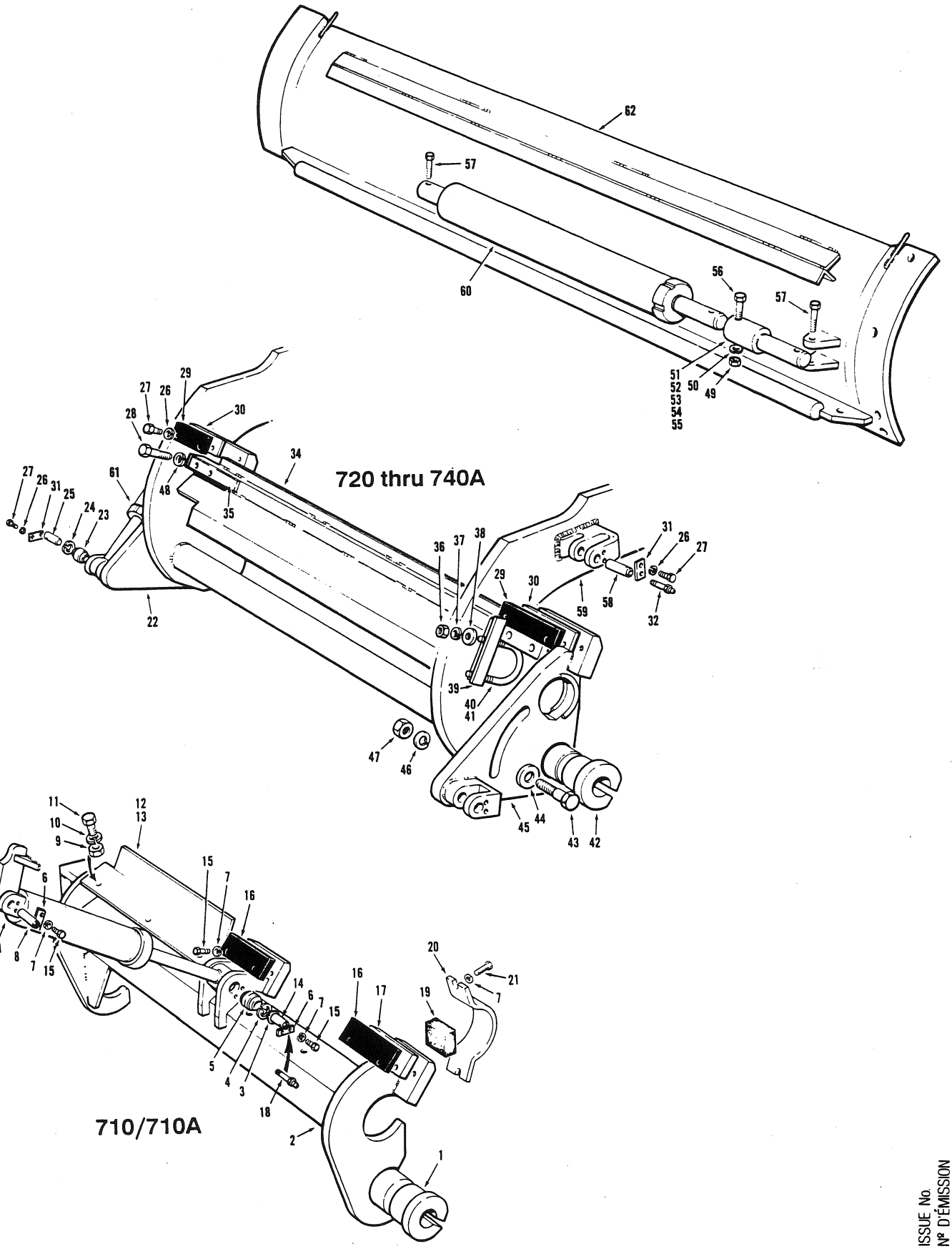
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 6

EFFECTIVE SERIAL NUMBER(S) 21254 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

MOLDBOARD INSTALLATIONS - Models 710 thru 740A

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		SINGLE CYLINDER TILT MOLDBOARD		**710/710A**
1	12349	LOWER SLIDE CASTING	2	
2	*49042	QUADRANT	1	
3	41397	SPACER - (USED WITH ITEM 14)	2	
4	19B-218	SNAP RING	1	
5	19629	SPHERICAL BEARING - 35 mm	1	
6	*56909	LOCK PLATE	2	
7	14A-06	LOCKWASHER	10	
8	*59047	BEARING PIN - UPPER	1	
9	30A-08	NUT	6	
10	14A-08	LOCKWASHER	6	
11	50A-0808	BOLT	6	
12	33315	STONE GUARD - L.H.	1	
13	53604	STONE GUARD - R.H.	1	
14	*59050	BEARING PIN - LOWER	1	
15	50A-0610	BOLT	10	
16	56790	DURAMIDE BEARING PLATE	3	
	33325	SHIM - 1/4"	3	
17	33326	SHIM - 3/8"	1	
	33327	SHIM - 1/2"	1	
18	*29G-01	GREASE FITTING	2	
19	51035	CUSHION BLOCK	1	
20	53346	CLAMPING PLATE	1	
21	50A-0607	BOLT	2	
		DUAL CYLINDER POWER TILT MOLDBOARD		**720 thru 740A**
22	*59037	QUADRANT - L.H.	1	
23	19629	SPHERICAL BEARING - 35 mm	2	
24	19B-218	SNAP RING	2	
25	*59023	BEARING PIN - LOWER	2	
26	14A-06	LOCKWASHER	12	
27	50A-0610	BOLT	12	
28	50A-1424	BOLT	4	
29	56423	DURAMIDE BEARING PLATE	2	
30	14358-1	SHIM - 1/2"	1	
	14358-2	SHIM - 3/8"	1	
	14358-3	SHIM - 1/4"	2	
	14358-4	SHIM - 1/16"	1	
	14358-5	SHIM - 3/4"	1	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
31	*56909	LOCK PLATE	4	
32	*29G-01	GREASE FITTING	4	
34	54752	GUARD - SLIDE SHIFT CYLINDER	1	
35	54755	CLAMP BAR	2	
36	30A-08	NUT	2	
37	14A-08	LOCKWASHER	2	
38	14C-08	FLATWASHER	2	
39	54753	SLIDE CYLINDER CLAMP	1	
40	9513 x 13	RUBBER HOSE - (USED WITH ITEM 39)	1	
41	27836	U-CLAMP	1	
42	12349	LOWER SLIDE CASTING	2	
43	19598	BOLT	2	
44	19599	RETAINING WASHER	2	
45	*59036	QUADRANT - R.H.	1	
46	14A-20	LOCKWASHER	2	
47	30A-20	NUT	2	
48	14A-14	LOCKWASHER	4	
49	31A-16	NUT	3	
50	14A-16	LOCKWASHER	3	
51	42613	EXTENSION - CYLINDER - 12' MOLDBOARD	1	
52	42614	EXTENSION - CYLINDER - 13' MOLDBOARD	1	
53	42615	EXTENSION - CYLINDER - 14' MOLDBOARD	1	
54	51A-1632	BOLT	1	
55	51A-1640	BOLT	2	
56	*59023	BEARING PIN - UPPER	2	
57		CIRCLE & DRAWBAR ASSEMBLY	REF.	Sect 2 Pg 3
58		SLIDE SHIFT CYLINDER & CIRCUIT	REF.	Sect 2 Pgs 13 & 15
59		POWER TILT CYLINDER & CIRCUIT	REF.	Sect 2 Pgs 23 & 25
60		MOLDBOARDS, EDGES & EXTENSIONS	REF.	Sect 2 Pg 21



MOLDBOARD INSTALLATIONS - Models 710 thru 740A

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 7

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21283 to 21378 INCLUDING
21390, 21391, 21405, 21406,
21419 & 21420

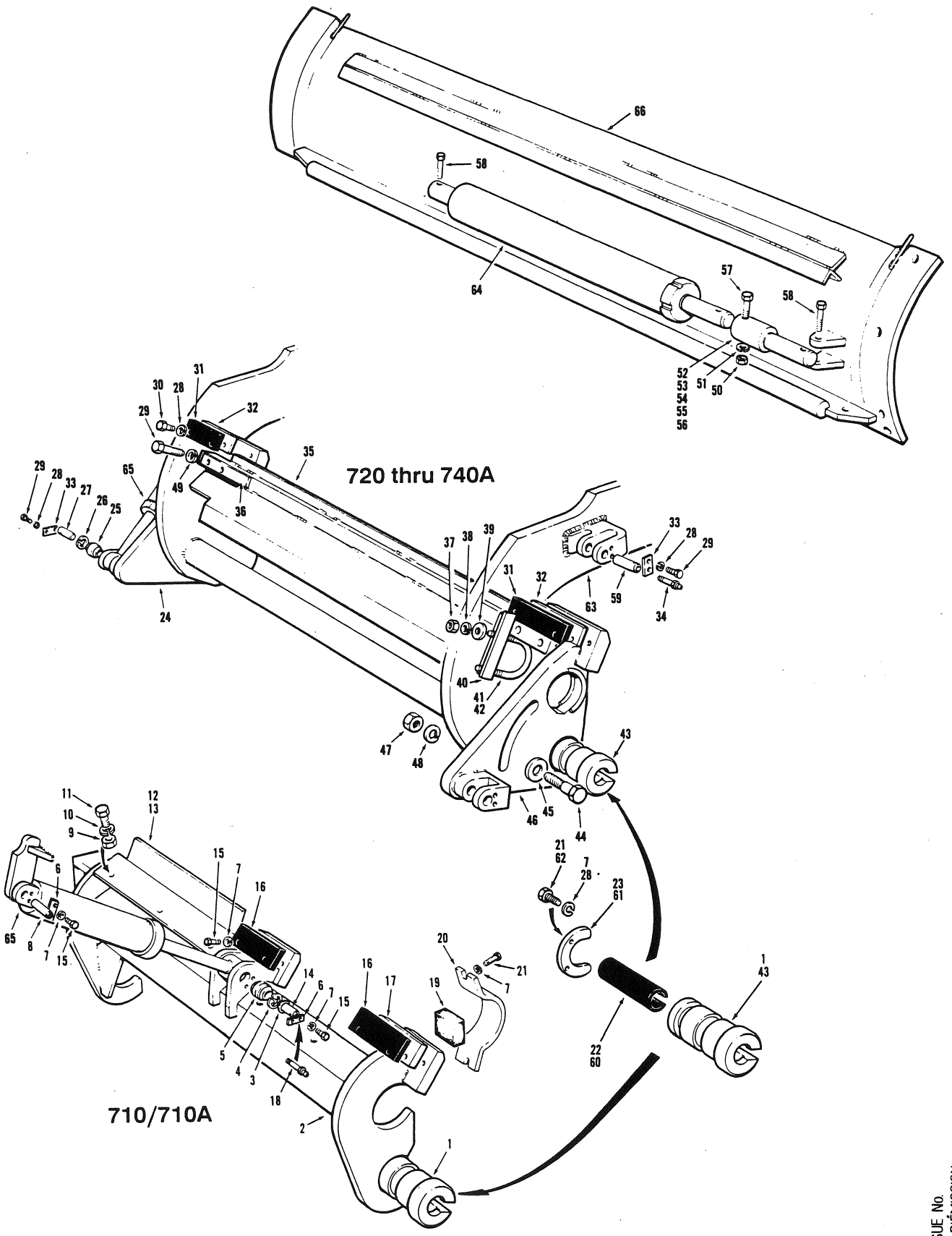
MOLDBOARD INSTALLATIONS - Models 710 thru 740A

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		SINGLE CYLINDER TILT MOLDBOARD		710/710A
1	12349	LOWER SLIDE CASTING	2	
2	*58459	QUADRANT	1	
3	41397	SPACER - (USED WITH ITEM 14)	2	
4	19B-218	SNAP RING	1	
5	19629	SPHERICAL BEARING - 35 mm	1	
6	56909	LOCK PLATE	2	
7	14A-06	LOCKWASHER	10	
8	59047	BEARING PIN - UPPER	1	
9	30A-08	NUT	6	
10	14A-08	LOCKWASHER	6	
11	50A-0808	BOLT	6	
12	33315	STONE GUARD - L.H.	1	
13	53604	STONE GUARD - R.H.	1	
14	59050	BEARING PIN - LOWER	1	
15	50A-0610	BOLT	10	
16	56790	DURAMIDE BEARING PLATE	3	
	33325	SHIM - 1/4"	3	
17	33326	SHIM - 3/8"	1	
	33327	SHIM - 1/2"	1	
18	29G-01	GREASE FITTING	2	
19	51035	CUSHION BLOCK	1	
20	53346	CLAMPING PLATE	1	
21	50A-0607	BOLT	2	
		DUAL CYLINDER POWER TILT MOLDBOARD		720 thru 740A
22	59037	QUADRANT - L.H.	1	
23	19629	SPHERICAL BEARING - 35 mm	2	
24	19B-218	SNAP RING	2	
25	59023	BEARING PIN - LOWER	2	
26	14A-06	LOCKWASHER	12	
27	50A-0610	BOLT	12	
28	50A-1424	BOLT	4	
29	56423	DURAMIDE BEARING PLATE	2	
30	14358-1	SHIM - 1/2"	1	
	14358-2	SHIM - 3/8"	1	
	14358-3	SHIM - 1/4"	2	
	14358-4	SHIM - 1/16"	1	
	14358-5	SHIM - 3/4"	1	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
31	56909	LOCK PLATE	4	
32	29G-01	GREASE FITTING	4	
34	54752	GUARD - SLIDE SHIFT CYLINDER	1	
35	54755	CLAMP BAR	2	
36	30A-08	NUT	2	
37	14A-08	LOCKWASHER	2	
38	14C-08	FLATWASHER	2	
39	54753	SLIDE CYLINDER CLAMP	1	
40	9513 x 13	RUBBER HOSE - (USED WITH ITEM 39)	1	
41	27836	U-CLAMP	1	
42	12349	LOWER SLIDE CASTING	2	
43	19598	BOLT	2	
44	19599	RETAINING WASHER	2	
45	59036	QUADRANT - R.H.	1	
46	14A-20	LOCKWASHER	2	
47	30A-20	NUT	2	
48	14A-14	LOCKWASHER	4	
49	31A-16	NUT	3	
50	14A-16	LOCKWASHER	3	
51	42613	EXTENSION - CYLINDER - 12' MOLDBOARD	1	
52	42614	EXTENSION - CYLINDER - 13' MOLDBOARD	1	
53	42615	EXTENSION - CYLINDER - 14' MOLDBOARD	1	
54	*58424	EXTENSION - CYLINDER - 13' MOLDBOARD - L.H.	1	
55	*58423	EXTENSION - CYLINDER - 14' MOLDBOARD - L.H.	1	
56	51A-1632	BOLT	1	
57	51A-1640	BOLT	2	
58	59023	BEARING PIN - UPPER	2	
59		CIRCLE & DRAWBAR ASSEMBLY	REF.	Sect 2 Pg 3
60		SLIDE SHIFT CYLINDER & CIRCUIT	REF.	Sect 2 Pgs 13 & 15
61		POWER TILT CYLINDER & CIRCUIT	REF.	Sect 2 Pgs 23 & 25
62		MOLDBOARDS, EDGES & EXTENSIONS	REF.	Sect 2 Pg 21

MOLDBOARD INSTALLATIONS - Models 710 thru 740A

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO



ISSUE No. 8
Nº D'ÉMISSION
Nº DE EDICION

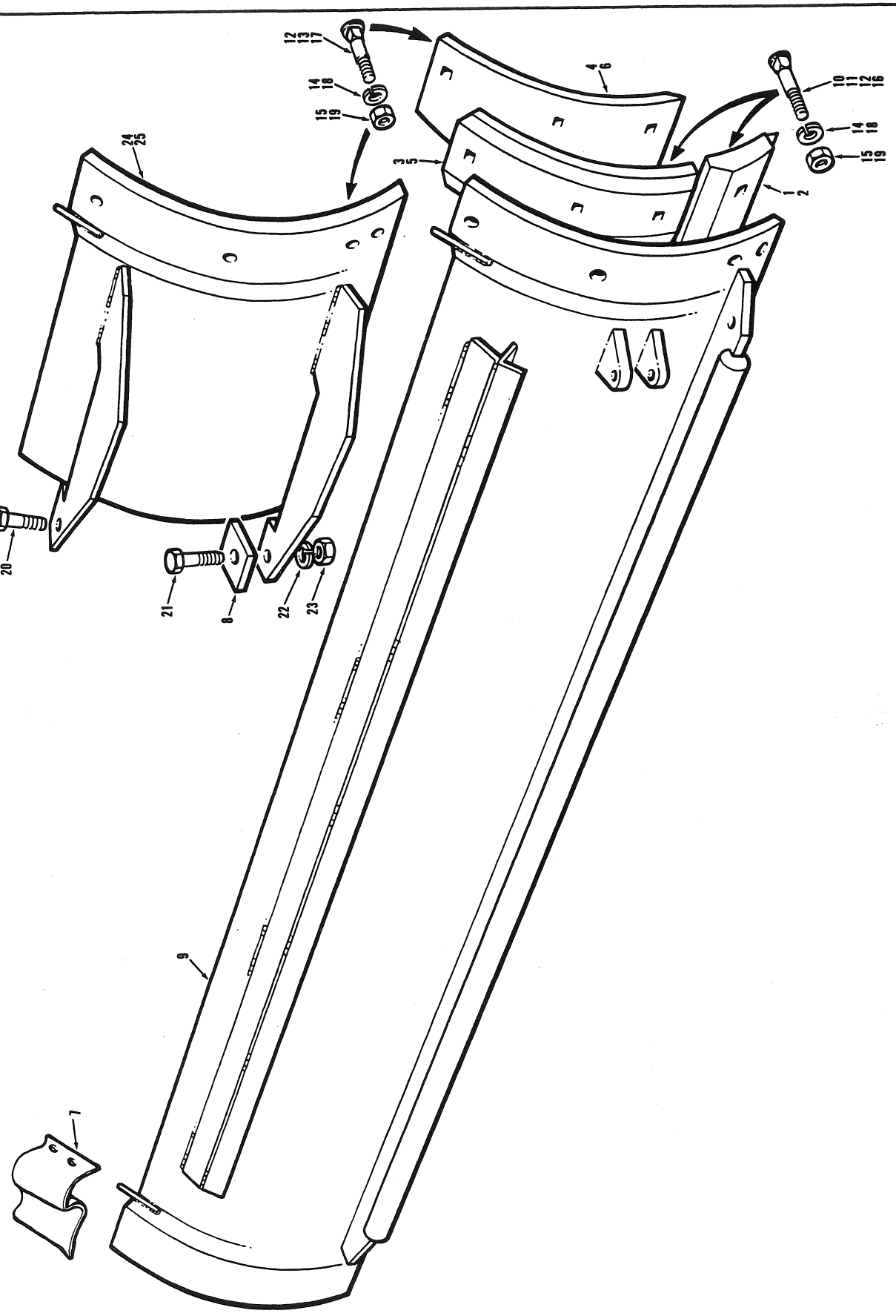
EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21379 & UP EXCLUDING
21390, 21391, 21405, 21406,
21419 & 21420

MOLDBOARD INSTALLATIONS - Models 710 thru 740A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		SINGLE CYLINDER TILT MOLDBOARD		**710/710A**
1	*58398	SLIDE TUBE	2	
2	*58459	QUADRANT	1	
3	41397	SPACER - (USED WITH ITEM 14)	2	
4	19B-218	SNAP RING	1	
5	19629	SPHERICAL BEARING - 35 mm	1	
6	56909	LOCK PLATE	2	
7	14A-06	LOCKWASHER	10	
8	59047	BEARING PIN - UPPER	1	
9	30A-08	NUT	6	
10	14A-08	LOCKWASHER	6	
11	50A-0808	BOLT	6	
12	33315	STONE GUARD - L.H.	1	
13	53604	STONE GUARD - R.H.	1	
14	59050	BEARING PIN - LOWER	1	
15	50A-0610	BOLT	10	
16	56790	DURAMIDE BEARING PLATE	3	
	33325	SHIM - 1/4"	3	
17	33326	SHIM - 3/8"	1	
	33327	SHIM - 1/2"	1	
18	29G-01	GREASE FITTING	2	
19	51035	CUSHION BLOCK	1	
20	53346	CLAMPING PLATE	1	
21	50A-0607	BOLT	2	
22	*58406	DURAMIDE SLIDE BEARING	2	
23	*58399	RETAINER	2	
		DUAL CYLINDER POWER TILT MOLDBOARD		**720 thru 740A**
24	59037	QUADRANT - L.H.	1	
25	19629	SPHERICAL BEARING - 35 mm	2	
26	19B-218	SNAP RING	2	
27	59023	BEARING PIN - LOWER	2	
28	14A-06	LOCKWASHER	16	
29	50A-0610	BOLT	12	
30	50A-1424	BOLT	4	
31	56423	DURAMIDE BEARING PLATE	2	
	14358-1	SHIM - 1/2"	1	
	14358-2	SHIM - 3/8"	1	
32	14358-3	SHIM - 1/4"	2	
	14358-4	SHIM - 1/16"	1	
	14358-5	SHIM - 3/4"	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
33	56909	LOCK PLATE	4	
34	29G-01	GREASE FITTING	4	
35	54752	GUARD - SLIDE SHIFT CYLINDER	1	
36	54755	CLAMP BAR	2	
37	30A-08	NUT	2	
38	14A-08	LOCKWASHER	2	
39	14C-08	FLATWASHER	2	
40	54753	SLIDE CYLINDER CLAMP	1	
41	9513 x 13	RUBBER HOSE - (USED WITH ITEM 39)	1	
42	27836	U-CLAMP	1	
43	*58398	SLIDE TUBE	2	
44	19598	BOLT	2	
45	19599	RETAINING WASHER	2	
46	59036	QUADRANT - R.H.	1	
47	14A-20	LOCKWASHER	2	
48	30A-20	NUT	2	
49	14A-14	LOCKWASHER	4	
50	31A-16	NUT	3	
51	14A-16	LOCKWASHER	3	
52	42613	EXTENSION - CYLINDER - 12' MOLDBOARD	1	
53	42614	EXTENSION - CYLINDER - 13' MOLDBOARD	1	
54	42615	EXTENSION - CYLINDER - 14' MOLDBOARD	1	
55	58424	EXTENSION - CYLINDER - 13' MOLDBOARD - L.H.	1	
56	58423	EXTENSION - CYLINDER - 14' MOLDBOARD - L.H.	1	
57	51A-1632	BOLT	1	
58	51A-1640	BOLT	2	
59	59023	BEARING PIN - UPPER	2	
60	*58406	DURAMIDE SLIDE BEARING	2	
61	*58399	RETAINER	2	
62	*50A-0607	BOLT	4	
63		CIRCLE & DRAWBAR ASSEMBLY	REF.	Sect 2 Pg 3
64		SLIDE SHIFT CYLINDER & CIRCUIT	REF.	Sect 2 Pgs 13 & 15
65		POWER TILT CYLINDER & CIRCUIT	REF.	Sect 2 Pgs 23 & 25
66		MOLDBOARDS, EDGES & EXTENSIONS	REF.	Sect 2 Pg 21



CHAMPION ROAD MACHINERY

MOLDBOARDS, EDGES & EXTENSIONS

APRIL 1986

ISSUE No.
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Nº DE EDICION 1 REVISION A

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

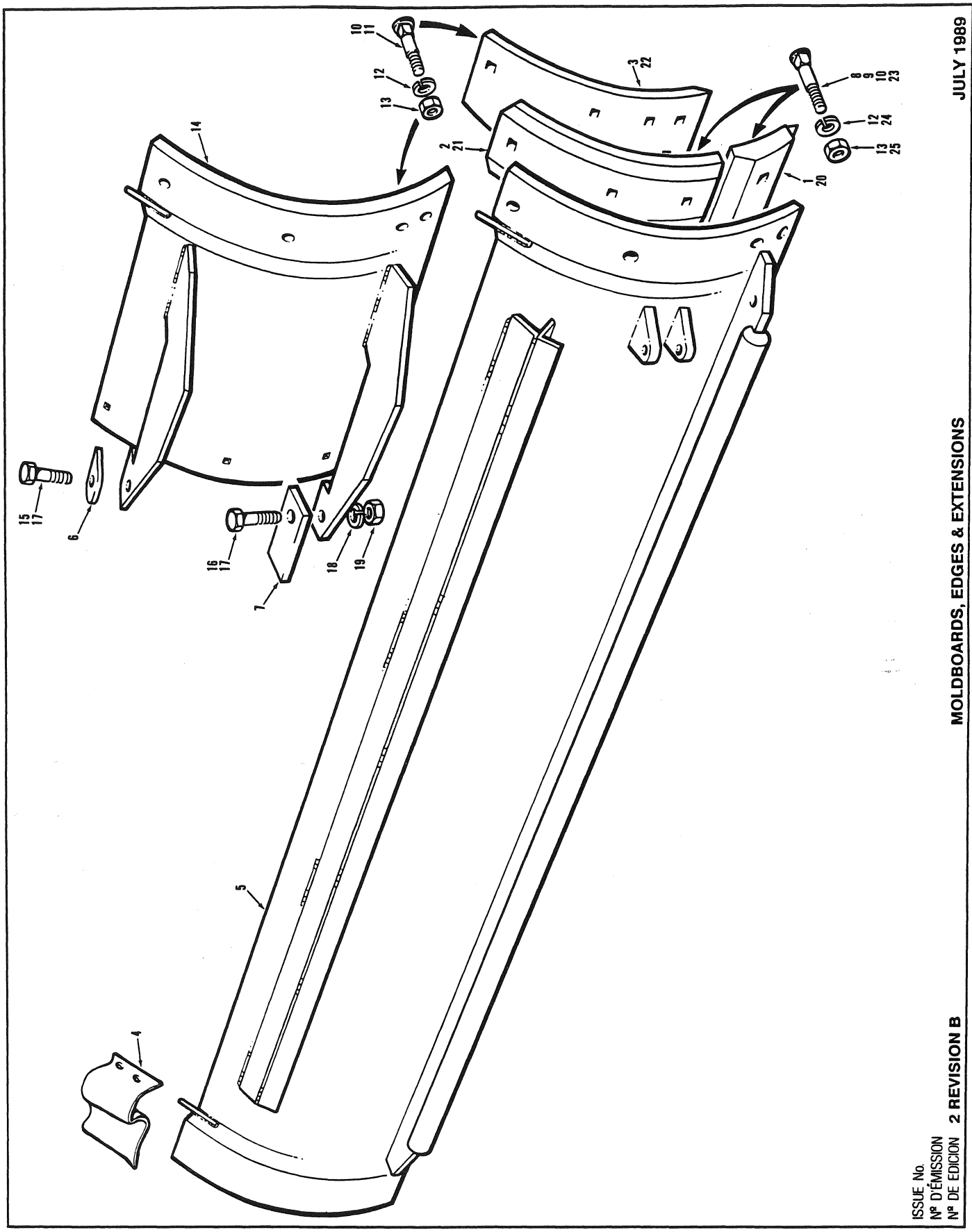
EFFECTIVE SERIAL NUMBER(S) 16224, 16245 TO 16885,
NUMERO(S) DE SÉRIE EFFECTIF(S) 16888 TO 16893
NUMERO(S) DE SERIE EFECTIVO(S)

U.S. 2021-2 TO 2486-2

700 SERIES
SERIE 700

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		EDGES USED WITH 5/8" HARDWARE		
	42	5/8" X 6" X 6 FT. EDGE	A.R.	
	47	5/8" X 6" X 2 FT. EDGE	A.R.	
	7686	5/8" X 6" X 7 FT. EDGE	A.R.	
	10948	3/4" X 6" X 2 FT. EDGE - CARBIDE TIPPED	A.R.	
	10949	3/4" X 6" X 3 FT. EDGE - CARBIDE TIPPED	A.R.	
	10957	3/4" X 6" X 4 FT. EDGE - CARBIDE TIPPED	A.R.	
1	14303	1" X 8" X 6 FT. EDGE	A.R.	
	14304	1" X 8" X 7 FT. EDGE	A.R.	
	14305	1" X 8" X 2 FT. EDGE	A.R.	
	14712	1" X 8" X 8 FT. EDGE	A.R.	
	19809	7/8" X 6" X 3 FT. EDGE - CARBIDE TIPPED	A.R.	
	23230	7/8" X 6" X 2 FT. EDGE - CARBIDE TIPPED	A.R.	
	23232	7/8" X 6" X 4 FT. EDGE - CARBIDE TIPPED	A.R.	
		EDGES USED WITH 3/4" HARDWARE		
	28041	1" X 8" X 2 FT. EDGE	A.R.	
	28042	1" X 8" X 6 FT. EDGE	A.R.	
	28043	1" X 8" X 7 FT. EDGE	A.R.	
	28044	1" X 8" X 8 FT. EDGE	A.R.	
	33524	5/8" X 6" X 2 FT. EDGE	A.R.	
	33525	5/8" X 6" X 7 FT. EDGE	A.R.	
2	33526	5/8" X 6" X 6 FT. EDGE	A.R.	
	33537	3/4" X 6" X 2 FT. EDGE - CARBIDE TIPPED	A.R.	
	33540	7/8" X 6" X 2 FT. EDGE - CARBIDE TIPPED	A.R.	
	33545	3/4" X 6" X 4 FT. EDGE - CARBIDE TIPPED	A.R.	
	33546	7/8" X 6" X 3 FT. EDGE - CARBIDE TIPPED	A.R.	
	33548	3/4" X 6" X 3 FT. EDGE - CARBIDE TIPPED	A.R.	
	33549	7/8" X 6" X 4 FT. EDGE - CARBIDE TIPPED	A.R.	
		END SHOES & BITS USED WITH 5/8" HARDWARE		
3	7440	END SHOE - 22" MOLDBOARD	A.R.	
	7441	END SHOE - 26" MOLDBOARD	A.R.	
	27829	OVERLAY END BIT - R.H. - 22" MOLDBOARD	A.R.	
4	27830	OVERLAY END BIT - L.H. - 22" MOLDBOARD	A.R.	
	27831	OVERLAY END BIT - R.H. - 26" MOLDBOARD	A.R.	
	27832	OVERLAY END BIT - L.H. - 26" MOLDBOARD	A.R.	
		END SHOES & BITS USED WITH 3/4" HARDWARE		
5	33511	END SHOE - 22" MOLDBOARD	A.R.	
	33512	END SHOE - 26" MOLDBOARD	A.R.	
	33527	OVERLAY END BIT - R.H. - 26" MOLDBOARD	A.R.	
6	33528	OVERLAY END BIT - L.H. - 26" MOLDBOARD	A.R.	
	33529	OVERLAY END BIT - R.H. - 22" MOLDBOARD	A.R.	
	33530	OVERLAY END BIT - L.H. - 22" MOLDBOARD	A.R.	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		MOLDBOARDS & HARDWARE		
7	1068	MOLDBOARD FLAG	1	
8	6611	LUG - UPPER	A.R.	REPAIR PART
	40474	7/8" X 22" X 12 FT. MOLDBOARD	A.R.	
	40473	7/8" X 22" X 14 FT. MOLDBOARD	A.R.	
9	25829	1" X 26" X 12 FT. MOLDBOARD	A.R.	
	25830	1" X 26" X 13 FT. MOLDBOARD	A.R.	
	25831	1" X 26" X 14 FT. MOLDBOARD	A.R.	
	NOTE:	HEAVY DUTY MOLDBOARD - OPTIONAL	REF.	SECTION 2 PAGE 22
10	40F-1018	PLOW BOLT	A.R.	
11	40F-1020	PLOW BOLT	A.R.	
12	40F-1024	PLOW BOLT	A.R.	
13	40F-1028	PLOW BOLT	A.R.	
14	14A-10	LOCKWASHER	A.R.	
15	30A-10	NUT	A.R.	
16	40F-1222	PLOW BOLT	A.R.	
17	40F-1228	PLOW BOLT	A.R.	
18	14A-12	LOCKWASHER	A.R.	
19	30A-12	NUT	A.R.	
20	51A-1624	BOLT	A.R.	
21	51A-1628	BOLT	A.R.	
22	14A-16	LOCKWASHER	A.R.	
23	31A-16	NUT	A.R.	
		EXTENSIONS USED WITH 5/8" HARDWARE		
	25832	3/4" X 22" EXTENSION ASSY. - R.H.	A.R.	
	25833	3/4" X 22" EXTENSION ASSY. - L.H.	A.R.	
24	25834	3/4" X 26" EXTENSION ASSY. - R.H.	A.R.	
	25835	3/4" X 26" EXTENSION ASSY. - L.H.	A.R.	
		EXTENSIONS USED WITH 3/4" HARDWARE		
	33332	3/4" X 22" EXTENSION ASSY. - L.H.	A.R.	1"X 8"EDGES
	33333	3/4" X 22" EXTENSION ASSY. - R.H.	A.R.	1"X 8"EDGES
	33336	3/4" X 22" EXTENSION ASSY. - L.H.	A.R.	
	33337	3/4" X 22" EXTENSION ASSY. - R.H.	A.R.	
25	33340	3/4" X 26" EXTENSION ASSY. - L.H.	A.R.	1"X 8"EDGES
	33341	3/4" X 26" EXTENSION ASSY. - R.H.	A.R.	1"X 8"EDGES
	33342	3/4" X 26" EXTENSION ASSY. - L.H.	A.R.	
	33343	3/4" X 26" EXTENSION ASSY. - R.H.	A.R.	



CHAMPION ROAD MACHINERY

JULY 1989

MOLDBOARDS, EDGES & EXTENSIONS

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ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **2 REVISION B**

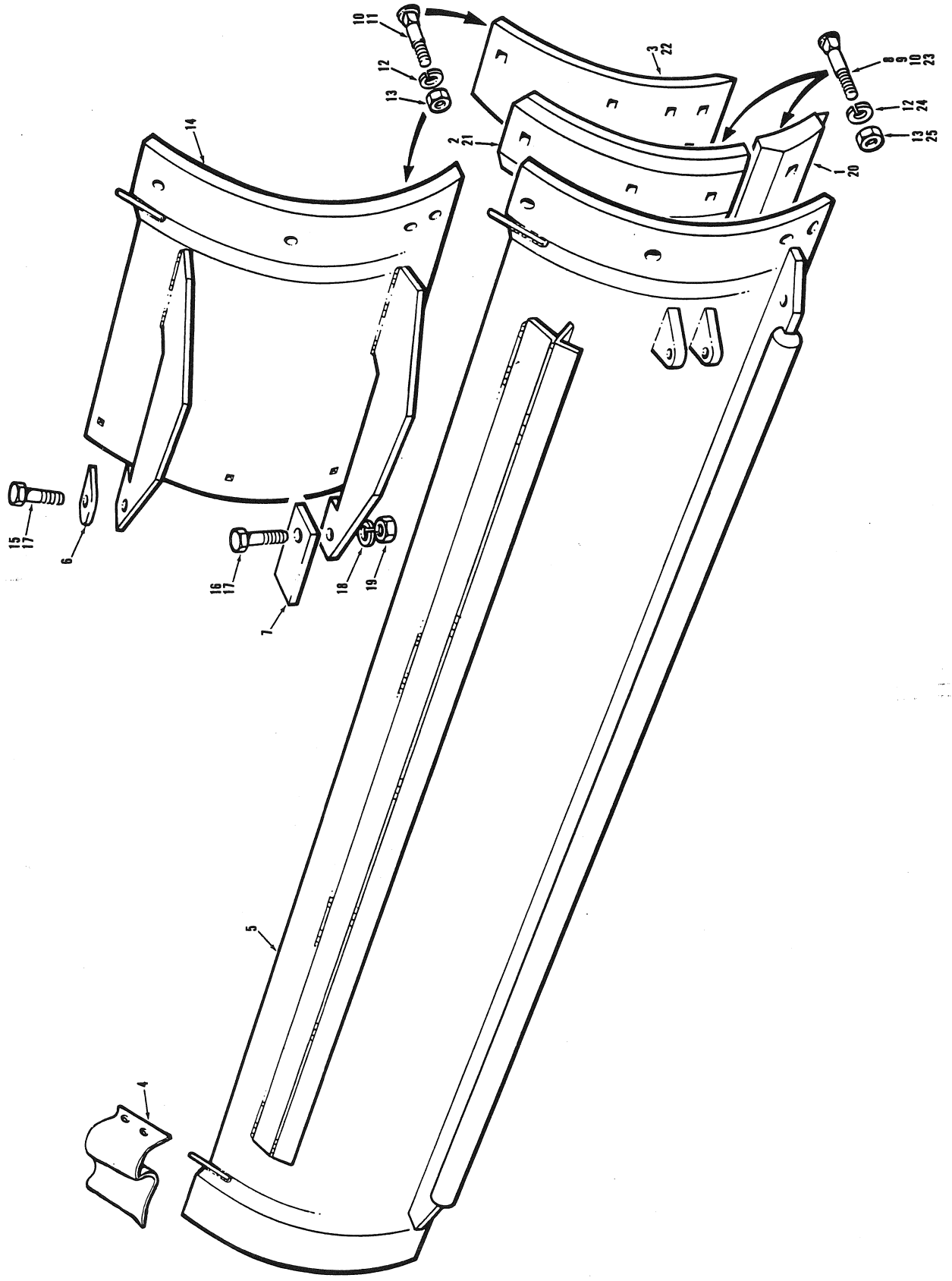
EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

16886, 16887, 16894 & UP

U.S. 2487-2 to 2568-2

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		EDGES		
	42	5/8" X 6" X 6 FT. EDGE	A.R.	
	47	5/8" X 6" X 2 FT. EDGE	A.R.	
	7686	5/8" X 6" X 7 FT. EDGE	A.R.	
	10948	3/4" X 6" X 2 FT. EDGE - CARBIDE TIPPED	A.R.	
	10949	3/4" X 6" X 3 FT. EDGE - CARBIDE TIPPED	A.R.	
	10957	3/4" X 6" X 4 FT. EDGE - CARBIDE TIPPED	A.R.	
1	14303	1" X 8" X 6 FT. EDGE	A.R.	
	14304	1" X 8" X 7 FT. EDGE	A.R.	
	14305	1" X 8" X 2 FT. EDGE	A.R.	
	14712	1" X 8" X 8 FT. EDGE	A.R.	
	19809	7/8" X 6" X 3 FT. EDGE - CARBIDE TIPPED	A.R.	
	23230	7/8" X 6" X 2 FT. EDGE - CARBIDE TIPPED	A.R.	
	23232	7/8" X 6" X 4 FT. EDGE - CARBIDE TIPPED	A.R.	
		END SHOES & OVERLAY END BITS		
2	7440	END SHOE - 22" MOLDBOARD	1	
	7441	END SHOE - 26" MOLDBOARD	1	
3	27829	END BIT - 22" MOLDBOARD L.H.	1	
	27830	END BIT - 22" MOLDBOARD R.H.	1	
	27831	END BIT - 26" MOLDBOARD L.H.	1	
	27832	END BIT - 26" MOLDBOARD R.H.	1	
		MOLDBOARDS & HARDWARE		
4	1068	MOLDBOARD FLAG	1	
	42603	7/8" X 22" X 12 FT. MOLDBOARD	1	
	42604	7/8" X 22" X 14 FT. MOLDBOARD	1	
5	42605	1" X 26" X 12 FT. MOLDBOARD	1	
	42606	1" X 26" X 13 FT. MOLDBOARD	1	
	42607	1" X 26" X 14 FT. MOLDBOARD	1	
	NOTE:	**HEAVY DUTY MOLDBOARDS - OPTIONAL**	REF.	**SECTION 2 PAGE 22**
6	*6611	LUG	1	REPAIR PART
7	43065	LUG	1	REPAIR PART
8	40F-1018	PLOW BOLT	A.R.	
9	40F-1020	PLOW BOLT	A.R.	
10	40F-1024	PLOW BOLT	A.R.	
11	40F-1028	PLOW BOLT	A.R.	
12	14A-10	LOCKWASHER	A.R.	
13	30A-10	NUT	A.R.	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		EXTENSIONS & HARDWARE		
	42625	3/4" X 22" EXTENSION ASSY. - R.H.	1	
	42626	3/4" X 22" EXTENSION ASSY. - L.H.	1	
	42627	3/4" X 26" EXTENSION ASSY. - R.H.	1	
14	42628	3/4" X 26" EXTENSION ASSY. - L.H.	1	
	42666	3/4" X 22" EXTENSION ASSY. - R.H.	1	EXTENSIONS USED WITH 1"X 8"EDGES ONLY
	42667	3/4" X 22" EXTENSION ASSY. - L.H.	1	
	42668	3/4" X 26" EXTENSION ASSY. - R.H.	1	
	42669	3/4" X 26" EXTENSION ASSY. - L.H.	1	
15	*50A-1024	BOLT	A.R.	
16	*50A-1628	BOLT	A.R.	
17	*50A-1632	BOLT	A.R.	
18	14A-16	LOCKWASHER	A.R.	
19	*30A-16	NUT	A.R.	
		EDGES, END SHOES AND OVERLAY END BITS FOR MODELS 780 & 780A		
	*44989	1" X 8" X 6 FT. H.D. EDGE	A.R.	
	28043	1" X 8" X 7 FT. H.D. EDGE	A.R.	
	28044	1" X 8" X 8 FT. H.D. EDGE	A.R.	
20	44970	5/8" X 6" X 6 FT. H.D. EDGE	A.R.	
	44971	5/8" X 6" X 7 FT. H.D. EDGE	A.R.	
	44976	3/4" X 5" X 2 FT. H.D. EDGE - CARBIDE TIP	A.R.	
	44977	3/4" X 5" X 3 FT. H.D. EDGE - CARBIDE TIP	A.R.	
	44978	3/4" X 5" X 4 FT. H.D. EDGE - CARBIDE TIP	A.R.	
21	33512	END SHOE - 26" MOLDBOARD	2	
22	33527	END BIT - R.H. - 26" MOLDBOARD	1	
	33528	END BIT - L.H. - 26" MOLDBOARD	1	
23	40F-1228	PLOW BOLT	A.R.	
24	14A-12	LOCKWASHER	A.R.	
25	30A-12	NUT	A.R.	



CHAMPION ROAD MACHINERY

JUNE 1991

MOLDBOARDS, EDGES & EXTENSIONS

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

EFFECTIVE SERIAL NUMBER(S) 21254 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

MOLDBOARDS, EDGES & EXTENSIONS

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		EDGES		
	42	5/8" x 6" x 6' EDGE	2	
	47	5/8" x 6" x 2' EDGE	2	
	7686	5/8" x 6" x 7' EDGE	2	
	*7687	5/8" x 6" x 8' EDGE	2	
	10948	3/4" x 5 1/4" x 2' EDGE - CARBIDE TIPPED	2	
	10949	3/4" x 5 1/4" x 3' EDGE - CARBIDE TIPPED	2	
	10957	3/4" x 5 1/4" x 4' EDGE - CARBIDE TIPPED	2	
1	14303	1" x 8" x 6' EDGE	2	
	14304	1" x 8" x 7' EDGE	2	
	14305	1" x 8" x 2' EDGE	1-2	
	14712	1" x 8" x 8' EDGE	2	
	19809	7/8" x 4 1/2" x 3' EDGE - CARBIDE TIPPED	2-4	
	23230	7/8" x 4 1/2" x 2' EDGE - CARBIDE TIPPED	1-2	
	23232	7/8" x 4 1/2" x 4' EDGE - CARBIDE TIPPED	2	
		END SHOES & OVERLAY END BITS		
2	7440	END SHOE - 22" MOLDBOARD	1	
	7441	END SHOE - 26" MOLDBOARD	1	
	27829	END BIT - 22" MOLDBOARD - R.H.	1	
3	27830	END BIT - 22" MOLDBOARD - L.H.	1	
	27831	END BIT - 26" MOLDBOARD - R.H.	1	
	27832	END BIT - 26" MOLDBOARD - L.H.	1	
		MOLDBOARDS & HARDWARE		
4	1068	MOLDBOARD FLAG	1	
	42603	7/8" x 22" x 12' MOLDBOARD	1	
	42604	7/8" x 22" x 14' MOLDBOARD	1	
5	42605	1" x 26" x 12' MOLDBOARD	1	
	42606	1" x 26" x 13' MOLDBOARD	1	
	42607	1" x 26" x 14' MOLDBOARD	1	
6	6611	LUG	1	Repair Part
7	43065	LUB	1	Repair Part
8	40F-1018	PLOW BOLT	22	
9	40F-1020	PLOW BOLT	12-22	
10	40F-1024	PLOW BOLT	5-10	
11	40F-1028	PLOW BOLT	5	
12	*66001	LOCKWASHER	22	
13	30A-10	NUT	22	

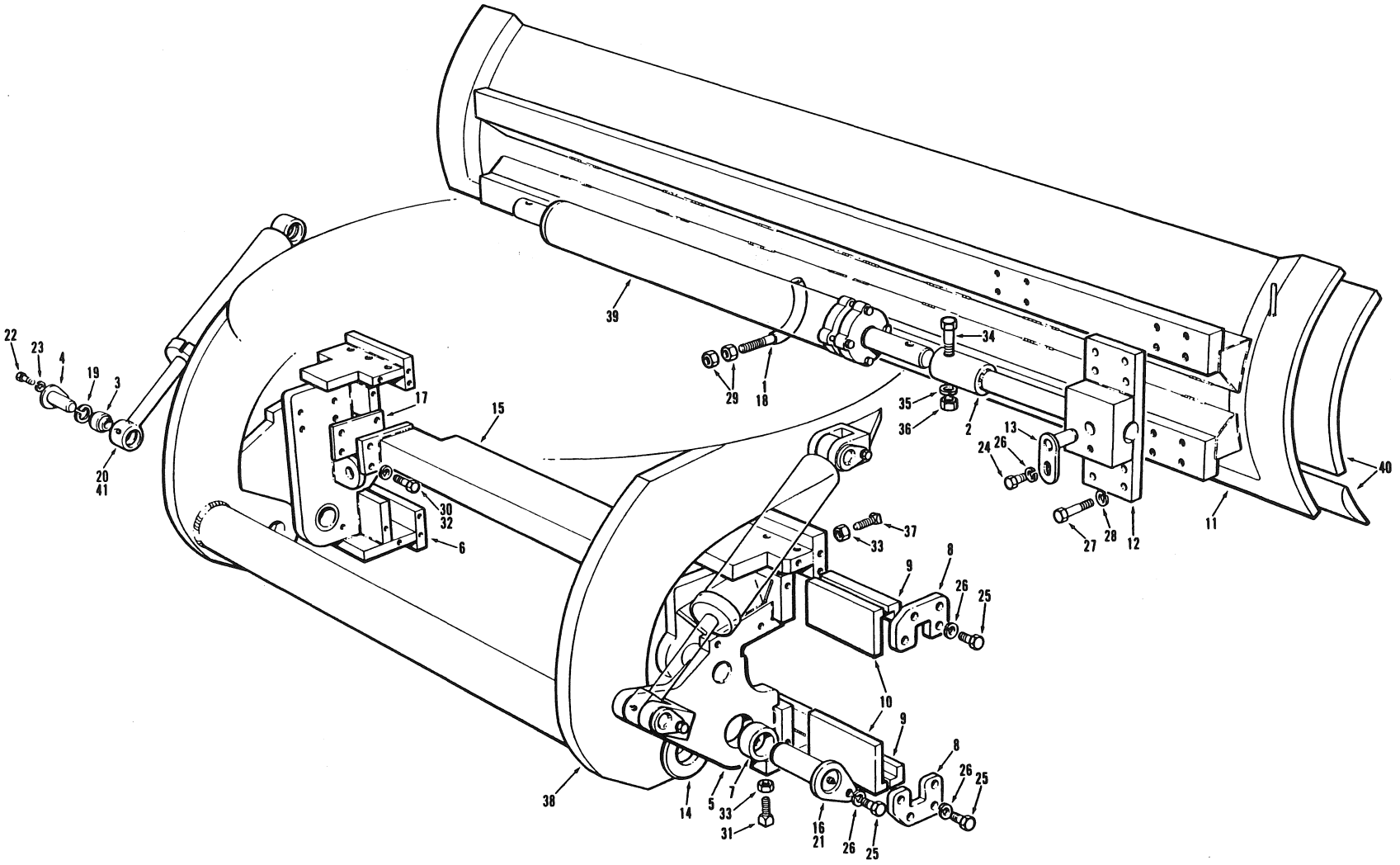
No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		EXTENSIONS & HARDWARE		
	*58498	3/4" x 22" EXTENSION ASSEMBLY - R.H.	1	
	*58499	3/4" x 22" EXTENSION ASSEMBLY - L.H.	1	
	42627	3/4" x 26" EXTENSION ASSEMBLY - R.H.	1	
	42628	3/4" x 26" EXTENSION ASSEMBLY - L.H.	1	
	*58500	3/4" x 22" EXTENSION ASSEMBLY - R.H.	1	EXTENSIONS
14	*58501	3/4" x 22" EXTENSION ASSEMBLY - L.H.	1	USED WITH
	42668	3/4" x 26" EXTENSION ASSEMBLY - R.H.	1	1" x 8" EDGES
	42669	3/4" x 26" EXTENSION ASSEMBLY - L.H.	1	ONLY
	*45806	3/4" x 26" EXTENSION ASSEMBLY - L.H. - Heavy Duty	1	750 thru 780A
	*45851	3/4" x 26" EXTENSION ASSEMBLY - R.H. - Heavy Duty	1	750 thru 780A
15	50A-1024	BOLT	1	780/780A
16	50A-1628	BOLT	1	
17	50A-1632	BOLT	2	
18	14A-16	LOCKWASHER	2	
19	30A-16	NUT	2	
		EDGES, END SHOES & OVERLAY END BITS FOR MODELS 780/780A		
	*28041	1" x 8" x 2' EDGE	1	
	44989	1" x 8" x 6' EDGE	2	
	28043	1" x 8" x 7' EDGE	2	
	28044	1" x 8" x 8' EDGE	2	
20	44970	5/8" x 6" x 6' EDGE	2	
	44971	5/8" x 6" x 7' EDGE	2	
	44976	3/4" x 5" x 2' EDGE - CARBIDE TIP	2	
	44977	3/4" x 5" x 3' EDGE - CARBIDE TIP	2	
	44978	3/4" x 5" x 4' EDGE - CARBIDE TIP	2-4	
	*33524	5/8" x 6" x 2' EDGE	1	
21	33512	END SHOE	2	
22	33527	END BIT - R.H. - 26" MOLDBOARD	1	
	33528	END BIT - L.H. - 26" MOLDBOARD	1	
23	40F-1228	PLOW BOLT	22-32	
24	*66000	LOCKWASHER	22-32	
25	30A-12	NUT	22-32	

See Section 2 Pages 21/22 for MOLDBOARDS Models 750 thru 780A

EFFECTIVE SERIAL NUMBER(S) 16224,16245 TO 16857
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 2 PAGE 21
SECCION 2 PAGINA 21



USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION B

POWER TILT MOLDBOARD - MODEL 740 THRU 760 - OPTIONAL

APRIL 1986

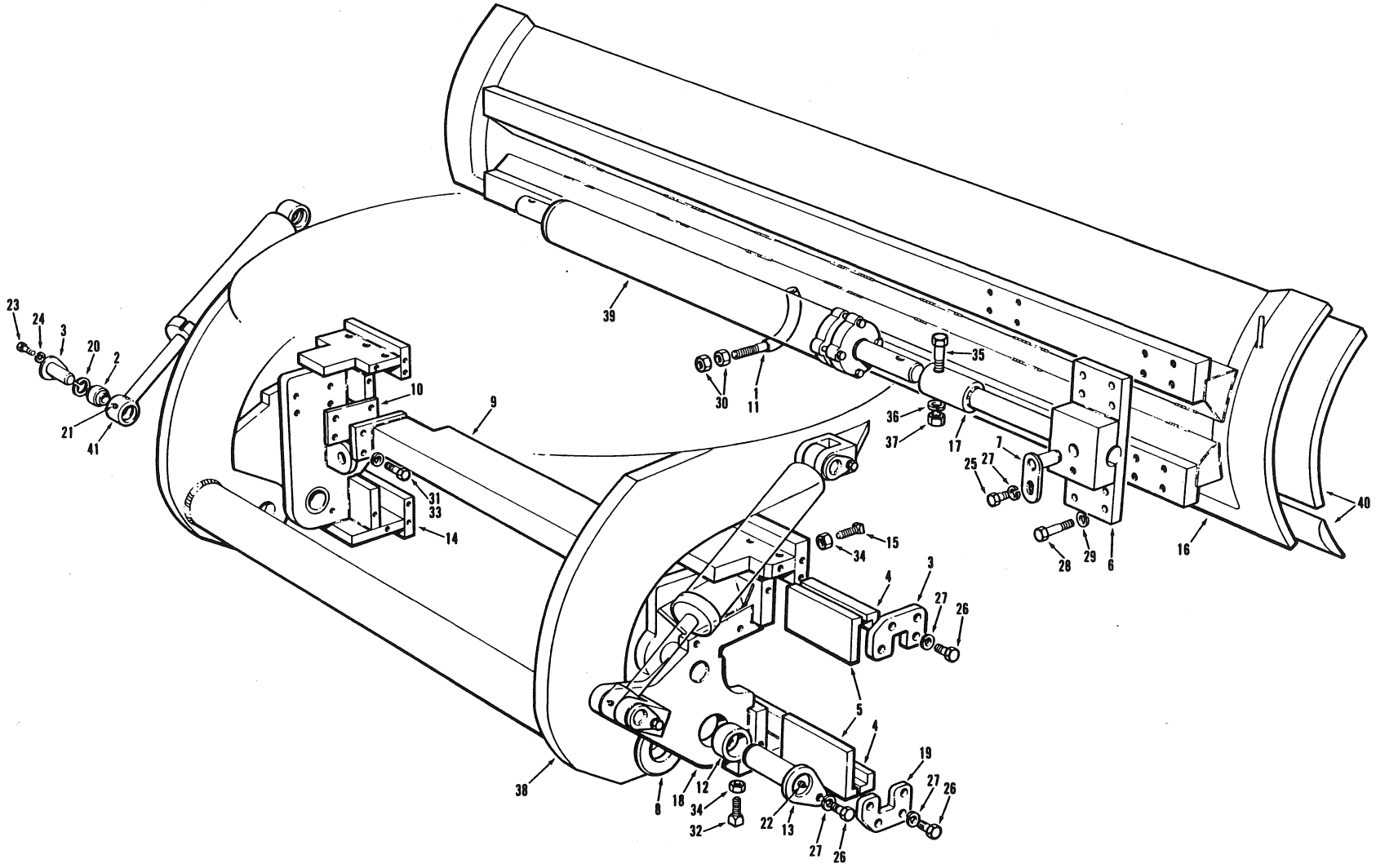
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

POWER TILT MOLDBOARD - MODEL 740 THRU 760 - OPTIONAL

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	9513 x 8	RUBBER HOSE	1	
2	17760	SLIDE SHIFT CYLINDER EXTENSION	1	
3	19629	BEARING	4	
4	32066	PIN	4	
5	*42440	TILT QUADRANT - R.H.	1	
6	*42441	TILT QUADRANT - L.H.	1	
7	*30460	PIVOT BUSHING	4	
8	30461	RETAINER PLATE	8	
9	30462	WEAR PLATE	4	
10	30463	WEAR BAR	4	
11	32029	MOLDBOARD - 1" X 26" X 14 FT.	1	
12	32049	SLIDE SHIFT MOUNT	1	
13	32056	PIN	1	
14	32062	SPACER	4	
15	32069	TIE BAR	1	
16	32146	PIVOT PIN	2	
17	34752	SHIM	2	
18	36490-2	CLAMP	1	
19	19B-218	SNAP RING	2	
20	29A-02	GREASE FITTING	4	
21	29E-04	GREASE FITTING	2	
22	50A-0608	BOLT	4	
23	14A-06	LOCKWASHER	4	
24	50A-0808	BOLT	2	
25	50A-0810	BOLT	A.R.	
26	14A-08	LOCKWASHER	A.R.	
27	50A-1020	BOLT	8	
28	14A-10	LOCKWASHER	8	
29	30A-10	NUT	2	
30	50A-1216	BOLT	8	
31	70L-1232	BOLT	12	
32	14A-12	LOCKWASHER	8	
33	30D-12	LOCKNUT	24	
34	51A-1640	BOLT	2	
35	14A-16	LOCKWASHER	2	
36	31A-16	NUT	2	
37	42442	BOLT	12	
38		CIRCLE ASSEMBLY	REF.	SECTION 2 PAGE 5/6
39		SLIDE SHIFT CYLINDER	REF.	SECTION 2 PAGE 15/16
40		MOLDBOARD,EDGES & EXTENSIONS	REF.	SECTION 2 PAGE 19/20
41		POWER TILT CYLINDER	REF.	SECTION 2 PAGE 27/28

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS



EFFECTIVE SERIAL NUMBER(S) 16858 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. NOT APPLICABLE

700 SERIES
SERIE 700

SECTION 2 PAGE 21
SECCION 2 PAGINA 21

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION A

POWER TILT MOLDBOARD - MODEL 780 & 780A - OPTIONAL ON MODEL 740 THRU 760A

APRIL 1987

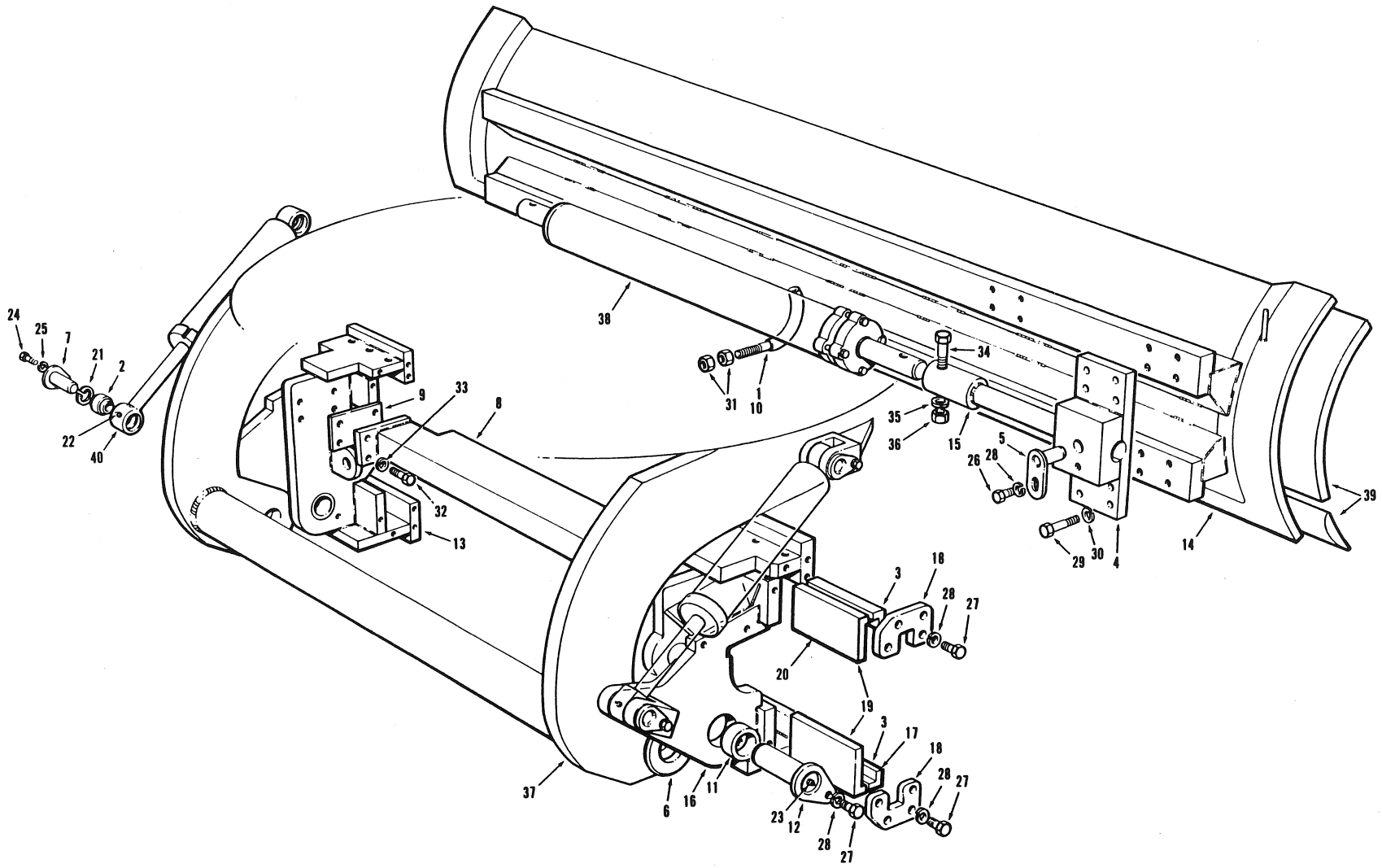
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

POWER TILT MOLDBOARD - MODEL 780 & 780A - OPTIONAL ON MODEL 740 THRU 760A -

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	9513 X 8	RUBBER HOSE	1	
2	19629	BEARING	4	
3	32066	PIN	4	
4	30462	WEAR PLATE	4	
5	30463	WEAR BAR	4	
6	32049	SLIDE SHIFT MOUNT	1	
7	32056	PIN	1	
8	32062	SPACER	4	
9	32069	TIE BAR	1	
10	34752	SHIM	2	
11	36490-2	CLAMP	1	
12	42438	PIVOT BUSHING	4	
13	42439	PIVOT PIN	2	
14	42441	TILT QUADRANT - L.H.	1	
15	42442	BOLT - MODIFIED	12	
16	42471	MOLDBOARD - 1" X 26" X 14 FT.	1	
	42419	MOLDBOARD - 1" X 26" X 16 FT.	1	
17	42615	SLIDE SHIFT CYLINDER EXTENSION	1	
18	*45686	TILT QUADRANT - R.H.	1	
19	*45705	RETAINER PLATE	8	
20	19B-218	SNAP RING	2	
21	29A-02	GREASE FITTING	4	
22	29E-04	GREASE FITTING	2	
23	50A-0608	BOLT	4	
24	14A-06	LOCKWASHER	4	
25	50A-0808	BOLT	2	
26	50A-0810	BOLT	A.R.	
27	14A-08	LOCKWASHER	A.R.	
28	50A-1020	BOLT	8	
29	14A-10	LOCKWASHER	8	
30	30A-10	NUT	2	
31	50A-1216	BOLT	8	
32	70L-1232	BOLT	12	
33	14A-12	LOCKWASHER	8	
34	30D-12	LOCKNUT	24	
35	51A-1644	BOLT	2	
36	14A-16	LOCKWASHER	2	
37	31A-16	NUT	2	
38		CIRCLE ASSEMBLY	REF.	SECTION 2 PAGE 6
39		SLIDE SHIFT CYLINDER	REF.	SECTION 2 PAGE 16
40		MOLDBOARD, EDGES & EXTENSIONS	REF.	SECTION 2 PAGE 20
41		POWER TILT CYLINDER	REF.	SECTION 2 PAGE 28

EFFECTIVE SERIAL NUMBER(S) 18119 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)



USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

700 SERIES
SERIE 700

SECTION 2 PAGE 21
SECCION 2 PAGINA 21

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

POWER TILT MOLDBOARD - MODEL 780 & 780A - OPTIONAL ON MODEL 740 & 740A

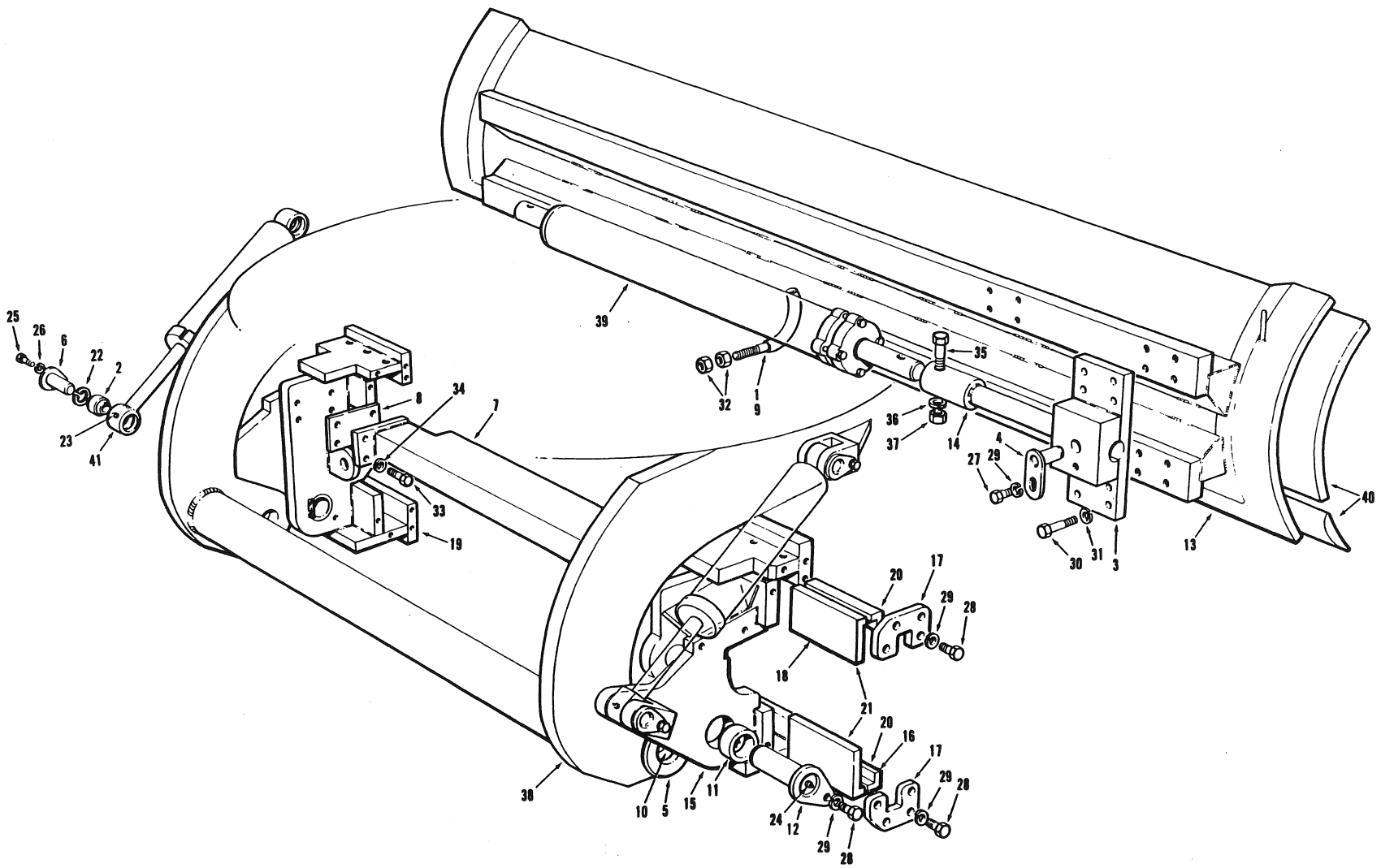
JUNE 1987

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

POWER TILT MOLDBOARD - MODEL 780 & 780A - OPTIONAL ON MODEL 740 & 740A -

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	9513 X 8	RUBBER HOSE	1	
2	19629	BEARING	4	
3	30462	WEAR PLATE	4	
4	32049	SLIDE SHIFT MOUNT	1	
5	32056	PIN	1	
6	32062	SPACER	4	
7	32066	PIN	4	
8	32069	TIE BAR	1	
9	34752	SHIM	2	
10	36490-2	CLAMP	1	
11	42438	PIVOT BUSHING	4	
12	42439	PIVOT PIN	2	
13	42441	TILT QUADRANT - L.H.	1	
14	42471	MOLDBOARD - 1" X 26" X 14 FT.	1	
	42419	MOLDBOARD - 1" X 26" X 16 FT.	1	
15	42615	SLIDE SHIFT CYLINDER EXTENSION	1	
16	45686	TILT QUADRANT - R.H.	1	
17	*45704	SHIM - SHORT	4	
18	45705	RETAINER PLATE	8	
19	*45706	WEAR BAR	4	
20	*45769	SHIM - LONG	4	
21	19B-218	SNAP RING	2	
22	29A-02	GREASE FITTING	4	
23	29E-04	GREASE FITTING	2	
24	50A-0608	BOLT	4	
25	14A-06	LOCKWASHER	4	
26	50A-0808	BOLT	1	
27	50A-0810	BOLT	A.R.	
28	14A-08	LOCKWASHER	A.R.	
29	50A-1020	BOLT	8	
30	14A-10	LOCKWASHER	8	
31	30A-10	NUT	2	
32	50A-1216	BOLT	8	
33	14A-12	LOCKWASHER	8	
34	51A-1644	BOLT	2	
35	14A-16	LOCKWASHER	2	
36	31A-16	NUT	2	
37		CIRCLE ASSEMBLY	REF.	SECTION 2 PAGE 6
38		SLIDE SHIFT CYLINDER	REF.	SECTION 2 PAGE 16
39		MOLDBOARD, EDGES & EXTENSIONS	REF.	SECTION 2 PAGE 20
40		POWER TILT CYLINDER	REF.	SECTION 2 PAGE 28



EFFECTIVE SERIAL NUMBER(S) 19517 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 2 PAGE 21
SECCION 2 PAGINA 21

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

POWER TILT MOLDBOARD - MODELS 750 THRU 780A

MARCH 1989

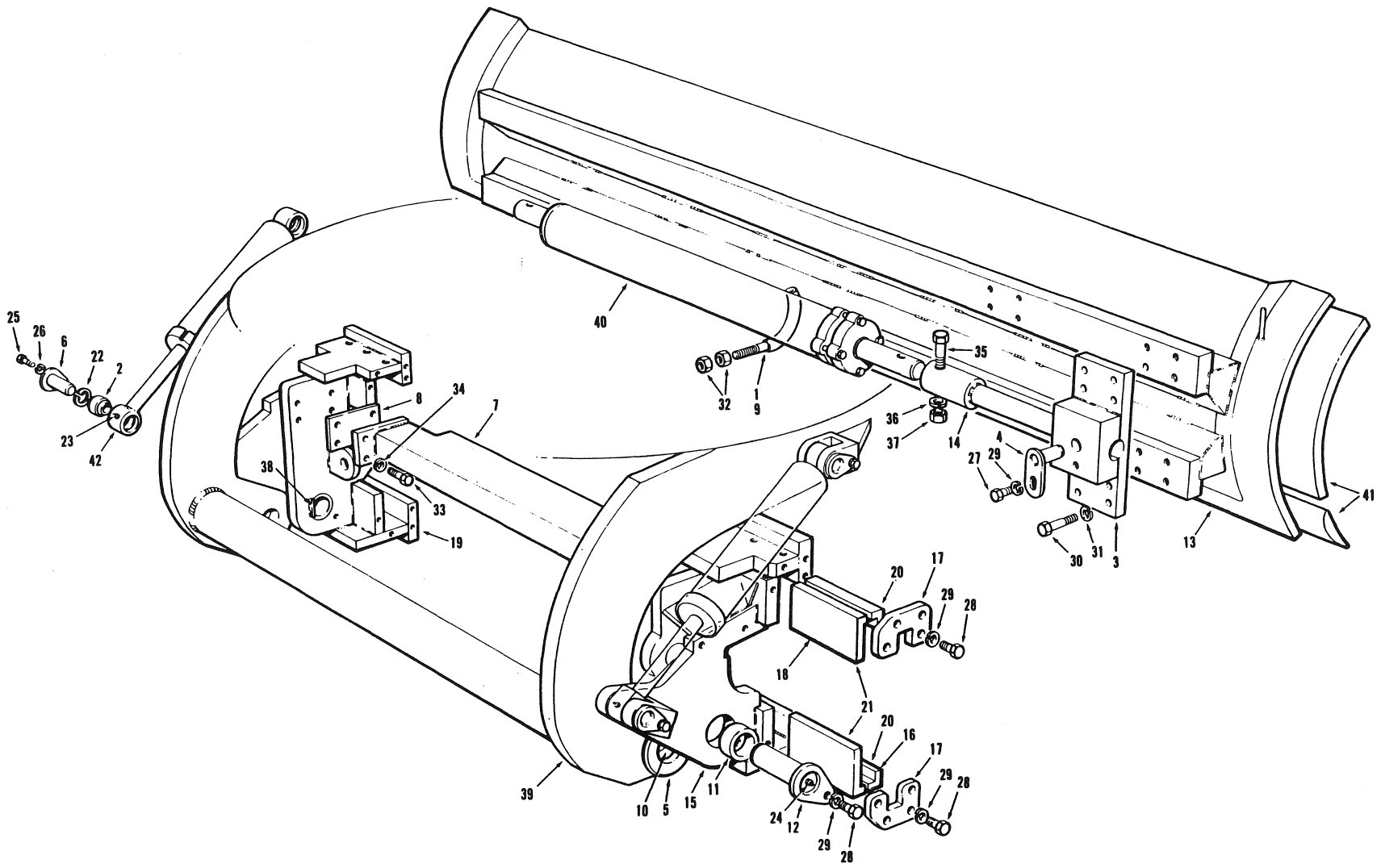
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VEA AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

POWERTILT MOLDBOARD - MODELS 750 THRU 780A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	9513X8	RUBBER HOSE	1	
2	19629	BEARING	4	
3	32049	SLIDE SHIFT MOUNT	1	
4	32056	PIN	1	
5	32062	SPACER	4	
6	32066	PIN	4	
7	32069	TIE BAR	1	
8	34752	SHIM	2	
9	36490-2	CLAMP	1	
10	*42437	PIVOT BUSHING	2	
11	42438	PIVOT BUSHING	4	
12	42439	PIVOT PIN	2	
13	42419	MOLDBOARD 1" x 26" x 16 FT.	1	
	42471	MOLDBOARD 1" x 26" x 14 FT.	1	
14	42615	SLIDE SHIFT CYLINDER EXTENSION	1	
15	45686	TILT QUADRANT - R.H.	1	
16	45704	SHIM - SHORT	4	
17	45705	RETAINER PLATE	8	
18	45769	SHIM - LONG	4	
19	*46389	TILT QUADRANT - L.H.	1	
20	*51076	WEAR PLATE	4	
21	*51078	WEAR BAR	4	
22	198-218	SNAP RING	2	
23	29A-02	GREASE FITTING	4	
24	29E-04	GREASE FITTING	2	
25	50A-0608	BOLT	4	
26	14A-06	LOCKWASHER	4	
27	50A-0808	BOLT	1	
28	50A-0810	BOLT	A.R.	
29	14A-08	LOCKWASHER	A.R.	
30	50A-1020	BOLT	8	
31	14A-10	LOCKWASHER	8	
32	30A-10	NUT	2	
33	50A-1216	BOLT	8	
34	14A-12	LOCKWASHER	8	
35	51A-1644	BOLT	2	
36	14A-16	LOCKWASHER	2	
37	31A-16	NUT	2	
38		CIRCLE ASSEMBLY	REF.	SECTION 2 PAGE 6
39		SLIDE SHIFT CYLINDER	REF.	SECTION 2 PAGE 16
40		MOLDBOARD, EDGES & EXTENSIONS	REF.	SECTION 2 PAGE 20
41		POWER TILT CYLINDER	REF.	SECTION 2 PAGE 28

EFFECTIVE SERIAL NUMBER(S) 20329 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)



USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

700 SERIES
SERIE 700

SECTION 2 PAGE 21
SECCION 2 PAGINA 21

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5

POWER TILT MOLDBOARD - MODELS 750 THRU 780A

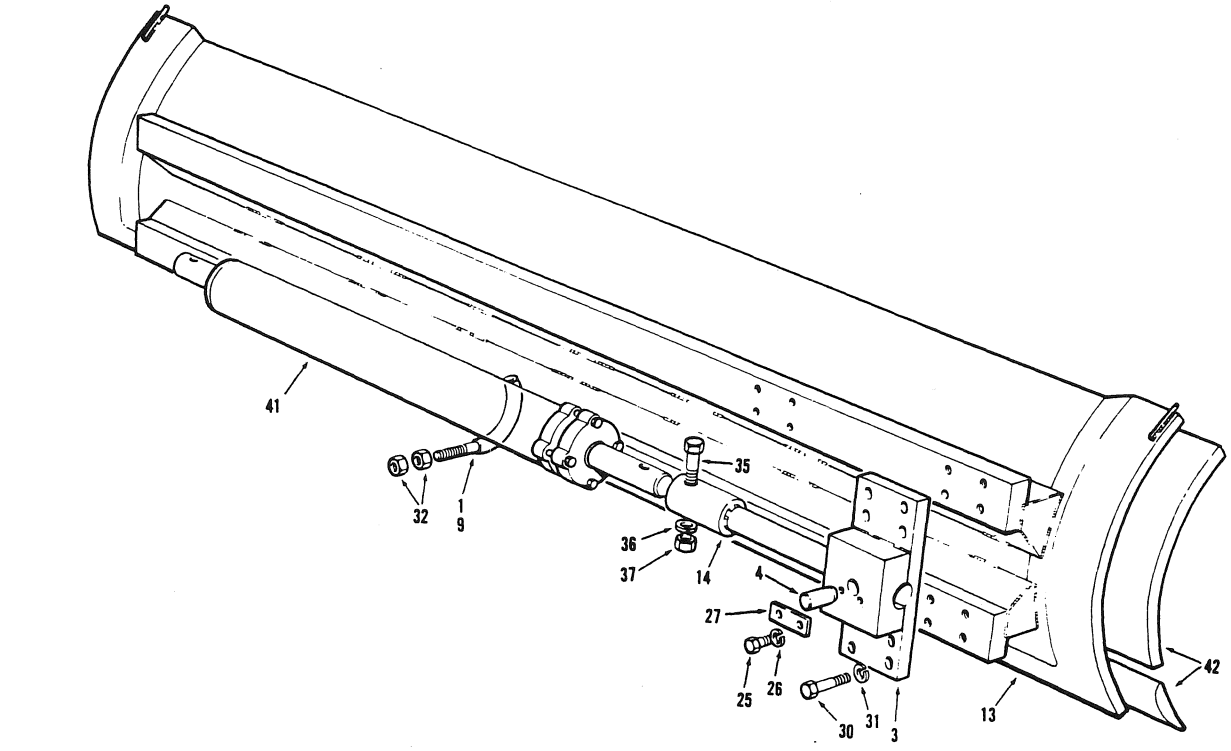
JANUARY 1990

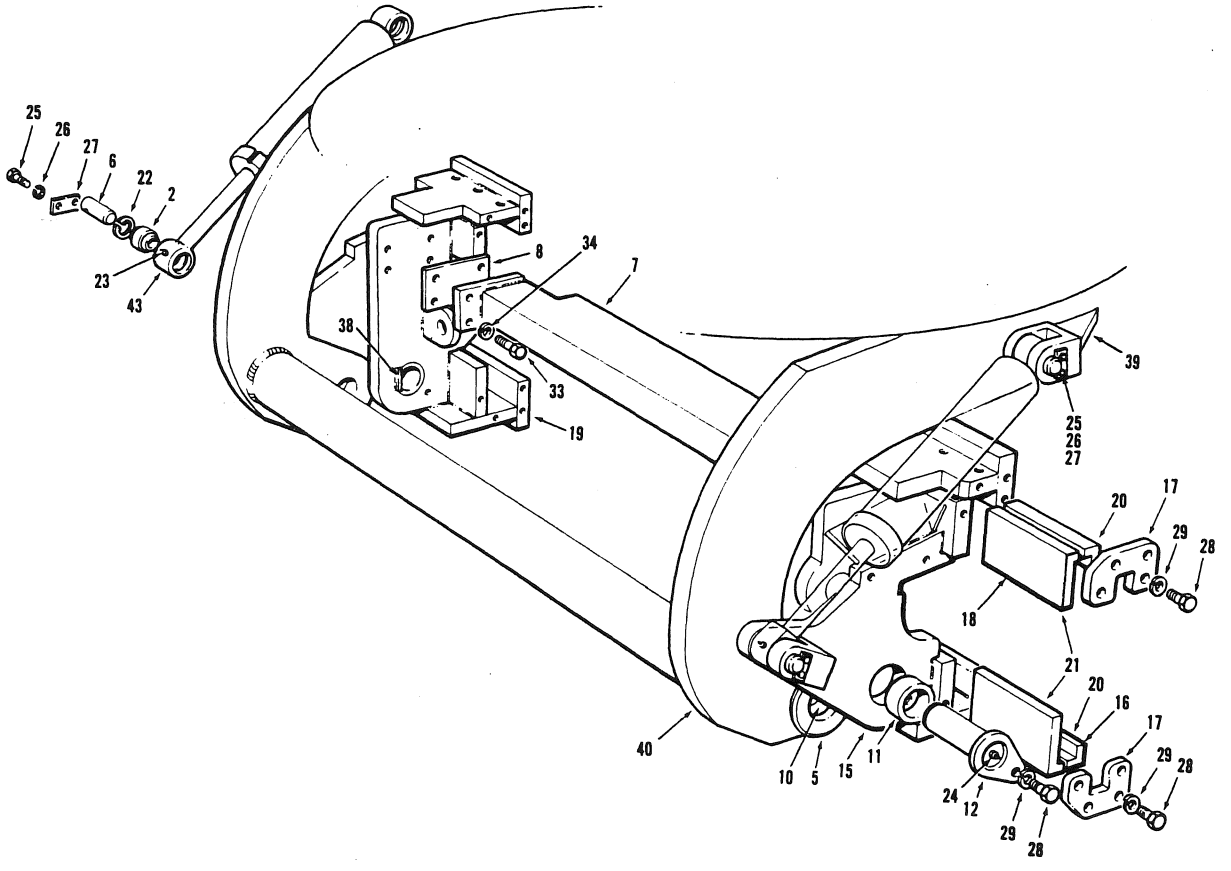
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

POWERTILT MOLDBOARD - MODELS 750 THRU 780A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	9513 x 38	RUBBER HOSE	1	
2	19629	BEARING	4	
3	32049	SLIDE SHIFT MOUNT	1	
4	32056	PIN	1	
5	*54357	SPACER	4	
6	32066	PIN	4	
7	32069	TIE BAR	1	
8	34752	SHIM	2	
9	36490-2	CLAMP	1	
10	*36968	PIVOT BUSHING	2	
11	42438	PIVOT BUSHING	4	
12	*54347	PIVOT PIN	2	
13	42419	MOLDBOARD 1" x 26" x 16 FT.	1	
	42471	MOLDBOARD 1" x 26" x 14 FT.	1	
14	42615	SLIDE SHIFT CYLINDER EXTENSION	1	
15	*54412	TILT QUADRANT - R.H.	1	
16	45704	SHIM - SHORT	4	
17	45705	RETAINER PLATE	8	
18	45769	SHIM - LONG	4	
19	*54411	TILT QUADRANT - L.H.	1	
20	51076	WEAR PLATE	4	
21	51078	WEAR BAR	4	
22	19B-218	SNAP RING	2	
23	29A-02	GREASE FITTING	4	
24	29E-04	GREASE FITTING	2	
25	50A-0608	BOLT	4	
26	14A-06	LOCKWASHER	4	
27	50A-0808	BOLT	1	
28	50A-0810	BOLT	A.R.	
29	14A-08	LOCKWASHER	A.R.	
30	50A-1020	BOLT	8	
31	14A-10	LOCKWASHER	8	
32	30A-10	NUT	2	
33	50A-1216	BOLT	8	
34	14A-12	LOCKWASHER	8	
35	51A-1644	BOLT	2	
36	14A-16	LOCKWASHER	2	
37	31A-16	NUT	2	
38	*48775	STOP - BUSHING	A.R.	REPAIR PART
39		CIRCLE ASSEMBLY	REF.	SECTION 2 PAGE 6
40		SLIDE SHIFT CYLINDER	REF.	SECTION 2 PAGE 16
41		MOLDBOARD, EDGES & EXTENSIONS	REF.	SECTION 2 PAGE 20
42		POWER TILT CYLINDER	REF.	SECTION 2 PAGE 28





CHAMPION ROAD MACHINERY

POWER TILT MOLDBOARD - Models 750 thru 780A

AUGUST 1990

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

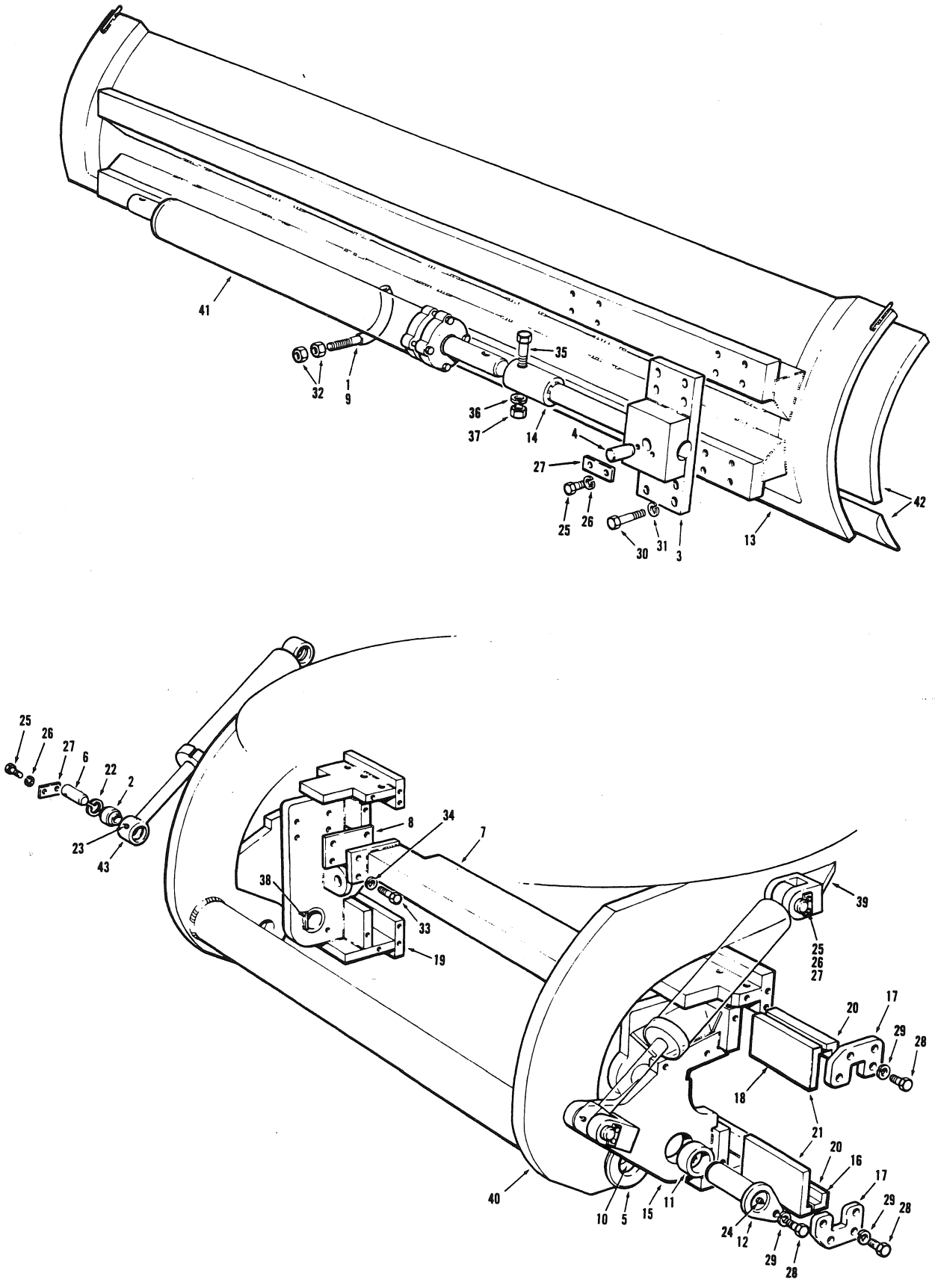
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 6

EFFECTIVE SERIAL NUMBER(S) 20837 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

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POWERTILT MOLDBOARD - Models 750 thru 780A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	9513 x 38	RUBBER HOSE	1	
2	19629	BEARING	4	
3	*56945	SLIDE SHIFT MOUNT	1	
4	*56946	PIN	1	
5	54357	SPACER	4	
6	*56951	PIN	4	
7	32069	TIE BAR	1	
8	34752	SHIM	2	
9	36490-2	CLAMP	1	
10	36968	PIVOT BUSHING	2	
11	42438	PIVOT BUSHING	4	
12	54347	PIVOT PIN	2	
13	*56938	MOLDBOARD 1" x 26" x 12 FT.	1	
	*56940	MOLDBOARD 1" x 26" x 13 FT.	1	
	*56942	MOLDBOARD 1" x 26" x 14 FT.	1	
	*56944	MOLDBOARD 1" x 26" x 16 FT.	1	
14	42615	SLIDE SHIFT CYLINDER EXTENSION	1	
15	*56948	TILT QUADRANT - R.H.	1	
16	45704	SHIM - SHORT	4	
17	45705	RETAINER PLATE	8	
18	45769	SHIM - LONG	4	
19	*56947	TILT QUADRANT - L.H.	1	
20	51076	WEAR PLATE	4	
21	51078	WEAR BAR	4	
22	19B-218	SNAP RING	2	
23	29A-02	GREASE FITTING	4	
24	29E-04	GREASE FITTING	2	
25	50A-0608	BOLT	10	
26	14A-06	LOCKWASHER	10	
27	*56909	LOCK PLATE	5	
28	50A-0810	BOLT	8	
29	14A-08	LOCKWASHER	8	
30	50A-1020	BOLT	8	
31	14A-10	LOCKWASHER	8	
32	30A-10	NUT	2	
33	50A-1216	BOLT	8	
34	14A-12	LOCKWASHER	8	
35	*50A-1644	BOLT	2	
36	14A-16	LOCKWASHER	2	
37	*30A-16	NUT	2	
38	48775	STOP - BUSHING	2	REPAIR PART
39	*56954	MOUNTING LUG	2	REPAIR PART
40		CIRCLE ASSEMBLY	REF.	SECTION 2 PAGE 5
41		SLIDE SHIFT CYLINDER	REF.	SECTION 2 PAGE 15
42		MOLDBOARD, EDGES & EXTENSIONS	REF.	SECTION 2 PAGE 19
43		POWER TILT CYLINDER	REF.	SECTION 2 PAGE 27



POWER TILT MOLDBOARD - Models 750A & 780A

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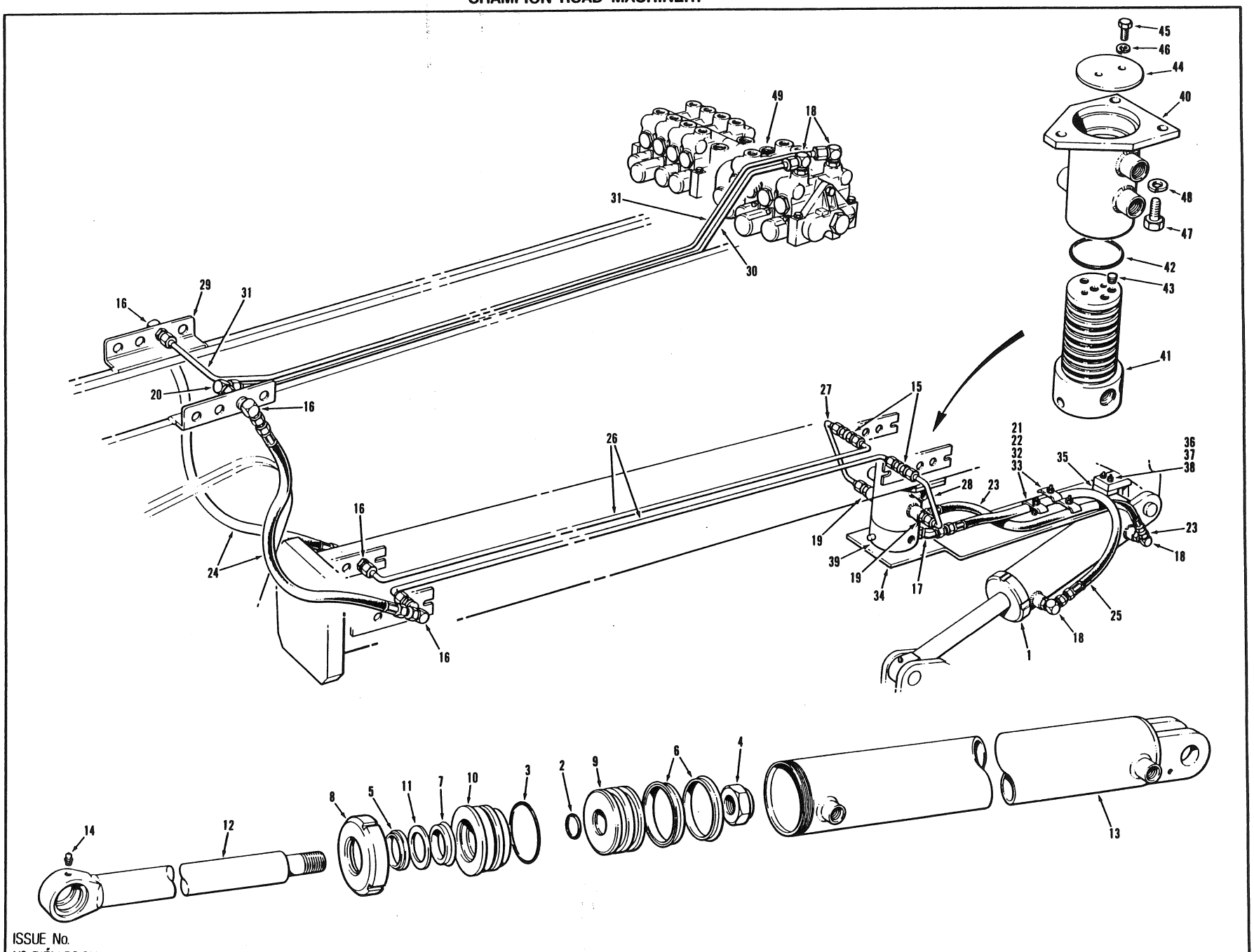
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 7

EFFECTIVE SERIAL NUMBER(S) **21915 & UP**
NUMERO(S) DE SÉRIE EFFECTIF(S)
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POWERTILT MOLDBOARD - Models 750A & 780A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	9513 x 38	RUBBER HOSE	1	
2	19629	BEARING	4	
3	56945	SLIDE SHIFT MOUNT	1	
4	56946	PIN	1	
5	54357	SPACER	4	
6	56951	PIN	4	
7	32069	TIE BAR	1	
8	34752	SHIM	2	
9	36490-2	CLAMP	1	
10	36968	PIVOT BUSHING	2	
11	42438	PIVOT BUSHING	4	
12	54347	PIVOT PIN	2	
	56938	MOLDBOARD 1" x 26" x 12 FT.	1	
13	56940	MOLDBOARD 1" x 26" x 13 FT.	1	
	56942	MOLDBOARD 1" x 26" x 14 FT.	1	
	56944	MOLDBOARD 1" x 26" x 16 FT.	1	
14	42615	SLIDE SHIFT CYLINDER EXTENSION-R.H. - 14' MOLDBOARD	1	
	*58423	SLIDE SHIFT CYLINDER EXTENSION-L.H. - 14' MOLDBOARD	1	
15	*58940	TILT QUADRANT - R.H.	1	
16	45704	SHIM - SHORT	4	
17	45705	RETAINER PLATE	8	
18	45769	SHIM - LONG	4	
19	*58939	TILT QUADRANT - L.H.	1	
20	51076	WEAR PLATE	4	
21	51078	WEAR BAR	4	
22	19B-218	SNAP RING	2	
23	29A-02	GREASE FITTING	4	
24	29E-04	GREASE FITTING	2	
25	50A-0608	BOLT	10	
26	14A-06	LOCKWASHER	10	
27	56909	LOCK PLATE	5	
28	50A-0810	BOLT	8	
29	14A-08	LOCKWASHER	8	
30	50A-1020	BOLT	8	
31	14A-10	LOCKWASHER	8	
32	30A-10	NUT	2	
33	50A-1216	BOLT	8	
34	14A-12	LOCKWASHER	8	
35	50A-1644	BOLT	2	
36	14A-16	LOCKWASHER	2	
37	30A-16	NUT	2	
38	48775	STOP - BUSHING	2	Repair Part
39	56954	MOUNTING LUG	2	Repair Part
40		CIRCLE ASSEMBLY	REF.	Sect 2 Pg 5
41		SLIDE SHIFT CYLINDER	REF.	Sect 2 Pg 15
42		MOLDBOARD, EDGES & EXTENSIONS	REF.	Sect 2 Pg 19
43		POWER TILT CYLINDER	REF.	Sect 2 Pg 27



POWER TILT CYLINDER & CIRCUIT - MODEL 710/710A

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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

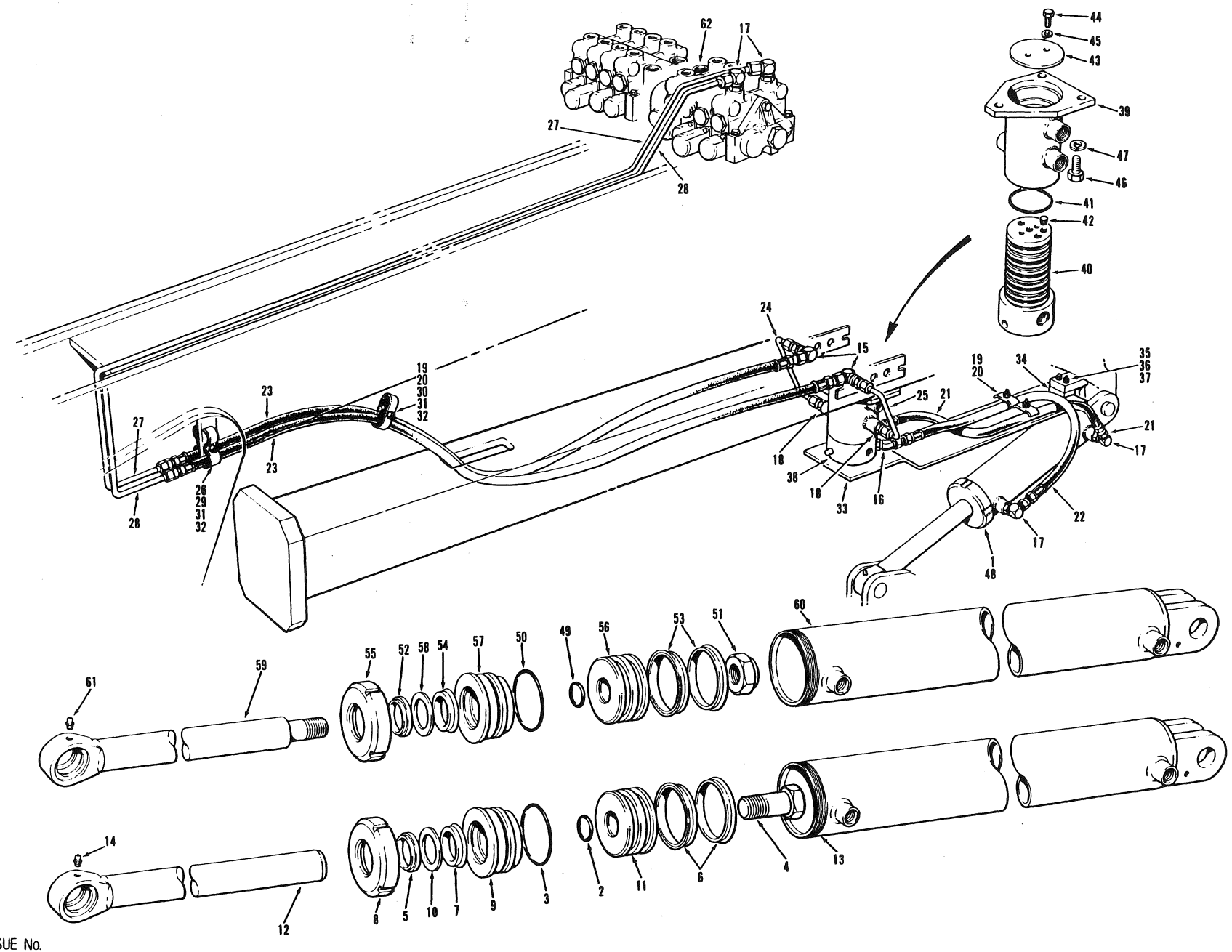
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POWER TILT CYLINDER & CIRCUIT - MODEL 710/710A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	27963	POWER TILT HYDRAULIC CYLINDER ASSY.	1	
2	12A-218	O RING	1	
3	12A-342	O RING	1	
4	37H-20	LOCKNUT	1	
5	12035	WIPER RING	1	
6	12036	PISTON SEAL	2	
7	12037	ROD SEAL	1	
8	17608	CYLINDER NUT	1	
9	17609	PISTON	1	
10	17610	GLAND	1	
11	17614	WASHER	1	
12	33514	PISTON ROD	1	
13	33515	CYLINDER BARREL	1	
14	29A-02	GREASE FITTING	2	
	26409	REPAIR KIT FOR 27963 CYLINDER ASSY.- INCLUDES ITEMS 2 TO 7 & 11	A.R.	
15	110N-08	CONNECTOR	2	
16	110W-08	CONNECTOR	4	
17	111A-0808	CONNECTOR	2	
18	111B-0808	CONNECTOR	4	
19	111E-0808	CONNECTOR	2	
20	112B-08	CONNECTOR	1	
21	8425	CLAMP	3	
22	9298	RUBBER PAD	3	
23	9313 X 28	HOSE	1	
24	9313 X 36	HOSE	2	
25	9313 X 42	HOSE	2	
26	24579	TUBE	2	
27	25733	TUBE - R.H.	1	
28	25734	TUBE - L.H.	1	
29	27133	BRACKET	1	REPAIR PART
30	36920	TUBE - L.H.	1	
31	36921	TUBE - R.H.	1	
32	14A-06	LOCKWASHER	3	
33	30A-06	NUT	3	
34	14339	DRIVE ARM ASSEMBLY	1	
35	27558	SPACER	1	
36	50A-0516	BOLT	2	
37	14A-05	LOCKWASHER	2	
38	30A-05	NUT	2	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
39	14149	HYDRAULIC SWIVEL JOINT ASSY. - INCLUDES ITEMS 40 TO 46	1	
40		BODY } NOT AVAILABLE	1	
41		SPOOL } SEPARATELY	1	
42	12A-334	O RING	5	
43	115D-04	PLUG	4	
44	7306	WASHER	1	
45	50A-0506	BOLT	2	
46	14A-05	LOCKWASHER	2	
47	51A-0808	BOLT	3	
48	14A-08	LOCKWASHER	3	
49		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGES 7/8



ISSUE No.
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POWER TILT CYLINDER & CIRCUIT - MODEL 710/710A

DECEMBER 1985

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NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2420-2 & UP

700 SERIES
SERIE 700

SECTION 2 PAGE 23
SECCION 2 PAGINA 23

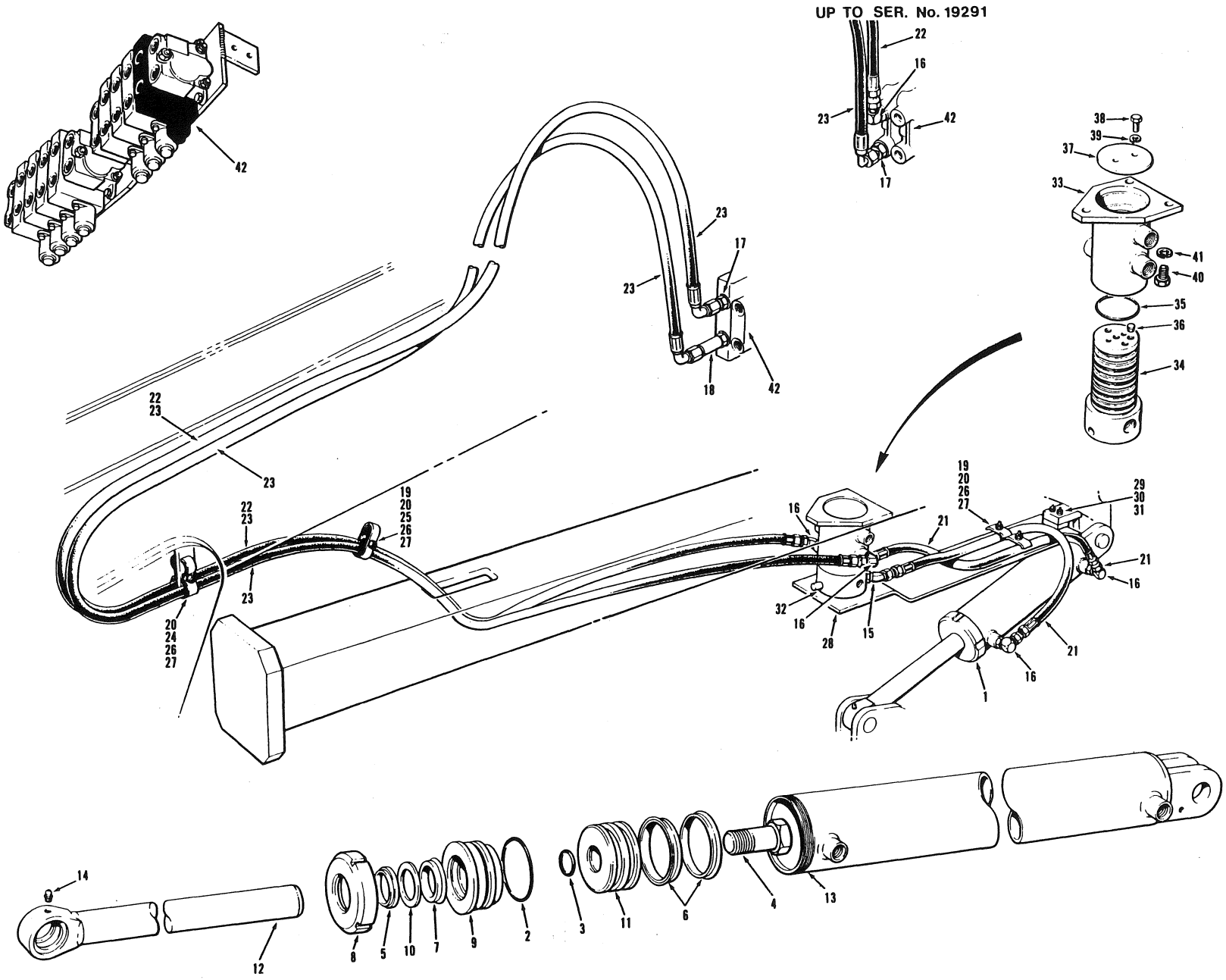
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POWER TILT CYLINDER & CIRCUIT - MODEL 710/710A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		MODIFIED POWER TILT CYLINDER		
1	*42548	POWER TILT CYLINDER ASSY. - INCLUDES ITEMS 2 TO 14	1	
2	12A-218	O RING	1	
3	12A-342	O RING	1	
4	*51A-1622	BOLT	1	
5	12035	WIPER RING	1	
6	12036	PISTON SEAL	2	
7	12037	ROD SEAL	1	
8	17608	CYLINDER NUT	1	
9	17610	GLAND	1	
10	17614	WASHER	1	
11	*42151	PISTON	1	
12	*42549	PISTON ROD	1	
13	*42550	CYLINDER BARREL	1	
14	29A-02	GREASE FITTING	2	
15	110W-08	CONNECTOR	2	
16	111A-0808	CONNECTOR	2	
17	111B-0808	CONNECTOR	4	
18	111E-0808	CONNECTOR	2	
19	8425	CLAMP	A.R.	
20	9298	RUBBER PAD	A.R.	
21	9313 X 28	HOSE	1	
22	9313 X 42	HOSE	1	
23	14369 X 94	HOSE	2	
24	25733	TUBE - R.H.	1	
25	25734	TUBE - L.H.	1	
26	27756	CLAMP	A.R.	
27	42037	TUBE - L.H.	1	
28	42038	TUBE - R.H.	1	
29	50A-0620	BOLT	1	
30	50A-0624	BOLT	1	
31	14A-06	LOCKWASHER	2	
32	30A-06	NUT	2	
33	14339	DRIVE ARM ASSEMBLY	1	
34	27558	SPACER	1	
35	50A-0506	BOLT	2	
36	14A-06	LOCKWASHER	3	
37	30A-06	NUT	3	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		HYDRAULIC SWIVEL JOINT ASSEMBLY		
38	14149	SWIVEL JOINT ASSY. - INCLUDES ITEMS 39 TO 45	1	
39		BODY } NOT AVAILABLE	1	
40		SPOOL } SEPARATELY	1	
41	12A-334	O RING	5	
42	115D-04	PLUG	4	
43	7306	WASHER	1	
44	50A-0506	BOLT	2	
45	14A-05	LOCKWASHER	2	
46	51A-0808	BOLT	3	
47	14A-08	LOCKWASHER	3	
		CYLINDER ASSEMBLY - LOCKNUT VERSION		
48	27963	POWER TILT CYLINDER ASSY. - INCLUDES ITEMS 49 TO 61	1	
49	12A-218	O RING	1	
50	12A-342	O RING	1	
51	37H-20	LOCKNUT	1	
52	12035	WIPER RING	1	
53	12036	PISTON SEAL	2	
54	12037	ROD SEAL	1	
55	17608	CYLINDER NUT	1	
56	17609	PISTON	1	
57	17610	GLAND	1	
58	17614	WASHER	1	
59	33514	PISTON ROD	1	
60	33515	CYLINDER BARREL	1	
61	29A-02	GREASE FITTING	2	
	26409	REPAIR KIT FOR 27963 CYLINDER ASSY.- INCLUDES ITEMS 49 TO 54 & 58	A.R.	
62		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8



EFFECTIVE SERIAL NUMBER(S) 18578, 18590, 18592 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 2 PAGE 23
SECCION 2 PAGINA 23

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POWER TILT CYLINDER & CIRCUIT - MODELS 710 & 710A

FEBRUARY 1989

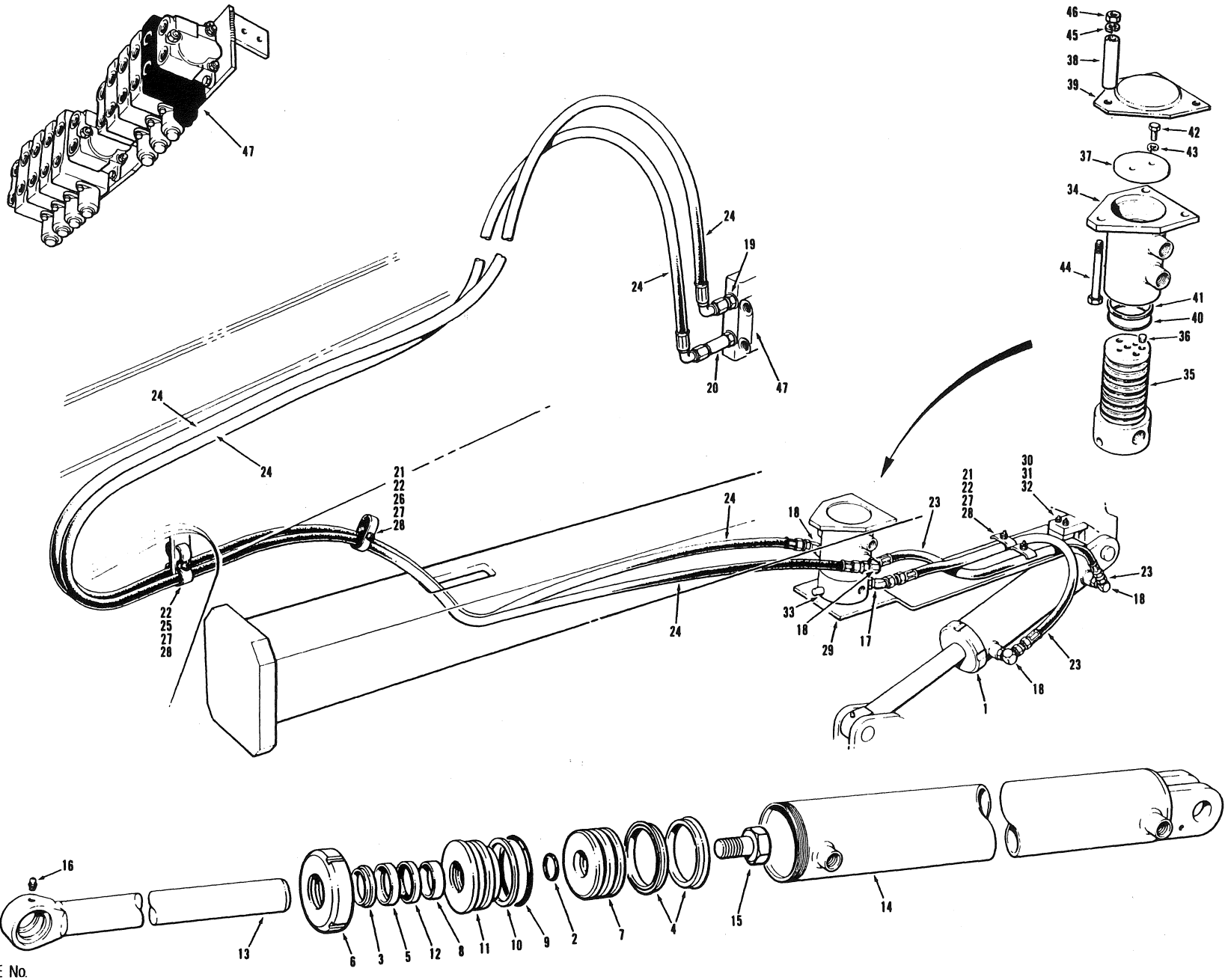
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No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		POWER TILT CYLINDER		
1	42548	POWER TILT CYLINDER ASSY. - INCLUDES ITEMS 2 TO 14	1	
2	44244	O RING	1	
3	12A-218	O RING	1	
4	51A-1622	BOLT	1	
5	12035	WIPER RING	1	
6	12036	PISTON SEAL	2	
7	12037	ROD SEAL	1	
8	17608	CYLINDER NUT	1	
9	17610	GLAND	1	
10	17614	WASHER	1	
11	42151	PISTON	1	
12	42549	PISTON ROD	1	
13	42550	CYLINDER BARREL	1	
14	29A-02	GREASE FITTING	2	
	44277	REPAIR KIT FOR 42548 CYLINDER ASSY. - INCLUDES ITEMS 2 TO 7 & 10	A.R.	
15	111A-0808	CONNECTOR	2	
16	111B-0808	CONNECTOR	5	
17	111E-0808	CONNECTOR	1	
18	*111F-0808	CONNECTOR	1	S/N 19300 & UP
19	8425	CLAMP	A.R.	
20	9298	RUBBER PAD	A.R.	
21	9313 X 30	HOSE	2	
22	9313 X 300	HOSE	1	UP TO S/N 19291
23	14382 X 300	HOSE	1	
24	27756	CLAMP	A.R.	
25	50A-0624	BOLT	1	
26	14A-06	LOCKWASHER	A.R.	
27	30A-06	NUT	A.R.	
28	42179	DRIVE ARM ASSEMBLY	1	
29	50A-0516	BOLT	2	
30	14A-05	LOCKWASHER	2	
31	30A-05	NUT	2	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		HYDRAULIC SWIVEL JOINT ASSEMBLY		
32	14149	SWIVEL JOINT ASSY. - INCLUDES ITEMS 32 TO 38	1	
33		BODY } NOT AVAILABLE	1	
34		SPOOL } SEPARATELY	1	
35	12A-334	O RING	5	
36	115D-04	PLUG	4	
37	7306	WASHER	1	
38	50A-0506	BOLT	2	
39	14A-05	LOCKWASHER	2	
40	51A-0808	BOLT	3	
41	14A-08	LOCKWASHER	3	
42		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8

EFFECTIVE SERIAL NUMBER(S) 19819 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)



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POWER TILT CYLINDER & CIRCUIT - MODELS 710 & 710A

JANUARY 1990

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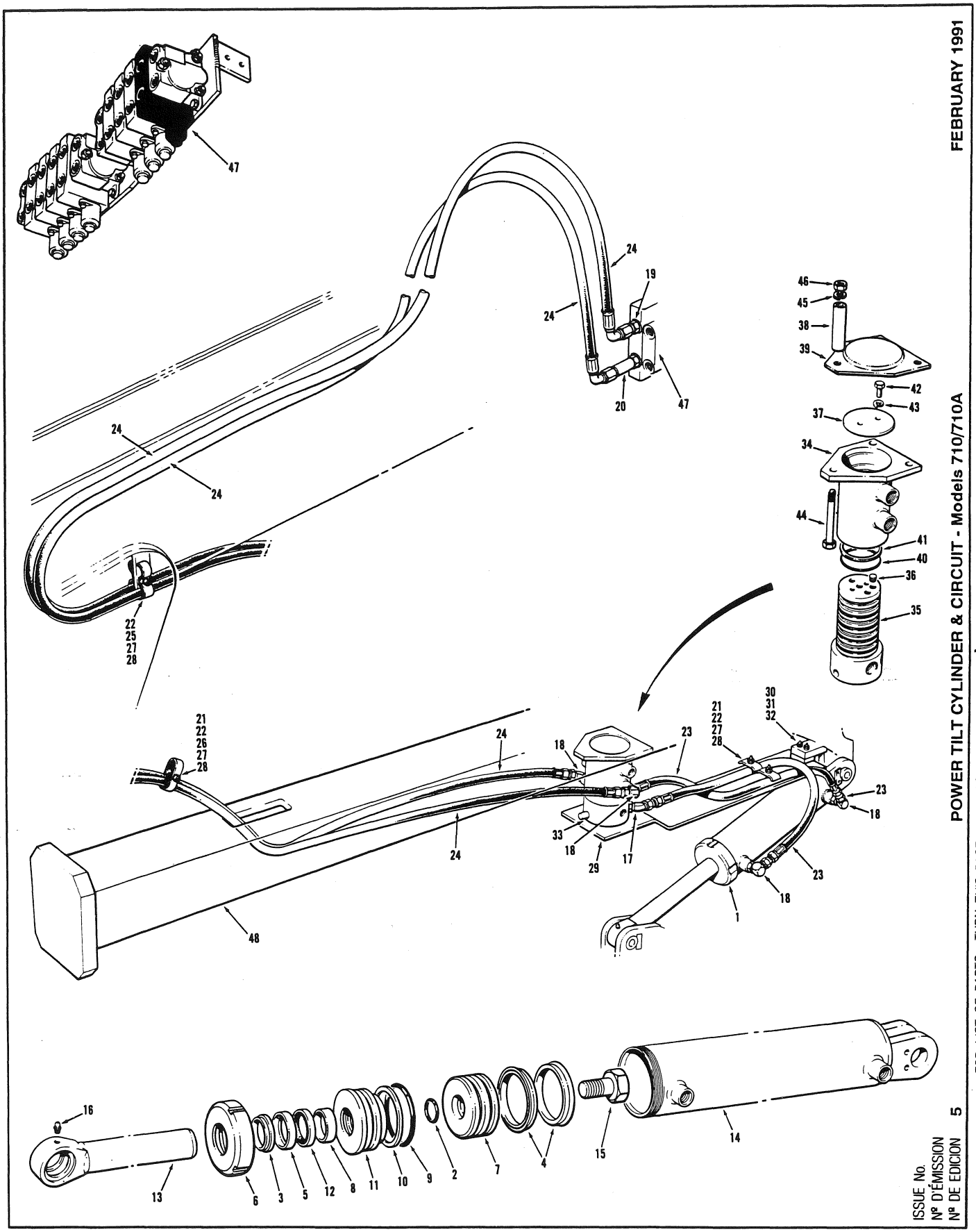
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POWER TILT CYLINDER & CIRCUIT - MODELS 710 & 710A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CYLINDER ASSEMBLY		
1	*46318	POWER TILT CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 16	1	
2	*12A-224	O RING	1	
3	12035	WIPER RING	1	
4	12036	PISTON SEAL	2	
5	12037	ROD SEAL	1	
6	17608	CYLINDER NUT	1	
7	42151	PISTON	1	
8	*43074	WEAR RING	1	
9	44244	O RING	1	
10	*44266	BACK-UP RING	1	
11	*45734	GLAND	1	
12	*45890	BUFFER RING	1	
13	*46320	PISTON ROD	1	
14	*46321	CYLINDER BARREL	1	
15	*50A-1620	BOLT	1	
16	29A-02	GREASE FITTING	2	
	*48953	REPAIR KIT FOR 46318 CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 5, 8 TO 10, 12 & 15	A.R.	
17	111A-0808	CONNECTOR	2	
18	111B-0808	CONNECTOR	4	
19	111E-0808	CONNECTOR	1	
20	111F-0808	CONNECTOR	1	
21	8425	CLAMP	A.R.	
22	9298	RUBBER PAD	A.R.	
23	9313X30	HOSE	2	
24	14382 x 300	HOSE	2	
25	27756	CLAMP	A.R.	
26	50A-0624	BOLT	1	
27	14A-06	LOCKWASHER	A.R.	
28	30A-06	NUT	A.R.	
29	42179	DRIVE ARM ASSEMBLY	1	
30	50A-0516	BOLT	2	
31	14A-05	LOCKWASHER	2	
32	30A-05	NUT	2	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		HYDRAULIC SWIVEL JOINT ASSEMBLY		
33	14149	SWIVEL JOINT ASSEMBLY - INCLUDES ITEMS 34 TO 37 & 40 TO 43	1	
34		BODY } NOT AVAILABLE	1	
35		SPOOL } SEPARATELY	1	
36	115D-04	PLUG	4	
37	7306	WASHER	1	
38	*46614	SPACER	3	
39	*46617	COVER	1	
40	*52019	O RING	5	
41	*52020	BACK-UP RING	2	
42	50A-0506	BOLT	2	
43	14A-05	LOCKWASHER	2	
44	51A-0832	BOLT	3	
45	14A-08	LOCKWASHER	3	
46	*30A-08	NUT	3	
47		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8



POWER TILT CYLINDER & CIRCUIT - Models 710/710A

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ISSUE No. 5
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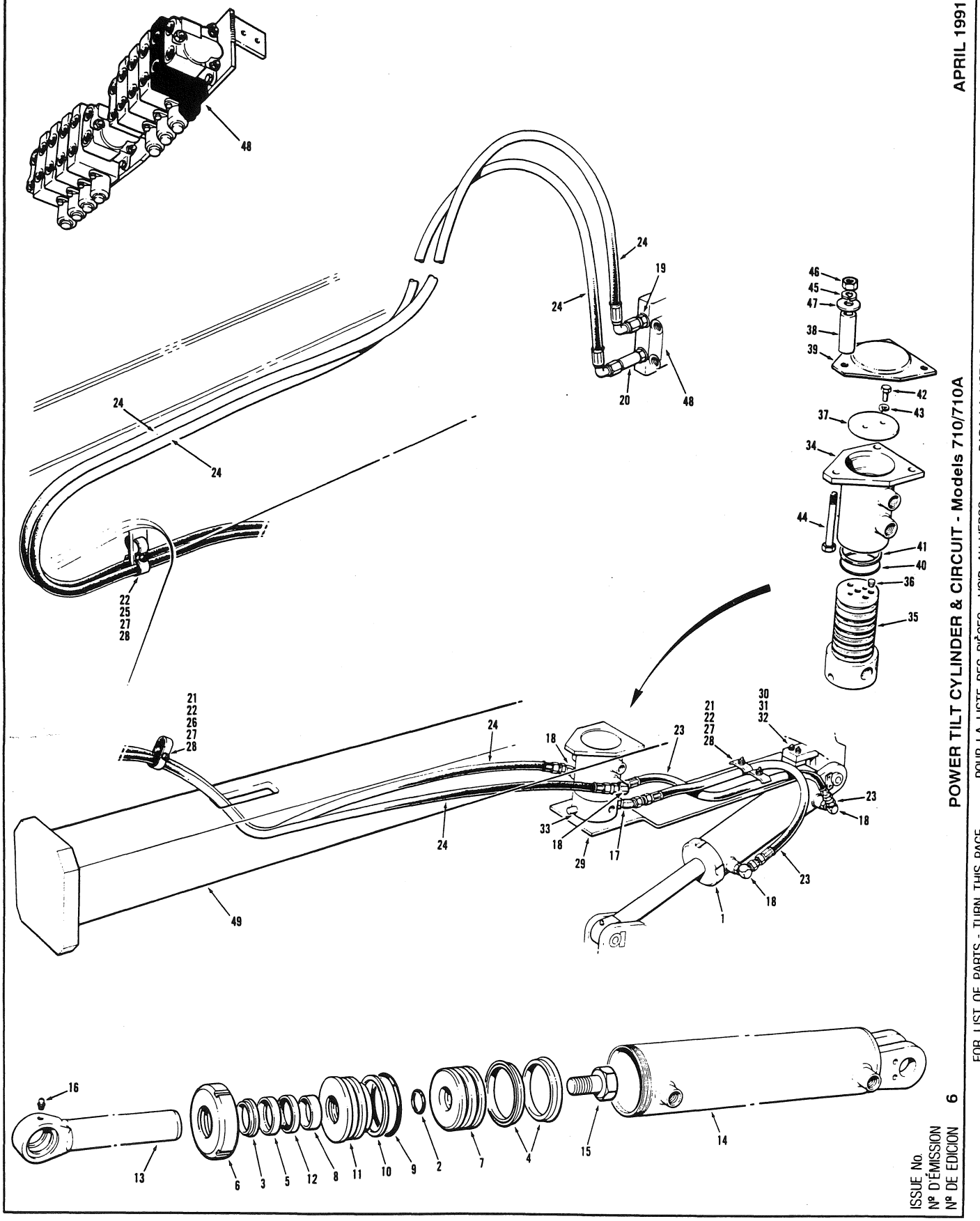
EFFECTIVE SERIAL NUMBER(S) 21254 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

SECTION / SECCION 2 | PAGE / PAGINA 24 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 5

POWER TILT CYLINDER & CIRCUIT - Models 710/710A

FEBRUARY 1991

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	*59045	**POWER TILT CYLINDER ASSEMBLY** - INCLUDES ITEMS 2 to 16	1	
	48953	REPAIR KIT FOR 59045 - CYLINDER ASSEMBLY - INCLUDES ITEMS 2 to 5, 8 to 10, 12 & 15	1 per	
2	12A-224	O-RING	1	
3	12035	WIPER RING	1	
4	12036	PISTON SEAL	2	
5	12037	ROD SEAL	1	
6	17608	CYLINDER NUT	1	
7	42151	PISTON	1	
8	43074	WEAR RING	1	
9	44244	O-RING	1	
10	44266	BACK-UP RING	1	
11	45734	GLAND	1	
12	45890	BUFFER RING	1	
13	46320	PISTON ROD	1	
14	*59046	CYLINDER BARREL	1	
15	50A-1620	BOLT	1	
16	29A-02	GREASE FITTING	2	
17	111A-0808	CONNECTOR	2	
18	111B-0808	CONNECTOR	4	
19	111E-0808	CONNECTOR	1	
20	111F-0808	CONNECTOR	1	
21	8425	CLAMP	2	
22	9298	RUBBER PAD	2	
23	9313 x 30	HOSE	2	
24	14382 x 300	HOSE	2	
25	27756	CLAMP	1	
26	50A-0624	BOLT	1	
27	14A-06	LOCKWASHER	2	
28	30A-06	NUT	2	
29	42179	**DRIVE ARM ASSEMBLY**	1	
30	50A-0516	BOLT	2	
31	14A-05	LOCKWASHER	2	
32	30A-05	NUT	2	
33	14149	**HYDRAULIC SWIVEL JOINT ASSEMBLY** - INCLUDES ITEMS 34 to 37 & 40 to 43	1	
34		BODY } NOT AVAILABLE	1	
35		SPOOL } SEPARATELY	1	
36	115D-04	PLUG	4	
37	7306	WASHER	1	
38	46614	SPACER	3	
39	46617	COVER	1	
40	52019	O-RING	5	
41	52020	BACK-UP RING	2	
42	50A-0506	BOLT	2	
43	14A-05	LOCKWASHER	2	
44	51A-0832	BOLT	3	
45	14A-08	LOCKWASHER	3	
46	30A-08	NUT	3	
47		**MANIFOLD VALVE ASSEMBLY**	REF.	Sect 4 Pg 7
48		**DRAWBAR ASSEMBLY**	REF.	Sect 2 Pg 3



CHAMPION ROAD MACHINERY

APRIL 1991

POWER TILT CYLINDER & CIRCUIT - Models 710/710A

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ISSUE No.
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EFFECTIVE SERIAL NUMBER(S) 21283 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
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700 SERIES
SERIE 700

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SECCION PAGINA

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

POWER TILT CYLINDER & CIRCUIT - Models 710/710A

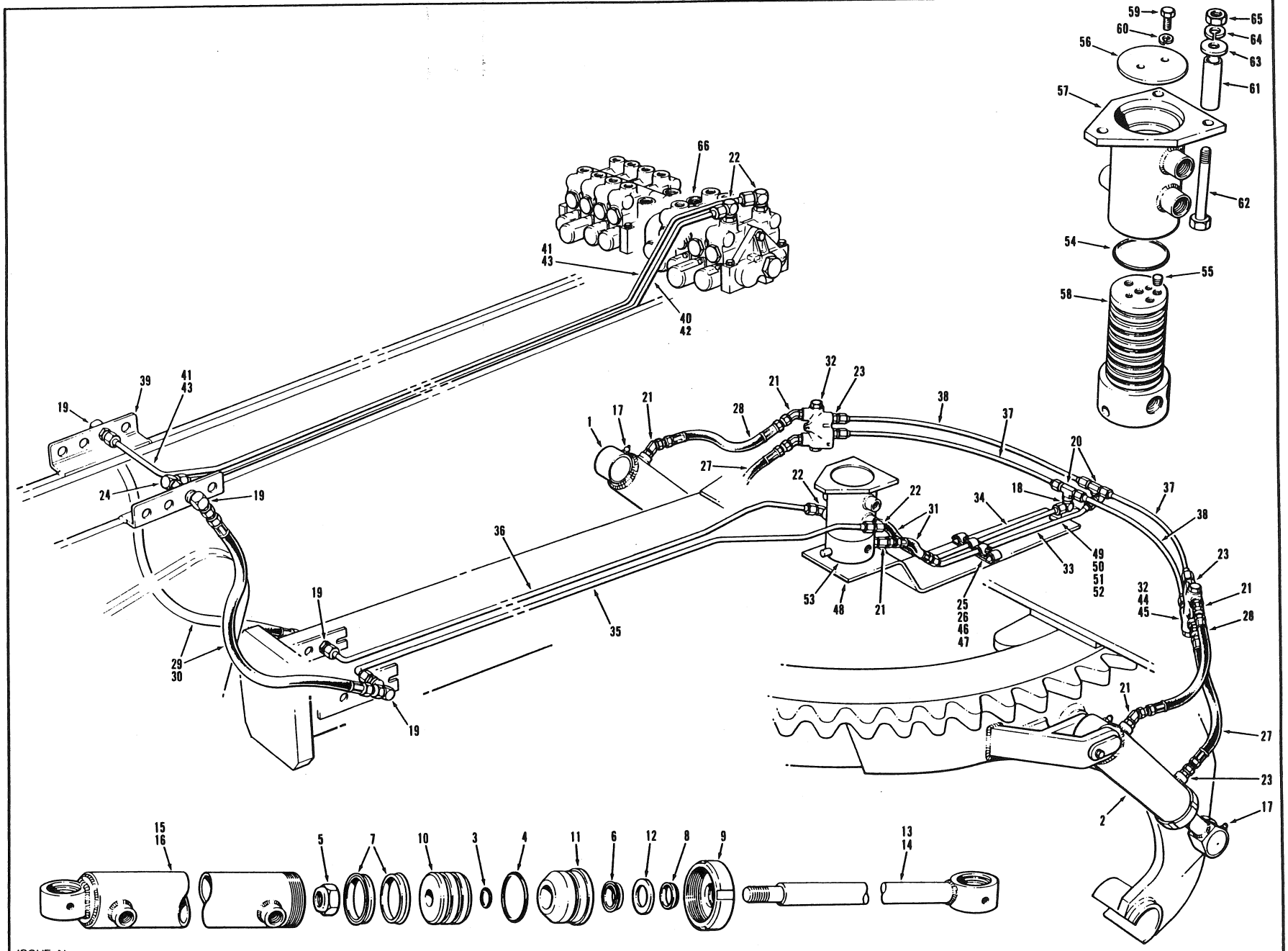
No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	59045	**POWER TILT CYLINDER ASSEMBLY** - INCLUDES ITEMS 2 to 16	1	
	48953	**REPAIR KIT FOR 59045** - CYLINDER ASSEMBLY - INCLUDES ITEMS 2 to 5, 8 to 10, 12 & 15	1 per	
2	12A-224	O-RING	1	
3	12035	WIPER RING	1	
4	12036	PISTON SEAL	2	
5	12037	ROD SEAL	1	
6	17608	CYLINDER NUT	1	
7	42151	PISTON	1	
8	43074	WEAR RING	1	
9	44244	O-RING	1	
10	44266	BACK-UP RING	1	
11	45734	GLAND	1	
12	45890	BUFFER RING	1	
13	46320	PISTON ROD	1	
14	59046	CYLINDER BARREL	1	
15	50A-1620	BOLT	1	
16	29A-02	GREASE FITTING	2	
17	111A-0808	CONNECTOR	2	
18	111B-0808	CONNECTOR	4	
19	111E-0808	CONNECTOR	1	
20	111F-0808	CONNECTOR	1	
21	8425	CLAMP	2	
22	9298	RUBBER PAD	2	
23	9313 x 30	HOSE	2	
24	14382 x 300	HOSE	2	
25	27756	CLAMP	1	
26	50A-0624	BOLT	1	
27	14A-06	LOCKWASHER	2	
28	30A-06	NUT	2	
29	42179	**DRIVE ARM ASSEMBLY**	1	
30	50A-0516	BOLT	2	
31	14A-05	LOCKWASHER	2	
32	30A-05	NUT	2	
33	*58139	**HYDRAULIC SWIVEL JOINT ASSEMBLY** - INCLUDES ITEMS 34 to 37 & 40 to 43	1	
34		BODY } NOT AVAILABLE SEPARATELY	1	
35		SPOOL } NOT AVAILABLE SEPARATELY	1	
36	115D-04	PLUG	4	
37	7306	WASHER	1	
38	46614	SPACER	3	
39	46617	COVER	1	
40	*58327	O-RING	5	
41	52020	BACK-UP RING	8	
42	50A-0506	BOLT	2	
43	14A-05	LOCKWASHER	2	
44	51A-0832	BOLT	3	
45	14A-08	LOCKWASHER	3	
46	30A-08	NUT	3	
47	*14C-08	FLATWASHER	3	
48		**MANIFOLD VALVE ASSEMBLY**	REF.	Sect 4 Pg 7
49		**DRAWBAR ASSEMBLY**	REF.	Sect 2 Pg 3

EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

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SECCION 2 PAGINA 25

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS



ISSUE No.
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Nº DE EDICION 1

POWER TILT CYLINDER & CIRCUIT - MODEL 720 THRU 760

OCTOBER 1984

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

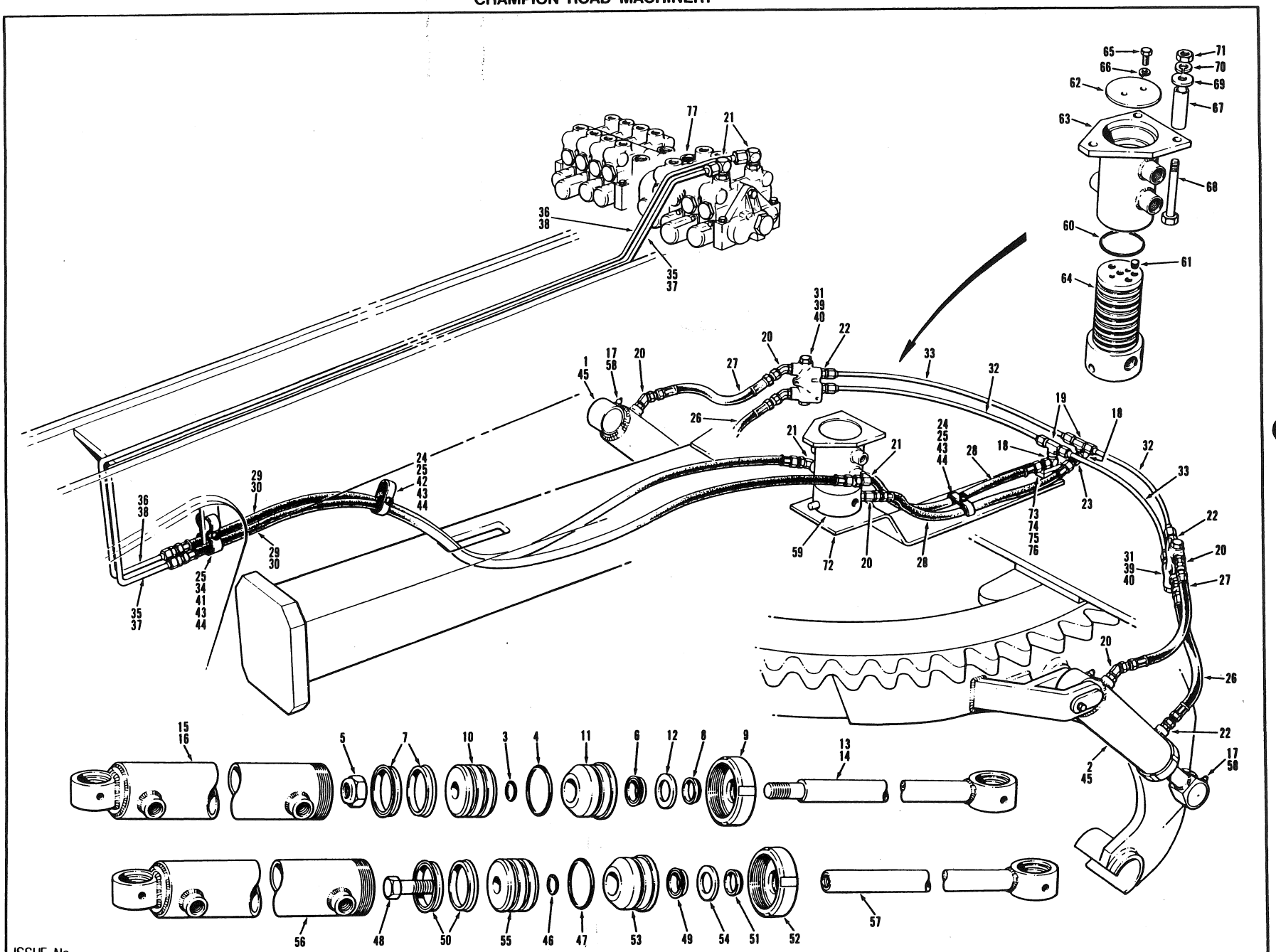
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POWER TILT CYLINDER & CIRCUIT - MODEL 720 THRU 760

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	27839	POWER TILT CYLINDER - R.H.	1	
2	27840	POWER TILT CYLINDER - L.H.	1	
3	12A-214	O RING	1	
4	12A-334	O RING	1	
5	37H-16	LOCKNUT	1	
6	12164	ROD SEAL	1	
7	12165	PISTON SEAL	2	
8	12166	WIPER	1	
9	17605	CYLINDER NUT	1	
10	17606	PISTON	1	
11	17607	GLAND	1	
12	17613	WASHER	1	
13	24108	PISTON ROD - R.H.	1	
14	24109	PISTON ROD - L.H.	1	
15	27841	CYLINDER BARREL - R.H.	1	
16	27842	CYLINDER BARREL - L.H.	1	
17	29A-02	GREASE FITTING	2	
	26408	REPAIR KIT FOR 27839 OR 27840 CYLINDER ASSY. - INCLUDES ITEMS 3 TO 8	A.R.	
18	110R-0808	CONNECTOR	2	
19	110W-0808	CONNECTOR	4	
20	110Z-0808	TEE	2	
21	111A-0808	CONNECTOR	8	
22	111B-0808	CONNECTOR	4	
23	111E-0808	CONNECTOR	6	
24	112B-08	CONNECTOR	2	
25	1008	CLAMP	2	
26	9298	PAD	4	
27	9313 X 18	HOSE	2	
28	9313 X 22	HOSE	2	
29	9313 X 36	HOSE	2	720,720A 730 & 730A
30	9313 X 42	HOSE	2	740,740A & 760
31	14369 X 10.5	HOSE	2	
32	16773	LOCK VALVE	2	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
33	17431	TUBE - L.H.	1	
34	17432	TUBE - R.H.	1	
35	17519	TUBE - L.H.	1	
36	17520	TUBE - R.H.	1	
37	17942	TUBE	2	
38	17943	TUBE	2	
39	27133	BRACKET	2	REPAIR PART
40	36920	TUBE - L.H.	1	720,720A, 730 & 730A
41	36921	TUBE - R.H.	1	
42	40239	TUBE - L.H.	1	740,740A & 760
43	40240	TUBE - R.H.	1	
44	50A-0408	BOLT	4	
45	14A-04	LOCKWASHER	4	
46	14A-06	LOCKWASHER	2	
47	30A-06	NUT	2	
48	17202	DRIVE ARM ASSY.	1	
49	27558	SPACER	1	
50	50A-0516	BOLT	2	
51	14A-05	LOCKWASHER	2	
52	30A-05	NUT	2	
53	14149	HYDRAULIC SWIVEL JOINT ASSY. - INCLUDES ITEMS 54 TO 60	1	
54	12A-334	O RING	5	
55	115D-04	PLUG	4	
56	7306	WASHER	1	
57	12516	BODY	1	
58	12542	SPOOL	1	
59	50A-0506	BOLT	2	
60	14A-05	LOCKWASHER	2	
61	17200	SPACER	3	
62	50A-0832	BOLT	3	
63	14C-08	FLATWASHER	3	
64	14A-08	LOCKWASHER	3	
65	30A-08	NUT	3	
66		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 7/8

EFFECTIVE SERIAL NUMBER(S) 16806 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2420-2 & UP



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POWER TILT CYLINDER & CIRCUIT - MODEL 720 THRU 760

DECEMBER 1985

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700 SERIES
SERIE 700

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SECCION 2 PAGINA 25

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

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POWER TILT CYLINDER & CIRCUIT - MODEL 720 THRU 760

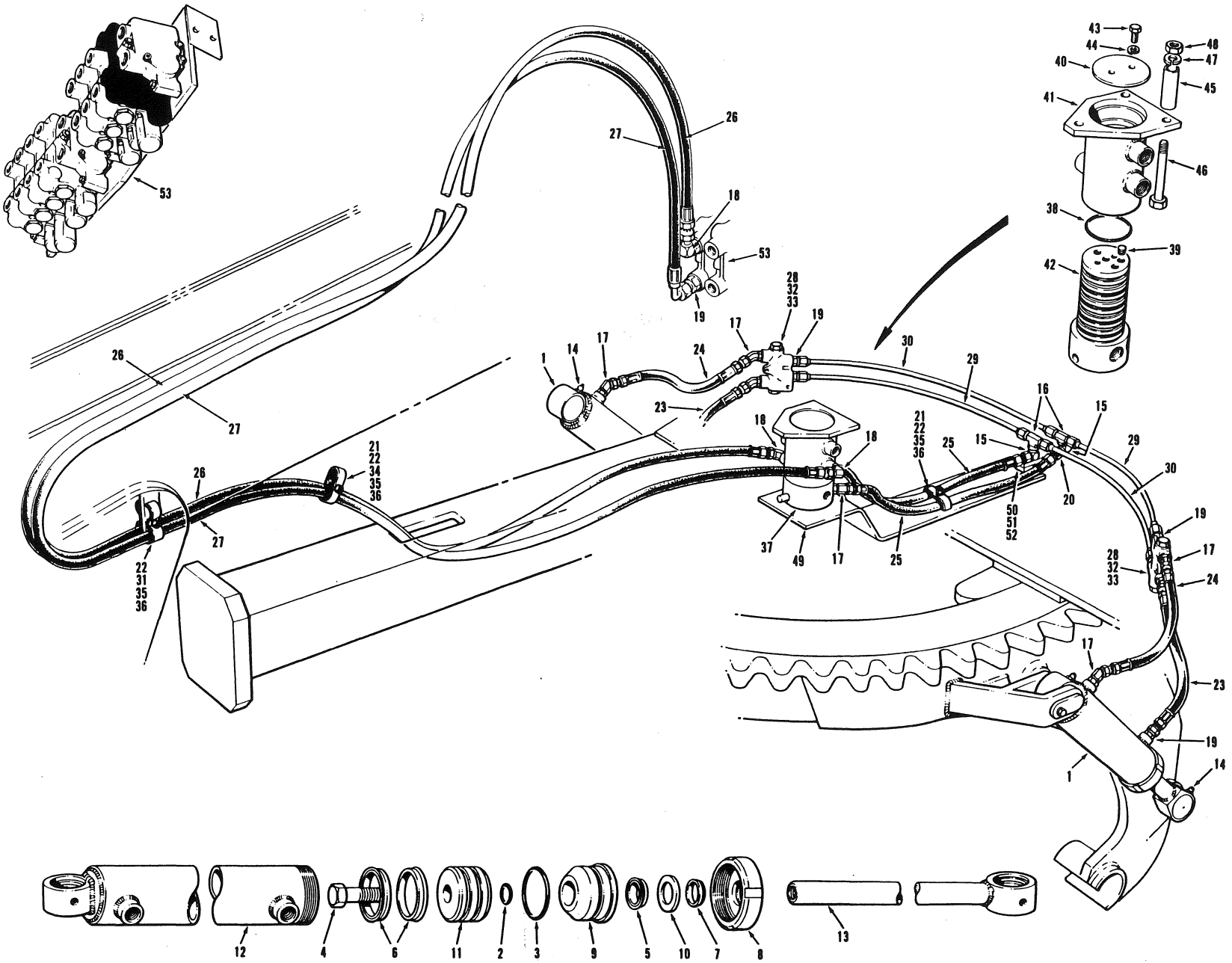
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CYLINDER ASSEMBLY - LOCKNUT VERSION		
1	27839	POWER TILT CYLINDER ASSY. - R.H. INCLUDES ITEMS 3 TO 13, 15 & 17	1	
2	27840	POWER TILT CYLINDER ASSY. - L.H. INCLUDES ITEMS 3 TO 12, 14, 16 & 17	1	
3	12A-214	O RING	1	
4	12A-334	O RING	1	
5	37H-16	LOCKNUT	1	
6	12164	ROD SEAL	1	
7	12165	SEAL	2	
8	12166	WIPER	1	
9	17605	CYLINDER NUT	1	
10	17606	PISTON	1	
11	17607	GLAND	1	
12	17613	WASHER	1	
13	24108	PISTON ROD - R.H.	1	
14	24109	PISTON ROD - L.H.	1	
15	27841	CYLINDER BARREL - R.H.	1	
16	27842	CYLINDER BARREL - L.H.	1	
17	29A-02	GREASE FITTING	2	
	26408	REPAIR KIT FOR 27839 OR 27840 CYLINDER ASSY. - INCLUDES ITEMS 3 TO 8		
18	110R-0808	CONNECTOR	2	
19	110Z-0808	CONNECTOR	2	
20	111A-0808	CONNECTOR	8	
21	111B-0808	CONNECTOR	4	
22	111E-0808	CONNECTOR	6	
23	112A-08	CONNECTOR	1	
24	8425	CLAMP	3	
25	9298	RUBBER PAD	4	
26	9313 X 18	HOSE	2	
27	9313 X 22	HOSE	2	
28	9313 X 30	HOSE	2	
29	14369 X 94	HOSE	2	MODELS 720 THRU 730A
30	14369 X 100	HOSE	2	MODELS 740 THRU 760
31	16773	LOCK VALVE	2	
32	17942	TUBE	2	
33	17943	TUBE	2	
34	27756	CLAMP	1	
35	*42017	TUBE - L.H.	1	MODELS 720 THRU 730A
36	*42018	TUBE - R.H.	1	MODELS 720 THRU 730A
37	*42031	TUBE - L.H.	1	MODELS 740 THRU 760
38	*42032	TUBE - R.H.	1	MODELS 740 THRU 760
39	50A-0408	BOLT	4	
40	14A-04	LOCKWASHER	4	
41	50A-0620	BOLT	1	
42	50A-0624	BOLT	1	
43	14A-06	LOCKWASHER	3	
44	30A-06	NUT	3	
		MODIFIED CYLINDER ASSEMBLY		
45	42160	POWER TILT CYLINDER ASSY. - INCLUDES ITEMS 46 TO 58	2	
46	*12A-216	O RING	1	
47	12A-334	O RING	1	
48	*51A-1220	BOLT	1	
49	12164	ROD SEAL	1	
50	12165	SEAL	2	
51	12166	WIPER	1	
52	17605	CYLINDER NUT	1	
53	17607	GLAND	1	
54	17613	WASHER	1	
55	*42122	PISTON	1	
56	*42161	BARREL	1	
57	*42162	PISTON ROD ASSY.	1	
58	29A-02	GREASE FITTING	2	
		HYDRAULIC SWIVEL JOINT ASSEMBLY		
59	14149	SWIVEL JOINT ASSY. - INCLUDES ITEMS 60 TO 66	1	
60	12A-334	O RING	5	
61	115D-04	PLUG	4	
62	7306	WASHER	1	
63	12516	BODY	1	
64	12542	SPOOL	1	
65	50A-0506	BOLT	2	
66	14A-05	LOCKWASHER	2	
67	17200	SPACER	3	
68	50A-0832	BOLT	3	
69	14C-08	FLATWASHER	3	
70	14A-08	LOCKWASHER	3	
71	30A-08	NUT	3	
72	17202	DRIVE ARM ASSY.	1	
73	27558	SPACER	1	
74	50A-0516	BOLT	2	
75	14A-05	LOCKWASHER	2	
76	30A-05	NUT	2	
77		HYDRAULIC MANIFOLD ASSEMBLY	REF.	SECTION 4 PAGE 8

EFFECTIVE SERIAL NUMBER(S) 18578, 18590, 18592 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
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700 SERIES
SERIE 700

SECTION 2 PAGE 25
SECCION 2 PAGINA 25

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS



ISSUE No.
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POWER TILT CYLINDER & CIRCUIT - MODEL 720 THRU 740A

JANUARY 1988

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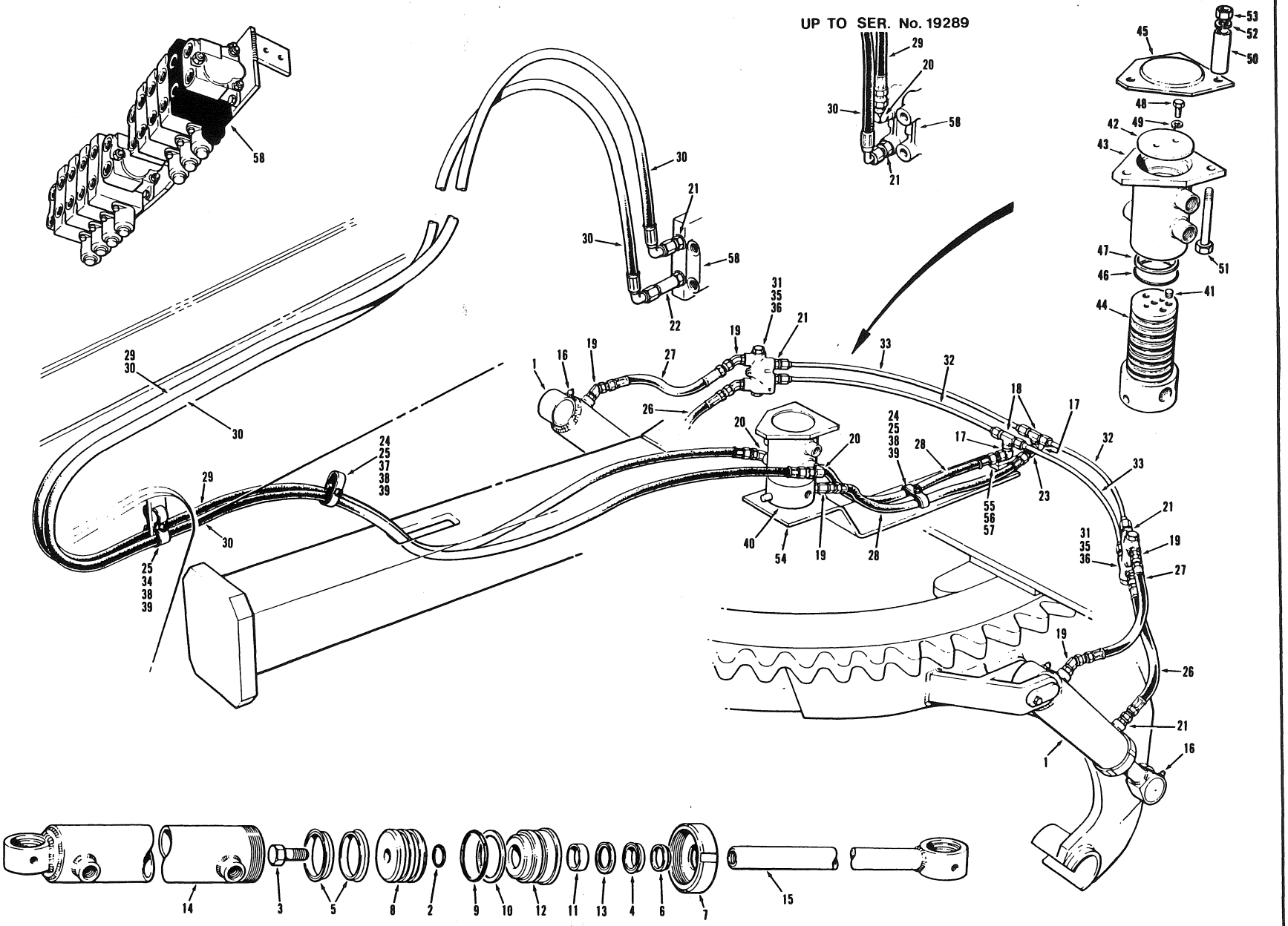
POWER TILT CYLINDER & CIRCUIT - MODEL 720 THRU 740A

CYLINDER ASSEMBLY

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	42160	POWER TILT CYLINDER ASSY. - INCLUDES ITEMS 2 TO 14	2	
2	12A-216	O RING	1	
3	*44243	O RING	1	
4	51A-1220	BOLT	1	
5	12164	ROD SEAL	1	
6	12165	SEAL	2	
7	12166	WIPER	1	
8	17605	CYLINDER NUT	1	
9	17607	GLAND	1	
10	17613	WASHER	1	
11	42122	PISTON	1	
12	42161	BARREL	1	
13	42162	PISTON ROD ASSY.	1	
14	29A-02	GREASE FITTING	2	
	*42975	REPAIR KIT FOR 42160 CYLINDER ASSY. INCLUDES ITEMS 2 TO 7, & 10		
15	110R-0808	CONNECTOR	2	
16	110Z-0808	CONNECTOR	2	
17	111A-0808	CONNECTOR	8	
18	111B-0808	CONNECTOR	3	
19	111E-0808	CONNECTOR	7	
20	112A-08	CONNECTOR	1	
21	8425	CLAMP.	3	
22	9298	RUBBER PAD	4	
23	9313 X 18	HOSE	2	
24	9313 X 22	HOSE	2	
25	9313 X 30	HOSE	2	
26	*9313 X 300	HOSE	1	
27	*14382 X 300	HOSE	1	
28	16773	LOCK VALVE	2	
29	17942	TUBE	2	
30	17943	TUBE	2	
31	27756	CLAMP	1	
32	*50D-0408	BOLT	4	
33	14A-04	LOCKWASHER	4	
34	50A-0624	BOLT	1	
35	14A-06	LOCKWASHER	3	
36	30A-06	NUT	3	

HYDRAULIC SWIVEL JOINT ASSEMBLY

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
37	14149	SWIVEL JOINT ASSY. - INCLUDES ITEMS 38 TO 44	1	
38	12A-334	O RING	5	
39	115D-04	PLUG	4	
40	7306	WASHER	1	
41		BODY } NOT AVAILABLE	1	
42		SPOOL } SEPARATELY	1	
43	50A-0506	BOLT	2	
44	14A-05	LOCKWASHER	2	
45	*46614	SPACER	3	
46	50A-0832	BOLT	3	
47	14A-08	LOCKWASHER	3	
48	30A-08	NUT	3	
49	*42180	DRIVE ARM ASSY.	1	
50	*50A-0508	BOLT	2	
51	14A-05	LOCKWASHER	2	
52	30A-05	NUT	2	
53		HYDRAULIC MANIFOLD ASSEMBLY	REF.	SECTION 4 PAGE 8



ISSUE No.
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POWER TILT CYLINDER & CIRCUIT - MODELS 720 THRU 740A

MARCH 1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 19237 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

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POWER TILT CYLINDER & CIRCUIT - MODELS 720 THRU 740A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CYLINDER ASSEMBLY		
1	46006	POWER TILT CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 16	2	
	48870	REPAIR KIT FOR 46006 CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 6, 9 TO 11 & 13		
2	12A-216	O-RING	1	
3	50A-1220	BOLT	1	
4	12164	ROD SEAL	1	
5	12165	PISTON SEAL	2	
6	12166	WIPER	1	
7	17605	CYLINDER NUT	1	
8	42122	PISTON	1	
9	44243	O-RING	1	
10	44343	BACK-UP RING	1	
11	44431	WEAR RING	1	
12	45733	GLAND	1	
13	45889	BUFFER RING	1	
14	46007	BARREL	1	
15	46015	PISTON ROD	1	
16	29A-02	GREASE FITTING	2	
17	110R-0808	CONNECTOR	2	
18	110Z-0808	CONNECTOR	2	
19	111A-0808	CONNECTOR	8	
20	111B-0808	CONNECTOR	2 or 3	
21	111E-0808	CONNECTOR	7	
22	111F-0808	CONNECTOR	1	S/N 19293 & UP
23	112A-08	CONNECTOR	1	
24	8425	CLAMP	3	
25	9298	RUBBER PAD	4	
26	9313 x 18	HOSE	2	
27	9313 x 22	HOSE	2	
28	9313 x 30	HOSE	2	
29	9313 x 300	HOSE	1	
30	14382 x 300	HOSE	1 or 2	UP TO S/N 19289
31	16773	LOCK VALVE	2	
32	17942	TUBE	2	
33	17943	TUBE	2	
34	27756	CLAMP	1	
35	50D-0408	BOLT	4	
36	14A-04	LOCKWASHER	4	
37	50A-0624	BOLT	1	
38	14A-06	LOCKWASHER	3	
39	30A-06	NUT	3	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		HYDRAULIC SWIVEL JOINT ASSEMBLY		
40	14149	SWIVEL JOINT ASSEMBLY - INCLUDES ITEMS 41 TO 44 & 46 TO 49	1	
41	115D-04	PLUG	4	
42	7306	WASHER	1	
43		BODY } NOT AVAILABLE	1	
44		SPOOL } SEPARATELY	1	
45	*46617	COVER	1	
46	*52019	O-RING	5	
47	*52020	BACK-UP RING	2	
48	50A-0506	BOLT	2	
49	14A-05	LOCKWASHER	2	
50	46614	SPACER	3	
51	50A-0832	BOLT	3	
52	14A-08	LOCKWASHER	3	
53	30A-08	NUT	3	
54	42180	DRIVE ARM ASSEMBLY	1	
55	50A-0508	BOLT	2	
56	14A-05	LOCKWASHER	2	
57	30A-05	NUT	2	
58		HYDRAULIC MANIFOLD ASSEMBLY	REF.	SECTION 4 PAGE 8

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

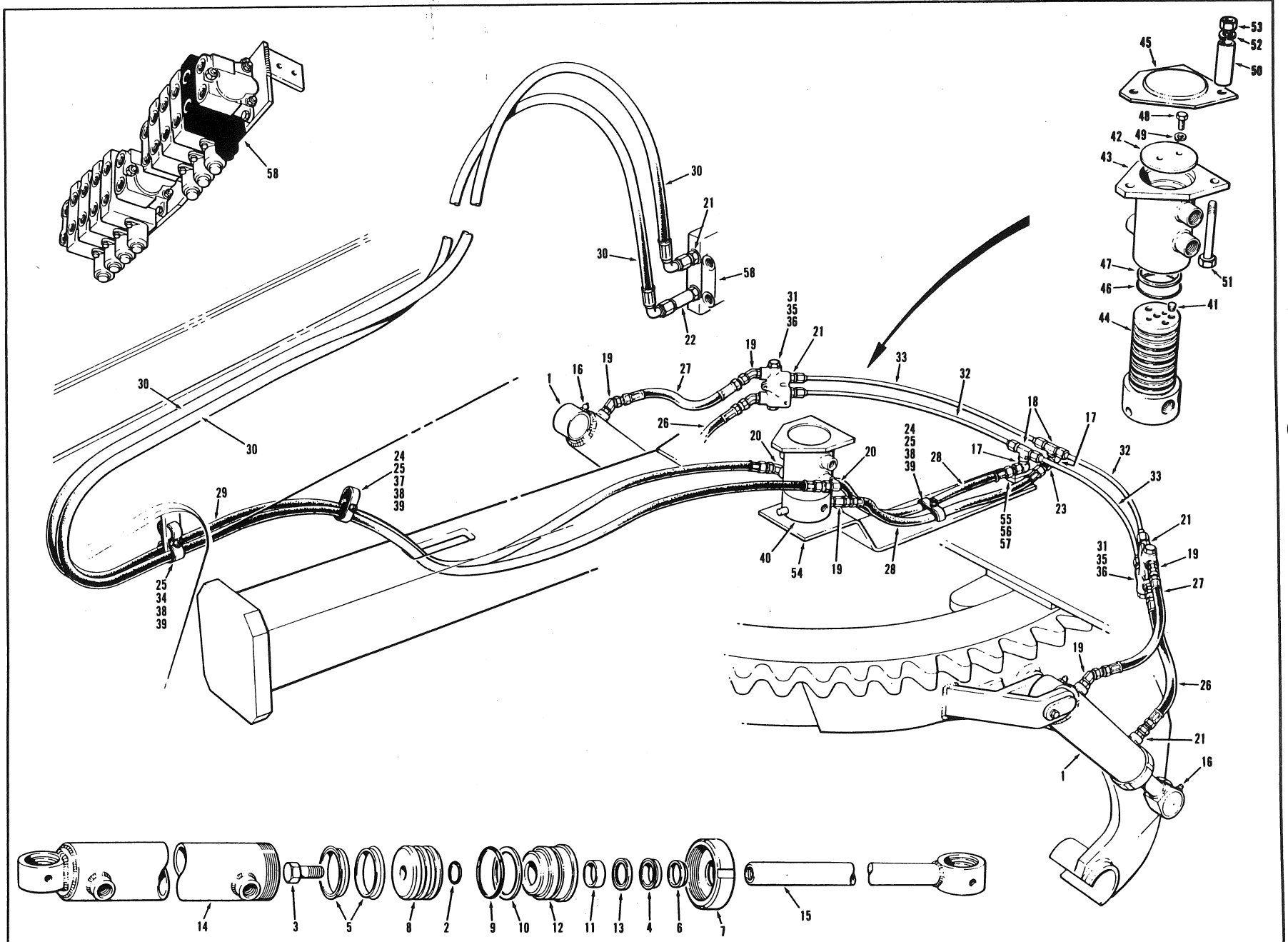
20652 to 20662, 20664 & UP

700 SERIES
SERIE 700

SECTION 2
SECCION 2

PAGE 25
PAGINA 25

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5

POWER TILT CYLINDER & CIRCUIT - Models 720 thru 740A

MAY 1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

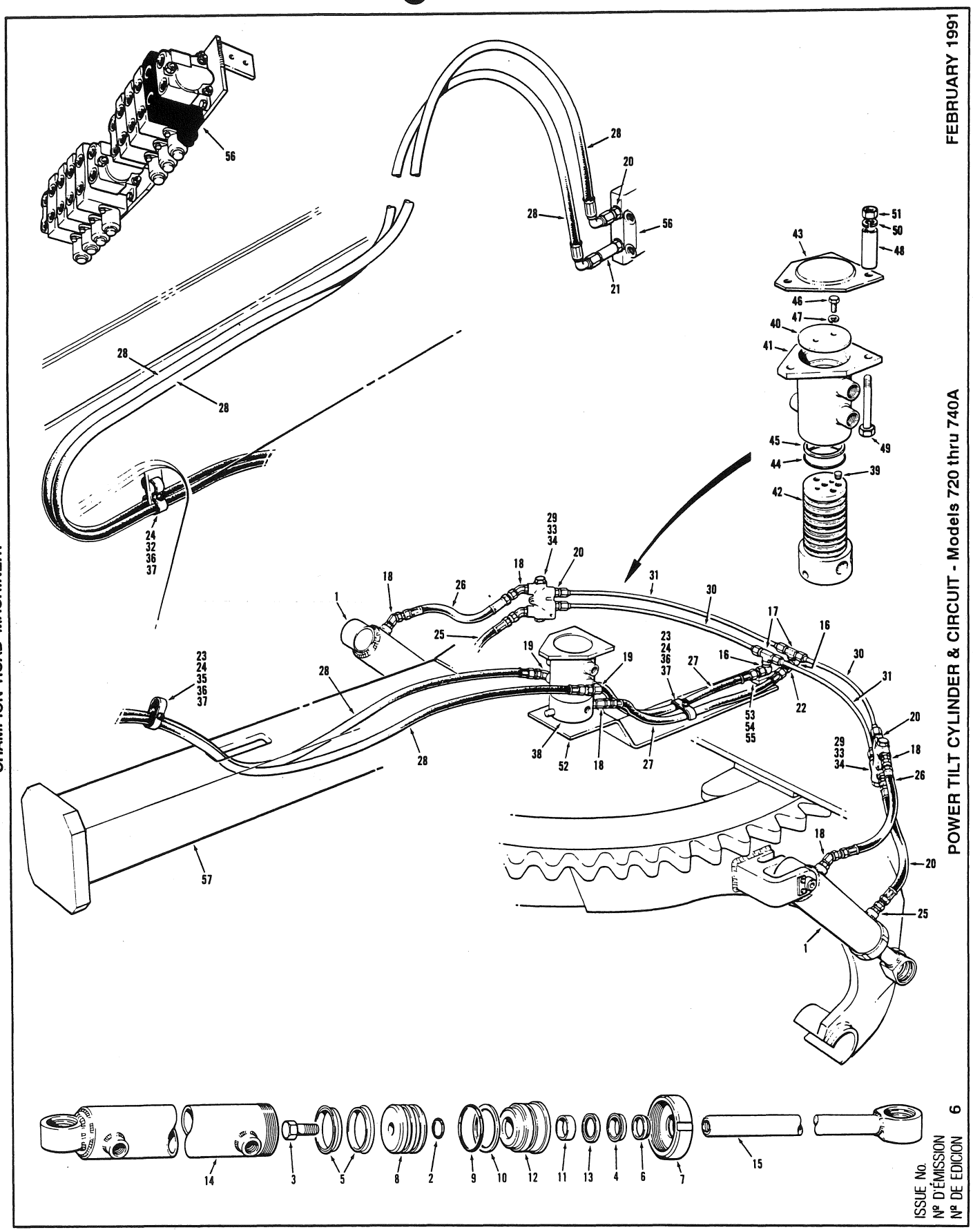
SECTION / SECCION 2 | PAGE / PAGINA 26 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 5

POWER TILT CYLINDER & CIRCUIT - MODELS 720 THRU 740A

MAY 1990

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CYLINDER ASSEMBLY		
1	*54874	POWER TILT CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 16	2	
	48870	REPAIR KIT FOR 54874 CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 6, 9 TO 11 & 13		
2	12A-216	O-RING	1	
3	50A-1220	BOLT	1	
4	12164	ROD SEAL	1	
5	12165	PISTON SEAL	2	
6	12166	WIPER	1	
7	17605	CYLINDER NUT	1	
8	42122	PISTON	1	
9	44243	O-RING	1	
10	44343	BACK-UP RING	1	
11	*49394	WEAR RING	1	
12	*49393	GLAND	1	
13	45889	BUFFER RING	1	
14	*54875	BARREL	1	
15	*54876	PISTON ROD	1	
16	29A-02	GREASE FITTING	2	
17	110R-0808	CONNECTOR	2	
18	110Z-0808	CONNECTOR	2	
19	111A-0808	CONNECTOR	8	
20	111B-0808	CONNECTOR	2 or 3	
21	111E-0808	CONNECTOR	7	
22	111F-0808	CONNECTOR	1	
23	112A-08	CONNECTOR	1	
24	8425	CLAMP	3	
25	9298	RUBBER PAD	4	
26	9313 x 18	HOSE	2	
27	9313 x 22	HOSE	2	
28	9313 x 30	HOSE	2	
30	14382 x 300	HOSE	2	
31	*54527	LOCK VALVE	2	
32	17942	TUBE	2	
33	17943	TUBE	2	
34	27756	CLAMP	1	
35	50D-0408	BOLT	4	
36	14A-04	LOCKWASHER	4	
37	*50A-0614	BOLT	1	
38	14A-06	LOCKWASHER	3	
39	30A-06	NUT	3	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		HYDRAULIC SWIVEL JOINT ASSEMBLY		
40	14149	SWIVEL JOINT ASSEMBLY - INCLUDES ITEMS 41 TO 44 & 46 TO 49	1	
41	115D-04	PLUG	4	
42	7306	WASHER	1	
43		BODY } NOT AVAILABLE	1	
44		SPOOL } SEPARATELY	1	
45	46617	COVER	1	
46	52019	O-RING	5	
47	52020	BACK-UP RING	2	
48	50A-0506	BOLT	2	
49	14A-05	LOCKWASHER	2	
50	46614	SPACER	3	
51	50A-0832	BOLT	3	
52	14A-08	LOCKWASHER	3	
53	30A-08	NUT	3	
54	42180	DRIVE ARM ASSEMBLY	1	
55	50A-0508	BOLT	2	
56	14A-05	LOCKWASHER	2	
57	30A-05	NUT	2	
58		HYDRAULIC MANIFOLD ASSEMBLY	REF.	SECTION 4 PAGE 8



CHAMPION ROAD MACHINERY

FEBRUARY 1991

POWER TILT CYLINDER & CIRCUIT - Models 720 thru 740A

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ISSUE No. 6
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Nº DE EDICION

EFFECTIVE SERIAL NUMBER(S) 21254 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 2 PAGE 25
SECCION PAGINA

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

POWER TILT CYLINDER & CIRCUIT - Models 720 thru 740A

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		CYLINDER ASSEMBLY		
1	*59016	**POWER TILT CYLINDER ASSEMBLY** - INCLUDES ITEMS 2 to 15	2	
	48870	**REPAIR KIT FOR 59016 - CYLINDER ASSEMBLY** - INCLUDES ITEMS 2 to 6, 9 to 11 & 13	1 per	
2	12A-216	O-RING	1	
3	50A-1220	BOLT	1	
4	12164	ROD SEAL	1	
5	12165	PISTON SEAL	2	
6	12166	WIPER	1	
7	17605	CYLINDER NUT	1	
8	42122	PISTON	1	
9	44243	O-RING	1	
10	44343	BACK-UP RING	1	
11	49394	WEAR RING	1	
12	49393	GLAND	1	
13	45889	BUFFER RING	1	
14	*59017	BARREL	1	
15	*59018	PISTON ROD	1	
16	110R-0808	CONNECTOR	2	
17	110Z-0808	CONNECTOR	2	
18	111A-0808	CONNECTOR	8	
19	111B-0808	CONNECTOR	2 or 3	
20	111E-0808	CONNECTOR	7	
21	111F-0808	CONNECTOR	1	
22	112A-08	CONNECTOR	1	
23	8425	CLAMP	3	
24	9298	RUBBER PAD	4	
25	9313 x 18	HOSE	2	
26	9313 x 22	HOSE	2	
27	9313 x 30	HOSE	2	
28	14382 x 300	HOSE	2	
29	54527	LOCK VALVE	2	
30	17942	TUBE	2	
31	17943	TUBE	2	
32	27756	CLAMP	1	
33	50D-0408	BOLT	4	
34	14A-04	LOCKWASHER	4	
35	50A-0614	BOLT	1	
36	14A-06	LOCKWASHER	3	
37	30A-06	NUT	3	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		HYDRAULIC SWIVEL JOINT ASSEMBLY		
38	14149	**SWIVEL JOINT ASSEMBLY** - INCLUDES ITEMS 39 to 42 & 44 to 47	1	
39	115D-04	PLUG	4	
40	7306	WASHER	1	
41		BODY } NOT AVAILABLE	1	
42		SPOOL } SEPARATELY	1	
43	46617	COVER	1	
44	52019	O-RING	5	
45	52020	BACK-UP RING	2	
46	50A-0506	BOLT	2	
47	14A-05	LOCKWASHER	2	
48	46614	SPACER	3	
49	50A-0832	BOLT	3	
50	14A-08	LOCKWASHER	3	
51	30A-08	NUT	3	
52	42180	**DRIVE ARM ASSEMBLY**	1	
53	50A-0508	BOLT	2	
54	14A-05	LOCKWASHER	2	
55	30A-05	NUT	2	
56		**HYDRAULIC MANIFOLD ASSEMBLY**	REF.	Sect 4 Pg 7
57		**DRAWBAR ASSEMBLY**	REF.	Sect 2 Pg 3

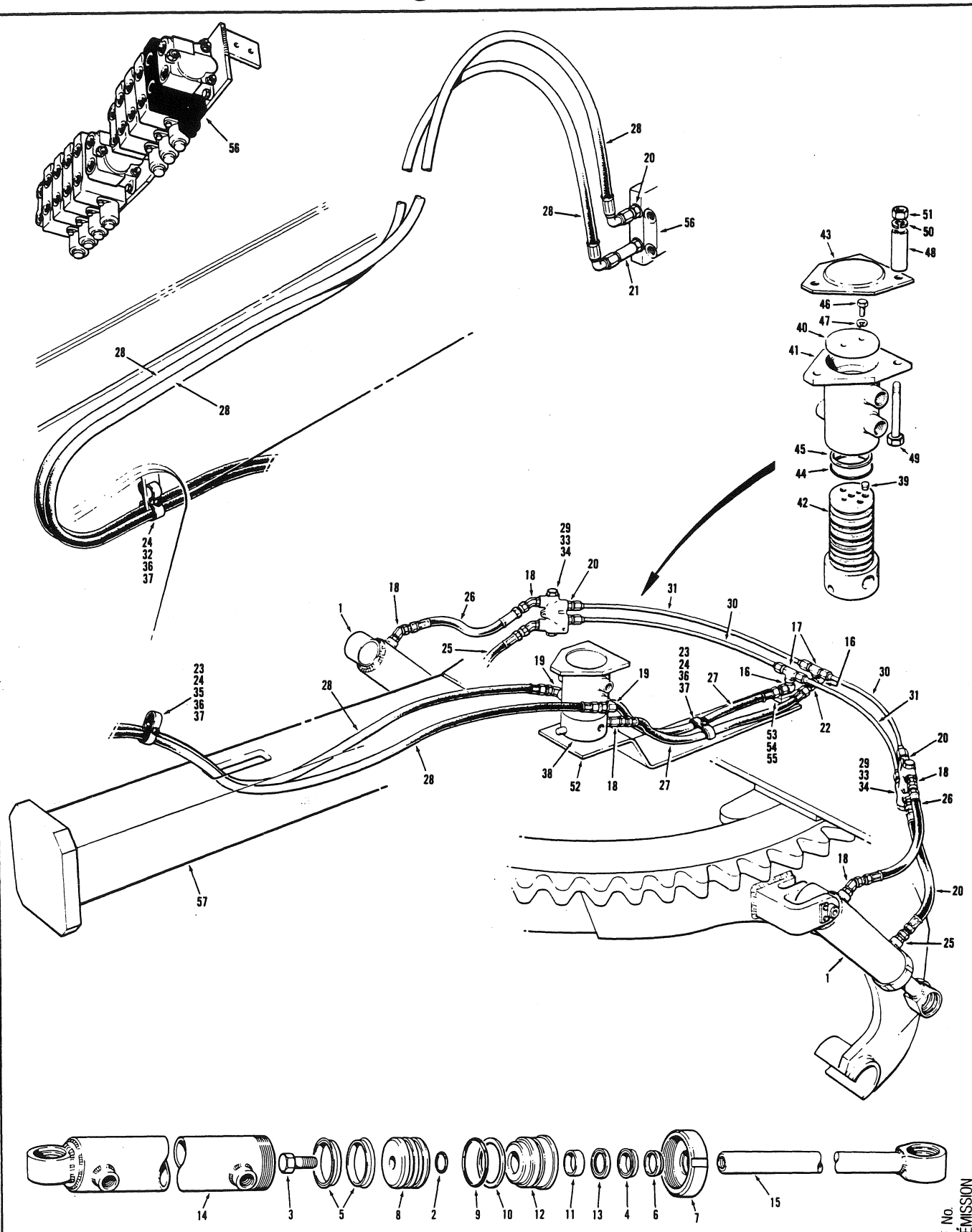
CHAMPION ROAD MACHINERY

APRIL 1991

POWER TILT CYLINDER & CIRCUIT - Models 720 thru 740A

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ISSUE No. 7
Nº D'ÉMISSION
Nº DE EDICION



EFFECTIVE SERIAL NUMBER(S) 21283 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

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POWER TILT CYLINDER & CIRCUIT - Models 720 thru 740A

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		CYLINDER ASSEMBLY		
1	59016	**POWER TILT CYLINDER ASSEMBLY** - INCLUDES ITEMS 2 to 15	2	
	48870	**REPAIR KIT FOR 59016** - CYLINDER ASSEMBLY - INCLUDES ITEMS 2 to 6, 9 to 11 & 13	1 per	
2	12A-216	O-RING	1	
3	50A-1220	BOLT	1	
4	12164	ROD SEAL	1	
5	12165	PISTON SEAL	2	
6	12166	WIPER	1	
7	17605	CYLINDER NUT	1	
8	42122	PISTON	1	
9	44243	O-RING	1	
10	44343	BACK-UP RING	1	
11	49394	WEAR RING	1	
12	49393	GLAND	1	
13	45889	BUFFER RING	1	
14	59017	BARREL	1	
15	59018	PISTON ROD	1	
16	110R-0808	CONNECTOR	2	
17	110Z-0808	CONNECTOR	2	
18	111A-0808	CONNECTOR	8	
19	111B-0808	CONNECTOR	2 or 3	
20	111E-0808	CONNECTOR	7	
21	111F-0808	CONNECTOR	1	
22	112A-08	CONNECTOR	1	
23	8425	CLAMP	3	
24	9298	RUBBER PAD	4	
25	9313 x 18	HOSE	2	
26	9313 x 22	HOSE	2	
27	9313 x 30	HOSE	2	
28	14382 x 300	HOSE	2	
29	54527	LOCK VALVE	2	
30	17942	TUBE	2	
31	17943	TUBE	2	
32	27756	CLAMP	1	
33	50D-0408	BOLT	4	
34	14A-04	LOCKWASHER	4	
35	50A-0614	BOLT	1	
36	14A-06	LOCKWASHER	3	
37	30A-06	NUT	3	

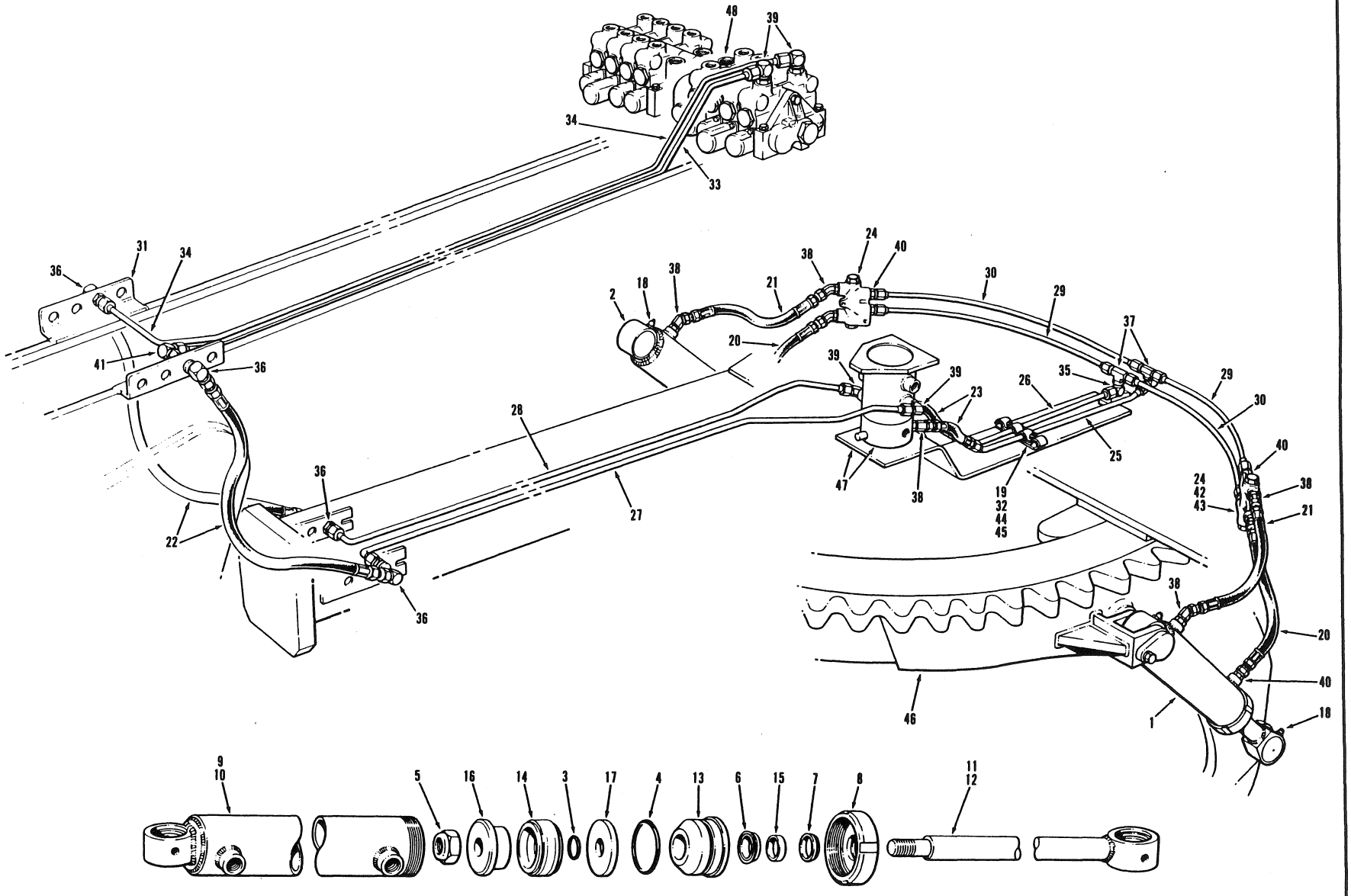
No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		HYDRAULIC SWIVEL JOINT ASSEMBLY		
38	*58139	**SWIVEL JOINT ASSEMBLY** - INCLUDES ITEMS 39 to 42 & 44 to 47	1	
39	115D-04	PLUG	4	
40	7306	WASHER	1	
41		BODY } NOT AVAILABLE	1	
42		SPOOL } SEPARATELY	1	
43	46617	COVER	1	
44	*58327	O-RING	5	
45	52020	BACK-UP RING	8	
46	50A-0506	BOLT	2	
47	14A-05	LOCKWASHER	2	
48	46614	SPACER	3	
49	50A-0832	BOLT	3	
50	14A-08	LOCKWASHER	3	
51	30A-08	NUT	3	
52	42180	**DRIVE ARM ASSEMBLY**	1	
53	50A-0508	BOLT	2	
54	14A-05	LOCKWASHER	2	
55	30A-05	NUT	2	
56		**HYDRAULIC MANIFOLD ASSEMBLY**	REF.	Sect 4 Pg 7
57		**DRAWBAR ASSEMBLY**	REF.	Sect 2 Pg 3

USE ONLY CHAMPION APPROVED PARTS

EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 2 PAGE 27
SECCION 2 PAGINA 27



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1

POWER TILT CYLINDER & CIRCUIT - MODEL 740 THRU 760 - OPTIONAL

OCTOBER 1984

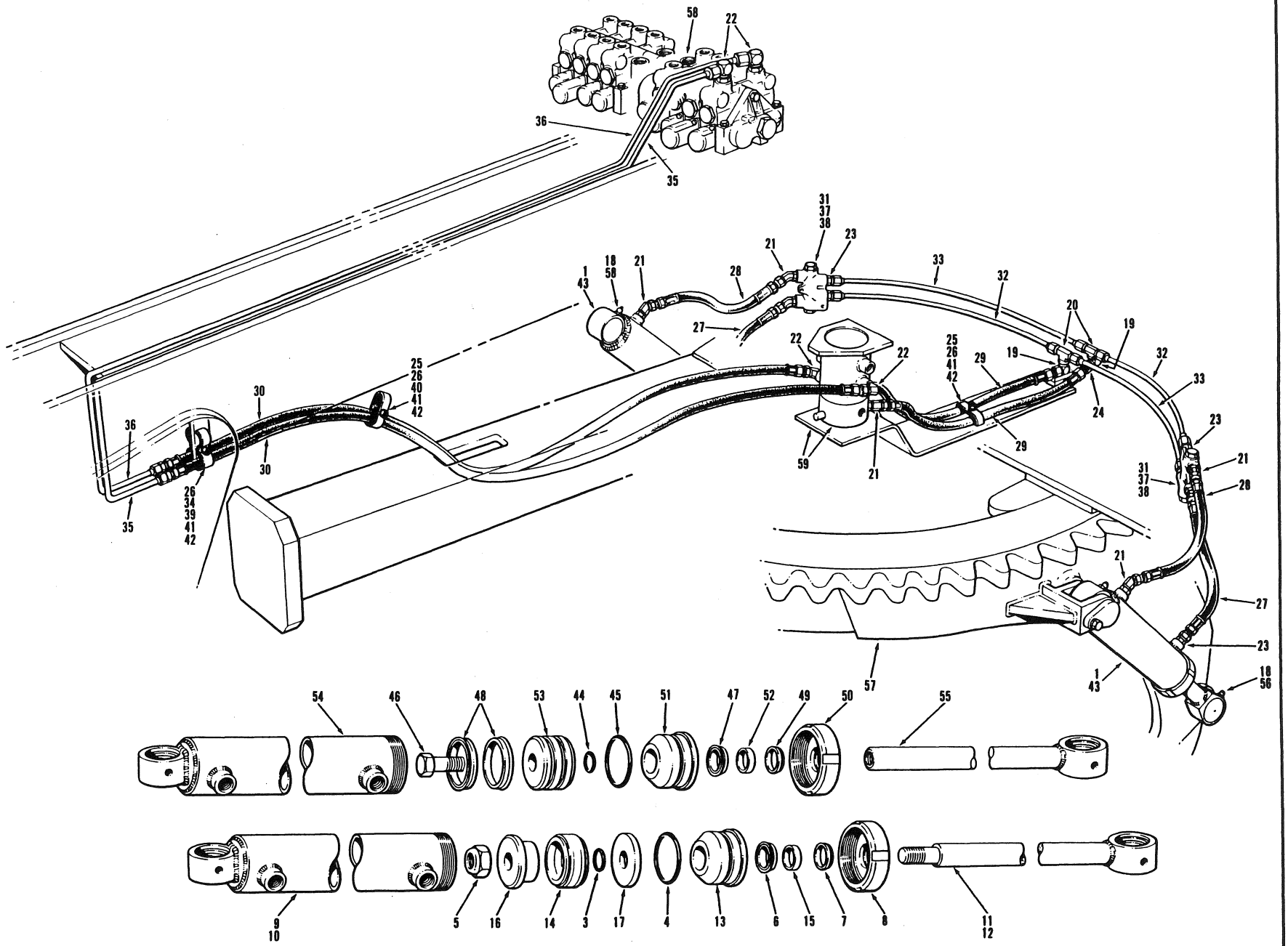
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SECTION / SECCION 2 | PAGE / PAGINA 28 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 1

POWER TILT CYLINDER & CIRCUIT - MODEL 740 THRU 760 - OPTIONAL

OCTOBER 1984

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	30434	POWER TILT CYLINDER ASSEMBLY - L.H.	1	
2	30435	POWER TILT CYLINDER ASSEMBLY - R.H.	1	
3	12A-214	O RING	1	
4	12A-334	O RING	1	
5	37H-16	LOCKNUT	1	
6	12164	ROD SEAL	1	
7	12166	WIPER	1	
8	17605	CYLINDER NUT	1	
9	30436	CYLINDER BARREL - L.H.	1	
10	30437	CYLINDER BARREL - R.H.	1	
11	30438	PISTON ROD - L.H.	1	
12	30439	PISTON ROD - R.H.	1	
13	35298	GLAND	1	
14	35303	PISTON SEAL	1	
15	35304	WEAR RING	1	
16	35538	PISTON	1	
17	35539	BACK-UP WASHER	1	
18	29A-02	GREASE FITTING	2	
19	9298	RUBBER PAD	1	
20	9313 X 18	HOSE	2	
21	9313 X 22	HOSE	2	
22	9313 X 42	HOSE	2	
23	14369 X 10.5	HOSE	2	
24	16773	LOCK VALVE	2	
25	17431	TUBE - L.H.	1	
26	17432	TUBE - R.H.	1	
27	17519	TUBE - L.H.	1	
28	17520	TUBE - R.H.	1	
29	17942	TUBE	2	
30	17943	TUBE	2	
31	27133	BRACKET	2	REPAIR PART
32	27756	CLAMP	1	
33	40239	TUBE - L.H.	1	
34	40240	TUBE - R.H.	1	
35	110R-0808	ELBOW	2	
36	110W-0808	CONNECTOR	4	
37	110Z-0808	TEE	2	
38	111A-0808	CONNECTOR	8	
39	111B-0808	CONNECTOR	4	
40	111E-0808	CONNECTOR	6	
41	112B-0808	ELBOW	1	
42	50A-0408	BOLT	4	
43	14A-04	LOCKWASHER	4	
44	14A-06	LOCKWASHER	1	
45	30A-06	NUT	1	
46		HEAVY CIRCLE ASSEMBLY	REF.	SECTION 2 PAGE 5/6
47		DRIVE ARM ASSEMBLY SWIVEL JOINT ASSEMBLY	REF.	SECTION 2 PAGE 25/26
48		HYDRAULIC MANIFOLD ASSEMBLY	REF.	SECTION 4 PAGE 7/8



EFFECTIVE SERIAL NUMBER(S) 16806 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2420-2 & UP

700 SERIES
SERIE 700

SECTION 2 PAGE 27
SECCION 2 PAGINA 27

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION A

POWER TILT CYLINDER & CIRCUIT - MODEL 740 THRU 760 - OPTIONAL

MARCH 1986

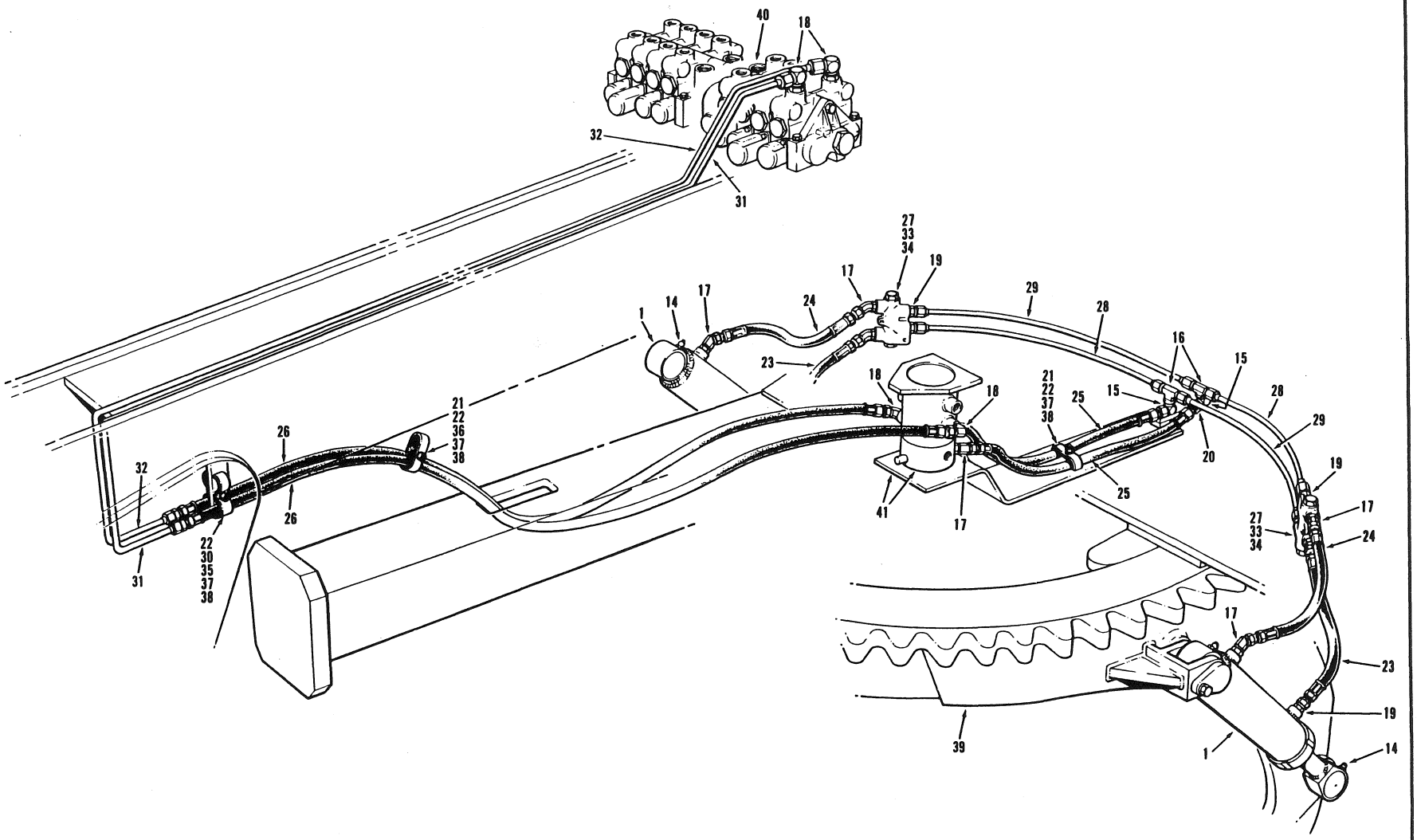
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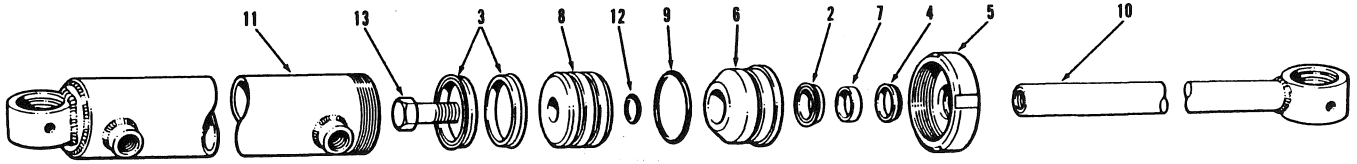
SECTION / SECCION 2 | PAGE / PAGINA 28 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 2 REVISION A

POWER TILT CYLINDER & CIRCUIT - OPTIONAL MODEL 740 THRU 760

MARCH 1986

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		POWER TILT CYLINDER - LOCKNUT VERSION		
1	30434	POWER TILT CYLINDER ASSEMBLY - L.H.	1	
2	30435	POWER TILT CYLINDER ASSEMBLY - R.H.	1	
3	12A-214	O RING	1	
4	12A-334	O RING	1	
5	37H-16	LOCKNUT	1	
6	12164	ROD SEAL	1	
7	12166	WIPER	1	
8	17605	CYLINDER NUT	1	
9	30436	CYLINDER BARREL - L.H.	1	
10	30437	CYLINDER BARREL - R.H.	1	
11	30438	PISTON ROD - L.H.	1	
12	30439	PISTON ROD - R.H.	1	
13	35298	GLAND	1	
14	35303	PISTON SEAL	1	
15	35304	WEAR RING	1	
16	35538	PISTON	1	
17	35539	BACK-UP WASHER	1	
18	29A-02	GREASE FITTING	2	
	44136	REPAIR KIT FOR 30434 & 30435 CYLINDER ASSY. - INCLUDES ITEMS 3,4,5,6,7 & 15		
19	110R-0808	CONNECTOR	2	
20	110Z-0808	CONNECTOR	2	
21	111A-0808	CONNECTOR	8	
22	111B-0808	CONNECTOR	4	
23	111E-0808	CONNECTOR	6	
24	112A-08	CONNECTOR	1	
25	8425	CLAMP	3	
26	9298	RUBBER PAD	4	
27	9313 X 18	HOSE	2	
28	9313 X 22	HOSE	2	
29	9313 X 30	HOSE	2	
30	14369 X 100	HOSE	2	
31	16773	LOCK VALVE	2	
32	17942	TUBE	2	
33	17943	TUBE	2	
34	27756	CLAMP	2	
35	42031	TUBE - L.H.	1	
36	42032	TUBE - R.H.	1	
37	50A-0408	BOLT	4	
38	14A-04	LOCKWASHER	4	
39	50A-0620	BOLT	1	
40	50A-0624	BOLT	1	
41	14A-06	LOCKWASHER	3	
42	30A-06	NUT	3	
		MODIFIED POWER TILT CYLINDER		
43	42484	POWER TILT CYLINDER ASSEMBLY	2	
44	12A-216	O RING	1	
45	12A-334	O RING	1	
46	51A-1220	BOLT	1	
47	12164	ROD SEAL	1	
48	*12165	PISTON SEAL	2	
49	12166	WIPER	1	
50	17605	CYLINDER NUT	1	
51	35298	GLAND	1	
52	35304	WEAR RING	1	
53	*42122	PISTON	1	
54	42485	CYLINDER BARREL	1	
55	42486	PISTON ROD	1	
56	29A-02	GREASE FITTING	2	
	42975	REPAIR KIT FOR 42484 CYLINDER ASSY. - INCLUDES ITEMS 44 TO 49 & 52	A.R.	
57		HEAVY CIRCLE ASSEMBLY	REF.	SECTION 2 PAGE 6
58		HYDRAULIC MANIFOLD ASSEMBLY	REF.	SECTION 4 PAGE 8
59		HYDRAULIC SWIVEL JOINT ASSEMBLY & DRIVE ARM ASSEMBLY	REF.	SECTION 2 PAGE 26





EFFECTIVE SERIAL NUMBER(S) 17430 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 2 PAGE 27
SECCION 2 PAGINA 27

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

POWER TILT CYLINDER & CIRCUIT - MODEL 780 & 780A - OPTIONAL ON MODEL 740 & 740A

APRIL 1987

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
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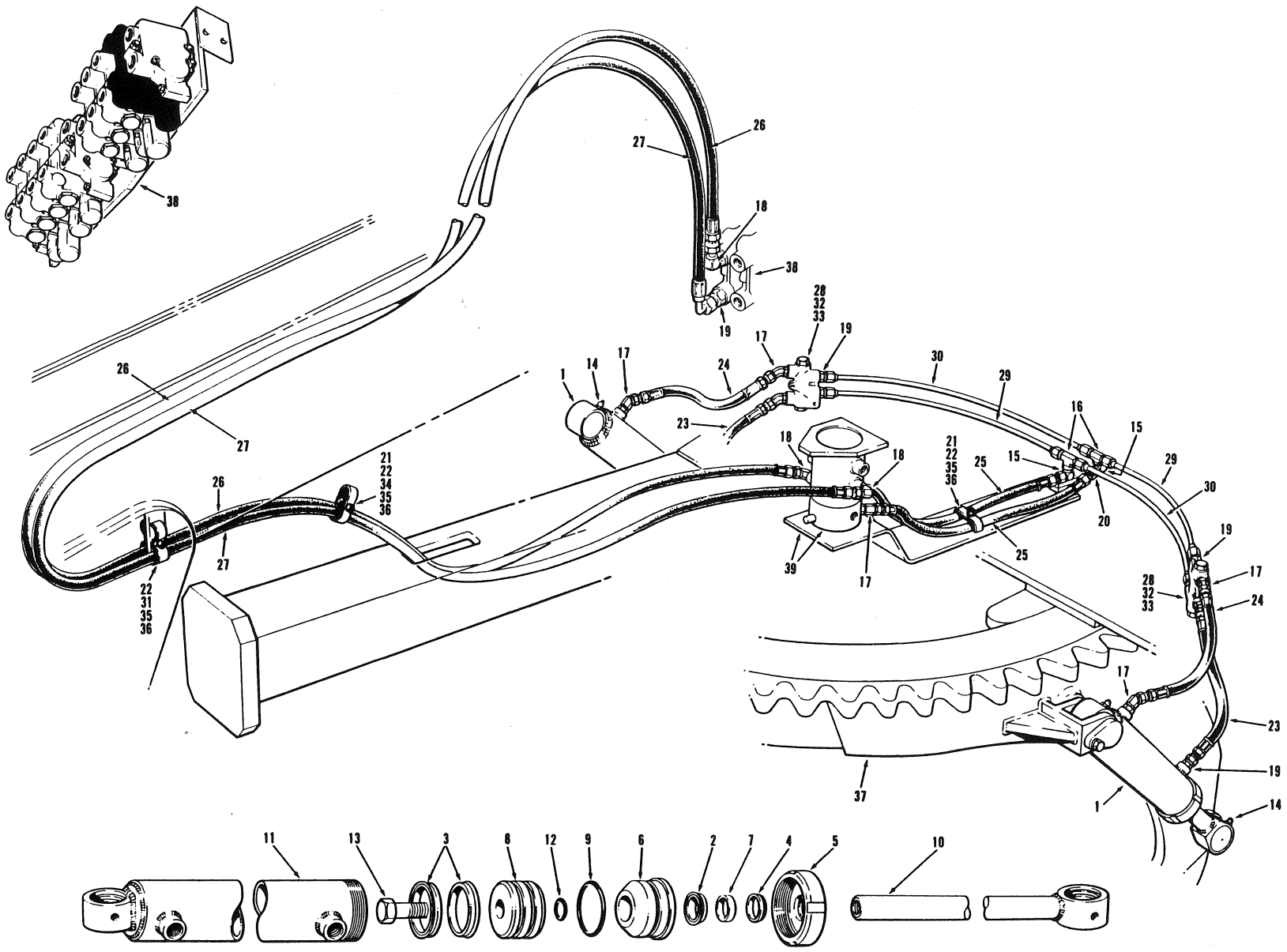
FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

POWER TILT CYLINDER & CIRCUIT - MODEL 780 & 780A - OPTIONAL ON MODEL 740 & 740A -

POWER TILT CYLINDER

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	*45661	POWER TILT CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 14	2	
2	12164	ROD SEAL	1	
3	12165	PISTON SEAL	2	
4	12166	WIPER	1	
5	17605	CYLINDER NUT	1	
6	35298	GLAND	1	
7	35304	WEAR RING	1	
8	42122	PISTON	1	
9	*44243	O RING	1	
10	*45647	PISTON ROD	1	
11	*45668	CYLINDER BARREL	1	
12	12A-216	O RING	1	
13	51A-1220	BOLT	1	
14	29A-02	GREASE FITTING	2	
	42975	REPAIR KIT FOR 42484 CYLINDER ASSY. - INCLUDES ITEMS 2,3,4,9,12 & 13	A.R.	
15	110R-0808	CONNECTOR	2	
16	110Z-0808	CONNECTOR	2	
17	111A-0808	CONNECTOR	8	
18	111B-0808	CONNECTOR	4	
19	111E-0808	CONNECTOR	6	
20	112A-08	CONNECTOR	1	
21	8425	CLAMP	3	
22	9298	RUBBER PAD	4	
23	9313 X 18	HOSE	2	
24	9313 X 22	HOSE	2	
25	9313 X 30	HOSE	2	
26	14369 X 100	HOSE	2	
27	16773	LOCK VALVE	2	
28	17942	TUBE	2	
29	17943	TUBE	2	
30	27756	CLAMP	2	
31	42031	TUBE - L.H.	1	
32	42032	TUBE - R.H.	1	
33	50A-0408	BOLT	4	
34	14A-04	LOCKWASHER	4	
35	50A-0620	BOLT	1	
36	50A-0624	BOLT	1	
37	14A-06	LOCKWASHER	3	
38	30A-06	NUT	3	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
39		HEAVY CIRCLE ASSEMBLY	REF.	SECTION 2 PAGE 6
40		HYDRAULIC MANIFOLD ASSEMBLY	REF.	SECTION 4 PAGE 8
41		HYDRAULIC SWIVEL JOINT ASSEMBLY & DRIVE ARM ASSEMBLY	REF.	SECTION 2 PAGE 26



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

POWER TILT CYLINDER & CIRCUIT - MODEL 750 THRU 780A - OPTIONAL ON MODEL 740 & 740A -

JANUARY 1988

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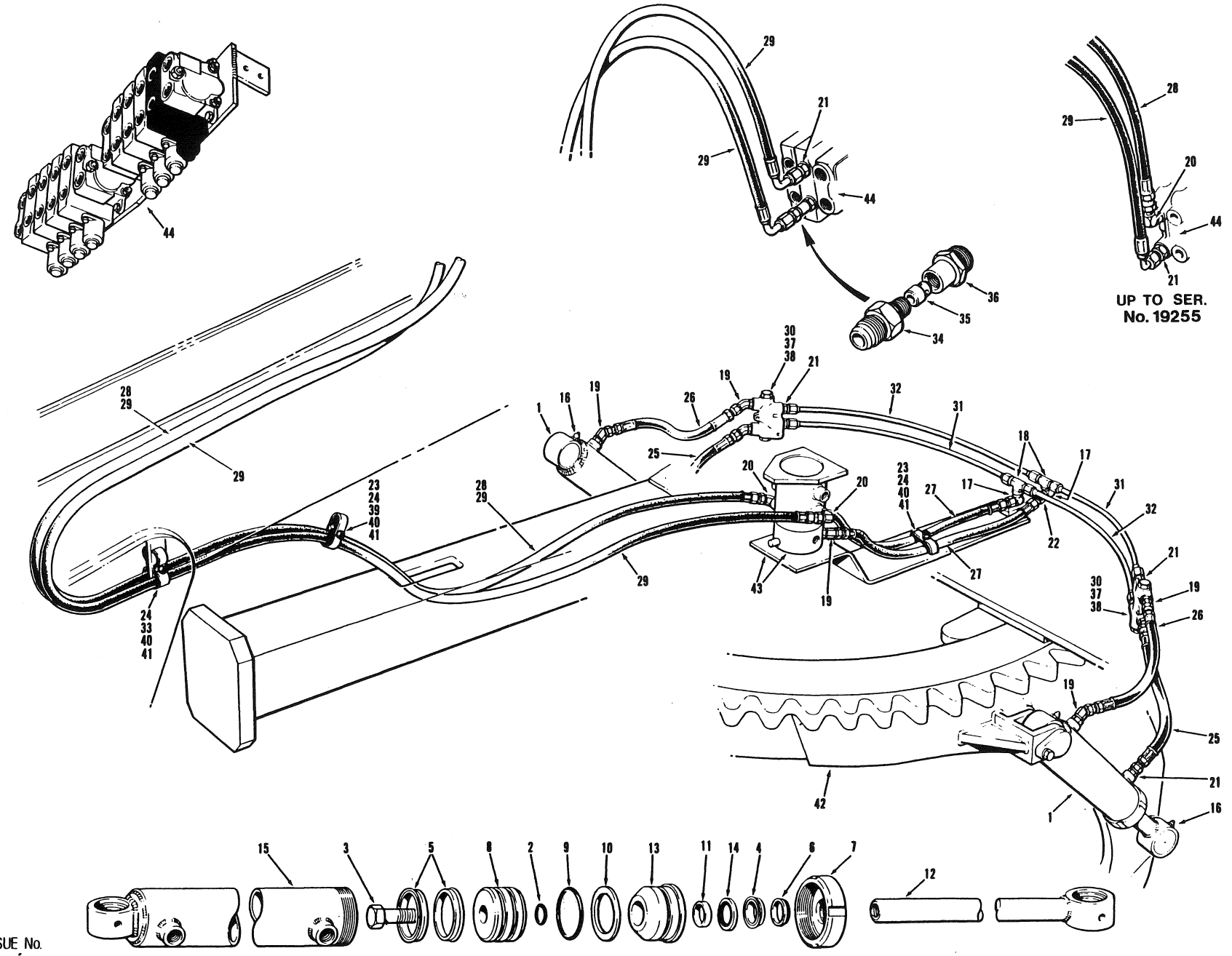
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POWER TILT CYLINDER & CIRCUIT - MODEL 750 THRU 780A - OPTIONAL ON MODEL 740 & 740A -

POWER TILT CYLINDER

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	45661	POWER TILT CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 14	2	
2	12164	ROD SEAL	1	
3	12165	PISTON SEAL	2	
4	12166	WIPER	1	
5	17605	CYLINDER NUT	1	
6	35298	GLAND	1	
7	35304	WEAR RING	1	
8	42122	PISTON	1	
9	44243	O RING	1	
10	45647	PISTON ROD	1	
11	45668	CYLINDER BARREL	1	
12	12A-216	O RING	1	
13	51A-1220	BOLT	1	
14	29A-02	GREASE FITTING	2	
	42975	REPAIR KIT FOR 45661 CYLINDER ASSY. - INCLUDES ITEMS 2,3,4,9,12 & 13	A.R.	
15	110R-0808	CONNECTOR	2	
16	110Z-0808	CONNECTOR	2	
17	111A-0808	CONNECTOR	8	
18	111B-0808	CONNECTOR	3	
19	111E-0808	CONNECTOR	7	
20	112A-08	CONNECTOR	1	
21	8425	CLAMP	3	
22	9298	RUBBER PAD	4	
23	9313 X 18	HOSE	2	
24	9313 X 22	HOSE	2	
25	9313 X 30	HOSE	2	
26	*9313 X 300	HOSE	1	
27	*14382 X 300	HOSE	1	
28	16773	LOCK VALVE	2	
29	17942	TUBE	2	
30	17943	TUBE	2	
31	27756	CLAMP	2	
32	*50D-0408	BOLT	4	
33	14A-04	LOCKWASHER	4	
34	50A-0624	BOLT	1	
35	14A-06	LOCKWASHER	3	
36	30A-06	NUT	3	
37		HEAVY CIRCLE ASSEMBLY	REF.	SECTION 2 PAGE 6
38		HYDRAULIC MANIFOLD ASSEMBLY	REF.	SECTION 4 PAGE 8
39		HYDRAULIC SWIVEL JOINT ASSEMBLY & DRIVE ARM ASSEMBLY	REF.	SECTION 2 PAGE 26



EFFECTIVE SERIAL NUMBER(S) 19162 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 2 PAGE 27
SECCION PAGINA

USE ONLY CHAMPION APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5 REVISION A

POWER TILT CYLINDER & CIRCUIT - MODELS 750 THRU 780A

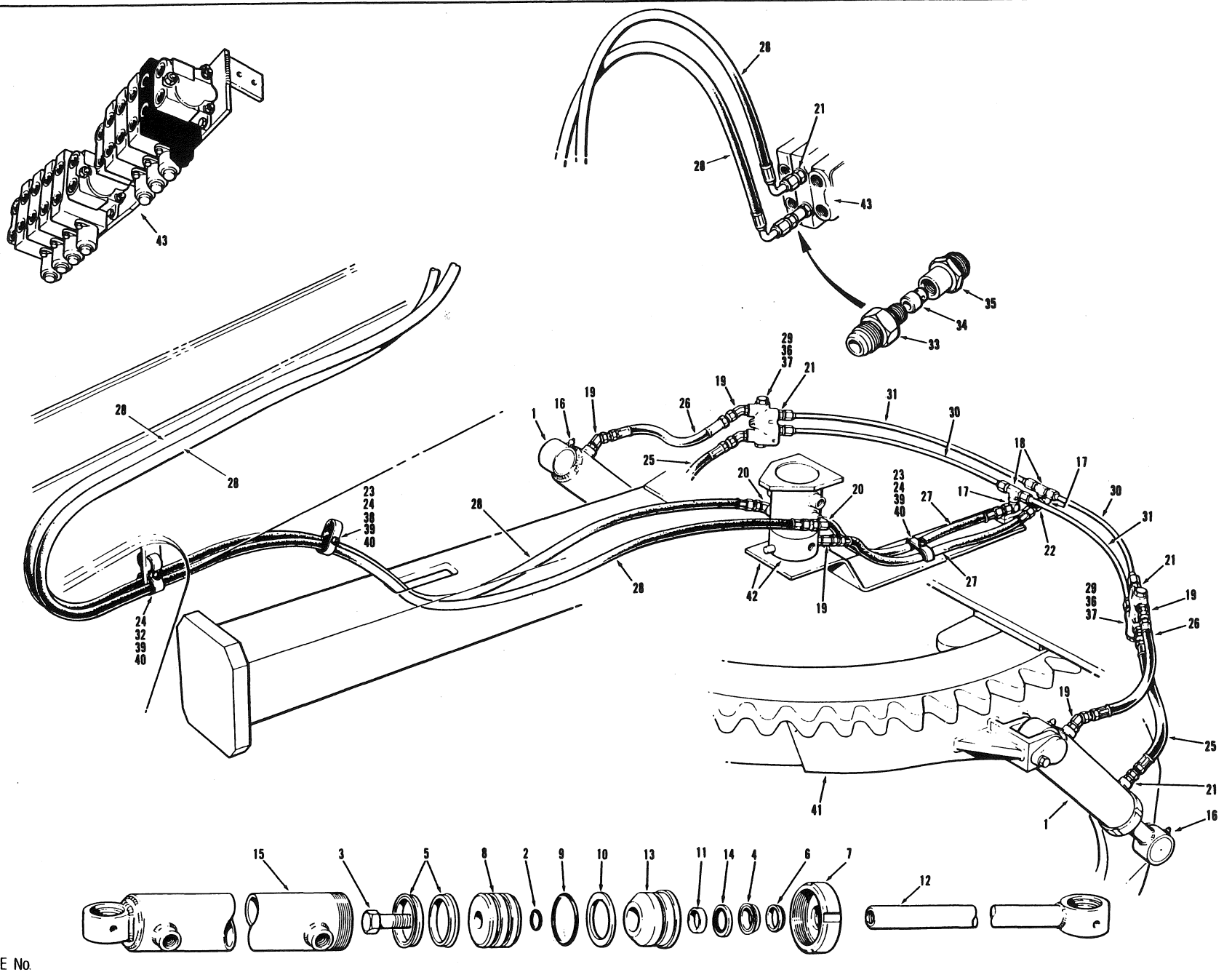
MARCH 1989

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FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

POWER TILT CYLINDER & CIRCUIT - MODELS 750 THRU 780A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	45973	POWER TILT CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 16	2	
2	12A-216	O RING	1	
3	50A-1220	BOLT	1	
4	12164	ROD SEAL	1	
5	12165	PISTON SEAL	2	
6	12166	WIPER RING	1	
7	17605	CYLINDER NUT	1	
8	42122	PISTON	1	
9	44243	O RING	1	
10	44343	BACK-UP RING	1	
11	44431	WEAR RING	1	
12	44713	PISTON ROD	1	
13	45733	GLAND	1	
14	45889	BUFFER RING	1	
15	45974	CYLINDER BARREL	1	
16	29A-02	GREASE FITTING	2	
	48870	REPAIR KIT FOR 45973 CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 6, 9 TO 11 & 14	A.R.	
17	110R-0808	CONNECTOR	2	
18	110Z-0808	CONNECTOR	2	
19	111A-0808	CONNECTOR	8	
20	111B-0808	CONNECTOR	2 or 3	
21	111E-0808	CONNECTOR	7	
22	112A-08	CONNECTOR	1	
23	8425	CLAMP	2	
24	9298	RUBBER PAD	7	
25	9313x18	HOSE	2	
26	9313x22	HOSE	2	
27	9313x30	HOSE	2	
28	9313x300	HOSE	1	UP TO S/N 19255
29	14382x300	HOSE	1 or 2	
30	16773	LOCK VALVE	2	
31	17942	TUBE	2	
32	17943	TUBE	2	
33	27756	CLAMP	2	
34	*48552	O RING ADAPTER	1	S/N 19292 & UP
35	*49368	RESTRICTING ORIFICE	1	S/N 19292 & UP
36	*49369	ORIFICE BODY	1	S/N 19292 & UP
37	50D-0408	BOLT	4	
38	14A-04	LOCKWASHER	4	
39	50A-0624	BOLT	1	
40	14A-06	LOCKWASHER	4	
41	30A-06	NUT	4	
42		HEAVY CIRCLE ASSEMBLY	REF.	SECTION 2 PAGE 6
43		HYDRAULIC SWIVEL JOINT ASSEMBLY	REF.	SECTION 2 PAGE 26
44		HYDRAULIC MANIFOLD ASSEMBLY	REF.	SECTION 4 PAGE 8



POWER TILT CYLINDER & CIRCUIT - Models 750 thru 780A

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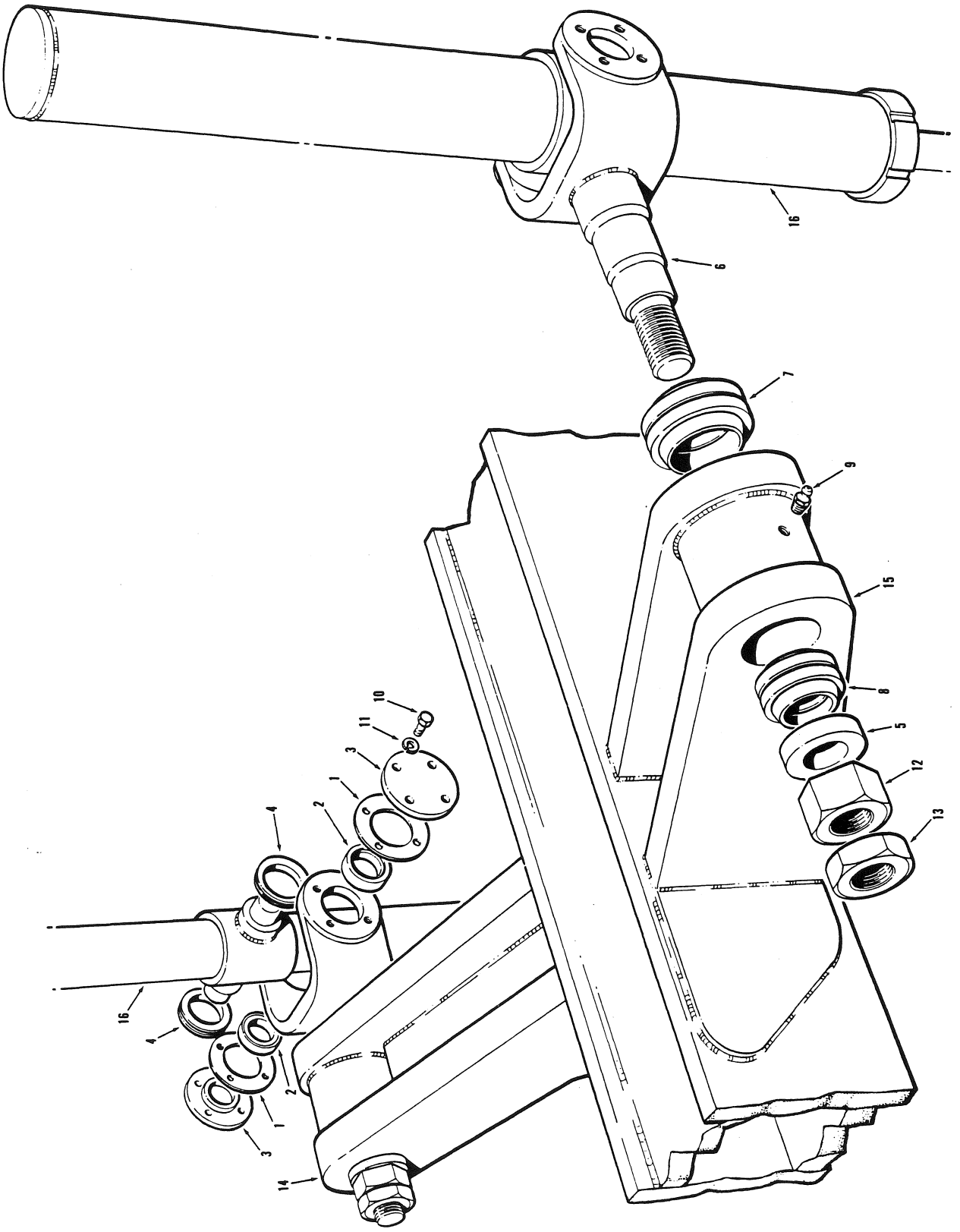
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POWER TILT CYLINDER & CIRCUIT - Models 750 thru 780A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	45973	**POWER TILT CYLINDER ASSEMBLY** - INCLUDES ITEMS 2 TO 16	2	
	48870	**REPAIR KIT FOR 45973 - CYLINDER ASSEMBLY** - INCLUDES ITEMS 2 TO 6, 9 TO 11 & 14	1 ea.	
2	12A-216	O RING	1	
3	50A-1220	BOLT	1	
4	12164	ROD SEAL	1	
5	12165	PISTON SEAL	2	
6	12166	WIPER RING	1	
7	17605	CYLINDER NUT	1	
8	42122	PISTON	1	
9	44243	O RING	1	
10	44343	BACK-UP RING	1	
11	*49394	WEAR RING	1	
12	44713	PISTON ROD	1	
13	*49393	GLAND	1	
14	45889	BUFFER RING	1	
15	45974	CYLINDER BARREL	1	
16	29A-02	GREASE FITTING	2	
17	110R-0808	CONNECTOR	2	
18	110Z-0808	CONNECTOR	2	
19	111A-0808	CONNECTOR	8	
20	111B-0808	CONNECTOR	2	
21	111E-0808	CONNECTOR	7	
22	112A-08	CONNECTOR	1	
23	8425	CLAMP	2	
24	9298	RUBBER PAD	7	
25	9313 x 18	HOSE	2	
26	9313 x 22	HOSE	2	
27	9313 x 30	HOSE	2	
28	14382 x 300	HOSE	2	
29	*54527	LOCK VALVE	2	
30	17942	TUBE	2	
31	17943	TUBE	2	
32	27756	CLAMP	2	
33	48552	O RING ADAPTER	1	
34	49368	RESTRICTING ORIFICE	1	
35	49369	ORIFICE BODY	1	
36	50D-0408	BOLT	4	
37	14A-04	LOCKWASHER	4	
38	50A-0624	BOLT	1	
39	14A-06	LOCKWASHER	4	
40	30A-06	NUT	4	
41		HEAVY CIRCLE ASSEMBLY	REF.	SECTION 2 PAGE 6
42		HYDRAULIC SWIVEL JOINT ASSEMBLY	REF.	SECTION 2 PAGE 26
43		HYDRAULIC MANIFOLD ASSEMBLY	REF.	SECTION 4 PAGE 8

CHAMPION ROAD MACHINERY



BLADE LIFT ASSEMBLY - FIXED POINT

SEPTEMBER 1987

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VEA AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224, 16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

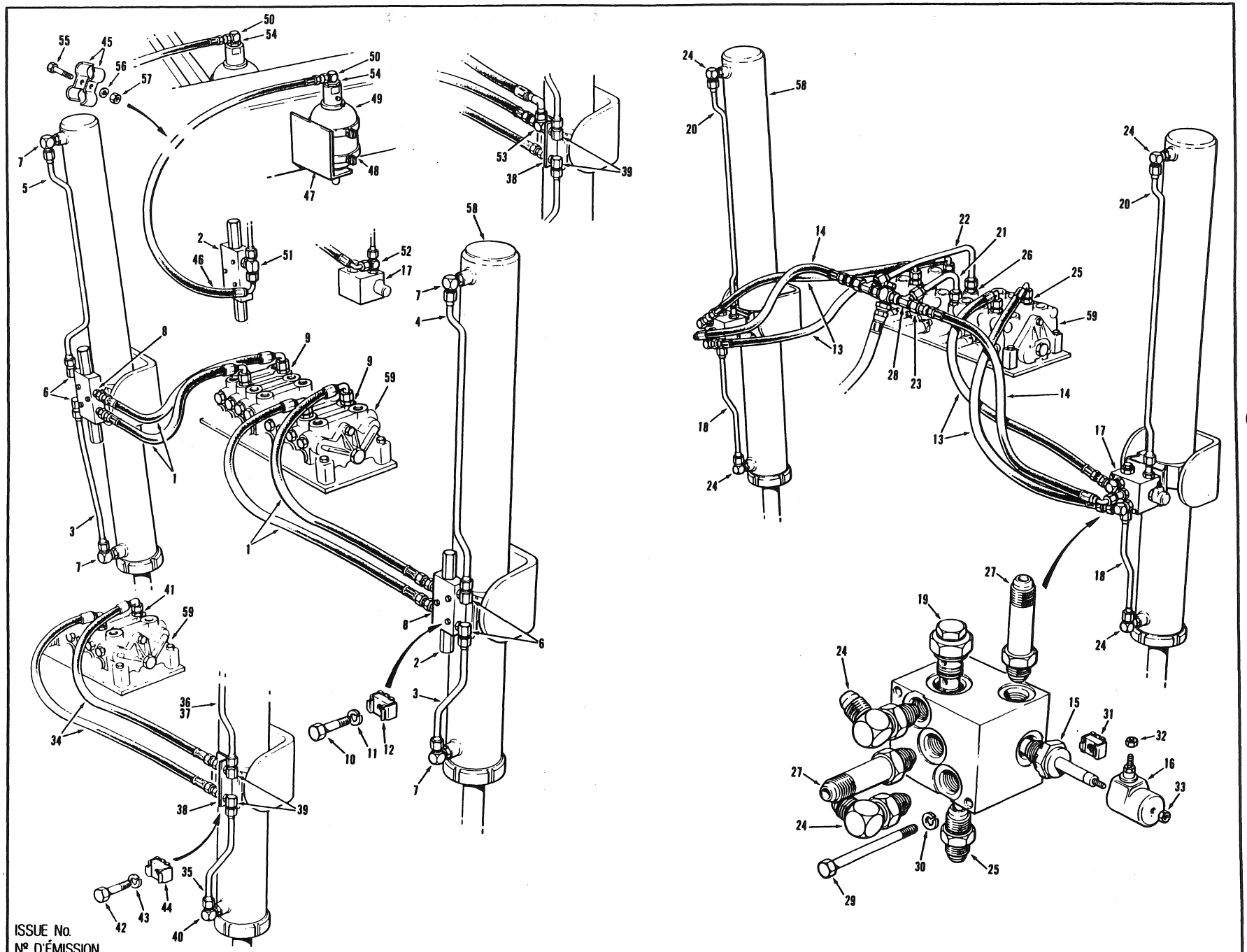
700 SERIES
SERIE 700

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

BLADE LIFT ASSEMBLY - FIXED POINT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	12732	SHIM - BEARING	32	
2	12767	BEARING	4	
3	17698	CAP - BALL THRUST	4	
4	18859	V-RING	4	
5	30204	RETAINER PLATE	2	
6	32006	STIRRUP ASSY.	2	
7	32011	BEARING	2	
8	32012	BEARING	2	
9	*28A-04	GREASE FITTING	2	
10	50A-0812	BOLT	16	
11	14A-08	LOCKWASHER	16	
12	31A-28	NUT	2	
13	31D-28	JAM NUT	2	
14	32009	HI-LIFT ARM - R.H.	A.R.	REPAIR PART
15	32010	HI-LIFT ARM - L.H.	A.R.	REPAIR PART
16		BLADE LIFT CYLINDER ASSEMBLY	REF.	SECTION 3 PAGES 5/6

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS



ISSUE No.
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Nº DE EDICION
1 REVISION C

BLADE LIFT CIRCUIT - FIXED POINT

APRIL 1986

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EFFECTIVE SERIAL NUMBER(S) 16224, 16245 to 16885,
NUMERO(S) DE SÉRIE EFFECTIF(S) 16888 to 16893
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 to 2471-2

700 SERIES
SERIE 700

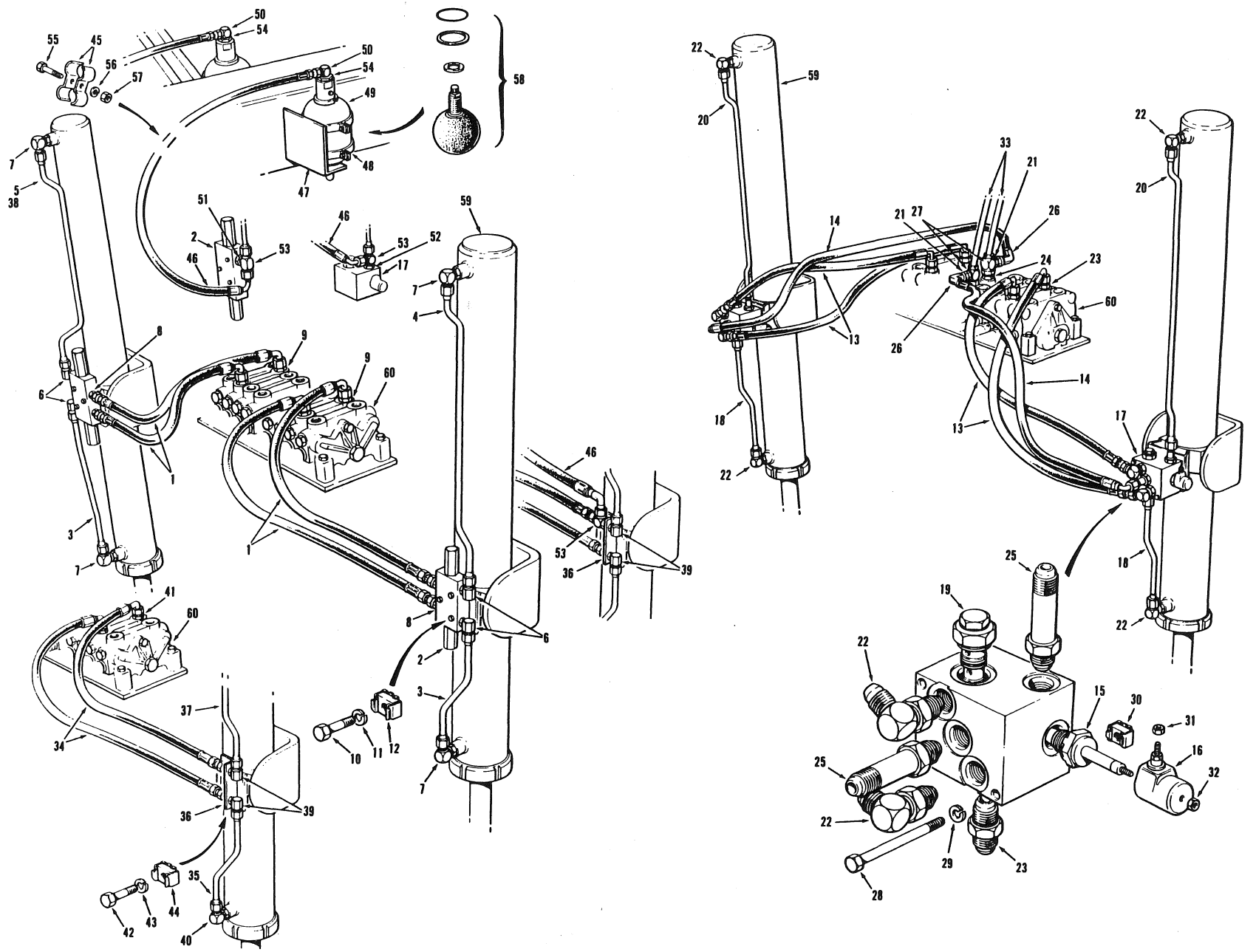
SECTION 3 PAGE 3
SECCION 3 PAGINA 3

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

BLADE LIFT CIRCUIT - FIXED POINT

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		CIRCUIT WITH COUNTERBALANCE VALVES		STANDARD 720 TO 760 OPTIONAL 710 & 710A
1	14382 X 38	HOSE	4	
2	27314	COUNTERBALANCE VALVE	2	
3	27507	TUBE	2	
4	32163	TUBE - R.H.	1	
5	32164	TUBE - L.H.	1	
6	111B-0806	CONNECTOR	4	
7	111B-0808	CONNECTOR	4	
8	111E-0806	CONNECTOR	4	
9	111E-0808	CONNECTOR	4	
10	50A-0414	BOLT	6	
11	14A-04	LOCKWASHER	6	
12	38A-0402	CAGE NUT	6	
	37215	SEAL KIT FOR 27314	A.R.	
		BLADE LIFT CIRCUIT WITH FLOAT VALVES		OPTIONAL 710 TO 760
13	14382 X 38	HOSE	4	
14	14382 X 42	HOSE	2	
15	19564	SOLENOID CARTRIDGE	4	
16	19625	COIL	4	
17	24743	FLOAT VALVE ASSY. - INCLUDES ITEMS 15,16,33 & 34	2	
18	27506	TUBE	2	
19	27549	CARTRIDGE	4	
20	32163	TUBE	2	
21	40505	TUBE - R.H.	1	
22	40506	TUBE - L.H.	1	
23	110AH-1208	REDUCER	2	
24	111B-0808	CONNECTOR	6	
25	111E-0808	CONNECTOR	6	
26	111E-1212	CONNECTOR	2	
27	111F-0808	CONNECTOR	2	
28	112C-12	TEE	2	
29	50A-0532	BOLT	4	
30	14A-05	LOCKWASHER	4	
31	38A-0502	CAGE NUT	4	
32	32A-08	NUT	4	
33	33E-10	BRASS NUT	4	
	27548	SEAL KIT FOR 24743 FLOAT VALVE	A.R.	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		BLADE LIFT CIRCUIT WITHOUT FLOAT VALVES		STANDARD 710 & 710A OPTIONAL 720 TO 760
34	14382 X 38	HOSE	4	
35	27507	TUBE	2	
36	32163	TUBE - R.H.	1	
37	32164	TUBE - L.H.	1	
38	40974	BRACKET	2	
39	110W-0808	BULKHEAD CONNECTOR	4	
40	111B-0808	CONNECTOR	4	
41	111E-0808	CONNECTOR	4	
42	50A-0406	BOLT	4	
43	14A-04	LOCKWASHER	4	
44	38A-0402	CAGE NUT	4	
		ACCUMULATORS		
45	1008	CLAMP	4	
46	14382 X 63	HOSE	2	
47	15754	BRACKET	2	
48	15755	BAND	2	
49	37048	ACCUMULATOR	2	
50	110R-0808	CONNECTOR	2	
51	111C-0806	TEE - (USE WITH ITEM 2)	2	
52	111D-0808	TEE - (USE WITH ITEM 17)	2	
53	112C-08	TEE - (USE WITH ITEM 38)	2	
54	115B-2008	REDUCER	2	
55	50A-0616	BOLT	10	
56	14A-06	LOCKWASHER	10	
57	30A-06	NUT	10	
	16042	ACCUMULATOR CHARGING KIT - CONSISTS OF:	A.R.	
		PRESSURE GAUGE ADAPTER AIR CHUCK TANK VALVE BLEEDER VALVE } GAUGING HEAD ASSY.		
		SWIVEL FITTING HOSE COUPLING GLAND L.H. NUT } CHARGING HOSE ASSY.		
58		HYDRAULIC CYLINDER	REF.	SECT. 3 PAGE 6
59		HYDRAULIC MANIFOLD	REF.	SECT. 4 PAGE 8



ISSUE No.
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BLADE LIFT CIRCUIT - FIXED POINT

APRIL 1987

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EFFECTIVE SERIAL NUMBER(S) 16886, 16887, 16894 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2472-2 & UP

700 SERIES
SERIE 700

SECTION 3 PAGE 3
SECCION 3 PAGINA 3

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

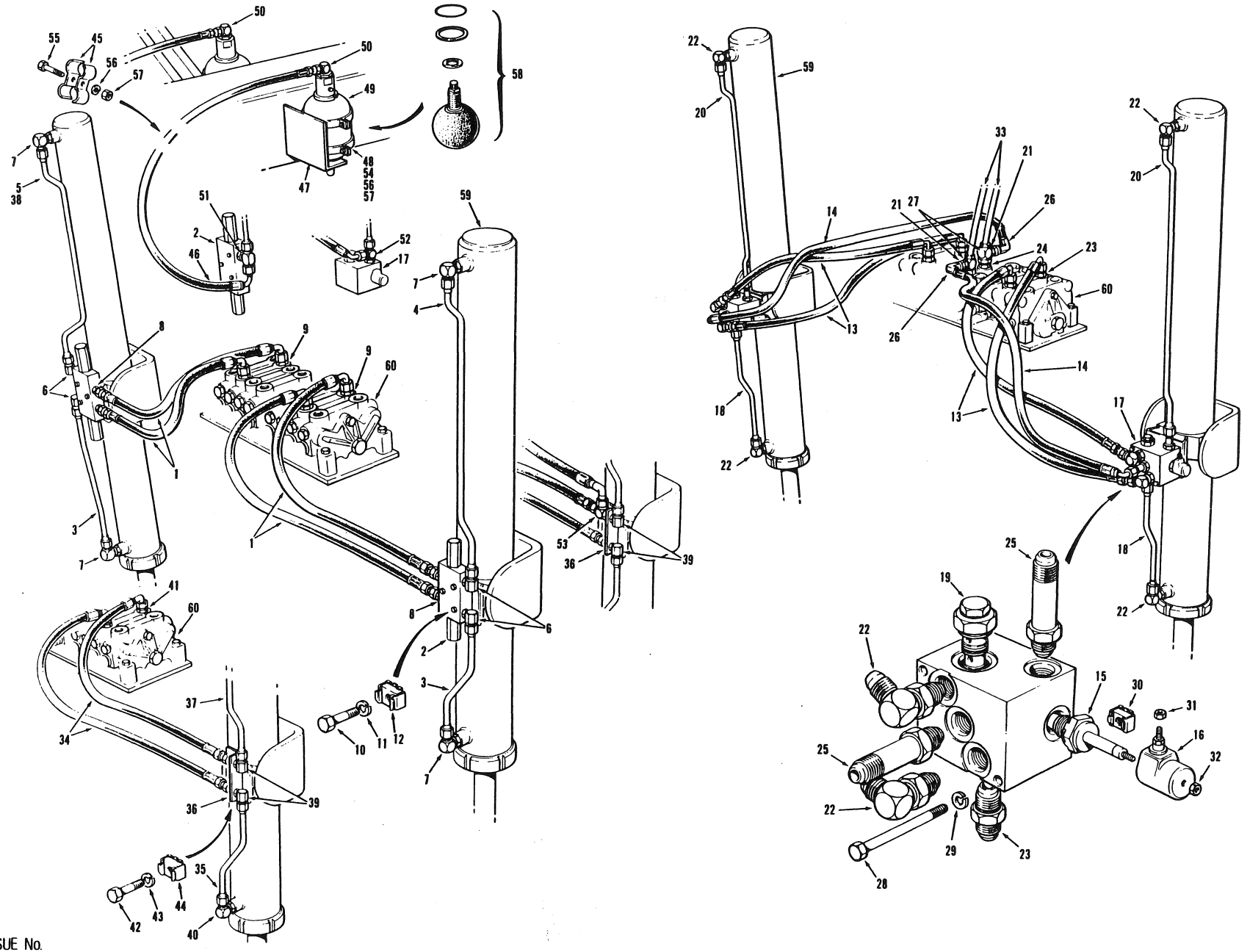
SECTION / SECCION 3 | PAGE / PAGINA 4 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 2 REVISION B

BLADE LIFT CIRCUIT - FIXED POINT

APRIL 1987

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CIRCUIT WITH COUNTERBALANCE VALVES - OPTIONAL ON MODEL 710 & 710A -		STANDARD 720 TO 780A
1	14382 X 38	HOSE	4	
2	27314	COUNTERBALANCE VALVE	2	
3	27507	TUBE	2	
4	42528	TUBE - R.H.	1	
5	42529	TUBE - L.H.	1	
6	111B-0806	CONNECTOR	4	
7	111B-0808	CONNECTOR	4	
8	111E-0806	CONNECTOR	4	
9	111E-0808	CONNECTOR	4	
10	50A-0414	BOLT	6	
11	14A-04	LOCKWASHER	6	
12	38A-0402	CAGE NUT	6	
	37215	SEAL KIT FOR 27314 COUNTERBALANCE VALVE	A.R.	
		BLADE LIFT CIRCUIT WITH FLOAT VALVES		OPTIONAL 710 TO 780A
13	14382 X 38	HOSE	4	
14	14382 X 42	HOSE	2	
15	19564	SOLENOID CARTRIDGE	4	
16	19625	COIL	4	
17	24743	FLOAT VALVE ASSY. - INCLUDES ITEMS 15,16,31 & 32	2	
18	27506	TUBE	2	
19	27549	CARTRIDGE	4	
20	42528	TUBE	2	
21	*110AH-0812	REDUCER	2	
22	111B-0808	CONNECTOR	8	
23	111E-0808	CONNECTOR	6	
24	111E-1212	CONNECTOR	2	
25	111F-0808	CONNECTOR	4	
26	*112B-08	CONNECTOR	2	
27	112C-12	TEE	2	
28	50A-0532	BOLT	4	
29	14A-05	LOCKWASHER	4	
30	38A-0502	CAGE NUT	4	
31	32A-08	NUT	4	
32	33E-10	BRASS NUT	4	
	27548	SEAL KIT FOR 24743 FLOAT VALVE	A.R.	
33		PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		BLADE LIFT CIRCUIT WITHOUT FLOAT VALVES - OPTIONAL ON MODEL 720 THRU 780A -		STANDARD 710 & 710A
34	14382 X 38	HOSE	4	
35	27507	TUBE	2	
36	40974	BRACKET	2	
37	42528	TUBE - R.H.	1	
38	42529	TUBE - L.H.	1	
39	110W-08	BULKHEAD CONNECTOR	4	
40	111B-0808	CONNECTOR	4	
41	111E-0808	CONNECTOR	4	
42	50A-0406	BOLT	4	
43	14A-04	LOCKWASHER	4	
44	38A-0402	CAGE NUT	4	
		ACCUMULATORS		
45	1008	CLAMP	4	
46	14382 X 52	HOSE	2	
47	15754	BRACKET	2	
48	15755	BAND	2	
49	37048	ACCUMULATOR	2	
50	110R-0808	CONNECTOR	2	
51	*111E-0806	TEE - (USE WITH ITEM 2)	2	
52	*111E-0808	TEE - (USE WITH ITEM 17)	2	
53	112C-08	TEE	2	
54	115B-2008	REDUCER	2	
55	50A-0616	BOLT	10	
56	14A-06	LOCKWASHER	10	
57	30A-06	NUT	10	
	16042	ACCUMULATOR CHARGING KIT - CONSISTS OF:	A.R.	
		PRESSURE GAUGE, ADAPTER, AIR CHUCK, TANK VALVE, BLEEDER VALVE } GAUGING HEAD ASSY.		
		SWIVEL FITTING, HOSE, COUPLING, GLAND, L.H. NUT } CHARGING HOSE ASSY.		
58	37046	ACCUMULATOR BLADDER KIT - CONSISTS OF: O RING, RETAINING RING, SEAL & BLADDER	1	
59		HYDRAULIC CYLINDER	REF.	SECTION 3 PAGE 6
60		HYDRAULIC MANIFOLD	REF.	SECTION 4 PAGE 8



BLADE LIFT CIRCUIT - FIXED POINT

ISSUE No.
Nº D'ÉMISSION
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SEPTEMBER 1987

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EFFECTIVE SERIAL NUMBER(S) 18362 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. NUMBERS NOT APPLICABLE

700 SERIES
SERIE 700

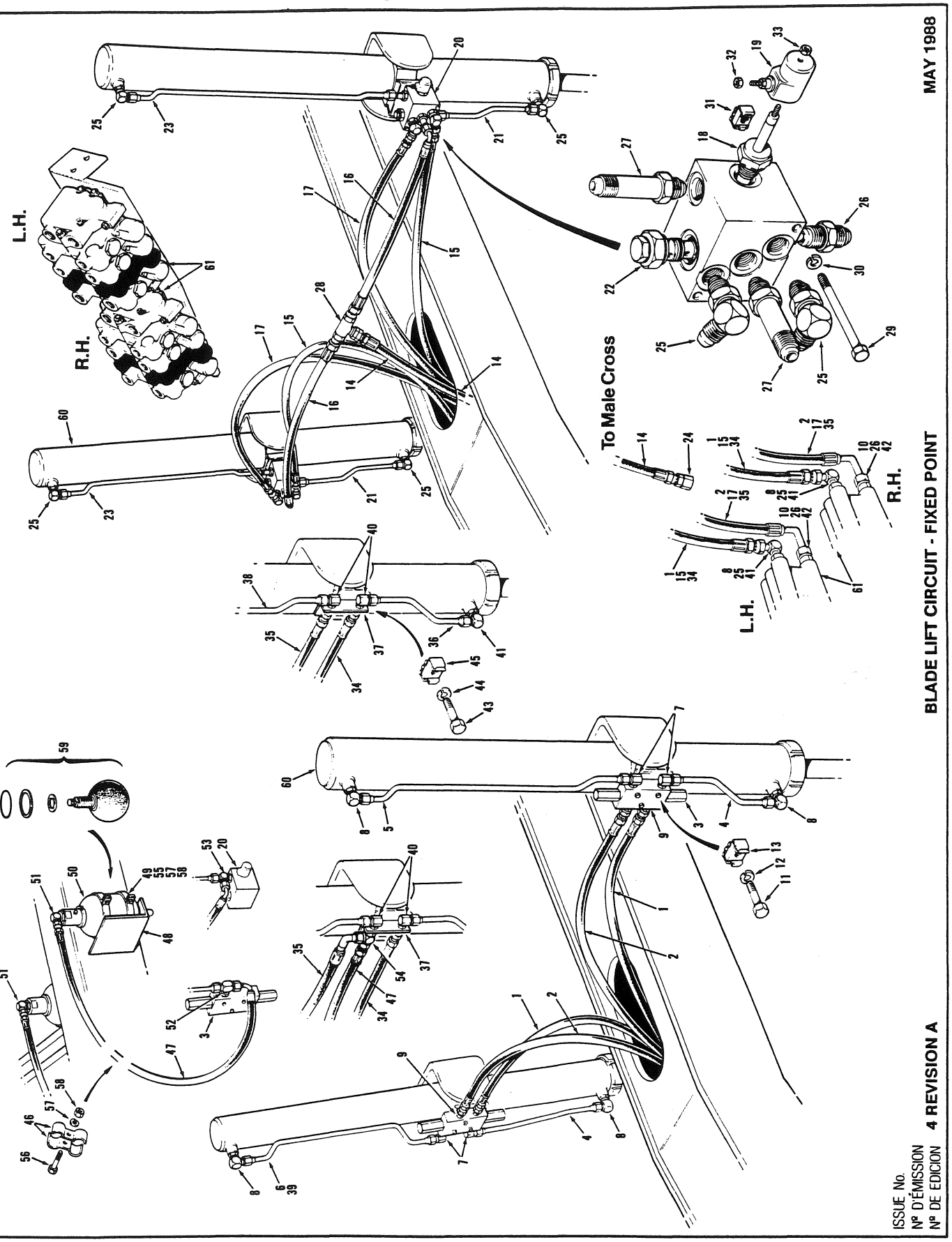
SECTION 3 PAGE 3
SECCION 3 PAGINA 3

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		CIRCUIT WITH COUNTERBALANCE VALVES - OPTIONAL ON MODEL 710 & 710A -		STANDARD 720 TO 780A
1	14382 X 38	HOSE	4	
2	27314	COUNTERBALANCE VALVE	2	
3	27507	TUBE	2	
4	42528	TUBE - R.H.	1	
5	42529	TUBE - L.H.	1	
6	111B-0806	CONNECTOR	4	
7	111B-0808	CONNECTOR	4	
8	111E-0806	CONNECTOR	4	
9	111E-0808	CONNECTOR	4	
10	50A-0414	BOLT	6	
11	14A-04	LOCKWASHER	6	
12	38A-0402	CAGE NUT	6	
	37215	SEAL KIT FOR 27314 COUNTERBALANCE VALVE	A.R.	
		BLADE LIFT CIRCUIT WITH FLOAT VALVES		OPTIONAL 710 TO 780A
13	14382 X 38	HOSE	4	
14	14382 X 42	HOSE	2	
15	19564	SOLENOID CARTRIDGE	4	
16	19625	COIL	4	
17	24743	FLOAT VALVE ASSY. - INCLUDES ITEMS 15,16,31 & 32	2	
18	27506	TUBE	2	
19	27549	CARTRIDGE	4	
20	42528	TUBE	2	
21	110AH-0812	REDUCER	2	
22	111B-0808	CONNECTOR	8	
23	111E-0808	CONNECTOR	6	
24	111E-1212	CONNECTOR	2	
25	111F-0808	CONNECTOR	4	
26	112B-08	CONNECTOR	2	
27	112C-12	TEE	2	
28	50A-0532	BOLT	4	
29	14A-05	LOCKWASHER	4	
30	38A-0502	CAGE NUT	4	
31	32A-08	NUT	4	
32	33E-10	BRASS NUT	4	
	27548	SEAL KIT FOR 24743 FLOAT VALVE	A.R.	
33		PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		BLADE LIFT CIRCUIT WITHOUT FLOAT VALVES - OPTIONAL ON MODEL 720 THRU 780A -		STANDARD 710 & 710A
34	14382 X 38	HOSE	4	
35	27507	TUBE	2	
36	40974	BRACKET	2	
37	42528	TUBE - R.H.	1	
38	42529	TUBE - L.H.	1	
39	110W-08	BULKHEAD CONNECTOR	4	
40	111B-0808	CONNECTOR	4	
41	111E-0808	CONNECTOR	4	
42	50A-0406	BOLT	4	
43	14A-04	LOCKWASHER	4	
44	38A-0402	CAGE NUT	4	
		ACCUMULATORS		
45	1008	CLAMP	4	
46	14382 X 52	HOSE	2	
47	15754	BRACKET	2	
48	15755	BAND	2	
49	*45807	ACCUMULATOR	2	
50	*111B-0820	CONNECTOR	2	
51	*111C-0806	TEE - (USE WITH ITEM 2)	2	
52	*111D-0808	TEE - (USE WITH ITEM 17)	2	
53	112C-08	TEE	2	
54	*50A-0612	BOLT	4	
55	50A-0616	BOLT	10	
56	14A-06	LOCKWASHER	10	
57	30A-06	NUT	10	
	16042	ACCUMULATOR CHARGING KIT - CONSISTS OF:	A.R.	
		PRESSURE GAUGE, ADAPTER, AIR CHUCK, TANK VALVE, BLEEDER VALVE } GAUGING HEAD ASSY.		
		SWIVEL FITTING, HOSE, COUPLING, GLAND, L.H. NUT } CHARGING HOSE ASSY.		
58	*46266	ACCUMULATOR BLADDER KIT - CONSISTS OF: O RING, RETAINING RING, SEAL & BLADDER	1	
59		HYDRAULIC CYLINDER	REF.	SECTION 3 PAGE 6
60		HYDRAULIC MANIFOLD	REF.	SECTION 4 PAGE 8

CHAMPION ROAD MACHINERY



BLADE LIFT CIRCUIT - FIXED POINT

MAY 1988

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4 REVISION A

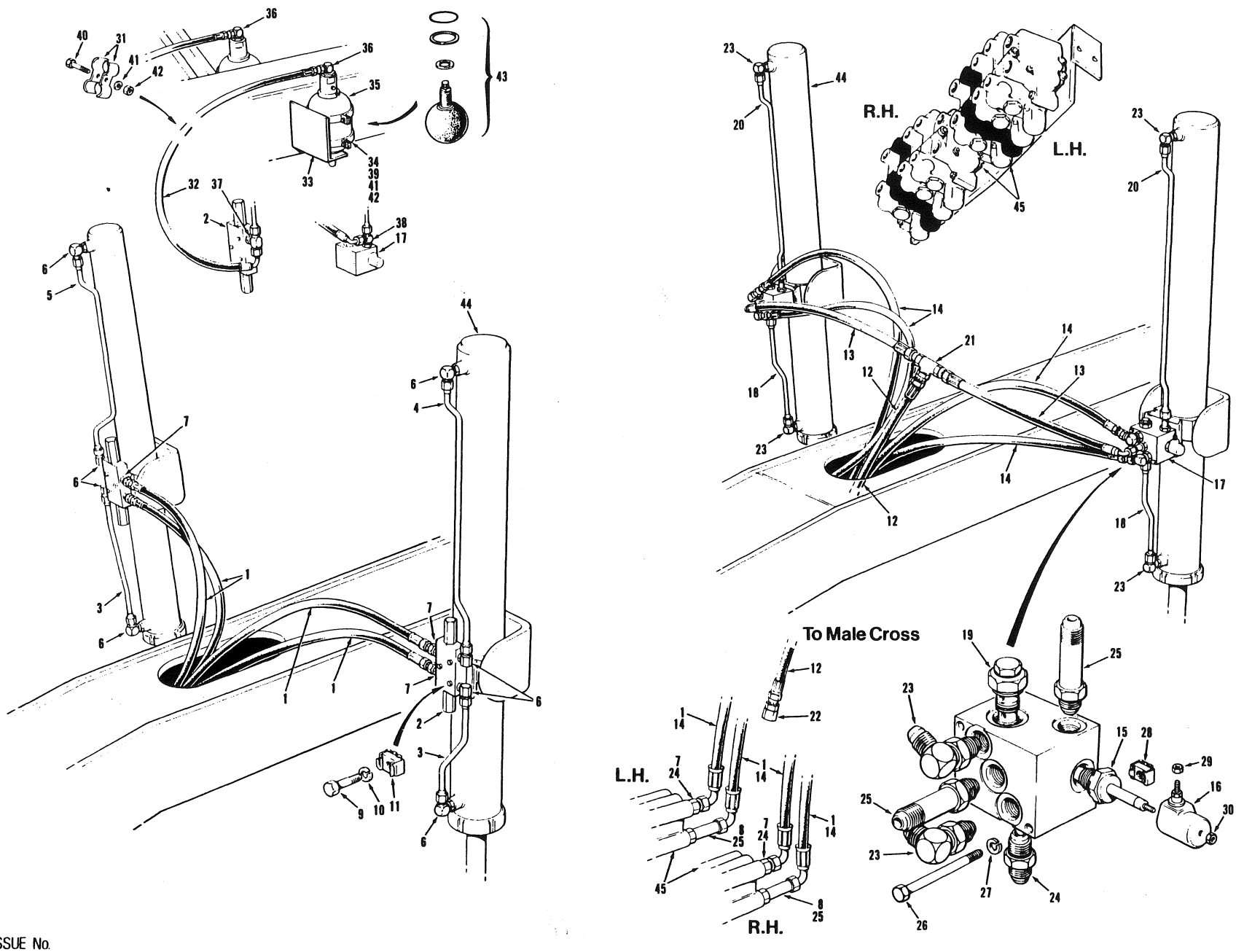
FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VEA AL VERSO

EFFECTIVE SERIAL NUMBER(S) 18578, 18590, 18592 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		CIRCUIT WITH COUNTERBALANCE VALVES - OPTIONAL ON MODEL 710 & 710A -		STANDARD 720 TO 780A
1	9313 X 115	HOSE	2	
2	14382 X 115	HOSE	2	
3	34951	COUNTERBALANCE VALVE	2	
4	27507	TUBE	2	
5	42528	TUBE - R.H.	1	
6	42529	TUBE - L.H.	1	
7	111B-0806	CONNECTOR	4	
8	111B-0808	CONNECTOR	6	
9	111E-0806	CONNECTOR	4	
10	111E-0808	CONNECTOR	4	
11	50A-0414	BOLT	6	
12	14A-04	LOCKWASHER	6	
13	38A-0402	CAGE NUT	6	
	23712	SEAL KIT FOR 34951 COUNTERBALANCE VALVE	A.R.	
		BLADE LIFT CIRCUIT WITH FLOAT VALVES		OPTIONAL 710 TO 780A
14	9313 X 88	HOSE	1	
15	9313 X 115	HOSE	2	
16	14382 X 36	HOSE	2	
17	14382 X 115	HOSE	2	
18	*46665	SOLENOID CARTRIDGE	4	
19	*46667	COIL	4	
20	*46668	FLOAT VALVE ASSY. - INCLUDES ITEMS 18,19,32 & 33	2	
21	27506	TUBE	2	
22	27549	CARTRIDGE	4	
23	42528	TUBE	2	
24	110AH-0812	REDUCER	2	
25	111B-0808	CONNECTOR	10	
26	111E-0808	CONNECTOR	6	
27	111F-0808	CONNECTOR	4	
28	112D-08	CONNECTOR	1	
29	50A-0532	BOLT	4	
30	14A-05	LOCKWASHER	4	
31	38A-0502	CAGE NUT	4	
32	32A-08	NUT	4	
33	33E-10	BRASS NUT	4	
	27548	SEAL KIT FOR 46668 FLOAT VALVE	A.R.	

No. / Nº / Nº	PART No. / Nº DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		BLADE LIFT CIRCUIT WITHOUT FLOAT VALVES - OPTIONAL ON MODEL 720 THRU 780A -		STANDARD 710 & 710A
34	9313 X 115	HOSE	2	
35	14382 X 115	HOSE	2	
36	27507	TUBE	2	
37	40974	BRACKET	2	
38	42528	TUBE - R.H.	1	
39	42529	TUBE - L.H.	1	
40	110W-08	BULKHEAD CONNECTOR	4	
41	111B-0808	CONNECTOR	4	
42	111E-0808	CONNECTOR	2	
43	50A-0406	BOLT	4	
44	14A-04	LOCKWASHER	4	
45	38A-0402	CAGE NUT	4	
		ACCUMULATORS		
46	1008	CLAMP	4	
47	14382 X 52	HOSE	2	
48	15754	BRACKET	2	
49	15755	BAND	2	
50	45807	ACCUMULATOR	2	
51	111B-0820	CONNECTOR	2	
52	111C-0806	TEE - (USE WITH ITEM 3)	2	
53	111D-0808	TEE - (USE WITH ITEM 20)	2	
54	112C-08	TEE	2	
55	50A-0612	BOLT	4	
56	50A-0616	BOLT	10	
57	14A-06	LOCKWASHER	10	
58	30A-06	NUT	10	
	16042	ACCUMULATOR CHARGING KIT - CONSISTS OF:	A.R.	
		PRESSURE GAUGE, ADAPTER, AIR CHUCK, TANK VALVE, BLEEDER VALVE } GAUGING HEAD ASSY.		
		SWIVEL FITTING, HOSE, COUPLING, GLAND, L.H. NUT } CHARGING HOSE ASSY.		
59	46265	ACCUMULATOR BLADDER KIT - CONSISTS OF: O RING, RETAINING RING, SEAL & BLADDER	1	
60		HYDRAULIC CYLINDER	REF.	SECTION 3 PAGE 6
61		HYDRAULIC MANIFOLD	REF.	SECTION 4 PAGE 8



EFFECTIVE SERIAL NUMBER(S) 19292 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 3 PAGE 3
SECCION 3 PAGINA 3

ISSUE No.
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Nº DE EDICION 5

BLADE LIFT CIRCUIT - FIXED POINT

SEPTEMBER 1988

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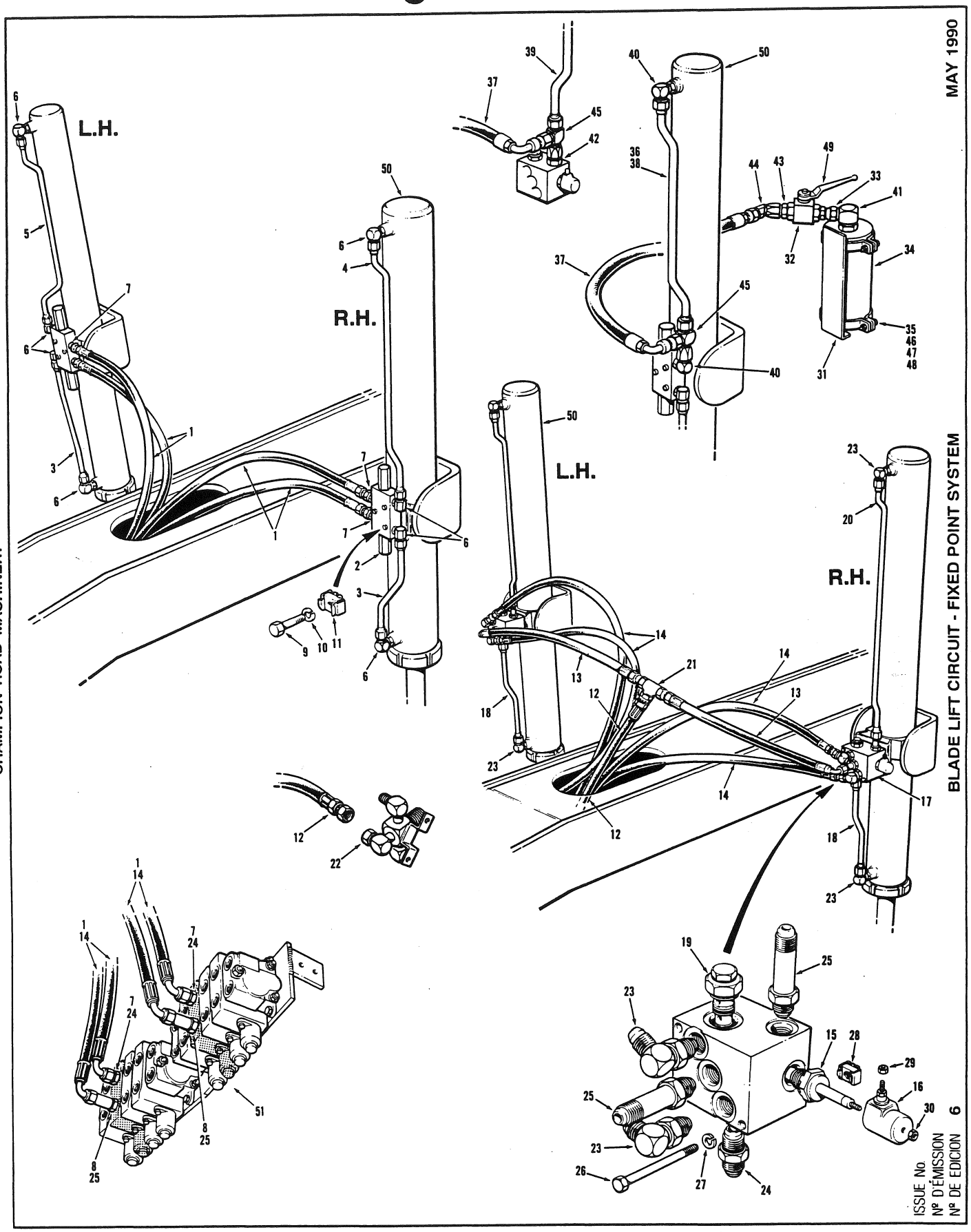
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

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BLADE LIFT CIRCUIT - FIXED POINT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CIRCUIT WITH COUNTERBALANCE VALVES		STANDARD 710 TO 780A
1	14382 X 115	HOSE	4	
2	34951	COUNTERBALANCE VALVE	2	
3	27507	TUBE	2	
4	42528	TUBE - R.H.	1	
5	42529	TUBE - L.H.	1	
6	111B-0808	CONNECTOR	8	
7	111E-0808	CONNECTOR	6	
8	*111F-0808	CONNECTOR	2	
9	50A-0414	BOLT	6	
10	14A-04	LOCKWASHER	6	
11	38A-0402	CAGE NUT	6	
	23712	SEAL KIT FOR 34951 COUNTERBALANCE VALVE	A.R.	
		BLADE LIFT CIRCUIT WITH FLOAT VALVES		OPTIONAL 710 TO 780A
12	9313 X 88	HOSE	1	
13	14382 X 36	HOSE	2	
14	14382 X 115	HOSE	4	
15	46665	SOLENOID CARTRIDGE	4	
16	46667	COIL	4	
17	46668	FLOAT VALVE ASSY. - INCLUDES ITEMS 15,16,29 & 30	2	
18	27506	TUBE	2	
19	27549	CARTRIDGE	4	
20	42528	TUBE	2	
21	*110AA-08	CONNECTOR	1	
22	110AH-0812	REDUCER	1	
23	111B-0808	CONNECTOR	8	
24	111E-0808	CONNECTOR	4	
25	111F-0808	CONNECTOR	6	
26	50A-0532	BOLT	4	
27	14A-05	LOCKWASHER	4	
28	38A-0502	CAGE NUT	4	
29	32A-08	NUT	4	
30	33E-10	BRASS NUT	4	
	27548	SEAL KIT FOR 46668 FLOAT VALVE	A.R.	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		ACCUMULATORS		STANDARD 750 TO 780A
		OPTIONAL 710 TO 740A		
31	1008	CLAMP	4	
32	14382 X 52	HOSE	2	
33	15754	BRACKET	2	
34	15755	BAND	2	
35	45807	ACCUMULATOR	2	
36	111B-0820	CONNECTOR	2	
37	111C-0806	TEE - (USE WITH ITEM 2)	2	
38	111D-0808	TEE - (USE WITH ITEM 17)	2	
39	50A-0612	BOLT	4	
40	50A-0616	BOLT	10	
41	14A-06	LOCKWASHER	10	
42	30A-06	NUT	10	
	16042	ACCUMULATOR CHARGING KIT - CONSISTS OF:	A.R.	
		PRESSURE GAUGE ADAPTER AIR CHUCK TANK VALVE BLEEDER VALVE } GAUGING HEAD ASSY.		
		SWIVEL FITTING HOSE COUPLING GLAND L.H. NUT } CHARGING HOSE ASSY.		
43	46266	ACCUMULATOR BLADDER KIT - CONSISTS OF: O RING, RETAINING RING, SEAL & BLADDER	1	
44		HYDRAULIC CYLINDER	REF.	SECTION 3 PAGE 6
45		HYDRAULIC MANIFOLD	REF.	SECTION 4 PAGE 8



CHAMPION ROAD MACHINERY

MAY 1990

BLADE LIFT CIRCUIT - FIXED POINT SYSTEM

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
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EFFECTIVE SERIAL NUMBER(S) 20493 to 20505, 20511, 20514,
NUMERO(S) DE SÉRIE EFFECTIF(S) 20566, 20602 to 20614,20621,
NUMERO(S) DE SERIE EFECTIVO(S) 20626, 20681, 20710 & UP

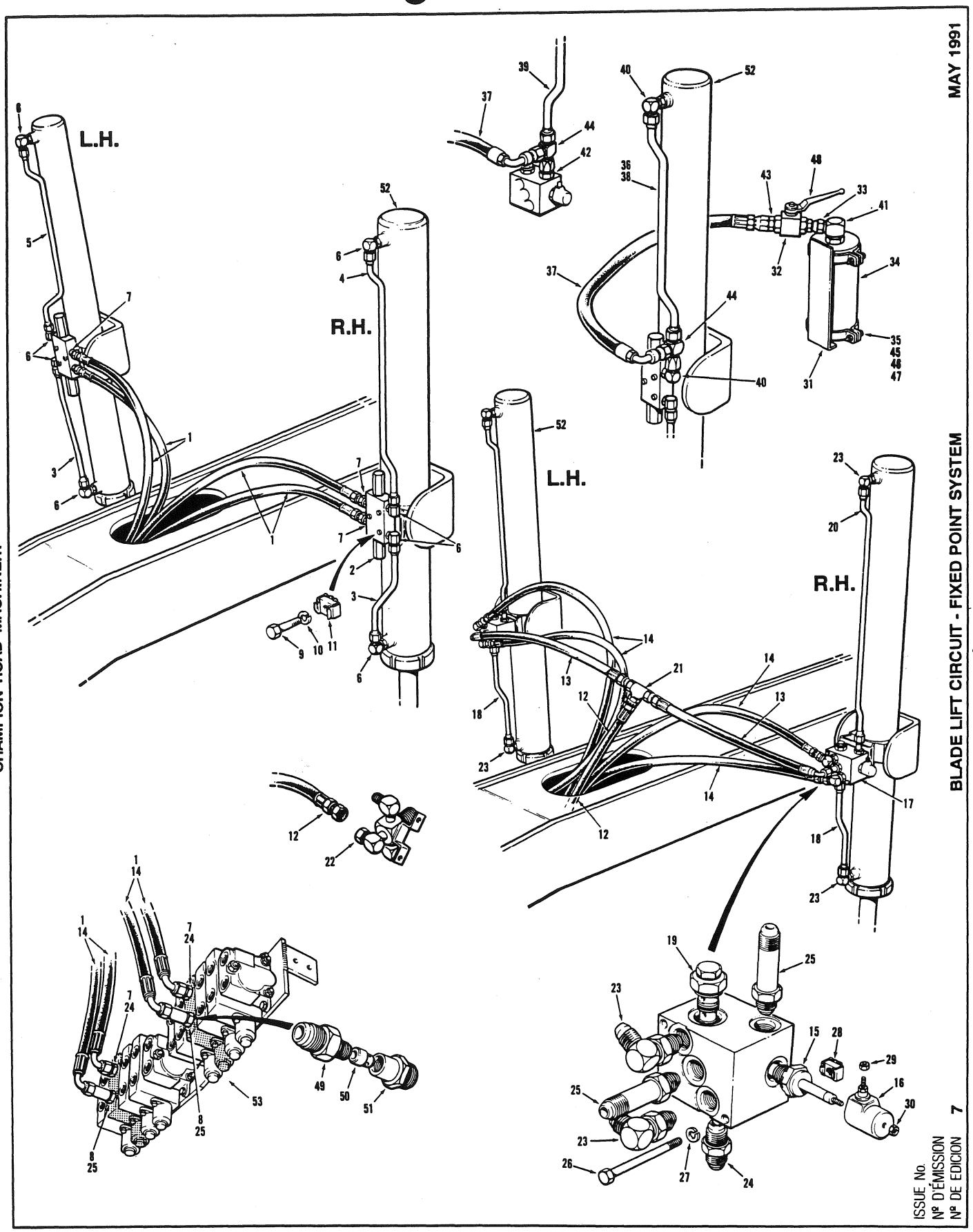
700 SERIES
SERIE 700

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BLADE LIFT CIRCUIT - FIXED POINT SYSTEM

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CIRCUIT WITH COUNTERBALANCE VALVES		STANDARD 710 thru780A
1	14382 x 115	HOSE	4	
2	34951	COUNTERBALANCE VALVE	2	
	23712	SEAL KIT FOR 34951 - COUNTERBALANCE VALVE	1 ea.	
3	27507	TUBE	2	
4	42528	TUBE - R.H.	1	
5	42529	TUBE - L.H.	1	
6	111B-0808	CONNECTOR	8	
7	111E-0808	CONNECTOR	6	
8	111F-0808	CONNECTOR	2	
9	50A-0414	BOLT	6	
10	14A-04	LOCKWASHER	6	
11	38A-0402	CAGE NUT	6	
		BLADE LIFT CIRCUIT WITH FLOAT VALVES		OPTIONAL 710 thru 780A
12	*9313 x 90	HOSE	1	
13	*14382 x 40	HOSE	2	
14	14382 x 115	HOSE	4	
15	46665	SOLENOID CARTRIDGE	4	
16	46667	COIL	4	
17	46668	FLOAT VALVE ASSEMBLY - INCLUDES ITEMS 15, 16, 19, 29 & 30	2	
	27548	SEAL KIT FOR 46668 - FLOAT VALVE	1 ea.	
18	27506	TUBE	2	
19	27549	CARTRIDGE	4	
20	42528	TUBE	2	
21	110AA-08	CONNECTOR	1	
22	110AH-0812	REDUCER	1	
23	111B-0808	CONNECTOR	8	
24	111E-0808	CONNECTOR	4	
25	111F-0808	CONNECTOR	6	
26	50A-0532	BOLT	4	
27	14A-05	LOCKWASHER	4	
28	38A-0502	CAGE NUT	4	
29	32A-08	NUT	4	
30	33E-10	BRASS NUT	4	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		ACCUMULATORS		
31	*54883	BRACKET	2	REPAIR PART
32	*54911	VALVE	2	
33	*54912	CONNECTOR	2	
34	*54913	ACCUMULATOR	2	
	*56473	SEAL KIT FOR 54913 - ACCUMULATOR, CONSISTS OF: O RING 1, SEAL RING 1, SQ. SEAL RING 2, PISTON RING 2	1 ea.	
	*56475	CHARGING KIT	1	
	*56474	GAUGE FOR CHARGING KIT		
35	*55029	CLAMP	4	
36	*55092	TUBE - R.H. - USE WITH ITEM 2	1	
37	*55105 x 50	HOSE	2	
38	*55117	TUBE - L.H. - USE WITH ITEM 2	1	
39	*55253	TUBE - USE WITH ITEM 17	2	
40	*111B-1208	CONNECTOR	4	
41	*111B-1220	CONNECTOR	2	
42	*111E-1208	CONNECTOR	2	
43	*111E-1212	CONNECTOR	2	
44	*112A-12	CONNECTOR	2	
45	*112C-12	TEE	2	
46	*50A-0612	BOLT	8	
47	14A-06	LOCKWASHER	8	
48	30A-06	NUT	8	
49	*56874	HANDLE	2	
50		HYDRAULIC CYLINDER	REF.	SECT. 3 PG. 6
51		HYDRAULIC MANIFOLD	REF.	SECT. 4 PG. 8



CHAMPION ROAD MACHINERY

BLADE LIFT CIRCUIT - FIXED POINT SYSTEM

MAY 1991

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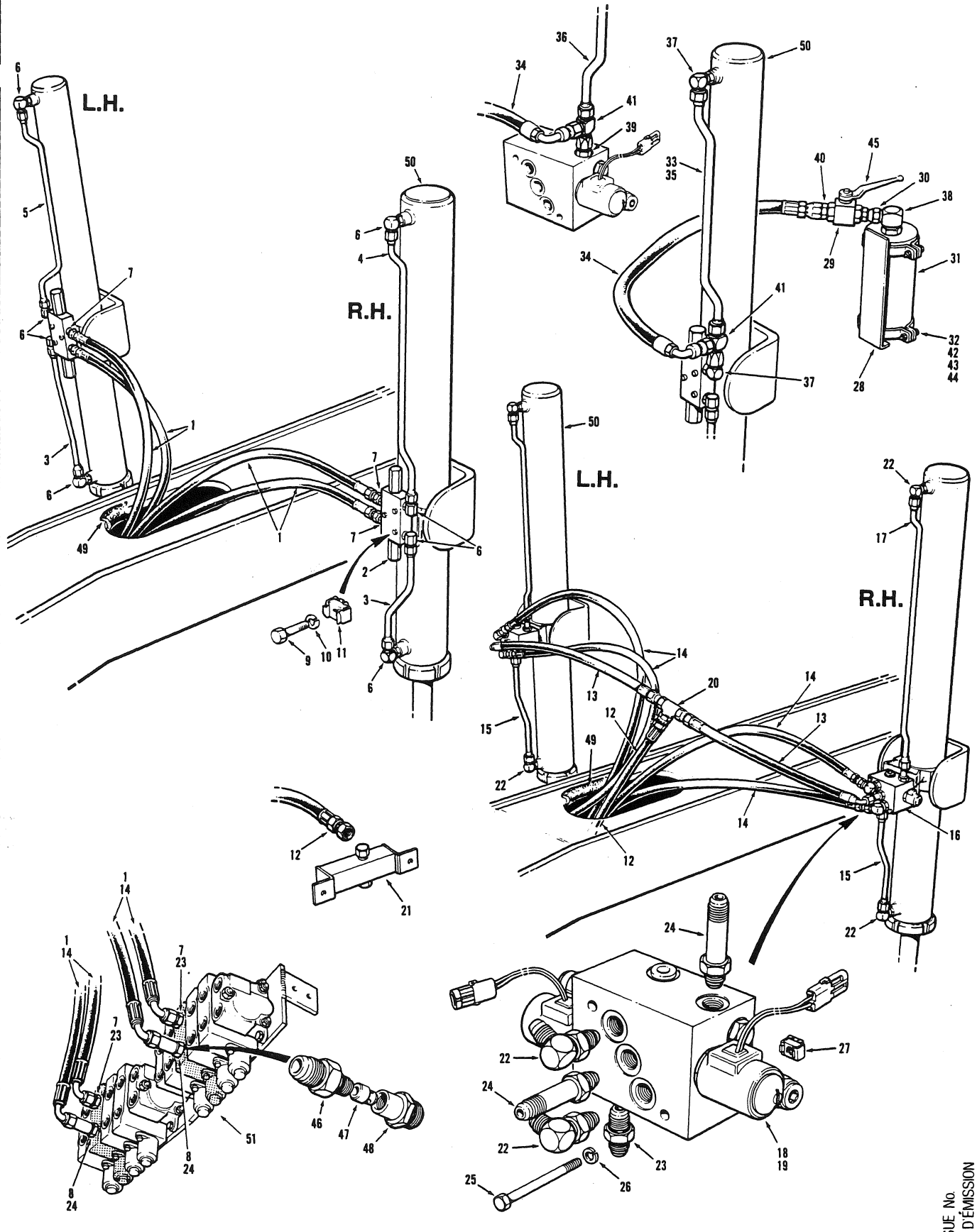
EFFECTIVE SERIAL NUMBER(S) 21254 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

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BLADE LIFT CIRCUIT - FIXED POINT SYSTEM

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		CIRCUIT WITH COUNTERBALANCE VALVES		STANDARD 710 thru780A
1	*14382 x 123	HOSE	4	
2	34951	COUNTERBALANCE VALVE	2	
	23712	SEAL KIT FOR 34951 - COUNTERBALANCE VALVE	1 ea.	
3	27507	TUBE	2	
4	42528	TUBE - R.H.	1	
5	42529	TUBE - L.H.	1	
6	111B-0808	CONNECTOR	8	
7	111E-0808	CONNECTOR	6	
8	111F-0808	CONNECTOR	2	
9	50A-0414	BOLT	6	
10	14A-04	LOCKWASHER	6	
11	38A-0402	CAGE NUT	6	
		BLADE LIFT CIRCUIT WITH FLOAT VALVES		OPTIONAL 710 thru 780A
12	9313 x 90	HOSE	1	
13	14382 x 40	HOSE	2	
14	*14382 x 123	HOSE	4	
15	46665	SOLENOID CARTRIDGE	4	
16	46667	COIL	4	
17	46668	FLOAT VALVE ASSEMBLY - INCLUDES ITEMS 15, 16, 19, 29 & 30	2	
	27548	SEAL KIT FOR 46668 - FLOAT VALVE	1 ea.	
18	27506	TUBE	2	
19	27549	CARTRIDGE	4	
20	42528	TUBE	2	
21	110AA-08	CONNECTOR	1	
22	110AH-0812	REDUCER	1	
23	111B-0808	CONNECTOR	8	
24	111E-0808	CONNECTOR	2 or 4	
25	111F-0808	CONNECTOR	4 or 6	
26	50A-0532	BOLT	4	
27	14A-05	LOCKWASHER	4	
28	38A-0502	CAGE NUT	4	
29	32A-08	NUT	4	
30	33E-10	BRASS NUT	4	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		ACCUMULATORS		
31	54883	BRACKET	2	REPAIR PART
32	54911	VALVE	2	
33	54912	CONNECTOR	2	
34	54913	ACCUMULATOR	2	
	56473	SEAL KIT FOR 54913 - ACCUMULATOR, CONSISTS OF: O-RING 1, SEAL RING 1, SQ. SEAL RING 2, PISTON RING 2	1 ea.	
	56475	CHARGING KIT	1	
	56474	GAUGE FOR CHARGING KIT		
35	55029	CLAMP	4	
36	55092	TUBE - R.H. - USE WITH ITEM 2	1	
37	55105 x 50	HOSE	2	
38	55117	TUBE - L.H. - USE WITH ITEM 2	1	
39	55253	TUBE - USE WITH ITEM 17	2	
40	111B-1208	CONNECTOR	4	
41	111B-1220	CONNECTOR	2	
42	111E-1208	CONNECTOR	2	
43	111E-1212	CONNECTOR	2	
44	*112C-12	TEE	2	
45	50A-0612	BOLT	8	
46	14A-06	LOCKWASHER	8	
47	30A-06	NUT	8	
48	56874	HANDLE	2	
49	*48552	ADAPTOR	1	
50	*49368	RESTRICTOR	1	
51	*49369	BODY	1	
52		HYDRAULIC CYLINDER	REF.	Sect 3 Pg 6
53		HYDRAULIC MANIFOLD	REF.	Sect 4 Pg 8



CHAMPION RO... MACHINERY

MARCH 1992

BLADE LIFT CIRCUIT - FIXED POINT SYSTEM

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
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EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S) 22132 & UP

700 SERIES
SERIE 700

SECTION 3 PAGE 3
SECCION PAGINA

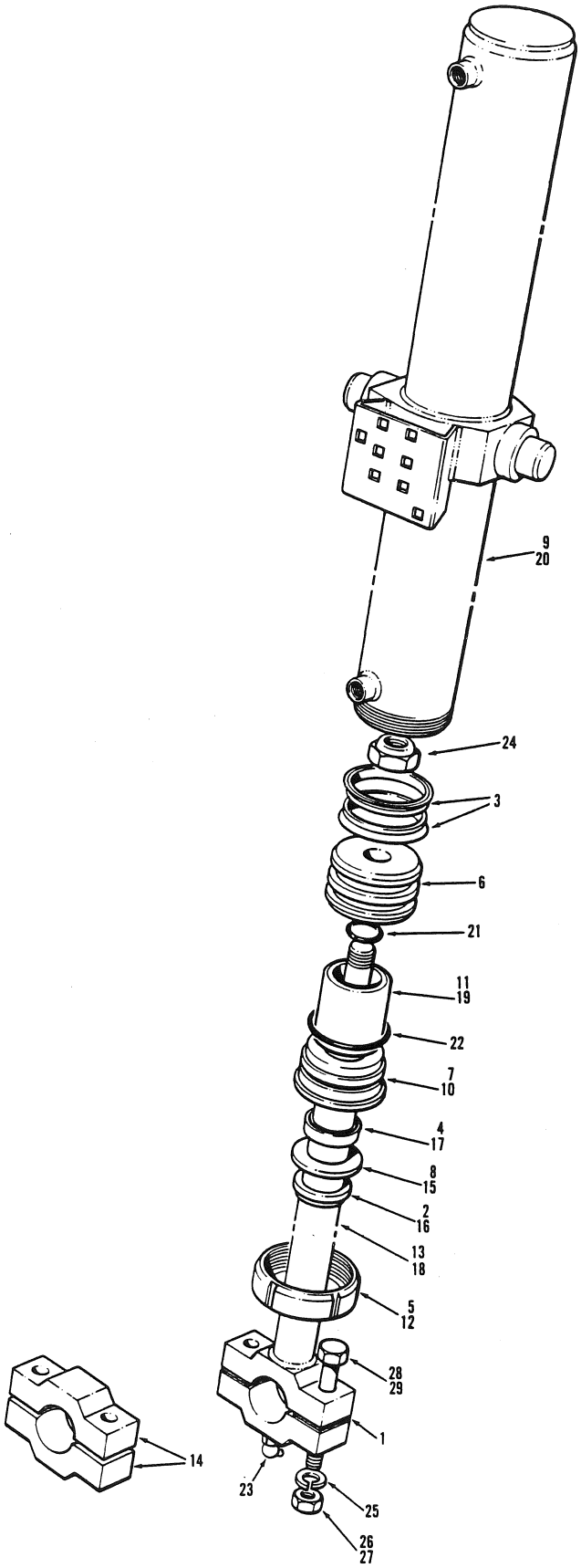
FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

BLADE LIFT CIRCUIT - FIXED POINT SYSTEM

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CIRCUIT WITH COUNTERBALANCE VALVES		STANDARD 710 thru780A
1	14382 x 123	HOSE	4	
2	34951	COUNTERBALANCE VALVE	2	
	23712	SEAL KIT FOR 34951 - COUNTERBALANCE VALVE	1 ea.	
3	27507	TUBE	2	
4	42528	TUBE - R.H.	1	
5	42529	TUBE - L.H.	1	
6	111B-0808	CONNECTOR	8	
7	111E-0808	CONNECTOR	6	
8	111F-0808	CONNECTOR	2	
9	50A-0414	BOLT	6	
10	14A-04	LOCKWASHER	6	
11	38A-0402	CAGE NUT	6	
		BLADE LIFT CIRCUIT WITH FLOAT VALVES		OPTIONAL 710 thru 780A
12	9313 x 90	HOSE	1	
13	14382 x 40	HOSE	2	
14	14382 x 123	HOSE	4	
15	*62099	TUBE	2	
16	*62100	FLOAT VALVE ASSEMBLY - INCLUDES ITEMS 18 & 19	2	
17	*62376	TUBE	2	
18	*63072	SOLENOID CARTRIDGE	4	
	*63075	SEAL KIT FOR 63072 - SOLENOID CARTRIDGE	1 ea.	
19	*66121	COIL	4	
20	110AA-08	CONNECTOR	1	
21	*59542	MANIFOLD	1	
22	111B-0808	CONNECTOR	8	
23	111E-0808	CONNECTOR	2 or 4	
24	111F-0808	CONNECTOR	4 or 6	
25	50A-0532	BOLT	4	
26	14A-05	LOCKWASHER	4	
27	38A-0502	CAGE NUT	4	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		ACCUMULATORS		
28	54883	BRACKET	2	
29	54911	VALVE	2	
30	54912	CONNECTOR	2	
31	54913	ACCUMULATOR	2	
	56473	SEAL KIT FOR 54913 - ACCUMULATOR, CONSISTS OF: O-RING 1, SEAL RING 1, SQ. SEAL RING 2, PISTON RING 2	1 ea.	
	56475	CHARGING KIT	1	
	56474	GAUGE FOR CHARGING KIT		
32	55029	CLAMP	4	
33	55092	TUBE - R.H. - USE WITH ITEM 2	1	
34	55105 x 50	HOSE	2	
35	55117	TUBE - L.H. - USE WITH ITEM 2	1	
36	55253	TUBE - USE WITH ITEM 16	2	
37	111B-1208	CONNECTOR	4	
38	111B-1220	CONNECTOR	2	
39	111E-1208	CONNECTOR	2	
40	111E-1212	CONNECTOR	2	
41	112C-12	TEE	2	
42	50A-0612	BOLT	8	
43	14A-06	LOCKWASHER	8	
44	30A-06	NUT	8	
45	56874	HANDLE	2	
46	48552	ADAPTOR	2	
47	49368	RESTRICTOR	2	
48	49369	BODY	2	
49	*17539 x 36	HOSE PROTECTOR	1	
50		BLADE LIFT CYLINDERS	REF.	Sect 3 Pg 5
51		MANIFOLD VALVE ASSEMBLY	REF.	Sect 4 Pg 7

CHAMPION ROAD MACHINERY



BLADE LIFT CYLINDERS

FEBRUARY 1986

ISSUE No.
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EFFECTIVE SERIAL NUMBER(S) 16224, 16245 TO 16805
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 TO 2419-2

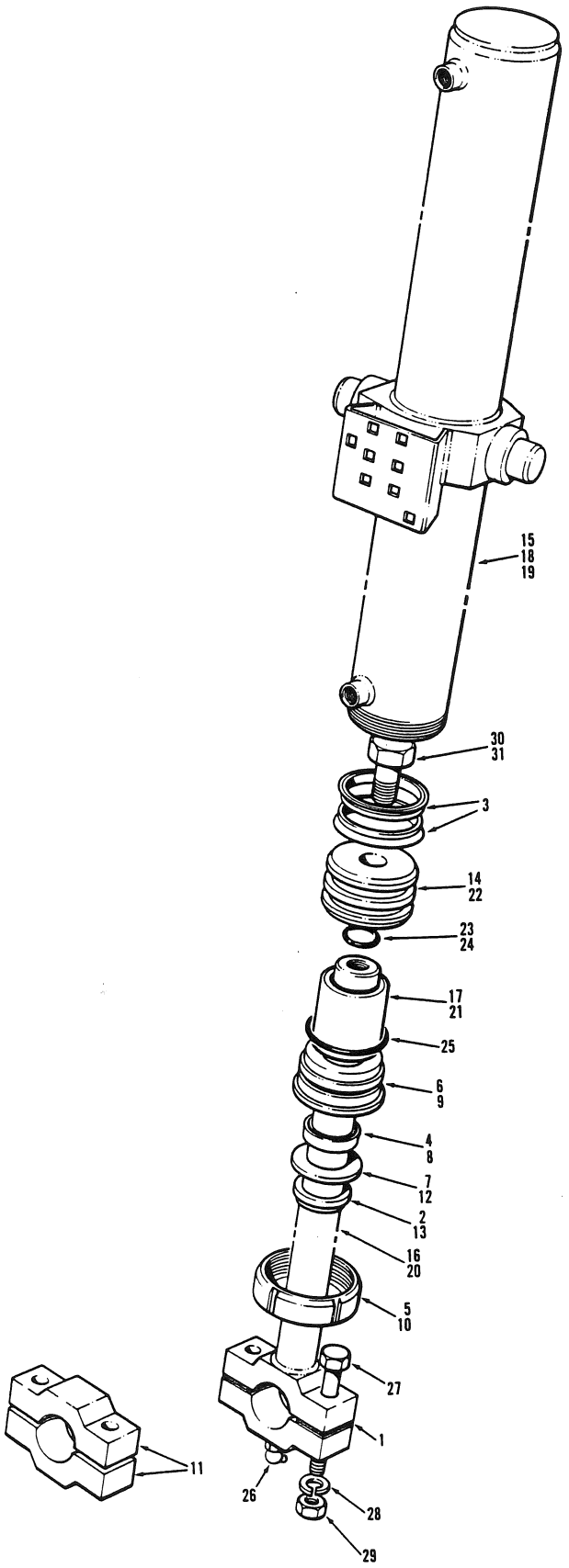
700 SERIES
SERIE 700

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BLADE LIFT CYLINDERS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	36473	STANDARD DUTY BLADE LIFT CYLINDER ASSY. - LIGHT WALL - INCLUDES ITEMS 1 TO 8,18 TO 26 & 28		STANDARD ON 710 THRU 740A
	36009	STANDARD DUTY BLADE LIFT CYLINDER ASSY. - HEAVY WALL - INCLUDES ITEMS 1 TO 9,18,19, 21 TO 26 & 28		STANDARD ON 760 OPTIONAL ON 720 THRU 740A
	35779	HEAVY DUTY BLADE LIFT CYLINDER ASSY. - INCLUDES ITEMS 1 TO 3,6,9 TO 13,15 TO 17, 21 TO 25,27 & 29		OPTIONAL ON 740, 740A & 760
1	872	SHIM	6	
2	12035	ROD WIPER	1	
3	12036	PISTON SEAL	2	
4	12037	ROD SEAL	1	
5	17608	CYLINDER NUT	1	
6	17609	PISTON	1	
7	17610	GLAND	1	
8	17614	BACK-UP WASHER	1	
9	26880	BARREL - HEAVY WALL	1	
10	35774	GLAND	1	HEAVY DUTY
11	35775	STOP TUBE	1	HEAVY DUTY
12	35776	CYLINDER NUT	1	HEAVY DUTY
13	35777	PISTON ROD ASSY.	1	HEAVY DUTY
14	35777-2	BALL CAP - MATCHED SET	1	REPAIR PART
15	35778	BACK-UP WASHER	1	HEAVY DUTY
16	35834	ROD WIPER	1	HEAVY DUTY
17	*30206	ROD SEAL	1	HEAVY DUTY
18	36008	PISTON ROD ASSY.	1	
19	36011	STOP TUBE	1	
20	36429	BARREL - LIGHT WALL	1	
21	12A-218	O RING	1	
22	12A-342	O RING	1	
23	29B-02	GREASE FITTING	1	
24	37H-20	LOCKNUT	1	
25	14A-10	LOCKWASHER	2	HEAVY DUTY
26	30A-10	NUT	2	
27	31A-10	NUT	2	HEAVY DUTY
28	50A-1032	BOLT	2	
29	51A-1032	BOLT	2	
	26409	REPAIR KIT FOR 36473 & 36009 CYLINDER ASSY. - INCLUDES ITEMS 2 TO 4,8,21,22 & 24	A.R.	
	*44123	REPAIR KIT FOR 35779 CYLINDER ASSY. - INCLUDES ITEMS 3,15,16,17,21,22 & 24	A.R.	

CHAMPION ROAD MACHINERY



BLADE LIFT CYLINDERS

FEBRUARY 1986

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VEA AL VERSO

ISSUE No.
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Nº DE EDICION 2 REVISION A

EFFECTIVE SERIAL NUMBER(S) 16809 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2420-2 & UP

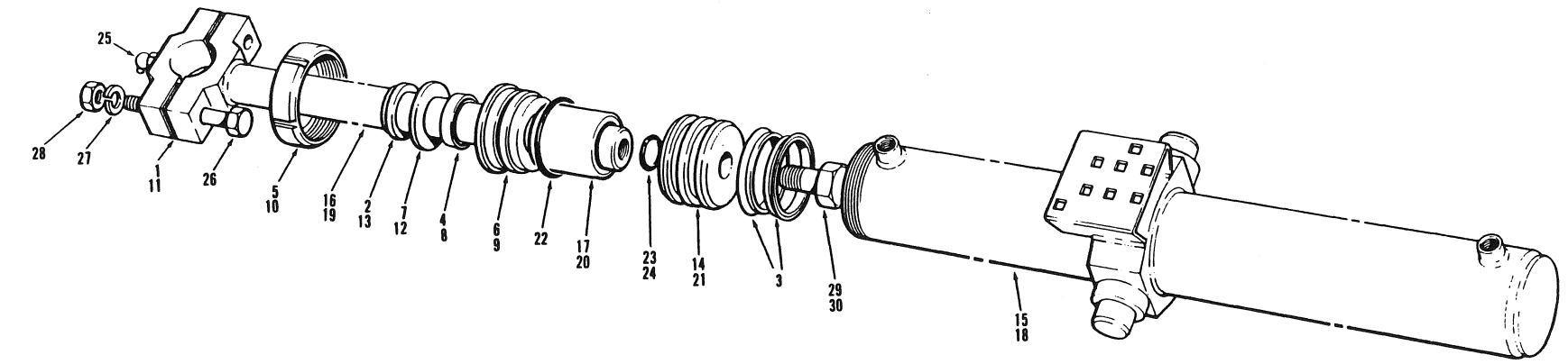
700 SERIES
SERIE 700

SECTION 3 PAGE 5
SECCION PAGINA

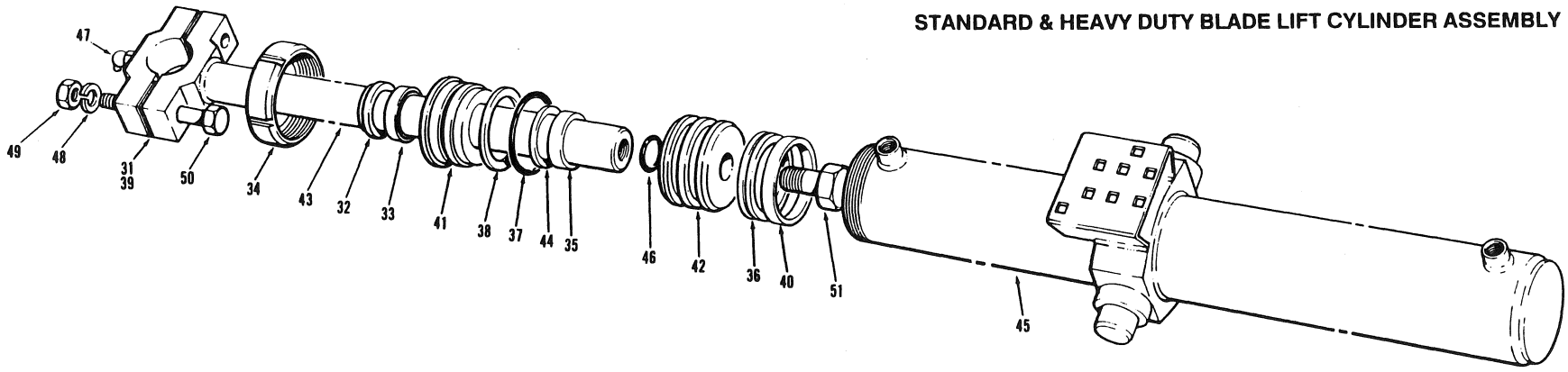
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BLADE LIFT CYLINDERS

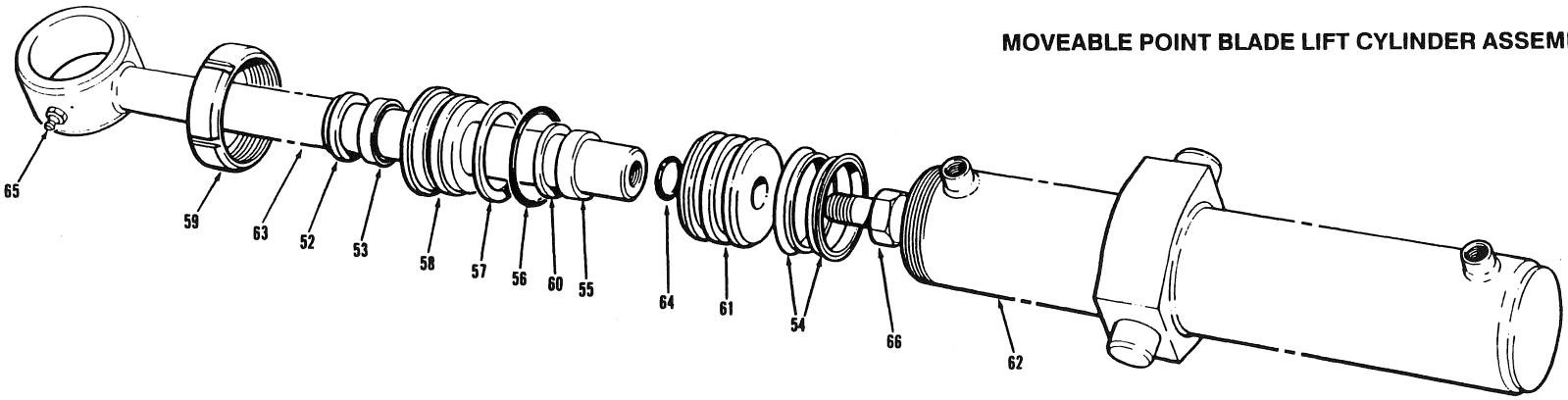
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	42181	STANDARD DUTY BLADE LIFT CYLINDER ASSY. - LIGHT WALL - INCLUDES ITEMS 1 TO 7, 14 TO 17, 23, 25 TO 30		STANDARD ON 710 THRU 740A
	42242	STANDARD DUTY BLADE LIFT CYLINDER ASSY. - HEAVY WALL - INCLUDES ITEMS 1 TO 7, 14 16 TO 18, 23, 25 TO 30		STANDARD ON 760 OPTIONAL ON 720 THRU 740A
	42470	HEAVY DUTY BLADE LIFT CYLINDER ASSY. - INCLUDES ITEMS 1, 3, 8 TO 10, 12, 13, 19 TO 22, 24 TO 29 & 31		OPTIONAL ON 740, 740A & 760
1	872	SHIM	6	
2	12035	ROD WIPER	1	
3	12036	PISTON SEAL	2	
4	12037	ROD SEAL	1	
5	17608	CYLINDER NUT	1	
6	17610	GLAND	1	
7	17614	BACK-UP WASHER	1	
8	30206	ROD SEAL	1	HEAVY DUTY
9	35774	GLAND	1	HEAVY DUTY
10	35776	CYLINDER NUT	1	HEAVY DUTY
11	35777-2	BALL CAP - MATCHED SET	1	REPAIR PART
12	35778	BACK-UP WASHER	1	HEAVY DUTY
13	35834	ROD WIPER	1	HEAVY DUTY
14	42151	PISTON	1	
15	42182	BARREL - LIGHT WALL	1	
16	42183	PISTON ROD ASSY.	1	
17	42184	STOP TUBE	1	
18	42219	BARREL - HEAVY WALL	1	
19	42466	BARREL	1	
20	42467	PISTON ROD ASSY.	1	HEAVY DUTY
21	42468	STOP TUBE	1	HEAVY DUTY
22	42469	PISTON	1	HEAVY DUTY
23	12A-224	O RING	1	
24	12A-228	O RING	1	HEAVY DUTY
25	12A-342	O RING	1	
26	29B-02	GREASE FITTING	1	
27	50A-1032	BOLT	2	
28	14A-10	LOCKWASHER	2	
29	30A-10	NUT	2	
30	51A-1622	BOLT	1	
31	51A-2024	BOLT	1	HEAVY DUTY
	*44124	REPAIR KIT FOR 42181 & 42242 CYLINDER ASSY. - INCLUDES ITEMS 2,3,4,7,23,25 & 30	A.R.	
	*44125	REPAIR KIT FOR 42470 CYLINDER ASSY. - INCLUDES ITEMS 3,8,12,13,24,25 & 31	A.R.	



STANDARD & HEAVY DUTY BLADE LIFT CYLINDER ASSEMBLY



MOVEABLE POINT BLADE LIFT CYLINDER ASSEMBLY



MOVEABLE POINT LOCK CYLINDER ASSEMBLY

EFFECTIVE SERIAL NUMBER(S) 17430 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 3 PAGE 5
SECCION 3 PAGINA 5

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BLADE LIFT CYLINDERS & MOVEABLE POINT LOCK CYLINDER

JUNE 1988

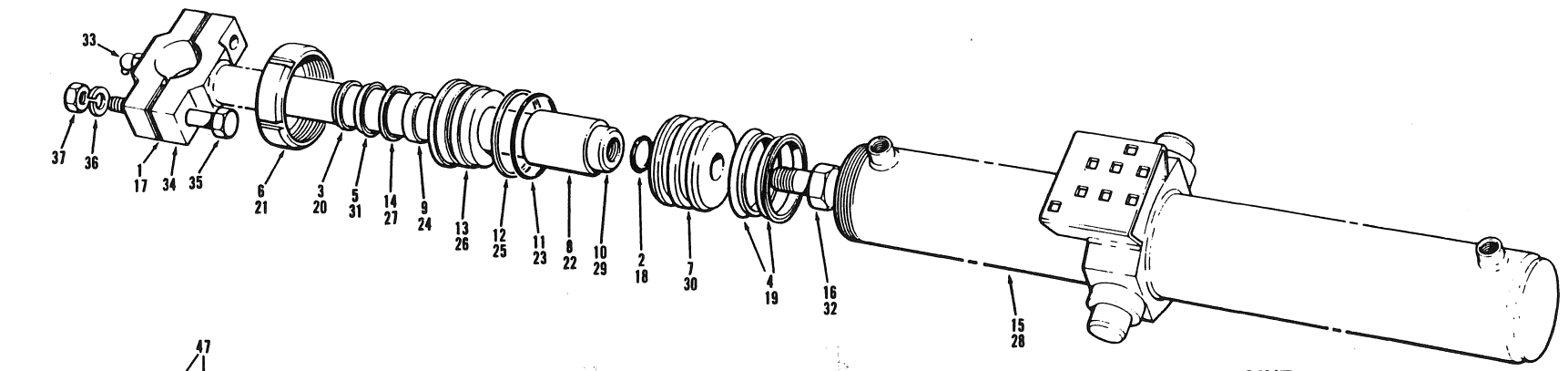
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FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

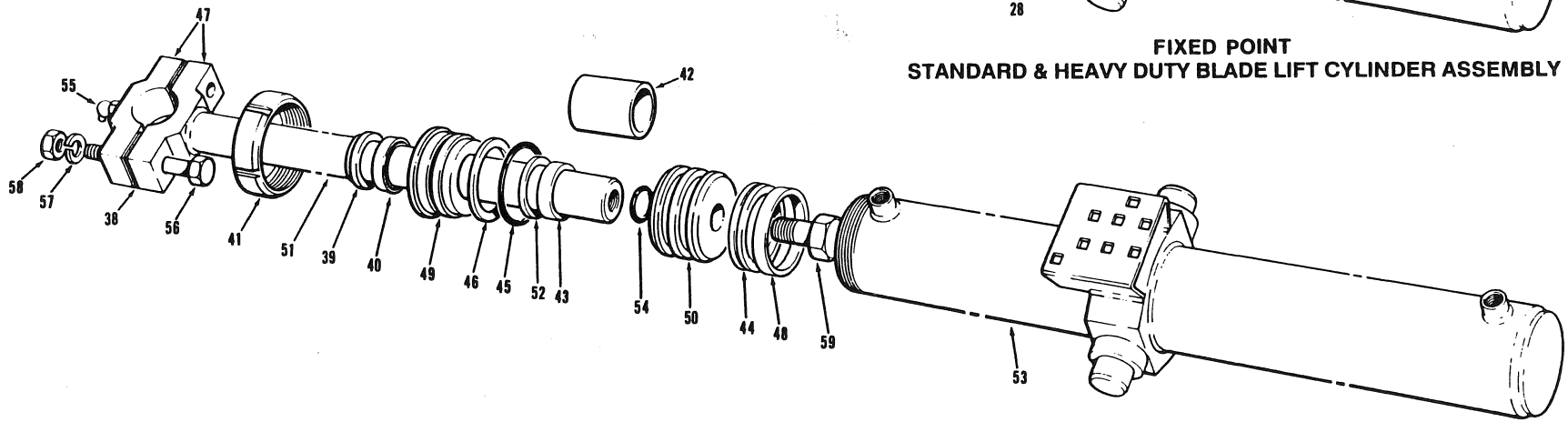
BLADE LIFT CYLINDERS & MOVEABLE POINT LOCK CYLINDER

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	42181	STANDARD DUTY BLADE LIFT CYLINDER ASSY. - LIGHT WALL - INCLUDES ITEMS 1 TO 7, 14 TO 17, 23, 25 TO 29		STANDARD 710 THRU 750A
	42470	HEAVY DUTY BLADE LIFT CYLINDER ASSY. - INCLUDES ITEMS 1, 3, 8 TO 10, 12, 13, 18 TO 21, 24 TO 28 & 30 **(OPTIONAL ON MODEL 740 & 740A)**		STANDARD 780 & 780A
1	872	SHIM	6	
2	12035	ROD WIPER	1	
3	12036	PISTON SEAL	2	
4	12037	ROD SEAL	1	
5	17608	CYLINDER NUT	1	
6	17610	GLAND	1	
7	17614	BACK-UP WASHER	1	
8	30206	ROD SEAL	1	HEAVY DUTY
9	35774	GLAND	1	HEAVY DUTY
10	35776	CYLINDER NUT	1	HEAVY DUTY
11	35777-2	BALL CAP - MATCHED SET	1	REPAIR PART
12	35778	BACK-UP WASHER	1	HEAVY DUTY
13	35834	ROD WIPER	1	HEAVY DUTY
14	42151	PISTON	1	
15	42182	BARREL - LIGHT WALL	1	
16	42183	PISTON ROD ASSY.	1	
17	42184	STOP TUBE	1	
18	42466	BARREL	1	HEAVY DUTY
19	42467	PISTON ROD ASSY.	1	HEAVY DUTY
20	42468	STOP TUBE	1	HEAVY DUTY
21	42469	PISTON	1	HEAVY DUTY
22	44244	O RING	1	
23	12A-224	O RING	1	
24	12A-228	O RING	1	HEAVY DUTY
25	29B-02	GREASE FITTING	1	
26	50A-1032	BOLT	2	
27	14A-10	LOCKWASHER	2	
28	30A-10	NUT	2	
29	51A-1622	BOLT	1	
30	51A-2024	BOLT	1	HEAVY DUTY
	43182	REPAIR KIT FOR 42181 CYLINDER ASSY. - INCLUDES ITEMS 2,3,4,7,22,23 & 29	A.R.	
	44125	REPAIR KIT FOR 42470 CYLINDER ASSY. - INCLUDES ITEMS 3,8,12,13,22,24 & 30	A.R.	

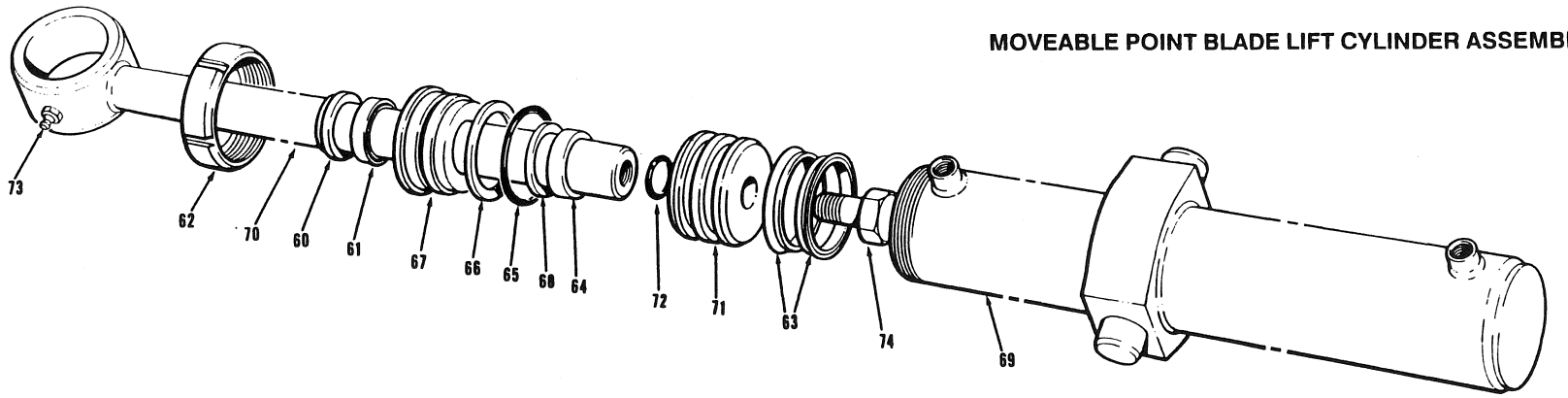
No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	*46023	MOVEABLE POINT BLADE LIFT CYLINDER ASSY. INCLUDES ITEMS 31 TO 51		S/N 19018 AND UP
31	872	SHIM	6	
32	12035	ROD WIPER	1	
33	12037	ROD SEAL	1	
34	17608	CYLINDER NUT	1	
35	*43074	WEAR RING	1	
36	*43075	PISTON SEAL	1	
37	44244	O RING	1	
38	*44266	BACK-UP WASHER	1	
39	*45420	BALL CAP - MATCHED SET	1	REPAIR PART
40	*45639	PISTON WEAR RING	1	
41	*45734	GLAND	1	
42	*45737	PISTON	1	
43	*45749	PISTON ROD ASSY.	1	
44	*45890	BUFFER RING	1	
45	*46024	BARREL	1	
46	12A-224	O RING	1	
47	*28B-04	GREASE FITTING	1	
48	14A-10	LOCKWASHER	2	
49	30A-10	NUT	2	
50	*50A-1028	BOLT	2	
51	*51A-1622	BOLT	1	
	*48658	MOVEABLE POINT LOCK CYLINDER ASSY. INCLUDES ITEMS 52 TO 66		S/N 19018 AND UP
52	12035	ROD WIPER	1	
53	12037	ROD SEAL	1	
54	*16999	PISTON SEAL	2	
55	*43074	WEAR RING	1	
56	*44245	O RING	1	
57	*44344	BACK UP WASHER	1	
58	*45735	GLAND	1	
59	*45805	CYLINDER NUT	1	
60	*45890	BUFFER RING	1	
61	*48528	PISTON	1	
62	*48659	BARREL	1	
63	*48660	PISTON ROD ASSY.	1	
64	12A-224	O RING	1	
65	*28A-04	GREASE FITTING	1	
66	*50A-2024	BOLT	1	
	*46622	REPAIR KIT FOR 46023 CYLINDER ASSY. INCLUDES ITEMS 32, 33, 35 TO 38, 40, 44, 46 & 51	A.R.	
	*49158	REPAIR KIT FOR 48658 CYLINDER ASSY. INCLUDES ITEMS 52 TO 57,60,64 & 66	A.R.	



FIXED POINT
STANDARD & HEAVY DUTY BLADE LIFT CYLINDER ASSEMBLY



MOVEABLE POINT BLADE LIFT CYLINDER ASSEMBLY



MOVEABLE POINT LOCK CYLINDER ASSEMBLY

ISSUE No.
Nº D'ÉMISSION
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BLADE LIFT CYLINDERS & MOVEABLE POINT LOCK CYLINDER

JULY 1989

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NUMERO(S) DE SÉRIE EFFECTIF(S)
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700 SERIES
SERIE 700

SECTION 3 PAGE 5
SECCION PAGINA

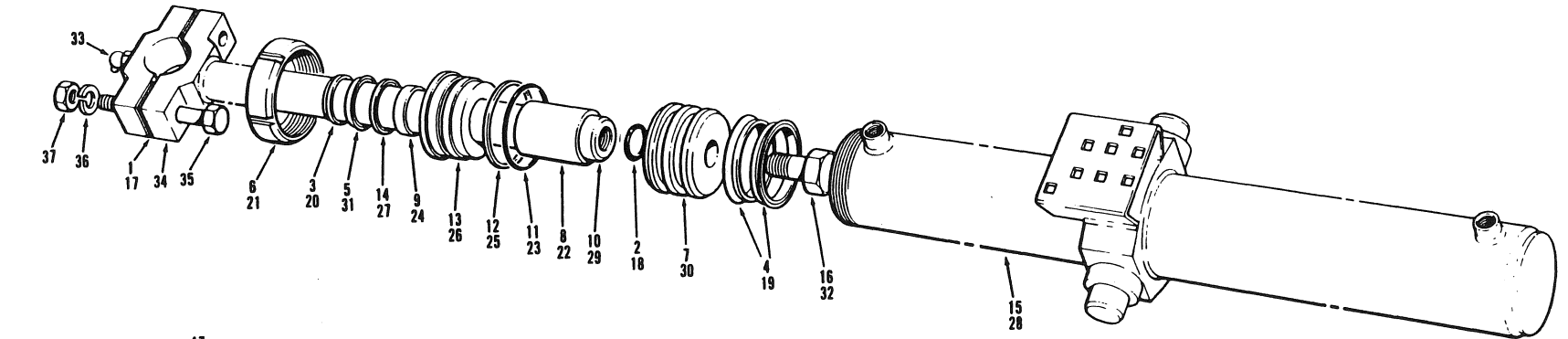
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

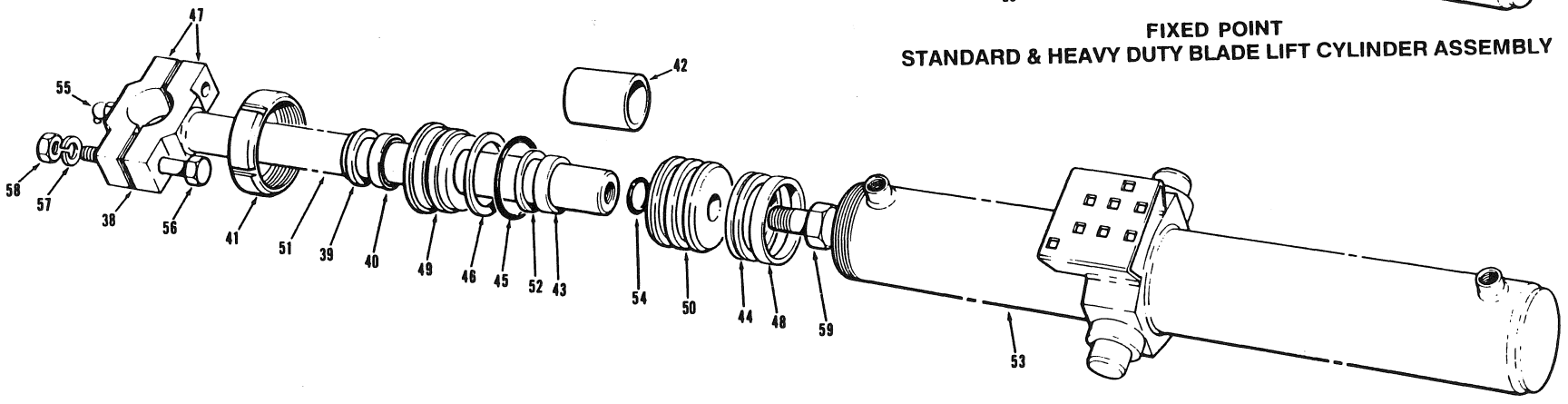
BLADE LIFT CYLINDERS & MOVEABLE POINT LOCK CYLINDER

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	46106	**STANDARD DUTY BLADE LIFT CYLINDER ASSEMBLY - LIGHT WALL - INCLUDES ITEMS 1 TO 16 & 37**	2	710 thru 740A
	48953	REPAIR KIT FOR 46106 CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 5, 9, 11, 12 & 16	A.R.	
1	872	SHIM	A.R.	
2	12A-224	O RING	1	
3	12035	WIPER	1	
4	12036	PISTON SEAL	2	
5	12037	ROD SEAL	1	
6	17608	CYLINDER NUT	1	
7	42151	PISTON	1	
8	42184	STOP TUBE	1	
9	43074	WEAR RING	1	
10	43457	PISTON ROD ASSEMBLY - INCLUDES ITEMS 1, 33 & 34 TO 37	1	
11	44244	O RING	1	
12	44266	BACK-UP RING	1	
13	45734	GLAND	1	
14	45890	BUFFER RING	1	
15	46107	BARREL	1	
16	50A-1620	BOLT		
	46310	**HEAVY DUTY BLADE LIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 17 TO 37**	2	750 thru 780A
	49120	REPAIR KIT FOR 46310 CYLINDER ASSEMBLY - INCLUDES ITEMS 18, 19, 23 TO 25, 27, 31 & 32	A.R.	
17	872	SHIM	A.R.	
18	12A0228	O RING	1	
19	12036	PISTON SEAL	2	
20	35834	ROD SCRAPER	1	
21	*35776	CYLINDER NUT	1	
22	42468	STOP TUBE	1	
23	44244	O RING	1	
24	44264	WEAR RING	1	
25	44266	BACK UP - RING	1	
26	45858	GLAND	1	
27	45891	BUFFER - RING	1	
28	46311	BARREL	1	
29	46312	PISTON ROD ASSEMBLY - INCLUDES ITEMS 17, 33 & 34 TO 37	1	
30	46976	PISTON	1	
31	48402	ROD SEAL	1	
32	50A-2024	BOLT	1	
33	28B-04	GREASE FITTING	1	
34	46089	BALL CAP - MATCHED SET	1	REPAIR PART
35	50A-1032	BOLT	2	
36	14A-10	LOCKWASHER	2	
37	30A-10	NUT	2	

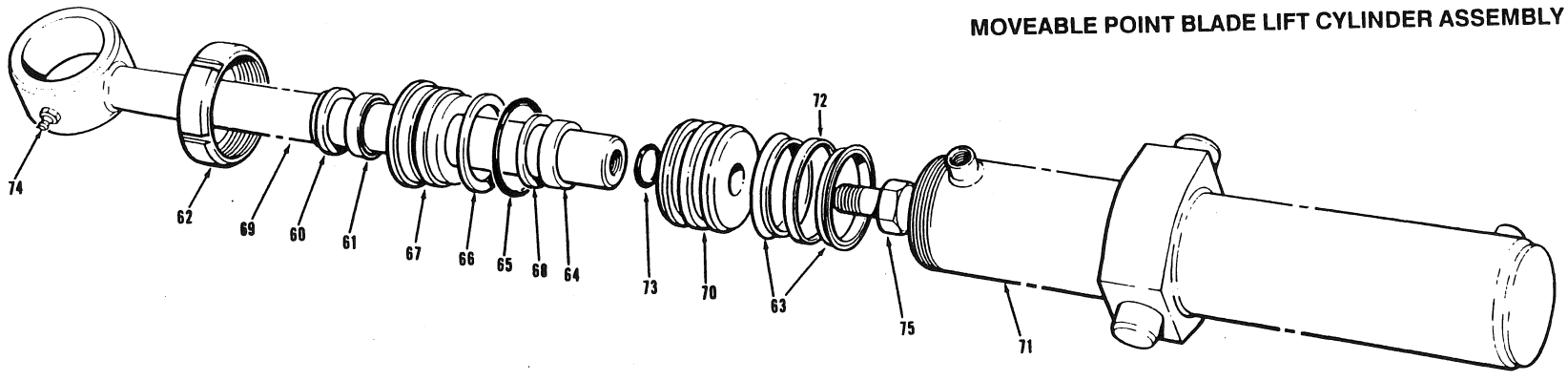
No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	46023	**MOVEABLE POINT BLADE LIFT CYLINDER ASSEMBLY - L.H. - INCLUDES ITEMS 38 TO 41, 43 TO 59**	1	
	*51015	**MOVEABLE POINT BLADE LIFT CYLINDER ASSEMBLY - R.H. - INCLUDES ITEMS 38 TO 59**	1	
	46622	REPAIR KIT FOR 46023 & 51015 CYLINDER ASSEMBLIES - INCLUDES ITEMS 39, 40, 43 TO 46, 48, 52, 54 & 59	A.R.	
38	872	SHIM	A.R.	
39	12035	ROD WIPER	1	
40	12037	ROD SEAL	1	
41	17608	CYLINDER NUT	1	
42	*42184	STOP TUBE	1	
43	43074	WEAR RING	1	
44	43075	PISTON SEAL	1	
45	44244	O RING	1	
46	44266	BACK-UP RING	1	
47	45420	BALL CAP - MATCHED SET	1	REPAIR PART
48	45639	PISTON WEAR RING	1	
49	45734	GLAND	1	
50	45737	PISTON	1	
51	45749	PISTON ROD ASSEMBLY - INCLUDES ITEMS 38, 47 & 55 TO 58	1	
52	45890	BUFFER RING	1	
53	46024	BARREL	1	
54	12A-224	O RING	1	
55	28B-04	GREASE FITTING	1	
56	50A-1028	BOLT	2	
57	14A-10	LOCKWASHER	2	
58	30A-10	NUT	2	
59	50A-1622	BOLT	1	
	*48924	**MOVEABLE POINT LOCK CYLINDER ASSEMBLY - INCLUDES ITEMS 60 TO 74**	1	
	49158	REPAIR KIT FOR 48924 CYLINDER ASSEMBLY - INCLUDES ITEM 60, 61, 63 TO 66, 68, 72 & 74	A.R.	
60	12035	ROD WIPER	1	
61	12037	ROD SEAL	1	
62	*13007	CYLINDER NUT	1	
63	16999	PISTON SEAL	2	
64	43074	WEAR RING	1	
65	44245	O RING	1	
66	44344	BACK-UP RING	1	
67	45735	GLAND	1	
68	45890	BUFFER RING	1	
69	48659	BARREL	1	
70	48660	PISTON ROD	1	
71	*48923	PISTON	1	
72	12A-224	O RING	1	
73	28A-04	GREASE FITTING	1	
74	50A-2024	BOLT	1	



FIXED POINT
STANDARD & HEAVY DUTY BLADE LIFT CYLINDER ASSEMBLY



MOVEABLE POINT BLADE LIFT CYLINDER ASSEMBLY



MOVEABLE POINT LOCK CYLINDER ASSEMBLY

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5

BLADE LIFT CYLINDERS & MOVEABLE POINT LOCK CYLINDER

JULY 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

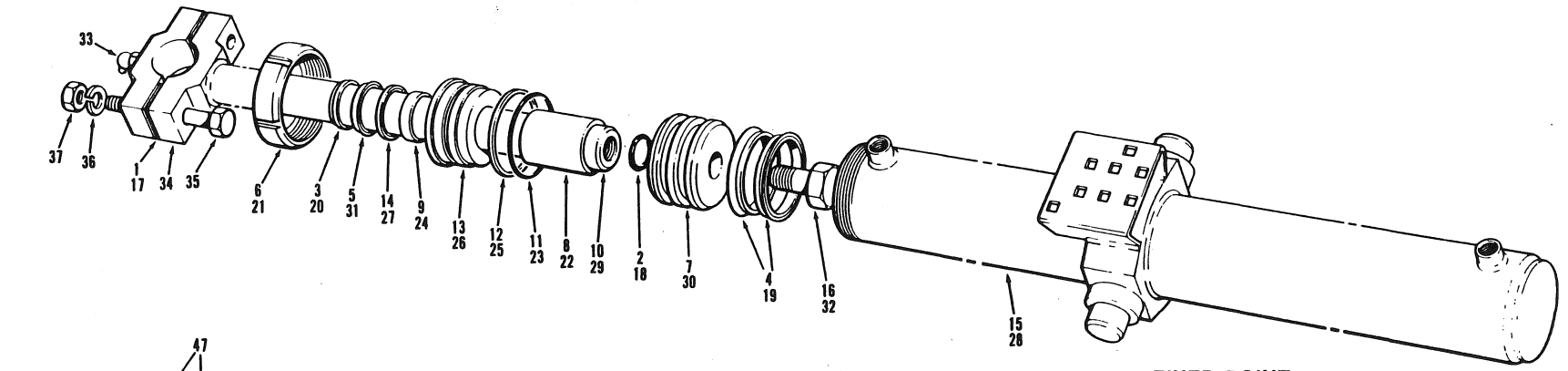
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

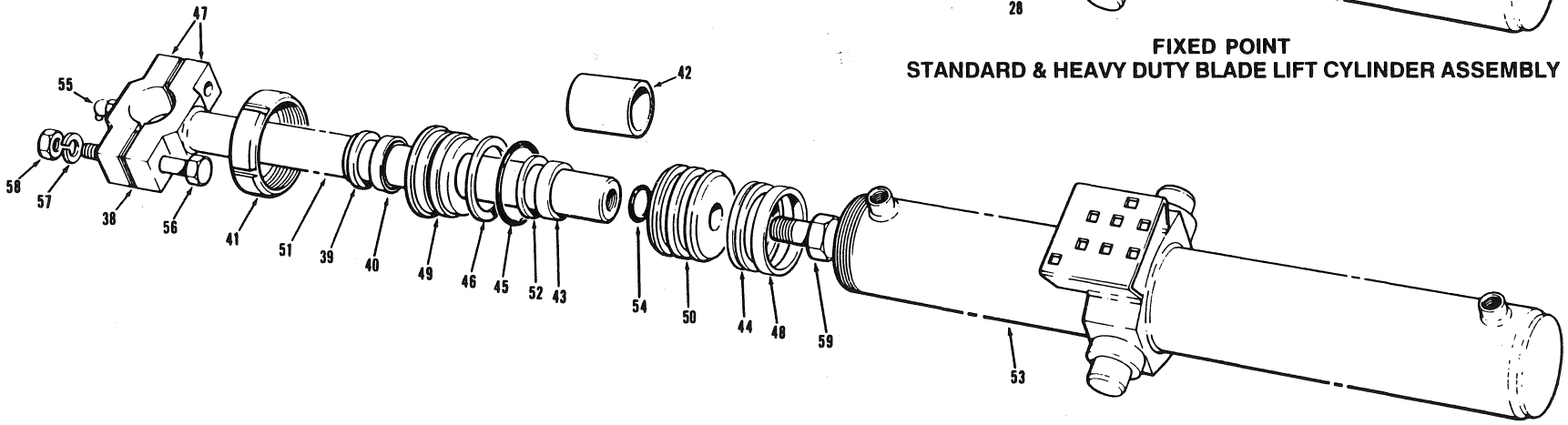
BLADE LIFT CYLINDERS & MOVEABLE POINT LOCK CYLINDER

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	46106	**STANDARD DUTY BLADE LIFT CYLINDER ASSEMBLY - LIGHT WALL - INCLUDES ITEMS 1 TO 16 & 37**	2	710 thru 740A
	48953	REPAIR KIT FOR 46106 CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 5, 9, 11, 12 & 16	A.R.	
1	872	SHIM	A.R.	
2	12A-224	O RING	1	
3	12035	WIPER	1	
4	12036	PISTON SEAL	2	
5	12037	ROD SEAL	1	
6	17608	CYLINDER NUT	1	
7	42151	PISTON	1	
8	42184	STOP TUBE	1	
9	43074	WEAR RING	1	
10	43457	PISTON ROD ASSEMBLY - INCLUDES ITEMS 1, 33 & 34 TO 37	1	
11	44244	O RING	1	
12	44266	BACK-UP RING	1	
13	45734	GLAND	1	
14	45890	BUFFER RING	1	
15	46107	BARREL	1	
16	50A-1620	BOLT		
	46310	**HEAVY DUTY BLADE LIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 17 TO 37**	2	750 thru 780A
	49120	REPAIR KIT FOR 46310 CYLINDER ASSEMBLY - INCLUDES ITEMS 18, 19, 23 TO 25, 27, 31 & 32	A.R.	
17	872	SHIM	A.R.	
18	12A-228	O RING	1	
19	12036	PISTON SEAL	2	
20	35834	ROD SCRAPER	1	
21	*35776	CYLINDER NUT	1	
22	42468	STOP TUBE	1	
23	44244	O RING	1	
24	44264	WEAR RING	1	
25	44266	BACK-UP RING	1	
26	45858	GLAND	1	
27	45891	BUFFER - RING	1	
28	46311	BARREL	1	
29	46312	PISTON ROD ASSEMBLY - INCLUDES ITEMS 17, 33 & 34 TO 37	1	
30	46976	PISTON	1	
31	48402	ROD SEAL	1	
32	50A-2024	BOLT	1	
33	28B-04	GREASE FITTING	1	
34	46089	BALL CAP - MATCHED SET	1	REPAIR PART
35	50A-1032	BOLT	2	
36	14A-10	LOCKWASHER	2	
37	30A-10	NUT	2	

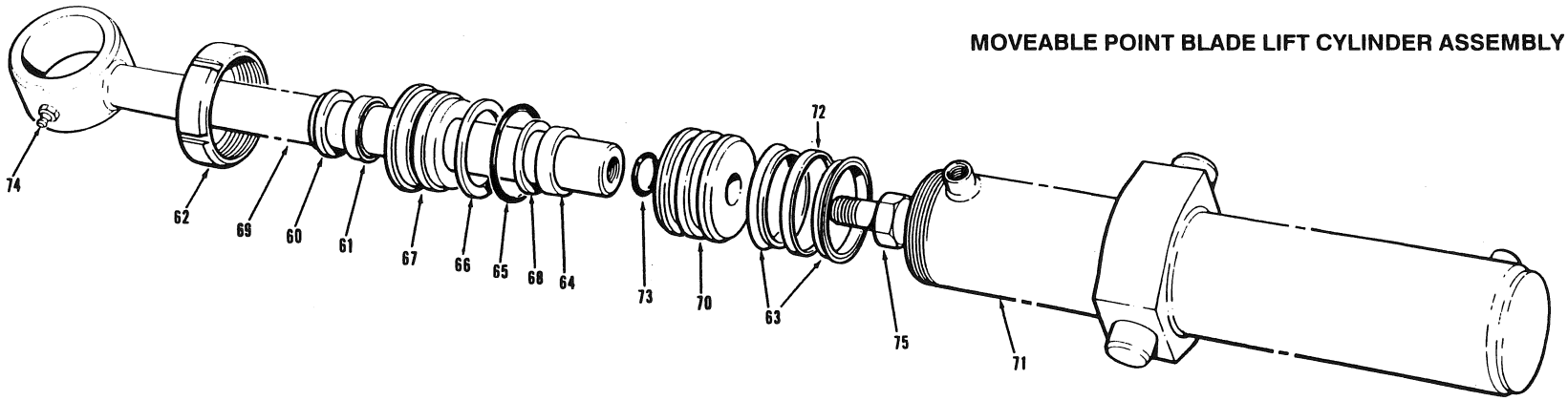
No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	46023	**MOVEABLE POINT BLADE LIFT CYLINDER ASSEMBLY - L.H. - INCLUDES ITEMS 38 TO 41, 43 TO 59**	1	
	51015	**MOVEABLE POINT BLADE LIFT CYLINDER ASSEMBLY - R.H. - INCLUDES ITEMS 38 TO 59**	1	
	46622	REPAIR KIT FOR 46023 & 51015 CYLINDER ASSEMBLIES - INCLUDES ITEMS 39, 40, 43 TO 46, 48, 52, 54 & 59	A.R.	
38	872	SHIM	A.R.	
39	12035	ROD WIPER	1	
40	12037	ROD SEAL	1	
41	17608	CYLINDER NUT	1	
42	42184	STOP TUBE	1	
43	43074	WEAR RING	1	
44	43075	PISTON SEAL	1	
45	44244	O RING	1	
46	44266	BACK-UP RING	1	
47	45420	BALL CAP - MATCHED SET	1	REPAIR PART
48	45639	PISTON WEAR RING	1	
49	45734	GLAND	1	
50	45737	PISTON	1	
51	45749	PISTON ROD ASSEMBLY - INCLUDES ITEMS 38, 47 & 55 TO 58	1	
52	45890	BUFFER RING	1	
53	46024	BARREL	1	
54	12A-224	O RING	1	
55	28B-04	GREASE FITTING	1	
56	50A-1028	BOLT	2	
57	14A-10	LOCKWASHER	2	
58	30A-10	NUT	2	
59	50A-1622	BOLT	1	
	*49810	**MOVEABLE POINT LOCK CYLINDER ASSEMBLY - INCLUDES ITEMS 60 TO 75**	1	
	*53100	REPAIR KIT FOR 49810 CYLINDER ASSEMBLY - INCLUDES ITEMS 60, 61, 63 TO 66, 68, 73 & 75	A.R.	
60	12035	ROD WIPER	1	
61	12037	ROD SEAL	1	
62	13007	CYLINDER NUT	1	
63	16999	PISTON SEAL	2	
64	43074	WEAR RING	1	
65	44245	O RING	1	
66	44344	BACK-UP RING	1	
67	45735	GLAND	1	
68	45890	BUFFER RING	1	
69	48660	PISTON ROD	1	
70	*49807	PISTON	1	
71	*49809	BARREL	1	
72	*51014	WEAR RING	1	
73	12A-224	O RING	1	
74	28A-04	GREASE FITTING	1	
75	*50A-2032	BOLT	1	



FIXED POINT
STANDARD & HEAVY DUTY BLADE LIFT CYLINDER ASSEMBLY



MOVEABLE POINT BLADE LIFT CYLINDER ASSEMBLY



MOVEABLE POINT LOCK CYLINDER ASSEMBLY

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 6

BLADE LIFT CYLINDERS & MOVEABLE POINT LOCK CYLINDER

MAY 1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

BLADE LIFT CYLINDERS & MOVEABLE POINT LOCK CYLINDER

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	46106	**STANDARD DUTY BLADE LIFT CYLINDER ASSEMBLY - LIGHT WALL - INCLUDES ITEMS 1 TO 16 & 37**	2	710 thru 740A
	48953	**REPAIR KIT FOR 46106 CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 5, 9, 11, 12 & 16**	1 ea.	
1	872	SHIM	A.R.	
2	12A-224	O RING	1	
3	12035	WIPER	1	
4	12036	PISTON SEAL	2	
5	12037	ROD SEAL	1	
6	17608	CYLINDER NUT	1	
7	42151	PISTON	1	
8	42184	STOP TUBE	1	
9	43074	WEAR RING	1	
10	43457	PISTON ROD ASSEMBLY - INCLUDES ITEMS 1, 33 & 34 TO 37	1	
11	44244	O RING	1	
12	44266	BACK-UP RING	1	
13	45734	GLAND	1	
14	45890	BUFFER RING	1	
15	46107	BARREL	1	
16	50A-1620	BOLT		
	*52421	**HEAVY DUTY BLADE LIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 17 TO 37**	2	750 thru 780A
	49120	**REPAIR KIT FOR 52421 CYLINDER ASSEMBLY - INCLUDES ITEMS 18, 19, 23 TO 25, 27, 31 & 32**	1 ea.	
17	872	SHIM	A.R.	
18	12A-228	O RING	1	
19	12036	PISTON SEAL	2	
20	35834	ROD SCRAPER	1	
21	35776	CYLINDER NUT	1	
22	42468	STOP TUBE	1	
23	44244	O RING	1	
24	44264	WEAR RING	1	
25	44266	BACK-UP RING	1	
26	45858	GLAND	1	
27	45891	BUFFER - RING	1	
28	46311	BARREL	1	
29	*51535	PISTON ROD ASSEMBLY - INCLUDES ITEMS 17, 33 & 34 TO 37	1	
30	46976	PISTON	1	
31	48402	ROD SEAL	1	
32	50A-2024	BOLT	1	
33	28B-04	GREASE FITTING	1	
34	46089	BALL CAP - MATCHED SET	1	REPAIR PART
35	50A-1032	BOLT	2	
36	14A-10	LOCKWASHER	2	
37	30A-10	NUT	2	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	46023	**MOVEABLE POINT BLADE LIFT CYLINDER ASSEMBLY - L.H. - INCLUDES ITEMS 38 TO 41, 43 TO 59**	1	
	51015	**MOVEABLE POINT BLADE LIFT CYLINDER ASSEMBLY - R.H. - INCLUDES ITEMS 38 TO 59**	1	
	46622	**REPAIR KIT FOR 46023 & 51015 CYLINDER ASSEMBLIES - INCLUDES ITEMS 39, 40, 43 TO 46, 48, 52, 54 & 59**	1 ea.	
38	872	SHIM	A.R.	
39	12035	ROD WIPER	1	
40	12037	ROD SEAL	1	
41	17608	CYLINDER NUT	1	
42	42184	STOP TUBE	1	
43	43074	WEAR RING	1	
44	43075	PISTON SEAL	1	
45	44244	O RING	1	
46	44266	BACK-UP RING	1	
47	*46089	BALL CAP - MATCHED SET	1	REPAIR PART
48	45639	PISTON WEAR RING	1	
49	45734	GLAND	1	
50	45737	PISTON	1	
51	45749	PISTON ROD ASSEMBLY - INCLUDES ITEMS 38, 47 & 55 TO 58	1	
52	45890	BUFFER RING	1	
53	46024	BARREL	1	
54	12A-224	O RING	1	
55	28B-04	GREASE FITTING	1	
56	50A-1028	BOLT	2	
57	14A-10	LOCKWASHER	2	
58	30A-10	NUT	2	
59	50A-1622	BOLT	1	
	49810	**MOVEABLE POINT LOCK CYLINDER ASSEMBLY - INCLUDES ITEMS 60 TO 75**	1	
	53100	**REPAIR KIT FOR 49810 CYLINDER ASSEMBLY - INCLUDES ITEMS 60, 61, 63 TO 66, 68, 73 & 75**	1 ea.	
60	12035	ROD WIPER	1	
61	12037	ROD SEAL	1	
62	13007	CYLINDER NUT	1	
63	16999	PISTON SEAL	2	
64	43074	WEAR RING	1	
65	44245	O RING	1	
66	44344	BACK-UP RING	1	
67	45735	GLAND	1	
68	45890	BUFFER RING	1	
69	48660	PISTON ROD	1	
70	49807	PISTON	1	
71	49809	BARREL	1	
72	51014	WEAR RING	1	
73	12A-224	O RING	1	
74	28A-04	GREASE FITTING	1	
75	50A-2032	BOLT	1	

CHAMPION ROAD MACHINERY

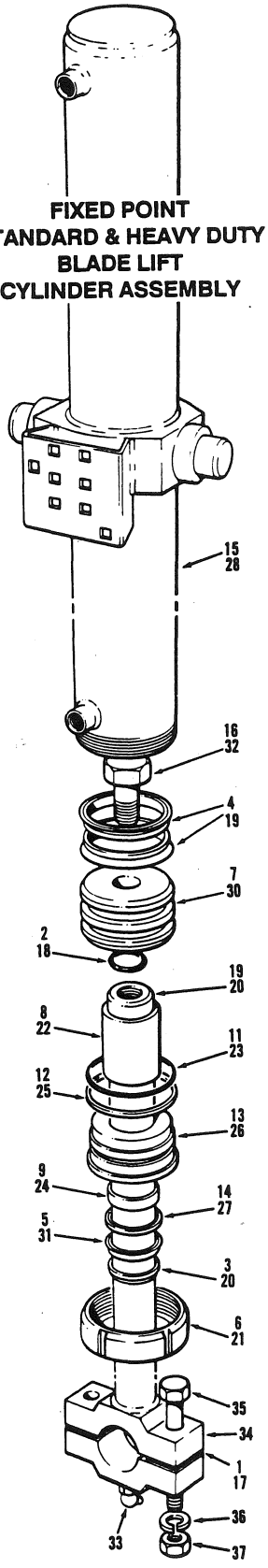
JUNE 1990

BLADE LIFT CYLINDERS & MOVEABLE POINT LOCK CYLINDER

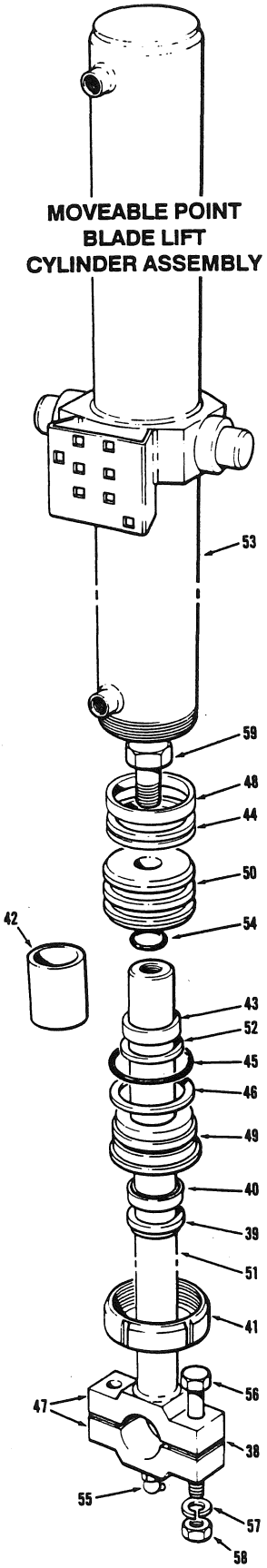
ISSUE No. 7
Nº D'ÉMISSION
Nº DE EDICION

FOR LIST OF PARTS THIS PAGE — POUR LA LISTE DES PIÈCES VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS VEA AL VERSO

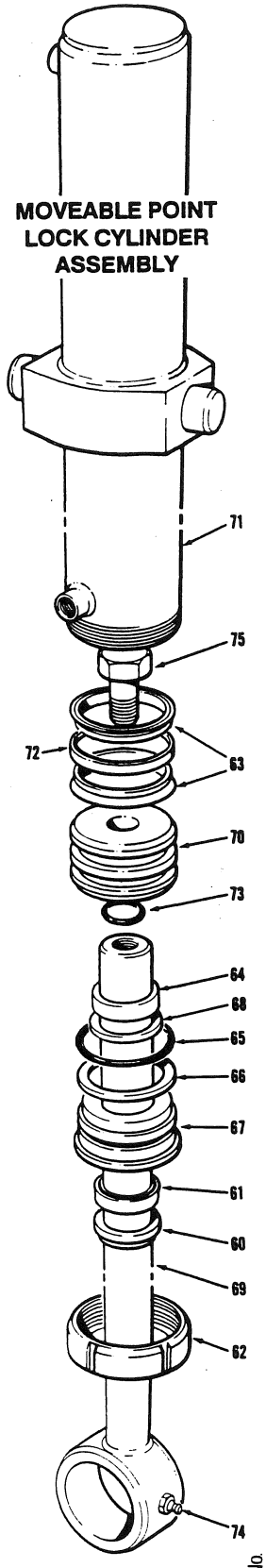
FIXED POINT STANDARD & HEAVY DUTY BLADE LIFT CYLINDER ASSEMBLY



MOVEABLE POINT BLADE LIFT CYLINDER ASSEMBLY



MOVEABLE POINT LOCK CYLINDER ASSEMBLY



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20719 & UP
EXCLUDING 20731

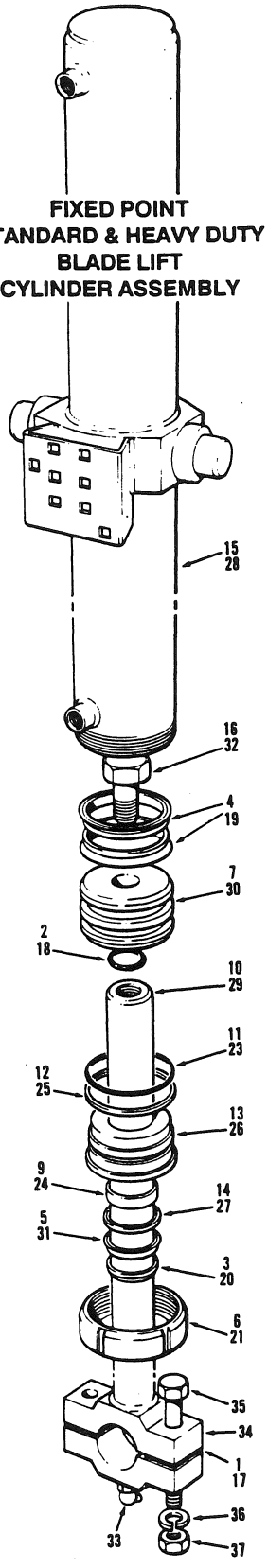
FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

BLADE LIFT CYLINDERS & MOVEABLE POINT LOCK CYLINDER

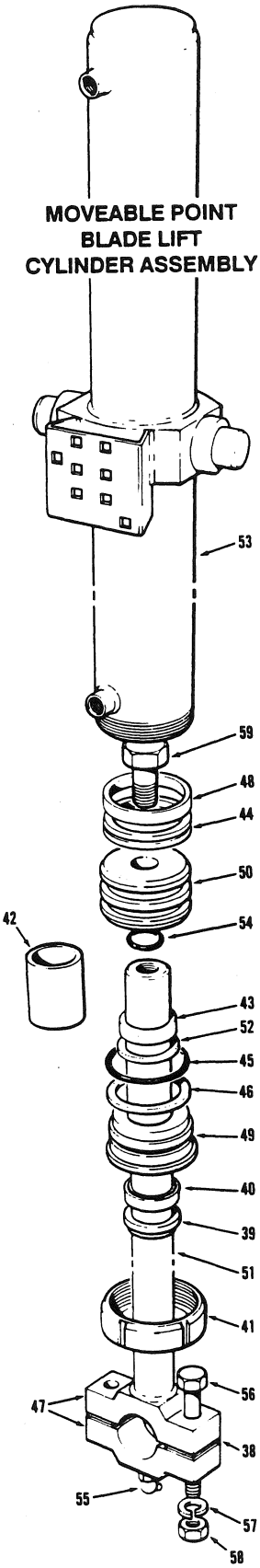
No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	46106	**STANDARD DUTY BLADE LIFT CYLINDER ASSEMBLY - LIGHT WALL - INCLUDES ITEMS 1 TO 16 & 37**	2	710 thru 740A
	48953	**REPAIR KIT FOR 46106 - CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 5, 9, 11, 12 & 16**	1 ea.	
1	872	SHIM	2	
2	12A-224	O RING	1	
3	12035	WIPER	1	
4	12036	PISTON SEAL	2	
5	12037	ROD SEAL	1	
6	17608	CYLINDER NUT	1	
7	42151	PISTON	1	
8	42184	STOP TUBE	1	
9	43074	WEAR RING	1	
10	43457	**PISTON ROD ASSEMBLY - INCLUDES ITEMS 1, 33 & 34 TO 37**	1	
11	44244	O RING	1	
12	44266	BACK-UP RING	1	
13	45734	GLAND	1	
14	45890	BUFFER RING	1	
15	46107	BARREL	1	
16	50A-1620	BOLT		
	52421	**HEAVY DUTY BLADE LIFT CYLINDER ASSEMBLY - INCLUDES ITEMS 17 TO 37**	2	750 thru 780A
	49120	**REPAIR KIT FOR 52421 - CYLINDER ASSEMBLY - INCLUDES ITEMS 18, 19, 23 TO 25, 27, 31 & 32**	1 ea.	
17	872	SHIM	2	
18	12A-228	O RING	1	
19	12036	PISTON SEAL	2	
20	35834	ROD SCRAPER	1	
21	35776	CYLINDER NUT	1	
22	42468	STOP TUBE	1	
23	44244	O RING	1	
24	44264	WEAR RING	1	
25	44266	BACK-UP RING	1	
26	45858	GLAND	1	
27	45891	BUFFER - RING	1	
28	46311	BARREL	1	
29	51535	**PISTON ROD ASSEMBLY - INCLUDES ITEMS 17, 33 & 34 TO 37**	1	
30	46976	PISTON	1	
31	48402	ROD SEAL	1	
32	50A-2024	BOLT	1	
33	28B-04	GREASE FITTING	1	
34	46089	BALL CAP - MATCHED SET	1	REPAIR PART
35	50A-1032	BOLT	2	
36	14A-10	LOCKWASHER	2	
37	30A-10	NUT	2	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	46023	**MOVEABLE POINT BLADE LIFT CYLINDER ASSEMBLY - L.H. - INCLUDES ITEMS 38 TO 41, 43 TO 59**	1	
	51015	**MOVEABLE POINT BLADE LIFT CYLINDER ASSEMBLY - R.H. - INCLUDES ITEMS 38 TO 59**	1	
	46622	**REPAIR KIT FOR 46023 & 51015 - CYLINDER ASSEMBLIES - INCLUDES ITEMS 39, 40, 43 TO 46, 48, 52, 54 & 59**	1 ea.	
38	872	SHIM	2	
39	12035	ROD WIPER	1	
40	12037	ROD SEAL	1	
41	17608	CYLINDER NUT	1	
42	42184	STOP TUBE	1	
43	43074	WEAR RING	1	
44	43075	PISTON SEAL	1	
45	44244	O RING	1	
46	44266	BACK-UP RING	1	
47	46089	BALL CAP - MATCHED SET	1	REPAIR PART
48	45639	PISTON WEAR RING	1	
49	45734	GLAND	1	
50	45737	PISTON	1	
51	45749	**PISTON ROD ASSEMBLY - INCLUDES ITEMS 38, 47 & 55 TO 58**	1	
52	45890	BUFFER RING	1	
53	46024	BARREL	1	
54	12A-224	O RING	1	
55	28B-04	GREASE FITTING	1	
56	50A-1028	BOLT	2	
57	14A-10	LOCKWASHER	2	
58	30A-10	NUT	2	
59	50A-1622	BOLT	1	
	*56758	**MOVEABLE POINT LOCK CYLINDER ASSEMBLY - INCLUDES ITEMS 60 TO 75**	1	
	*54436	**REPAIR KIT FOR 56758 - CYLINDER ASSEMBLY - INCLUDES ITEMS 60, 61, 63 TO 66, 68, 73 & 75**	1 ea.	
60	12035	ROD WIPER	1	
61	12037	ROD SEAL	1	
62	13007	CYLINDER NUT	1	
63	*53799	PISTON SEAL	2	
64	43074	WEAR RING	1	
65	44245	O RING	1	
66	44344	BACK-UP RING	1	
67	45735	GLAND	1	
68	45890	BUFFER RING	1	
69	48660	PISTON ROD	1	
70	*56757	PISTON	1	
71	49809	BARREL	1	
72	51014	WEAR RING	1	
73	12A-224	O RING	1	
74	28A-04	GREASE FITTING	1	
75	50A-2032	BOLT	1	

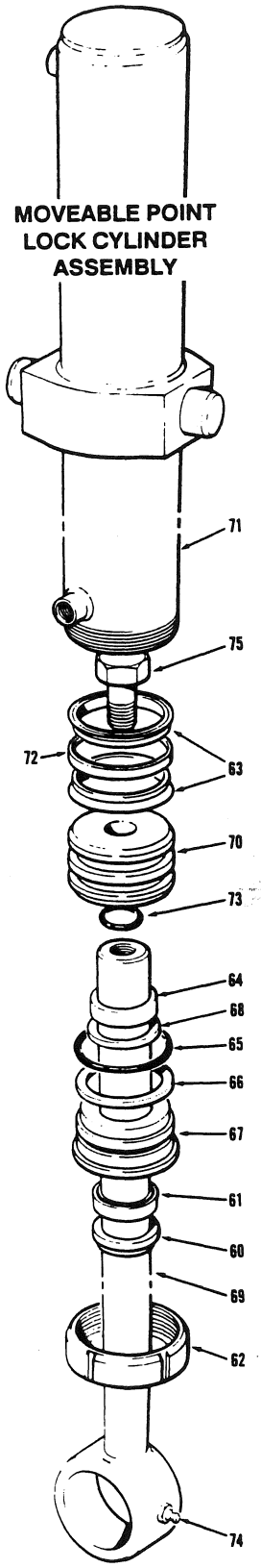
FIXED POINT STANDARD & HEAVY DUTY BLADE LIFT CYLINDER ASSEMBLY



MOVEABLE POINT BLADE LIFT CYLINDER ASSEMBLY



MOVEABLE POINT LOCK CYLINDER ASSEMBLY



DECEMBER 1991

BLADE LIFT CYLINDERS & MOVEABLE POINT LOCK CYLINDER

8 REVISION A

ISSUE No.
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FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

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21283 & UP

SECTION / SECCION **3** PAGE / PAGINA **6** ISSUE No. / N° D'ÉMISSION / N° DE EDICION **8 REVISION A**

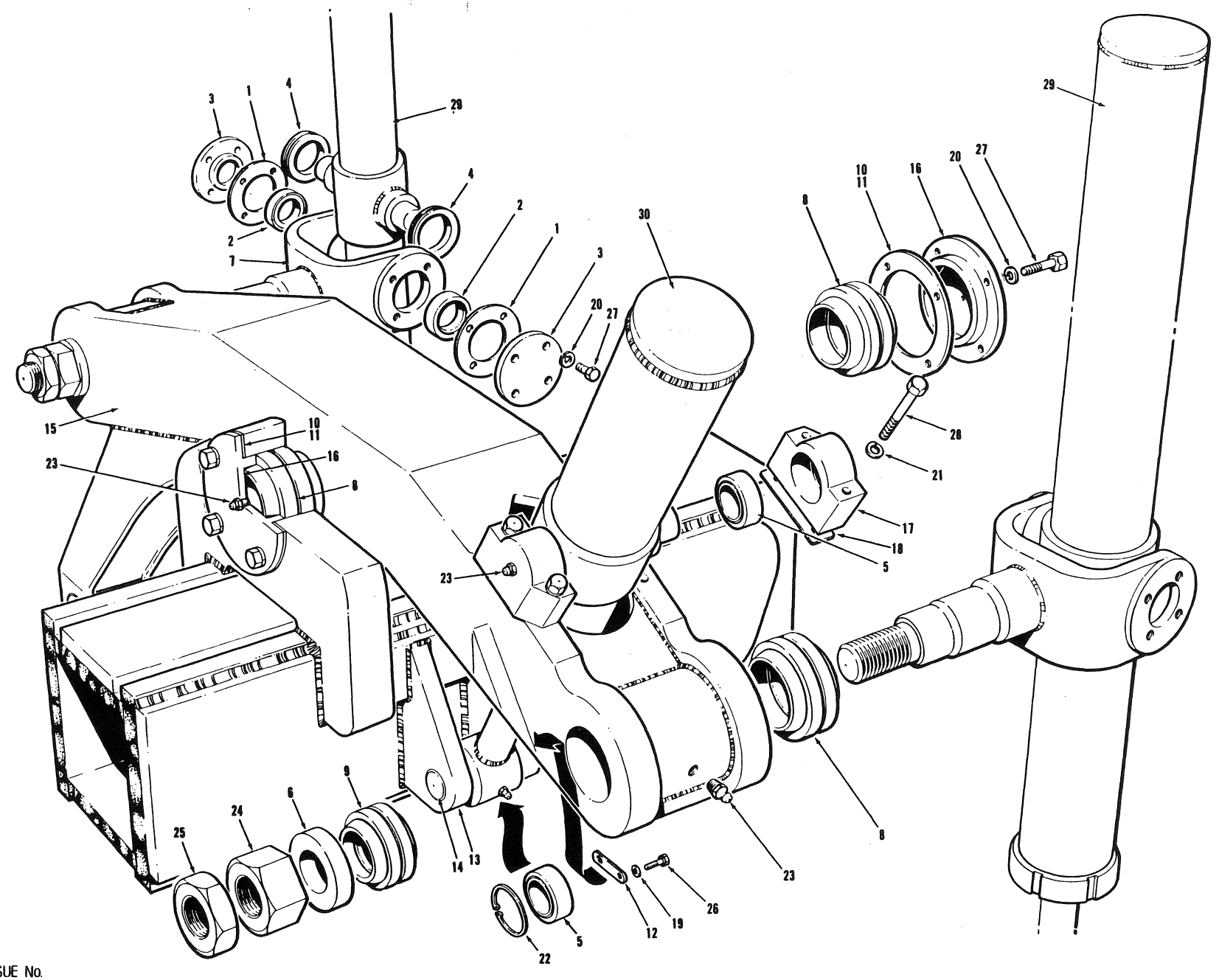
BLADE LIFT CYLINDERS & MOVEABLE POINT LOCK CYLINDER

DECEMBER 1991

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	57399	**STANDARD DUTY BLADE LIFT CYLINDER ASSEMBLY**	2	710 thru 740A
		- LIGHT WALL - INCLUDES ITEMS 1 to 7, 9 to 16 & 37		
	48953	**REPAIR KIT FOR 57399** - CYLINDER ASSEMBLY	1 ea.	
		- INCLUDES ITEMS 2 to 5, 9, 11, 12 & 16		
1	872	SHIM - .020"	2	
	*62075	SHIM - .010"	2	
2	12A-224	O-RING	1	
3	12035	WIPER	1	
4	12036	PISTON SEAL	2	
5	12037	ROD SEAL	1	
6	17608	CYLINDER NUT	1	
7	42151	PISTON	1	
9	43074	WEAR RING	1	
10	**57400**	**PISTON ROD ASSEMBLY**	1	
		- INCLUDES ITEMS 1, 33 & 34 to 37		
11	44244	O-RING	1	
12	44266	BACK-UP RING	1	
13	45734	GLAND	1	
14	45890	BUFFER RING	1	
15	46107	BARREL	1	
16	50A-1620	BOLT		
	52421	**HEAVY DUTY BLADE LIFT CYLINDER ASSEMBLY**	2	750 thru 780A
		- INCLUDES ITEMS 17 to 21 & 23 to 37		
	49120	**REPAIR KIT FOR 52421** - CYLINDER ASSEMBLY	1 ea.	
		- INCLUDES ITEMS 18, 19, 23 to 25, 27, 31 & 32		
17	872	SHIM	2	
	*62075	SHIM - .010"	2	
18	12A-228	O-RING	1	
19	12036	PISTON SEAL	2	
20	35834	ROD SCRAPER	1	
21	35776	CYLINDER NUT	1	
23	44244	O-RING	1	
24	44264	WEAR RING	1	
25	44266	BACK-UP RING	1	
26	45858	GLAND	1	
27	45891	BUFFER RING	1	
28	46311	BARREL	1	
29	51535	**PISTON ROD ASSEMBLY**	1	
		- INCLUDES ITEMS 17, 33 & 34 to 37		
30	46976	PISTON	1	
31	48402	ROD SEAL	1	
32	50A-2024	BOLT	1	
33	28B-04	GREASE FITTING	1	
34	46089	BALL CAP - MATCHED SET	1	Repair Part
35	50A-1032	BOLT	2	
36	14A-10	LOCKWASHER	2	
37	30A-10	NUT	2	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	46023	**MOVEABLE POINT BLADE LIFT CYLINDER ASSEMBLY - L.H.**	1	
		- INCLUDES ITEMS 38 to 41 & 43 to 59		
	51015	**MOVEABLE POINT BLADE LIFT CYLINDER ASSEMBLY - R.H.**	1	
		- INCLUDES ITEMS 38 to 59		
	46622	**REPAIR KIT FOR 46023 & 51015** - CYLINDER ASSEMBLIES	1 ea.	
		- INCLUDES ITEMS 39, 40, 43 to 46, 48, 52, 54 & 59		
38	872	SHIM	2	
39	12035	ROD WIPER	1	
40	12037	ROD SEAL	1	
41	17608	CYLINDER NUT	1	
42	42184	STOP TUBE	1	
43	43074	WEAR RING	1	
44	43075	PISTON SEAL	1	
45	44244	O-RING	1	
46	44266	BACK-UP RING	1	
47	46089	BALL CAP - MATCHED SET	1	Repair Part
48	45639	PISTON WEAR RING	1	
49	45734	GLAND	1	
50	45737	PISTON	1	
51	**45749**	**PISTON ROD ASSEMBLY**	1	
		- INCLUDES ITEMS 38, 47 & 55 to 58		
52	45890	BUFFER RING	1	
53	46024	BARREL	1	
54	12A-224	O-RING	1	
55	28B-04	GREASE FITTING	1	
56	50A-1028	BOLT	2	
57	14A-10	LOCKWASHER	2	
58	30A-10	NUT	2	
59	50A-1622	BOLT	1	
	56758	**MOVEABLE POINT LOCK CYLINDER ASSEMBLY**	1	
		- INCLUDES ITEMS 60 to 75		
	54436	**REPAIR KIT FOR 56758** - CYLINDER ASSEMBLY	1 ea.	
		- INCLUDES ITEMS 60, 61, 63 to 66, 68, 73 & 75		
60	12035	ROD WIPER	1	
61	12037	ROD SEAL	1	
62	13007	CYLINDER NUT	1	
63	53799	PISTON SEAL	2	
64	43074	WEAR RING	1	
65	44245	O-RING	1	
66	44344	BACK-UP RING	1	
67	45735	GLAND	1	
68	45890	BUFFER RING	1	
69	48660	PISTON ROD	1	
70	56757	PISTON	1	
71	49809	BARREL	1	
72	51014	WEAR RING	1	
73	12A-224	O-RING	1	
74	28A-04	GREASE FITTING	1	
75	50A-2032	BOLT	1	

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BLADE LIFT ASSEMBLY - MOVEABLE POINT

JULY 1989

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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

700 SERIES
SERIE 700

SECTION 3 PAGE 7
SECCION PAGINA

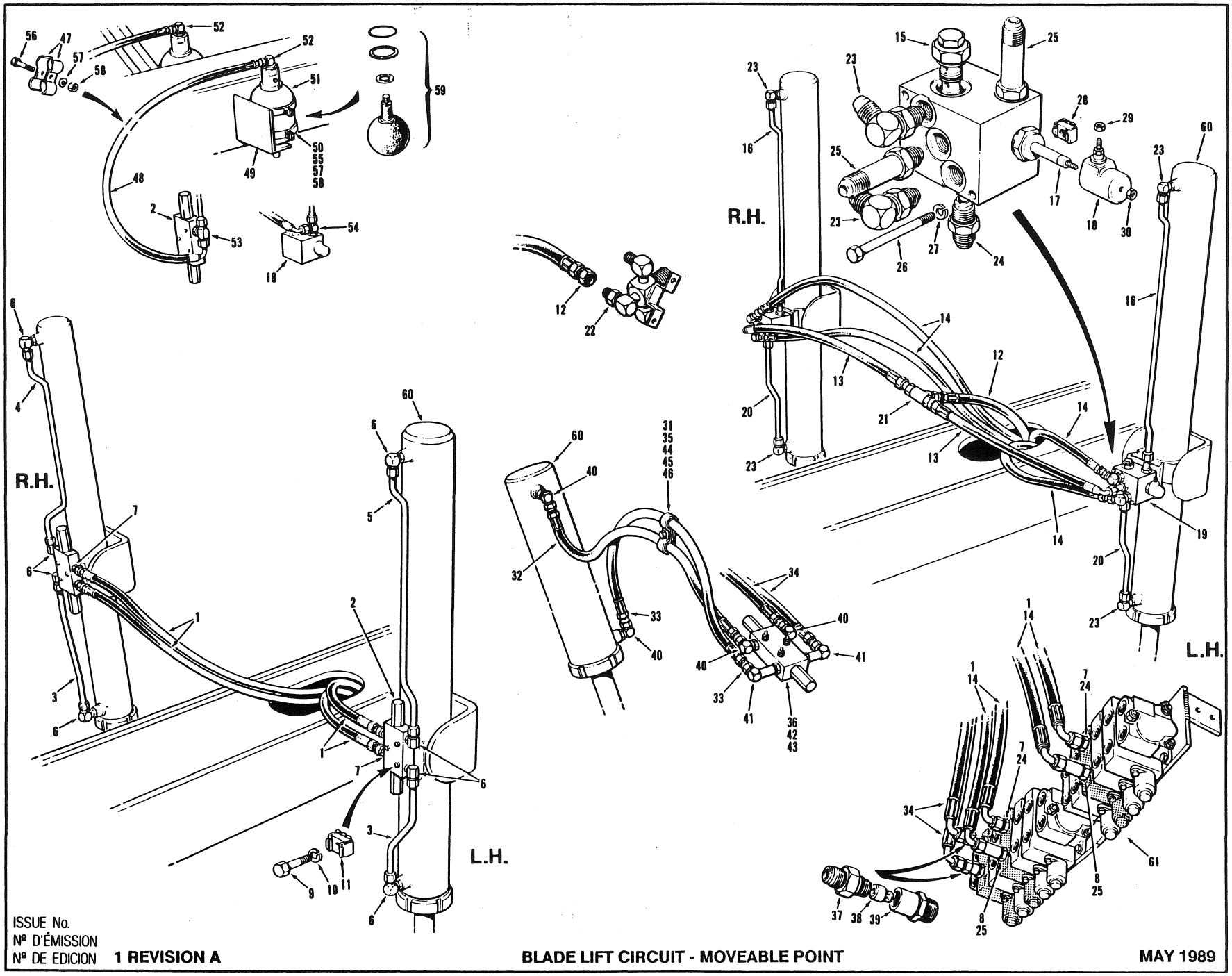
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BLADE LIFT ASSEMBLY - MOVEABLE POINT

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	12732	SHIM - BEARING	40	
2	12767	BEARING	4	
3	17698	CAP - BALL THRUST	4	
4	18859	V-RING	4	
5	19630	BEARING	2	
6	30204	RETAINER PLATE	2	
7	32006	STIRRUP ASSY.	2	
8	32011	BEARING	4	
9	32012	BEARING	2	
10	35208	SHIM - .010	10	
11	35209	SHIM - .005	3	
12	45408	KEEPER - SHAFT	1	
13	45410	LOCK CYLINDER LUG	2	REPAIR PART
14	45490	PIN	1	
15	48457	ARM	1	
16	48560	CAP	2	
17	*48922	CAP	2	
18	*53175	SHIM	A.R.	
19	14A-06	LOCKWASHER	4	
20	14A-08	LOCKWASHER	24	
21	14A-12	LOCKWASHER	4	
22	19B-300	SNAP RING	1	
23	28A-04	GREASE FITTING	?	
24	31A-28	NUT	2	
25	31D-28	JAM NUT	2	
26	50A-0604	BOLT	2	
27	50A-0812	BOLT	24	
28	50A-1236	BOLT	4	
29		BLADE LIFT CYLINDER ASSEMBLY	REF.	SECTION 3 PAGE 6
30		MOVEABLE POINT LOCK CYLINDER	REF.	SECTION 3 PAGE 6

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BLADE LIFT CIRCUIT - MOVEABLE POINT

MAY 1989

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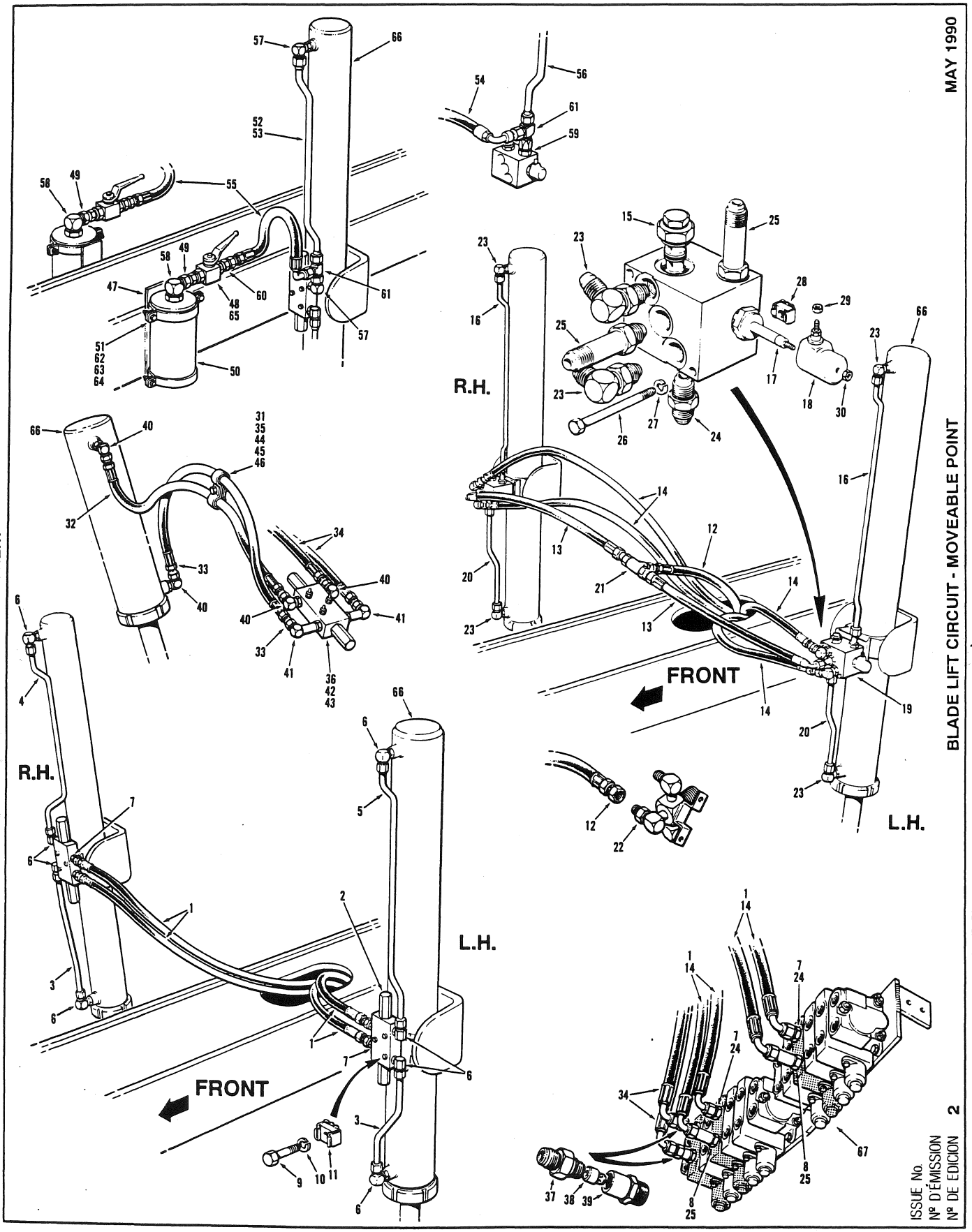
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BLADE LIFT CIRCUIT - MOVEABLE POINT

MAY 1989

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		CIRCUIT WITH COUNTERBALANCE VALVES		STANDARD 710 thru 780A
1	14382X135	HOSE	4	
2	34951	COUNTERBALANCE VALVE	2	
3	45892	TUBE	2	
4	45893	TUBE - R.H.	1	
5	45894	RUBE - L.H.	1	
6	111B-0808	CONNECTOR	8	
7	111E-0808	CONNECTOR	6	
8	*111F-0808	CONNECTOR	2	
9	50A-0414	BOLT	6	
10	14A-04	LOCKWASHER	6	
11	38A-0402	CAGE NUT	6	
	23712	SEAL KIT FOR 34951 COUNTERBALANCE VALVE	A.R.	
		BLADE LIFT CIRCUIT WITH FLOAT VALVES		OPTIONAL 710 thru 780A
12	*9313 x 110	HOSE	1	
13	14382 x 36	HOSE	2	
14	14382 x 135	HOSE	4	
15	27549	CARTRIDGE	4	
16	45894	TUBE	2	
17	46665	SOLENOID CARTRIDGE	2	
18	46667	COIL	4	
19	46668	FLOAT VALVE ASSEMBLY - INCLUDES ITEMS 17, 18, 29 & 30	2	
20	49183	TUBE	2	
21	110AA-08	TEE	1	
22	110AH-0812	REDUCER	1	
23	111B-0808	CONNECTOR	8	
24	111E-0808	CONNECTOR	4	
25	111F-0808	CONNECTOR	6	
26	50A-0532	BOLT	4	
27	14A-05	LOCKWASHER	4	
28	38A-0502	CAGE NUT	4	
29	32A-08	NUT	4	
30	33E-10	BRASS NUT	4	
	27548	SEAL KIT FOR 46668 FLOAT VALVE	A.R.	
		LOCK CYLINDER CIRCUIT		
31	*9298	RUBBER PAD	2	
32	*9313 x 48	HOSE	1	
33	*9313 x 53.5	HOSE	1	
34	*14382 x 115	HOSE	2	
35	*27756	CLAMP	2	
36	*34951	COUNTER BALANCE VALVE	1	
37	*48552	O RING ADAPTER	2	
38	*48554	RESTRICTOR	2	
39	*49369	ORIFICE BODY	2	
40	*111B-0808	CONNECTOR	4	
41	111Q-0808	CONNECTOR	2	
42	*14A-04	LOCKWASHER	3	
43	*30A-04	NUT	3	
44	*50A-0610	BOLT	1	
45	*14A-06	LOCKWASHER	1	
46	*30A-06	NUT	1	
		ACCUMULATOR INSTALLATION		OPTIONAL
47	1008	CLAMP	4	
48	14382 x 52	HOSE	2	
49	15754	BRACKET	2	REPAIR PART
50	15755	BAND	2	
51	45807	ACCUMULATOR	2	
52	111B-0820	CONNECTOR	2	
53	111C-0806	TEE - (USE WITH ITEM 2)	2	
54	111D-0808	TEE - (USE WITH ITEM 19)	2	
55	50A-0612	BOLT	4	
56	50A-0616	BOLT	2	
57	14A-06	LOCKWASHER	2	
58	30A-06	NUT	2	
	16042	ACCUMULATOR CHARGING KIT - CONSISTS OF:	A.R.	
		PRESSURE GAUGE, ADAPTER, AIR CHUCK, TANK VALVE, BLEEDER VALVE } GAUGING HEAD ASSY.		
		SWIVEL FITTING, HOSE, COUPLING, GLAND, L.H. NUT } CHARGING HOSE ASSY.		
59	46266	ACCUMULATOR BLADDER KIT CONSISTS OF: O RING, RETAINING RING, SEAL & BLADDER	1	
60		HYDRAULIC CYLINDER ASSEMBLY	REF.	SECTION 3 PAGE 6
61		HYDRAULIC MANIFOLD ASSEMBLY	REF.	SECTION 4 PAGE 8



CHAMPION ROAD MACHINERY

BLADE LIFT CIRCUIT - MOVEABLE POINT

MAY 1990

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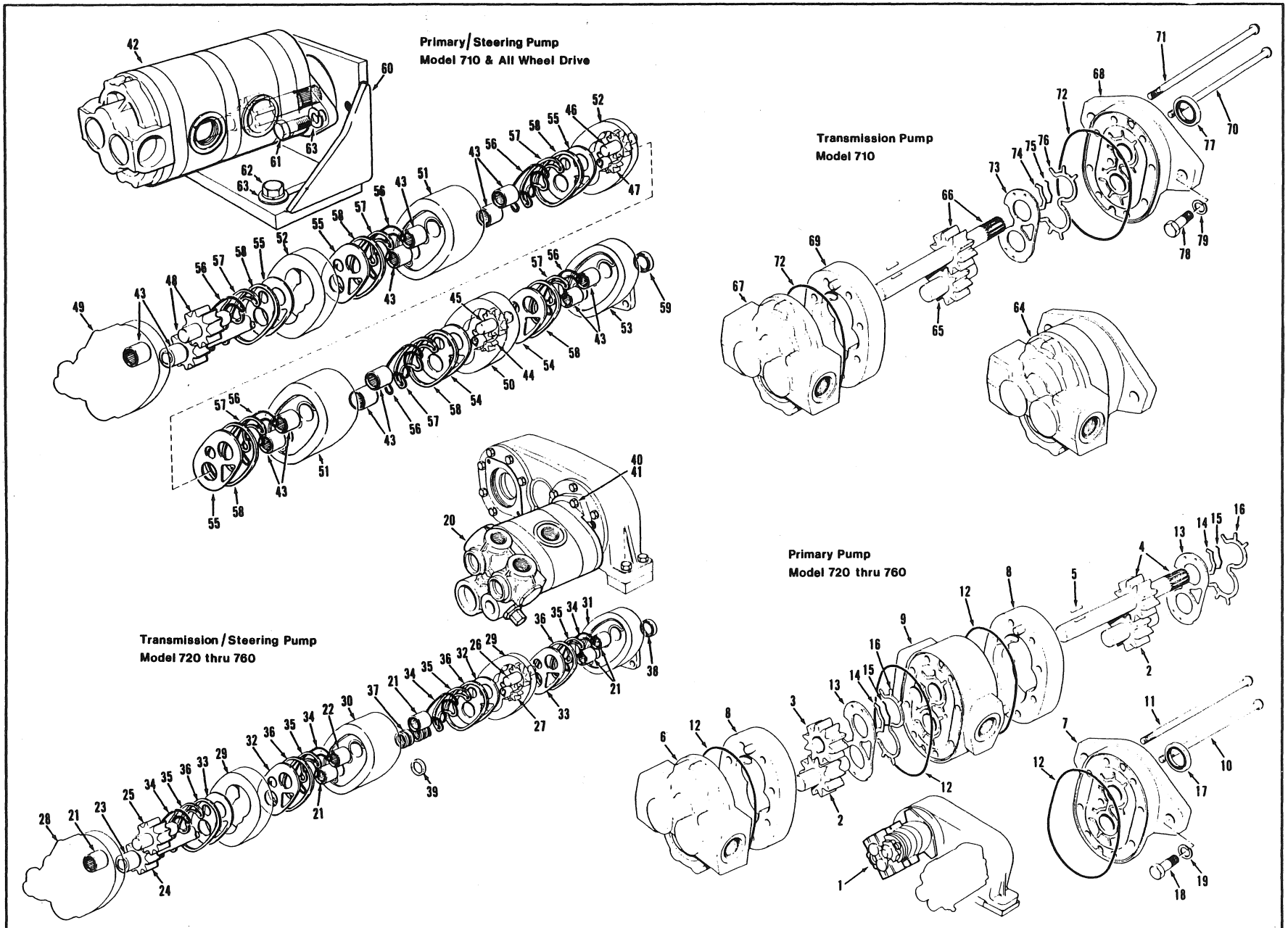
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700 SERIES
SERIE 700

SECTION 3 PAGE 9
SECCION PAGINA

BLADE LIFT CIRCUIT - MOVEABLE POINT

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		CIRCUIT WITH COUNTERBALANCE VALVES		STANDARD 710 thru 780A
1	14382 x 135	HOSE	4	
2	34951	COUNTERBALANCE VALVE	2	
	23712	SEAL KIT FOR 34951 COUNTERBALANCE VALVE	A.R.	
3	45892	TUBE	2	
4	45893	TUBE - R.H.	1	
5	45894	RUBE - L.H.	1	
6	111B-0808	CONNECTOR	8	
7	111E-0808	CONNECTOR	6	
8	111F-0808	CONNECTOR	2	
9	50A-0414	BOLT	6	
10	14A-04	LOCKWASHER	6	
11	38A-0402	CAGE NUT	6	
		BLADE LIFT CIRCUIT WITH FLOAT VALVES		OPTIONAL 710 thru 780A
12	9313 x 110	HOSE	1	
13	14382 x 36	HOSE	2	
14	14382 x 135	HOSE	4	
15	27549	CARTRIDGE	4	
16	45894	TUBE	2	
17	46665	SOLENOID CARTRIDGE	2	
18	46667	COIL	4	
19	46668	FLOAT VALVE ASSEMBLY - INCLUDES ITEMS 15, 17, 18, 29 & 30	2	
	27548	SEAL KIT FOR 46668 FLOAT VALVE	A.R.	
20	49183	TUBE	2	
21	110AA-08	TEE	1	
22	110AH-0812	REDUCER	1	
23	111B-0808	CONNECTOR	8	
24	111E-0808	CONNECTOR	4	
25	111F-0808	CONNECTOR	6	
26	50A-0532	BOLT	4	
27	14A-05	LOCKWASHER	4	
28	38A-0502	CAGE NUT	4	
29	32A-08	NUT	4	
30	33E-10	BRASS NUT	4	
		LOCK CYLINDER CIRCUIT		
31	9298	RUBBER PAD	2	
32	9313 x 48	HOSE	1	
33	9313 x 53.5	HOSE	1	
34	14382 x 115	HOSE	2	
35	27756	CLAMP	2	
36	34951	COUNTERBALANCE VALVE	1	
37	48552	O RING ADAPTER	2	
38	48554	RESTRICTOR	2	
39	49369	ORIFICE BODY	2	
40	111B-0808	CONNECTOR	4	
41	111Q-0808	CONNECTOR	2	
42	14A-04	LOCKWASHER	3	
43	30A-04	NUT	3	
44	50A-0610	BOLT	1	
45	14A-06	LOCKWASHER	1	
46	30A-06	NUT	1	
		ACCUMULATOR INSTALLATION		OPTIONAL
47	*54883	BRACKET	2	REPAIR PART
48	*54911	VALVE	2	
49	*54912	CONNECTOR	2	
50	*54913	ACCUMULATOR	2	
	*56473	SEAL KIT FOR 54913 CONSISTS OF: O RING - 1, SEAL RING - 1, SQ. SEAL RING - 2, PISTON RING - 2	A.R.	
	*56474	GAUGE FOR CHARGING KIT	A.R.	
	*56475	CHARGING KIT	A.R.	
51	*55029	CLAMP	4	
52	*55070	TUBE - R.H. - USE WITH ITEM 2	1	
53	*55071	TUBE - L.H. - USE WITH ITEM 2	1	
54	*55105 x 36	HOSE- USE WITH ITEM 19	2	
55	*55105 x 48	HOSE- USE WITH ITEM 2	2	
56	*55252	TUBE- USE WITH ITEM 19	2	
57	*111B-1208	CONNECTOR	2 - 4	
58	*111B-1220	CONNECTOR	2	
59	*111E-1208	CONNECTOR	2	
60	*111E-1212	CONNECTOR	2	
61	*112C-12	TEE	2	
62	*50A-0612	BOLT	8	
63	14A-06	LOCKWASHER	8	
64	50A-06	NUT	8	
65	*56874	HANDLE	REF.	REPAIR PART
66		HYDRAULIC CYLINDER ASSEMBLY	REF.	SECT. 3 PG. 6
67		HYDRAULIC MANIFOLD ASSEMBLY	REF.	SECT. 4 PG. 8



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HYDRAULIC PUMPS

FEBRUARY 1988

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700 SERIES
SERIE 700

SECTION 4 PAGE 1
SECCION PAGINA

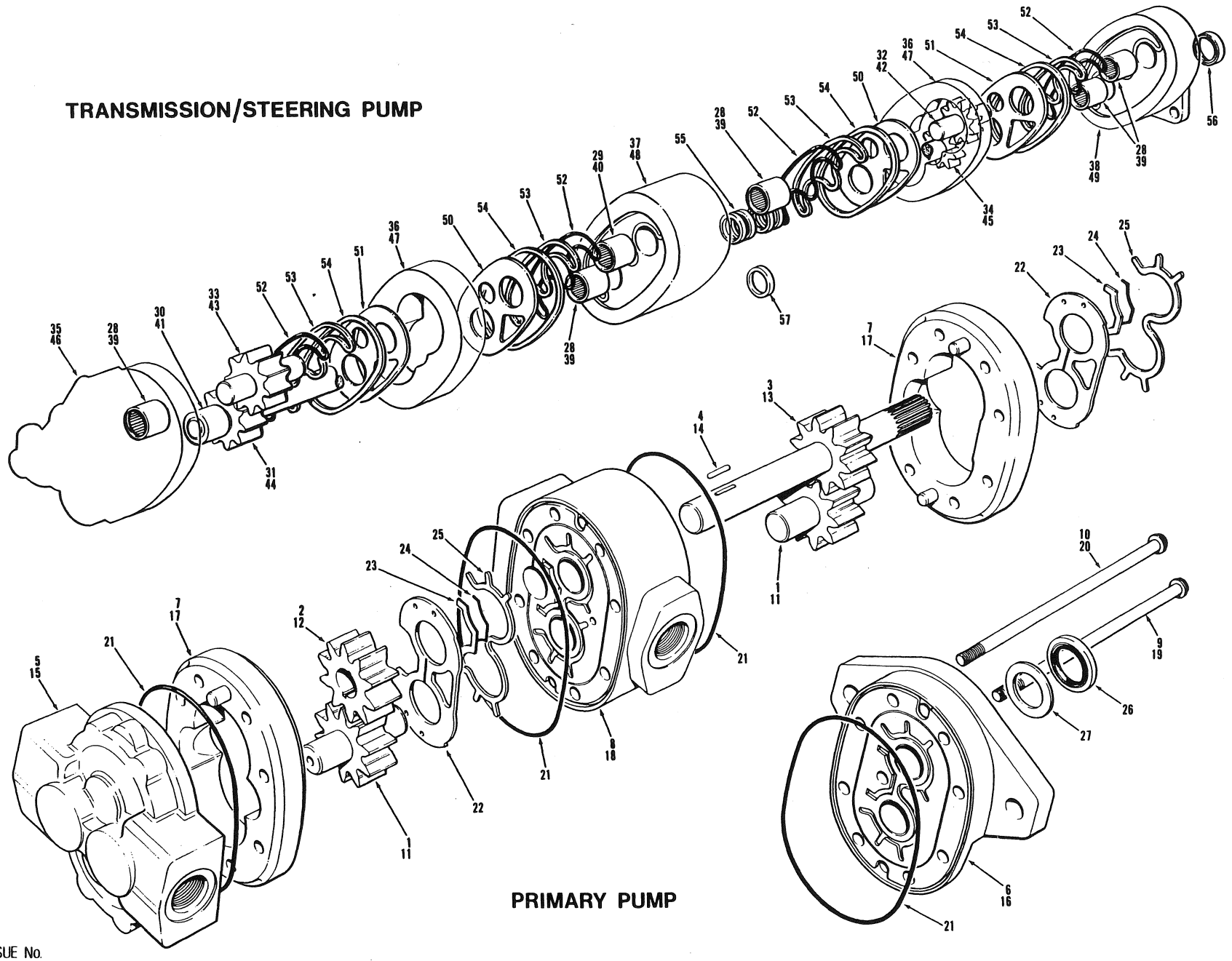
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No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		HYDRAULIC PUMP - PRIMARY		720 THRU 760A
1	27895	HYDRAULIC PUMP ASSY. - C/W ITEMS 2 TO 17	1	
2	33570	IDLER GEAR ASSY.	2	
3	33571	SLIP FIT GEAR	1	
4	33572	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
5	34655	KEY	1	
6		BACK PLATE ASSY.	1	
7		FRONT PLATE ASSY.	1	
8		BODY ASSY. — NOT AVAILABLE SEPARATELY	2	
9		ADAPTER PLATE ASSY.	1	
10		BOLT	4	
11		BOLT	4	
	33288	REPAIR KIT - C/W ITEMS 12 TO 17	1	
12		O RING	4	
13		WEAR PLATE	2	
14		SEAL	2	
15		O RING - MOLDED	2	
16		GASKET	2	
17		OIL SEAL	1	
18	57A-0810	BOLT	2	
19	14A-08	LOCKWASHER	2	
		HYDRAULIC PUMP - TRANSMISSION & STEERING		720 THRU 760A
20	*46443	HYDRAULIC PUMP ASSY. - C/W ITEMS 21 TO 39	1	
21	27529	BEARING	5	
22	27532	BEARING	1	
23	27533	BEARING	1	
24	34403	DRIVE SHAFT - C/W GEAR & SHAFT	1	
25	37409	IDLER GEAR	1	
26	37414	IDLER GEAR	1	
27	37416	SLIP GEAR	1	
28		COVER ASSY.	1	
29		GEAR PLATE — NOT AVAILABLE SEPARATELY	2	
30		BEARING PLATE	1	
31		FRONT PLATE	1	
	*48499	REPAIR KIT - C/W ITEMS 32 TO 39	1	
32		WEAR PLATE	2	
33		WEAR PLATE - GROOVED	2	
34		E RING	4	
35		E SEAL	4	
36		SEAL RING	4	
37	*	OIL SEAL	8	
38		OIL SEAL	1	
39		BACK UP RING	1	
	34405	REPAIR KIT - C/W ITEMS 21 TO 24 & 32 TO 35	1	
40	57A-0810	BOLT	2	
41	14A-08	LOCKWASHER	2	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		HYDRAULIC PUMP - PRIMARY & STEERING		710/710A & ALL MODELS WITH A.W.D.
42	34944	HYDRAULIC PUMP ASSY. - C/W ITEMS 43 TO 59	1	
43	27529	BEARING	12	
44	37047	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
45	37411	IDLER GEAR	1	
46	37415	IDLER GEAR	1	
47	37418	SLIP GEAR	1	
48	37419	IDLER GEAR	2	
49		COVER ASSY.	1	
50		GEAR PLATE	1	
51		BEARING PLATE — NOT AVAILABLE SEPARATELY	2	
52		GEAR PLATE	2	
53		FRONT PLATE	1	
	24220	REPAIR KIT - C/W ITEMS 54 TO 59	1	
54		WEAR PLATE	2	
55		WEAR PLATE - GROOVED	4	
56		E RING	6	
57		E SEAL	6	
58		SEAL	6	
59		OIL SEAL	1	
60	40293	MOUNTING BRACKET	1	
61	50A-0810	BOLT	2	
62	50A-0814	BOLT	4	
63	14A-08	LOCKWASHER	6	
		HYDRAULIC PUMP - TRANSMISSION		710/710A & A.W.D. 710 & 710A
64	36574	HYDRAULIC PUMP ASSY. - C/W ITEMS 65 TO 77	1	
65	37166	IDLER GEAR	1	
66	37167	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
67		BACK PLATE ASSY.	1	
68		FRONT PLATE ASSY.	1	
69		BODY ASSY. — NOT AVAILABLE SEPARATELY	1	
70		BOLT	4	
71		BOLT	4	
	37103	REPAIR KIT - C/W ITEMS 72 TO 77	1	
72		O RING	2	
73		WEAR PLATE	1	
74		SEAL	1	
75		O RING - MOLDED	1	
76		GASKET	1	
77		OIL SEAL	1	
78	350A-12075	BOLT	2	
79	14A-08	LOCKWASHER	2	

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

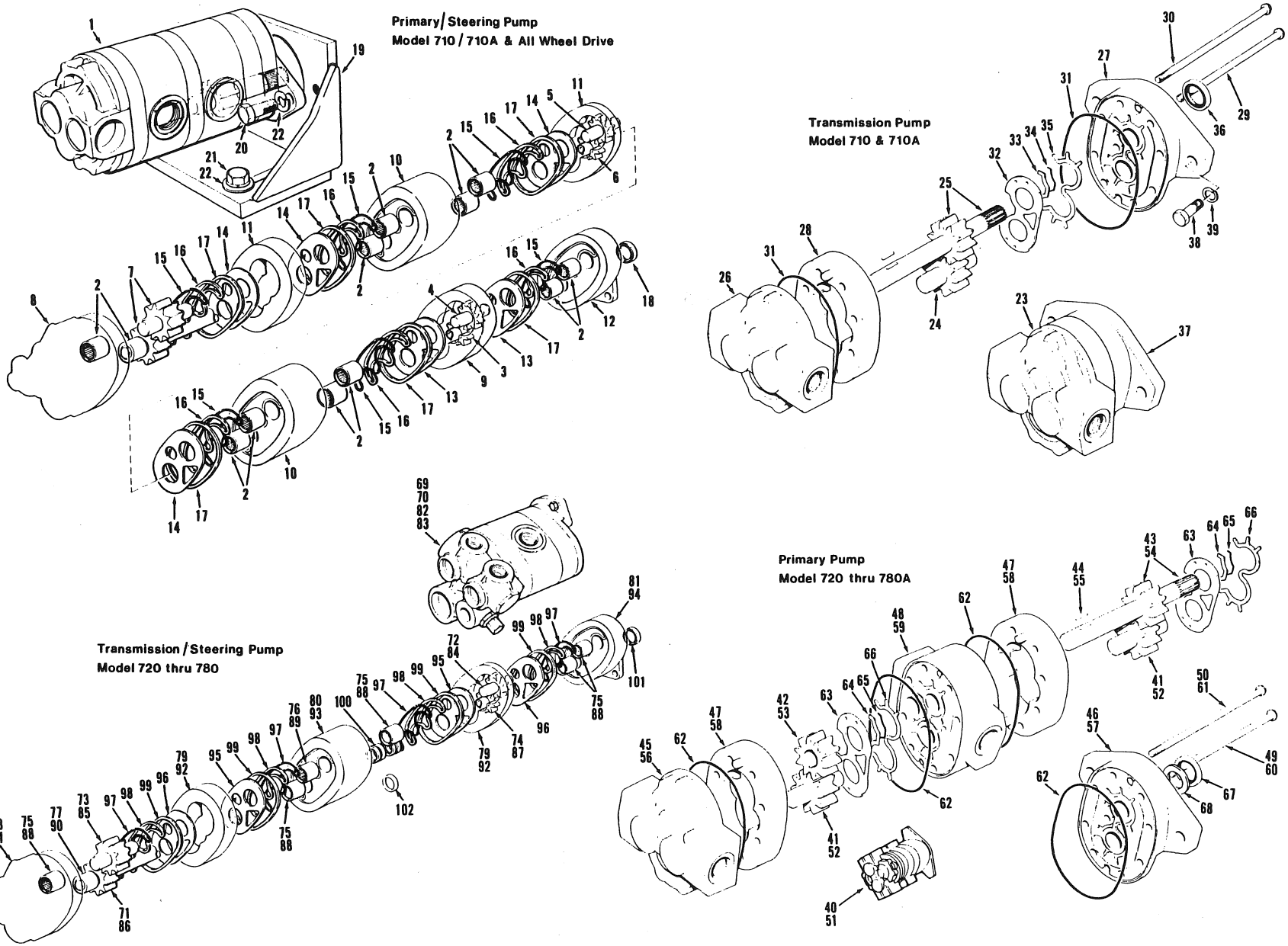
TRANSMISSION/STEERING PUMP



PRIMARY PUMP

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		HYDRAULIC PUMP - PRIMARY		710 THRU 730A
	41859	HYDRAULIC PUMP ASSY. - C/W ITEMS 1 TO 10	1	
1	45873	IDLER GEAR ASSY.	2	
2	45874	SLIP FIT GEAR	1	
3	45875	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
4		KEY	1	
5		BACK PLATE ASSY.	1	NOT AVAILABLE SEPARATELY
6		FRONT PLATE ASSY.	1	
7		BODY ASSY.	2	
8		ADAPTER PLATE ASSY.	1	
9		BOLT	4	
10		BOLT	4	
		HYDRAULIC PUMP - PRIMARY		740 THRU 780A
	41860	HYDRAULIC PUMP ASSY. - C/W ITEMS 11 TO 20	1	
11	33570	IDLER GEAR ASSY.	2	
12	33571	SLIP FIT GEAR	1	
13	33572	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
14		KEY	1	
15		BACK PLATE ASSY.	1	NOT AVAILABLE SEPARATELY
16		FRONT PLATE ASSY.	2	
17		BODY ASSY.	1	
18		ADAPTER PLATE ASSY.	1	
19		BOLT	4	
20		BOLT	4	
	33288	REPAIR KIT - C/W ITEMS 21 TO 27	1	USED FOR 41859 & 41860
21		O RING	4	
22		WEAR PLATE	2	
23		SEAL	2	
24		O RING - MOLDED	2	
25		GASKET	2	
26		OIL SEAL	1	
27		WASHER	1	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		HYDRAULIC PUMP - TRANSMISSION & STEERING		710 THRU 780A
	41858	HYDRAULIC PUMP ASSY. - C/W ITEMS 28 TO 38	1	
28	*27529	BEARING	5	
29	*27532	BEARING	1	
30	*27533	BEARING	1	
31	37408	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
32	37413	IDLER GEAR	1	
33	37414	IDLER GEAR	1	
34	37416	SLIP FIT GEAR	1	
35		COVER ASSY.	1	NOT AVAILABLE SEPARATELY
36		GEAR PLATE	2	
37		BEARING PLATE	1	
38		FRONT PLATE	1	
		HYDRAULIC PUMP - TRANSMISSION & STEERING		A.W.D.
	42047	HYDRAULIC PUMP ASSY. - C/W ITEMS 39 TO 49	1	
39	*27529	BEARING	5	
40	*27532	BEARING	1	
41	*27533	BEARING	1	
42	45876	IDLER GEAR ASSY.	1	
43	45877	IDLER GEAR ASSY.	1	
44	45878	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
45	45879	SLIP FIT GEAR	1	
46		COVER ASSY.	1	NOT AVAILABLE SEPARATELY
47		GEAR PLATE	2	
48		BEARING PLATE	1	
49		FRONT PLATE	1	
	18611	REPAIR KIT - C/W ITEMS 50 TO 57	1	USED FOR 41858 & 42047
50		WEAR PLATE	2	
51		WEAR PLATE - GROOVED	2	
52		E RING	4	
53		E SEAL	4	
54		SEAL RING	4	
55		OIL SEAL	4	
56		OIL SEAL	1	
57		BACK UP RING	1	
	* NOTE	41858 PUMP IS REPLACED BY 46043 42047 PUMP IS REPLACED BY 46226 FA-KITS ARE REQUIRED TO CONNECT NEW PUMPS TO HYDRAULIC CIRCUIT. FA-310 FOR ARTICULATED MACHINES FA-311 FOR RIGID MACHINES FA-312 FOR TROPICAL PROTECTION PACKAGE		REF. SECTION 6 PAGE 6



EFFECTIVE SERIAL NUMBER(S) 17376,17377,17378,
NUMERO(S) DE SÉRIE EFFECTIF(S) 17382 TO 17932
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2572-2 & UP

700 SERIES
SERIE 700

SECTION 4 PAGE 1
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

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Nº DE EDICION 3 REVISION B

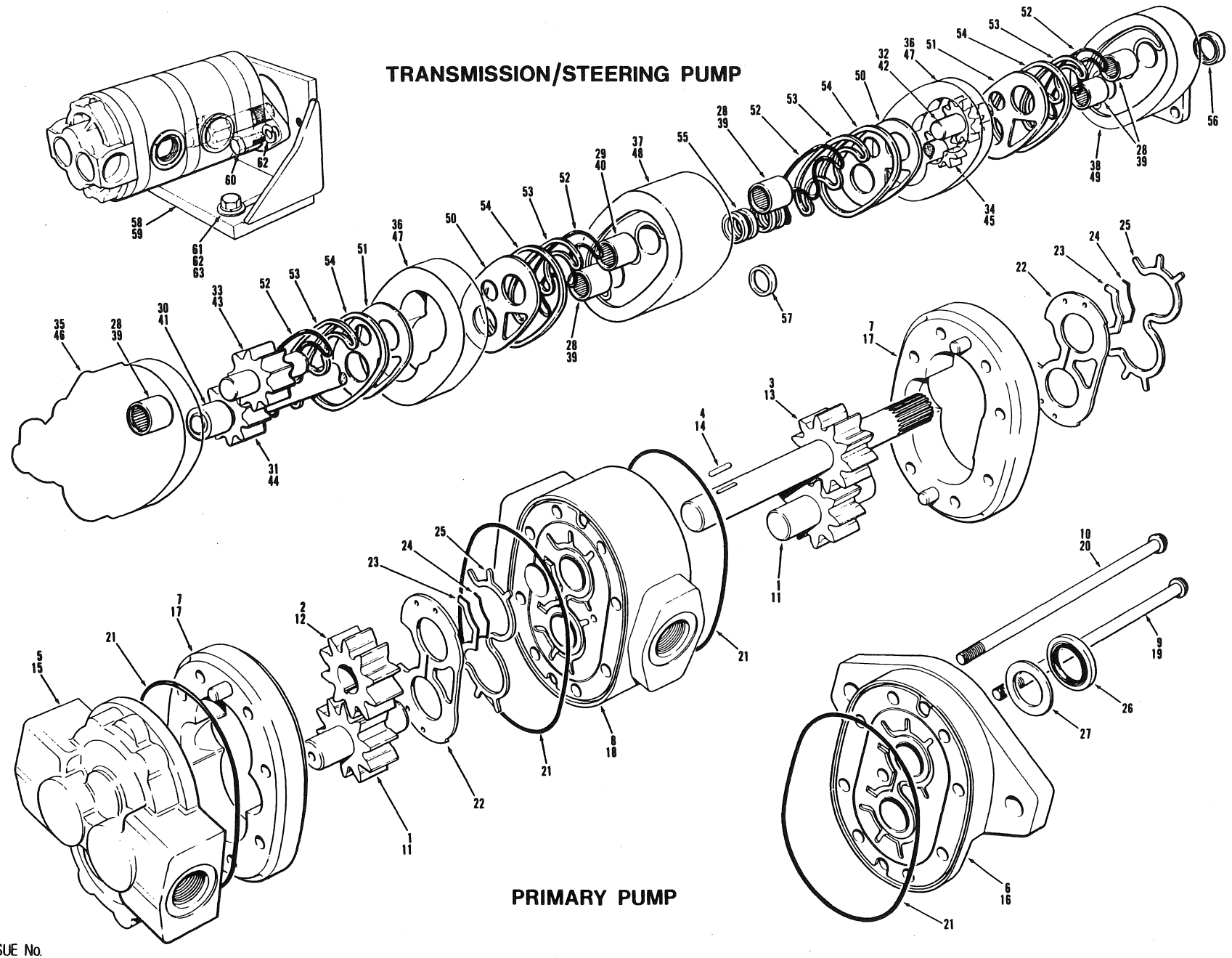
HYDRAULIC PUMPS

FEBRUARY 1988

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		HYDRAULIC PUMP - PRIMARY & STEERING		710 & 710A
1	34944	HYDRAULIC PUMP ASSY. - C/W ITEMS 2 TO 12	1	
2	27529	BEARING	12	
3	37047	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
4	37411	IDLER GEAR	1	SERIAL NO.
5	37415	IDLER GEAR	1	17376,
6	37418	SLIP GEAR	1	17377,
7	37419	IDLER GEAR	2	17378,
8		COVER ASSY.	1	17382 & UP
9		GEAR PLATE	1	
10		BEARING PLATE — NOT AVAILABLE SEPARATELY	2	
11		GEAR PLATE	2	
12		FRONT PLATE	1	
	24220	REPAIR KIT - C/W ITEMS 13 TO 18 USED ON	1	34944
13		WEAR PLATE	2	
14		WEAR PLATE - GROOVED	4	
15		E RING	6	
16		E SEAL	6	
17		SEAL	6	
18		OIL SEAL	1	
19	40293	MOUNTING BRACKET	1	
20	50A-0810	BOLT	2	
21	50A-0814	BOLT	4	
22	14A-08	LOCKWASHER	6	
		HYDRAULIC PUMP - TRANSMISSION	1	710 & 710A
23	36574	HYDRAULIC PUMP ASSY. - C/W ITEMS 23 TO 30	1	
24	37166	IDLER GEAR ASSY.	1	SERIAL NO.
25	37167	DRIVE GEAR ASSY. - C/W GEAR & SHAFT	1	17376,
26		BACK PLATE ASSY.	1	17377,
27		FRONT PLATE ASSY. — NOT AVAILABLE SEPARATELY	1	17378,
28		BODY ASSY.	1	17382 & UP
29		BOLT	4	
30		BOLT	4	
	37103	REPAIR KIT - C/W ITEMS 31 TO 36 USED ON	1	36574
31		O RING	2	
32		WEAR PLATE	1	
33		SEAL	1	
34		O RING - MOLDED	1	
35		GASKET	1	
36		OIL SEAL	1	
37	42794	GASKET	1	
38	350A-12075	BOLT	2	
39	14A-08	LOCKWASHER	2	
		HYDRAULIC PUMP - PRIMARY		720 THRU 730A
40	41859	HYDRAULIC PUMP ASSY. - C/W ITEMS 41 TO 50	1	
41	45873	IDLER GEAR ASSY.	2	
42	45874	SLIP FIT GEAR	1	
43	45875	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
44		KEY	1	
45		BACK PLATE ASSY.	1	
46		FRONT PLATE ASSY. — NOT AVAILABLE SEPARATELY	1	
47		BODY ASSY.	2	
48		ADAPTER PLATE ASSY.	1	
49		BOLT	4	
50		BOLT	4	
		HYDRAULIC PUMP - PRIMARY		740 THRU 780A
51	41860	HYDRAULIC PUMP ASSY. C/W ITEMS 52 TO 61	1	
52	33570	IDLER GEAR ASSY.	2	
53	33571	SLIP FIT GEAR	1	
54	33572	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
55		KEY	1	
56		BACK PLATE ASSY.	1	
57		FRONT PLATE ASSY. — NOT AVAILABLE SEPARATELY	1	
58		BODY ASSY.	2	
59		ADAPTER PLATE ASSY.	1	
60		BOLT	4	
61		BOLT	4	
	33288	REPAIR KIT - C/W ITEMS 62 TO 68 USED FOR	1	41859 41860
62		O RING	4	
63		WEAR PLATE	2	
64		SEAL	2	
65		O RING - MOLDED	2	
66		GASKET	2	
67		OIL SEAL	1	
68		WASHER	1	
69		HYDRAULIC PUMP - TRANSMISSION & STEERING		720 THRU 780A
70	41858	HYDRAULIC PUMP ASSY. - C/W ITEMS 71 TO 81	1	
71	37408	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
72	37413	IDLER GEAR	1	
73	37414	IDLER GEAR	1	
74	37416	SLIP FIT GEAR	1	
75	*27529	BEARING	5	
76	*27532	BEARING	1	
77	*27533	BEARING	1	
78		COVER ASSY.	1	
79		GEAR PLATE — NOT AVAILABLE SEPARATELY	2	
80		BEARING PLATE	1	
81		FRONT PLATE	1	
82		HYDRAULIC PUMP - TRANSMISSION & STEERING		A.W.D.
83	42047	HYDRAULIC PUMP ASSY. - C/W ITEMS 84 TO 94	1	
84	45876	IDLER GEAR ASSY.	1	
85	45877	IDLER GEAR ASSY.	1	
86	45878	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
87	45879	SLIP FIT GEAR	1	
88	*27529	BEARING	5	
89	*27532	BEARING	1	
90	*27533	BEARING	1	
91		COVER ASSY.	1	
92		GEAR PLATE — NOT AVAILABLE SEPARATELY	2	
93		BEARING PLATE	1	
94		FRONT PLATE	1	
	18611	REPAIR KIT - C/W ITEMS 95 TO 102 USED FOR	1	41858 42047
95		WEAR PLATE	2	
96		WEAR PLATE - GROOVED	2	
97		E RING	4	
98		E SEAL	4	
99		SEAL RING	4	
100		OIL SEAL	4	
101		OIL SEAL	1	
102		BACK UP RING	1	
	* NOTE	41858 PUMP IS REPLACED BY 46043		
		42047 PUMP IS REPLACED BY 46226		
		FA-KITS ARE REQUIRED TO CONNECT NEW PUMPS TO HYDRAULIC CIRCUIT.		REF. SECTION 6 PAGE 6
		FA-310 FOR ARTICULATED MACHINES		
		FA-311 FOR RIGID MACHINES		
		FA-312 FOR TROPICAL PROTECTION PACKAGE		

EFFECTIVE SERIAL NUMBER(S) 17933 TO 18466
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)



700 SERIES
SERIE 700

SECTION 4 PAGE 1
SECCION PAGINA

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HYDRAULIC PUMPS

FEBRUARY 1988

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		HYDRAULIC PUMP - PRIMARY		710 THRU 730A
	41859	HYDRAULIC PUMP ASSY. - C/W ITEMS 1 TO 10	1	
1	45873	IDLER GEAR ASSY.	2	
2	45874	SLIP FIT GEAR	1	
3	45875	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
4		KEY	1	
5		BACK PLATE ASSY.	1	
6		FRONT PLATE ASSY.	1	
7		BODY ASSY.	2	
8		ADAPTER PLATE ASSY.	1	
9		BOLT	4	
10		BOLT	4	
		HYDRAULIC PUMP - PRIMARY		740 THRU 780A
	41860	HYDRAULIC PUMP ASSY. - C/W ITEMS 11 TO 20	1	
11	33570	IDLER GEAR ASSY.	2	
12	33571	SLIP FIT GEAR	1	
13	33572	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
14		KEY	1	
15		BACK PLATE ASSY.	1	
16		FRONT PLATE ASSY.	2	
17		BODY ASSY.	1	
18		ADAPTER PLATE ASSY.	1	
19		BOLT	4	
20		BOLT	4	
	33288	REPAIR KIT - C/W ITEMS 21 TO 27	1	USED FOR 41859 & 41860
21		O RING	4	
22		WEAR PLATE	2	
23		SEAL	2	
24		O RING - MOLDED	2	
25		GASKET	2	
26		OIL SEAL	1	
27		WASHER	1	
		HYDRAULIC PUMP - TRANSMISSION & STEERING		710 THRU 780A
	41858	HYDRAULIC PUMP ASSY. - C/W ITEMS 28 TO 38	1	
28	*27529	BEARING	5	
29	*27532	BEARING	1	
30	*27533	BEARING	1	
31	37408	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
32	37413	IDLER GEAR	1	
33	37414	IDLER GEAR	1	
34	37416	SLIP FIT GEAR	1	
35		COVER ASSY.	1	
36		GEAR PLATE	2	
37		BEARING PLATE	1	
38		FRONT PLATE	1	
		HYDRAULIC PUMP - TRANSMISSION & STEERING		A.W.D.
	42047	HYDRAULIC PUMP ASSY. - C/W ITEMS 39 TO 49	1	
39	*27529	BEARING	5	
40	*27532	BEARING	1	
41	*27533	BEARING	1	
42	45876	IDLER GEAR ASSY.	1	
43	45877	IDLER GEAR ASSY.	1	
44	45878	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
45	45879	SLIP FIT GEAR	1	
46		COVER ASSY.	1	
47		GEAR PLATE	2	
48		BEARING PLATE	1	
49		FRONT PLATE	1	
	18611	REPAIR KIT - C/W ITEMS 50 TO 57	1	USED FOR 41858 & 42047
50		WEAR PLATE	2	
51		WEAR PLATE - GROOVED	2	
52		E RING	4	
53		E SEAL	4	
54		SEAL RING	4	
55		OIL SEAL	4	
56		OIL SEAL	1	
57		BACK UP RING	1	
58	40293	MOUNTING BRACKET	1	710/710A
59	41879	MOUNTING BRACKET	1	720 THRU 780A
60	*50A-0810	BOLT	2	
61	*50A-0814	BOLT	4	
62	*14A-08	LOCKWASHER	6	
63	*14C-08	FLATWASHER	4	

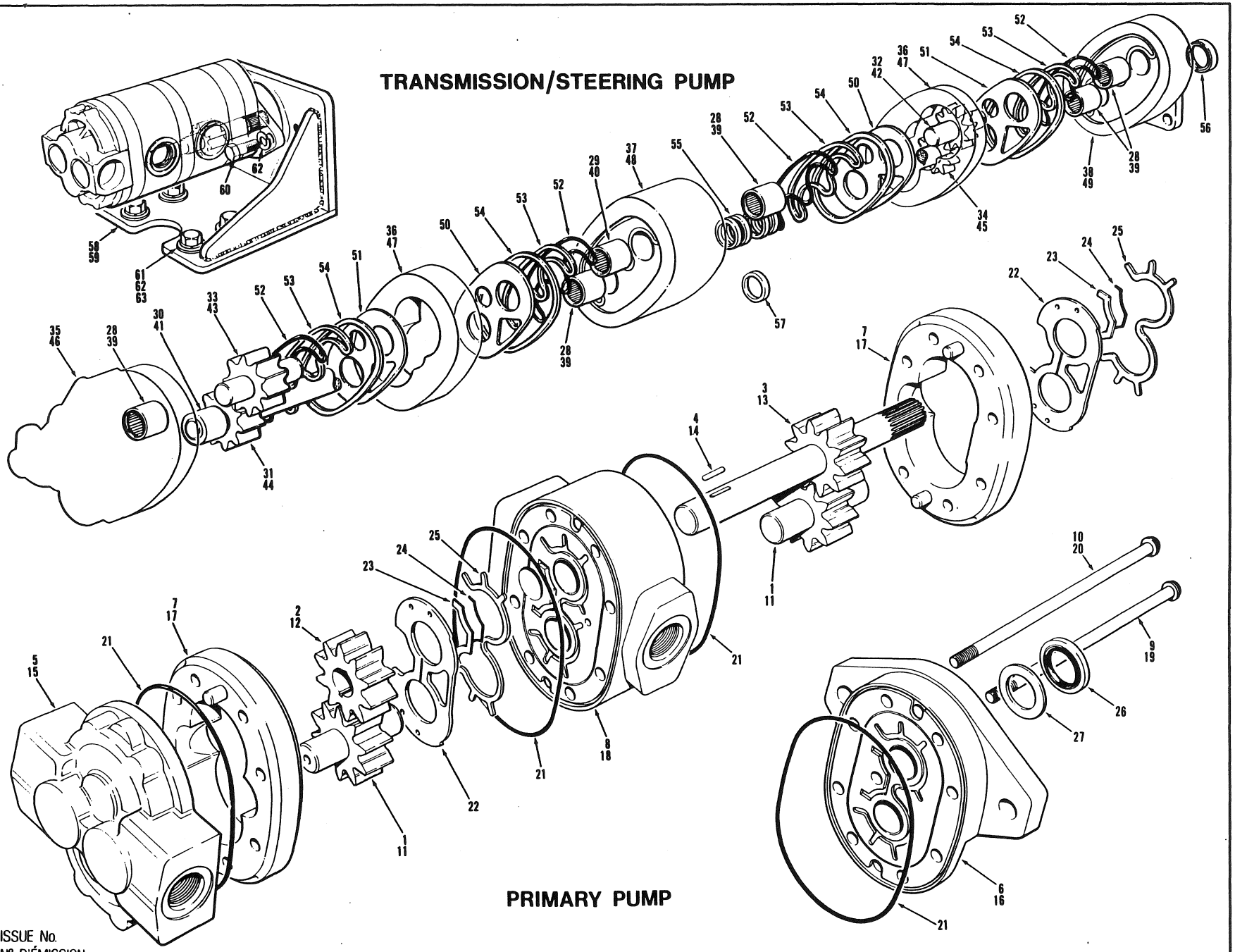
NOT AVAILABLE SEPARATELY

* NOTE

41858 PUMP IS REPLACED BY 46043
42047 PUMP IS REPLACED BY 46226
FA-KITS ARE REQUIRED TO CONNECT NEW PUMPS TO HYDRAULIC CIRCUIT.
FA-310 FOR ARTICULATED MACHINES
FA-311 FOR RIGID MACHINES
FA-312 FOR TROPICAL PROTECTION PACKAGE

REF. SECTION 6 PAGE 6

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS



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Nº DE EDICION
5 REVISION B

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		HYDRAULIC PUMP - PRIMARY		710 THRU 730A
	41859	HYDRAULIC PUMP ASSY. - C/W ITEMS 1 TO 10	1	
1	45873	IDLER GEAR ASSEMBLY	2	
2	45874	SLIP FIT GEAR	1	
3	45875	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
4		KEY	1	
5		BACK PLATE ASSEMBLY	1	
6		FRONT PLATE ASSEMBLY — NOT AVAILABLE SEPARATELY	1	
7		BODY ASSEMBLY	2	
8		ADAPTER PLATE ASSEMBLY	1	
9		BOLT	4	
10		BOLT	4	
	*52459	BOLT & END PLATE KIT FOR 41859 PUMP	A.R.	
		HYDRAULIC PUMP - PRIMARY		740 THRU 780A
	41860	HYDRAULIC PUMP ASSY. - C/W ITEMS 11 TO 20	1	
11	33570	IDLER GEAR ASSEMBLY	2	
12	33571	SLIP FIT GEAR	1	
13	33572	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
14		KEY	1	
15		BACK PLATE ASSEMBLY	1	
16		FRONT PLATE ASSEMBLY — NOT AVAILABLE SEPARATELY	2	
17		BODY ASSEMBLY	1	
18		ADAPTER PLATE ASSEMBLY	1	
19		BOLT	4	
20		BOLT	4	
	33288	REPAIR KIT - C/W ITEMS 21 TO 27	1	USED FOR 41859 & 41860
21		O RING	4	
22		WEAR PLATE	2	
23		SEAL	2	
24		O RING - MOLDED	2	
25		GASKET	2	
26		OIL SEAL	1	
27		WASHER	1	
		EFFECTIVE SERIAL NUMBERS:		
	710/710A	18467 TO 19886, 19888, 19891		
	720 THRU 730A	18467 TO 19665, 19802, 19805, 19810, 19814, 19818, 19823		
	740 THRU 780A	18467 TO 19821		

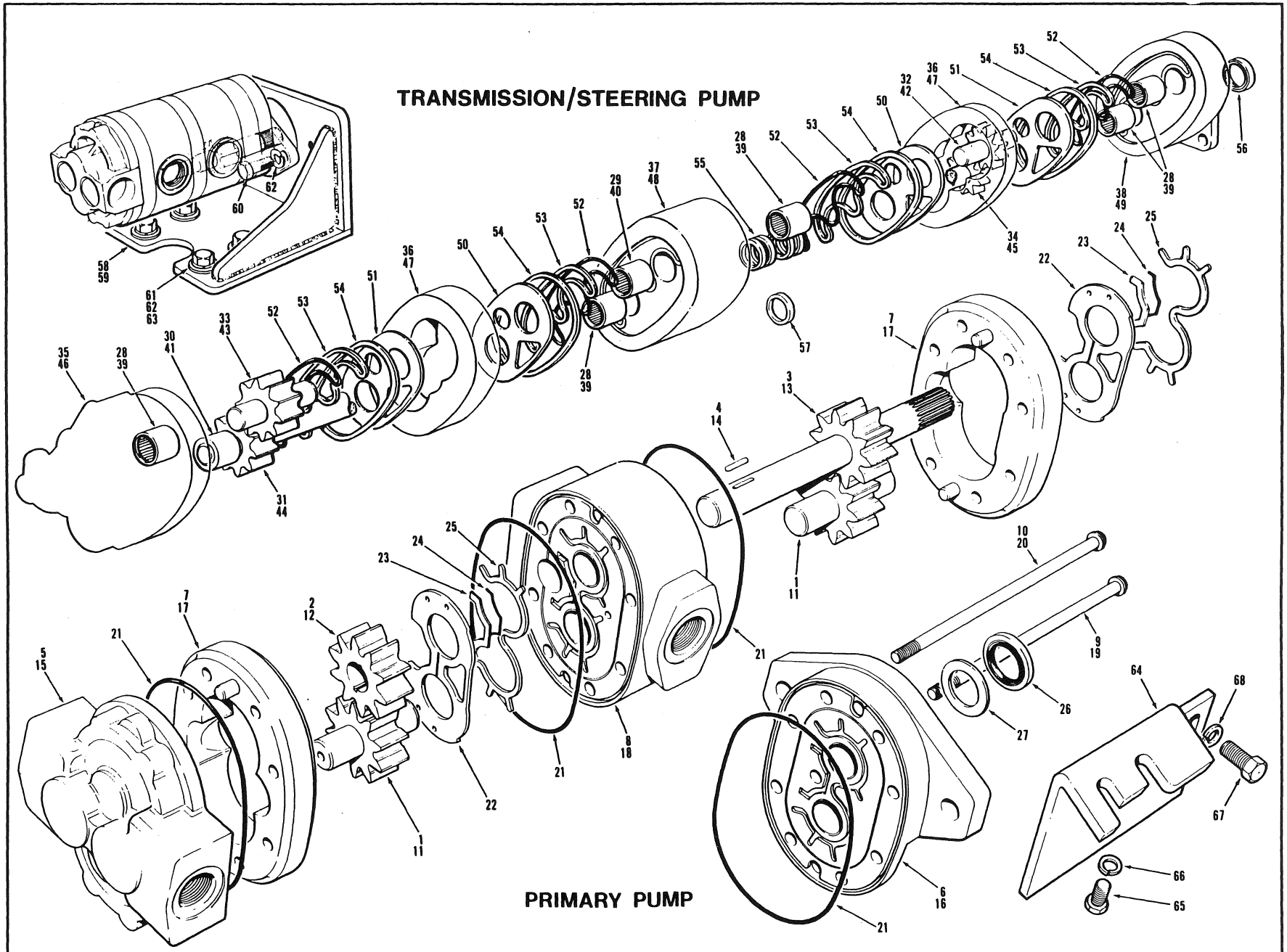
No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		HYDRAULIC PUMP - TRANSMISSION & STEERING		710 THRU 780A
	46043	HYDRAULIC PUMP ASSY. - C/W ITEMS 28 TO 38	1	
28	27529	BEARING	5	
29	27532	BEARING	1	
30	27533	BEARING	1	
31	37408	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
32	37413	IDLER GEAR	1	
33	37414	IDLER GEAR	1	
34	37416	SLIP FIT GEAR	1	
35		COVER ASSEMBLY	1	
36		GEAR PLATE — NOT AVAILABLE SEPARATELY	2	
37		BEARING PLATE	1	
38		FRONT PLATE	1	
		HYDRAULIC PUMP - TRANSMISSION & STEERING		A.W.D.
	46226	HYDRAULIC PUMP ASSY. - C/W ITEMS 39 TO 49	1	
39	27529	BEARING	5	
40	27532	BEARING	1	
41	27533	BEARING	1	
42	45876	IDLER GEAR ASSEMBLY	1	
43	45877	IDLER GEAR ASSEMBLY	1	
44	45878	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
45	45879	SLIP FIT GEAR	1	
46		COVER ASSSEMBLY	1	
47		GEAR PLATE — NOT AVAILABLE SEPARATELY	2	
48		BEARING PLATE	1	
49		FRONT PLATE	1	
	48499	REPAIR KIT - C/W ITEMS 50 TO 57	1	USED FOR 46043 & 46226
50		WEAR PLATE	2	
51		WEAR PLATE - GROOVED	2	
52		E RING	4	
53		E SEAL	4	
54		SEAL RING	4	
55		OIL SEAL	8	
56		OIL SEAL	1	
57		BACK UP RING	1	
58	46035	MOUNTING BRACKET	1	710/710A
59	46029	MOUNTING BRACKET	1	720 THRU 780A
60	50A-0810	BOLT	2	
61	50A-0814	BOLT	4	
62	14A-08	LOCKWASHER	6	
63	14C-08	FLATWASHER	4	

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

SEE OVER

700 SERIES
SERIE 700

SECTION 4 PAGE 1
SECCION 4 PAGINA 1



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 6

HYDRAULIC PUMPS

AUGUST 1989

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No.	PART No.	DESCRIPTION	No. REQ.	REMARKS
		HYDRAULIC PUMP - PRIMARY		710 THRU 730A
	*51966	HYDRAULIC PUMP ASSY. - C/W ITEMS 1 TO 10	1	
1	45873	IDLER GEAR ASSEMBLY	2	
2	45874	SLIP FIT GEAR	1	
3	45875	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
4		KEY	1	
5		BACK PLATE ASSEMBLY	1	
6		FRONT PLATE ASSEMBLY	1	NOT AVAILABLE SEPARATELY
7		BODY ASSEMBLY	2	
8		ADAPTER PLATE ASSEMBLY	1	
9		BOLT	4	
10		BOLT	4	
		HYDRAULIC PUMP - PRIMARY		740 THRU 780A
	41860	HYDRAULIC PUMP ASSY. - C/W ITEMS 11 TO 20	1	
11	33570	IDLER GEAR ASSEMBLY	2	
12	33571	SLIP FIT GEAR	1	
13	33572	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
14		KEY	1	
15		BACK PLATE ASSEMBLY	1	
16		FRONT PLATE ASSEMBLY	2	NOT AVAILABLE SEPARATELY
17		BODY ASSEMBLY	1	
18		ADAPTER PLATE ASSEMBLY	1	
19		BOLT	4	
20		BOLT	4	
	33288	REPAIR KIT - C/W ITEMS 21 TO 27	1	USED FOR 51966 & 41860
21		O RING	4	
22		WEAR PLATE	2	
23		SEAL	2	
24		O RING - MOLDED	2	
25		GASKET	2	
26		OIL SEAL	1	
27		WASHER	1	
		EFFECTIVE SERIAL NUMBERS:		
	710/710A	19887, 19889, 19890, 19892 TO 20104		
	720 THRU 730A	19666 TO 19801, 19803, 19804, 19806 TO 19809, 19811 TO 19813, 19815 TO 19811 TO 819 TO 19822, 19824 TO 20120		
	740 THRU 780A	19826 TO 20106		

No.	PART No.	DESCRIPTION	No. REQ.	REMARKS
		HYDRAULIC PUMP - TRANSMISSION & STEERING		710 THRU 780A
	46043	HYDRAULIC PUMP ASSY. - C/W ITEMS 28 TO 38	1	
28	27529	BEARING	5	
29	27532	BEARING	1	
30	27533	BEARING	1	
31	37408	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
32	37413	IDLER GEAR	1	
33	37414	IDLER GEAR	1	
34	37416	SLIP FIT GEAR	1	
35		COVER ASSEMBLY	1	
36		GEAR PLATE	2	NOT AVAILABLE SEPARATELY
37		BEARING PLATE	1	
38		FRONT PLATE	1	
		HYDRAULIC PUMP - TRANSMISSION & STEERING		A.W.D.
	46226	HYDRAULIC PUMP ASSY. - C/W ITEMS 39 TO 49	1	
39	27529	BEARING	5	
40	27532	BEARING	1	
41	27533	BEARING	1	
42	45876	IDLER GEAR ASSEMBLY	1	
43	45877	IDLER GEAR ASSEMBLY	1	
44	45878	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
45	45879	SLIP FIT GEAR	1	
46		COVER ASSEMBLY	1	
47		GEAR PLATE	2	NOT AVAILABLE SEPARATELY
48		BEARING PLATE	1	
49		FRONT PLATE	1	
	48499	REPAIR KIT - C/W ITEMS 50 TO 57	1	USED FOR 46043 & 46226
50		WEAR PLATE	2	
51		WEAR PLATE - GROOVED	2	
52		E RING	4	
53		E SEAL	4	
54		SEAL RING	4	
55		OIL SEAL	8	
56		OIL SEAL	1	
57		BACK UP RING	1	
58	46035	MOUNTING BRACKET	1	710/710A
59	46029	MOUNTING BRACKET	1	720 THRU 780A
60	50A-0810	BOLT	2	
61	50A-0814	BOLT	4	
62	14A-08	LOCKWASHER	6	
63	14C-08	FLATWASHER	4	
64	*51525	MOUNTING BRACKET	1	
65	*50A-0508	BOLT	2	710 THRU 730A
66	*14A-05	LOCKWASHER	2	
67	*350A-1025	BOLT	2	
68	*14A-07	LOCKWASHER	2	

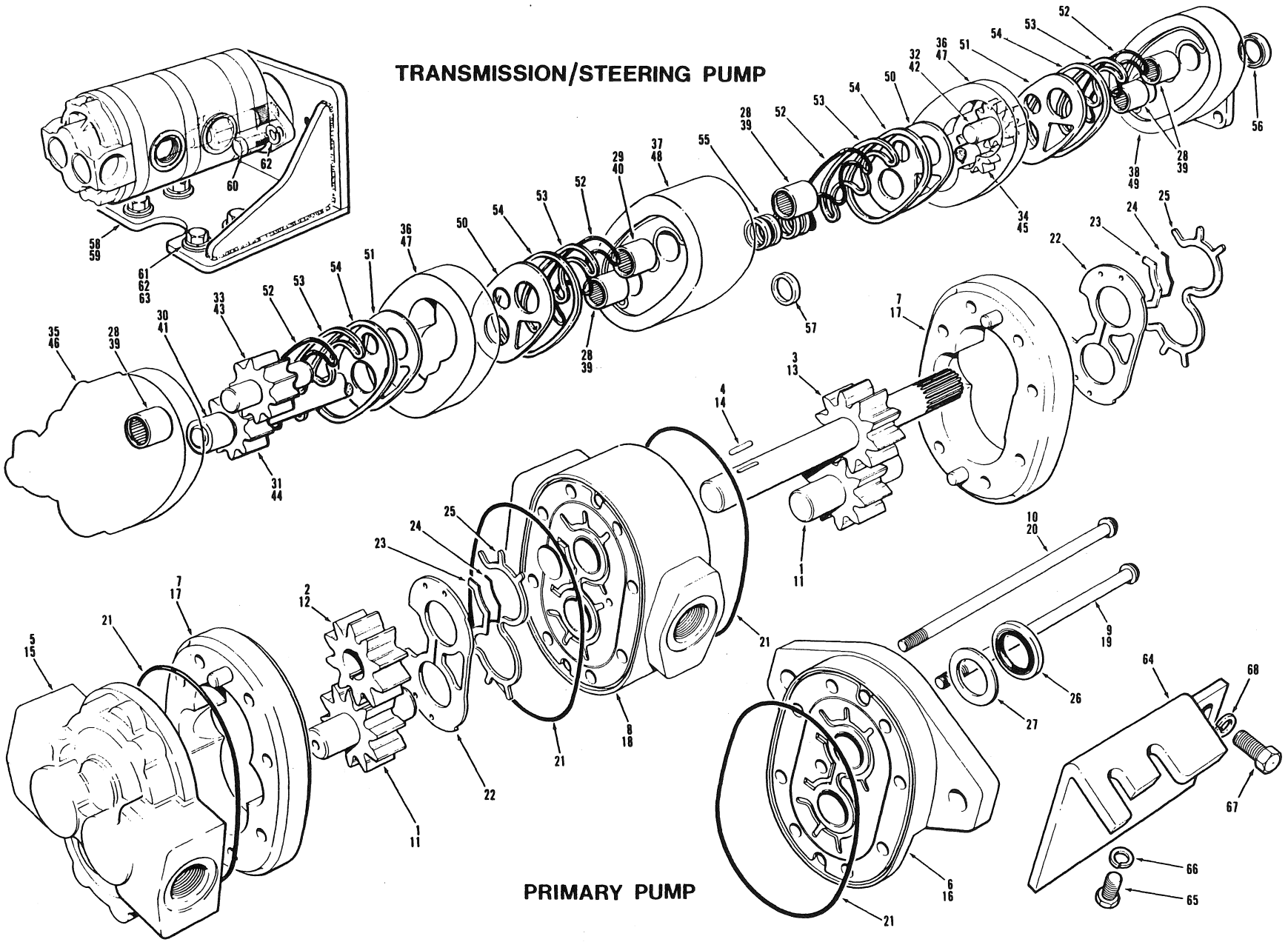
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700 SERIES
SERIE 700

SECTION 4 PAGE 1
SECCION 4 PAGINA 1

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

TRANSMISSION/STEERING PUMP



PRIMARY PUMP

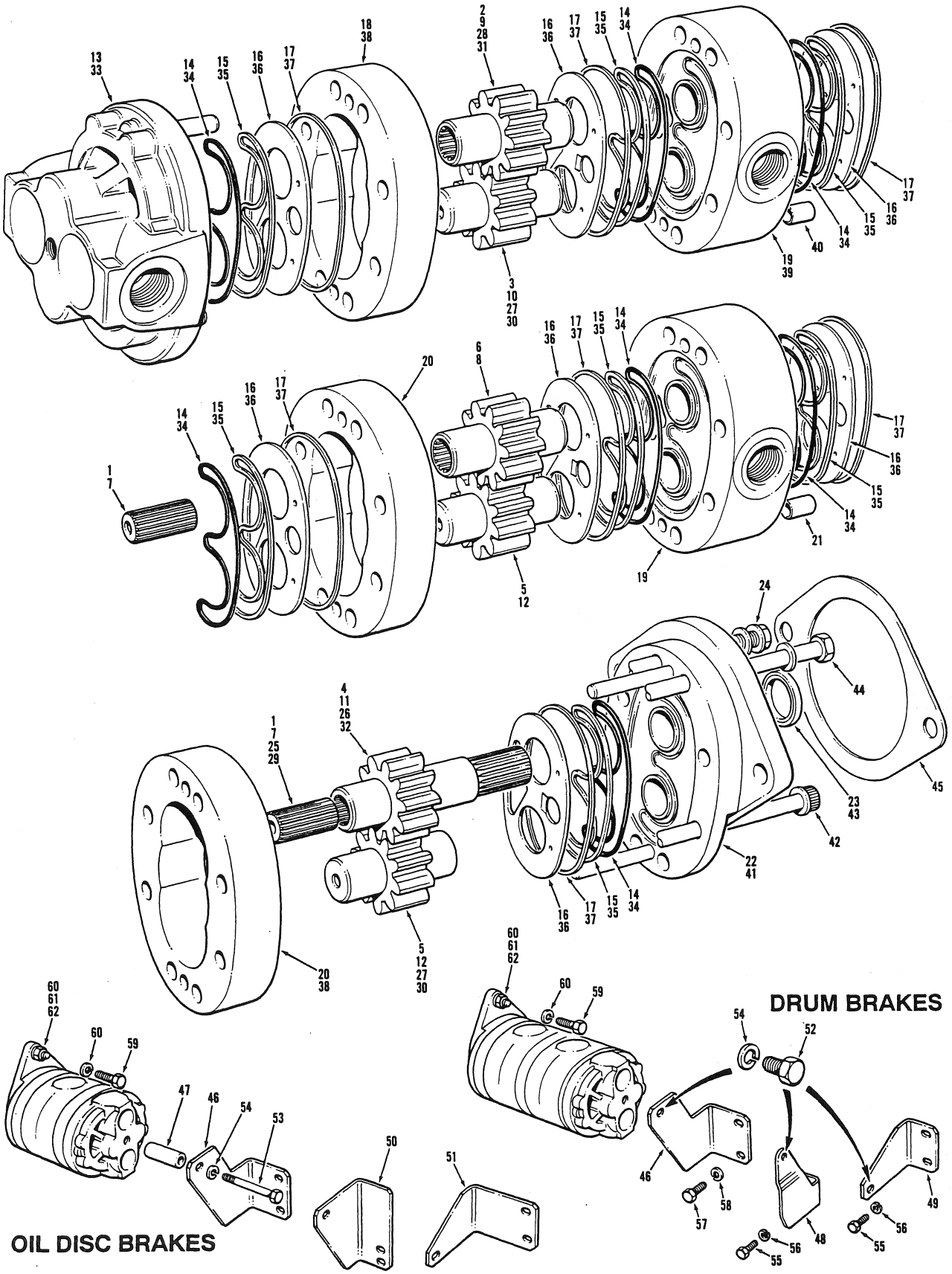
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 7

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

HYDRAULIC PUMPS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		HYDRAULIC PUMP - PRIMARY	SEE NOTE	710 THRU 730A
	51966	HYDRAULIC PUMP ASSY. - C/W ITEMS 1 TO 10	1	
1	45873	IDLER GEAR ASSEMBLY	2	
2	45874	SLIP FIT GEAR	1	
3	45875	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
4		KEY	1	
5		BACK PLATE ASSEMBLY	1	
6		FRONT PLATE ASSEMBLY	1	NOT AVAILABLE SEPARATELY
7		BODY ASSEMBLY	2	
8		ADAPTER PLATE ASSEMBLY	1	
9		BOLT	4	
10		BOLT	4	
		HYDRAULIC PUMP - PRIMARY		740 THRU 780A
	41860	HYDRAULIC PUMP ASSY. - C/W ITEMS 11 TO 20	1	
11	33570	IDLER GEAR ASSEMBLY	2	
12	33571	SLIP FIT GEAR	1	
13	33572	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
14		KEY	1	
15		BACK PLATE ASSEMBLY	1	
16		FRONT PLATE ASSEMBLY	2	NOT AVAILABLE SEPARATELY
17		BODY ASSEMBLY	1	
18		ADAPTER PLATE ASSEMBLY	1	
19		BOLT	4	
20		BOLT	4	
	33288	REPAIR KIT - C/W ITEMS 21 TO 27	1	USED FOR 51966 & 41860
21		O RING	4	
22		WEAR PLATE	2	
23		SEAL	2	
24		O RING - MOLDED	2	
25		GASKET	2	
26		OIL SEAL	1	
27		WASHER	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		HYDRAULIC PUMP - TRANSMISSION & STEERING		710 THRU 780A
	*53618	HYDRAULIC PUMP ASSY. - C/W ITEMS 28 TO 38	1	
28	27529	BEARING	5	
29	27532	BEARING	1	
30	27533	BEARING	1	
31	37408	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
32	37413	IDLER GEAR	1	
33	37414	IDLER GEAR	1	
34	37416	SLIP FIT GEAR	1	
35		COVER ASSEMBLY	1	
36		GEAR PLATE	2	NOT AVAILABLE SEPARATELY
37		BEARING PLATE	1	
38		FRONT PLATE	1	
		HYDRAULIC PUMP - TRANSMISSION & STEERING		A.W.D.
	*54209	HYDRAULIC PUMP ASSY. - C/W ITEMS 39 TO 49	1	
39	27529	BEARING	5	
40	27532	BEARING	1	
41	27533	BEARING	1	
42	45876	IDLER GEAR ASSEMBLY	1	
43	45877	IDLER GEAR ASSEMBLY	1	
44	45878	DRIVE SHAFT ASSY. - C/W GEAR & SHAFT	1	
45	45879	SLIP FIT GEAR	1	
46		COVER ASSEMBLY	1	
47		GEAR PLATE	2	NOT AVAILABLE SEPARATELY
48		BEARING PLATE	1	
49		FRONT PLATE	1	
	48499	REPAIR KIT - C/W ITEMS 50 TO 57	1	USED FOR 53618 & 54209
50		WEAR PLATE	2	
51		WEAR PLATE - GROOVED	2	
52		E RING	4	
53		E SEAL	4	
54		SEAL RING	4	
55		OIL SEAL	8	
56		OIL SEAL	1	
57		BACK UP RING	1	
58	46035	MOUNTING BRACKET	1	710/710A
59	46029	MOUNTING BRACKET	1	720 THRU 780A
60	50A-0810	BOLT	2	
61	50A-0814	BOLT	4	
62	14A-08	LOCKWASHER	6	
63	14C-08	FLATWASHER	4	
64	*51525	MOUNTING BRACKET	1	
65	*50A-0508	BOLT	2	710 THRU 730A
66	*14A-05	LOCKWASHER	2	
67	*350A-1025	BOLT	2	
68	*14A-07	LOCKWASHER	2	



CHAMPION ROAD MACHINERY

HYDRAULIC PUMP - MAIN

SEPTEMBER 1990

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

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EFFECTIVE SERIAL NUMBER(S)
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NUMERO(S) DE SERIE EFECTIVO(S)

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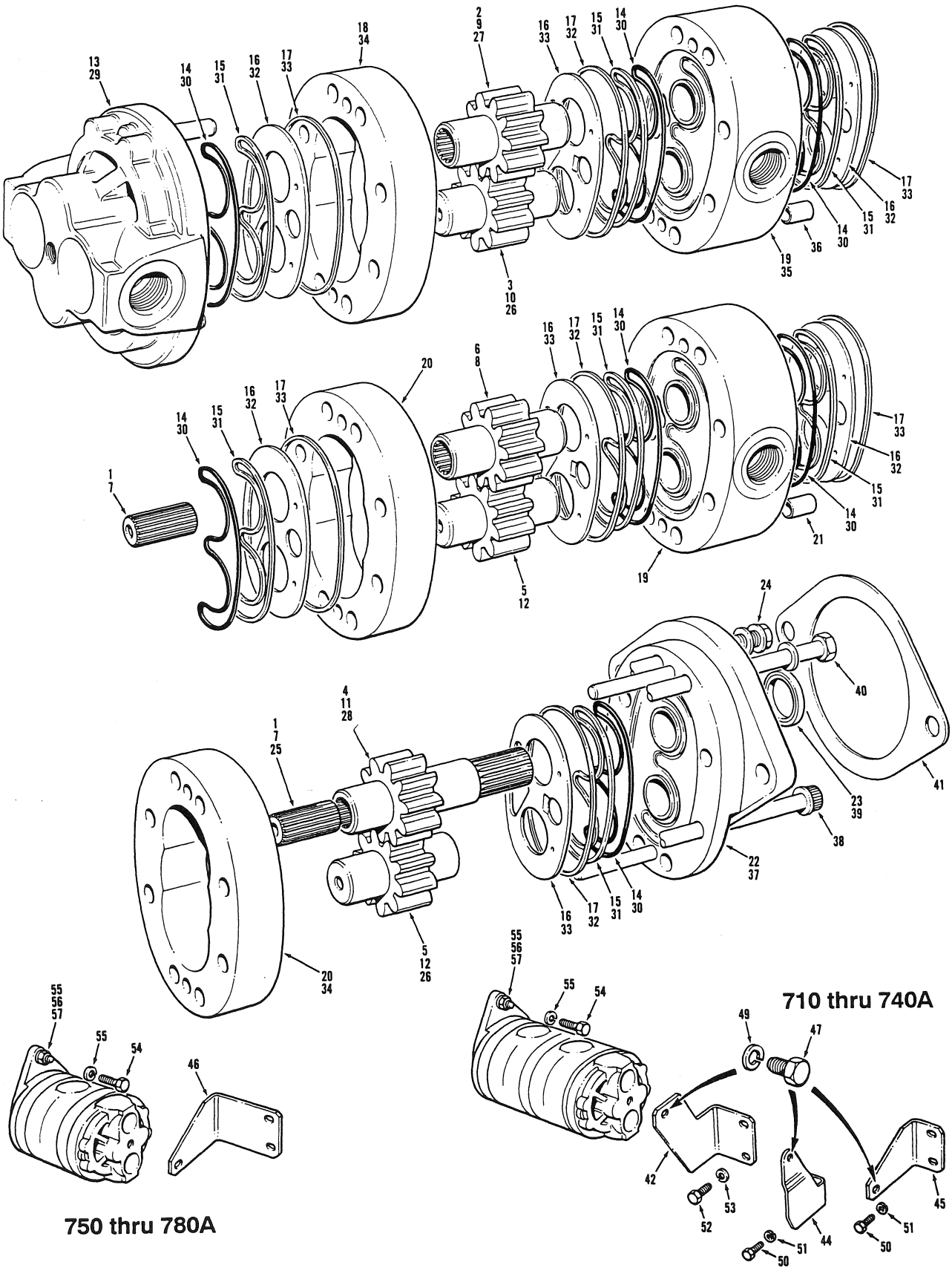
700 SERIES
SERIE 700

SECTION 4 PAGE 1
SECCION PAGINA

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		GRADERS WITH DRUM BRAKES		**(3 SECTIONS)**
	54741	**HYDRAULIC PUMP ASSEMBLY** - INCLUDES ITEMS 1 TO 6 & 13 TO 24	1	710 thru 730A
1	38948	COUPLING	2	
2	*58249	SLIP GEAR	1	
3	*58250	IDLER GEAR	1	
4	58251	DRIVESHAFT	1	
5	58252	IDLER GEAR	2	
6	58253	SLIP GEAR	1	
	54740	**HYDRAULIC PUMP ASSEMBLY** - INCLUDES ITEMS 7 TO 24	1	740/740A
7	38948	COUPLING	2	
8	*58248	SLIP GEAR	1	
9	*58249	SLIP GEAR	1	
10	*58250	IDLER GEAR	1	
11	58246	DRIVESHAFT	1	
12	58247	IDLER GEAR	2	
	58264	**REPAIR KIT FOR 54741 OR 54740 PUMP** - INCLUDES ITEMS 14 TO 17, 21 & 23	1	
13		COVER ASSEMBLY	1	
14		E RING	6	
15		E SEAL	6	
16		WEAR PLATE	6	
17		SEAL RING	6	
18		GEAR PLATE	1	NOT AVAILABLE SEPARATELY
19		BEARING PLATE	2	
20		GEAR PLATE	2	
21		TUBE	8	
22		FRONT PLATE	1	
23		OIL SEAL	1	
24		STUD & NUT ASSEMBLY	8	

See SECTION 4 PAGES 41/42 ISSUE 1 for TRANSMISSION/STEERING HYDRAULIC PUMP

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		GRADERS WITH OIL DISC BRAKES		**(2 SECTIONS)**
	56019	**HYDRAULIC PUMP ASSEMBLY** - INCLUDES ITEMS 25 TO 28 & 33 TO 44	1	710 thru 730A
25	38948	COUPLING	1	
26	58251	DRIVESHAFT	1	
27	58252	IDLER GEAR	2	
28	58253	SLIP GEAR	1	
	56018	**HYDRAULIC PUMP ASSEMBLY** - INCLUDES ITEMS 29 TO 44	1	740 thru 780A
29	38948	COUPLING	1	
30	58247	IDLER GEAR	2	
31	58248	SLIP GEAR	1	
32	58262	DRIVESHAFT	1	
	58263	**REPAIR KIT FOR 56019 OR 56018 PUMP** - INCLUDES ITEMS 34 TO 37, 40 & 43	1	
33		COVER ASSEMBLY	1	
34		E RING	4	
35		E SEAL	4	
36		WEAR PLATE	4	
37		SEAL RING	4	
38		GEAR PLATE	2	NOT AVAILABLE SEPARATELY
39		BEARING PLATE	1	
40		TUBE	8	
41		FRONT PLATE	1	
42		BOLT	2	
43		OIL SEAL	1	
44		BOLT	6	
		MOUNTING HARDWARE		
45	42794	GASKET	1	
46	59141	MOUNTING BRACKET	1	710/710A
47	56241	SPACER - OIL DISC BRAKES	1	
48	54962	MOUNTING BRACKET - DRUM BRAKES	1	720 thru 730A
49	54961	MOUNTING BRACKET - DRUM BRAKES	1	740/740A
50	56242	MOUNTING BRACKET - OIL DISC BRAKES	1	720 thru 730A
51	56243	MOUNTING BRACKET - OIL DISC BRAKES	1	740 thru 780A
52	50A-0808	BOLT	1	
53	50A-0830	BOLT - OIL DISC BRAKES	1	710/710A
54	14A-08	LOCKWASHER	1	
55	350A-10025	BOLT	2	720 thru 780A
56	314A-10	LOCKWASHER	2	
57	350A-12030	BOLT	2	710/710A
58	314A-12	LOCKWASHER	2	
59	350A-12040	BOLT	2	740 thru 780A
60	314A-12	LOCKWASHER	2	
61	354E-12075	STUD	2	710 thru 730A
62	330A-12	NUT	2	



CHAMPION ROAD MACHINERY

HYDRAULIC PUMP - MAIN

FEBRUARY 1991

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
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EFFECTIVE SERIAL NUMBER(S) 21134 to 21385
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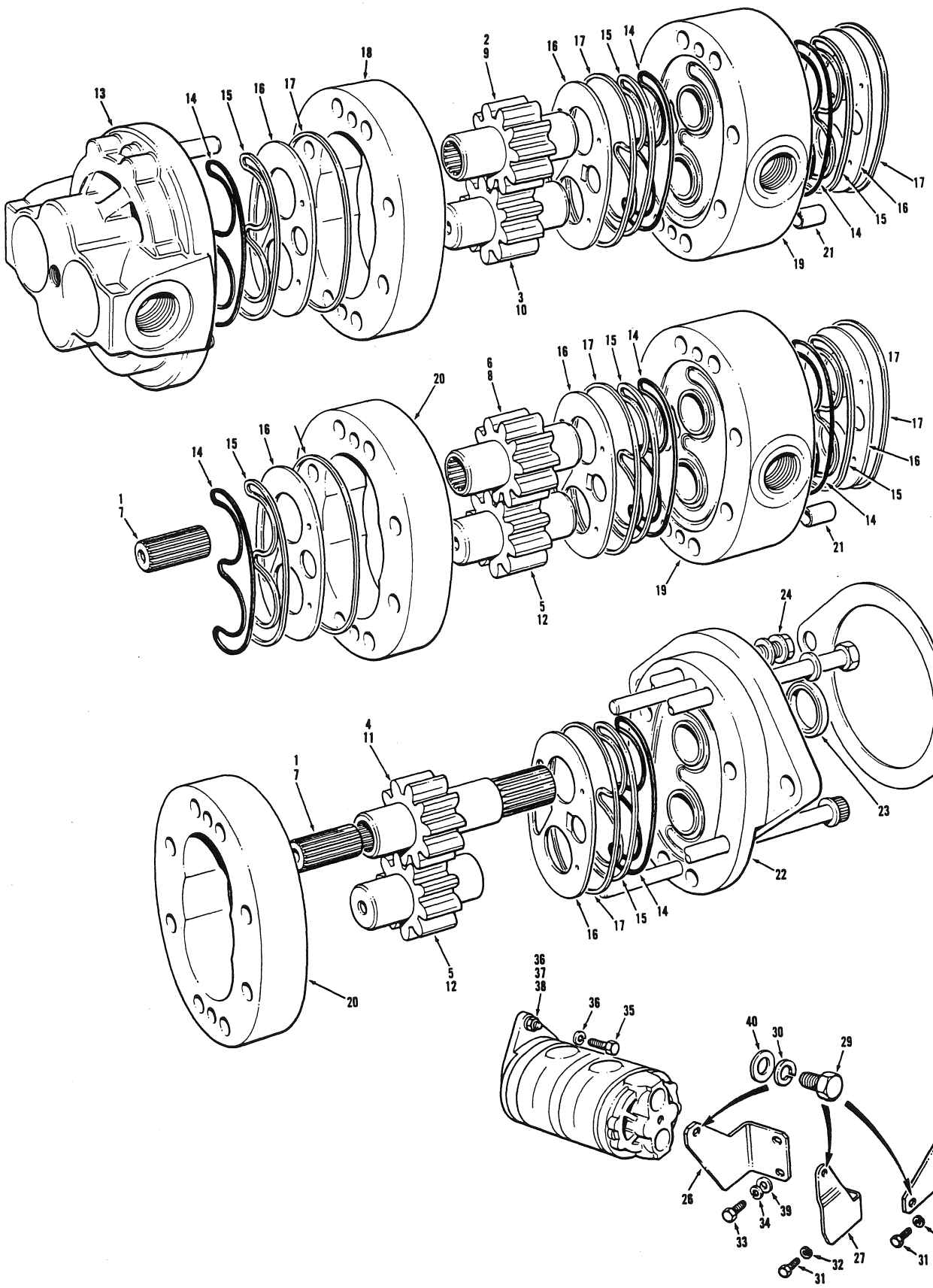
700 SERIES
SERIE 700

SECTION 4 PAGE 1
SECCION PAGINA

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
	54741	**HYDRAULIC PUMP ASSEMBLY** - INCLUDES ITEMS 1 TO 6 & 13 TO 24	1	(3 SECTIONS) 710 thru 730A
1	38948	COUPLING	2	
2	58249	SLIP GEAR	1	
3	58250	IDLER GEAR	1	
4	58251	DRIVESHAFT	1	
5	58252	IDLER GEAR	2	
6	58253	SLIP GEAR	1	
	54740	**HYDRAULIC PUMP ASSEMBLY** - INCLUDES ITEMS 7 TO 24	1	740/740A
7	38948	COUPLING	2	
8	58248	SLIP GEAR	1	
9	58249	SLIP GEAR	1	
10	58250	IDLER GEAR	1	
11	58246	DRIVESHAFT	1	
12	58247	IDLER GEAR	2	
	58264	**REPAIR KIT FOR 54741 OR 54740 PUMP** - INCLUDES ITEMS 14 TO 17, 21 & 23	1	
13		COVER ASSEMBLY	1	
14		E RING	6	
15		E SEAL	6	
16		WEAR PLATE	6	
17		SEAL RING	6	
18		GEAR PLATE — NOT AVAILABLE SEPARATELY	1	
19		BEARING PLATE	2	
20		GEAR PLATE	2	
21		TUBE	8	
22		FRONT PLATE	1	
23		OIL SEAL	1	
24		STUD & NUT ASSEMBLY	8	

See
SECTION 4 PAGES 41/42 ISSUE 1
for
TRANSMISSION/STEERING
HYDRAULIC PUMP

No. Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
	56018	**HYDRAULIC PUMP ASSEMBLY** - INCLUDES ITEMS 25 TO 40	1	(2 SECTIONS) 750 thru 780A
25	38948	COUPLING	1	
26	58247	IDLER GEAR	2	
27	58248	SLIP GEAR	1	
28	58262	DRIVESHAFT	1	
	58263	**REPAIR KIT FOR 56019 OR 56018 PUMP** - INCLUDES ITEMS 30 TO 33, 36 & 39	1	
29		COVER ASSEMBLY	1	
30		E RING	4	
31		E SEAL	4	
32		WEAR PLATE	4	
33		SEAL RING	4	
34		GEAR PLATE — NOT AVAILABLE SEPARATELY	2	
35		BEARING PLATE	1	
36		TUBE	8	
37		FRONT PLATE	1	
38		BOLT	2	
39		OIL SEAL	1	
40		BOLT	6	
		MOUNTING HARDWARE		
41	42794	GASKET	1	
42	59141	MOUNTING BRACKET	1	710/710A
44	54962	MOUNTING BRACKET - DRUM BRAKES	1	720 thru 730A
45	54961	MOUNTING BRACKET - DRUM BRAKES	1	740/740A
46	56243	MOUNTING BRACKET - OIL DISC BRAKES	1	750 thru 780A
47	50A-0808	BOLT	1	
49	14A-08	LOCKWASHER	1	
50	350A-10025	BOLT	2	720 thru 780A
51	314A-10	LOCKWASHER	2	
52	350A-12030	BOLT	2	710/710A
53	314A-12	LOCKWASHER	2	
54	350A-12040	BOLT	2	750 thru 780A
55	314A-12	LOCKWASHER	2	
56	354E-12075	STUD	2	710 thru 730A
57	330A-12	NUT	2	



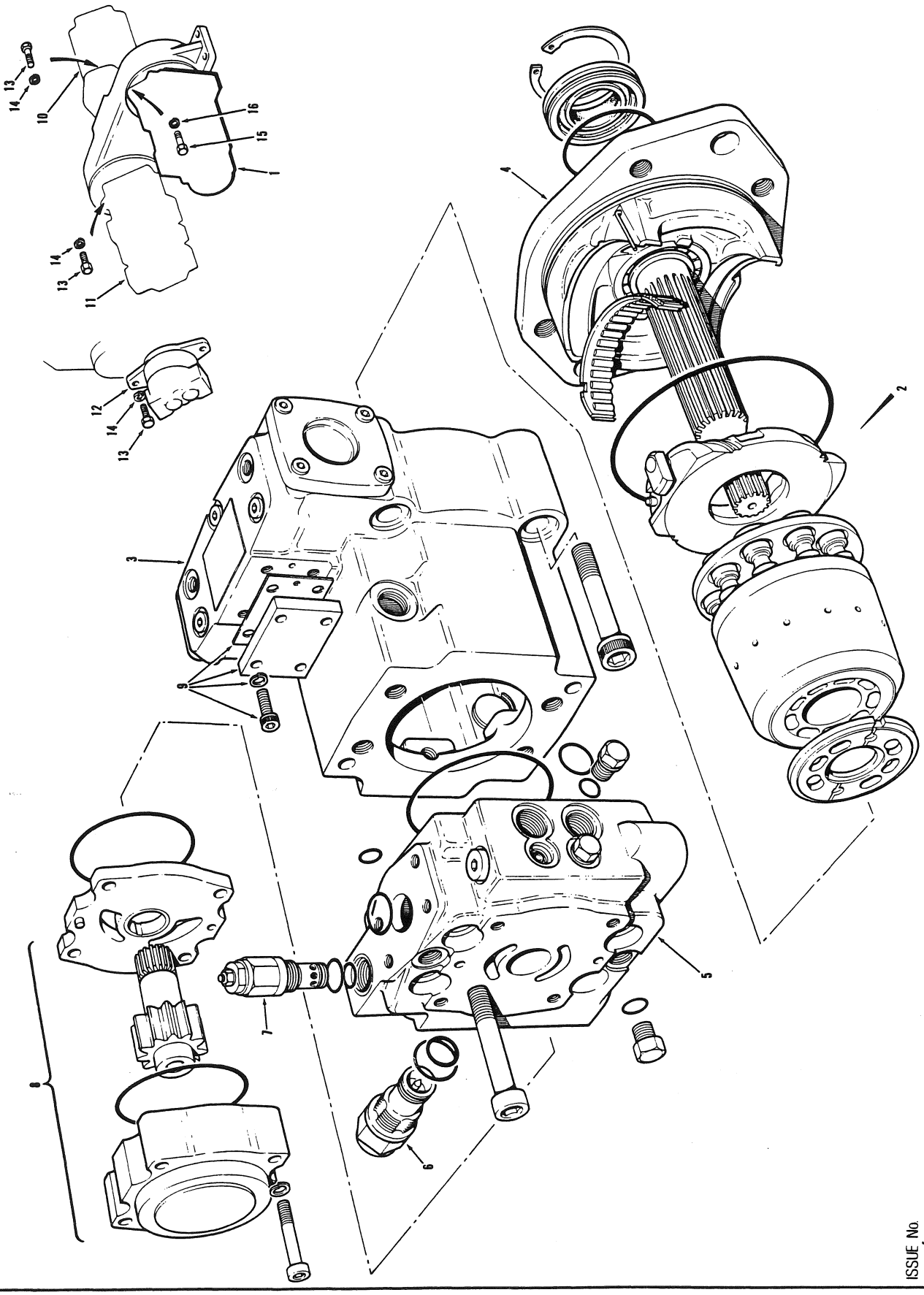
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No.	PART No.	DESCRIPTION		No. REQ.	REMARKS
	54741	**HYDRAULIC PUMP ASSEMBLY**		1	710 thru 730A
		- INCLUDES ITEMS 1 to 6 & 13 to 24			
1	38948	COUPLING		2	
2	58249	SLIP GEAR		1	
3	58250	IDLER GEAR		1	
4	58251	DRIVESHAFT		1	
5	58252	IDLER GEAR		2	
6	58253	SLIP GEAR		1	
	54740	**HYDRAULIC PUMP ASSEMBLY**		1	740 thru 780A
		- INCLUDES ITEMS 7 to 24			
7	38948	COUPLING		2	
8	58248	SLIP GEAR		1	
9	58249	SLIP GEAR		1	
10	58250	IDLER GEAR		1	
11	58246	DRIVESHAFT		1	
12	58247	IDLER GEAR		2	
	58264	**REPAIR KIT FOR 54741 OR 54740 PUMP**		1	
		- INCLUDES ITEMS 14 to 17, 21 & 23			
13		COVER ASSEMBLY		1	
14		E-RING		6	
15		E-SEAL		6	
16		WEAR PLATE		6	
17		SEAL RING		6	
18		GEAR PLATE	NOT AVAILABLE	1	
19		BEARING PLATE	SEPARATELY	2	
20		GEAR PLATE		2	
21		TUBE		8	
22		FRONT PLATE		1	
23		OIL SEAL		1	
24		STUD & NUT ASSEMBLY		8	

No.	PART No.	DESCRIPTION	No. REQ.	REMARKS
25	42794	GASKET	1	
26	*54963	MOUNTING BRACKET	1	710/710A
27	54962	MOUNTING BRACKET	1	720 thru 730A
28	54961	MOUNTING BRACKET	1	740 thru 780A
29	50A-0808	BOLT	1	
30	14A-08	LOCKWASHER	1	
31	350A-10025	BOLT	2	720 thru 780A
32	314A-10	LOCKWASHER	2	
33	350A-12030	BOLT	2	710/710A
34	314A-12	LOCKWASHER	2	
35	350A-12040	BOLT	2	740 thru 780A
36	314A-12	LOCKWASHER	2	
37	354E-12075	STUD	2	710 thru 730A
38	330A-12	NUT	2	
39	*314C-12	FLATWASHER	2	
40	*14C-08	FLATWASHER	1	

See SECTION 4 PAGES 41/42 ISSUE 1 for TRANSMISSION/STEERING HYDRAULIC PUMP

CHAMPION ROAD MACHINERY



HYDRAULIC PUMPS - ALL WHEEL DRIVE

NOVEMBER 1984

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700 SERIES
SERIE 700

SECTION / SECCION 4 | PAGE / PAGINA 4 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 1

HYDRAULIC PUMPS - ALL WHEEL DRIVE

NOVEMBER 1984

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	30670	HYDRAULIC PUMP ASSY. - ALL WHEEL DRIVE - INCLUDES ITEMS 2 TO 9	1	
2	30832	ROTARY GROUP - INCLUDES PISTONS,BEARINGS, SHAFTS,SWASH PLATE,CONTROL PLATE & BARREL	1	
3	30834	HOUSING - C/W CONTROL PISTON ASSY.	1	
4	30835	FRONT FLANGE	1	
5	30836	REAR PORT BLOCK - C/W CHECK VALVES	1	
6	30837	RELIEF VALVE - MAIN PRESSURE	2	
7	30838	RELIEF VALVE - CHARGE PRESSURE	1	
8	30839	CHARGE PUMP	1	
9	30840	COVER PLATE - C/W GASKET & HARDWARE	1	
	30841	SEAL KIT FOR 30670 HYDRAULIC PUMP	A.R.	
10	30634	HYDRAULIC PUMP ASSY. - TRANSMISSION	1	720 THRU 730A
	30833	REPAIR KIT FOR 30634 HYDRAULIC PUMP	A.R.	
11	34944	HYDRAULIC PUMP ASSY. - PRIMARY HYDRAULICS & STEERING	REF.	SECTION 4 PAGES 1/2
12	36574	HYDRAULIC PUMP ASSY. - TRANSMISSION	REF.	SECTION 4 PAGES 1/2
13	50A-0810	BOLT	4	
14	14A-08	LOCKWASHER	6	
15	50A-1010	BOLT	2	
16	14A-10	LOCKWASHER	2	
17	350A-12075	BOLT	2	

ISSUE No.
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HYDRAULIC PUMP ASSEMBLY - ALL WHEEL DRIVE

JANUARY 1991

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	44896	PUMP ASSEMBLY - ALL WHEEL DRIVE - INCLUDES ITEMS 1 TO 3	1	
1	44044	GEAR PUMP	1	
	50222	SEAL KIT FOR 44044 - GEAR PUMP	1	
2	*39314	PUMP C/W COMPENSATOR	1	
	*53486	REPAIR KIT FOR 39314 - PUMP	1	
3	44045	PUMP MOUNT KIT	1	

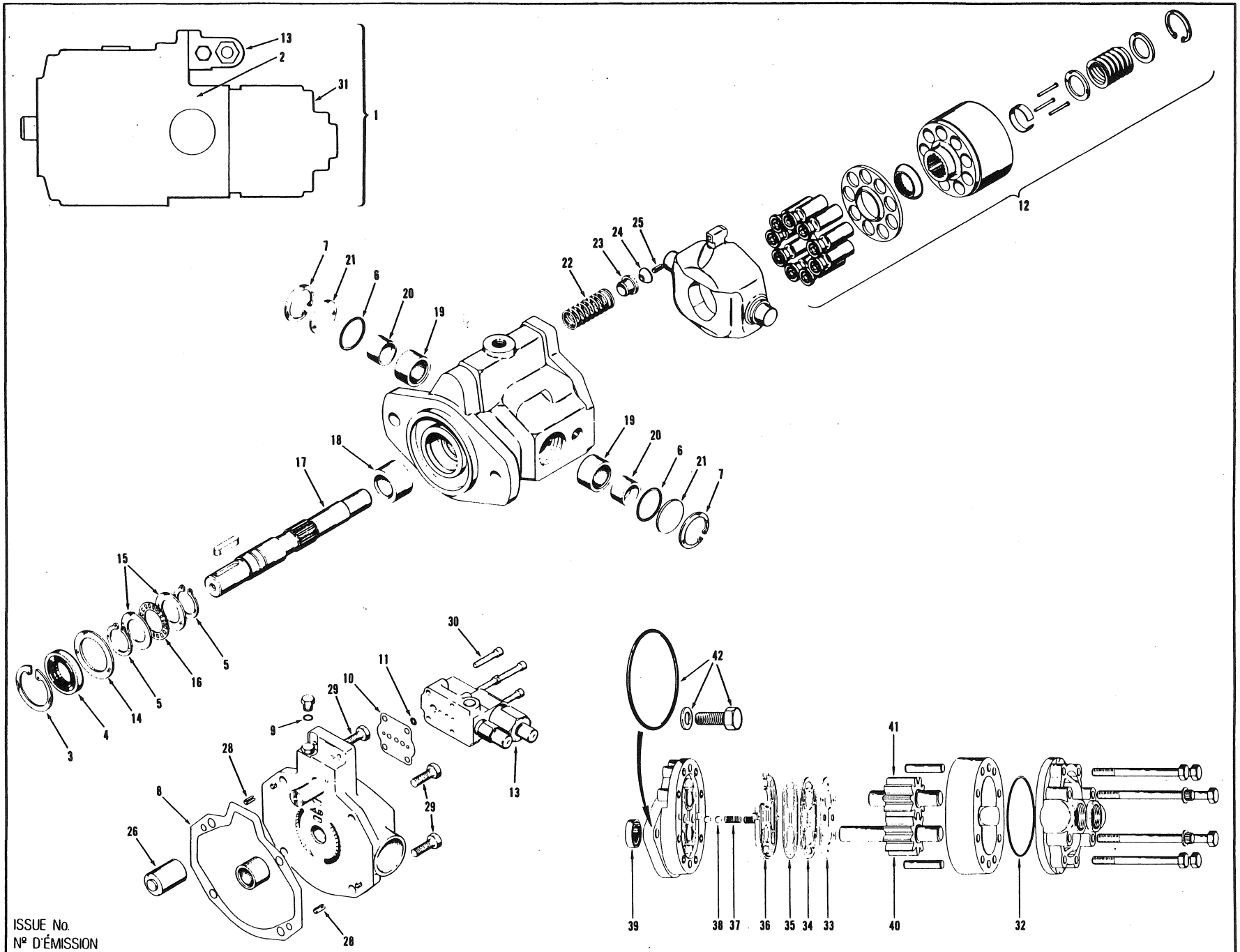
No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS

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20033 & UP

700 SERIES
SERIE 700

SECTION 4 PAGE 3
SECCION 4 PAGINA 3



ISSUE No.
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HYDRAULIC PUMP ASSEMBLY - ALL WHEEL DRIVE

NOVEMBER 1990

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HYDRAULIC PUMP ASSEMBLY - ALL WHEEL DRIVE

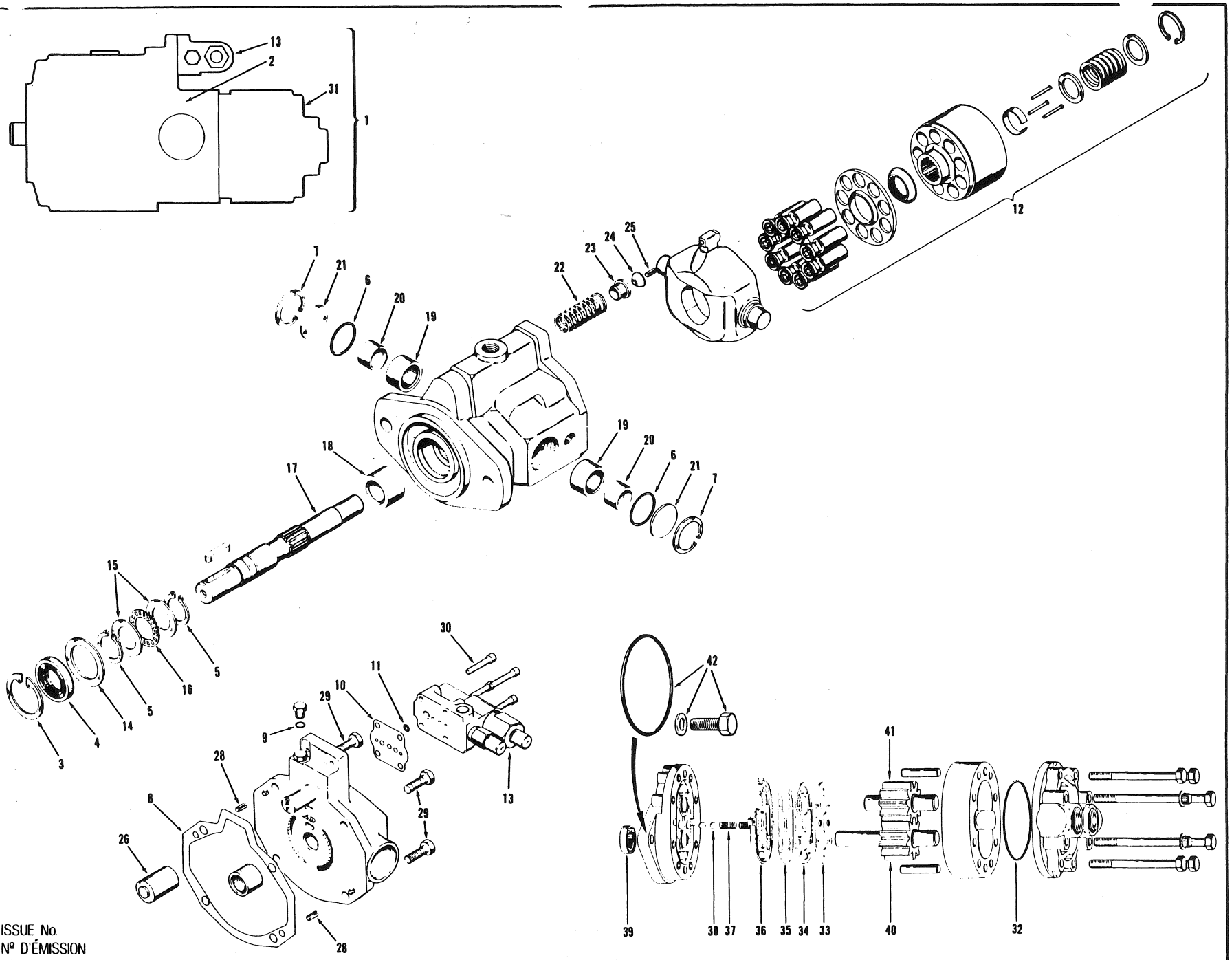
No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	56125	**HYDRAULIC PUMP**		
2	* 39314	**PISTON PUMP**	1	
	53486	**SEAL KIT FOR 39314 - PISTON PUMP - INCLUDES ITEMS 3 TO 11**	1 per	
3		RETAINING RING	1	
4		SEAL	1	
5		RETAINING RING	2	
6		O RING	2	
7		RETAINING RING	2	
8		GASKET	1	
9		O RING	1	
10		GASKET	1	
11		O RING	1	
12	* 58081	**ROTATING KIT**	1 per	
13	* 58080	COMPENSATOR	1	
14	* 58300	WASHER	1	
15	* 58301	THRUST WASHER	2	
16	* 58302	THRUST BEARING	1	
17	* 58303	DRIVE SHAFT	1	
18	* 58304	BEARING	1	
19	* 58305	BEARING	2	
20	* 58306	INNER RACE	2	
21	* 58307	COVER	2	
22	* 58308	SPRING	1	
23	* 58309	COVER	1	
24	* 58310	PIVOT BUTTON	1	
25	* 58312	PISTON	1	
27	* 58313	BEARING	1	
28	* 58314	ROLL PIN	2	
29	* 58315	BOLT	4	
30	* 58316	BOLT	4	
31	44044	**GEAR PUMP**		
	50222	**REPAIR KIT FOR 44044 - GEAR PUMP - INCLUDES ITEMS 32 TO 39**	1 per	
32		O RING	1	
33		DIAPHRAM	1	
34		BACK-UP GASKET	1	
35		GASKET	1	
36		SEAL	1	
37		SPRING	2	
38		BALL	2	
39		SEAL	1	
40	* 58317	DRIVE SHAFT	1	
41	* 58318	IDLER GEAR	1	
42	44045	**PUMP MOUNT KIT**	1 per	

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700 SERIES
SERIE 700

SECTION 4 PAGE 3
SECCION 4 PAGINA 3



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HYDRAULIC PUMP ASSEMBLY - ALL WHEEL DRIVE

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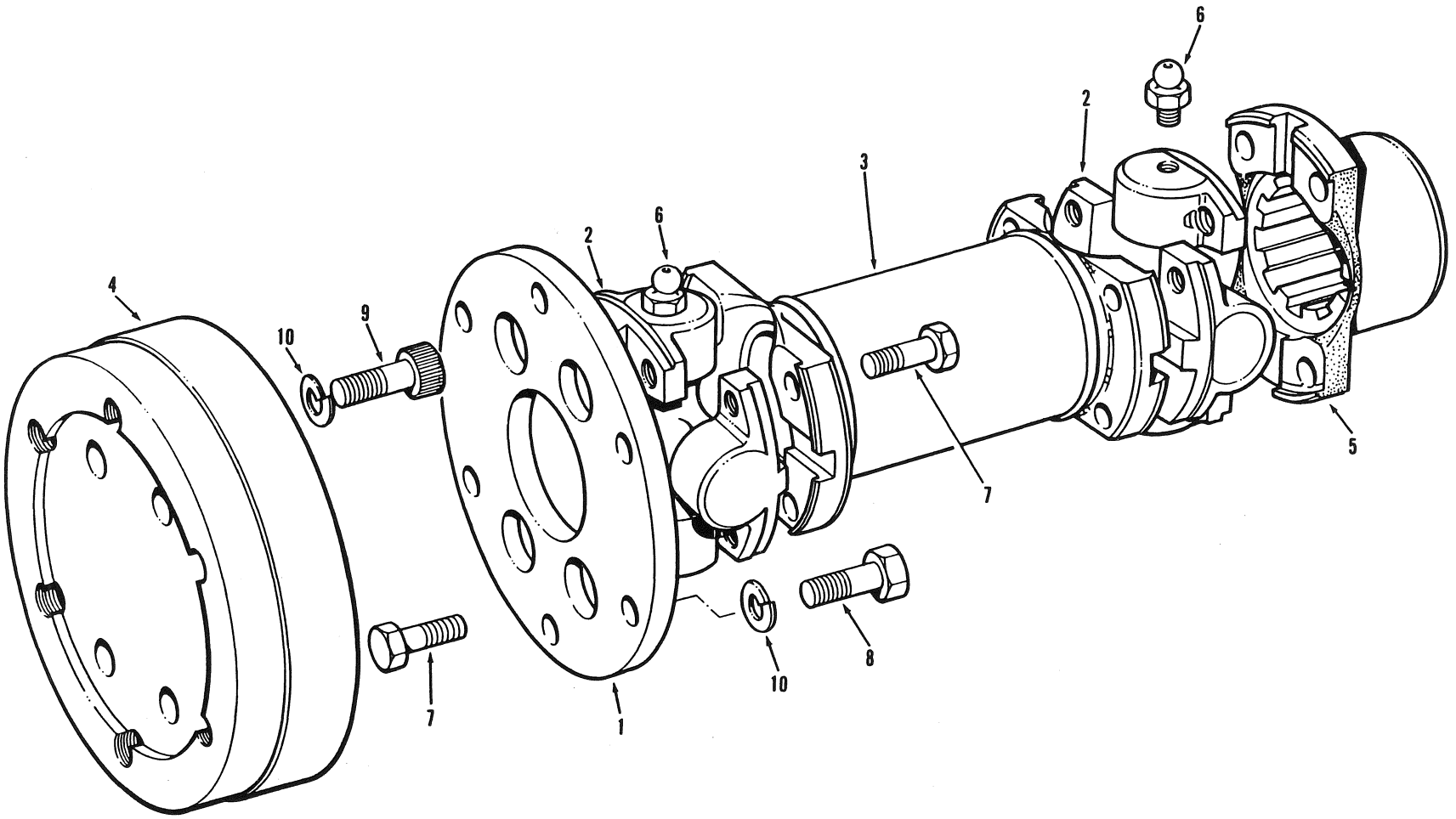
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HYDRAULIC PUMP ASSEMBLY - ALL WHEEL DRIVE

SEPTEMBER1991

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	*59584	**HYDRAULIC PUMP**		
2	39314	**PISTON PUMP**	1	
	53486	**SEAL KIT FOR 39314 - PISTON PUMP - INCLUDES ITEMS 3 TO 11**	1 per	
3		RETAINING RING	1	
4		SEAL	1	
5		RETAINING RING	2	
6		O RING	2	
7		RETAINING RING	2	
8		GASKET	1	
9		O RING	1	
10		GASKET	1	
11		O RING	1	
12	58081	**ROTATING KIT**	1 per	
13	58080	COMPENSATOR	1	
14	58300	WASHER	1	
15	58301	THRUST WASHER	2	
16	58302	THRUST BEARING	1	
17	58303	DRIVE SHAFT	1	
18	58304	BEARING	1	
19	58305	BEARING	2	
20	58306	INNER RACE	2	
21	58307	COVER	2	
22	58308	SPRING	1	
23	58309	COVER	1	
24	58310	PIVOT BUTTON	1	
25	58312	PISTON	1	
27	58313	BEARING	1	
28	58314	ROLL PIN	2	
29	58315	BOLT	4	
30	58316	BOLT	4	
31	*63028	**GEAR PUMP**		
	*63029	**REPAIR KIT FOR 63028 - GEAR PUMP - INCLUDES ITEMS 32 TO 39**	1 per	
32		O RING	1	
33		DIAPHRAM	1	
34		BACK-UP GASKET	1	
35		GASKET	1	
36		SEAL	1	
37		SPRING	2	
38		BALL	2	
39		SEAL	1	
40	*63030	DRIVE SHAFT	1	
41	*63031	IDLER GEAR	1	
42	44045	**PUMP MOUNT KIT**	1 per	



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PUMP DRIVESHAFT INSTALLATION - MODEL 710/710A

NOVEMBER 1984

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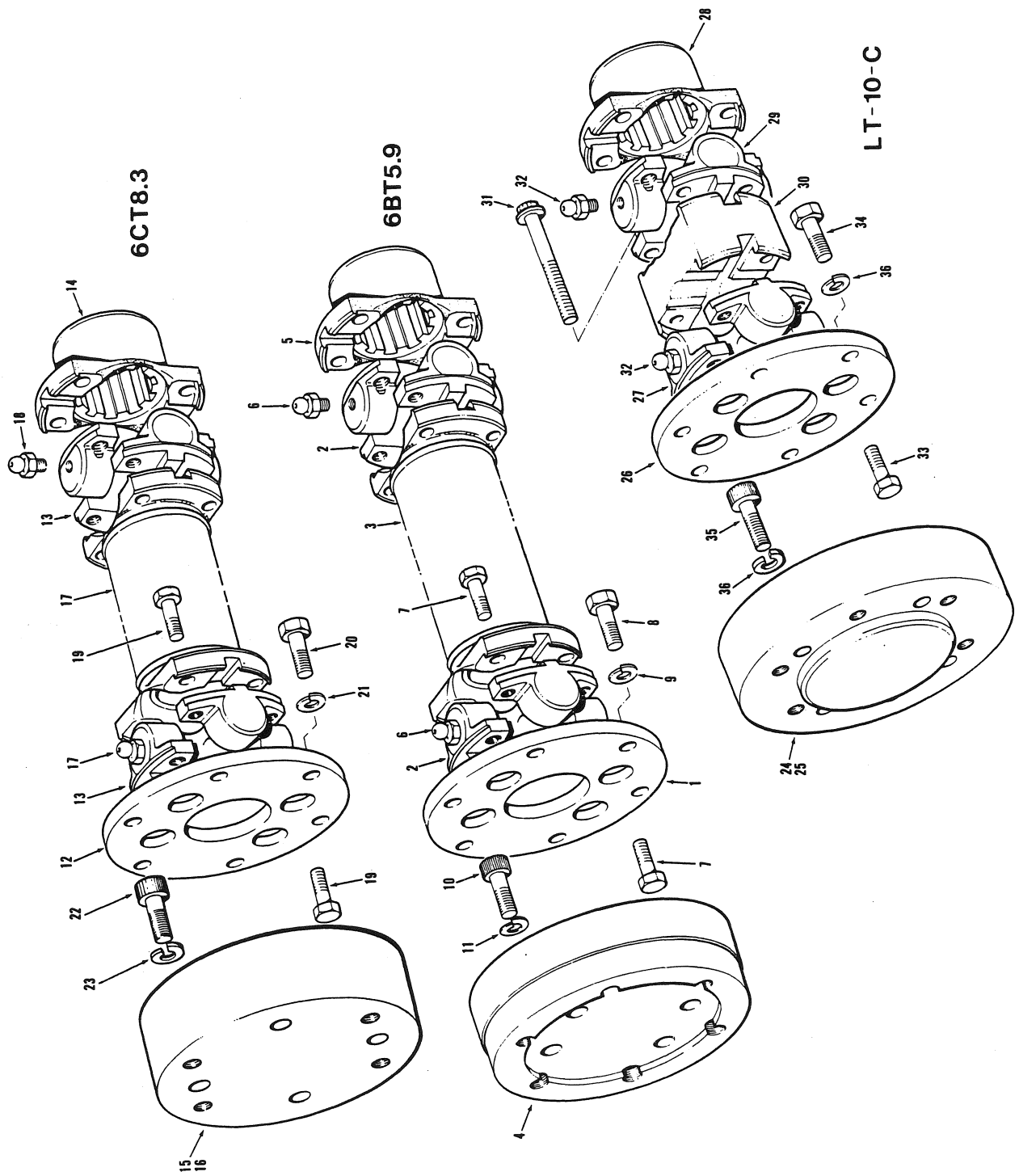
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PUMP DRIVESHAFT INSTALLATION - MODEL 710/710A

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	40093	PUMP DRIVESHAFT - INCLUDES ITEMS 2, 3, 6 & 7	1	
1	32801	YOKE - FLANGED	1	
2	33961	SPIDER ASSY.	2	
3	40301	TUBE ASSY.	1	
4	40307	ADAPTER	1	
5	40314	YOKE - SPLINED	1	
6	29A-02	GREASE FITTING	2	
7	51A-0406	BOLT	16	
8	50A-0608	BOLT	6	
9	51D-0608	BOLT	4	
10	14A-06	LOCKWASHER	10	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS



PUMP DRIVESHAFT INSTALLATION

JANUARY 1991

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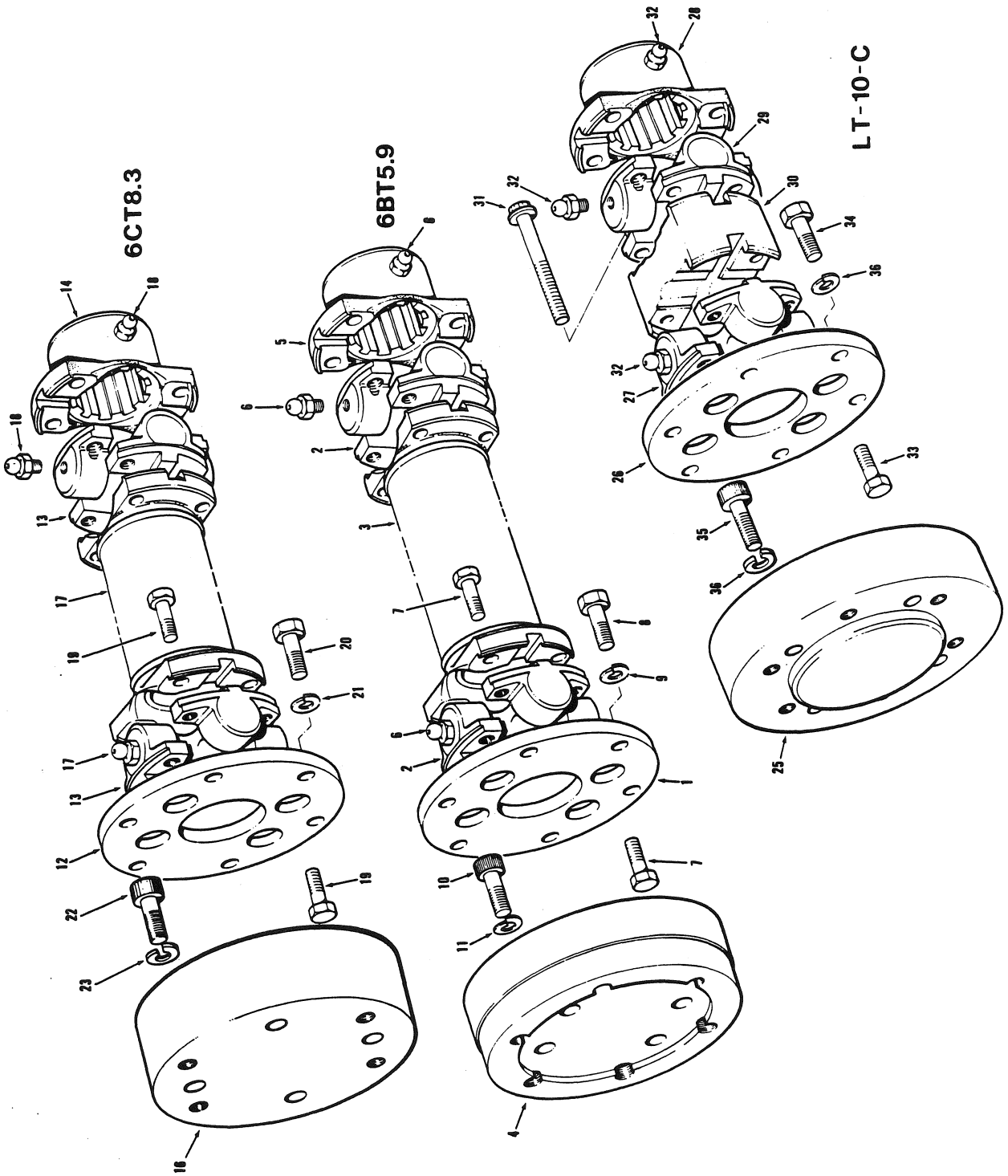
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16798 to 19981, 19983, 19986 to 19995, 19997 to 20004, 20006 to 20105, 20107 to 20119

700 SERIES
SERIE 700

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	40093	**PUMP DRIVESHAFT - 710/710A WITH 6BT5.9** INCLUDES ITEMS 2, 3, 6 & 7		
1	32801	YOKE - FLANGED	1	
2	33961	SPIDER ASSY.	2	
3	40301	TUBE ASSY.	1	
4	40307	ADAPTER	1	
5	40314	YOKE - SPLINED	1	
6	29A-02	GREASE FITTING	2	
7	51A-0506	BOLT	16	
8	50A-0608	BOLT	6	
9	14A-06	LOCKWASHER	6	
10	50D-0710	BOLT	4	
11	14A-07	LOCKWASHER	4	
	41877	**PUMP DRIVESHAFT - 720 THRU 730A WITH 6CT8.3** INCLUDES ITEMS 13, 17, 18 & 19		
12	32801	YOKE - FLANGED	1	
13	33961	SPIDER ASSY.	2	
14	40314	YOKE - SPLINED	1	
15	41880	ADAPTER	1	UP TO S/N 19585
16	51306	ADAPTER	1	S/N 19586 & UP
17	50208	TUBE	1	
18	29A-02	GREASE FITTING	2	
19	51A-0506	BOLT	16	
20	50A-0610	BOLT	6	
21	14A-06	LOCKWASHER	4	
22	350D-1230	BOLT	4	
23	314A-12	LOCKWASHER	4	
	***41960**	**PUMP DRIVESHAFT - 740 THRU 780A WITH LT-10-C** INCLUDES ITEMS 27, 29, 30, 32 & 33		
24	30409	ADAPTER	1	UP TO S/N 19650
25	51226	ADAPTER	1	S/N 19651 & UP
26	32801	YOKE - FLANGED	1	
27	33961	SPIDER ASSY.	1	
28	40314	YOKE - SPLINED	1	
29	50209	SPIDER ASSY.	1	
30	50210	TUBE	1	
31	50211	BOLT	4	
32	29A-02	GREASE FITTING	2	
33	51A-0506	BOLT	8	
34	50A-610	BOLT	6	
35	51D-0608	BOLT	4	
36	14A-06	LOCKWASHER	6	



CHAMPION ROAD MACHINERY

PUMP DRIVESHAFT INSTALLATION

JANUARY 1991

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19982, 19984, 19985, 19996, 20005, 20104, 20106, 20120 to 20804 & 20807

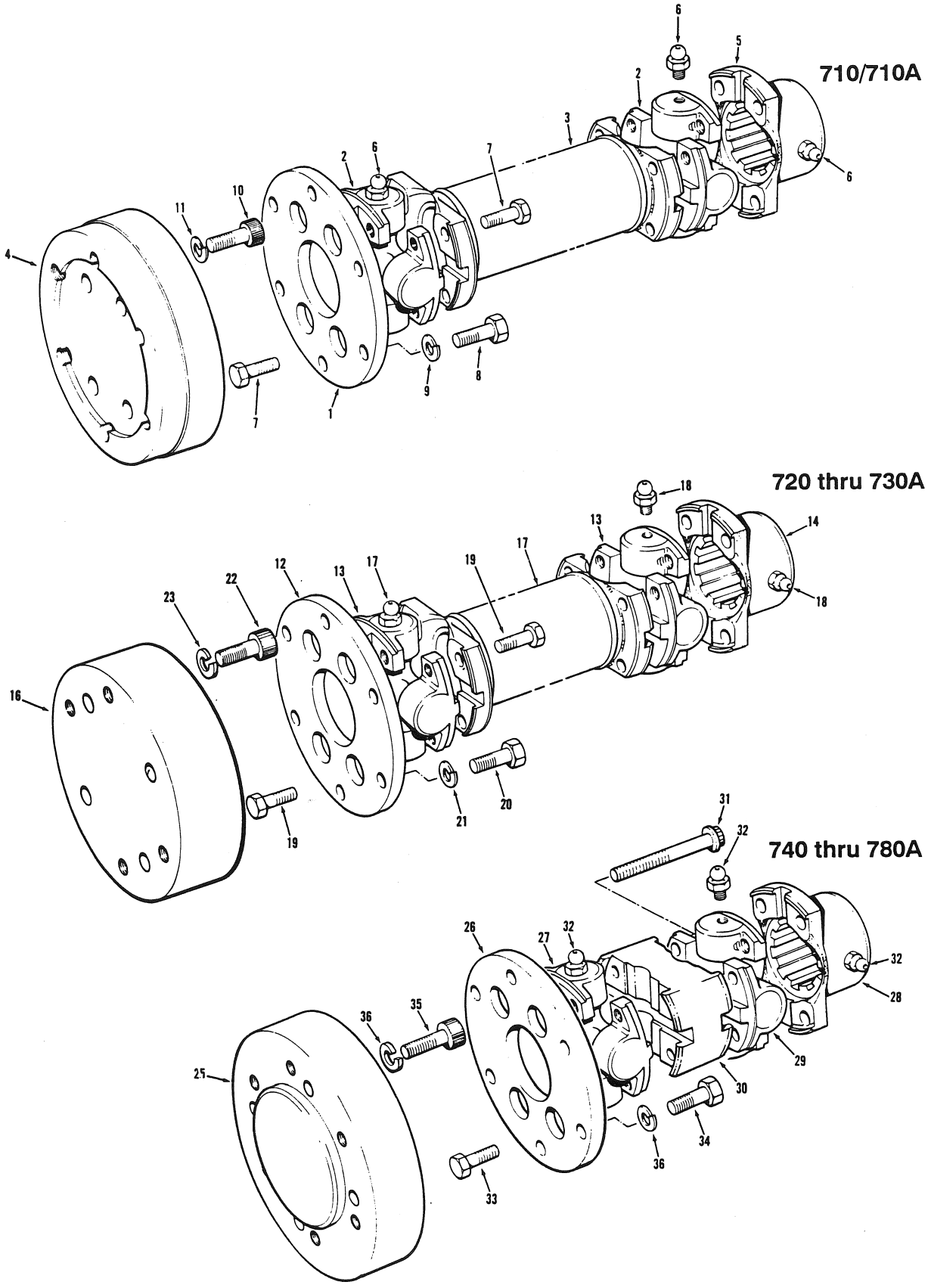
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SECTION 4 PAGE 5
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PUMP DRIVESHAFT INSTALLATION

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	40093	**PUMP DRIVESHAFT - 710/710A WITH 6BT5.9** INCLUDES ITEMS 2, 3, 6 & 7		
1	32801	YOKE - FLANGED	1	
2	33961	SPIDER ASSEMBLY	2	
3	40301	TUBE ASSEMBLY	1	
4	40307	ADAPTER	1	
5	53764	YOKE - SPLINED	1	
6	29A-02	GREASE FITTING	3	
7	51A-0506	BOLT	16	
8	50A-0608	BOLT	6	
9	14A-06	LOCKWASHER	6	
10	50D-0710	BOLT	4	
11	14A-07	LOCKWASHER	4	
	41877	**PUMP DRIVESHAFT - 720 THRU 730A WITH 6CT8.3** INCLUDES ITEMS 13, 17, 18 & 19		
12	32801	YOKE - FLANGED	1	
13	33961	SPIDER ASSEMBLY	2	
14	53764	YOKE - SPLINED	1	
16	51306	ADAPTER	1	
17	50208	TUBE	1	
18	29A-02	GREASE FITTING	3	
19	51A-0506	BOLT	16	
20	50A-0610	BOLT	6	
21	14A-06	LOCKWASHER	4	
22	350D-12030	BOLT	4	
23	314A-12	LOCKWASHER	4	
	*41960	**PUMP DRIVESHAFT - 740 THRU 780A WITH LT-10-C** INCLUDES ITEMS 27, 29, 30, 32 & 33		
25	51226	ADAPTER	1	
26	32801	YOKE - FLANGED	1	
27	33961	SPIDER ASSEMBLY	1	
28	53764	YOKE - SPLINED	1	
29	50209	SPIDER ASSEMBLY	1	
30	50210	TUBE	1	
31	50211	BOLT	4	
32	29A-02	GREASE FITTING	3	
33	51A-0506	BOLT	8	
34	50A-0608	BOLT	6	
35	51D-0608	BOLT	4	
36	14A-06	LOCKWASHER	6	



CHAMPION ROAD MACHINERY

JANUARY 1991

PUMP DRIVESHAFT INSTALLATION

4 REVISION A

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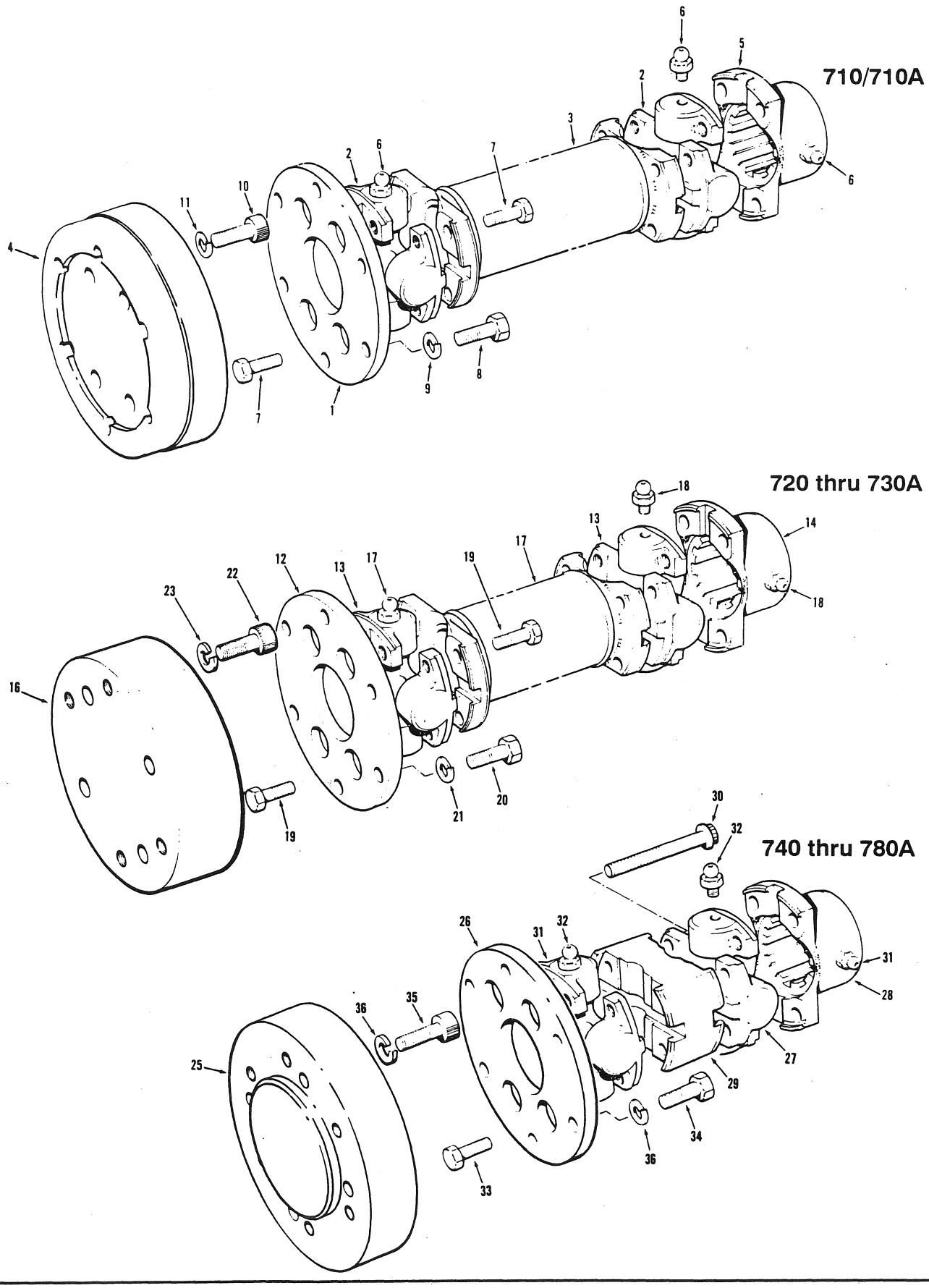
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No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	40093	**PUMP DRIVESHAFT** - INCLUDES ITEMS 2, 3, 6 & 7		710/710A
1	32801	YOKE - FLANGED	1	
2	33961	SPIDER ASSEMBLY	2	
3	40301	TUBE ASSEMBLY	1	
4	40307	ADAPTER	1	
5	53764	YOKE - SPLINED	1	
6	29A-02	GREASE FITTING	3	
7	51A-0506	BOLT	16	
8	50A-0608	BOLT	6	
9	14A-06	LOCKWASHER	6	
10	50D-0710	BOLT	4	
11	14A-07	LOCKWASHER	4	
	41877	**PUMP DRIVESHAFT** - INCLUDES ITEMS 13, 17, 18 & 19		720 thru 730A
12	32801	YOKE - FLANGED	1	
13	33961	SPIDER ASSEMBLY	2	
14	53764	YOKE - SPLINED	1	
16	41880	ADAPTER	1	
17	50208	TUBE	1	
18	29A-02	GREASE FITTING	3	
19	51A-0506	BOLT	16	
20	50A-0608	BOLT	6	
21	14A-06	LOCKWASHER	4	
22	350D-12030	BOLT	4	
23	314A-12	LOCKWASHER	4	
	*41960	**PUMP DRIVESHAFT** - INCLUDES ITEMS 27, 29, 30, 32 & 33		740 thru 780A
25	30409	ADAPTER	1	
26	32801	YOKE - FLANGED	1	
27	33961	SPIDER ASSEMBLY	1	
28	53764	YOKE - SPLINED	1	
29	50209	SPIDER ASSEMBLY	1	
30	50210	TUBE	1	
31	50211	BOLT	4	
32	29A-02	GREASE FITTING	3	
33	51A-0506	BOLT	8	
34	50A-0608	BOLT	6	
35	51D-0608	BOLT	4	
36	14A-06	LOCKWASHER	6	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS

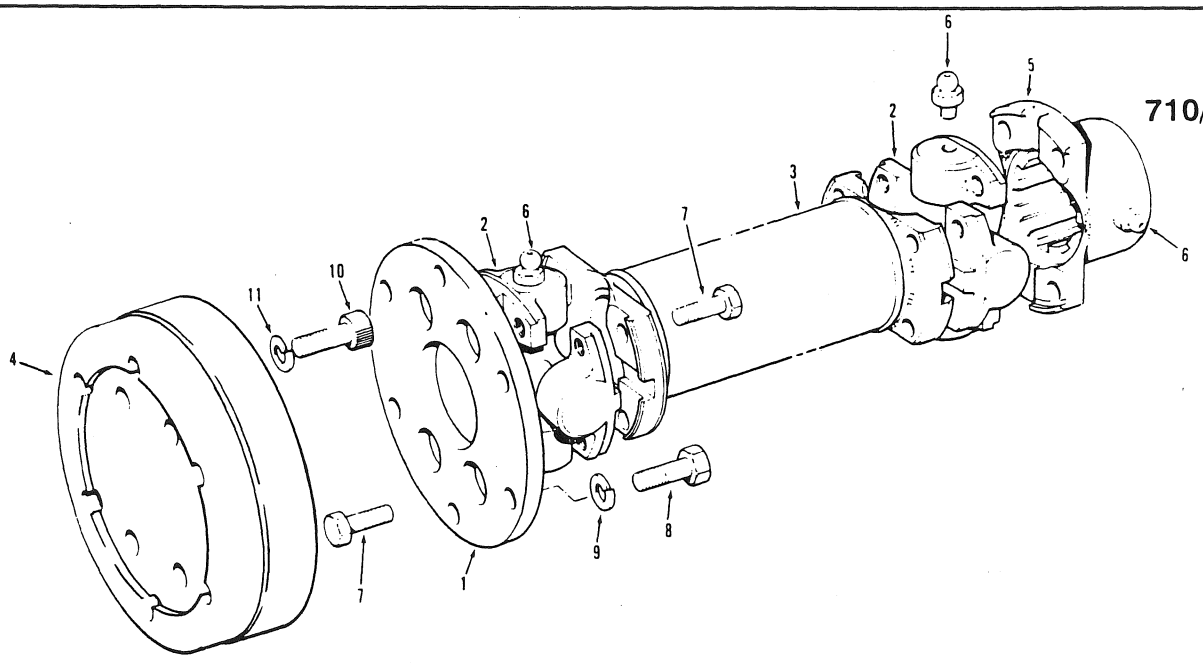

710/710A
720 thru 730A
740 thru 780A

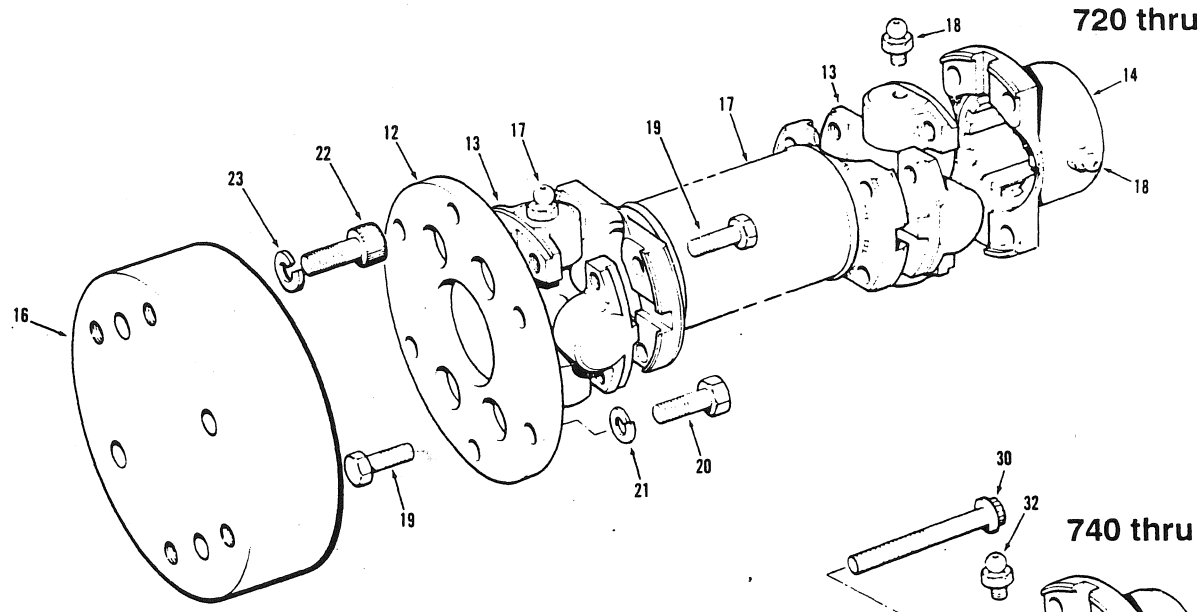
SECTION 4 | PAGE 6 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 5 REVISION A

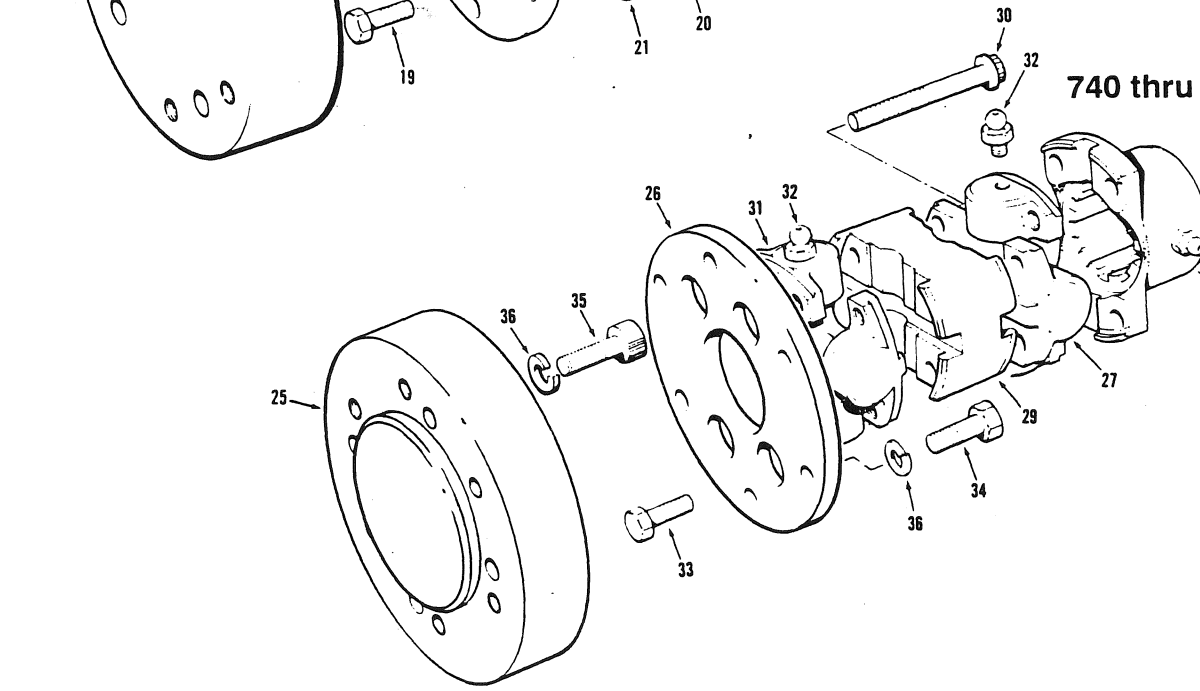
PUMP DRIVESHAFT INSTALLATION

FEBRUARY 1992

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
	40093	**PUMP DRIVESHAFT - 6BT - INCLUDES ITEMS 2, 3, 6 & 7**		**710/710A**
1	32801	YOKE - FLANGED	1	
2	33961	SPIDER ASSEMBLY	2	
3	40301	TUBE ASSEMBLY	1	
4	40307	ADAPTER	1	
5	53764	YOKE - SPLINED	1	
6	29A-02	GREASE FITTING	3	
7	51A-0506	BOLT	16	
8	50A-0608	BOLT	6	
9	14A-06	LOCKWASHER	6	
10	50D-0710	BOLT	4	
11	14A-07	LOCKWASHER	4	
	41877	**PUMP DRIVESHAFT - 6CT - INCLUDES ITEMS 13, 17, 18 & 19**		**720 thru 730A**
12	32801	YOKE - FLANGED	1	
13	33961	SPIDER ASSEMBLY	2	
14	53764	YOKE - SPLINED	1	
16	41880	ADAPTER	1	
17	50208	TUBE	1	
18	29A-02	GREASE FITTING	3	
19	51A-0506	BOLT	16	
20	50A-0608	BOLT	6	
21	14A-06	LOCKWASHER	4	
22	350D-12030	BOLT	4	
23	314A-12	LOCKWASHER	4	
	59433	**PUMP DRIVESHAFT - L-10 - INCLUDES ITEMS 27, 29, 31, 32 & 33**		**740 thru 780A**
25	30409	ADAPTER	1	
26	59432	YOKE - FLANGED	1	
27	59435	SPIDER ASSEMBLY	1	
28	56630	YOKE - SPLINED	1	
29	*59434	TUBE	1	
30	*50211	BOLT	4	
31	*63070	SPIDER ASSEMBLY	1	
32	29A-02	GREASE FITTING	3	
33	51A-0506	BOLT	8	
34	50A-0608	BOLT	8	
35	51D-0608	BOLT	4	
36	14A-06	LOCKWASHER	6	







FEBRUARY 1992

PUMP DRIVESHAFT INSTALLATION

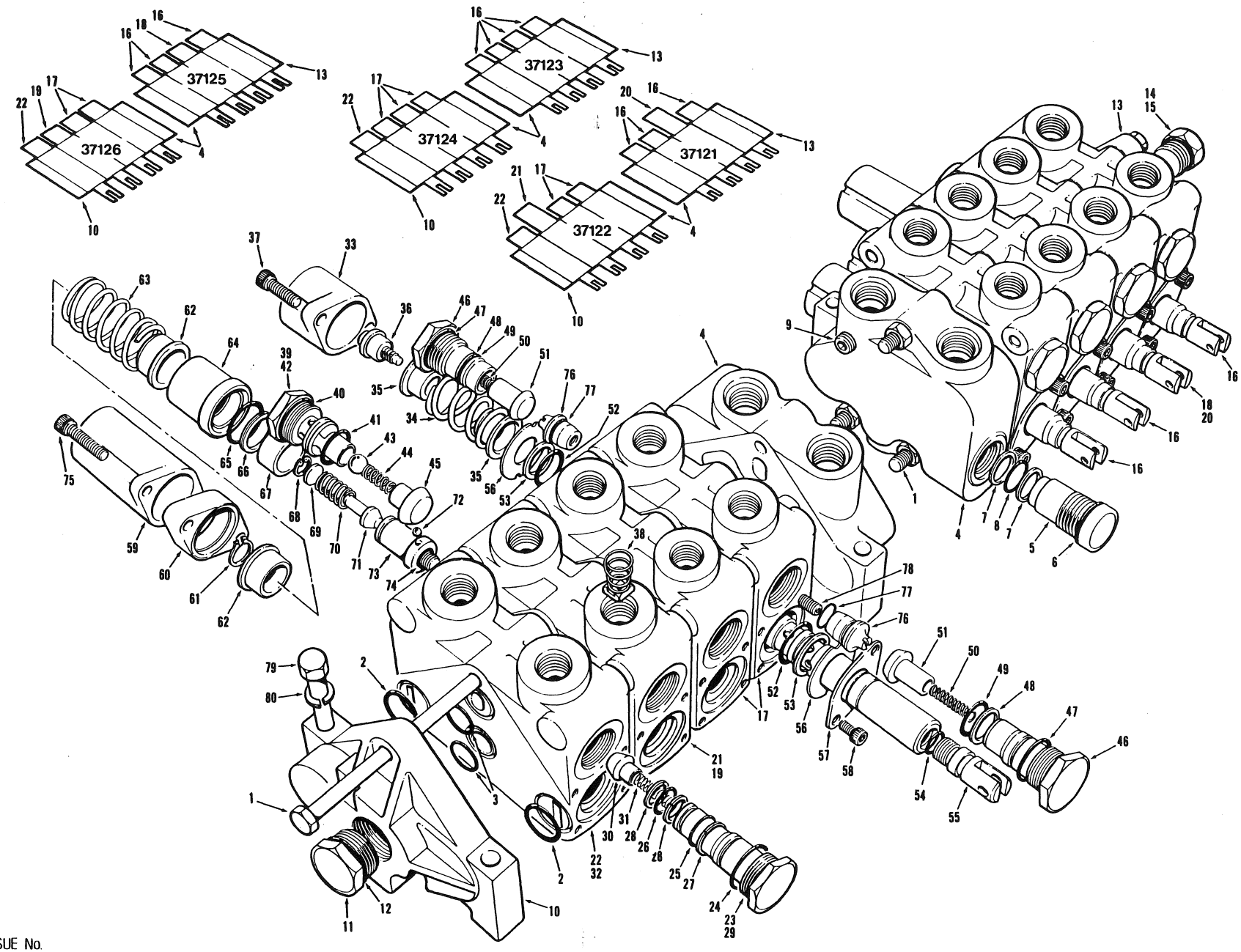
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **6 REVISION A**

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S) **21962 & UP**

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4	6	6 REVISION A	PUMP DRIVESHAFT INSTALLATION	FEBRUARY 1992

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	59898	**PUMP DRIVESHAFT - 6BT**		**710/710A**
		- INCLUDES ITEMS 2, 3, 6 & 7		
1	32801	YOKE - FLANGED	1	
2	33961	SPIDER ASSEMBLY	2	
3	59900	TUBE ASSEMBLY	1	
4	40307	ADAPTER	1	
5	53764	YOKE - SPLINED	1	
6	29A-02	GREASE FITTING	3	
7	51A-0506	BOLT	16	
8	50A-0608	BOLT	6	
9	14A-06	LOCKWASHER	6	
10	50D-0710	BOLT	4	
11	14A-07	LOCKWASHER	4	
	59899	**PUMP DRIVESHAFT - 6CT**		**720 thru 730A**
		- INCLUDES ITEMS 13, 17, 18 & 19		
12	59432	YOKE - FLANGED	1	
13	59435	SPIDER ASSEMBLY	2	
14	56630	YOKE - SPLINED	1	
16	41880	ADAPTER	1	
17	59901	TUBE	1	
18	29A-02	GREASE FITTING	3	
19	51D-0506	BOLT	16	
20	50A-0608	BOLT	6	
21	14A-06	LOCKWASHER	4	
22	350D-12030	BOLT	4	
23	314A-12	LOCKWASHER	4	
	59433	**PUMP DRIVESHAFT - L-10**		**740 thru 780A**
		- INCLUDES ITEMS 27, 29, 31, 32 & 33		
25	30409	ADAPTER	1	
26	59432	YOKE - FLANGED	1	
27	59435	SPIDER ASSEMBLY	1	
28	56630	YOKE - SPLINED	1	
29	*59434	TUBE	1	
30	*50211	BOLT	4	
31	*63070	SPIDER ASSEMBLY	1	
32	29A-02	GREASE FITTING	3	
33	51A-0506	BOLT	8	
34	50A-0608	BOLT	8	
35	51D-0608	BOLT	4	
36	14A-06	LOCKWASHER	6	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

MANIFOLD VALVE ASSEMBLY

NOVEMBER 1985

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EFFECTIVE SERIAL NUMBER(S) 16224, 16245 TO 16885 &
NUMERO(S) DE SÉRIE EFFECTIF(S) 16888 TO 16893
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

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SECCION 4 PAGINA 7

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

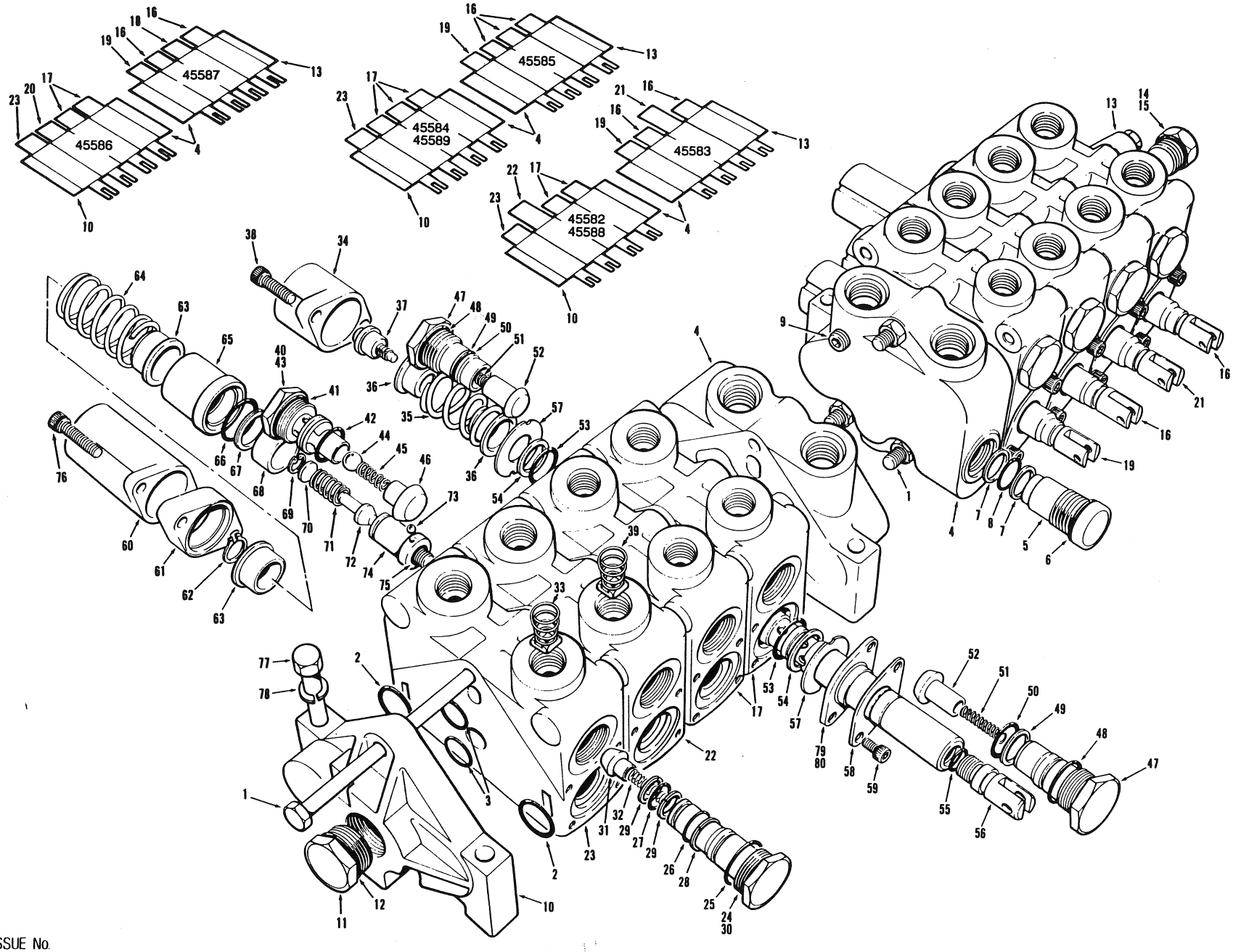
SECTION 4 | PAGE 8 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 1 REVISION A

MANIFOLD VALVE ASSEMBLY

NOVEMBER 1985

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	37121	R.H. MANIFOLD VALVE - C/W INTEGRAL FLOAT & ANTI-CAVITATION - INCLUDES 3 OF ITEM 16, 1 OF ITEM 20, ITEMS 1 TO 9 & 13 TO 15	A.R.	
	37122	L.H. MANIFOLD VALVE - C/W INTEGRAL FLOAT & ANTI-CAVITATION - INCLUDES 2 OF ITEM 17, 1 OF ITEM 21, 1 OF ITEM 22 & ITEMS 1 TO 12	A.R.	
	37123	R.H. MANIFOLD VALVE - INCLUDES 4 OF ITEM 16, ITEMS 1 TO 9 & 13 TO 15	A.R.	
	37124	L.H. MANIFOLD VALVE - INCLUDES 3 OF ITEM 17, 1 OF ITEM 22 & ITEMS 1 TO 12	A.R.	
	37125	R.H. MANIFOLD VALVE - C/W ANTI-CAVITATION & RESTRICTOR - INCLUDES 3 OF ITEM 16, 1 OF ITEM 18, ITEMS 1 TO 9 & 13 TO 15	A.R.	
	37126	L.H. MANIFOLD VALVE - C/W ANTI-CAVITATION & RESTRICTOR - INCLUDES 2 OF ITEM 17, 1 OF ITEM 19, 1 OF ITEM 22 & ITEMS 1 TO 12	A.R.	
1	27536	STUD KIT	1	
2	27538	O RING - LARGE	10	
3	27539	O RING - SMALL	10	
4	36942	INLET COVER - INCLUDES ITEMS 5 TO 9	1	
5	37094	RELIEF PLUG - INCLUDES ITEMS 6 TO 8	1	
	37212	SEAL KIT - INCLUDES ITEMS 6 TO 8	A.R.	
6		O RING	1	
7		BACK-UP WASHER	2	
8		O RING	1	
9	115D-04	PLUG	1	
10	36944	END COVER - L.H. - INCLUDES ITEMS 11 & 12	1	
11	111H-10	PLUG - C/W ITEM 12	1	
12		O RING	1	
13	36945	END COVER - R.H. - INCLUDES ITEMS 14 & 15	1	
14	26507	CONVERSION PLUG	1	
15	28414	O RING	1	
16	36946	VALVE SECTION - R.H. MANIFOLD - INCLUDES ITEMS 33 TO 37, 46 TO 58 & 76 TO 78	A.R.	
17	36947	VALVE SECTION - L.H. MANIFOLD - INCLUDES ITEMS 33 TO 37, 46 TO 58 & 76 TO 78	A.R.	
18	36948	BLADE LIFT VALVE SECTION - R.H. MANIFOLD - C/W ANTI-CAVITATION & RESTRICTOR - INCLUDES ITEMS 33 TO 58 & 76 TO 78	A.R.	
19	36949	BLADE LIFT VALVE SECTION - L.H. MANIFOLD - C/W ANTI-CAVITATION & RESTRICTOR - INCLUDES ITEMS 33 TO 58 & 76 TO 78	A.R.	
20	37003	BLADE LIFT VALVE SECTION - R.H. MANIFOLD - C/W INTEGRAL FLOAT, ANTI-CAVITATION & RESTRICTOR - INCLUDES ITEMS 38 TO 78	A.R.	
21	37004	BLADE LIFT VALVE SECTION - L.H. MANIFOLD - C/W INTEGRAL FLOAT, ANTI-CAVITATION & RESTRICTOR - INCLUDES ITEMS 38 TO 78	A.R.	
22	37206	BLADE TILT VALVE SECTION - L.H. MANIFOLD - INCLUDES ITEMS 23 TO 37 &52 TO 58	1	
23	37207	CYL. PORT LOAD CHECK - C/W ITEMS 24 TO 31	2	
	37090	COMPLETE SEAL KIT FOR ITEMS 16 TO 19	A.R.	
	37091	COMPLETE SEAL KIT FOR ITEMS 20 & 21	A.R.	
	37209	COMPLETE SEAL KIT FOR ITEM 22	A.R.	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	36951	SEAL KIT - INCLUDES ITEMS 24 TO 28	A.R.	
24		O RING	1	
25		O RING	1	
26		O RING	1	
27		BACK-UP WASHER	1	
28		BACK-UP WASHER	2	
29		PLUG	1	
30		POPPET	1	
31		SPRING	1	
32	36953	SEAL KIT - C/W SEALS & BACK-UP WASHER	A.R.	
33	37208	SPOOL POSITIONER - C/W ITEMS 34 TO 37	A.R.	
34		SPRING	1	
35		SPRING COLLAR	2	
36		SPOOL COLLAR	1	
37	50D-0404	CAPSCREW	2	
38	36943	ORIFICE RESTRICTOR	A.R.	
39	36950	ANTI-CAVITATION CHECK -C/W ITEMS 40 TO 45	A.R.	
	37089	SEAL KIT - INCLUDES ITEMS 40 & 41	A.R.	
40		O RING	1	
41		O RING	1	
42		CHECK BODY	1	
43		STEEL BALL	1	
44		SPRING	1	
45		CHECK	1	
46	36952	CYL. PORT LOAD CHECK - C/W ITEMS 47 TO 51	A.R.	
	37088	SEAL KIT - INCLUDES ITEMS 47 TO 49	A.R.	
47		O RING	1	
48		BACK-UP WASHER	1	
49		O RING	1	
50		SPRING	1	
51		POPPET	1	
	37086	SPOOL SEAL KIT - INCLUDES ITEMS 52 TO 54	A.R.	
52		O RING	2	
53		BACK-UP WASHER	2	
54		O RING	2	
	37087	SPOOL SEAL KIT - INCLUDES ITEMS 52 & 53	A.R.	
55		SPOOL	1	
56		RETAINER PLATE	2	
57		SEAL PLATE	2	
58	50D-0405	CAPSCREW	2	
59	37005	FLOAT POSITIONER - C/W ITEMS 60 TO 75	A.R.	
60		SPACER	1	
61		RETAINING RING	1	
62		SPRING COLLAR	2	
63		SPRING	1	
64		DETENT SLEEVE	1	
65		O RING	1	
66		SEAL	1	
67		SLEEVE	1	
68		RETAINING RING	1	
69		SHIM	1	
70		SPRING	1	
71		BALL FOLLOWER	1	
72		STEEL BALL	4	
73	*	COLLAR SPOOL	1	
74	*	O RING	1	
75	50D-0414	CAPSCREW	2	
	37085	SERIES PLUG KIT - C/W ITEMS 76 TO 78	A.R.	
76		PLUG	2	
77		O RING	2	
78		SET SCREW	1	
79	50D-0520	CAPSCREW	6	
80	14A-05	LOCKWASHER	6	



MANIFOLD VALVE ASSEMBLY

ISSUE No.
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MARCH 1988

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NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2500-2 TO 2503-2, 2512-2 & UP

700 SERIES
SERIE 700

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SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

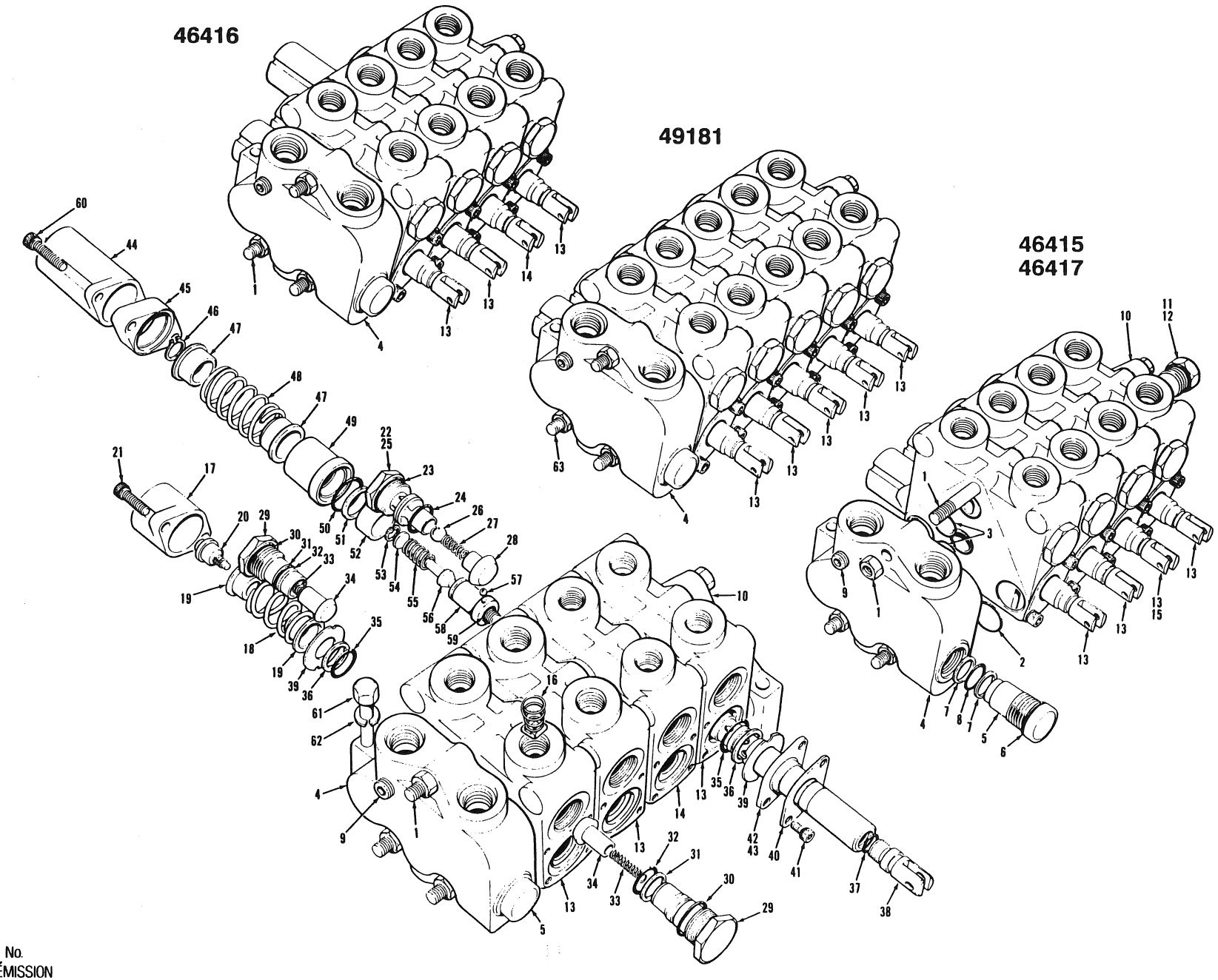
SECTION / SECCION 4 | PAGE / PAGINA 8 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 2 REVISION C

MANIFOLD VALVE ASSEMBLY

MARCH 1988

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	*45583	R.H. MANIFOLD VALVE - C/W INTEGRAL FLOAT & ANTI-CAVITATION - INCLUDES 2 OF ITEM 16, 1 OF ITEM 19, & 1 OF ITEM 21 ITEMS 1 TO 9 & 13 TO 15	A.R.	
	*45582	L.H. MANIFOLD VALVE - C/W INTEGRAL FLOAT & ANTI-CAVITATION - INCLUDES 2 OF ITEM 17, 1 OF ITEM 22, 1 OF ITEM 23 & ITEMS 1 TO 12	A.R.	
	*45588	45582 L.H. VALVE - C/W ITEM 33	A.R.	780 & 780A
	*45585	R.H. MANIFOLD VALVE - INCLUDES 3 OF ITEM 16, & 1 OF ITEM 19 ITEMS 1 TO 9 & 13 TO 15	A.R.	
	*45584	L.H. MANIFOLD VALVE - INCLUDES 3 OF ITEM 17, 1 OF ITEM 23 & ITEMS 1 TO 12	A.R.	
	*45589	45584 L.H. VALVE - C/W ITEM 33	A.R.	780 & 780A
	*45587	R.H. MANIFOLD VALVE - C/W ANTI-CAVITATION & RESTRICTOR - INCLUDES 2 OF ITEM 16, 1 OF ITEM 18 & 1 OF ITEM 19 ITEMS 1 TO 9 & 13 TO 15	A.R.	
	*45586	L.H. MANIFOLD VALVE - C/W ANTI-CAVITATION & RESTRICTOR - INCLUDES 2 OF ITEM 17, 1 OF ITEM 20, 1 OF ITEM 23 & ITEMS 1 TO 12	A.R.	
1	27536	STUD KIT - (3 BOLTS & NUTS)	1	
2	27538	O RING - LARGE	10	
3	27539	O RING - SMALL	10	
4	36942	INLET COVER - INCLUDES ITEMS 5 TO 9	1	
5	37094	RELIEF PLUG - INCLUDES ITEMS 6 TO 8	1	
	37212	SEAL KIT - INCLUDES ITEMS 6 TO 8	A.R.	
6		O RING	1	
7		BACK-UP WASHER	2	
8		O RING	1	
9	115D-04	PLUG	1	
10	36944	END COVER- L.H. INCLUDES ITEMS 11 & 12	1	
11	111H-10	PLUG - C/W ITEM 12	1	
12		O RING	1	
13	36945	END COVER - R.H. INCLUDES ITEMS 14 & 15	1	
14	26507	CONVERSION PLUG	1	
15	28414	O RING	1	
16	*48326	VALVE SECTION - R.H. MANIFOLD - INCLUDES ITEMS 34 TO 38 & 47 TO 59	3	
17	*48327	VALVE SECTION - L.H. MANIFOLD - INCLUDES ITEMS 34 TO 38 & 47 TO 59	2	
18	*48328	BLADE LIFT VALVE SECTION - R.H. MANIFOLD C/W ANTI-CAVITATION & RESTRICTOR INCLUDES ITEMS 34 TO 39 & 40 TO 59	1	
19	*48329	SIDE SHIFT VALVE SECTION - R.H. MANIFOLD INCLUDES ITEMS 34 TO 39 & 47 TO 59	1	
20	*48330	BLADE LIFT VALVE SECTION - L.H. MANIFOLD C/W ANTI-CAVITATION & RESTRICTOR INCLUDES ITEMS 33 TO 38 & 40 TO 59	1	
21	*48331	BLADE LIFT VALVE SECTION - R.H. MANIFOLD C/W INTEGRAL FLOAT, ANTI-CAVITATION & RESTRICTOR - INCLUDES ITEMS 33 & 40 TO 76	1	
22	*48332	BLADE LIFT VALVE SECTION - L.H. MANIFOLD C/W INTEGRAL FLOAT, ANTI-CAVITATION & RESTRICTOR - INCLUDES ITEMS 33 & 40 TO 76	1	
23	*48333	BLADE TILT VALVE SECTION - L.H. MANIFOLD C/W ITEMS 24 TO 32 & 60 TO 76	1	
	37090	COMPLETE SEAL KIT FOR ITEMS 16 TO 20	A.R.	
	37091	COMPLETE SEAL KIT FOR ITEMS 21 TO 22	A.R.	
	37209	COMPLETE SEAL KIT FOR ITEM 23	A.R.	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
24	37207	CYL. PORT LOAD CHECK - C/W ITEMS 25 TO 32	2	
	36951	SEAL KIT - INCLUDES ITEMS 25 TO 29	A.R.	
25		O RING	1	
26		O RING	1	
27		O RING	1	
28		BACK-UP WASHER	1	
29		BACK-UP WASHER	2	
30		PLUG	1	
31		POPPET	1	
32		SPRING	1	
33	44953	RESTRICTOR	1	780 & 780A
34	37208	SPOOL POSITIONER - C/W ITEMS 35 TO 38	3	
35	*36648	SPRING	1	
36		SPRING COLLAR	2	
37		SPOOL COLLAR	1	
38	50D-0404	CAPSCREW	2	
39	42727	ORIFICE RESTRICTOR	1	
40	36950	ANTI-CAVITATION CHECK - C/W ITEMS 41 TO 46	2	
	37089	SEAL KIT - INCLUDES ITEMS 41 & 42	A.R.	
41		O RING	1	
42		O RING	1	
43		CHECK BODY	1	
44		STEEL BALL	1	
45		SPRING	1	
46		CHECK	1	
47	36952	CYL. PORT LOAD CHECK - C/W ITEMS 48 TO 52	A.R.	
	37088	SEAL KIT - INCLUDES 48 TO 50	A.R.	
48		O RING	1	
49		BACK-UP	1	
50		O RING	1	
51		SPRING	1	
52		POPPET	1	
	37086	SPOOL SEAL KIT - INCLUDES ITEMS 53 TO 55	A.R.	
	37087	SPOOL KIT - INCLUDES ITEMS 56 TO 59	A.R.	
53		O RING	2	
54		BACK-UP WASHER	2	
55		O RING	2	
56	*45516	SPOOL	1	
57	*45517	RETAINER PLATE	2	
58	*45518	SEAL PLATE	2	
59	50D-0405	CAPSCREW	2	
60	37005	FLOAT POSITIONER - C/W ITEMS 61 TO 76	1	
61		SPACER	1	
62		RETAINER RING	1	
63		SPRING COLLAR	2	
64	*36647	SPRING	1	
65		DETENT SLEEVE	1	
66		O RING	1	
67		SEAL	1	
68		SLEEVE	1	
69		RETAINING RING	1	
70		SHIM	1	
71		SPRING	1	
72		BALL FOLLOWER	1	
73		STEEL BALL	4	
74		COLLAR SPOOL	1	
75		O RING	1	
76	50D-0414	CAPSCREW	2	
77	50A-0520	CAPSCREW	6	
78	14A-05	LOCKWASHER	6	
	*45600	WIPER KIT C/W ITEMS 79 & 80	A.R.	
79		WIPER - SPOOL	1	
80		RETAINER - SPOOL	1	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **3 REVISION A**

MANIFOLD VALVE ASSEMBLY

JULY 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

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NUMERO(S) DE SERIE EFECTIVO(S)
18578, 18590, 18592 to 19291

700 SERIES
SERIE 700

SECTION 4 PAGE 7
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

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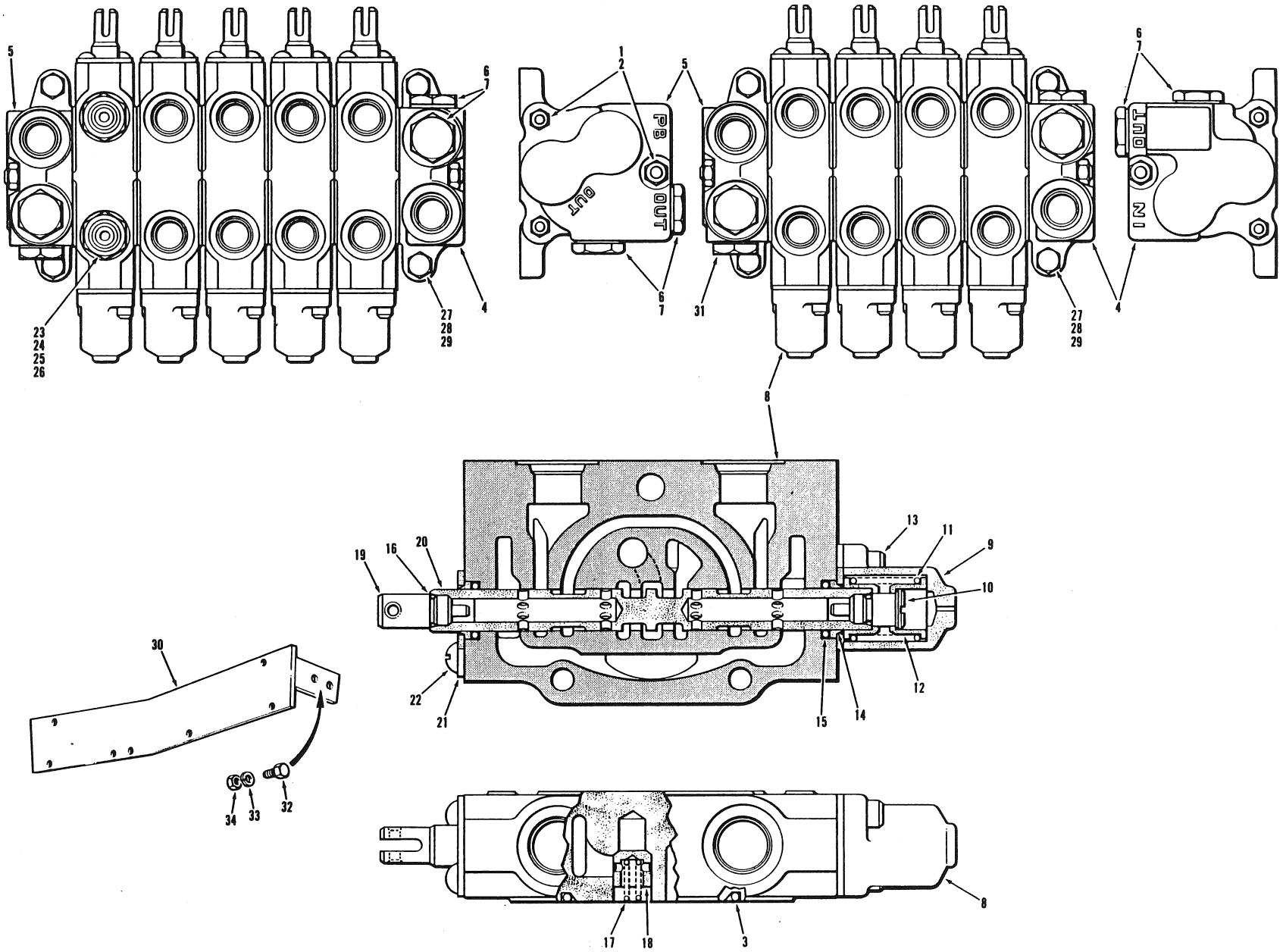
MANIFOLD VALVE ASSEMBLY

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	46415	MANIFOLD VALVE ASSEMBLY -C/W 36943 RESTRICTOR. INCLUDES 3 OF 13,1 OF 15 ITEMS 1 TO 9	A.R.	
	46416	MANIFOLD VALVE ASSEMBLY - C/W 36943 RESTRICTOR. INCLUDES 3 OF 13,1 OF 14 ITEMS 1 TO 9	A.R.	
	46417	MANIFOLD VALVE ASSEMBLY - INCLUDES 4 OF 13 ITEMS 1 TO 9	A.R.	
	49181	MANIFOLD VALVE ASSEMBLY - INCLUDES 5 OF 13 ITEMS 2 TO 9 & 63	A.R.	MOVEABLE POINT HI LIFT
1	27536	STUD KIT - (3 BOLTS & NUTS)	1	
2	27538	O-RING - LARGE	10	
3	27539	O-RING - SMALL	10	
4	36942	INLET COVER - INCLUDES ITEMS 5 TO 9	1	
5	37094	RELIEF PLUG - INCLUDES 6 TO 8	1	
	37212	SEAL KIT - INCLUDES ITEMS 6 TO 8	A.R.	
6		O-RING	1	
7		BACK - UP WASHER	2	
8		O-RING	1	
9	115D-04	PLUG	1	
10	36944	END COVER INCLUDING ITEMS 11 & 12	1	
11	111H-10	PLUG - C/W ITEM 12		
12	28414	O-RING	1	
13	48344	VALVE SECTION - INCLUDES ITEMS - 17 TO 21 29 TO 43	A.R.	
14	48673	VALVE SECTION - INCLUDES ITEMS - 22 TO 60	A.R.	
15	48674	VALVE SECTION - INCLUDES ITEMS 17 TO 43	A.R.	
16	36943	RESTRICTOR	A.R.	
17	48676	SPOOL POSITIONER - C/W ITEMS 18 TO 21	A.R.	
18	36648	SPRING	1	
19		SPRING - COLLAR	2	
20		SPOOL - COLLAR	1	
21		CAPSCREW	2	
22	36950	ANTI-CAVITATION CHECK C/W ITEMS 23 TO 28	1	
	37089	SEAL KIT - INCLUDES 23 & 24		
23		O-RING	1	
24		O-RING	1	
25		CHECK BODY	1	
26		STEEL BALL	1	
27		SPRING	1	
28		CHECK	1	
29	36952	CYL. PORT LOAD CHECK - C/W ITEMS 30 TO 34	A.R.	
	37088	SEAL KIT - INCLUDES 30 TO 32		
30		O-RING	1	
31		BACK-UP RING	1	
32		O-RING	1	
33		SPRING	1	
34		POPPET	1	
	37086	SPOOL SEAL KIT - INCLUDES ITEMS 35 TO 37	A.R.	
35		O-RING	2	
36		BACK UP WASHER	2	
37		O-RING	1	
	37087	SPOOL KIT - INCLUDES ITEMS 35 & 36	A.R.	
38		SPOOL	1	
39		RETAINER PLATE	2	
40		SEAL PLATE	1	
41	50D-0405	CAPSCREW	2	
	45600	WIPER KIT C/W 42 & 43	A.R.	
42		WIPER - SPOOL	1	
43		RETAINER - SPOOL	1	
44	48675	FLOAT POSITIONER - C/W ITEMS 45 TO 60	1	
45		SPACER	1	
46		RETAINER PLATE	1	
47		SPRING COLLAR	2	
48	36647	SPRING	1	
49	*52433	DETENT SLEEVE	1	
50	*52434	O-RING	1	
51	*52435	SEAL	1	
52	*52436	SLEEVE	1	
53		RETAINING RING	1	
54		SHIM	1	
55		SPRING	1	
56		BALL FOLLOWER	1	
57		STEEL BALL	1	
58		COLLAR SPOOL	1	
59		O-RING	1	
60	50D-0414	CAPSCREW	2	
61	50A-0520	BOLT	3	
62	14A-05	LOCKWASHER	3	
63	46173	STUD KIT - (3 BOLTS & NUTS)	1	

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
19292 & UP

700 SERIES
SERIE 700

SECTION 4 PAGE 7
SECCION 4 PAGINA 7



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **4 REVISION A**

MANIFOLD VALVE ASSEMBLY

MAY 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

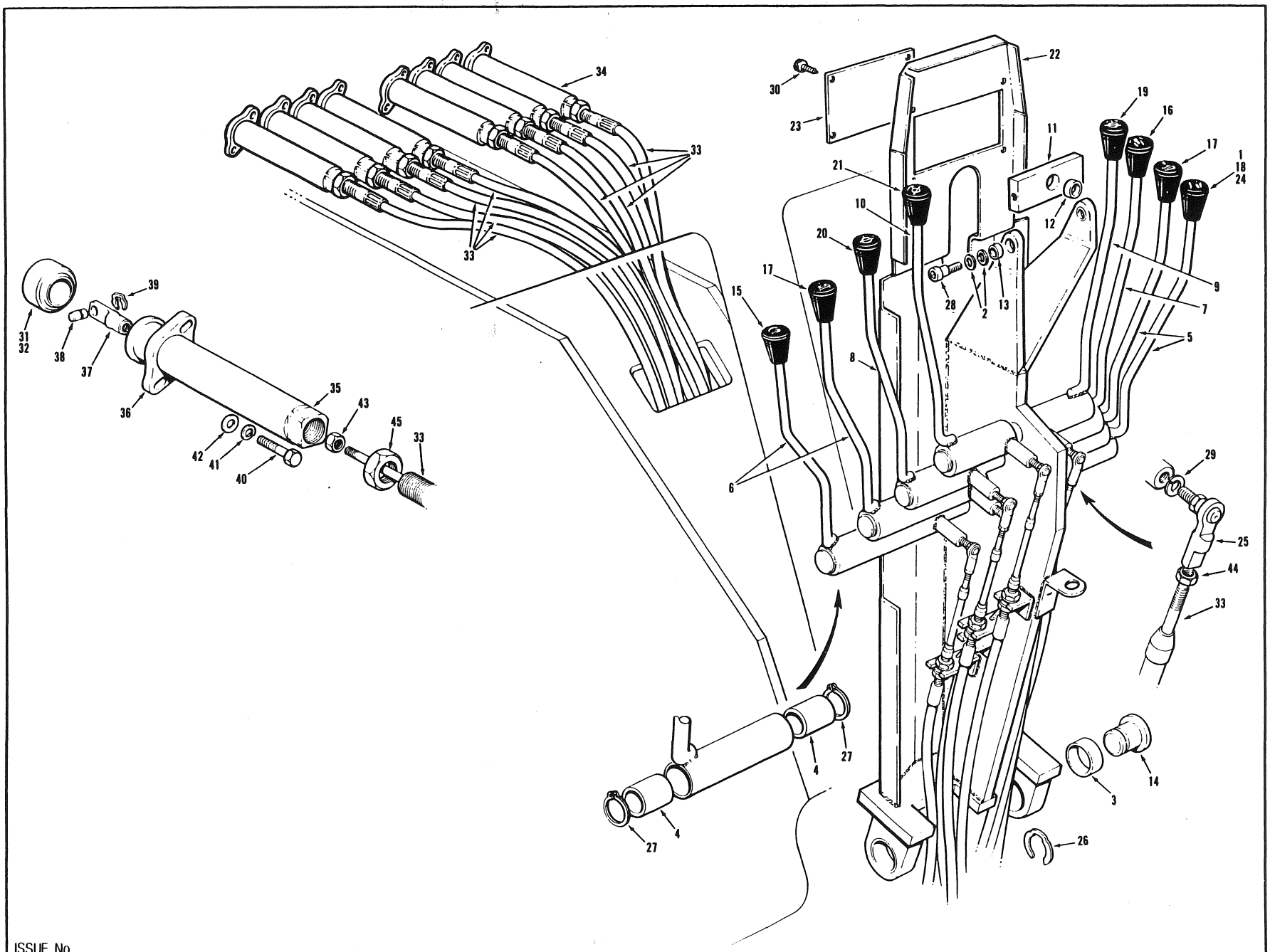
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

SECTION / SECCION 4 | PAGE / PAGINA 8 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 4 REVISION A

MANIFOLD VALVE ASSEMBLY

MAY 1989

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	48435	MANIFOLD VALVE ASSEMBLY C/W ITEMS 1, 3 TO 7 & 4 OF ITEM 8	A.R.	STANDARD
	48555	MANIFOLD VALVE ASSEMBLY C/W ITEMS 2 TO 7 & 5 OF ITEM 8, 23 TO 26	A.R.	OPTIONAL ROTARY HI-LIFT
1	49963	STUD KIT (3 BOLTS & NUTS)	1	
2	49964	STUD KIT (3 BOLTS & NUTS)	1	
3	49965	O RING	5 or 6	
4	49966	INLET SECTION - INCLUDES ITEM 6	1	
5	49967	OUTLET SECTION - INCLUDES ITEM 6	1	
6	49968	PLUG C/W ITEM 7	A.R.	
7	49969	O RING	A.R.	
8	49970	VALVE SECTION - INCLUDES ITEMS 9 TO 22	A.R.	
		POSITIONER - C/W ITEMS 9 TO 15	1	
9	49971	CAP	1	
10	49972	SPOOL END	1	
11	49973	SPRING	1	
12		SPRING SEAT	1	
13		BOLT	2	
14		WIPER	2	
15	49974	O RING	2	
16	49975	O RING	2	
17	49976	SPRING	1	
18	49977	POPPET	1	
19	49978	CLEVIS END	1	
20		SPOOL	1	
21		PLATE	1	
22		BOLT	2	
23	49979	RESTRICTOR	2	
24	49980	PLUG	2	
25	49981	SPRING	2	
26	49982	O RING	2	
	49983	O RING KIT INCLUDES ITEMS 14 & 15	A.R.	
27	50A-0512	BOLT	4	
28	14A-05	LOCKWASHER	4	
29	30A-05	NUT	4	
30	*48969	MOUNTING BRACKET	1	
31	*49202	POWER BEYOND PLUG	1	
32	*50A-0814	BOLT	4	
33	*14A-08	LOCKWASHER	4	
34	*30A-08	NUT	4	



EFFECTIVE SERIAL NUMBER(S) 16224, 16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 4 PAGE 9
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

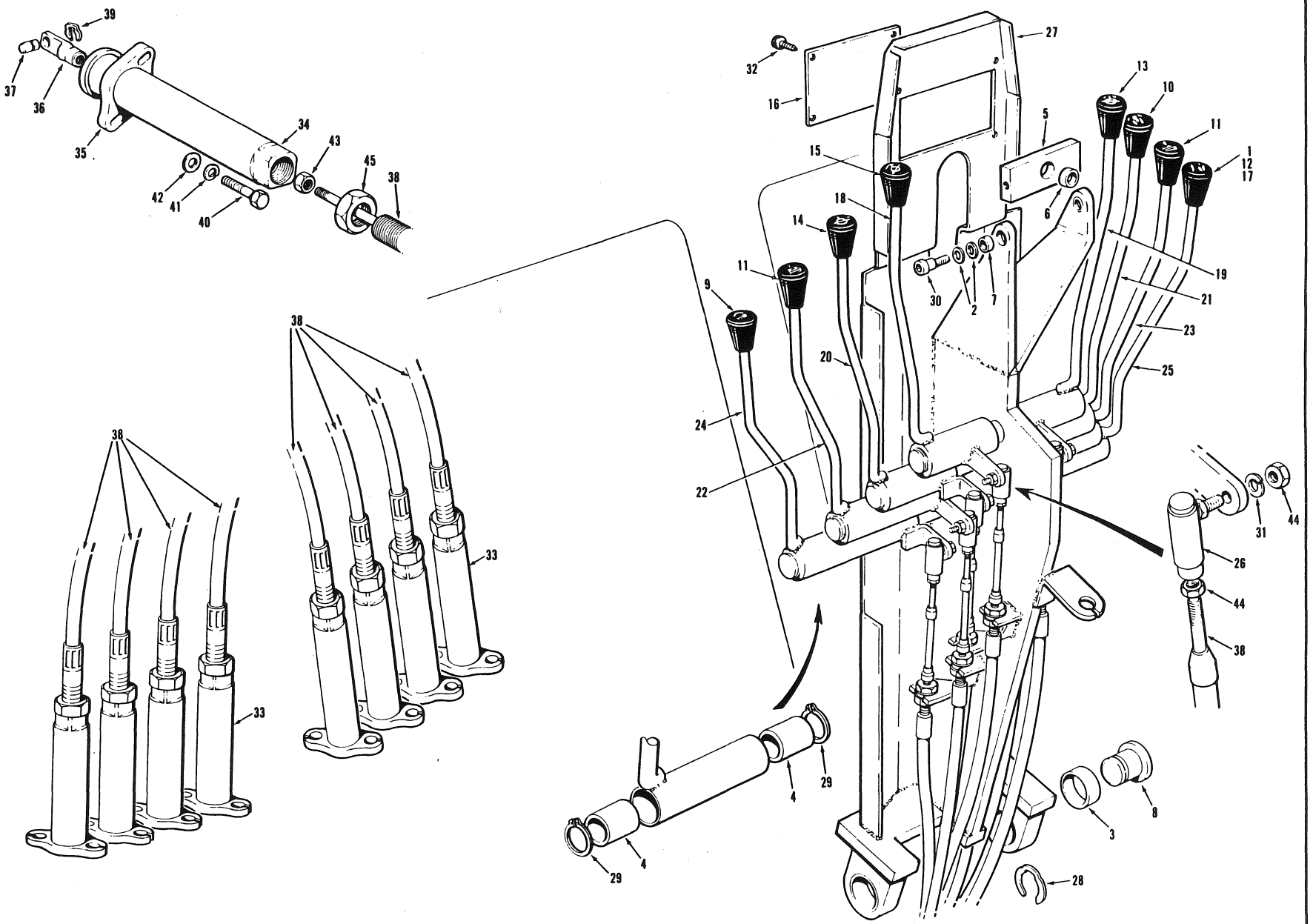
MANIFOLD VALVE CONTROLS

JULY 1987

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		PEDESTAL ASSEMBLY		
1	17588	INSERT	8	
2	19889	WASHER	4	
3	28527	BUSHING	2	
4	28528	BUSHING	16	
5	28559	LEVER - R.H.	2	
6	28560	LEVER - L.H.	2	
7	28561	LEVER - R.H.	1	
8	28562	LEVER - L.H.	1	
9	28563	LEVER - R.H.	1	
10	28564	LEVER - L.H.	1	
11	28565	PLATE	1	
12	28568	BUSHING	1	
13	28569	BUSHING	1	
14	28605	PIN	2	
15	33216	DECAL - BLADE TILT	1	
16	33217	DECAL - LEANING WHEEL	1	
17	33218	DECAL - BLADE LIFT	2	
18	33219	DECAL - SCARIFIER, PLOW & BULLDOZER	1	
19	33220	DECAL - CIRCLE SHIFT	1	
20	33221	DECAL - SLIDE SHIFT	1	
21	33222	DECAL - CIRCLE TURN	1	
22	*33233	PEDESTAL	1	
23	*33233-1	FRONT PLATE	1	
24	33247	KNOB	8	
25	35533	BALL JOINT	8	
26	19A-125	RETAINER RING	2	
27	19C-087	RETAINER RING	16	
28	50G-0604	BOLT	2	
29	14A-05	LOCKWASHER	8	
30	62A-1006	SCREW	4	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CONTROL CABLE INSTALLATION		
31	36741	SPACER - .88" THICK	REF.	
32	40686	SPACER - .5" THICK	REF.	
33	*45535	CABLE - 94" LONG	8	
34	*45539	BONNET KIT - INCLUDES ITEMS 35 TO 43 & 45	A.R.	
35		BONNET	1	
36		PLATE	1	
37		ADAPTER	1	
38		PIN	1	
39	19A-025	RETAINING RING	1	
40	50A-0416	BOLT	2	
41	14A-04	LOCKWASHER	2	
42	14C-04	FLATWASHER	2	
43	31A-04	NUT	1	
44	31A-05	NUT	4	
45	31D-12	NUT	1	



EFFECTIVE SERIAL NUMBER(S) 18578,18590,18592 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 4 PAGE 9
SECCION 4 PAGINA 9

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2

MANIFOLD VALVE CONTROLS

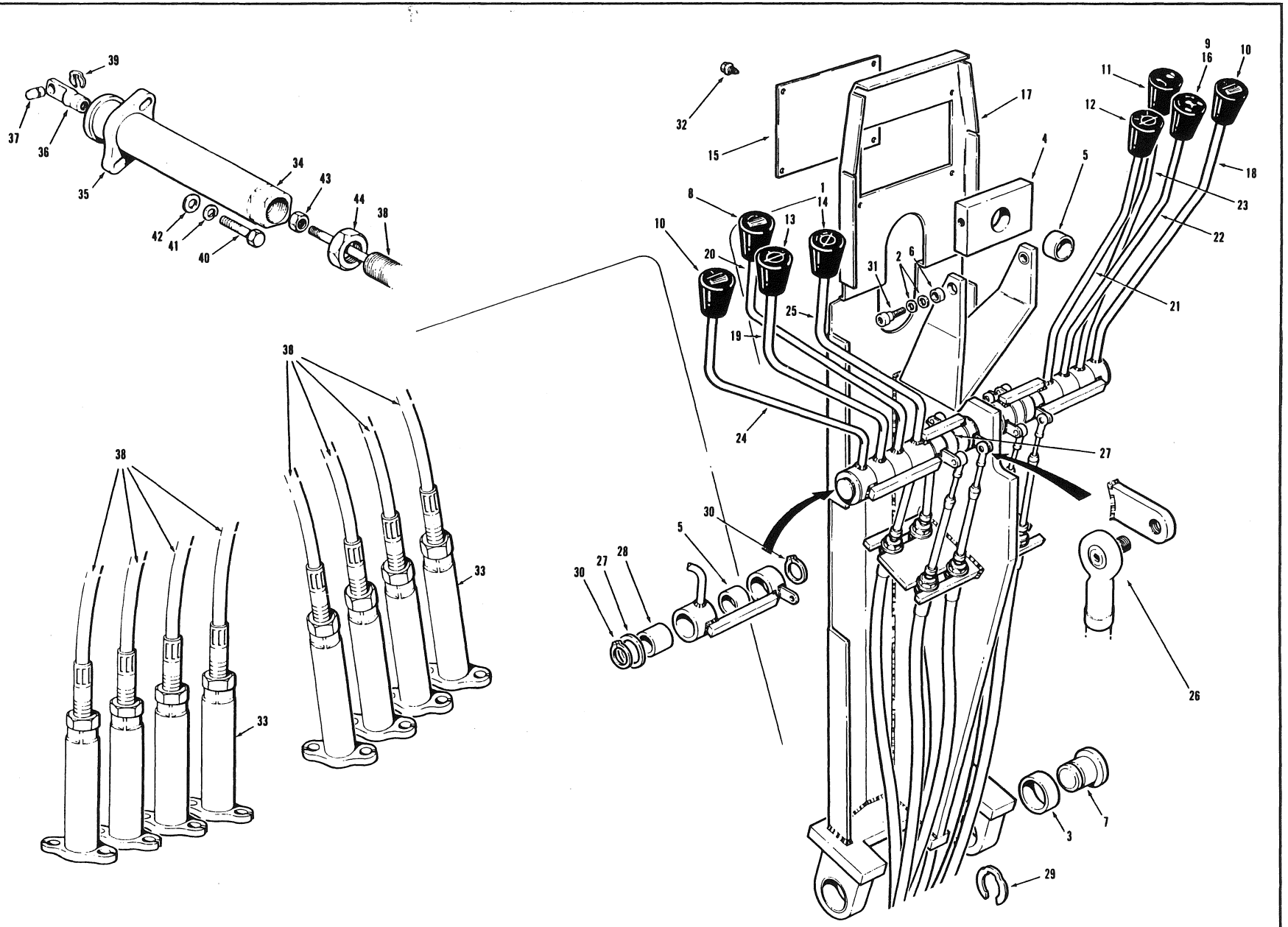
JANUARY 1988

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		PEDESTAL ASSEMBLY		
1	17588	INSERT	8	
2	19889	WASHER	4	
3	28527	BUSHING	2	
4	28528	BUSHING	16	
5	28565	PLATE	1	
6	28568	BUSHING	2	
7	28569	BUSHING	1	
8	28605	PIN	2	
9	33216	DECAL - BLADE TILT	1	
10	33217	DECAL - LEANING WHEEL	1	
11	33218	DECAL - BLADE LIFT	2	
12	33219	DECAL - SCARIFIER, PLOW & BULLDOZER	1	
13	33220	DECAL - CIRCLE SHIFT	1	
14	33221	DECAL - SLIDE SHIFT	1	
15	33222	DECAL - CIRCLE TURN	1	
16	33233-1	FRONT PLATE	1	
17	33247	KNOB	8	
18	*45822	LEVER - L.H.	1	
19	*45823	LEVER - R.H.	1	
20	*45824	LEVER - L.H.	1	
21	*45825	LEVER - R.H.	1	
22	*45826	LEVER - L.H.	1	
23	*45827	LEVER - R.H.	1	
24	*45828	LEVER - L.H.	1	
25	*45829	LEVER - R.H.	1	
26	*46059	BALL STUD	8	
27	*46262	PEDESTAL	1	
28	19A-125	RETAINER RING	2	
29	19C-087	RETAINER RING	16	
30	50G-0604	BOLT	2	
31	14A-05	LOCKWASHER	8	
32	62A-1006	SCREW	4	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CONTROL CABLE INSTALLATION		
33	45539	BONNET KIT - INCLUDES ITEMS 34 TO 37, 39 TO 43 & 45	A.R.	
34		BONNET	1	
35		PLATE	1	
36		ADAPTER	1	
37		PIN	1	
38	*45872	CABLE - 50" LONG	8	
39	19A-025	RETAINING RING	1	
40	50D-0416	BOLT	2	
41	14A-04	LOCKWASHER	2	
42	14C-04	FLATWASHER	2	
43	31A-04	NUT	1	
44	31A-05	NUT	16	
45	31D-12	NUT	1	



EFFECTIVE SERIAL NUMBER(S) 18713, 18715 TO 18717,
NUMERO(S) DE SÉRIE EFFECTIF(S) 18719 & UP
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 4
SECCION
PAGE 9
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USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3 REVISION A

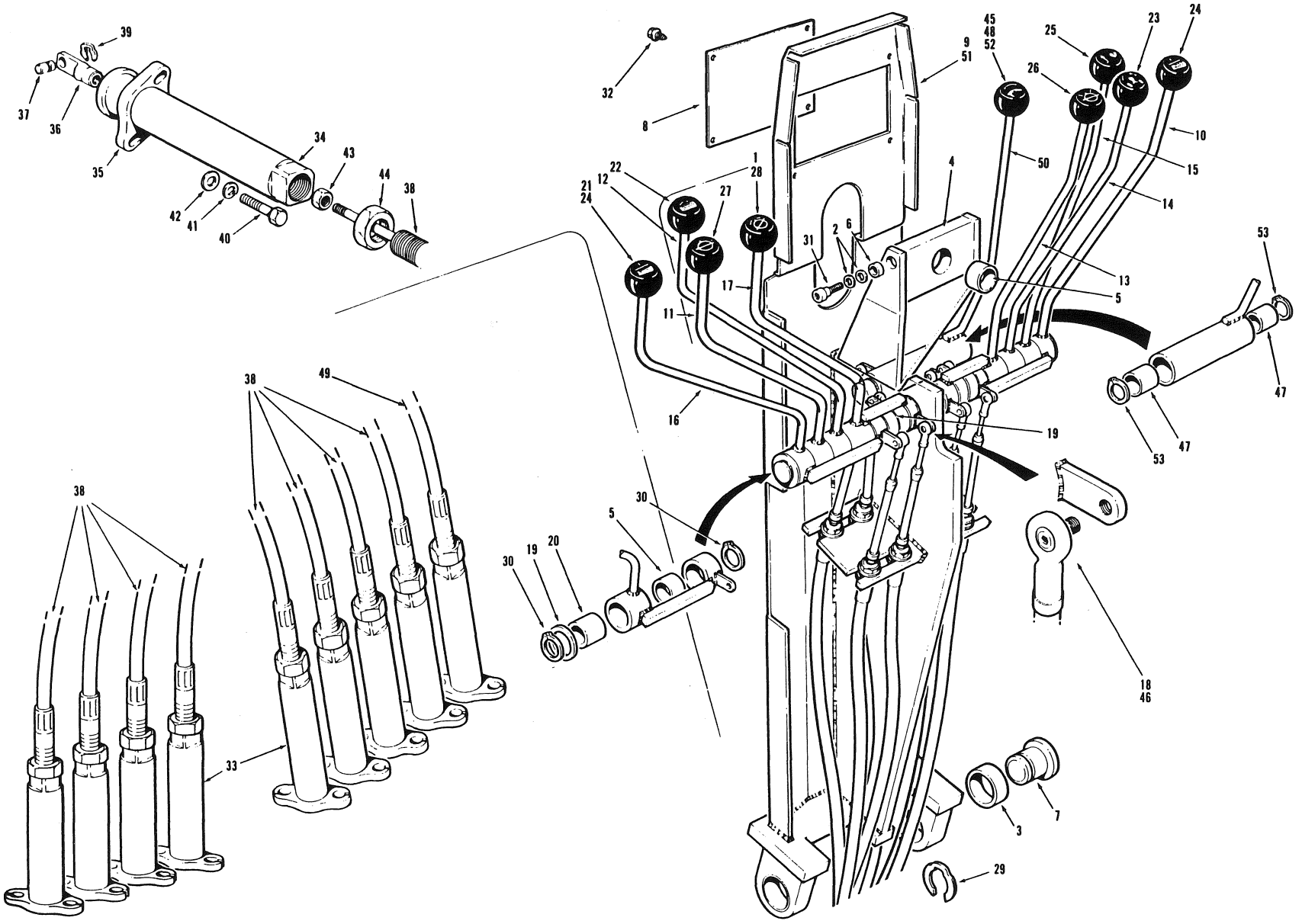
MANIFOLD VALVE CONTROLS

MARCH 1988

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		PEDESTAL ASSEMBLY		
1	17588	INSERT	8	
2	19889	WASHER	4	
3	28527	BUSHING	2	
4	28565	PLATE	1	
5	28568	BUSHING	9	
6	28569	BUSHING	2	
7	28605	PIN	2	
8	33216	DECAL - BLADE TILT	1	
9	33217	DECAL - LEANING WHEEL	1	
10	33218	DECAL - BLADE LIFT	2	
11	33219	DECAL - SCARIFIER, PLOW & BULLDOZER	1	
12	33220	DECAL - CIRCLE SHIFT	1	
13	33221	DECAL - SLIDE SHIFT	1	
14	33222	DECAL - CIRCLE TURN	1	
15	33233-1	FRONT PLATE	1	
16	33247	KNOB	8	
17	46982	PEDESTAL	1	
18	46990	LEVER - R.H.	1	
19	46991	LEVER - L.H.	1	
20	46992	LEVER - L.H.	1	
21	46993	LEVER - R.H.	1	
22	46994	LEVER - R.H.	1	
23	46995	LEVER - R.H.	1	
24	46996	LEVER - L.H.	1	
25	46997	LEVER - L.H.	1	
26	48099	BALL STUD	8	
27	48205	WASHER	12	
28	48207	BUSHING	8	
29	19A-125	RETAINER RING	2	
30	19C-087	RETAINER RING	4	
31	50G-0604	BOLT	2	
32	62A-1006	SCREW	4	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CONTROL CABLE INSTALLATION		
33	45539	BONNET KIT - INCLUDES ITEMS 34 TO 37, 39 TO 44	A.R.	
34		BONNET	1	
35		PLATE	1	
36		ADAPTER	1	
37		PIN	1	
38	45872	CABLE - 50" LONG	8	
39	19A-025	RETAINING RING	1	
40	50D-0416	BOLT	2	
41	14A-04	LOCKWASHER	2	
42	14C-04	FLATWASHER	2	
43	31A-04	NUT	1	
44	31D-12	NUT	1	



EFFECTIVE SERIAL NUMBER(S) 18916 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

MANIFOLD VALVE CONTROLS

JUNE 1988

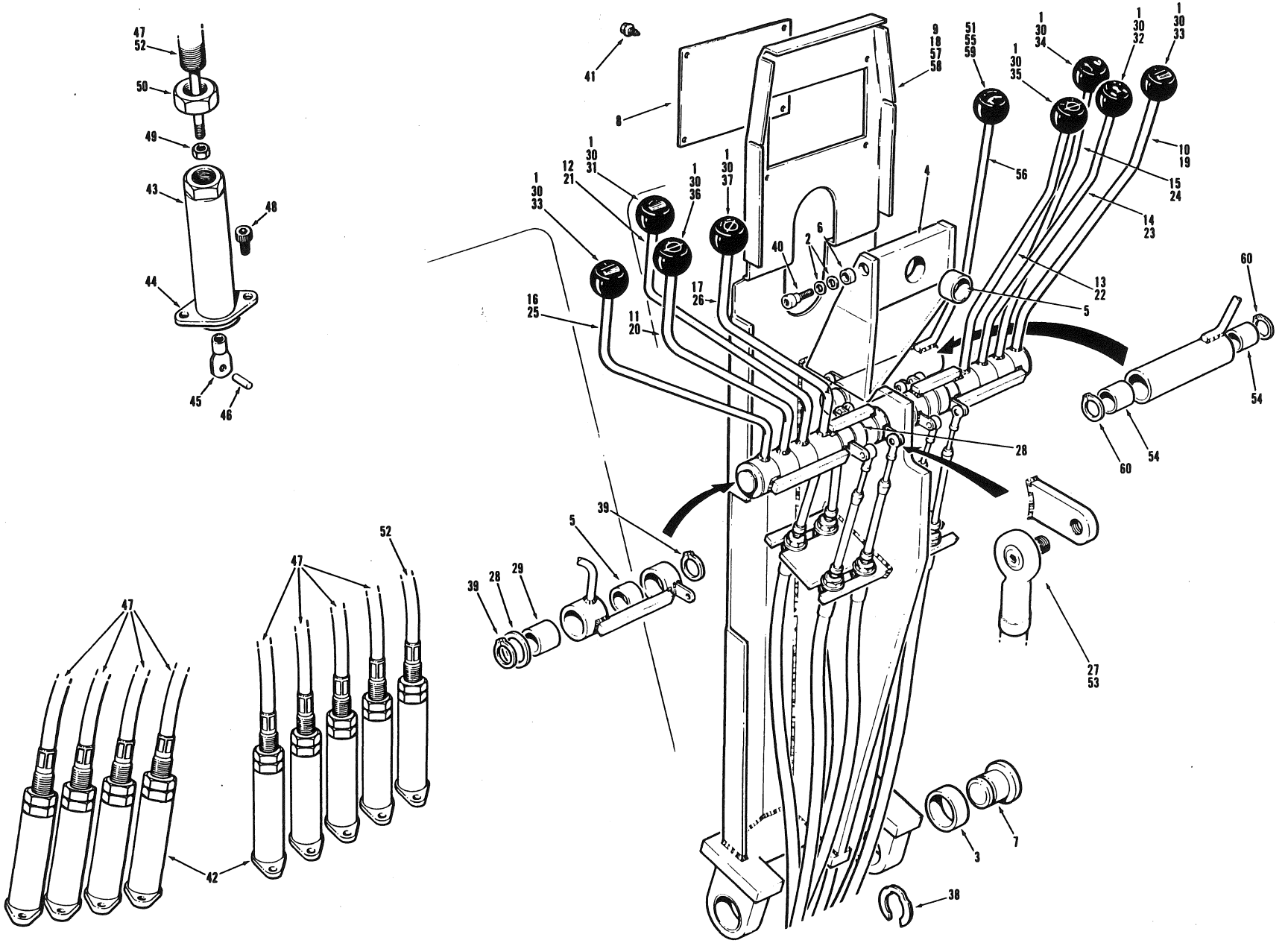
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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		PEDESTAL ASSEMBLY		
1	17588	INSERT	8	
2	19889	WASHER	4	
3	28527	BUSHING	2	
4	28565	PLATE	1	
5	28568	BUSHING	9	
6	28569	BUSHING	2	
7	28605	PIN	2	
8	33233-1	FRONT PLATE	1	
9	46982	PEDESTAL	1	
10	46990	LEVER - R.H.	1	
11	46991	LEVER - L.H.	1	
12	46992	LEVER - L.H.	1	
13	46993	LEVER - R.H.	1	
14	46994	LEVER - R.H.	1	
15	46995	LEVER - R.H.	1	
16	46996	LEVER - L.H.	1	
17	46997	LEVER - L.H.	1	
18	48099	BALL STUD	8	
19	48205	WASHER	12	
20	48207	BUSHING	8	
21	*48556	KNOB	8	
22	*48642	DECAL - BLADE TILT	1	
23	*48643	DECAL - LEANING WHEEL	1	
24	*48644	DECAL - BLADE LIFT	2	
25	*48645	DECAL - SCARIFIER' PLOW & BULLDOZER	1	
26	*48646	DECAL - CIRCLE SHIFT	1	
27	*48647	DECAL - SLIDE SHIFT	1	
28	*48648	DECAL - CIRCLE TURN	1	
29	19A-125	RETAINER RING	2	
30	19C-087	RETAINER RING	4	
31	50G-0604	BOLT	2	
32	62A-1006	SCREW	4	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CONTROL CABLE INSTALLATION		
33	45539	BONNET KIT - INCLUDES ITEMS 34 TO 37, 39 TO 44	A.R.	
34		BONNET	1	
35		PLATE	1	
36		ADAPTER	1	
37		PIN	1	
38	45872	CABLE - 50" LONG	8	
39	19A-025	RETAINING RING	1	
40	50D-0416	BOLT	2	
41	14A-04	LOCKWASHER	2	
42	14C-04	FLATWASHER	2	
43	31A-04	NUT	1	
44	31D-12	NUT	1	
		MOVEABLE POINT HI-LIFT		
45	17588	INSERT	1	
46	48099	BALL STUD	1	
47	48207	BUSHING	2	
48	*48556	KNOB	1	
49	45872	CABLE	1	
50	*48951	LEVER R.H.	1	
51	*49208	PEDESTAL	1	
52	*49251	DECAL	1	
53	19C-087	RETAINER RING	2	

EFFECTIVE SERIAL NUMBER(S) 19292 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5

MANIFOLD VALVE CONTROLS

APRIL 1989

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700 SERIES
SERIE 700

SECTION 4 PAGE 9
SECCION 4 PAGINA 9

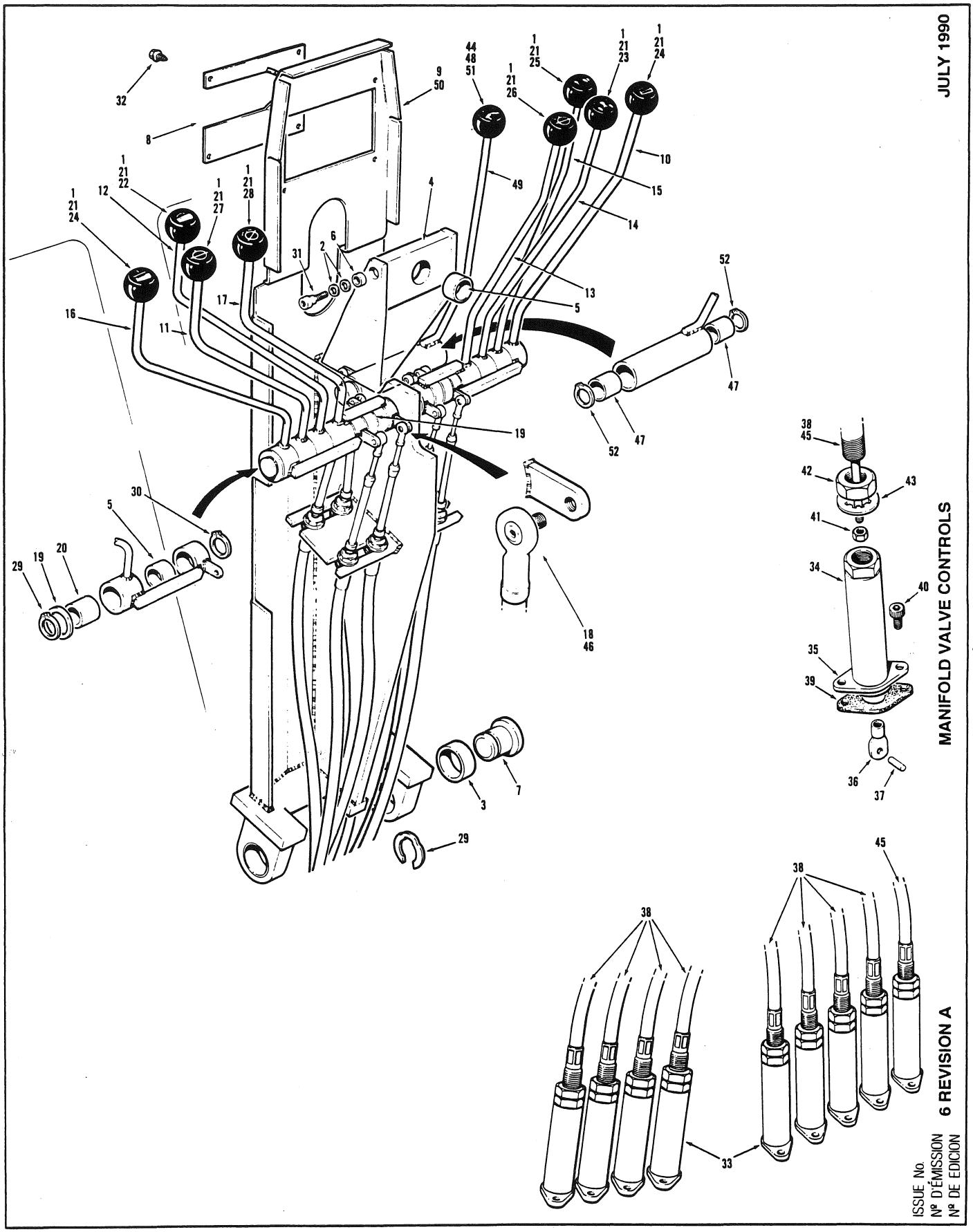
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MANIFOLD VALVE CONTROLS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	17588	INSERT	8	
2	19889	WASHER	4	
3	28527	BUSHING	2	
4	28565	PLATE	1	
5	28568	BUSHING	9	
6	28569	BUSHING	2	
7	28605	PIN	2	
8	*41712	FRONT PLATE	1	
9	46982	PEDESTAL	1	
10	46990	LEVER - R.H.	1	
11	46991	LEVER - L.H.	1	
12	46992	LEVER - L.H.	1	UP TO
13	46993	LEVER - R.H.	1	S/N 19761
14	46994	LEVER - R.H.	1	
15	46995	LEVER - R.H.	1	
16	46996	LEVER - L.H.	1	
17	46997	LEVER - L.H.	1	
18	*49252	PEDESTAL	1	
19	*48381	LEVER - R.H.	1	
20	*48382	LEVER- L.H.	1	
21	*48383	LEVER - L.H.	1	
22	*48384	LEVER - R.H.	1	S/N 19762
23	*48385	LEVER - R.H.	1	& UP
24	*48386	LEVER - R.H.	1	
25	*48387	LEVER - L.H.	1	
26	*48388	LEVER - L.H.	1	
27	48099	BALL STUD	8	
28	48205	WASHER	12	
29	48207	BUSHING	8	
30	48556	KNOB	8	
31	48642	DECAL - BLADE TILT	1	
32	48643	DECAL - LEANING WHEEL	1	
33	48644	DECAL - BLADE LIFT	2	
34	48645	DECAL - SCARIFIER, PLOW & BULLDOZER	1	
35	48646	DECAL - CIRCLE SHIFT	1	
36	48647	DECAL - SLIDE SHIFT	1	
37	48648	DECAL - CIRCLE TURN	1	
38	19A-125	RETAINER RING	2	
39	19C-087	RETAINER RING	4	
40	50G-0604	BOLT	2	
41	62A-1006	SCREW	4	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CONTROL CABLE INSTALLATION		
42	*48968	BONNET KIT - INCLUDES ITEMS 43 TO 46 & 48 TO 50	A.R.	
43		BONNET	1	
44		PLATE	1	
45		ADAPTER	1	
46		PIN	1	
47	45872	CABLE - 50" LONG	8	
48	*50D-0406	BOLT	2	
49	31A-04	NUT	1	
50	*31A-12	NUT	1	
		MOVEABLE POINT HI-LIFT		
51	17588	INSERT	1	
52	45872	CABLE - 50" LONG	1	
53	48099	BALL STUD	1	
54	48207	BUSHING	2	
55	48556	KNOB	1	
56	48951	LEVER - R.H.	1	
57	49208	PEDESTAL	1	UP TO S/N 19760
58	*49252	PEDESTAL	1	S/N 19762 & UP
59	49251	DECAL - ROTARY HI-LIFT	1	
60	19C-087	RETAINER RING	2	



CHAMPION ROAD MACHINERY

JULY 1990

MANIFOLD VALVE CONTROLS

ISSUE No.
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Nº DE EDICION
6 REVISION A

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 20409, 20411 to 20442,
NUMERO(S) DE SÉRIE EFFECTIF(S) 20444 & UP
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 4 PAGE 9
SECCION PAGINA

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

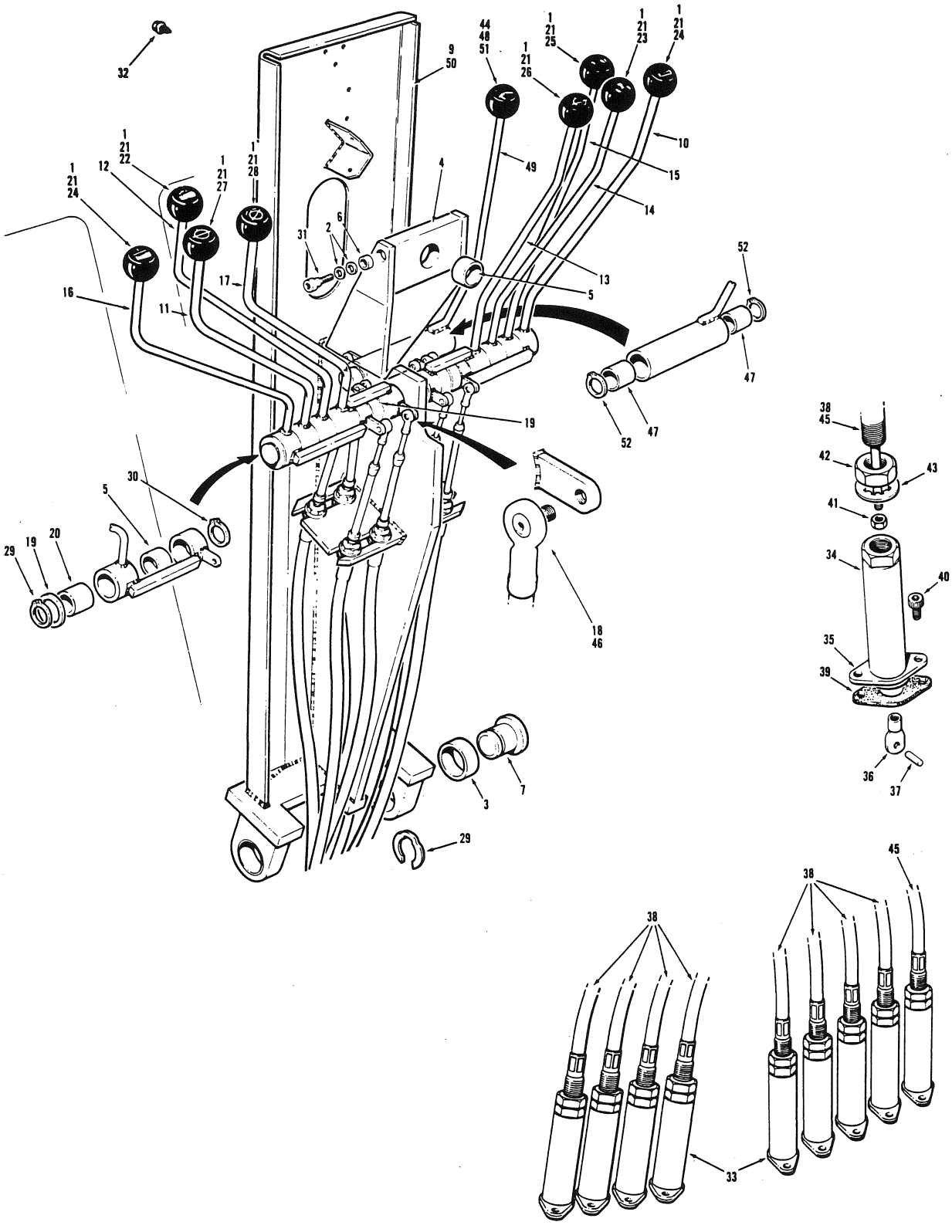
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MANIFOLD VALVE CONTROLS

AUGUST 1990

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	17588	INSERT	8 or 9	
2	19889	WASHER	4	
3	28527	BUSHING	2	
4	28565	PLATE	1	
5	28568	BUSHING	9	
6	28569	BUSHING	2	
7	28605	PIN	2	
8	55187	FRONT PLATE	1	
9	*49203	PEDESTAL	1	
10	48381	LEVER - R.H.	1	
11	54888	LEVER- L.H.	1	
12	54886	LEVER - L.H.	1	
13	54884	LEVER - R.H.	1	
14	54887	LEVER - R.H.	1	
15	54889	LEVER - R.H.	1	
16	48387	LEVER - L.H.	1	
17	54885	LEVER - L.H.	1	
18	*54881	BALL STUD	8 or 9	
19	48205	WASHER	12	
20	48207	BUSHING	8	
21	48556	KNOB	8	
22	48642	DECAL - BLADE TILT	1	
23	48643	DECAL - LEANING WHEEL	1	
24	48644	DECAL - BLADE LIFT	2	
25	48645	DECAL - SCARIFIER, PLOW & BULLDOZER	1	
26	48646	DECAL - CIRCLE SHIFT	1	
27	48647	DECAL - SLIDE SHIFT	1	
28	48648	DECAL - CIRCLE TURN	1	
29	19A-125	RETAINER RING	2	
30	19C-087	RETAINER RING	4	
31	50G-0604	BOLT	2	
32	62A-1006	SCREW	4	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CONTROL CABLE INSTALLATION		
33	48968	**BONNET KIT** - INCLUDES ITEMS 34 TO 37 & 42	1 per	
34		BONNET	1	
35		PLATE	1	
36		ADAPTER	1	
37		PIN	1	
38	*59028	CABLE - 50" LONG	8	
39	*56998	GASKET	8 or 9	
40	50D-0406	BOLT	2	
41	31A-04	NUT	1	
42	31A-12	NUT	1	
43	*14S-12	SEAL WASHER	8 or 9	
		MOVEABLE POINT HI-LIFT		
44	17588	INSERT	1	
45	*59028	CABLE - 50" LONG	1	
46	*54881	BALL STUD	1	
47	48207	BUSHING	2	
48	48556	KNOB	1	
49	48951	LEVER - R.H.	1	
50	49252	PEDESTAL	1	
51	49251	DECAL - MOVEABLE POINT HI-LIFT	1	
52	19C-087	RETAINER RING	2	



CHAMPION ROAD MACHINERY

MANIFOLD VALVE CONTROLS

MARCH 1991

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 7

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

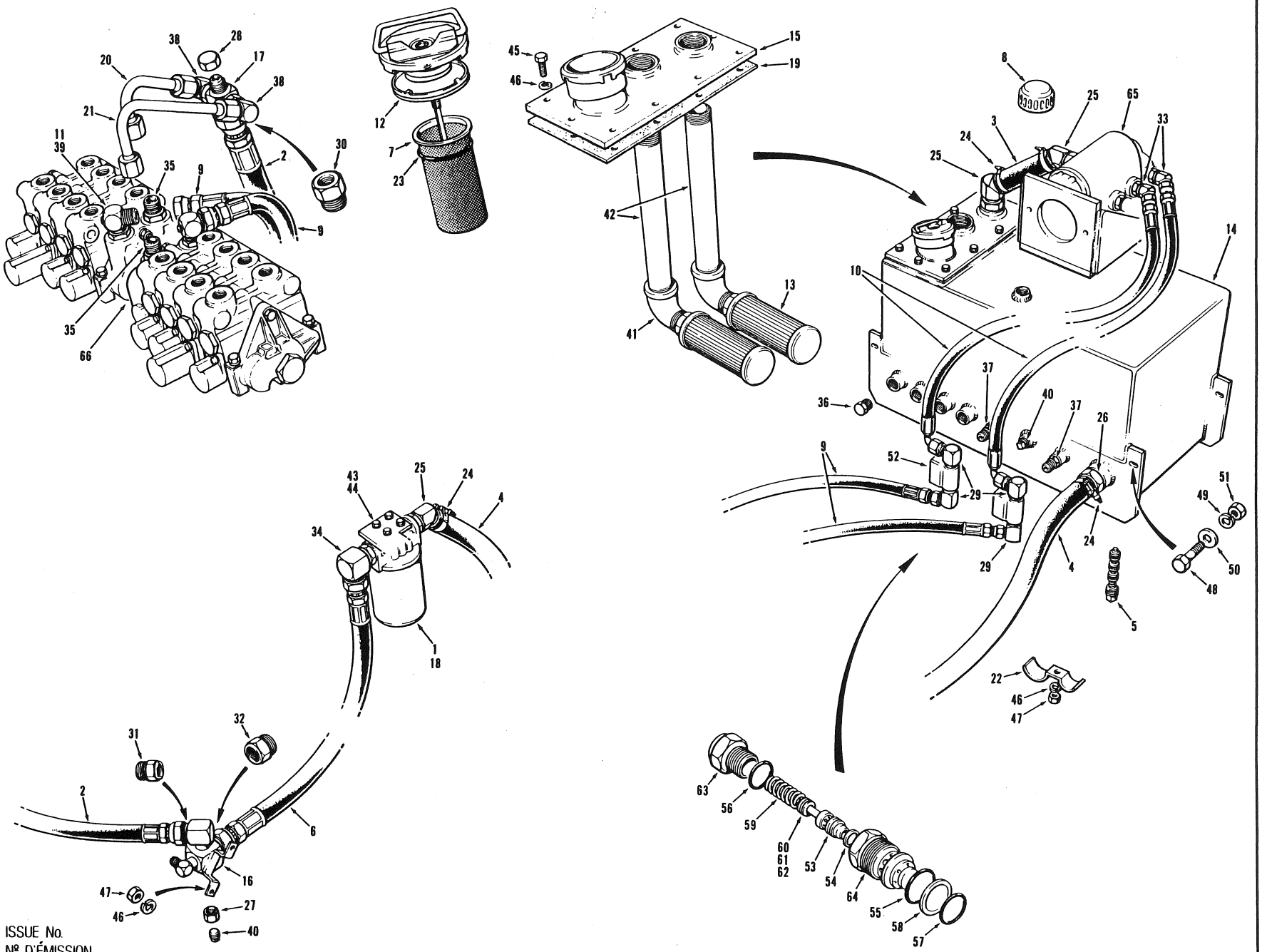
21078, 21080, 21082, 21084, 21086, 21092 & UP

700 SERIES
SERIE 700

SECTION 4 PAGE 9
SECCION PAGINA

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	17588	INSERT	8 or 9	
2	19889	WASHER	4	
3	28527	BUSHING	2	
4	28565	PLATE	1	
5	28568	BUSHING	9	
6	28569	BUSHING	2	
7	28605	PIN	2	
9	*57406	PEDESTAL	1	
10	48381	LEVER - R.H.	1	
11	54888	LEVER - L.H.	1	
12	54886	LEVER - L.H.	1	
13	54884	LEVER - R.H.	1	
14	54887	LEVER - R.H.	1	
15	54889	LEVER - R.H.	1	
16	48387	LEVER - L.H.	1	
17	54885	LEVER - L.H.	1	
18	54881	BALL STUD	8 or 9	
19	48205	WASHER	12	
20	48207	BUSHING	8	
21	48556	KNOB	8	
22	48642	DECAL - BLADE TILT	1	
23	48643	DECAL - LEANING WHEEL	1	
24	48644	DECAL - BLADE LIFT	2	
25	48645	DECAL - SCARIFIER, PLOW & BULLDOZER	1	
26	48646	DECAL - CIRCLE SHIFT	1	
27	48647	DECAL - SLIDE SHIFT	1	
28	48648	DECAL - CIRCLE TURN	1	
29	19A-125	RETAINER RING	2	
30	19C-087	RETAINER RING	4	
31	50G-0604	BOLT	2	
32	62A-1006	SCREW	4	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		CONTROL CABLE INSTALLATION		
33	48968	**BONNET KIT** - INCLUDES ITEMS 34 to 37 & 42	1 per	
34		BONNET	1	
35		PLATE	1	
36		ADAPTER	1	
37		PIN	1	
38	59028	CABLE - 50" LONG	8	
39	56998	GASKET	8 or 9	
40	50D-0406	BOLT	2	
41	31A-04	NUT	1	
42	31A-12	NUT	1	
43	14S-12	SEAL WASHER	8 or 9	
		MOVEABLE POINT HI-LIFT		
44	17588	INSERT	1	
45	59028	CABLE - 50" LONG	1	
46	54881	BALL STUD	1	
47	48207	BUSHING	2	
48	48556	KNOB	1	
49	*57488	LEVER - R.H.	1	
50	*57434	PEDESTAL	1	
51	49251	DECAL - MOVEABLE POINT HI-LIFT	1	
52	19C-087	RETAINER RING	2	



EFFECTIVE SERIAL NUMBER(S) 16224, 16245 TO 16744
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 TO 2419-2

700 SERIES
SERIE 700

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SECCION PAGINA

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

PRIMARY HYDRAULIC CIRCUIT - MODEL 710

NOVEMBER 1985

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

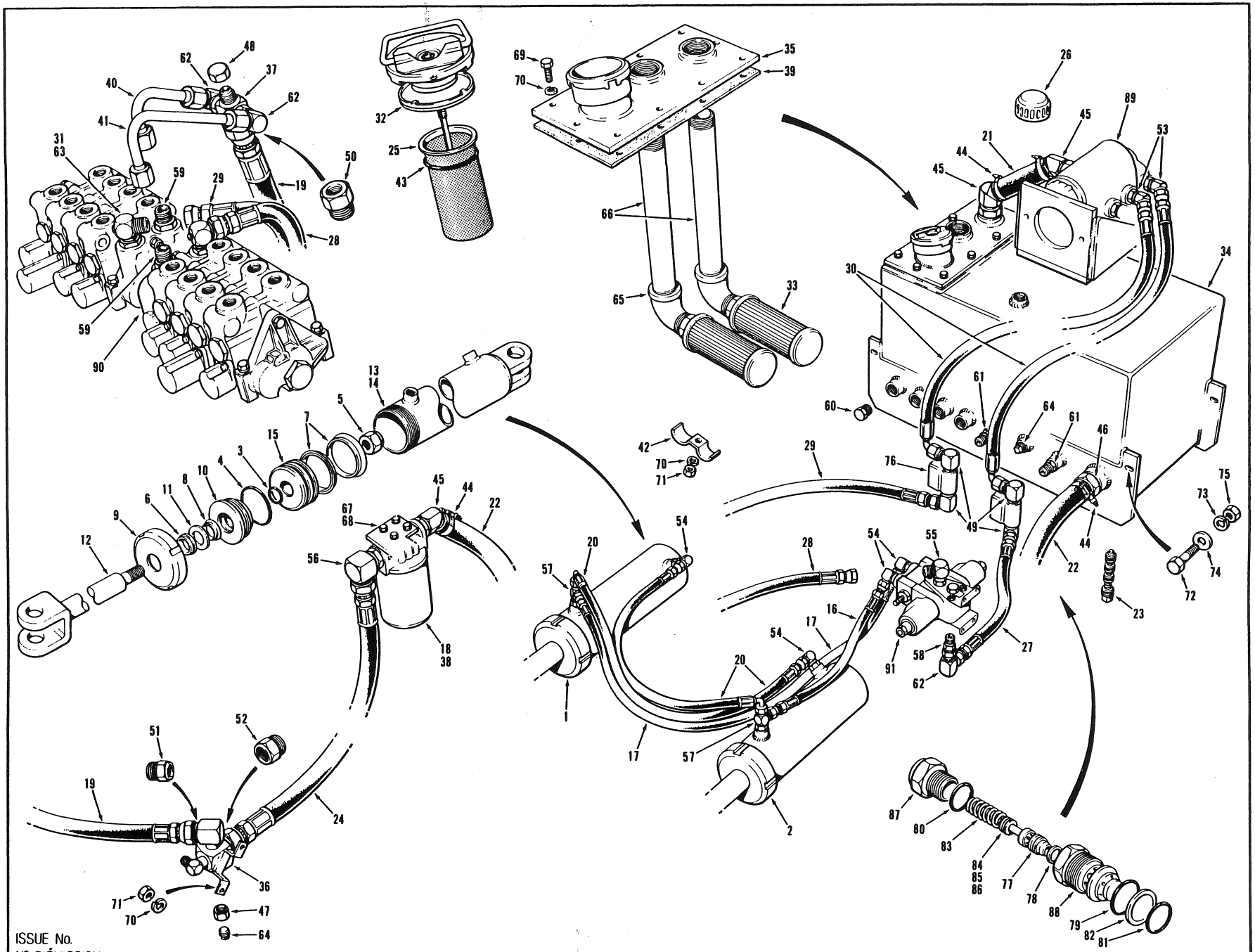
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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

SECTION / SECCION 4 | PAGE / PAGINA 12 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 1 REVISION A

PRIMARY HYDRAULIC CIRCUIT - MODEL 710

NOVEMBER 1985

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	13028	FILTER ELEMENT - INCLUDES GASKET	1	
2	14379 X 90	HOSE	1	
3	17156 X 8.5	HOSE	1	
4	17156 X 80	HOSE	1	
5	27449	MAGNETIC PLUG	1	
6	27739 X 90	HOSE	1	
7	28008	STRAINER ASSY. - INCLUDES ITEM 23	1	
8	28081	AIR BREATHER	1	
9	28485 X 212	HOSE	2	
10	28696 X 36	HOSE	2	
11	32589	CONNECTOR - INCLUDES ITEM 38	2	
12	32667	FILLER CAP - INCLUDES DIPSTICK	1	
13	32668	STRAINER	2	
14	40219	HYDRAULIC OIL TANK	1	
15	40236	ACCESS PLATE	1	
16	40288	CROSS	1	
17	40290	CROSS	1	
18	40320	OIL FILTER - INCLUDES ITEM 1	1	
19	40425	GASKET	1	
20	40505	TUBE	1	
21	40506	TUBE	1	
22	40975	CLAMP	A.R.	
23	12A-228	O RING	1	AS REQ'D
24	22A-200	CLAMP	4	
25	108B-2420	CONNECTOR	3	
26	108C-2424	CONNECTOR	1	
27	110E-08	CAP	1	
28	110E-12	CAP	1	
29	110R-1212	CONNECTOR	4	
30	110AH-2012	ADAPTER	A.R.	
31	110AH-2016	ADAPTER	A.R.	
32	110AH-2420	ADAPTER	A.R.	
33	111A-1212	CONNECTOR	2	
34	111B-2420	CONNECTOR	1	
35	111E-1212	CONNECTOR	2	
36	111H-12	PLUG	2	
37	111M-0810	CONNECTOR	2	
38	112B-1212	CONNECTOR	2	
39	115D-02	PLUG	2	
40	115E-08	PLUG	A.R.	
41	115J-2424	ELBOW	2	
42	115Z-2420	NIPPLE	2	
43	50A-0508	BOLT	4	
44	14A-05	LOCKWASHER	4	
45	50A-0608	BOLT	10	
46	14A-06	LOCKWASHER	A.R.	
47	30A-06	NUT	A.R.	
48	50A-1016	BOLT	4	
49	14A-10	LOCKWASHER	4	
50	14C-10	FLATWASHER	4	
51	30A-10	NUT	4	
		RELIEF VALVE ASSEMBLY		
52	27942	RELIEF VALVE ASSY. - INCLUDES ITEMS 53 TO 64	2	
	27547	SERVICE KIT - INCLUDES ITEMS 53 & 54	A.R.	
53		POPPET	1	
54		PISTON RING	1	
	27551	SEAL KIT - INCLUDES ITEMS 55 TO 58	A.R.	
55		O RING	1	
56		O RING	1	
57		O RING	1	
58		BACK-UP RING	1	
59	27552	SPRING	1	
60	60067	SHIM - .010" (0,25mm) THICK	A.R.	
61	50066	SHIM - .020" (0,51mm) THICK	A.R.	
62	50065	SHIM - .040" (1,02mm) THICK	A.R.	
63		CAP	1	
64		BODY	1	
65		HYDRAULIC PUMP	REF.	SECTION 4 PAGES 1/2
66		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGES 7/8



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PRIMARY HYDRAULIC CIRCUIT - MODEL 710A

NOVEMBER 1985

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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224, 16245 TO 16797
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 TO 2419-2

700 SERIES
SERIE 700

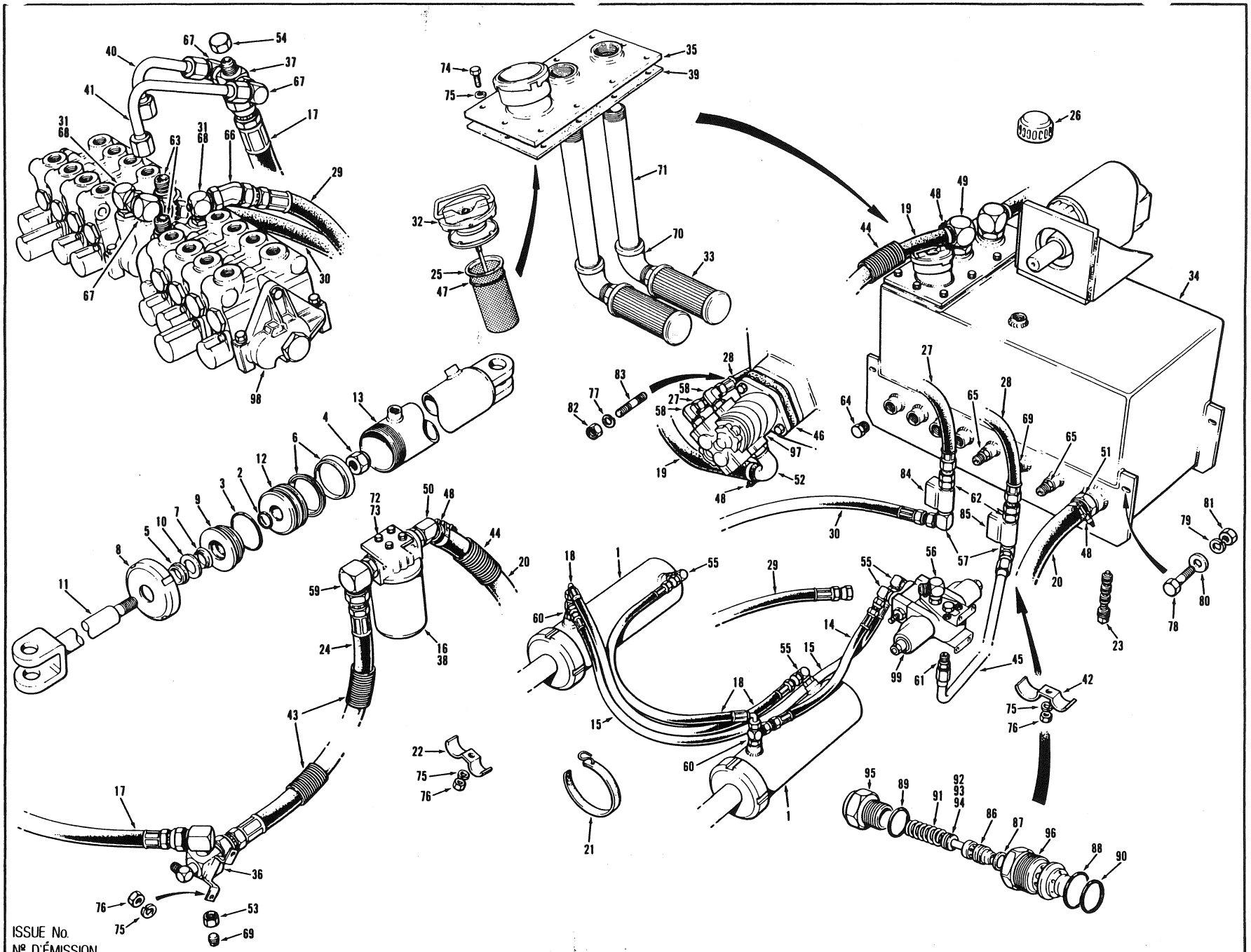
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SECCION 4 PAGINA 13

USE ONLY CHAMPION APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No.	PART No.	DESCRIPTION	No. REQ	REMARKS
1	33701	ARTICULATION CYLINDER ASSEMBLY - R.H. - INCLUDES ITEMS 3 TO 13 & 15	1	
2	33702	ARTICULATION CYLINDER ASSEMBLY - L.H. - INCLUDES ITEMS 3 TO 12,14 & 15	1	
3	12A-218	O RING	1	
4	12A-342	O RING	1	
5	37D-20	LOCKNUT	1	
6	12035	WIPER RING	1	
7	12036	PISTON SEAL	2	
8	12037	ROD SEAL	1	
9	17608	CYLINDER NUT	1	
10	17610	GLAND	1	
11	17614	WASHER	1	
12	23978	PISTON ROD	1	
13	33703	CYLINDER BARREL - R.H.	1	
14	33704	CYLINDER BARREL - L.H.	1	
15	34471	PISTON	1	
	26409	REPAIR KIT FOR 33701 & 33702 CYL. ASSY. - INCLUDES ITEMS 3 TO 8 & 11	A.R.	
16	9313 X 28	HOSE	1	
17	9313 X 53.5	HOSE	1	
18	13028	FILTER ELEMENT - INCLUDES GASKET	1	
19	14379 X 90	HOSE	1	
20	14382 X 36	HOSE	2	
21	17156 X 8.5	HOSE	1	
22	17156 X 80	HOSE	1	
23	27449	MAGNETIC PLUG	1	
24	27739 X 109	HOSE	1	
25	28008	STRAINER - INCLUDES ITEM 43	1	
26	28081	AIR BREATHER	1	
27	28485 X 28	HOSE	1	
28	28485 X 188	HOSE	1	
29	28485 X 212	HOSE	1	
30	28696 X 36	HOSE	2	
31	32589	CONNECTOR - INCLUDES ITEM 63	2	
32	32667	FILLER CAP - INCLUDES DIPSTICK	1	
33	32668	STRAINER	2	
34	40219	HYDRAULIC OIL TANK	1	
35	40236	ACCESS PLATE	1	
36	40288	CROSS	1	
37	40290	CROSS	1	
38	40320	OIL FILTER - INCLUDES ITEM 18	1	
39	40425	GASKET	1	
40	40505	TUBE	1	
41	40506	TUBE	1	
42	40975	CLAMP	A.R.	
43	12A-228	O RING	1	
44	22A-200	CLAMP	4	
45	108B-2420	CONNECTOR	3	
46	108C-2424	CONNECTOR	1	
47	110E-08	CAP	1	
48	110E-12	CAP	1	
49	110R-1212	CONNECTOR	4	
50	110AH-2012	ADAPTER	A.R.	
51	110AH-2016	ADAPTER	A.R.	
52	110AH-2420	ADAPTER	A.R.	
53	111A-1212	CONNECTOR	2	
54	111B-0808	CONNECTOR	4	
55	111B-1208	CONNECTOR	1	
56	111B-2420	CONNECTOR	1	
57	111D-0808	TEE	2	
58	111E-1208	CONNECTOR	1	
59	111E-1212	CONNECTOR	2	
60	111H-12	PLUG	2	
61	111M-0810	CONNECTOR	2	
62	112B-1212	CONNECTOR	3	
63	115D-02	PLUG	2	
64	115E-08	PLUG	A.R.	
65	115J-2424	ELBOW	2	
66	115Z-2420	NIPPLE	2	
67	50A-0508	BOLT	4	
68	14A-05	LOCKWASHER	4	
69	50A-0608	BOLT	10	
70	14A-06	LOCKWASHER	A.R.	
71	30A-06	NUT	A.R.	
72	50A-1016	BOLT	4	
73	14A-10	LOCKWASHER	4	
74	14C-10	FLATWASHER	4	
75	30A-10	NUT	4	
		RELIEF VALVE ASSEMBLY		
76	27942	RELIEF VALVE ASSY. - INCLUDES ITEMS 77 TO 88	2	
	27547	SERVICE KIT - INCLUDES ITEMS 77 & 78	A.R.	
77		POPPET	1	
78		PISTON RING	1	
	27551	SEAL KIT - INCLUDES ITEMS 79 TO 82	A.R.	
79		O RING	1	
80		O RING	1	
81		O RING	1	
82		BACK-UP RING	1	
83	27552	SPRING	1	
84	50067	SHIM - .010" (0,25mm) THICK	A.R.	
85	50066	SHIM - .020" (0,51mm) THICK	A.R.	
86	50065	SHIM - .040" (1,02mm) THICK	A.R.	
87		CAP	1	
88		BODY	1	
89		HYDRAULIC PUMP	REF.	SECTION 4 PAGES 1/2
90		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGES 7/8
91		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGES 33/34

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS



PRIMARY HYDRAULIC CIRCUIT- MODEL 710A

OCTOBER 1985

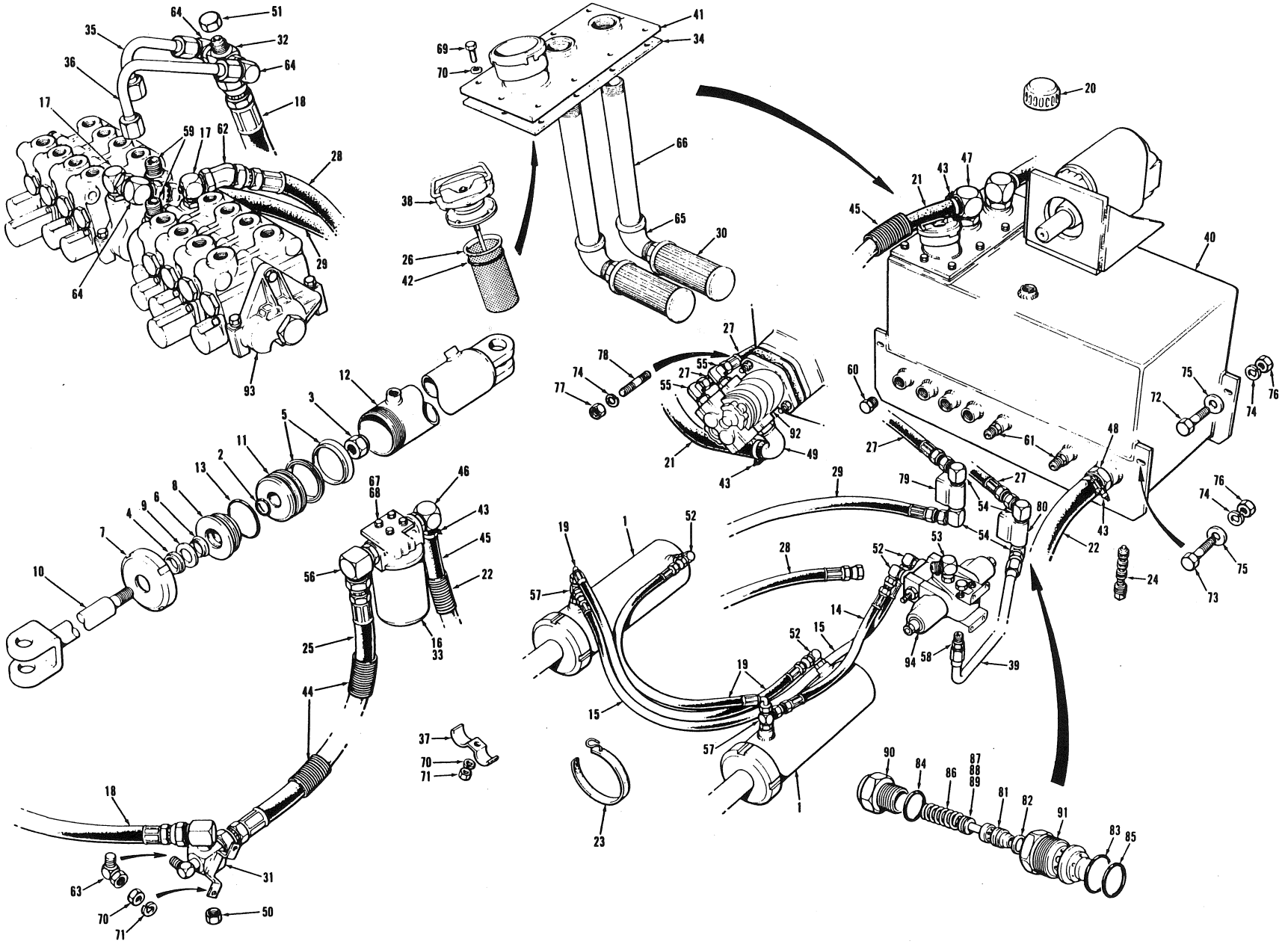
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SECTION / SECCION 4 | PAGE / PAGINA 14 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 2

PRIMARY HYDRAULIC CIRCUIT - MODEL 710A

OCTOBER 1985

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	41926	ARTICULATION CYLINDER ASSEMBLY INCLUDES ITEMS 2 TO 13	2	
2	12A-218	O RING	1	
3	12A-342	O RING	1	
4	37N-20	LOCKNUT	1	
5	12035	WIPER RING	1	
6	12036	PISTON SEAL	2	
7	12037	ROD SEAL	1	
8	13007	CYLINDER NUT	1	
9	17610	GLAND	1	
10	17614	WASHER	1	
11	23978	PISTON ROD	1	
12	34471	PISTON	1	
13	41927	CYLINDER BARREL	1	
	42988	REPAIR KIT FOR 41926 CYL. ASSY. - INCLUDES ITEMS 2 TO 6 & 10	A.R.	
14	9313 X 28	HOSE	1	
15	9313 X 53.5	HOSE	1	
16	13028	FILTER ELEMENT - INCLUDES GASKET	1	
17	14379 X 90	HOSE	1	
18	14382 X 36	HOSE	2	
19	17156 X 24	HOSE	1	
20	17156 X 67	HOSE	1	
21	19588	STRAP	2	
22	24787	CLAMP	1	
23	27449	MAGNETIC PLUG	1	
24	27739 X 109	HOSE	1	
25	28008	STRAINER - INCLUDES ITEMS 47	1	
26	28081	AIR BREATHER	1	
27	28485 X 42	HOSE	1	
28	28485 X 47	HOSE	1	
29	28485 X 188	HOSE	1	
30	28485 X 212	HOSE	1	
31	32589	CONNECTOR C/W ITEM 68	2	
32	42167	FILLER CAP - INCLUDES DIPSTICK	1	
33	32668	STRAINER	2	
34	40219	HYDRAULIC OIL TANK	1	
35	40236	ACCESS PLATE	1	
36	40288	MALE CROSS	1	
37	40290	MALE CROSS	1	
38	40320	OIL FILTER - C/W ITEM 16	1	
39	40425	GASKET	1	
40	40505	TUBE	1	
41	40506	TUBE	1	
42	40975	CLAMP	A.R.	
43	41648 X 6	HOSE PROTECTOR	2	
44	41715 X 6	HOSE PROTECTOR	2	
45	42292	TUBE	1	
46	42794	GASKET	1	
47	12A-228	O RING	1	AS REQ'D
48	22A-200	CLAMP	4	
49	108A-2424	CONNECTOR	1	
50	108B-2420	CONNECTOR	2	
51	108C-2424	CONNECTOR	1	
52	108G-2420	CONNECTOR	1	
53	110E-08	CAP	1	
54	110E-12	CAP	1	
55	111B-0808	CONNECTOR	4	
56	111B-1208	CONNECTOR	1	
57	111B-1210	CONNECTOR	2	
58	111B-1212	CONNECTOR	2	
59	111B-2420	CONNECTOR	1	
60	111D-0808	TEE	2	
61	111E-1208	CONNECTOR	1	
62	111E-1210	CONNECTOR	2	
63	111E-1212	CONNECTOR	2	
64	111H-12	PLUG	A.R.	
65	111P-1010	CONNECTOR	2	
66	112A-12	CONNECTOR	1	
67	112B-12	CONNECTOR	3	
68	115D-02	PLUG	2	
69	115E-08	PLUG	1	
70	115J-2424	ELBOW	2	
71	115Z-2420	NIPPLE	2	
72	50A-0508	BOLT	4	
73	14A-05	LOCKWASHER	4	
74	50A-0608	BOLT	10	
75	14A-06	LOCKWASHER	A.R.	
76	30A-06	NUT	A.R.	
77	14A-08	LOCKWASHER	2	
78	50A-1016	BOLT	4	
79	14A-10	LOCKWASHER	4	
80	14C-10	FLATWASHER	4	
81	30A-10	NUT	4	
82	330A-12	NUT	2	
83	354E-12090	STUD	2	
		RELIEF VALVE ASSEMBLY		
84	40503	RELIEF VALVE ASSY. - INCLUDES ITEMS 86 TO 96	1	
85	40504	RELIEF VALVE ASSY. - INCLUDES ITEMS 86 TO 96	1	
	27547	SERVICE KIT - INCLUDES ITEMS 86 & 87	A.R.	
86		POPPET	1	
87		PISTON RING	1	
	27551	SEAL KIT - INCLUDES ITEMS 88 TO 90		
88		O RING	1	
89		O RING	1	
90		O RING	1	
91	27552	SPRING	1	
92	50067	SHIM - .010" (0,25mm) THICK	A.R.	
93	50066	SHIM - .020" (0,51mm) THICK	A.R.	
94	50065	SHIM - .040" (1,02mm) THICK	A.R.	
95		CAP	1	
96		BODY	1	
97		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 1/2
98		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 7/8
99		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGE33/34



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

PRIMARY HYDRAULIC CIRCUIT - MODEL 710A

SEPTEMBER 1986

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 17376,17377,17378,17382 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2572-2 & UP

700 SERIES
SERIE 700

SECTION 4 PAGE 13
SECCION PAGINA

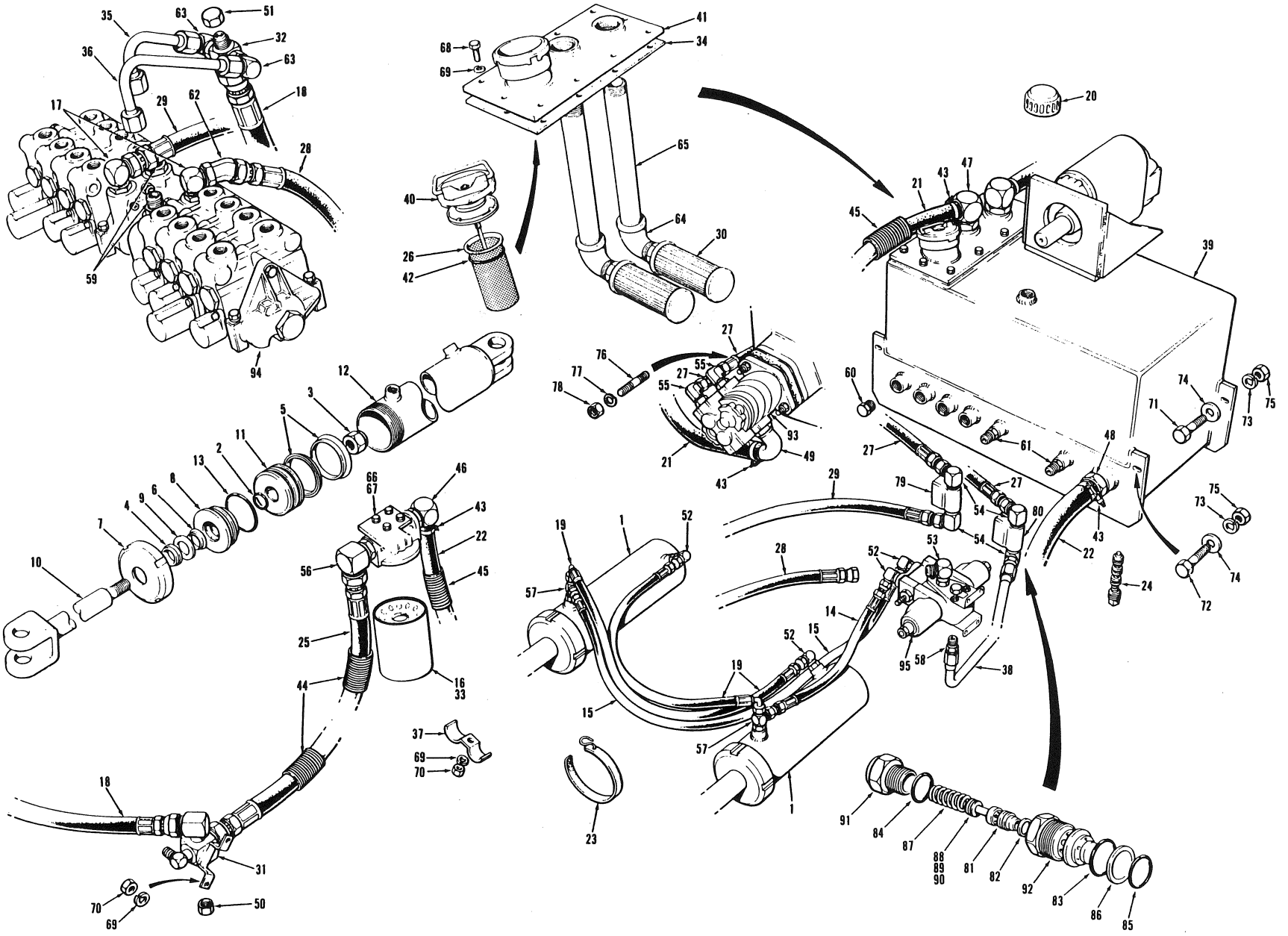
USE ONLY CHAMPION APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

PRIMARY HYDRAULIC CIRCUIT - MODEL 710A

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	41926	ARTICULATION CYL. ASSY. - INCLUDES 2 TO 13	2	
2	12A-218	O RING	1	
3	37N-20	LOCKNUT	1	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	CYLINDER NUT	1	
8	17610	GLAND	1	
9	17614	WASHER	1	
10	23978	PISTON ROD	1	
11	34471	PISTON	1	
12	41927	CYLINDER BARREL	1	
13	44244	O RING	1	
	26409	REPAIR KIT FOR 41926 CYL. ASSY. INCLUDES ITEMS - 2 TO 6 ,9 & 13		
14	9313 X 28	HOSE	1	
15	9313 X 53.5	HOSE	1	
16	13028	FILTER ELEMENT - INCLUDES GASKET	1	
17	*14292	CONNECTOR	2	
18	14379 X 90	HOSE	1	
19	14382 X 36	HOSE	2	
20	16894	AIR BREATHER	1	
21	17156 X 24	HOSE	1	
22	17156 X 67	HOSE	1	
23	19588	TARP STRAP	2	
24	27449	MAGNETIC PLUG	1	
25	27739 X 109	HOSE	1	
26	28008	STRAINER - INCLUDES ITEM 43	1	
27	28485 X 42	HOSE	2	
28	28485 X 188	HOSE	1	
29	28485 X 212	HOSE	1	
30	32668	STRAINER	2	
31	40288	CROSS	1	
32	40290	CROSS	1	
33	40320	OIL FILTER - INCLUDES ITEM 16	1	
34	40425	GASKET	1	
35	40505	TUBE	1	
36	40506	TUBE	1	
37	40854	CLAMP	3	
38	42167	FILLER CAP - INCLUDES DIPSTICK	1	
39	42292	TUBE	1	
40	*43816	HYDRAULIC OIL TANK	1	
41	*43817	ACCESS PLATE	1	
42	12A-228	O RING	1	
43	22A-200	CLAMP	4	
44	41648 X 6	HOSE PROTECTOR	2	
45	41715 X 6	HOSE PROTECTOR	2	
46	108A-2420	CONNECTOR	1	
47	108A-2424	CONNECTOR	1	
48	108C-2424	CONNECTOR	1	
49	108G-2420	CONNECTOR	1	
50	110E-08	CAP	1	
51	110E-12	CAP	1	
52	111B-0808	CONNECTOR	4	
53	111B-1208	CONNECTOR	1	
54	111B-1210	CONNECTOR	4	
55	111B-1212	CONNECTOR	2	
56	111B-2420	CONNECTOR	1	
57	111D-0808	TEE	2	
58	111E-1208	CONNECTOR	1	
59	112E-1212	CONNECTOR	2	
60	111H-12	PLUG	3	
61	111P-1010	CONNECTOR	2	
62	112A-12	CONNECTOR	1	
63	112B-08	CONNECTOR	1	
64	112B-12	CONNECTOR	3	
65	115J-2424	ELBOW	2	
66	115Z-2420	NIPPLE	2	
67	50A-0508	BOLT	4	
68	14A-05	LOCKWASHER	4	
69	50A-0610	BOLT	10	
70	14A-06	LOCKWASHER	15	
71	30A-06	NUT	7	
72	50A-1016	BOLT	2	
73	50A-1018	BOLT	2	
74	14A-10	LOCKWASHER	6	
75	14C-10	FLATWASHER	4	
76	30A-10	NUT	4	
77	330A-12	NUT	2	
78	354E-12090	STUD	2	
		RELIEF VALVE ASSEMBLY		
79	40503	RELIEF VALVE ASSY. - INCLUDES ITEMS 81 TO 91	1	
80	40504	RELIEF VALVE ASSY. - INCLUDES ITEMS 81 TO 91	1	
	27547	SERVICE KIT - INCLUDES ITEMS 81 & 82	A.R.	
81		POPPET	1	
82		PISTON RING	1	
	27551	SEAL KIT - INCLUDES ITEMS 83 TO 85	A.R.	
83		O RING	1	
84		O RING	1	
85		O RING	1	
86	27552	SPRING	1	
87	50067	SHIM - .010"(0.25mm) THICK	A.R.	
88	50066	SHIM - .020"(0.51mm) THICK	A.R.	
89	50065	SHIM - .040"(1.02mm) THICK	A.R.	
90		CAP	1	
91		BODY	1	
92		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
93		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
94		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGE 34

EFFECTIVE SERIAL NUMBER(S) 17934 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

PRIMARY HYDRAULIC CIRCUIT - MODEL 710A

AUGUST 1987

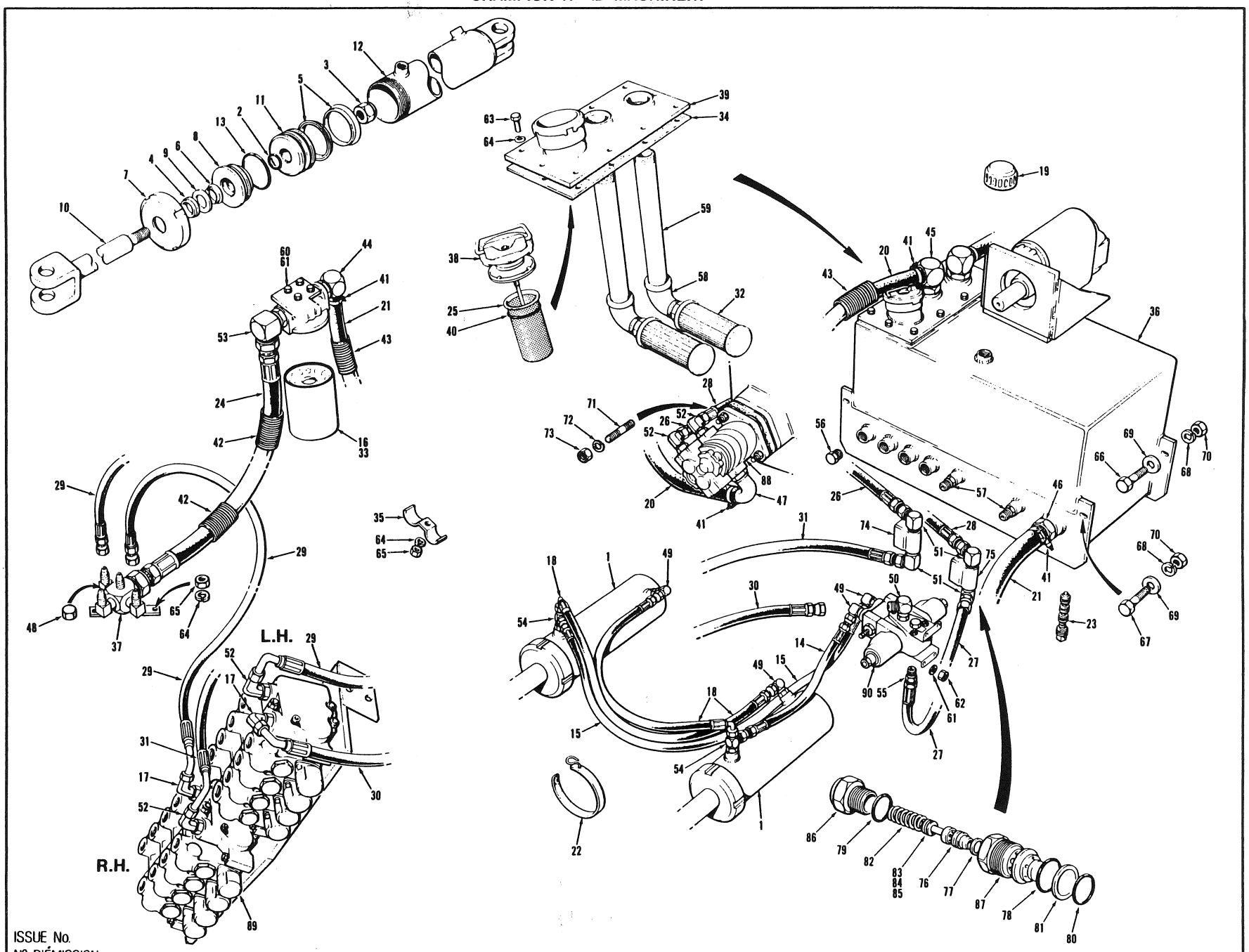
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

PRIMARY HYDRAULIC CIRCUIT - MODEL 710A

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	41926	ARTICULATION CYL. ASSY. - INCLUDES 2 TO 13	2	
2	12A-218	O RING	1	
3	37N-20	LOCKNUT	1	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	CYLINDER NUT	1	
8	17610	GLAND	1	
9	17614	WASHER	1	
10	23978	PISTON ROD	1	
11	34471	PISTON	1	
12	41927	CYLINDER BARREL	1	
13	44244	O RING	1	
	26409	REPAIR KIT FOR 41926 CYL. ASSY. INCLUDES ITEMS - 2 TO 6 ,9 & 13		
14	9313 X 28	HOSE	1	
15	9313 X 53.5	HOSE	1	
16	13028	FILTER ELEMENT - INCLUDES GASKET	1	
17	14292	CONNECTOR	2	
18	14379 X 90	HOSE	1	
19	14382 X 36	HOSE	2	
20	16894	AIR BREATHER	1	
21	17156 X 24	HOSE	1	
22	17156 X 67	HOSE	1	
23	19588	TARP STRAP	2	
24	27449	MAGNETIC PLUG	1	
25	27739 X 109	HOSE	1	
26	28008	STRAINER - INCLUDES ITEM 42	1	
27	28485 X 42	HOSE	2	
28	28485 X 188	HOSE	1	
29	28485 X 212	HOSE	1	
30	32668	STRAINER	2	
31	40288	CROSS	1	
32	40290	CROSS	1	
33	40320	OIL FILTER - INCLUDES ITEM 16	1	
34	40425	GASKET	1	
35	40505	TUBE	1	
36	40506	TUBE	1	
37	40854	CLAMP	3	
38	42292	TUBE	1	
39	*45356	HYDRAULIC OIL TANK	1	
40	*44672	FILLER CAP - INCLUDES DIPSTICK	1	
41	*50043	ACCESS PLATE	1	
42	12A-228	O RING	1	
43	22A-200	CLAMP	4	
44	41648 X 6	HOSE PROTECTOR	2	
45	41715 X 6	HOSE PROTECTOR	2	
46	108A-2420	CONNECTOR	1	
47	108A-2424	CONNECTOR	1	
48	108C-2424	CONNECTOR	1	
49	108G-2420	CONNECTOR	1	
50	110E-08	CAP	1	
51	110E-12	CAP	1	
52	111B-0808	CONNECTOR	4	
53	111B-1208	CONNECTOR	1	
54	111B-1210	CONNECTOR	4	
55	111B-1212	CONNECTOR	2	
56	111B-2420	CONNECTOR	1	
57	111D-0808	TEE	2	
58	111E-1208	CONNECTOR	1	
59	112E-1212	CONNECTOR	2	
60	111H-12	PLUG	3	
61	111P-10	CONNECTOR	2	
62	112A-12	CONNECTOR	1	
63	112B-12	CONNECTOR	3	
64	115J-2424	ELBOW	2	
65	115Z-2420	NIPPLE	2	
66	50A-0508	BOLT	4	
67	14A-05	LOCKWASHER	4	
68	50A-0610	BOLT	10	
69	14A-06	LOCKWASHER	15	
70	30A-06	NUT	7	
71	50A-1016	BOLT	2	
72	50A-1018	BOLT	2	
73	14A-10	LOCKWASHER	6	
74	14C-10	FLATWASHER	4	
75	30A-10	NUT	4	
76	354A-12075	STUD	2	
77	*314A-12	LOCKWASHER	2	
78	330A-12	NUT	2	
		RELIEF VALVE ASSEMBLY		
79	40503	RELIEF VALVE ASSY. - INCL. ITEMS 81 TO 92	1	
80	40504	RELIEF VALVE ASSY. - INCL. ITEMS 81 TO 92	1	
	27547	SERVICE KIT - INCLUDES ITEMS 81 & 82	A.R.	
81		POPPET	1	
82		PISTON RING	1	
	*45549	SEAL KIT - INCLUDES ITEMS 83 TO 86	A.R.	
83		O RING	1	
84		O RING	1	
85		O RING	1	
86		BACK UP WASHER	1	
87	27552	SPRING	1	
88	50067	SHIM - .010"(0.25mm) THICK	A.R.	
89	50066	SHIM - .020"(0.51mm) THICK	A.R.	
90	50065	SHIM - .040"(1.02mm) THICK	A.R.	
91		CAP	1	
92		BODY	1	
93		HYDRAULIC PUMP	REF.	SECTOIN 4 PAGE 2
94		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
95		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGE 34



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5

PRIMARY HYDRAULIC CIRCUIT - MODEL 710A

FEBRUARY 1988

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

SECTION / SECCION 4 — PAGE / PAGINA 14 — ISSUE No. / N° D'ÉMISSION / N° DE EDICION 5

PRIMARY HYDRAULIC CIRCUIT - MODEL 710A

FEBRUARY 1988

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	41926	ARTICULATION CYL. ASSY. - INCLUDES 2 TO 13	2	
2	12A-218	O RING	1	
3	37N-20	LOCKNUT	1	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	CYLINDER NUT	1	
8	17610	GLAND	1	
9	17614	WASHER	1	
10	23978	PISTON ROD	1	
11	34471	PISTON	1	
12	41927	CYLINDER BARREL	1	
13	44244	O RING	1	
	26409	REPAIR KIT FOR 41926 CYL. ASSY. INCLUDES ITEMS - 2 TO 6, 9 & 13		
14	9313 X 28	HOSE	1	
15	9313 X 53.5	HOSE	1	
16	13028	FILTER ELEMENT - INCLUDES GASKET	1	
17	14292	CONNECTOR	2	
18	14382 X 36	HOSE	2	
19	16894	AIR BREATHER	1	
20	17156 X 26	HOSE	1	
21	17156 X 67	HOSE	1	
22	19588	TARP STRAP	2	
23	27449	MAGNETIC PLUG	1	
24	27739 X 109	HOSE	1	
25	28008	STRAINER - INCLUDES ITEM 42	1	
26	28485 X 42	HOSE	1	
27	*28485 X 28	HOSE	1	
28	*28485 X 47	HOSE	1	
29	*28696 X 24	HOSE	2	
30	*28696 X 120	HOSE	1	
31	*28696 X 140	HOSE	1	
32	32668	STRAINER	2	
33	40320	OIL FILTER - INCLUDES ITEM 16	1	
34	40425	GASKET	1	
35	40854	CLAMP	3	
36	45356	HYDRAULIC OIL TANK	1	
37	*45942	CROSS	1	
38	44672	FILLER CAP - INCLUDES DIPSTICK	1	
39	50043	ACCESS PLATE	1	
40	12A-228	O RING	1	
41	22A-200	CLAMP	4	
42	41648 X 6	HOSE PROTECTOR	2	
43	41715 X 6	HOSE PROTECTOR	2	
44	108A-2420	CONNECTOR	1	
45	108A-2424	CONNECTOR	1	
46	108C-2424	CONNECTOR	1	
47	108G-2420	CONNECTOR	1	
48	110E-12	CAP	1	
49	111B-0808	CONNECTOR	4	
50	111B-1208	CONNECTOR	1	
51	111B-1210	CONNECTOR	4	
52	111B-1212	CONNECTOR	2	
53	111B-2420	CONNECTOR	1	
54	111D-0808	TEE	2	
55	111E-1208	CONNECTOR	1	
56	111H-12	PLUG	3	
57	111P-10	CONNECTOR	2	
58	115J-2424	ELBOW	2	
59	115Z-2420	NIPPLE	2	
60	50A-0508	BOLT	4	
61	14A-05	LOCKWASHER	4	
62	*30A-05	NUT	4	
63	50A-0610	BOLT	10	
64	14A-06	LOCKWASHER	15	
65	30A-06	NUT	5	
66	50A-1016	BOLT	2	
67	50A-1018	BOLT	2	
68	14A-10	LOCKWASHER	6	
69	14C-10	FLATWASHER	4	
70	30A-10	NUT	4	
71	354A-12075	STUD	2	
72	314A-12	LOCKWASHER	2	
73	330A-12	NUT	2	
		RELIEF VALVE ASSEMBLY		
74	40503	RELIEF VALVE ASSY. - INCL. ITEMS 76 TO 87	1	
75	40504	RELIEF VALVE ASSY. - INCL. ITEMS 76 TO 87	1	
	27547	SERVICE KIT - INCLUDES ITEMS 76 & 77	A.R.	
76		POPPET	1	
77		PISTON RING	1	
	45549	SEAL KIT - INCLUDES ITEMS 78 TO 81	A.R.	
78		O RING	1	
79		O RING	1	
80		O RING	1	
81		BACK UP WASHER	1	
82	27552	SPRING	1	
83	50067	SHIM - .010"(0.25mm) THICK	A.R.	
84	50066	SHIM - .020"(0.51mm) THICK	A.R.	
85	50065	SHIM - .040"(1.02mm) THICK	A.R.	
86		CAP	1	
87		BODY	1	
88		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
89		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
90		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGE 38

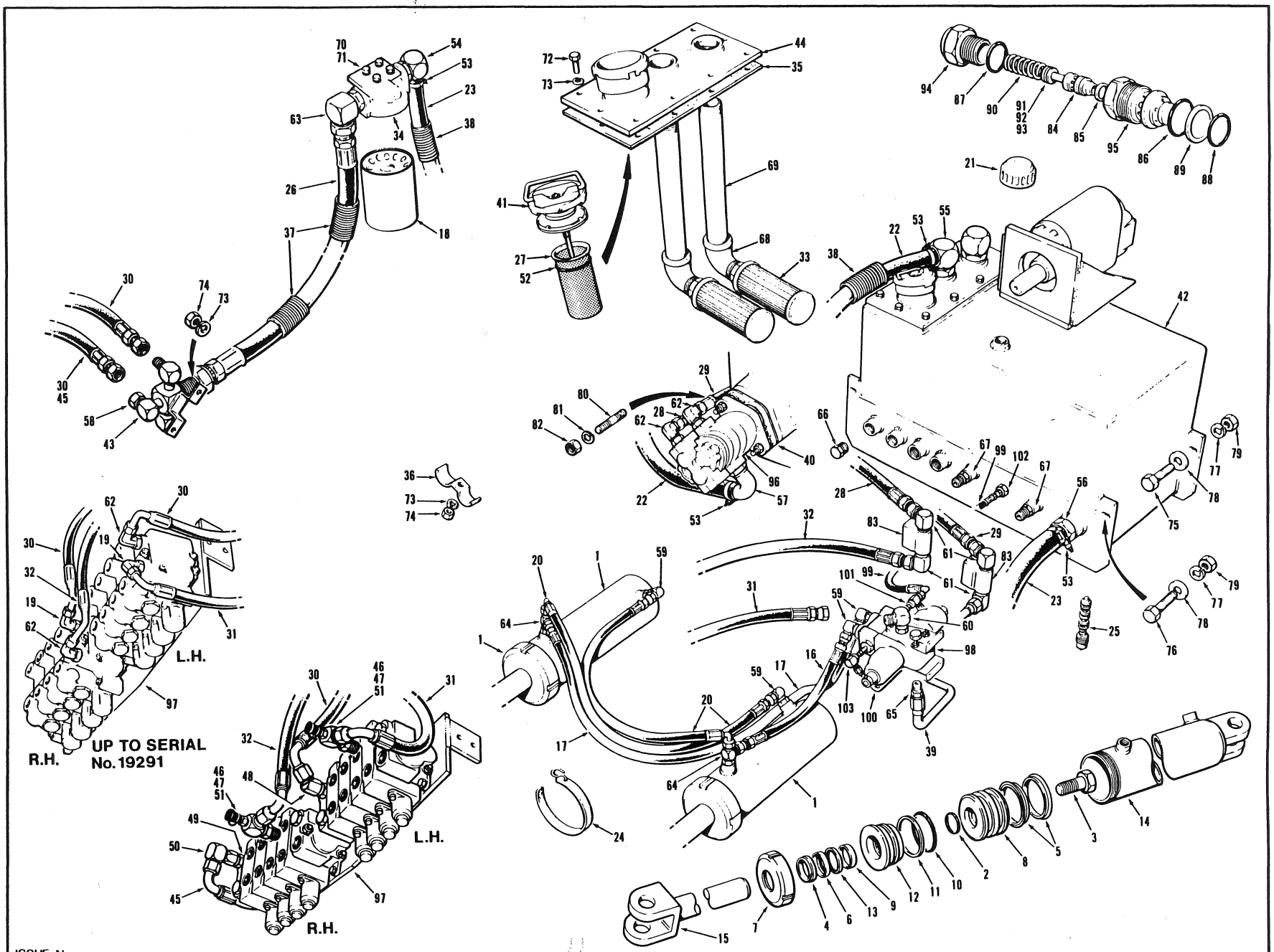
EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

19061, 19062, 19103 to 20116
EXCLUDING 20005 & 20104

700 SERIES
SERIE 700

SECTION 4
SECCION 4

PAGE 13
PAGINA 13



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 6 REVISION C

PRIMARY HYDRAULIC CIRCUIT - MODEL 710A

OCTOBER 1989

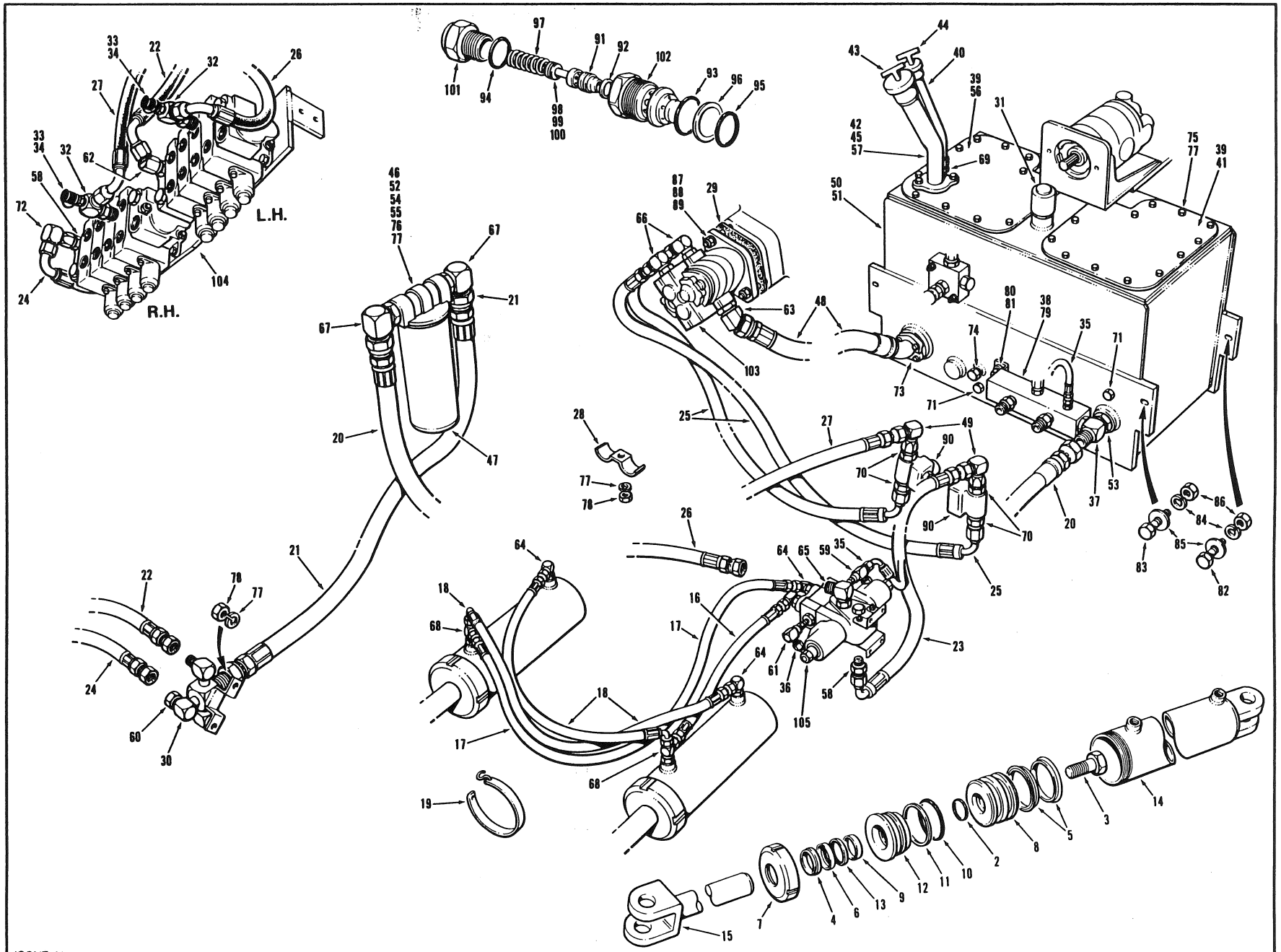
FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

PRIMARY HYDRAULIC CIRCUIT - MODEL 710A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	46057	ARTICULATION CYLINDER ASSY. - INCLUDES ITEM 2 TO 15	2	
2	12A-224	O RING	1	
3	50A-1620	BOLT	1	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	10237	ROD SEAL	2	
7	17608	CYLINDER NUT	1	
8	42151	PISTON	1	
9	43074	WEAR RING	1	
10	44244	O RING	1	
11	44266	BACK-UP RING	1	
12	45734	GLAND	1	
13	45890	BUFFER RING	1	
14	46058	CYLINDER BARREL	1	
15	46322	PISTON ROD	1	
	48953	REPAIR KIT FOR 46057 CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 6, 9 TO 11 & 13	A.R.	
16	9313X28	HOSE	1	
17	9313X53.5	HOSE	1	
18	13028	FILTER ELEMENT - INCLUDES GASKET	1	
19	14292	CONNECTOR	2	UP TO S/N 19291
20	14382X36	HOSE	2	
21	16894	AIR BREATHER	1	
22	17156X26	HOSE	1	
23	17156X67	HOSE	1	
24	19588	STRAP	3	
25	27449	MAGNETIC PLUG	1	
26	27739X109	HOSE	1	
27	28008	STRAINER - INCLUDES ITEM 52	1	
28	28485X42	HOSE	1	
29	28485X47	HOSE	1	
30	28696X24	HOSE	1 or 2	
31	28696X120	HOSE	1	
32	28696X140	HOSE	1	
33	32668	STRAINER	2	
34	40320	OIL FILTER - INCLUDES ITEM 18	1	
35	40425	GASKET	1	
36	40854	CLAMP	3	
37	41648X6	HOSE PROTECTOR	2	
38	41715X6	HOSE PROTECTOR	2	
39	42292	TUBE	1	
40	42794	GASKET	1	
41	44672	FILLTER CAP - INCLUDES DIPSTICK	1	
42	45356	HYDRAULIC OIL TANK	1	
43	45942	CROSS	1	
44	50043	ACCESS PLATE	1	
45	28696X36	HOSE	1	S/N 19300 & UP
46	*49837	CONNECTOR	2	
47	*51286	QUICK DISCONNECT COUPLING - MALE	2	
	*51287	QUICK DISCONNECT COUPLING - FEMALE (FOR TESTING)	1	
48	111A-1210	CONNECTOR	1	
49	111E-1210	CONNECTOR	1	
50	112B-12	ELBOW	1	
51	*51288	CAP	2	
52	12A-228	O RING	1	
53	22A-200	CLAMP	4	
54	108A-2420	CONNECTOR	1	
55	108A-2424	CONNECTOR	1	
56	108C-2424	CONNECTOR	1	
57	108G-2420	CONNECTOR	1	
58	110E-12	CAP	1	
59	111B-0808	CONNECTOR	4	
60	111B-1208	CONNECTOR	1	
61	111B-1210	CONNECTOR	4	
62	111B-1212	CONNECTOR	A.R.	
63	111B-2420	CONNECTOR	1	
64	111D-0808	TEE	2	
65	111E-1208	CONNECTOR	1	
66	111H-12	PLUG	3	
67	111P-10	CONNECTOR	2	
68	115J-2424	ELBOW	2	
69	115Z-2420	NIPPLE	2	
70	50A-0508	BOLT	4	
71	14A-05	LOCKWASHER	4	
72	50A-0610	BOLT	10	
73	14A-06	LOCKWASHER	15	
74	30A-06	NUT	5	
75	50A-1016	BOLT	2	
76	50A-1018	BOLT	2	
77	14A-10	LOCKWASHER	6	
78	14C-10	FLATWASHER	4	
79	30A-10	NUT	4	
80	354E-12075	STUD	2	
81	314A-12	LOCKWASHER	2	
82	330A-12	NUT	2	
		RELIEF VALVE ASSEMBLY		
83	40504	RELIEF VALVE ASSY. - INCLUDES ITEMS 84 TO 95	2	
	27547	SERVICE KIT - INCLUDES ITEMS 84 & 85	A.R.	
84		POPPET	1	
85		PISTON RING	1	
	45549	SEAL KIT - INCLUDES ITEMS 86 TO 89	A.R.	
86		O RING	1	
87		O RING	1	
88		O RING	1	
89		BACK-UP WASHER	1	
90	27552	SPRING	1	
91	50067	SHIM - .010"(0.25mm) THICK	A.R.	
92	50066	SHIM - .020" (0.51mm) THICK	A.R.	
93	50065	SHIM - .040"(1.02mm) THICK	A.R.	
94		CAP	1	
95		BODY	1	
96		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
97		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
98		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGE 38
99	*52086X36	HOSE	1	
100	*52987	TUBE	1	
101	*110AE-0402	TEE	1	
102	*110G-0408	CONNECTOR	1	
103	*110U-0402	ELBOW	1	



PRIMARY HYDRAULIC CIRCUIT - MODEL 710A

AUGUST 1989

ISSUE No.
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Nº DE EDICION 7

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 19982, 19984, 19985, 19996,
NUMERO(S) DE SÉRIE EFFECTIF(S) 20005, 20104, 20106, 20120
NUMERO(S) DE SERIE EFECTIVO(S) & UP

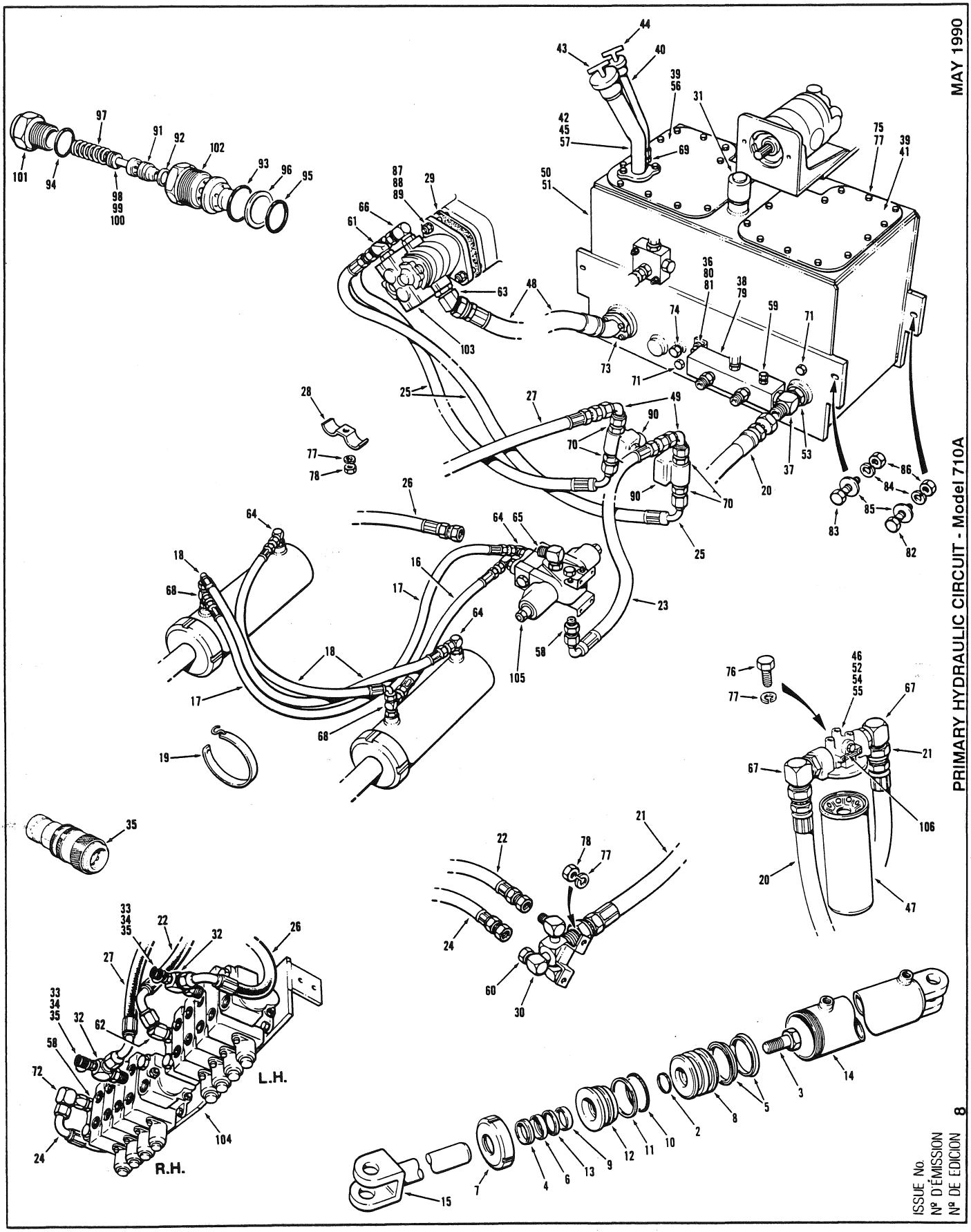
700 SERIES
SERIE 700

SECTION 4 PAGE 13
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

PRIMARY HYDRAULIC CIRCUIT - MODEL 710A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	46057	ARTICULATION CYLINDER ASSEMBLY	2	
		- INCLUDES ITEMS 2 TO 15		
2	12A-224	O-RING	1	
3	50A-1620	BOLT	1	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	2	
7	17608	CYLINDER NUT	1	
8	42151	PISTON	1	
9	43074	WEAR RING	1	
10	44244	O RING	1	
11	44266	BACK-UP RING	1	
12	45734	GLAND	1	
13	45890	BUFFER RING	1	
14	46058	CYLINDER BARREL	1	
15	46322	PISTON ROD	1	
	48953	REPAIR KIT FOR 46057 CYLINDER ASSEMBLY	A.R.	
		- INCLUDES ITEMS 2 TO 6, 9 TO 11 & 13		
16	9313 X 28	HOSE	1	
17	9313 X 53.5	HOSE	1	
18	14382 X 36	HOSE	2	
19	19588	STRAP	3	
20	*27739 X 76	HOSE	1	
21	27739 X 109	HOSE	1	
22	28696 X 24	HOSE	1	
23	*28696 X 27	HOSE	1	
24	28696 X 36	HOSE	1	
25	*28696 X 55	HOSE	2	
26	28696 X 120	HOSE	1	
27	28696 X 140	HOSE	1	
28	40854	CLAMP	1	
29	42794	GASKET	1	
30	45942	CROSS	1	
31	48878	BREATHER	1	
32	49837	CONNECTOR	2	
33	51286	CONNECTOR	2	
34	51288	DUST CAP	2	
35	*52086 X 36.5	HOSE	1	
36	52087	TUBE	1	
37	*53378	TEE	1	
38	*53379	MANIFOLD	1	
39	*53439	GASKET - COVER PLATE	2	
40	*53466	NECK ASSEMBLY - DIP STICK	1	
41	*53469	COVER PLATE - L.H.	1	
42	*53488	GASKET - FILLER NECK	1	
43	*53491	CAP	1	
44	*53492	DIP STICK	1	
45	*53495	STRAINER	1	
46	*53510	FILTER ASSEMBLY C/W INDICATOR - C/W ITEMS 47 & 54	1	
47	*53527	FILTER ELEMENT	1	
48	*53568 X 29.25	HOSE	1	
49	*53623	ELBOW	2	
50	*54021	HYDRAULIC OIL TANK	1	
51	*54040	MAGNETIC PLUG	1	
52	*54041	FILTER ASSEMBLY W/O INDICATOR - C/W ITEMS 47 & 55	1	
53	*54137	DIFFUSER	1	
54	*54171	HEAD	1	
55	*54172	HEAD	1	
56	*54352	COVER PLATE - R.H.	1	
57	*54353	FILLER NECK	1	
58	*54416	CONNECTOR	2	
59	110AE-0402	TEE	1	
60	110E-12	CAP	1	
61	110U-0402	CONNECTOR	1	
62	111A-1210	CONNECTOR	1	
63	*111A-2420	CONNECTOR	1	
64	111B-0808	CONNECTOR	4	
65	111B-1210	CONNECTOR	1	
66	111B-1212	CONNECTOR	2	
67	111B-2420	CONNECTOR	2	
68	111D-0808	TEE	2	
69	*111E-0808	CONNECTOR	1	
70	*111E-1212	CONNECTOR	4	
71	*111H-08	PLUG	2	
72	112B-12	CONNECTOR	1	
73	*114D-24	FLANGE - C/W O RING & HARDWARE	1	
74	*115C-08	PLUG	1	
75	*50A-0608	BOLT	26	
76	*50A-0612	BOLT	3	
77	14A-06	LOCKWASHER	32	
78	30A-06	NUT	3	
79	*50A-0808	BOLT	1	
80	*14A-08	LOCKWASHER	1	
81	*30A-08	NUT	1	
82	50A-1016	BOLT	2	
83	50A-1018	BOLT	2	
84	14A-10	LOCKWASHER	4	
85	14C-10	FLATWASHER	4	
86	30A-10	NUT	4	
87	354E-12075	STUD	2	
88	314A-12	LOCKWASHER	2	
89	330A-12	NUT	2	
		RELIEF VALVE ASSEMBLY		
90	*53394	RELIEF VALVE ASSEMBLY - INCLUDES ITEMS 91 TO 102	2	
	27547	SERVICE KIT FOR 53394 - INCLUDES ITEMS 91 & 92	A.R.	
91		POPPET	1	
92		PISTON RING	1	
	45549	SEAL KIT FOR 53394 - INCLUDES ITEMS 93 TO 96	A.R.	
93		O RING	1	
94		O RING	1	
95		O RING	1	
96		BACK-UP WASHER	1	
97	27552	SPRING	1	
98	50067	SHIM - .010" (0.25mm) THICK	A.R.	
99	50066	SHIM - .020" (0.5 mm) THICK	A.R.	
100	50065	SHIM - .040" (1.02mm) THICK	A.R.	
101		CAP	1	
102		BODY	1	
103		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
104		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
105		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGE 38



MAY 1990

PRIMARY HYDRAULIC CIRCUIT - Model 710A

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ISSUE No. 8
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CHAMPION ROAD MACHINERY

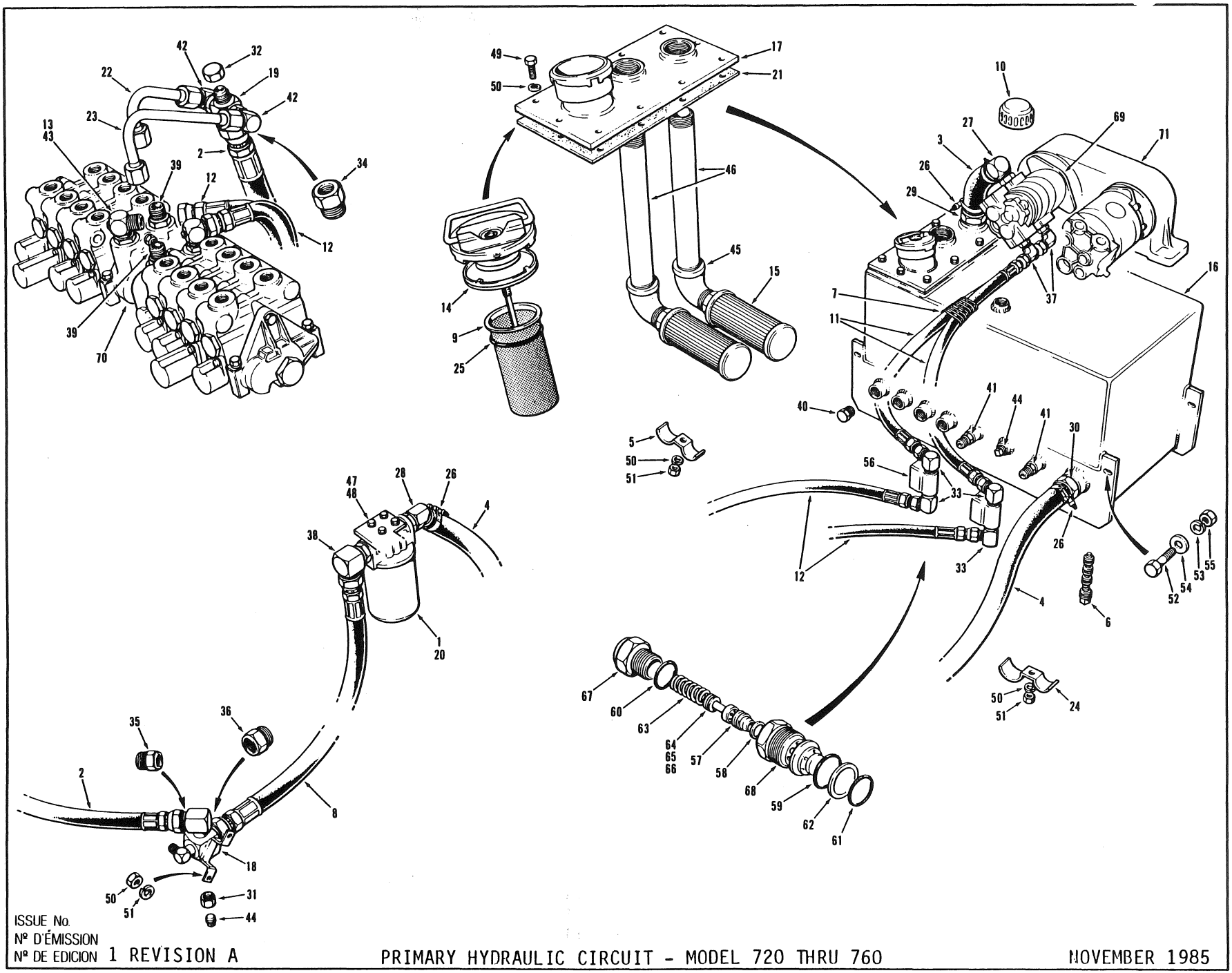
EFFECTIVE SERIAL NUMBER(S) 20729 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

SECTION / SECCION 4 | PAGE / PAGINA 14 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 8

PRIMARY HYDRAULIC CIRCUIT - Model 710A

MAY 1990

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	46057	**ARTICULATION CYLINDER ASSEMBLY** - INCLUDES ITEMS 2 TO 15	2	
2	12A-224	O-RING	1	
3	50A-1620	BOLT	1	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	2	
7	17608	CYLINDER NUT	1	
8	42151	PISTON	1	
9	43074	WEAR RING	1	
10	44244	O RING	1	
11	44266	BACK-UP RING	1	
12	45734	GLAND	1	
13	45890	BUFFER RING	1	
14	46058	CYLINDER BARREL	1	
15	46322	PISTON ROD	1	
	48953	**REPAIR KIT FOR 46057** CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 6, 9 TO 11 & 13	1	
16	9313 X 28	HOSE	1	
17	9313 X 53.5	HOSE	1	
18	14382 X 36	HOSE	2	
19	19588	STRAP	3	
20	27739 X 76	HOSE	1	
21	27739 X 109	HOSE	1	
22	28696 X 24	HOSE	1	
23	28696 X 27	HOSE	1	
24	28696 X 36	HOSE	1	
25	28696 X 55	HOSE	2	
26	*28696 X 112	HOSE	1	
27	28696 X 140	HOSE	1	
28	40854	CLAMP	1	
29	42794	GASKET	1	
30	45942	CROSS	1	
31	48878	BREATHER	1	
32	49837	CONNECTOR	2	
33	51286	QUICK DISCONNECT COUPLER - MALE	2	
34	51288	DUST CAP	2	
35	*51287	QUICK DISCONNECT COUPLER - FEMALE (FOR TESTING)	1	IN TOOLBOX
36	*54055	BRACKET	1	
37	53378	TEE	1	
38	53379	MANIFOLD	1	
39	53439	GASKET - COVER PLATE	2	
40	53466	NECK ASSEMBLY - DIP STICK	1	
41	53469	COVER PLATE - L.H.	1	
42	53488	GASKET - FILLER NECK	1	
43	53491	CAP	1	
44	53492	DIP STICK	1	
45	53495	STRAINER	1	
46	53510	**FILTER ASSEMBLY C/W INDICATOR** - C/W ITEMS 47, 54 & 106	1	
47	53527	FILTER ELEMENT	1	
48	53568 X 29.25	HOSE	1	
49	53623	ELBOW	2	
50	54021	HYDRAULIC OIL TANK	1	
51	54040	MAGNETIC PLUG	1	
52	54041	**FILTER ASSEMBLY W/O INDICATOR** - C/W ITEMS 47 & 55	1	
53	54137	DIFFUSER	1	
54	54171	HEAD - INDICATOR	1	
55	54172	HEAD - NO INDICATOR	1	
56	54352	COVER PLATE - R.H.	1	
57	54353	FILLER NECK	1	
58	54416	CONNECTOR	2	
59	*110E-04	CAP	1	
60	110E-12	CAP	1	
61	*112A-12	CONNECTOR	1	
62	111A-1210	CONNECTOR	1	
63	111A-2420	CONNECTOR	1	
64	111B-0808	CONNECTOR	4	
65	111B-1210	CONNECTOR	1	
66	111B-1212	CONNECTOR	2	
67	111B-2420	CONNECTOR	2	
68	111D-0808	TEE	2	
69	111E-0808	CONNECTOR	1	
70	111E-1212	CONNECTOR	4	
71	111H-08	PLUG	2	
72	112B-12	CONNECTOR	1	
73	114D-24	FLANGE - C/W O RING & HARDWARE	1	
74	115C-08	PLUG	1	
75	50A-0608	BOLT	26	
76	50A-0612	BOLT	3	
77	14A-06	LOCKWASHER	32	
78	30A-06	NUT	3	
79	50A-0808	BOLT	1	
80	14A-08	LOCKWASHER	1	
81	30A-08	NUT	1	
82	50A-1016	BOLT	2	
83	50A-1018	BOLT	2	
84	14A-10	LOCKWASHER	4	
85	14C-10	FLATWASHER	4	
86	30A-10	NUT	4	
87	354E-12075	STUD	2	
88	314A-12	LOCKWASHER	2	
89	330A-12	NUT	2	
		RELIEF VALVE ASSEMBLY		
90	53394	**RELIEF VALVE ASSEMBLY** - INCLUDES ITEMS 91 TO 102	2	
	27547	**SERVICE KIT FOR 53394** - INCLUDES ITEMS 91 & 92	1	
91		POPPET	1	
92		PISTON RING	1	
	45549	SEAL KIT FOR 53394 - INCLUDES ITEMS 93 TO 96	1	
93		O RING	1	
94		O RING	1	
95		O RING	1	
96		BACK-UP WASHER	1	
97	27552	SPRING	1	
98	50067	SHIM - .010" (0.25mm) THICK	1	
99	50066	SHIM - .020" (0.5 mm) THICK	1	
100	50065	SHIM - .040" (1.02mm) THICK	1	
101		CAP	1	
102		BODY	1	
103		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
104		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
105		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4
106	*56824	BY-PASS INDICATOR	1	PAGE 38



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

PRIMARY HYDRAULIC CIRCUIT - MODEL 720 THRU 760

NOVEMBER 1985

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224, 16245 TO 16795
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 TO 2419-2

700 SERIES
SERIE 700

SECTION 4 PAGE 15
SECCION 4 PAGINA 15

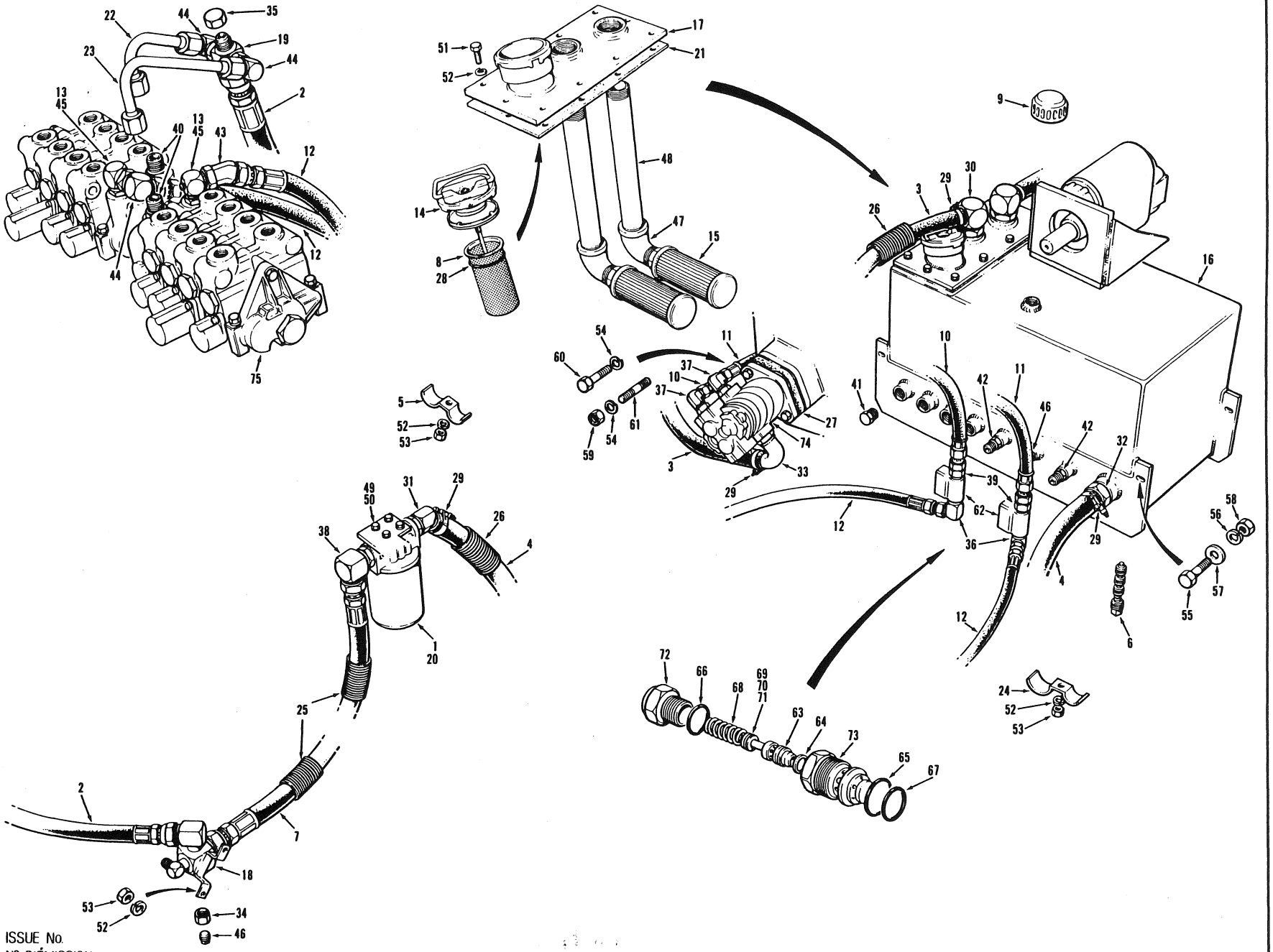
USE ONLY CHAMPION APPROVED PARTS

SECTION / SECCION 4 | PAGE / PAGINA 16 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 1 REVISION A

PRIMARY HYDRAULIC CIRCUIT - MODEL 720 THRU 760

NOVEMBER 1985

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	13028	FILTER ELEMENT - INCLUDES GASKET	1	
2	14379 X 90	HOSE	1	
3	17156 X 8	HOSE	1	
4	17156 X 80	HOSE	1	
5	24787	CLAMP	A.R.	
6	27449	MAGNETIC PLUG	1	
7	27455 X 9	HOSE PROTECTOR	1	
8	27739 X 90	HOSE	1	
9	28008	STRAINER - INCLUDES ITEM 25	1	
10	28081	AIR BREATHER	1	
11	28485 X 28	HOSE	2	
12	28485 X 212	HOSE	2	
13	32589	ELBOW - INCLUDES ITEM 43	2	
14	32667	FILLER CAP - INCLUDES DIPSTICK	1	
15	32668	STRAINER	2	
16	40219	HYDRAULIC OIL TANK	1	
17	40236	ACCESS PLATE	1	
18	40288	CROSS	1	
19	40290	CROSS	1	
20	40320	OIL FILTER - INCUDES ITEM 1	1	
21	40425	GASKET	1	
22	40505	TUBE	1	
23	40506	TUBE	1	
24	40975	CLAMP	1	
25	12A-228	O RING	1	AS REQ'D
26	22A-200	CLAMP	4	
27	108A-2420	CONNECTOR	1	
28	108B-2420	CONNECTOR	1	
29	108C-2420	CONNECTOR	1	
30	108C-2424	CONNECTOR	1	
31	110E-08	CAP	1	
32	110E-12	CAP	1	
33	110R-1212	CONNECTOR	4	
34	110AH-2012	ADAPTER	A.R.	
35	110AH-2016	ADAPTER	A.R.	
36	110AH-2420	ADAPTER	A.R.	
37	111B-1212	CONNECTOR	2	
38	111B-2420	CONNECTOR	1	
39	111E-1212	CONNECTOR	2	
40	111H-12	PLUG	A.R.	
41	111M-0810	CONNECTOR	2	
42	112B-1212	CONNECTOR	2	
43	115D-02	PLUG	2	
44	115E-08	PLUG	1	
45	115J-2424	ELBOW	2	
46	115Z-2420	NIPPLE	2	
47	50A-0508	BOLT	4	
48	14A-05	LOCKWASHER	4	
49	50A-0608	BOLT	10	
50	14A-06	LOCKWASHER	A.R.	
51	30A-06	NUT	A.R.	
52	50A-1016	BOLT	4	
53	14A-10	LOCKWASHER	4	
54	14C-10	FLATWASHER	4	
55	30A-10	NUT	4	
		RELIEF VALVE ASSEMBLY		
56	27942	RELIEF VALVE ASSY. - INCLUDES ITEMS 57 TO 67	2	
	27547	SERVICE KIT - INCLUDES ITEMS 57 & 58	A.R.	
57		POPPET	1	
58		PISTON RING	1	
	27551	SEAL KIT - INCLUDES ITEMS 59 TO 62	A.R.	
59		O RING	1	
60		O RING	1	
61		O RING	1	
62		BACK-UP RING	1	
63	27552	SPRING	1	
64	50067	SHIM - .010" (0,25mm) THICK	A.R.	
65	50066	SHIM - .020" (0,51mm) THICK	A.R.	
66	50065	SHIM - .040" (1,02mm) THICK	A.R.	
67		CAP	1	
68		BODY	1	
69		HYDRAULIC PUMP	REF.	SECTION 4 PAGES 1/2
70		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGES 7/8
71		PUMP GEARBOX ASSEMBLY	REF.	SECTION 4 PAGES 23/24



EFFECTIVE SERIAL NUMBER(S) 16798 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2420-2 & UP

700 SERIES
SERIE 700

SECTION 4 PAGE 15
SECCION PAGINA

ISSUE No. 2
Nº D'ÉMISSION
Nº DE EDICION

OCTOBER 1985

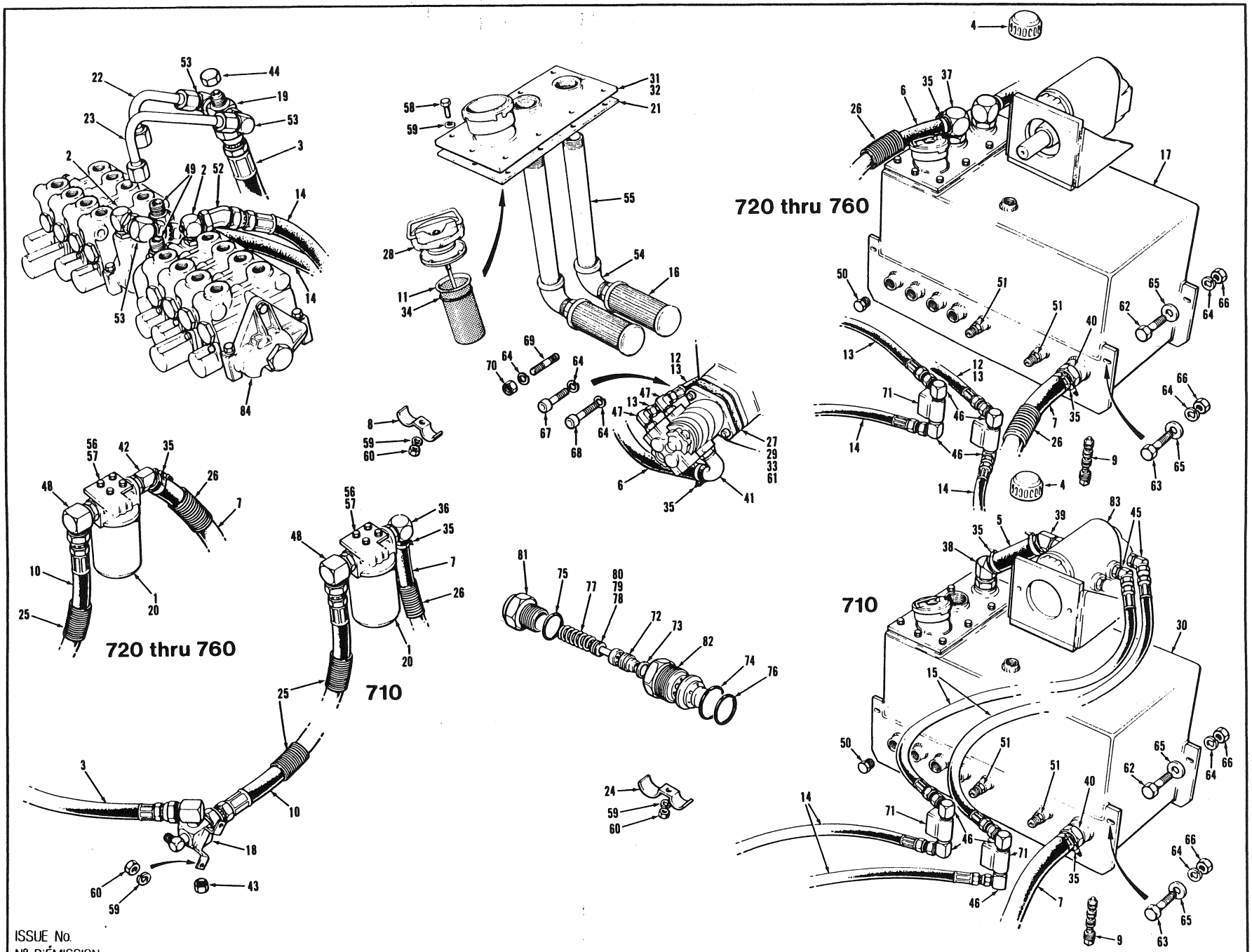
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

PRIMARY HYDRAULIC CIRCUIT - MODEL 710 THRU 760

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	13028	FILTER ELEMENT - INCLUDES GASKET	1	
2	14379 X 90	HOSE	1	
3	17156 X 24	HOSE	1	
4	17156 X 67	HOSE	1	
5	24787	CLAMP	A.R.	
6	27449	MAGNETIC PLUG	1	
7	27739 X 60	HOSE	1	
8	28008	STRAINER - INCLUDES ITEM 28	1	
9	28081	AIR BREATHER	1	
10	28485 X 42	HOSE	1	
11	28485 X 47	HOSE	1	
12	28485 X 212	HOSE	2	
13	32589	CONNECTOR - INCLUDES ITEM 45	2	
14	42167	FILLER CAP - INCLUDES DIPSTICK	1	
15	32668	STRAINER	2	
16	40219	HYDRAULIC OIL TANK	1	
17	40236	ACCESS PLATE	1	
18	40288	CROSS	1	
19	40290	CROSS	1	
20	40320	OIL FILTER - INCLUDES ITEM 1	1	
21	40425	GASKET	1	
22	40505	TUBE	1	
23	40506	TUBE	1	
24	40975	CLAMP	1	
25	41648 X 6	HOSE PROTECTOR	2	
26	41715 X 6	HOSE PROTECTOR	2	
27	42794	GASKET	1	
28	12A-228	O RING	1	AS REQ'D
29	22A-200	CLAMP	4	
30	108A-2424	CONNECTOR	1	
31	108B-2420	CONNECTOR	1	
32	108C-2424	CONNECTOR	1	
33	108G-2420	CONNECTOR	1	
34	110E-08	CAP	1	
35	110E-12	CAP	1	
36	111B-1210	CONNECTOR	2	
37	111B-1212	CONNECTOR	3	
38	111B-2420	CONNECTOR	1	
39	111E-1210	CONNECTOR	2	
40	111E-1212	CONNECTOR	2	
41	111H-12	PLUG	A.R.	
42	111P-1010	CONNECTOR	2	
43	112A-12	CONNECTOR	1	
44	112B-12	CONNECTOR	3	
45	115D-02	PLUG	2	
46	115E-08	PLUG	1	
47	115J-2424	ELBOW	2	
48	115Z-2420	NIPPLE	2	
49	50A-0508	BOLT	4	
50	14A-05	LOCKWASHER	4	
51	50A-0608	BOLT	10	
52	14A-06	LOCKWASHER	A.R.	
53	30A-06	NUT	A.R.	
54	14A-08	LOCKWASHER	2	
55	50A-1016	BOLT	4	
56	14A-10	LOCKWASHER	4	
57	14C-10	FLATWASHER	4	
58	30A-10	NUT	4	
59	330A-12	NUT	2	
60	350A-12075	BOLT	2	
61	354E-12090	STUD	2	
		RELIEF VALVE ASSEMBLY		
62	40503	RELIEF VALVE ASSY. - INCLUDES ITEMS 63 TO 73	2	
	27547	SERVICE KIT - INCLUDES ITEMS 63 & 64	A.R.	
63		POPPET	1	
64		PISTON RING	1	
	27551	SEAL KIT - INCLUDES ITEMS 65 TO 67		
65		O RING	1	
66		O RING	1	
67		O RING	1	
68	27552	SPRING	1	
69	50067	SHIM - .010" (0,25mm) THICK	A.R.	
70	50066	SHIM - .020" (0,51mm) THICK	A.R.	
71	50065	SHIM - .040" (1,02mm) THICK	A.R.	
72		CAP	1	
73		BODY	1	
74		HYDRAULIC PUMP	REF.	SECTION 4 PAGES 1/2
75		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGES 7/8



ISSUE No.
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PRIMARY HYDRAULIC CIRCUIT - MODEL 710 THRU 760

SEPTEMBER 1986

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

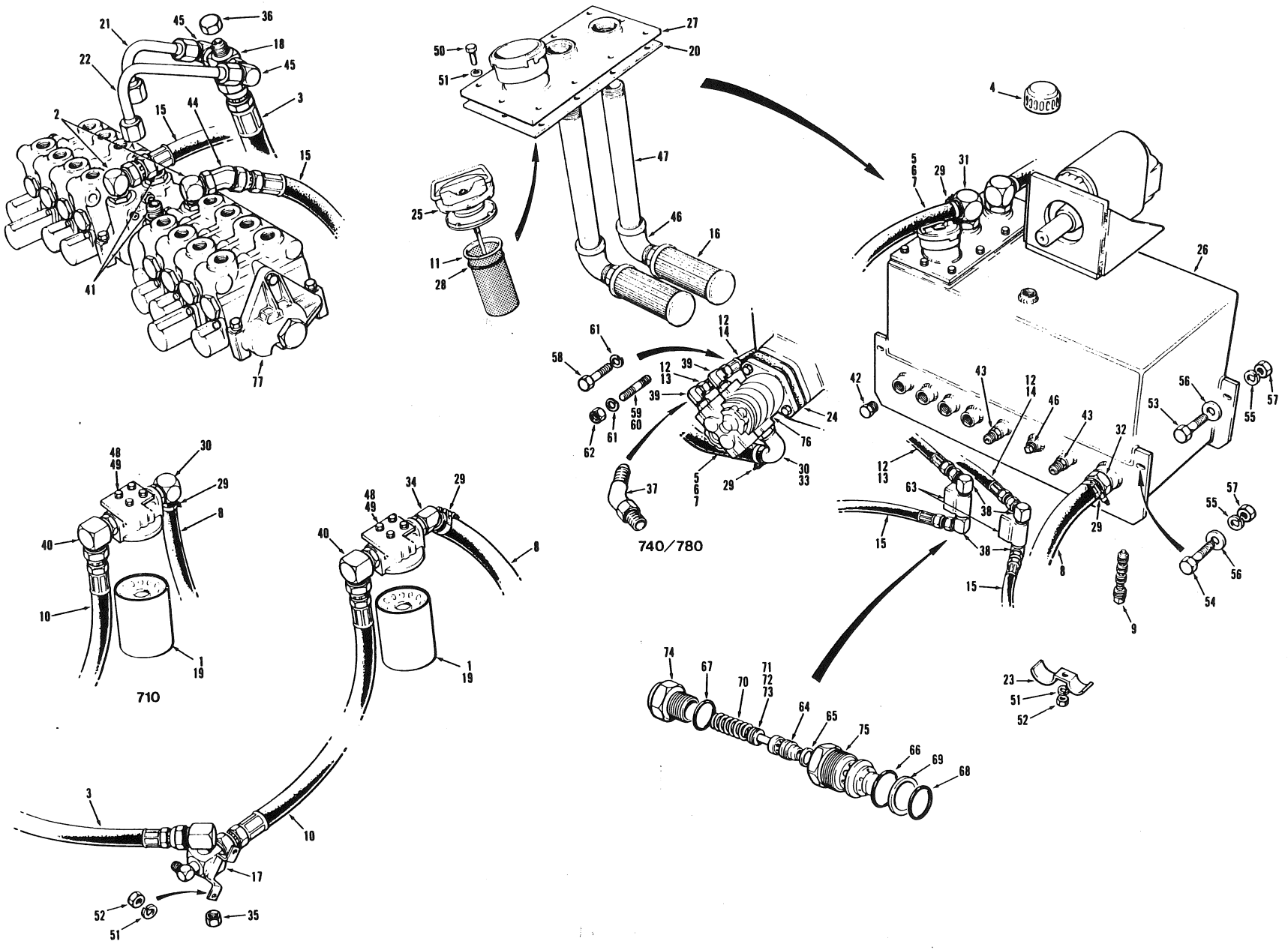
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NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2572-2 & UP

700 SERIES
SERIE 700

SECTION 4 PAGE 15
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	13028	FILTER ELEMENT - INCLUDES GASKET	1	
2	14292	CONNECTOR	2	
3	14379 X 90	HOSE	1	
4	16894	AIR BREATHER	1	
5	*17156 X 8.5	HOSE	1	710
6	17156 X 24	HOSE	1	
7	17156 X 67	HOSE	1	
8	24787	CLAMP	1	
9	27449	MAGNETIC PLUG	1	
10	27739 X 60	HOSE	1	
11	28008	STRAINER - INCLUDES ITEM 34	1	
12	28485 X 28	HOSE	1	740,760
13	28485 X 42	HOSE	1	740,760
			2	720,730
14	28485 X 212	HOSE	2	
15	*28696 X 36	HOSE	2	710
16	32668	STRAINER	2	
17	40219	HYDRAULIC OIL TANK	1	
18	40288	CROSS	1	
19	40290	CROSS	1	
20	40320	OIL FILTER - INCLUDES ITEM 1	1	
21	40425	GASKET	1	
22	40505	TUBE	1	
23	40506	TUBE	1	
24	40975	CLAMP	3	
25	41648 X 6	HOSE PROTECTOR	2	
26	41715 X 6	HOSE PROTECTOR	2	
27	41953	ADAPTER	1	740,760
28	42167	FILLER CAP - INCLUDES DIPSTICK	1	
29	42794	GASKET	1	
30	*43816	HYDRAULIC OIL TANK	1	710
31	*43817	ACCESS PLATE	1	710
32	50043	ACCESS PLATE	1	
33	50063	GASKET	1	740,760
34	12A-228	O RING	1	AS REQ'D
35	22A-200	CLAMP	4	
36	108A-2420	CONNECTOR	1	710
37	108A-2424	CONNECTOR	1	
38	108B-2420	CONNECTOR	1	710
39	108B-2424	CONNECTOR	1	710
40	108C-2424	CONNECTOR	1	
41	108G-2420	CONNECTOR	1	
42	108H-2420	CONNECTOR	1	
43	110E-08	CAP	1	
44	110E-12	CAP	1	
45	111A-1212	CONNECTOR	2	
46	111B-1210	CONNECTOR	4	
47	111B-1212	CONNECTOR	2	
48	111B-2420	CONNECTOR	1	
49	111E-1212	CONNECTOR	2	
50	111H-12	PLUG	3	
51	111P-1010	CONNECTOR	2	
52	112A-12	CONNECTOR	1	
53	112B-12	CONNECTOR	3	
54	115J-2424	ELBOW	2	
55	115Z-2420	NIPPLE	2	
56	50A-0508	BOLT	4	
57	14A-05	LOCKWASHER	4	
58	50A-0608	BOLT	10	
59	14A-06	LOCKWASHER	16	
60	30A-06	NUT	6	
61	50A-0810	BOLT	2	
62	50A-1016	BOLT	2	
63	50A-1018	BOLT	2	
64	14A-10	LOCKWASHER	8	
65	14C-10	FLATWASHER	4	
66	30A-10	NUT	4	
67	*350D-10025	BOLT	1	740,760
68	*350D-10050	BOLT	3	740,760
69	*354E-12090	STUD	2	710
70	*350A-12	NUT	2	710
		RELIEF VALVE ASSEMBLY		
71	40503	RELIEF VALVE ASSY. INCLUDES ITEMS 72 TO 82	2	
	27547	SERVICE KIT - INCLUDES ITEMS 72 & 73	A.R.	
72		POPPET	1	
73		PISTON RING	1	
	27551	SEAL KIT - INCLUDES ITEMS 74 TO 76	A.R.	
74		O RING	1	
75		O RING	1	
76		O RING	1	
77	27552	SPRING	1	
78	50067	SHIM - .010"(0.25mm)THICK	A.R.	
79	50066	SHIM - .020"(0.51mm)THICK	A.R.	
80	50065	SHIM - .040"(1.02mm)THICK	A.R.	
81		CAP	1	
82		BODY	1	
83		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
84		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

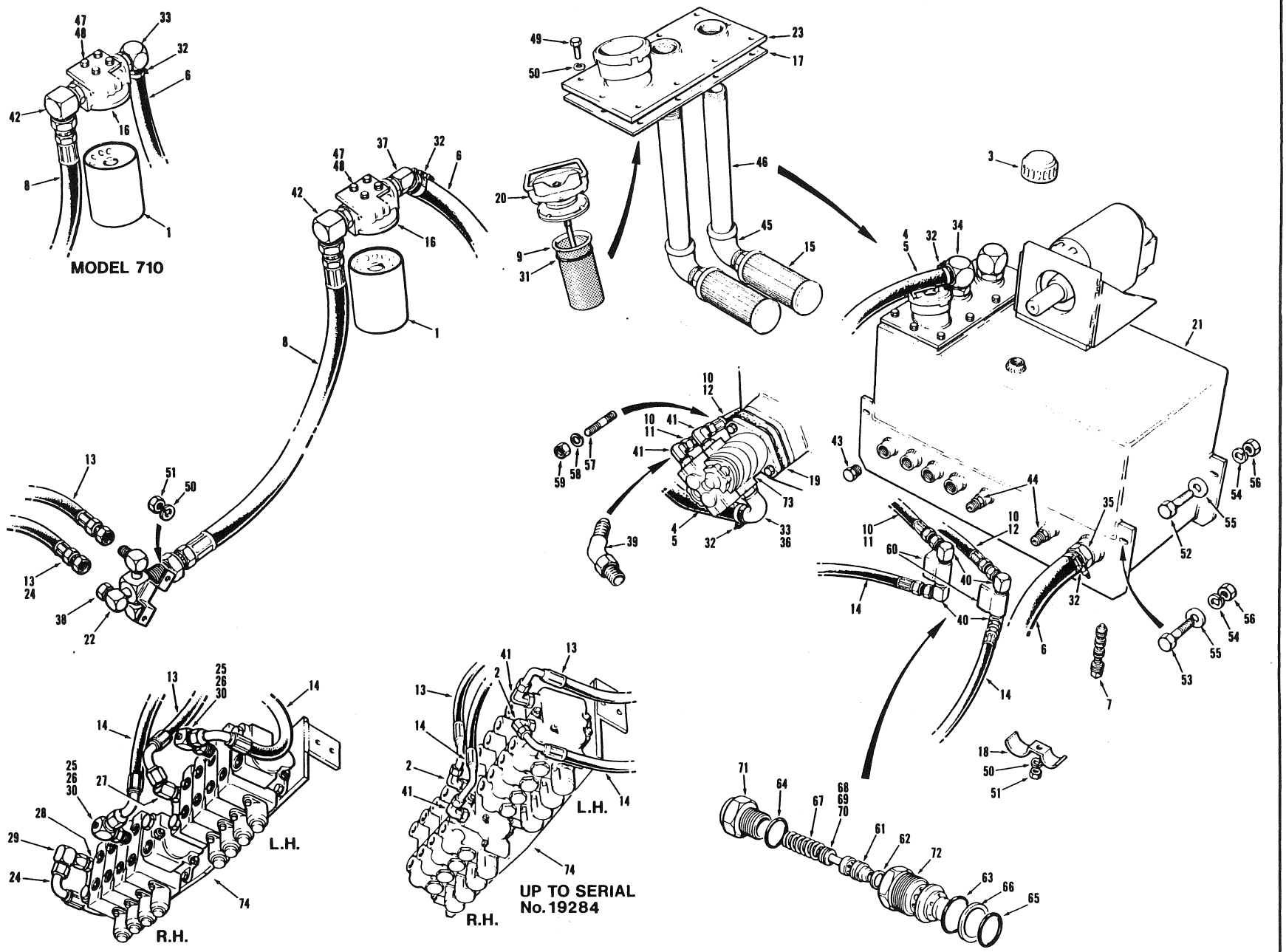
PRIMARY HYDRAULIC CIRCUIT - MODEL 710 THRU 780

AUGUST 1987

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	13028	FILTER ELEMENT - INCLUDES GASKET	1	
2	*14292	CONNECTOR	1	
3	14379 X 90	HOSE	1	
4	*16894	AIR BREATHER	1	
5	*17156 X 22	HOSE	1	LT-10-C
6	17156 X 24	HOSE	1	6CT 8.3
7	*17156 X 26	HOSE	1	6BT 5.9
8	17156 X 67	HOSE	1	
9	27449	MAGNETIC PLUG	1	
10	27739 X 60	HOSE	1	
11	28008	STRAINER - INCLUDES ITEM 28	1	
12	28485 X 28	HOSE	2	LT-10-C
13	28485 X 42	HOSE	1	
14	28485 X 47	HOSE	1	
15	28485 X 212	HOSE	2	
16	32668	STRAINER	2	
17	40288	CROSS	1	
18	40290	CROSS	1	
19	40320	OIL FILTER - INCLUDES ITEM 1	1	
20	40425	GASKET	1	
21	40505	TUBE	1	
22	40506	TUBE	1	
23	40854	CLAMP	3	
24	42794	GASKET	1	
25	*44672	FILLER CAP - INCLUDES DIPSTICK	1	
26	*45356	HYDRAULIC OIL TANK	1	
27	*50043	ACCESS PLATE	1	
28	12A-228	O RING	1	AS REQ'D
29	22A-200	CLAMP	4	
30	108A-2420	CONNECTOR	1	6BT/LT-10
31	108A-2424	CONNECTOR	1	
32	108C-2424	CONNECTOR	1	
33	108G-2420	CONNECTOR	1	6BT/6CT
34	*108H-2420	CONNECTOR	1	6CT/LT-10
35	110E-08	CAP	1	
36	110E-12	CAP	1	
37	*111A-1212	CONNECTOR	2	LT-10-C
38	111B-1210	CONNECTOR	4	
39	111B-1212	CONNECTOR	3	
40	111B-2420	CONNECTOR	1	
41	111E-1212	CONNECTOR	2	
42	111H-12	PLUG	A.R.	
43	111P-10	CONNECTOR	2	
44	112A-12	CONNECTOR	1	
45	112B-12	CONNECTOR	3	
46	115J-2424	ELBOW	2	
47	115Z-2420	NIPPLE	2	
48	50A-0508	BOLT	4	
49	14A-05	LOCKWASHER	4	
50	50A-0610	BOLT	10	
51	14A-06	LOCKWASHER	15	
52	30A-06	NUT	7	
53	50A-1016	BOLT	2	
54	50A-1018	BOLT	2	
55	14A-10	LOCKWASHER	4	
56	14C-10	FLATWASHER	4	
57	30A-10	NUT	4	
58	350A-12040	BOLT	2	LT-10-C
59	354E-12075	STUD	2	6BT5.9
60	354E-12090	STUD	2	6CT8.3
61	314A-12	LOCKWASHER	2	
62	330A-12	NUT	2	
		RELIEF VALVE ASSEMBLY		
63	40503	RELIEF VALVE ASSY. - INCLUDES ITEMS 64 TO 75	2	
	27547	SERVICE KIT - INCLUDES ITEMS 64 & 65	A.R.	
64		POPPET	1	
65		PISTON RING	1	
	*45549	SEAL KIT - INCLUDES ITEMS 66 TO 69		
66		O RING	1	
67		O RING	1	
68		O RING	1	
69		BACK UP WASHER	1	
70	27552	SPRING	1	
71	50067	SHIM - .010" (0,25mm) THICK	A.R.	
72	50066	SHIM - .020" (0,51mm) THICK	A.R.	
73	50065	SHIM - .040" (1,02mm) THICK	A.R.	
74		CAP	1	
75		BODY	1	
76		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
77		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8



EFFECTIVE SERIAL NUMBER(S) 18578, 18590, 18592 TO 20117
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 4 PAGE 15
SECCION PAGINA

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5 REVISION B

PRIMARY HYDRAULIC CIRCUIT - MODELS 710 THRU 740

SEPTEMBER 1989

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USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

SECTION / SECCION 4 | PAGE / PAGINA 16 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 5 REVISION B

PRIMARY HYDRAULIC CIRCUIT - MODELS 710 THRU 740

SEPTEMBER 1989

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	13028	FILTER ELEMENT - INCLUDES GASKET	1	
2	14292	CONNECTOR	2	UP TO S/N 19284
3	16894	AIR BREATHER	1	
4	17156X24	HOSE	1	720/730/740
5	17156X26	HOSE	1	710
6	17156X67	HOSE	1	
7	27449	MAGNETIC PLUG	1	
8	27739X60	HOSE	1	
9	28008	STRAINER - INCLUDES ITEM 31	1	
10	28485X28	HOSE	2	740
11	28485X42	HOSE	1	710/720/730
12	28485X47	HOSE	1	710/720/730
13	28696X24	HOSE	1 or 2	
14	28696X140	HOSE	2	
15	32668	STRAINER	2	
16	40320	OIL FILTER - INCLUDES ITEM 1	1	
17	40425	GASKET	1	
18	40854	CLAMP	3	
19	42794	GASKET	1	
20	44672	FILLER CAP - INCLUDES DIPSTICK	1	
21	45356	HYDRAULIC OIL TANK	1	
22	45942	CROSS	1	
23	50043	ACCESS PLATE	1	
24	28696X36	HOSE	1	S/N 19294 & UP
25	*49837	CONNECTOR	2	
26	*51286	CONNECTOR	2	
27	111A-1210	CONNECTOR	1	
28	111E-1210	CONNECTOR	1	
29	112B-12	ELBOW	1	
30	*51288	DUST CAP	2	
31	12A-228	O RING	1	
32	22A-200	CLAMP	4	
33	108A-2420	CONNECTOR	1	710/740
34	108A-2424	CONNECTOR	1	
35	108C-2424	CONNECTOR	1	
36	108G-2420	CONNECTOR	1	710/720/730
37	108H-2420	CONNECTOR	1	720/730/740
38	110E-12	CAP	1	
39	111A-1212	CONNECTOR	2	740
40	111B-1210	CONNECTOR	4	
41	111B-1212	CONNECTOR	A.R.	710 thru 740
42	111B-2420	CONNECTOR	1	
43	111H-12	PLUG	3	
44	111P-10	CONNECTOR	2	
45	115J-2424	ELBOW	2	
46	115Z-2420	NIPPLE	2	
47	50A-0508	BOLT	4	
48	14A-05	LOCKWASHER	4	
49	50A-0610	BOLT	10	
50	14A-06	LOCKWASHER	15	
51	30A-06	NUT	5	
52	50A-1016	BOLT	2	
53	50A-1018	BOLT	2	
54	14A-10	LCOKWASHER	4	
55	14C-10	FLATWASHER	4	
56	30A-10	NUT	4	
57	354E-12075	STUD	2	
58	314A-12	LOCKWASHER	2	
59	330A-12	NUT	2	
		RELIEF VALVE ASSEMBLY		
60	40504	RELIEF VALVE ASSY. - INCLUDES ITEMS 61 TO 72	2	
	27547	SERVICE KIT - INCLUDES ITEMS 61 & 62	A.R.	
61		POPPET	1	
62		PISTON RING	1	
	45549	SEAL KIT - INCLUDES ITEMS 63 TO 66	A.R.	
63		O RING	1	
64		O RING	1	
65		O RING	1	
66		BACK-UP WASHER	1	
67	27552	SPRING	1	
68	50067	SHIM - .010" (0,25mm) THICK	A.R.	
69	50066	SHIM - .020" (0,51mm) THICK	A.R.	
70	50065	SHIM - .040" (1,02mm) THICK	A.R.	
71		CAP	1	
72		BODY	1	
73		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
74		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

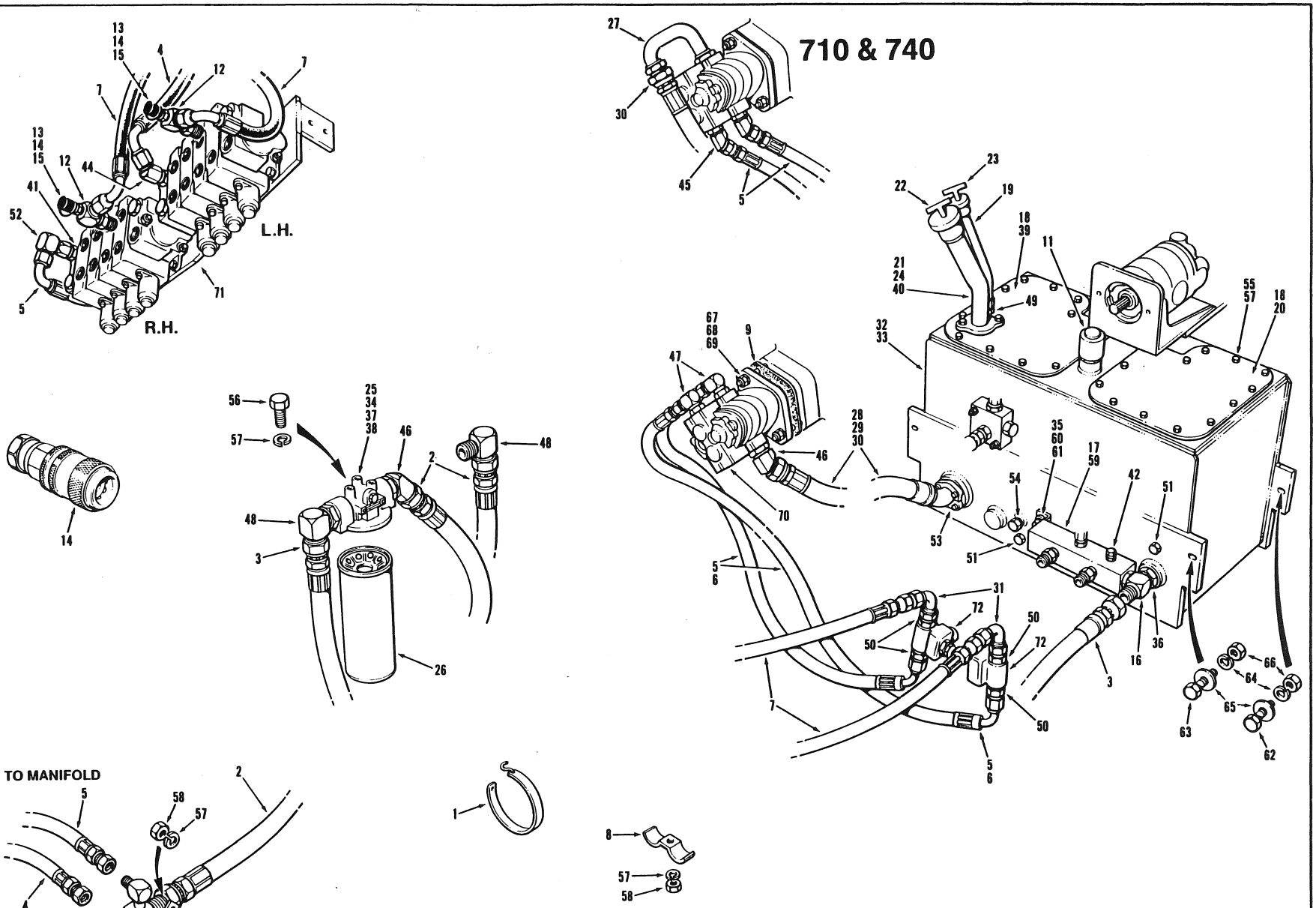
20121 TO 20804

700 SERIES
SERIE 700

SECTION 4 PAGE 15
SECCION 4 PAGINA 15

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

710 & 740



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Nº DE EDICION **6 REVISION A**

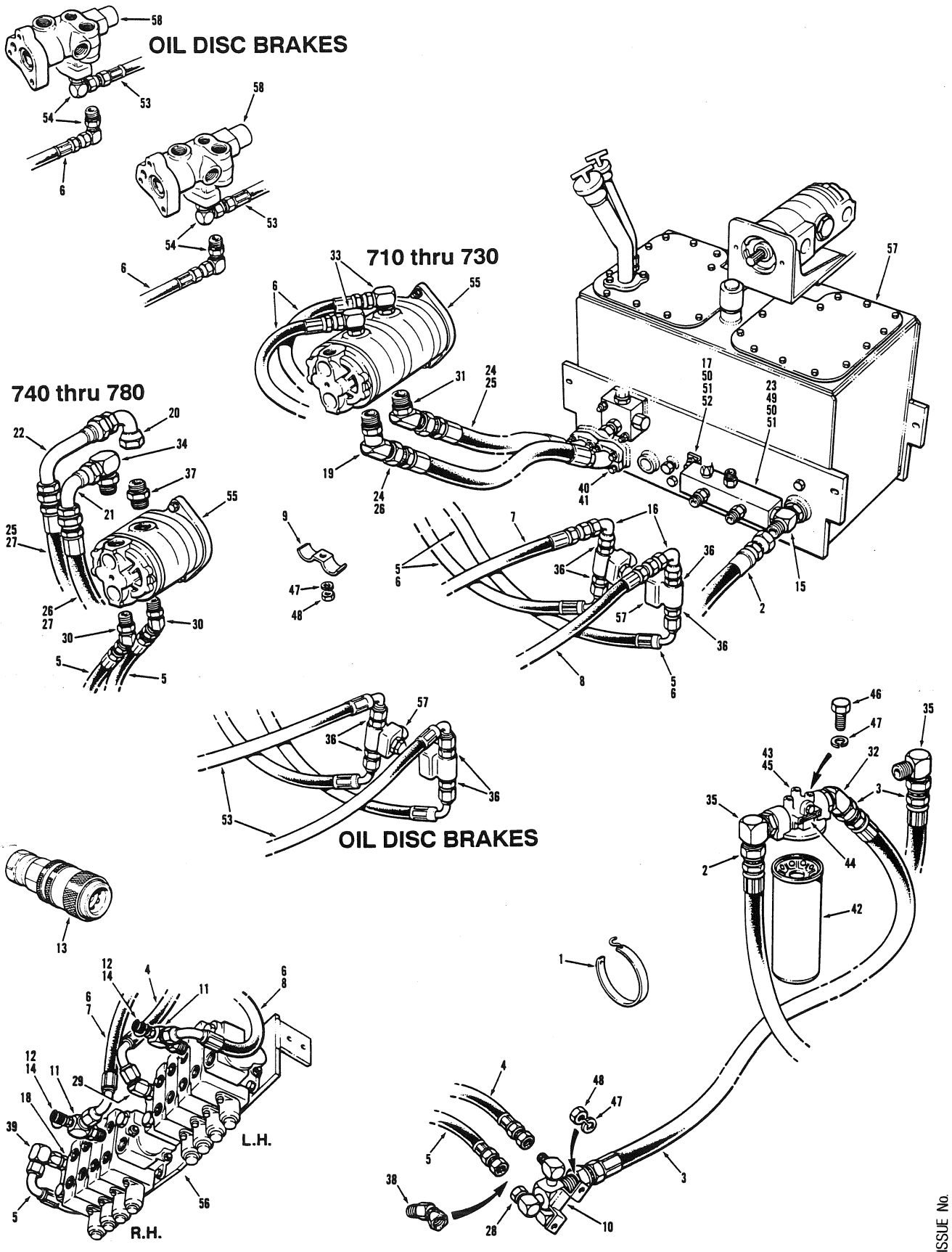
PRIMARY HYDRAULIC CIRCUIT - Models 710 thru 740

SEPTEMBER 1990

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	19588	STRAP	1	
2	*27739 x 90	HOSE	1	
3	27739 x 76	HOSE	1	
4	28696 x 24	HOSE	1	
5	28696 x 36	HOSE	1 or 3	
6	28696 x 55	HOSE	2	
7	28696 x 140	HOSE	2	
8	40854	CLAMP	1	
9	42794	GASKET	1	
10	45942	CROSS	1	
11	48878	BREATHER	1	
12	49837	CONNECTOR	2	
13	51286	QUICK DISCONNECT COUPLER - MALE	2	
14	51287	QUICK DISCONNECT COUPLER - FEMALE (FOR TESTING)	2	IN TOOLBOX
15	51288	DUST CAP	2	
16	53378	TEE	1	
17	53379	MANIFOLD	1	
18	53439	GASKET - COVER PLATE	2	
19	53466	NECK ASSEMBLY - DIP STICK	1	
20	53469	COVER PLATE - L.H.	1	
21	53488	GASKET - FILLER NECK	1	
22	53491	CAP	1	
23	53492	DIP STICK	1	
24	53495	STRAINER	1	
25	53510	**FILTER ASSEMBLY** - WITH INDICATOR - C/W ITEMS 26 & 37	1	
26	53527	FILTER ELEMENT	1	
27	53563	TUBE	1	740
28	53568 x 24	HOSE	1	720/730
29	53568 x 29.25	HOSE	1	710
30	53568 x 31.5	HOSE	1	740
31	53623	ELBOW	2	
32	54021	HYDRAULIC OIL TANK	1	
33	54040	MAGNETIC PLUG	1	
34	54041	**FILTER ASSEMBLY** - WITHOUT INDICATOR C/W ITEMS 26 & 38	1	
35	54055	BRACKET	?	
36	54137	DIFFUSER	1	
37	54171	HEAD - INDICATOR	1	
38	54172	HEAD - NO INDICATOR	1	
39	54352	COVER PLATE - R.H.	1	
40	54353	FILLTER NECK	2	
41	54416	CONNECTOR	1	
42	110E-04	CAP	1	
43	110E-12	CAP	1	
44	111A-1210	CONNECTOR	1	
45	111A-1212	CONNECTOR	2	740
46	111A-2420	CONNECTOR	1 or 2	
47	111B-1212	CONNECTOR	2	
48	111B-2420	CONNECTOR	1 or 2	
49	111E-0808	CONNECTOR	1	
50	111E-1212	CONNECTOR	4	
51	111H-08	PLUG	2	
52	112B-12	CONNECTOR	1	
53	114D-24	FLANGE - C/W O RING & HARDWARE	1	
54	115C-08	PLUG	1	
55	50A-0608	BOLT	26	
56	50A-0612	BOLT	3	
57	14A-06	LOCKWASHER	32	
58	30A-06	NUT	3	
59	50A-0808	BOLT	1	
60	14A-08	LOCKWASHER	1	
61	30A-08	NUT	1	
62	50A-1016	BOLT	2	
63	50A-1018	BOLT	2	
64	14A-10	LOCKWASHER	4	
65	14C-10	FLATWASHER	4	
66	30A-10	NUT	4	
67	354E-12075	STUD	2	
68	314A-12	LOCKWASHER	2	
69	330A-12	NUT	2	
70		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 1
71		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 7
72		RELIEF VALVE ASSEMBLY	REF.	SECTION 4 PAGE 13



MAIN HYDRAULIC CIRCUIT - Models 710 thru 780

AUGUST 1990

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 7

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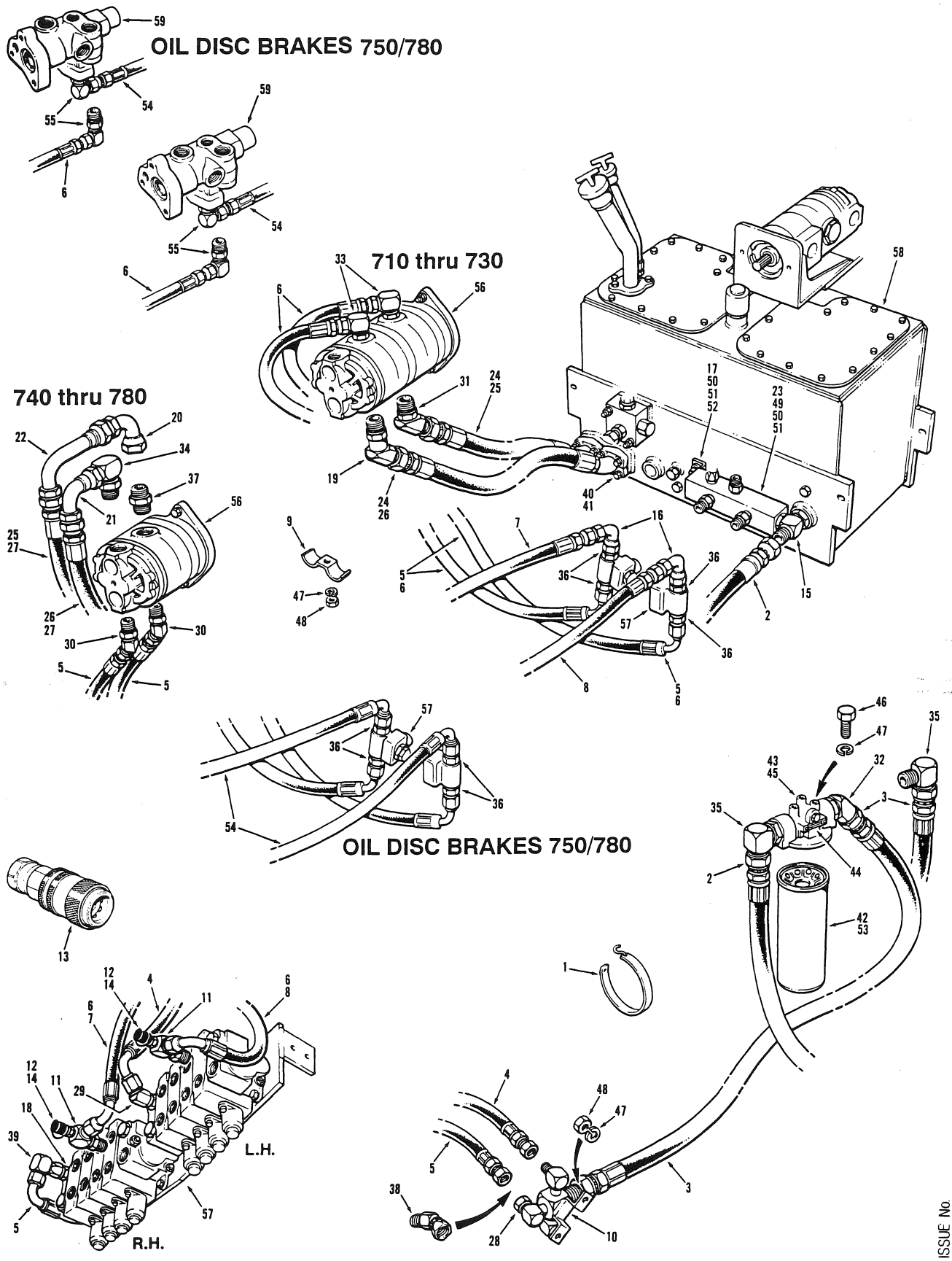
CHAMPION ROAD MACHINERY

EFFECTIVE SERIAL NUMBER(S) 20825 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

MAIN HYDRAULIC CIRCUIT - Models 710 thru 780

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	19588	STRAP	1	
2	27739 x 76	HOSE	1	
3	*27739 x 90	HOSE	1	720 thru 780
	*27739 x 72	HOSE	1	710
4	28696 x 24	HOSE	1	
5	28696 x 36	HOSE	1	710 thru 730
	28696 x 36	HOSE	3	740 thru 780
6	28696 x 55	HOSE	2 or 4	
7	*28696 x 120	HOSE	1	
8	28696 x 140	HOSE	1	
9	40854	CLAMP	1	
10	45942	CROSS	1	
11	49837	CONNECTOR	2	
12	51286	QUICK DISCONNECT COUPLER - MALE	2	
13	51287	QUICK DISCONNECT COUPLER - FEMALE (FOR TESTING)	1	IN TOOLBOX
14	51288	DUST CAP	2	
15	53378	TEE	1	
16	53623	ELBOW	2	
17	54055	BRACKET	1	
18	54416	CONNECTOR	1	
19	*54969	ELBOW	1	710 thru 730
20	*54993	ELBOW	1	
21	*54994	ELBOW	1	740 thru 780
22	*54995	ELBOW	1	
23	*54996	MANIFOLD	1	
24	*55028 x 26	HOSE	2	720 & 730
25	*55028 x 30	HOSE	1	710 & 740 thru 780 with OIL DISC BRAKES
26	*55028 x 31	HOSE	1	
27	*55028 x 32	HOSE	2	DRUM BRAKES
28	110E-12	CAP	1	
29	111A-1210	CONNECTOR	1	
30	111A-1212	CONNECTOR	2	740 thru 780
31	*111A-2020	CONNECTOR	1	710 thru 730
32	111A-2420	CONNECTOR	1	720 thru 780
33	111B-1212	CONNECTOR	2	710 thru 730
34	*111B-2020	CONNECTOR	1	740 thru 780
35	111B-2420	CONNECTOR	1 or 2	
36	111E-1212	CONNECTOR	4	
37	*111E-2020	CONNECTOR	1	740 thru 780
38	*112A-12	CONNECTOR	1	710
39	112B-12	CONNECTOR	1	
40	*114D-20	**FLANGE KIT** - C/W ITEM 41 & HARDWARE	2	
41	*12A-222	O RING	2	
	53510	**FILTER ASSEMBL Y** - INDICATOR - C/W ITEMS 42, 43 & 44	1	
42	53527	ELEMENT	1	
43	54171	HEAD - INDICATOR	1	
44	56824	BY-PASS INDICATOR	1	
	54041	**FILTER ASSEMBLY** - NO INDICATOR C/W ITEMS 42 & 45	1	
45	54172	HEAD - NO INDICATOR	1	
46	50A-0612	BOLT	3	
47	14A-06	LOCKWASHER	6	
48	30A-06	NUT	3	
49	50A-0808	BOLT	1	
50	14A-08	LOCKWASHER	2	
51	*14C-08	FLATWASHER	2	
52	30A-08	NUT	1	
53	28696 x 90	HOSE	2	OIL DISC BRAKES
54	111B-1216	CONNECTOR	4	
55		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 1
56		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 7
57		*HYDRAULIC OIL TANK & RELIEF VALVE ASSEMBLY	REF.	SECTION 4 PAGE 45
58		OIL DISC BRAKE VALVE	REF.	SECTION 9 PAGE 17



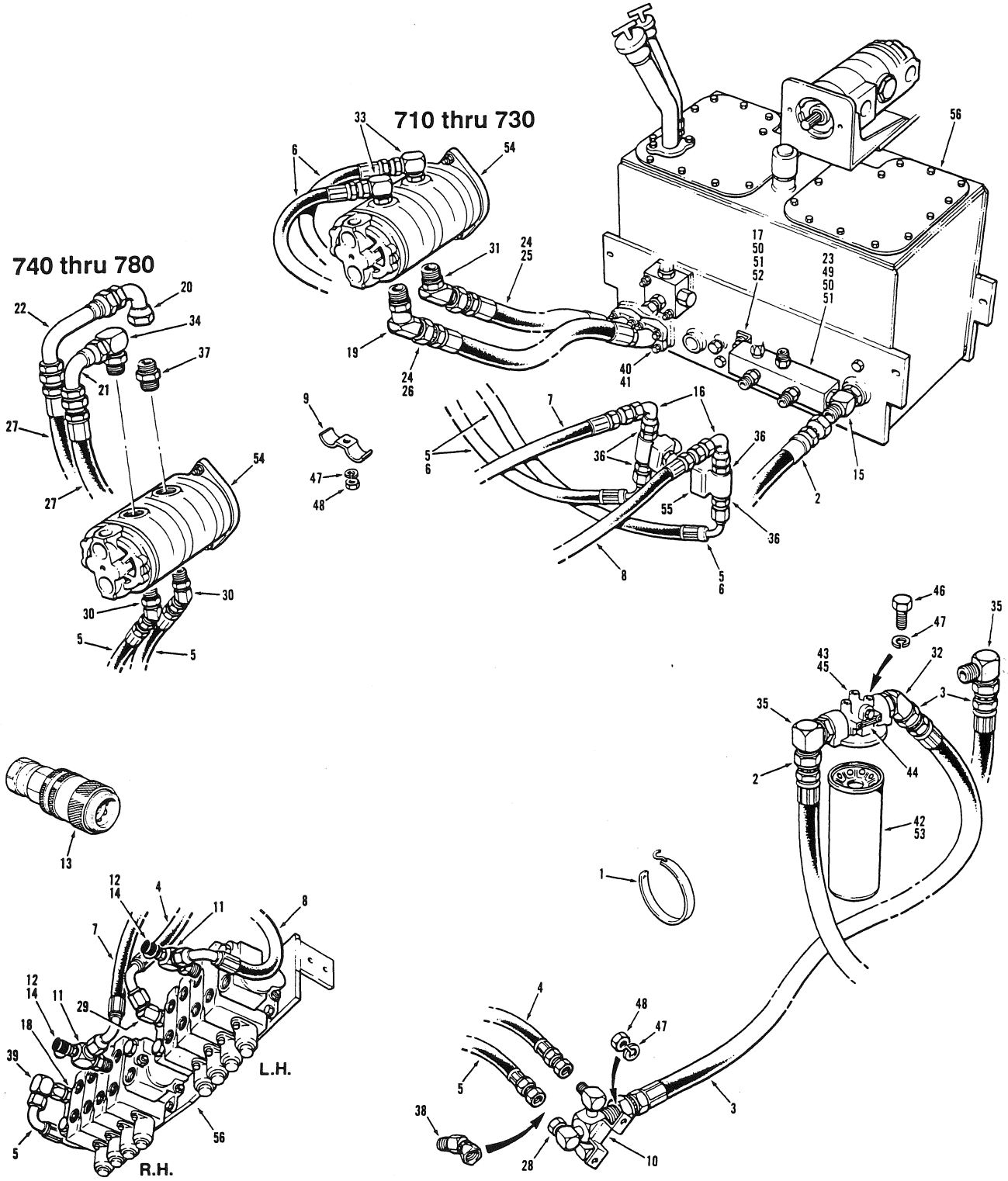
EFFECTIVE SERIAL NUMBER(S) 21134 to 21385
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

SECTION / SECCION **4** PAGE / PAGINA **16** ISSUE No. / N° D'ÉMISSION / N° DE EDICION **8 REVISION A**

MAIN HYDRAULIC CIRCUIT - Models 710 thru 780

FEBRUARY 1991

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	19588	STRAP	1	
2	27739 x 76	HOSE	1	
3	27739 x 90	HOSE	1	720 thru 780
	27739 x 72	HOSE	1	710
4	28696 x 24	HOSE	1	
5	28696 x 36	HOSE	1	710 thru 730
	28696 x 36	HOSE	3	740 thru 780
6	28696 x 55	HOSE	2 or 4	
7	28696 x 120	HOSE	1	
8	28696 x 140	HOSE	1	
9	40854	CLAMP	1	
10	45942	CROSS	1	
11	49837	CONNECTOR	2	
12	51286	QUICK DISCONNECT COUPLER - MALE	2	
13	51287	QUICK DISCONNECT COUPLER - FEMALE (FOR TESTING)	1	IN TOOLBOX
14	51288	DUST CAP	2	
15	53378	TEE	1	
16	53623	ELBOW	2	
17	54055	BRACKET	1	
18	54416	CONNECTOR	1	
19	54969	ELBOW	1	710 thru 730
20	54993	ELBOW	1	
21	54994	ELBOW	1	740 thru 780
22	54995	ELBOW	1	
23	54996	MANIFOLD	1	
24	55028 x 26	HOSE	2	720 & 730
25	55028 x 30	HOSE	1	710, 740, 750 & 780
26	55028 x 31	HOSE	1	
27	55028 x 32	HOSE	2	DRUM BRAKES
28	110E-12	CAP	1	
29	111A-1210	CONNECTOR	1	
30	111A-1212	CONNECTOR	2	740 thru 780
31	111A-2020	CONNECTOR	1	710 thru 730
32	111A-2420	CONNECTOR	1	720 thru 780
33	111B-1212	CONNECTOR	2	710 thru 730
34	111B-2020	CONNECTOR	1	740 thru 780
35	111B-2420	CONNECTOR	1 or 2	
36	111E-1212	CONNECTOR	4	
37	111E-2020	CONNECTOR	1	740 thru 780
38	112A-12	CONNECTOR	1	710
39	112B-12	CONNECTOR	1	
40	114D-20	**FLANGE KIT** - C/W ITEM 41 & HARDWARE	2	
41	12A-222	O-RING	2	
	53510	**FILTER ASSEMBL Y** - INDICATOR - C/W ITEMS 42, 43, 44 & 53	1	
42	53527	ELEMENT	1	
43	54171	HEAD - INDICATOR	1	
44	56824	BY-PASS INDICATOR	1	
	54041	**FILTER ASSEMBLY** - NO INDICATOR C/W ITEMS 42, 45 & 53	1	
45	54172	HEAD - NO INDICATOR	1	
46	50A-0612	BOLT	3	
47	14A-06	LOCKWASHER	6	
48	30A-06	NUT	3	
49	50A-0808	BOLT	1	
50	14A-08	LOCKWASHER	2	
51	14C-08	FLATWASHER	2	
52	30A-08	NUT	1	
53	58430	O-RING	1	
54	28696 x 90	HOSE	2	OIL DISC BRAKES
55	111B-1216	CONNECTOR	4	
56		HYDRAULIC PUMP	REF.	Sect 4 Pg 1
57		MANIFOLD VALVE ASSEMBLY	REF.	Sect 4 Pg 7
58		HYDRAULIC OIL TANK & RELIEF VALVE ASSEMBLY	REF.	Sect 4 Pg 45
59		OIL DISC BRAKE VALVE	REF.	Sect 9 Pg 17



MAIN HYDRAULIC CIRCUIT - Models 710 thru 780

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 9

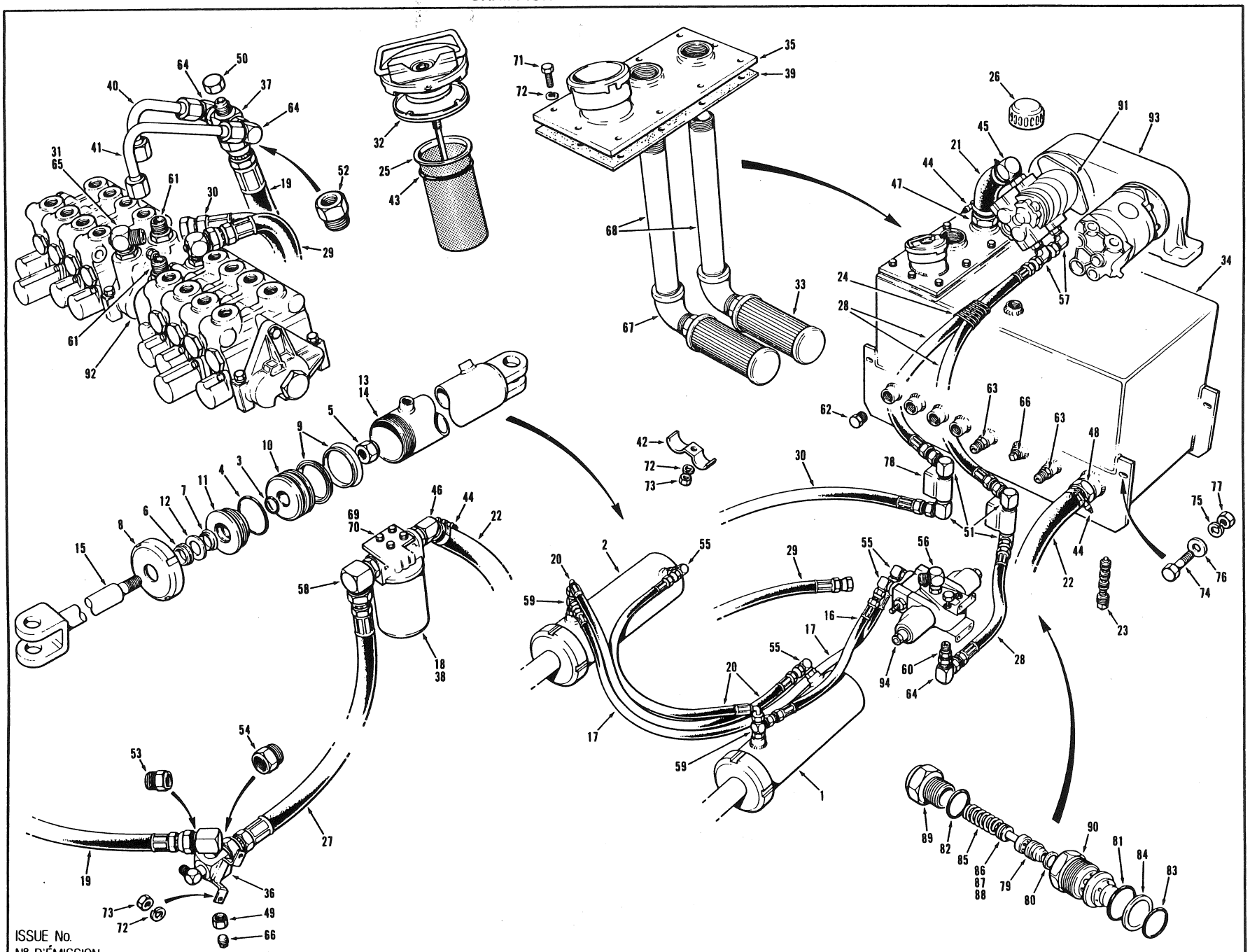
EFFECTIVE SERIAL NUMBER(S) 21386 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

SECTION / SECCION 4 | PAGE / PAGINA 16 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 9

MAIN HYDRAULIC CIRCUIT - Models 710 thru 780

FEBRUARY 1991

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	19588	STRAP	1	
2	27739 x 76	HOSE	1	
3	27739 x 90	HOSE	1	720 thru 780
	27739 x 72	HOSE	1	710
4	28696 x 24	HOSE	1	
5	28696 x 36	HOSE	1	710 thru 730
	28696 x 36	HOSE	3	740 thru 780
6	28696 x 55	HOSE	2	710 thru 730
7	28696 x 120	HOSE	1	
8	28696 x 140	HOSE	1	
9	40854	CLAMP	1	
10	45942	CROSS	1	
11	49837	CONNECTOR	2	
12	51286	QUICK DISCONNECT COUPLER - MALE	2	
13	51287	QUICK DISCONNECT COUPLER - FEMALE (FOR TESTING)	1	In Toolbox
14	51288	DUST CAP	2	
15	53378	TEE	1	
16	53623	ELBOW	2	
17	54055	BRACKET	1	
18	54416	CONNECTOR	1	
19	54969	ELBOW	1	710 thru 730
20	54993	ELBOW	1	
21	54994	ELBOW	1	740 thru 780
22	54995	ELBOW	1	
23	54996	MANIFOLD	1	
24	55028 x 26	HOSE	2	720 & 730
25	55028 x 30	HOSE	1	710
26	55028 x 31	HOSE	1	710
27	55028 x 32	HOSE	2	740, 750, 780
28	110E-12	CAP	1	
29	111A-1210	CONNECTOR	1	
30	111A-1212	CONNECTOR	2	740 thru 780
31	111A-2020	CONNECTOR	1	710 thru 730
32	111A-2420	CONNECTOR	1	720 thru 780
33	111B-1212	CONNECTOR	2	710 thru 730
34	111B-2020	CONNECTOR	1	740 thru 780
35	111B-2420	CONNECTOR	1 or 2	
36	111E-1212	CONNECTOR	4	
37	111E-2020	CONNECTOR	1	740 thru 780
38	112A-12	CONNECTOR	1	710
39	112B-12	CONNECTOR	1	
40	114D-20	FLANGE KIT - C/W ITEM 41 & HARDWARE	2	
41	12A-222	O-RING	2	
	53510	FILTER ASSEMBLY - INDICATOR - C/W ITEMS 42, 43, 44 & 53	1	
42	53527	ELEMENT	1	
43	54171	HEAD - INDICATOR	1	
44	56824	BY-PASS INDICATOR	1	
	54041	FILTER ASSEMBLY - NO INDICATOR C/W ITEMS 42, 45 & 53	1	
45	54172	HEAD - NO INDICATOR	1	
46	50A-0612	BOLT	3	
47	14A-06	LOCKWASHER	6	
48	30A-06	NUT	3	
49	50A-0808	BOLT	1	
50	14A-08	LOCKWASHER	2	
51	14C-08	FLATWASHER	2	
52	30A-08	NUT	1	
53	58430	O-RING	1	
54		HYDRAULIC PUMP	REF.	Sect 4 Pg 1
55		MANIFOLD VALVE ASSEMBLY	REF.	Sect 4 Pg 7
56		HYDRAULIC OIL TANK & RELIEF VALVE ASSEMBLY	REF.	Sect 4 Pg 45



FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224, 16245 TO 16785
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 TO 2419-2

700 SERIES
SERIE 700

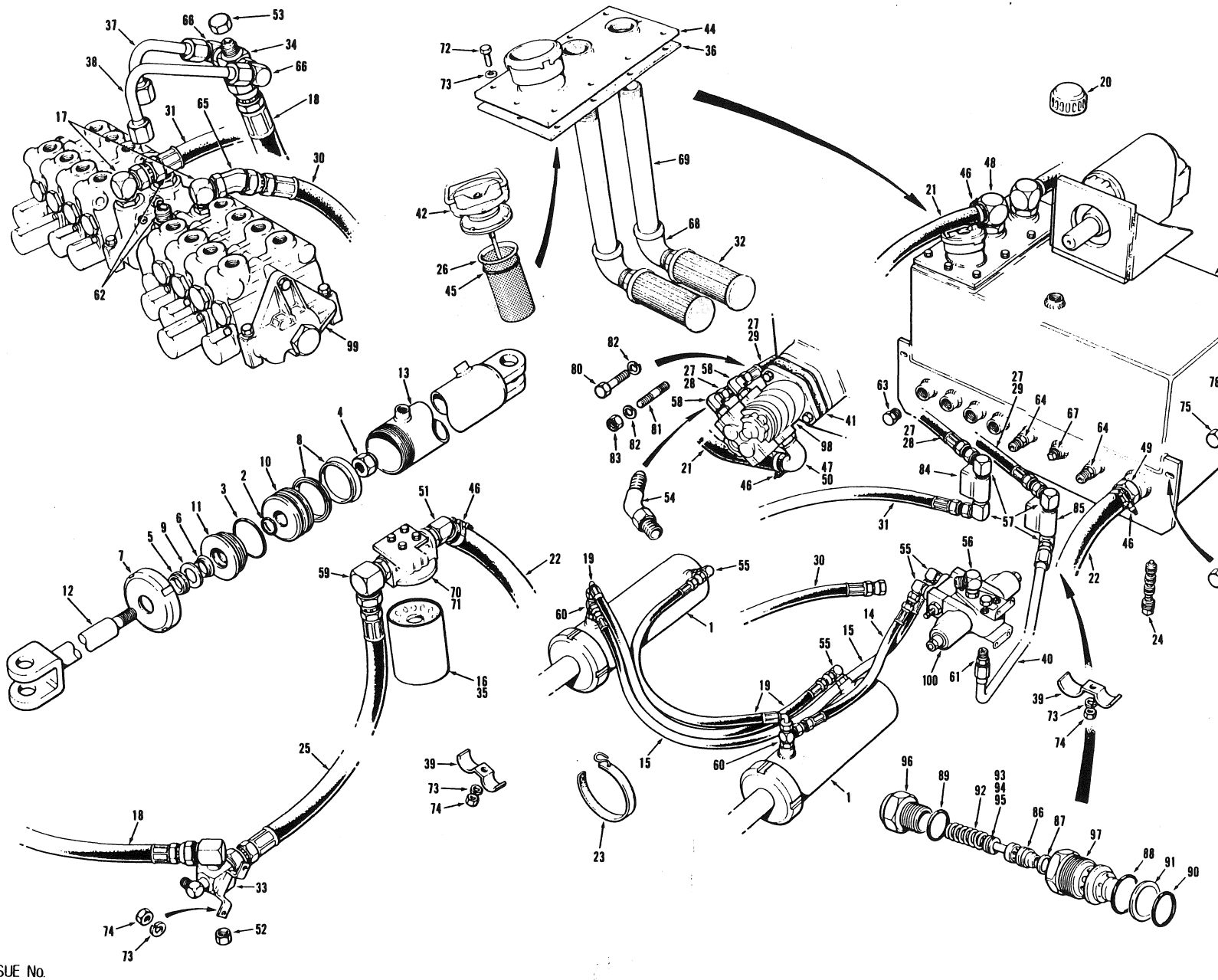
SECTION 4 PAGE 17
SECCION PAGINA

USE ONLY CHAMPION APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

PRIMARY HYDRAULIC CIRCUIT - MODEL 720A THRU 740A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	24166	ARTICULATION CYLINDER ASSEMBLY - L.H. - INCLUDES ITEMS 3 TO 13 & 15	1	
2	24167	ARTICULATION CYLINDER ASSEMBLY - R.H. - INCLUDES ITEMS 3 TO 12,14 & 15	1	
3	12A-218	O RING	1	
4	12A-425	O RING	1	
5	37P-20	LOCKNUT	1	
6	12035	WIPER RING	1	
7	12037	ROD SEAL	1	
8	13007	CYLINDER NUT	1	
9	16999	PISTON SEAL	2	
10	17611	PISTON	1	
11	17612	GLAND	1	
12	17614	WASHER	1	
13	23975	CYLINDER BARREL - L.H.	1	
14	23976	CYLINDER BARREL - R.H.	1	
15	23978	PISTON ROD	1	
	26410	REPAIR KIT FOR 24166 & 24167 CYL. ASSY. - INCLUDES ITEMS 3 TO 7, 9 & 12	A.R.	
16	9313 X 28	HOSE	1	
17	9313 X 53.5	HOSE	1	
18	13028	FILTER ELEMENT - INCLUDES GASKET	1	
19	14379 X 90	HOSE	1	
20	14382 X 36	HOSE	2	
21	17156 X 8	HOSE	1	
22	17156 X 80	HOSE	1	
23	27449	MAGNETIC PLUG	1	
24	27455	HOSE PROTECTOR	1	
25	28008	STRAINER - INCLUDES ITEM 43	1	
26	28081	AIR BREATHER	1	
27	27739 X 109	HOSE	1	
28	28485 X 28	HOSE	3	
29	28485 X 188	HOSE	1	
30	28485 X 212	HOSE	1	
31	32589	ELBOW - C/W ITEM 65	2	
32	32667	FILLER CAP - INCLUDES DIPSTICK	1	
33	32668	STRAINER	2	
34	40219	HYDRAULIC OIL TANK	1	
35	40236	ACCESS PLATE	1	
36	40288	MALE CROSS	1	
37	40290	MALE CROSS	1	
38	40320	OIL FILTER - C/W ITEM 18	1	
39	40425	GASKET	1	
40	40505	TUBE	1	
41	40506	TUBE	1	
42	40975	CLAMP	A.R.	
43	12A-228	O RING	1	AS REQ'D
44	22A-200	CLAMP	4	
45	108A-2420	CONNECTOR	2	
46	108B-2420	CONNECTOR	1	
47	108C-2420	CONNECTOR	1	
48	108C-2424	CONNECTOR	1	
49	110E-08	CAP	1	
50	110E-12	CAP	1	
51	110R-1212	CONNECTOR	4	
52	110AH-2012	ADAPTER	A.R.	
53	110AH-2016	ADAPTER	A.R.	
54	110AH-2420	ADAPTER	A.R.	
55	111B-0808	ELBOW	4	
56	111B-1208	ELBOW	1	
57	111B-1212	ELBOW	2	
58	111B-2420	ELBOW	1	
59	111D-0808	TEE	2	
60	111E-1208	CONNECTOR	1	
61	111E-1212	CONNECTOR	2	
62	111H-12	PLUG	A.R.	
63	111M-0810	CONNECTOR	2	
64	112B-1212	ELBOW	2	
65	115D-02	PLUG	2	
66	115E-08	PLUG	1	
67	115J-2424	ELBOW	2	
68	115Z-2420	NIPPLE	2	
69	50A-0508	BOLT	4	
70	14A-05	LOCKWASHER	4	
71	50A-0608	BOLT	10	
72	14A-06	LOCKWASHER	A.R.	
73	30A-06	NUT	A.R.	
74	50A-1016	BOLT	4	
75	14A-10	LOCKWASHER	4	
76	14C-10	FLATWASHER	4	
77	30A-10	NUT	4	
		RELIEF VALVE ASSEMBLY		
78	27942	RELIEF VALVE ASSY. - INCLUDES ITEMS 79 TO 89	2	
	27547	SERVICE KIT - INCLUDES ITEMS 79 & 80	A.R.	
79		POPPET	1	
80		PISTON RING	1	
	27551	SEAL KIT - INCLUDES ITEMS 81 TO 84	A.R.	
81		O RING	1	
82		O RING	1	
83		O RING	1	
84		BACK-UP RING	1	
85	27552	SPRING	1	
86	50067	SHIM - .010" (0,25 mm) THICK	A.R.	
87	50066	SHIM - .020"(0,51 mm)THICK	A.R.	
88	50065	SHIM - .040" (1,02 mm) THICK	A.R.	
89		CAP	1	
90		BODY	1	
91		HYDRAULIC PUMP	REF.	SECTION 4 PAGES 1/2
92		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGES 7/8
93		PUMP GEARBOX ASSEMBLY	REF.	SECTION 4 PAGES 23/24
94		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGES 33/34



ISSUE No.
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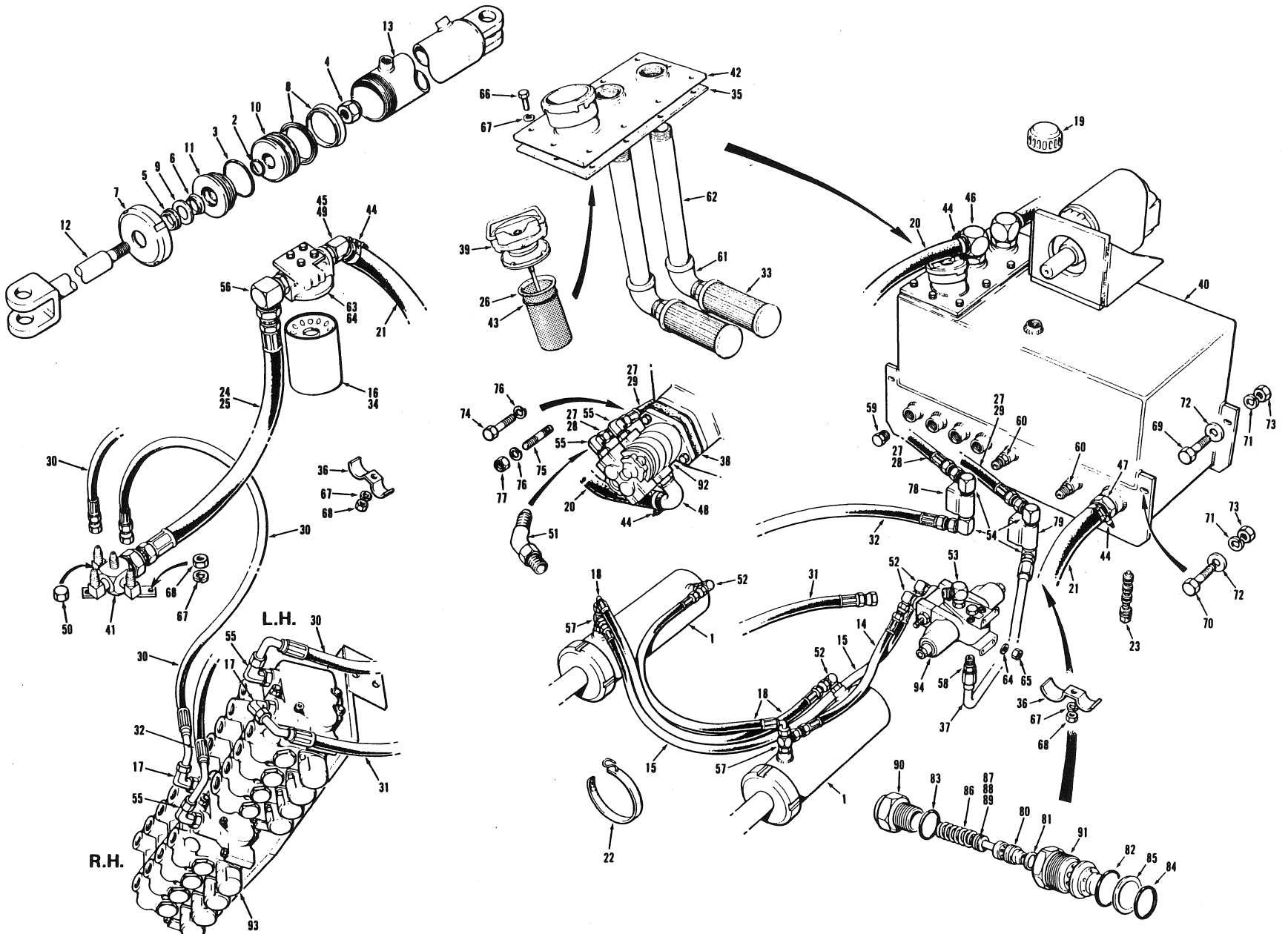
PRIMARY HYDRAULIC CIRCUIT - MODEL 720A THRU 740A

AUGUST 1987

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION APPROVED PARTS

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	41928	ARTICULATION CYLINDER ASSEMBLY INCLUDES ITEMS 2 TO 13	2	
2	12A-218	O RING	1	
3	*44245	O RING	1	
4	37N-20	LOCKNUT	1	
5	12035	WIPER RING	1	
6	12037	ROD SEAL	1	
7	13007	CYLINDER NUT	1	
8	16999	PISTON SEAL	2	
9	*17614	WASHER	1	
10	17611	PISTON	1	
11	17612	GLAND	1	
12	23978	PISTON ROD	1	
13	41929	CYLINDER BARREL	1	
	26410	REPAIR KIT FOR 41928 CYL. ASSY. - INCLUDES ITEMS 2 TO 6,8 & 9	A.R.	
14	9313 X 28	HOSE	1	
15	9313 X 53.5	HOSE	1	
16	13028	FILTER ELEMENT - INCLUDES GASKET	1	
17	*14292	CONNECTOR	1	
18	14379 X 90	HOSE	1	
19	14382 X 36	HOSE	2	
20	16894	AIR BREATHER	1	
21	17156 X 24	HOSE	1	
22	17156 X 67	HOSE	1	
23	19588	STRAP	2	
24	27449	MAGNETIC PLUG	1	
25	27739 X 109	HOSE	1	
26	28008	STRAINER - INCLUDES ITEM 45	1	
27	28485 X 28	HOSE	1	LT-10-C
28	28485 X 42	HOSE	1	6CT8.3
29	28485 X 47	HOSE	1	6CT8.3
30	28485 X 188	HOSE	1	
31	28485 X 212	HOSE	1	
32	32668	STRAINER	2	
33	40288	MALE CROSS	1	
34	40290	MALE CROSS	1	
35	40320	OIL FILTER - C/W ITEM 16	1	
36	40425	GASKET	1	
37	40505	TUBE	1	
38	40506	TUBE	1	
39	*40854	CLAMP	3	
40	42292	TUBE	1	
41	42794	GASKET	1	
42	44672	FILLER CAP - INCLUDES DIPSTICK	1	
43	*45356	HYDRAULIC OIL TANK	1	
44	*50043	ACCESS PLATE	1	
45	12A-228	O RING	1	AS REQ'D
46	22A-200	CLAMP	4	
47	108A-2420	CONNECTOR	1	LT-10-C
48	108A-2424	CONNECTOR	2	
49	108C-2424	CONNECTOR	1	
50	108G-2420	CONNECTOR	1	
51	108H-2420	CONNECTOR	1	
52	110E-08	CAP	1	
53	110E-12	CAP	1	
54	111A-1212	CONNECTOR	2	LT-10-C
55	111B-0808	CONNECTOR	4	
56	111B-1208	CONNECTOR	1	
57	111B-1210	CONNECTOR	4	
58	111B-1212	CONNECTOR	2	6CT8.3
59	111B-2420	CONNECTOR	1	
60	111D-0808	TEE	2	
61	111E-1208	CONNECTOR	1	
62	111E-1212	CONNECTOR	2	
63	111H-12	PLUG	A.R.	
64	111P-12	CONNECTOR	2	
65	112A-12	CONNECTOR	1	
66	112B-12	CONNECTOR	2	
67	115E-08	PLUG	1	
68	115J-2424	ELBOW	2	
69	115Z-2420	NIPPLE	2	
70	50A-0508	BOLT	4	
71	14A-05	LOCKWASHER	4	
72	50A-0610	BOLT	10	
73	14A-06	LOCKWASHER	A.R.	
74	30A-06	NUT	A.R.	
75	50A-1016	BOLT	2	
76	50A-1018	BOLT	2	
77	14A-10	LOCKWASHER	4	
78	14C-10	FLATWASHER	4	
79	30A-10	NUT	4	
80	*350A-12040	BOLT	2	
81	*354E-12075	STUD	2	
82	*314A-12	LOCKWASHER	2	
83	330A-12	NUT	2	
		RELIEF VALVE ASSEMBLY		
84	40503	RELIEF VALVE ASSY. - INCLUDES ITEMS 86 TO 97	1	
85	40504	RELIEF VALVE ASSY. - INCLUDES ITEMS 86 TO 97	1	
	27547	SERVICE KIT- INCLUDES ITEMS 86 & 87	A.R.	
86		POPPET	1	
87		PISTON RING	1	
	*45549	SEAL KIT - INCLUDES ITEMS 88 TO 91	A.R.	
88		O RING	1	
89		O RING	1	
90		O RING	1	
91		BACK UP WASHER	1	
92	27552	SPRING	1	
93	50067	SHIM - .010"(0,25mm)THICK	A.R.	
94	50066	SHIM - .020"(0,51mm)THICK	A.R.	
95	50065	SHIM - .040"(1,02mm)THICK	A.R.	
96		CAP	1	
97		BODY	1	
98		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
99		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
100		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGE 34



ISSUE No.
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PRIMARY HYDRAULIC CIRCUIT - MODEL 720A THRU 740A

FEBRUARY 1988

FOR LIST OF PARTS - TURN THIS PAGE

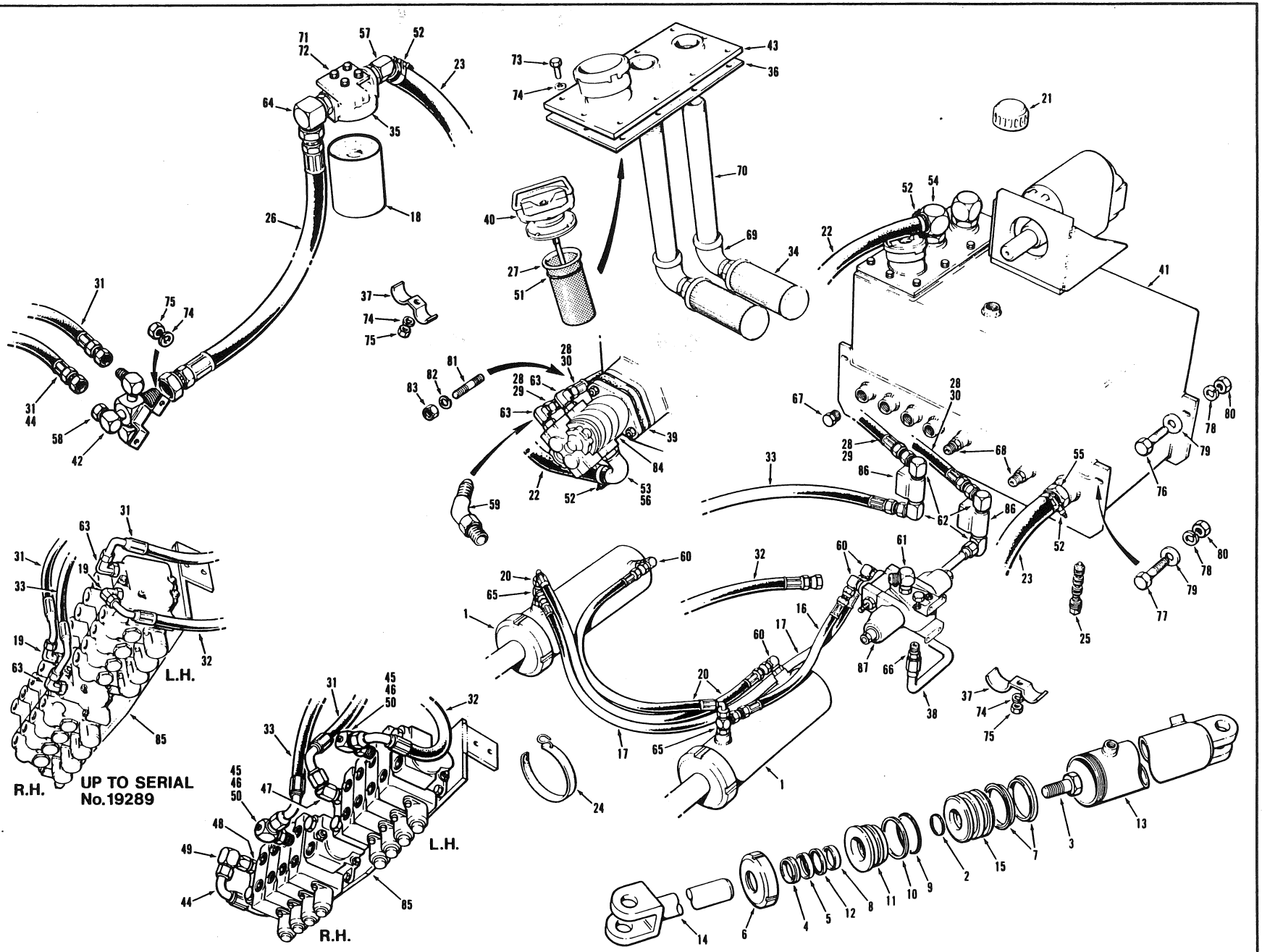
POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	41928	ARTICULATION CYLINDER ASSEMBLY INCLUDES ITEMS 2 TO 13	2	
2	12A-218	O RING	1	
3	44245	O RING	1	
4	37N-20	LOCKNUT	1	
5	12035	WIPER RING	1	
6	12037	ROD SEAL	1	
7	13007	CYLINDER NUT	1	
8	16999	PISTON SEAL	2	
9	17614	WASHER	1	
10	17611	PISTON	1	
11	17612	GLAND	1	
12	23978	PISTON ROD	1	
13	41929	CYLINDER BARREL	1	
	26410	REPAIR KIT FOR 41928 CYL. ASSY. - INCLUDES ITEMS 2 TO 6,8 & 9	A.R.	
14	9313 X 28	HOSE	1	
15	9313 X 53.5	HOSE	1	
16	13028	FILTER ELEMENT - INCLUDES GASKET	1	
17	14292	CONNECTOR	2	
18	14382 X 36	HOSE	2	
19	16894	AIR BREATHER	1	
20	17156 X 24	HOSE	1	
21	17156 X 67	HOSE	1	
22	19588	STRAP	2	
23	27449	MAGNETIC PLUG	1	
24	†27739 X 60	HOSE	1	6CT8.3
25	27739 X 109	HOSE	1	LT-10-C
26	28008	STRAINER - INCLUDES ITEM 43	1	
27	28485 X 28	HOSE	2	LT-10-C
28	28485 X 42	HOSE	1	6CT8.3
29	28485 X 47	HOSE	1	6CT8.3
30	*28696 X 24	HOSE	2	
31	†28696 X 120	HOSE	1	
32	†28696 X 140	HOSE	1	
33	32668	STRAINER	2	
34	40320	OIL FILTER - C/W ITEM 16	1	
35	40425	GASKET	1	
36	40854	CLAMP	3	
37	42292	TUBE	1	
38	42794	GASKET	1	
39	44672	FILLER CAP - INCLUDES DIPSTICK	1	
40	45356	HYDRAULIC OIL TANK	1	
41	*45942	CROSS	1	
42	50043	ACCESS PLATE	1	
43	12A-228	O RING	1	AS REQ'D
44	22A-200	CLAMP	4	
45	108A-2420	CONNECTOR	1	6CT8.3
46	108A-2424	CONNECTOR	2	
47	108C-2424	CONNECTOR	1	
48	108G-2420	CONNECTOR	1	
49	108H-2420	CONNECTOR	1	LT-10-C
50	110E-12	CAP	1	
51	111A-1212	CONNECTOR	2	LT-10-C
52	111B-0808	CONNECTOR	4	
53	111B-1208	CONNECTOR	1	
54	111B-1210	CONNECTOR	4	
55	111B-1212	CONNECTOR	4	6CT8.3
			2	LT-10-C
56	111B-2420	CONNECTOR	1	
57	111D-0808	TEE	2	
58	111E-1208	CONNECTOR	1	
59	111H-12	PLUG	A.R.	
60	*111P-10	CONNECTOR	2	
61	115J-2424	ELBOW	2	
62	115Z-2420	NIPPLE	2	
63	50A-0508	BOLT	4	
64	14A-05	LOCKWASHER	8	
65	30A-05	NUT	4	
66	50A-0610	BOLT	10	
67	14A-06	LOCKWASHER	15	
68	30A-06	NUT	5	
69	50A-1016	BOLT	2	
70	50A-1018	BOLT	2	
71	14A-10	LOCKWASHER	4	
72	14C-10	FLATWASHER	4	
73	30A-10	NUT	4	
74	350A-12040	BOLT	2	
75	354E-12075	STUD	2	
76	314A-12	LOCKWASHER	2	
77	330A-12	NUT	2	
		RELIEF VALVE ASSEMBLY		
78	40503	RELIEF VALVE ASSY. - INCLUDES ITEMS 80 TO 91	1	
79	40504	RELIEF VALVE ASSY. - INCLUDES ITEMS 80 TO 91	1	
	27547	SERVICE KIT- INCLUDES ITEMS 80 & 81	A.R.	
80		POPPET	1	
81		PISTON RING	1	
	45549	SEAL KIT - INCLUDES ITEMS 82 TO 85	A.R.	
82		O RING	1	
83		O RING	1	
84		O RING	1	
85		BACK UP WASHER	1	
86	27552	SPRING	1	
87	50067	SHIM - .010"(0,25mm)THICK	A.R.	
88	50066	SHIM - .020"(0,51mm)THICK	A.R.	
89	50065	SHIM - .040"(1,02mm)THICK	A.R.	
90		CAP	1	
91		BODY	1	
92		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
93		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
94		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGE 38

EFFECTIVE SERIAL NUMBER(S) 19237 UP TO 19493
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

PRIMARY HYDRAULIC CIRCUIT - MODELS 720A THRU 740A

MARCH 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

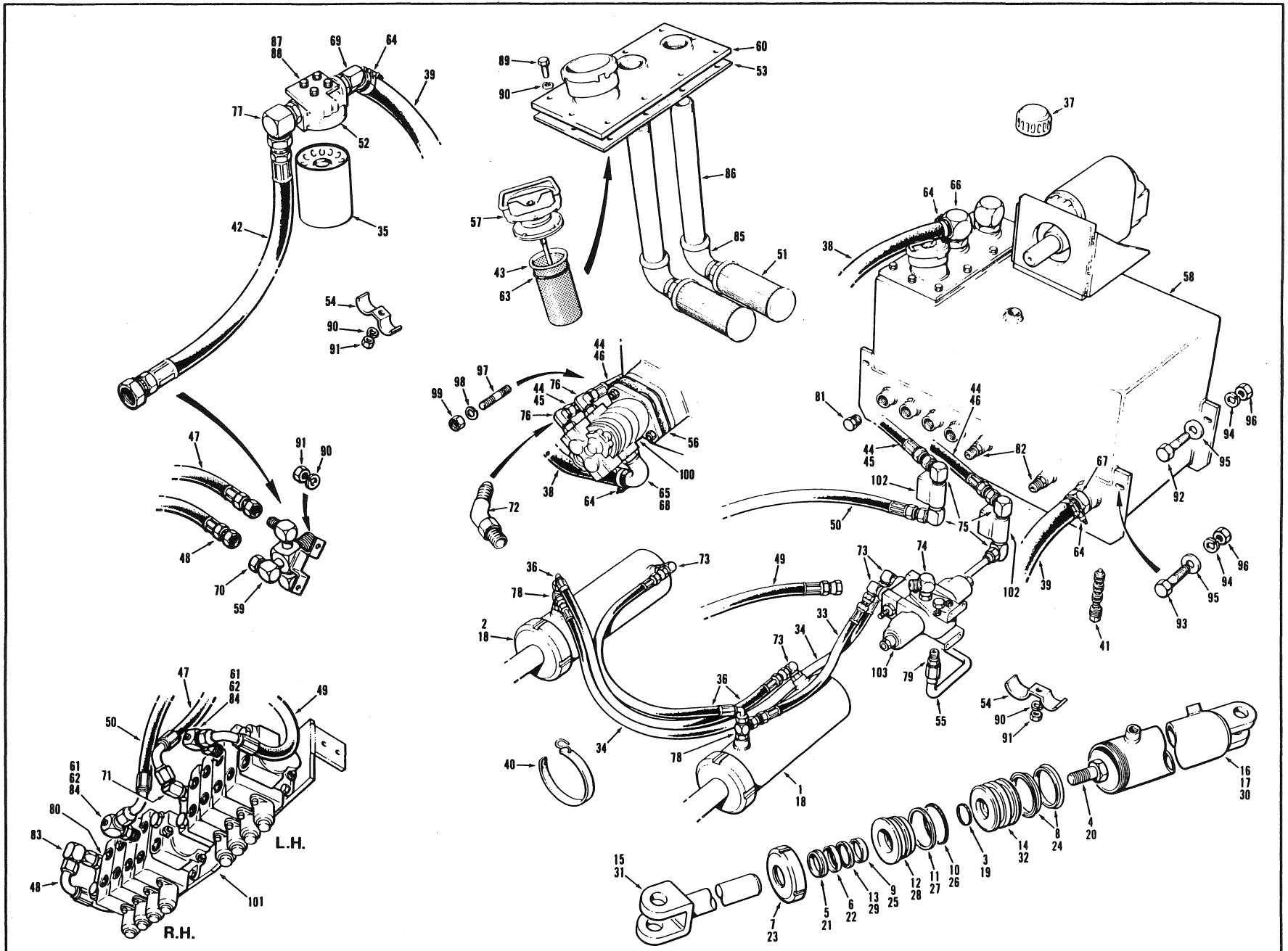
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PRIMARY HYDRAULIC CIRCUIT - MODELS 720A THRU 740A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	*46063	ARTICULATION CYLINDER ASSEMBLY	2	
		- INCLUDES ITEMS 2 TO 15		
2	*12A-224	O RING	1	
3	*50A-1620	BOLT	1	
4	12035	WIPER RING	1	
5	12037	ROD SEAL	1	
6	13007	CYLINDER NUT	1	
7	16999	PISTON SEAL	2	
8	*43074	WEAR RING	1	
9	44245	O RING	1	
10	*44344	BACK-UP RING	1	
11	*45735	GLAND	1	
12	*45890	BUFFER RING	1	
13	*46064	CYLINDER BARREL	1	
14	*46322	PISTON ROD	1	
15	*46844	PISTON	1	
	*49158	REPAIR KIT FOR 46063 CYLINDER ASSEMBLY	A.R.	
		- INCLUDES ITEMS 2 TO 5, 7 TO 10 & 12		
16	9313X28	HOSE	1	
17	9313X53.5	HOSE	1	
18	13028	FILTER ELEMENT - INCLUDES GASKET	1	
19	14292	CONNECTOR	2	UP TO S/N 19289
20	14382X36	HOSE	2	
21	16894	AIR BREATHER	1	
22	17156X24	HOSE	1	
23	17156X67	HOSE	1	
24	19588	STRAP	2	
25	27449	MAGNETIC PLUG	1	
26	27739X109	HOSE	1	
27	28008	STRAINER - INCLUDES ITEM 51	1	
28	28485X28	HOSE	2	740A
29	28485X42	HOSE	1	720A/730A
30	28485X47	HOSE	1	
31	28696X24	HOSE	1 or 2	
32	28696X120	HOSE	1	
33	28696X140	HOSE	1	
34	32668	STRAINER	2	
35	40320	OIL FILTER - C/W ITEM 18	1	
36	40425	GASKET	1	
37	40854	CLAMP	3	
38	42292	TUBE	1	
39	42794	GASKET	1	
40	44672	FILLER CAP - INCLUDES DIPSTICK	1	
41	45356	HYDRAULIC OIL TANK	1	
42	45942	CROSS	1	
43	50043	ACCESS PLATE	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
44	*28696X36	HOSE	1	
45	*51485	CONNECTOR	2	
46	*51486	CONNECTOR ASSY. - INCLUDES ITEMS 46 & 51	2	S/N 19293 & UP
47	*111A-1210	CONNECTOR	1	
48	*111E-1210	CONNECTOR	1	
49	*112B-12	ELBOW	1	
50	*115D-02	PLUG	2	
51	12A-228	O RING	1	
52	22A-200	CLAMP	4	
53	108A-2420	CONNECTOR	1	740A
54	108A-2424	CONNECTOR	1	
55	108C-2424	CONNECTOR	1	
56	108G-2420	CONNECTOR	1	720/730A
57	108H-2420	CONNECTOR	1	
58	110E-12	CAP	1	
59	111A-1212	CONNECTOR	2	740A
60	111B-0808	CONNECTOR	4	
61	111B-1208	CONNECTOR	1	
62	111B-1210	CONNECTOR	4	
63	111B-1212	CONNECTOR	A.R.	720A/730A/ 740A
64	111B-2420	CONNECTOR	1	
65	111D-0808	TEE	2	
66	111E-1208	CONNECTOR	1	
67	111H-12	PLUG	A.R.	
68	111P-10	CONNECTOR	2	
69	115J-2424	ELBOW	2	
70	115Z-2420	NIPPLE	2	
71	50A-0508	BOLT	4	
72	14A-05	LOCKWASHER	4	
73	50A-0610	BOLT	10	
74	14A-06	LOCKWASHER	15	
75	30A-06	NUT	5	
76	50A-1016	BOLT	2	
77	50A-1018	BOLT	2	
78	14A-10	LOCKWASHER	4	
79	14C-10	FLATWASHER	4	
80	30A-10	NUT	4	
81	354E-12075	STUD	2	
82	314A-12	LOCKWASHER	2	
83	330A-12	NUT	2	
84		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
85		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
86		RELIEF VALVE ASSEMBLY	REF.	SECTION 4 PAGE 14
87		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGE 38

USE ONLY CHAMPION APPROVED PARTS



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5

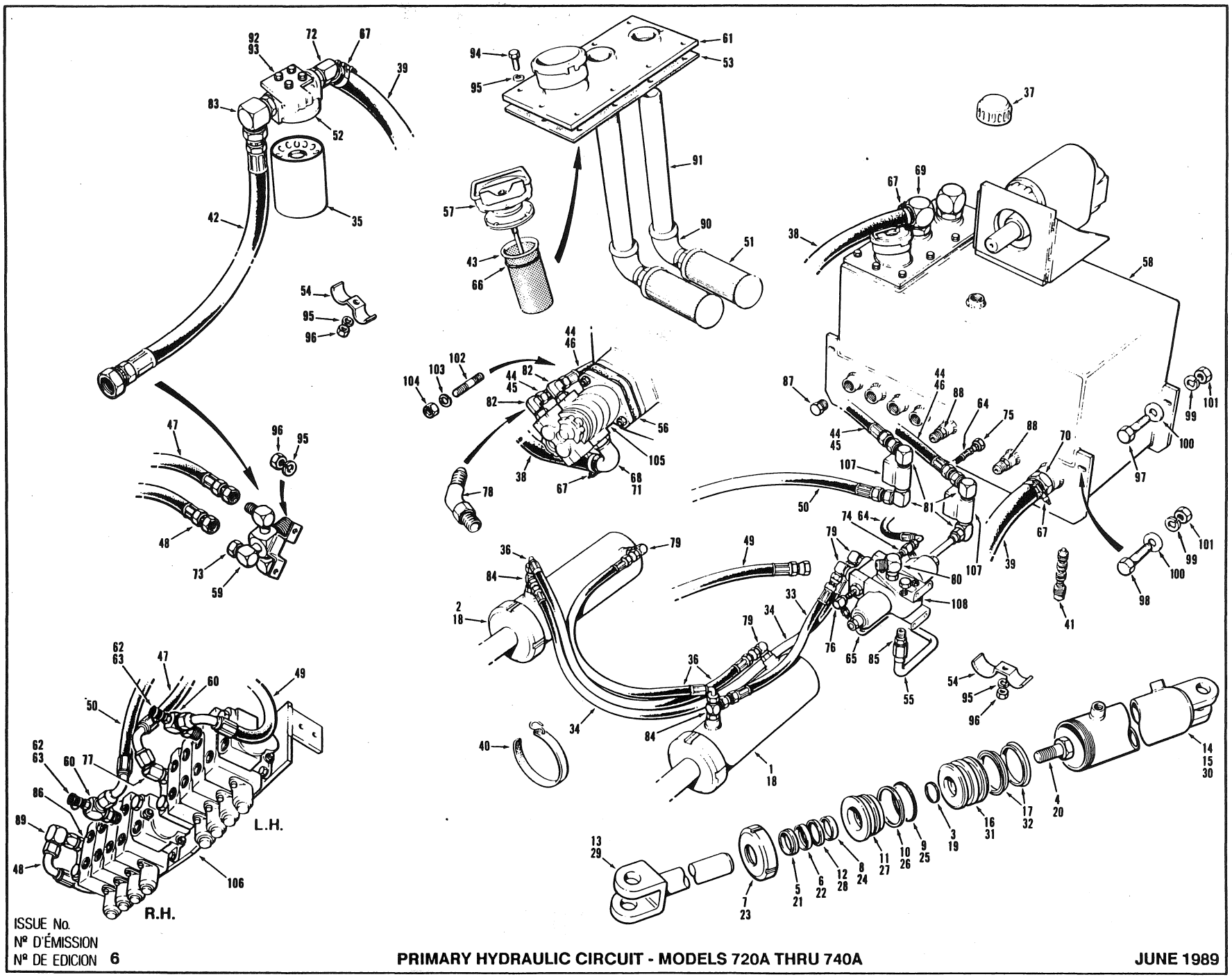
PRIMARY HYDRAULIC CIRCUIT - MODELS 720A THRU 740A

MARCH 1989

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

PRIMARY HYDRAULIC CIRCUIT - MODELS 720A THRU 740A

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	*51649	ARTICULATION CYLINDER ASSY. - L.H. - INCLUDES ITEMS 3 TO 16	1	
2	*51650	ARTICULATION CYLINDER ASSY. - R.H. - INCLUDES ITEMS 3 TO 15 & 17	1	
3	12A-224	O RING	1	
4	50A-1620	BOLT	1	
5	12035	WIPER RING	1	
6	12037	ROD SEAL	1	
7	13007	CYLINDER NUT	1	
8	16999	PISTON SEAL	2	
9	43074	WEAR RING	1	
10	44245	O RING	1	
11	44344	BACK-UP RING	1	
12	45735	GLAND	1	
13	45890	BUFFER R ING	1	
14	46844	PISTON	1	
15	*48400	PISTON ROD	1	
16	*51651	CYLINDER BARREL - L.H.	1	
17	*51652	CYLINDER BARREL - R.H.	1	
		ARTICULATION CYLINDER ASSY. - MODEL 740A		
18	46063	ARTICULATION CYLINDER ASSY. - INCLUDES ITEMS 19 TO 32	2	
19	12A-224	O RING	1	
20	50A-1620	BOLT	1	
21	12035	WIPER RING	1	
22	12037	ROD SEAL	1	
23	13007	CYLINDER NUT	1	
24	16999	PISTON SEAL	2	
25	43074	WEAR RING	1	
26	44245	O RING	1	
27	44344	BACK-UP RING	1	
28	45735	GLAND	1	
29	45890	BUFFER RING	1	
30	46064	CYLINDER BARREL	1	
31	46322	PISTON ROD	1	
32	46844	PISTON	1	
	49158	REPAIR KIT FOR 46063, 51649 & 51650 CYL. ASSEMBLIES - INCLUDES ITEMS 3 TO 6, 8 TO 11, 13, 19 TO 22, 24 TO 27 & 29	A.R.	
33	9313X28	HOSE	1	
34	9313X53.5	HOSE	1	
35	13028	FILTER ELEMENT - INCLUDES GASKET	1	
36	14382X36	HOSE	2	
37	16894	AIR BREATHER	1	
38	17156X24	HOSE	1	
39	17156X67	HOSE	1	
40	19588	STRAP	3	
41	27449	MAGNETIC PLUG	1	
42	27739X109	HOSE	1	
43	28008	STRAINER - INCLUDES ITEM 63	1	
44	28485X28	HOSE	2	740A
45	28485x42	HOSE	1	720A & 730A
46	28485X47	HOSE	1	720A & 730A
47	28696X24	HOSE	1	
48	28696X36	HOSE	1	
49	28696X120	HOSE	1	
50	28696X140	HOSE	1	
51	32668	STRAINER	2	
52	40320	OIL FILTER - C/W ITEM 35	1	
53	40425	GASKET	1	
54	40854	CLAMP	3	
55	42292	TUBE	1	
56	42794	GASKET	1	
57	44672	FILLER CAP - INCLUDES DIPSTICK	1	
58	45356	HYDRAULIC OIL TANK	1	
59	45942	CROSS	1	
60	50043	ACCESS PLATE	1	
61	51485	CONNECTOR	2	
62	51486	CONNECTOR ASSY. - INCLUDES ITEMS 61 & 84	2	
63	12A-228	O RING	1	
64	22A-200	CLAMP	4	
65	108A-2420	CONNECTOR	1	740A
66	108A-2424	CONNECTOR	1	
67	108C-2424	CONNECTOR	1	
68	108G-2420	CONNECTOR	1	720A/730A
69	108H-2420	CONNECTOR	1	
70	110E-12	CAP	1	
71	111A-1210	CONNECTOR	1	
72	111A-1212	CONNECTOR	2	740A
73	111B-0808	CONNECTOR	4	
74	111B-1208	CONNECTOR	1	
75	111B-1210	CONNECTOR	4	
76	111B-1212	CONNECTOR	2	720A/730A
77	111B-2420	CONNECTOR	1	
78	111D-0808	TEE	2	
79	111E-1208	CONNECTOR	1	
80	111E-1210	CONNECTOR	1	
81	111H-12	PLUG	3	
82	111P-10	CONNECTOR	2	
83	112B-12	CONNECTOR	1	
84	115D-02	PLUG	2	
85	115J-2424	ELBOW	2	
86	115Z-2420	NIPPLE	2	
87	50A-0508	BOLT	4	
88	14A-05	LOCKWASHER	4	
89	50A-0610	BOLT	10	
90	14A-06	LOCKWASHER	15	
91	30A-06	NUT	5	
92	50A-1016	BOLT	2	
93	50A-1018	BOLT	2	
94	14A-10	LOCKWASHER	4	
95	14C-10	FLATWASHER	4	
96	30A-10	NUT	4	
97	354E-12075	STUD	2	
98	314A-12	LOCKWASHER	2	
99	330A-12	NUT	2	
100		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
101		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
102		RELIEF VALVE ASSEMBLY	REF.	SECTION 4 PAGE 14
103		SOLENOIDVALVE ASSEMBLY	REF.	SECTION 4 PAGE 38



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 6

PRIMARY HYDRAULIC CIRCUIT - MODELS 720A THRU 740A

JUNE 1989

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 20012 to 20015, 20017 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

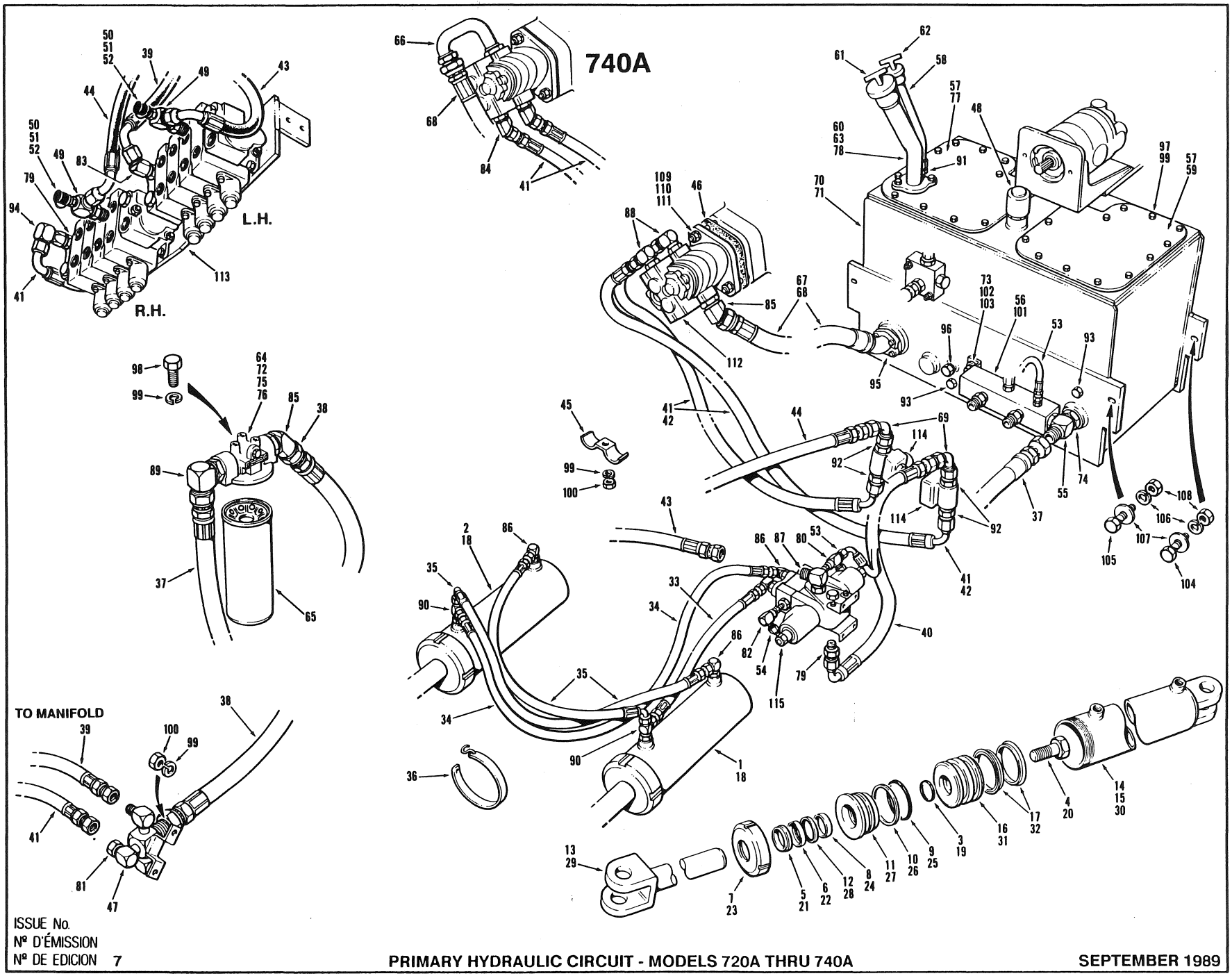
SECTION 4 PAGE 17
SECCION PAGINA

USE ONLY CHAMPION APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

PRIMARY HYDRAULIC CIRCUIT - MODELS 720A THRU 740A

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	*53783	ARTICULATION CYLINDER ASSY. - L.H. - INCLUDES ITEMS 3 TO 14, 16, 17	1	MODELS 720A & 730A
2	*53784	ARTICULATION CYLINDER ASSY. - R.H. - INCLUDES ITEMS 3 TO 13 & 15 TO 17	1	
3	12A-224	O RING	1	
4	50A-1620	BOLT	1	
5	12035	WIPER RING	1	
6	12037	ROD SEAL	1	
7	13007	CYLINDER NUT	1	
8	43074	WEAR RING	1	
9	44245	O RING	1	
10	44344	BACK-UP RING	1	
11	45735	GLAND	1	
12	45890	BUFFER RING	1	
13	48400	PISTON ROD	1	
14	*53781	CYLINDER BARREL - L.H.	1	
15	*53782	CYLINDER BARREL - R.H.	1	
16	*53797	PISTON	1	
17	*53799	PISTON SEAL	2	
18	*53788	ARTICULATION CYLINDER ASSY. - INCLUDES ITEMS 19 TO 32	2	MODELS 740A thru 780A
19	12A-224	O RING	1	
20	50A-1620	BOLT	1	
21	12035	WIPER RING	1	
22	12037	ROD SEAL	1	
23	13007	CYLINDER NUT	1	
24	43074	WEAR RING	1	
25	44245	O RING	1	
26	44344	BACK-UP RING	1	
27	45735	GLAND	1	
28	45890	BUFFER RING	1	
29	46322	PISTON ROD	1	
30	*53787	CYLINDER BARREL	1	
31	*53797	PISTON	1	
32	*53799	PISTON SEAL	2	
	*54436	REPAIR KIT FOR 53783, 53784 & 53788 CYLINDER ASSEMBLIES - INCLUDES ITEMS 3 TO 6, 8 TO 10, 12 & 17, 19 TO 22, 24 TO 26, 28 & 32	A.R.	
33	9313X28	HOSE	1	
34	9313X53.5	HOSE	1	
35	13028	FILTER ELEMENT - INCLUDES GASKET	1	
36	14382X36	HOSE	2	
37	16894	AIR BREATHER	1	
38	17156X24	HOSE	1	
39	17156X67	HOSE	1	
40	19588	STRAP	3	
41	27449	MAGNETIC PLUG	1	
42	27739X109	HOSE	1	
43	28008	STRAINER - INCLUDES ITEM 66	1	
44	28485X28	HOSE	2	740A
45	28485x42	HOSE	1	720A & 730A
46	28485X47	HOSE	1	720A & 730A
47	28696X24	HOSE	1	
48	28696X36	HOSE	1	
49	28696X120	HOSE	1	
50	28696X140	HOSE	1	
51	32668	STRAINER	2	
52	40320	OIL FILTER - C/W ITEM 35	1	
53	40425	GASKET	1	
54	40854	CLAMP	3	
55	42292	TUBE	1	
56	42794	GASKET	1	
57	44672	FILLER CAP - INCLUDES DIPSTICK	1	
58	45356	HYDRAULIC OIL TANK	1	
59	45942	CROSS	1	
60	*49837	CONNECTOR	2	
61	50043	ACCESS PLATE	1	
62	*51286	CONNECTOR	2	
63	*51288	DUST CAP	2	
64	*52086X35	HOSE	1	
65	*52087	TUBE	1	
66	12A-228	O RING	1	
67	22A-200	CLAMP	4	
68	108A-2420	CONNECTOR	1	740A
69	108A-2424	CONNECTOR	1	
70	108C-2424	CONNECTOR	1	
71	108G-2420	CONNECTOR	1	720A/730A
72	108H-2420	CONNECTOR	1	
73	110E-12	CAP	1	
74	*110AE-0402	TEE	1	
75	*110G-0408	CONNECTOR	1	
76	*110U-0402	CONNECTOR	1	
77	111A-1210	CONNECTOR	1	
78	111A-1212	CONNECTOR	2	740A
79	111B-0808	CONNECTOR	4	
80	111B-1208	CONNECTOR	1	
81	111B-1210	CONNECTOR	4	
82	111B-1212	CONNECTOR	2	720A/730A
83	111B-2420	CONNECTOR	1	
84	111D-0808	TEE	2	
85	111E-1208	CONNECTOR	1	
86	111E-1210	CONNECTOR	1	
87	111H-12	PLUG	3	
88	111P-10	CONNECTOR	2	
89	112B-12	CONNECTOR	1	
90	115J-2424	ELBOW	2	
91	115Z-2420	NIPPLE	2	
92	50A-0508	BOLT	4	
93	14A-05	LOCKWASHER	4	
94	50A-0610	BOLT	10	
95	14A-06	LOCKWASHER	15	
96	30A-06	NUT	5	
97	50A-1016	BOLT	2	
98	50A-1018	BOLT	2	
99	14A-10	LOCKWASHER	4	
100	14C-10	FLATWASHER	4	
101	30A-10	NUT	4	
102	354E-12075	STUD	2	
103	314A-12	NUT	2	
104	330A-12	NUT	2	
105		HYDRAULIC PUMP	REF.	SECT 4 PG 2
106		MANIFOLD VALVE ASSEMBLY	REF.	SECT 4 PG 8
107		RELIEF VALVE ASSEMBLY	REF.	SECT 4 PG 14
108		SOLENOID VALVE ASSEMBLY	REF.	SECT 4 PG 38



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 7

PRIMARY HYDRAULIC CIRCUIT - MODELS 720A THRU 740A

SEPTEMBER 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 19996, 20122 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

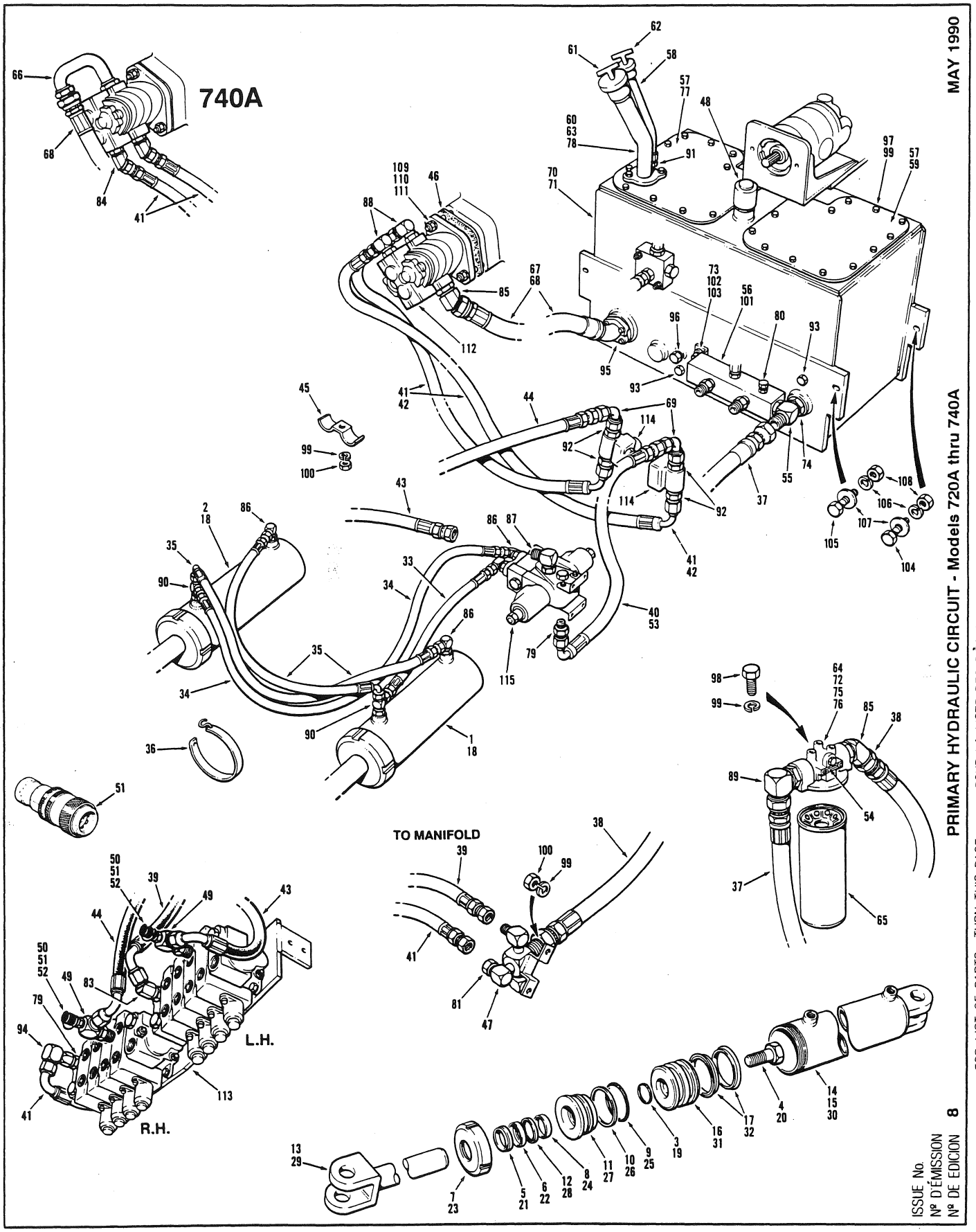
700 SERIES
SERIE 700

SECTION 4 PAGE 17
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

PRIMARY HYDRAULIC CIRCUIT - MODELS 720A THRU 740A

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	53783	ARTICULATION CYLINDER ASSY. - L.H. - INCLUDES ITEMS 3 TO 14, 16, 17	1	MODELS 720A & 730A
2	53784	ARTICULATION CYLINDER ASSY. - R.H. - INCLUDES ITEMS 3 TO 13 & 15 TO 17	1	
3	12A-224	O RING	1	
4	50A-1620	BOLT	1	
5	12035	WIPER RING	1	
6	12037	ROD SEAL	1	
7	13007	CYLINDER NUT	1	
8	43074	WEAR RING	1	
9	44245	O RING	1	
10	44344	BACK-UP RING	1	
11	45735	GLAND	1	
12	45890	BUFFER RING	1	
13	48400	PISTON ROD	1	
14	53781	CYLINDER BARREL - L.H.	1	
15	53782	CYLINDER BARREL - R.H.	1	
16	53797	PISTON	1	
17	53799	PISTON SEAL	2	
18	53788	ARTICULATION CYLINDER ASSY. - INCLUDES ITEMS 19 TO 32	2	MODELS 740A thru 780A
19	12A-224	O RING	1	
20	50A-1620	BOLT	1	
21	12035	WIPER RING	1	
22	12037	ROD SEAL	1	
23	13007	CYLINDER NUT	1	
24	43074	WEAR RING	1	
25	44245	O RING	1	
26	44344	BACK-UP RING	1	
27	45735	GLAND	1	
28	45890	BUFFER RING	1	
29	46322	PISTON ROD	1	
30	53787	CYLINDER BARREL	1	
31	53797	PISTON	1	
32	53799	PISTON SEAL	2	
	54436	REPAIR KIT FOR 53783, 53784 & 53788 CYLINDER ASSEMBLIES - INCLUDES ITEMS 3 TO 6, 8 TO 10, 12 & 17, 19 TO 22, 24 TO 26, 28 & 32	A.R.	
33	9313 x 28	HOSE	1	
34	9313 x 53.5	HOSE	1	
35	14382 x 36	HOSE	2	
36	19588	STRAP	3	
37	*27739 x 76	HOSE	1	
38	27739 x 109	HOSE	1	
39	28696 x 24	HOSE	1	
40	*28696 x 29	HOSE	1	
41	28696 x 36	HOSE	1 or 3	1 - 720A/730A 3 - 740A
42	*28696 x 55	HOSE	2	720A & 730A
43	28696 x 120	HOSE	1	
44	28696 x 140	HOSE	1	
45	40854	CLAMP	1	
46	42794	GASKET	1	
47	45942	CROSS	1	
48	*48878	BREATHER	1	
49	49837	CONNECTOR	2	
50	51286	CONNECTOR	2	
51	*51287	QUICK DISCONNECT COUPLER	2	
52	51288	DUST CAP	2	
53	*52086 x 36.5	HOSE	1	
54	52087	TUBE	1	
55	*53378	TEE	1	
56	*53379	MANIFOLD	1	
57	*53439	GASKET - COVER PLATE	2	
58	*53466	NECK ASSEMBLY - DIP STICK	1	
59	*53469	COVER PLATE - L.H.	1	
60	*53488	GASKET - FILLER NECK	1	
61	*53491	CAP	1	
62	*53492	DIP STICK	1	
63	*53495	STRAINER	1	
64	*53510	FILTER ASSEMBLY - INDICATOR C/W ITEMS 65 & 75	1	
65	*53527	FILTER ELEMENT	1	
66	*53563	TUBE	?	
67	*53568 x 24	HOSE	1	720A/730A
68	*53568 x 31.5	HOSE	1	740A
69	*53623	ELBOW	2	
70	*54021	HYDRAULIC OIL TANK	1	
71	*54040	MAGNETIC PLUG	1	
72	*54041	FILTER ASSEMBLY - NO INDICATOR C/W ITEMS 65 & 76	1	
73	*54055	BRACKET	?	
74	*54137	DIFFUSER	1	
75	*54171	HEAD - INDICATOR	1	
76	*54172	HEAD - NO INDICATOR	1	
77	*54352	COVER PLATE - R.H.	1	
78	*54353	FILLTER NECK	1	
79	*54416	CONNECTOR	2	
80	110AE-0402	TEE	1	
81	110E-12	CAP	1	
82	110U-0402	CONNECTOR	1	
83	111A-1210	CONNECTOR	1	
84	111A-1212	CONNECTOR	2	740A
85	*111A-2420	CONNECTOR	1 or 2	
86	111B-0808	CONNECTOR	1	
87	111B-1210	CONNECTOR	4	
88	111B-1212	CONNECTOR	2	720A/730A
89	111B-2420	CONNECTOR	1	
90	111D-0808	TEE	2	
91	*111E-0808	CONNECTOR	1	
92	*111E-1212	CONNECTOR	4	
93	*111H-08	PLUG	2	
94	112B-12	CONNECTOR	1	
95	*114D-24	FLANGE KIT C/W O RING & HARDWARE	1	
96	*115C-08	PLUG	1	
97	*50A-0608	BOLT	26	
98	*50A-0612	BOLT	3	
99	14A-06	LOCKWASHER	32	
100	30A-06	NUT	3	
101	*50A-0808	BOLT	1	
102	*14A-08	LOCKWASHER	1	
103	*30A-08	NUT	1	
104	50A-1016	BOLT	2	
105	50A-1018	BOLT	2	
106	14A-10	LOCKWASHER	4	
107	14C-10	FLATWASHER	4	
108	30A-10	NUT	4	
109	354E-12075	STUD	2	
110	314A-12	LOCKWASHER	2	
111	330A-12	NUT	2	
112		HYDRAULIC PUMP	REF.	Sec. 4 Pg. 2
113		MANIFOLD VALVE ASSEMBLY	REF.	Sec. 4 Pg. 8
114		RELIEF VALVE ASSEMBLY	REF.	Sec. 4 Pg. 14
115		SOLENOID VALVE ASSEMBLY	REF.	Sec. 4 Pg. 38



CHAMPION ROAD MACHINERY

MAY 1990

PRIMARY HYDRAULIC CIRCUIT - Models 720A thru 740A

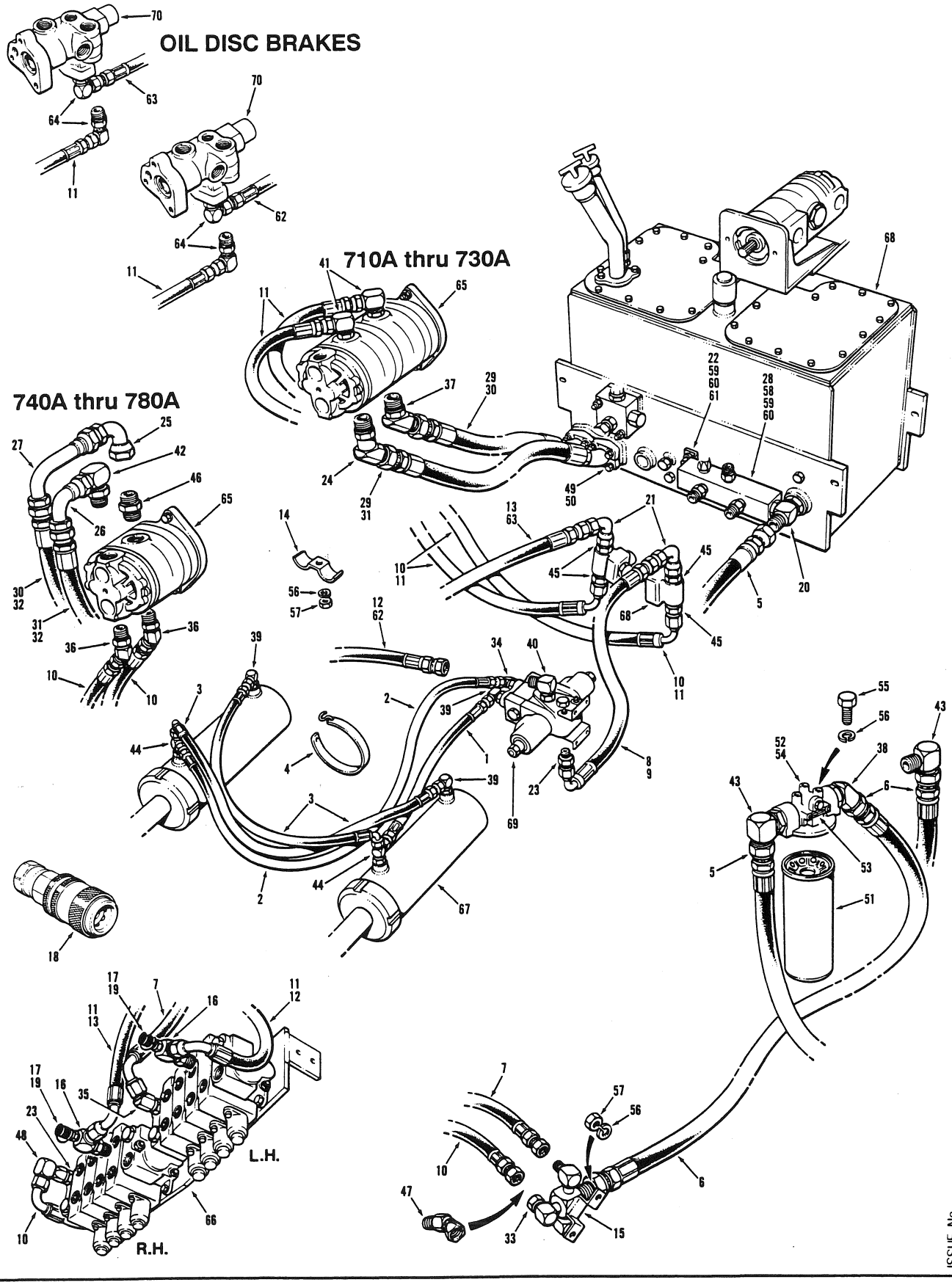
FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 8

EFFECTIVE SERIAL NUMBER(S) 20719 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S) EXCLUDING 20731
NUMERO(S) DE SERIE EFECTIVO(S)

PRIMARY HYDRAULIC CIRCUIT - Models 720A thru 740A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	53783	**ARTICULATION CYLINDER ASSEMBLY** - L.H. - INCLUDES ITEMS 3 TO 14, 16, 17	1	MODELS 720A & 730A
2	53784	**ARTICULATION CYLINDER ASSEMBLY** - R.H. - INCLUDES ITEMS 3 TO 13 & 15 TO 17	1	
3	12A-224	O RING	1	
4	50A-1620	BOLT	1	
5	12035	WIPER RING	1	
6	12037	ROD SEAL	1	
7	13007	CYLINDER NUT	1	
8	43074	WEAR RING	1	
9	44245	O RING	1	
10	44344	BACK-UP RING	1	
11	45735	GLAND	1	
12	45890	BUFFER RING	1	
13	48400	PISTON ROD	1	
14	53781	CYLINDER BARREL - L.H.	1	
15	53782	CYLINDER BARREL - R.H.	1	
16	53797	PISTON	1	
17	53799	PISTON SEAL	2	
18	53788	**ARTICULATION CYLINDER ASSEMBLY** - INCLUDES ITEMS 19 TO 32	2	MODELS 740A thru 780A
19	12A-224	O RING	1	
20	50A-1620	BOLT	1	
21	12035	WIPER RING	1	
22	12037	ROD SEAL	1	
23	13007	CYLINDER NUT	1	
24	43074	WEAR RING	1	
25	44245	O RING	1	
26	44344	BACK-UP RING	1	
27	45735	GLAND	1	
28	45890	BUFFER RING	1	
29	46322	PISTON ROD	1	
30	53787	CYLINDER BARREL	1	
31	53797	PISTON	1	
32	53799	PISTON SEAL	2	
	54436	**REPAIR KIT FOR 53783, 53784 & 53788** CYLINDER ASSEMBLIES - INCLUDES ITEMS 3 TO 6, 8 TO 10, 12 & 17, 19 TO 22, 24 TO 26, 28 & 32	1	
33	9313 x 28	HOSE	1	
34	9313 x 53.5	HOSE	1	
35	14382 x 36	HOSE	2	
36	19588	STRAP	3	
37	27739 x 76	HOSE	1	
38	27739 x 109	HOSE	1	
39	28696 x 24	HOSE	1	
40	28696 x 29	HOSE	1	740A
41	28696 x 36	HOSE	1 or 3	1 - 720A/730A 3 - 740A
42	28696 x 55	HOSE	2	720A & 730A
43	*28696 x 112	HOSE	1	
44	28696 x 140	HOSE	1	
45	40854	CLAMP	1	
46	42794	GASKET	1	
47	45942	CROSS	1	
48	48878	BREATHER	1	
49	49837	CONNECTOR	2	
50	51286	QUICK DISCONNECT COUPLER - MALE	2	
51	51287	QUICK DISCONNECT COUPLER - FEMALE (FOR TESTING)	1	IN TOOLBOX
52	51288	DUST CAP	2	
53	*28696 x 27	HOSE	1	720A/730A
54	*56824	BY-PASS INDICATOR	1	
55	53378	TEE	1	
56	53379	MANIFOLD	1	
57	53439	GASKET - COVER PLATE	2	
58	53466	NECK ASSEMBLY - DIP STICK	1	
59	53469	COVER PLATE - L.H.	1	
60	53488	GASKET - FILLER NECK	1	
61	53491	CAP	1	
62	53492	DIP STICK	1	
63	53495	STRAINER	1	
64	53510	**FILTER ASSEMBLY** - INDICATOR C/W ITEMS 65, 75 & 54	1	
65	53527	FILTER ELEMENT	1	
66	53563	TUBE	1	
67	53568 x 24	HOSE	1	720A/730A
68	53568 x 31.5	HOSE	1	740A
69	53623	ELBOW	2	
70	54021	HYDRAULIC OIL TANK	1	
71	54040	MAGNETIC PLUG	1	
72	54041	**FILTER ASSEMBLY** - NO INDICATOR C/W ITEMS 65 & 75	1	
73	54055	BRACKET	1	
74	54137	DIFFUSER	1	
75	54171	HEAD - INDICATOR	1	
76	54172	HEAD - NO INDICATOR	1	
77	54352	COVER PLATE - R.H.	1	
78	54353	FILLTER NECK	1	
79	54416	CONNECTOR	2	
80	*110E-04	CAP	1	
81	110E-12	CAP	1	
83	111A-1210	CONNECTOR	1	
84	111A-1212	CONNECTOR	2	740A
85	111A-2420	CONNECTOR	1 or 2	
86	111B-0808	CONNECTOR	1	
87	111B-1210	CONNECTOR	4	
88	111B-1212	CONNECTOR	2	720A/730A
89	111B-2420	CONNECTOR	1	
90	111D-0808	TEE	2	
91	111E-0808	CONNECTOR	1	
92	111E-1212	CONNECTOR	4	
93	111H-08	PLUG	2	
94	112B-12	CONNECTOR	1	
95	114D-24	**FLANGE KIT** C/W O RING & HARDWARE	1	
96	115C-08	PLUG	1	
97	50A-0608	BOLT	26	
98	50A-0612	BOLT	3	
99	14A-06	LOCKWASHER	32	
100	30A-06	NUT	3	
101	50A-0808	BOLT	1	
102	14A-08	LOCKWASHER	1	
103	30A-08	NUT	1	
104	50A-1016	BOLT	2	
105	50A-1018	BOLT	2	
106	14A-10	LOCKWASHER	4	
107	14C-10	FLATWASHER	4	
108	30A-10	NUT	4	
109	354E-12075	STUD	2	
110	314A-12	LOCKWASHER	2	
111	330A-12	NUT	2	
112		HYDRAULIC PUMP	REF.	Sec. 4 Pg. 2
113		MANIFOLD VALVE ASSEMBLY	REF.	Sec. 4 Pg. 8
114		RELIEF VALVE ASSEMBLY	REF.	Sec. 4 Pg. 14
115		SOLENOID VALVE ASSEMBLY	REF.	Sec. 4 Pg. 38



CHAMPION ROAD MACHINERY

AUGUST 1990

MAIN HYDRAULIC CIRCUIT - Models 710A thru 780A

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ISSUE No. 9
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Nº DE EDICION

EFFECTIVE SERIAL NUMBER(S) 20805, 20806, 20808 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

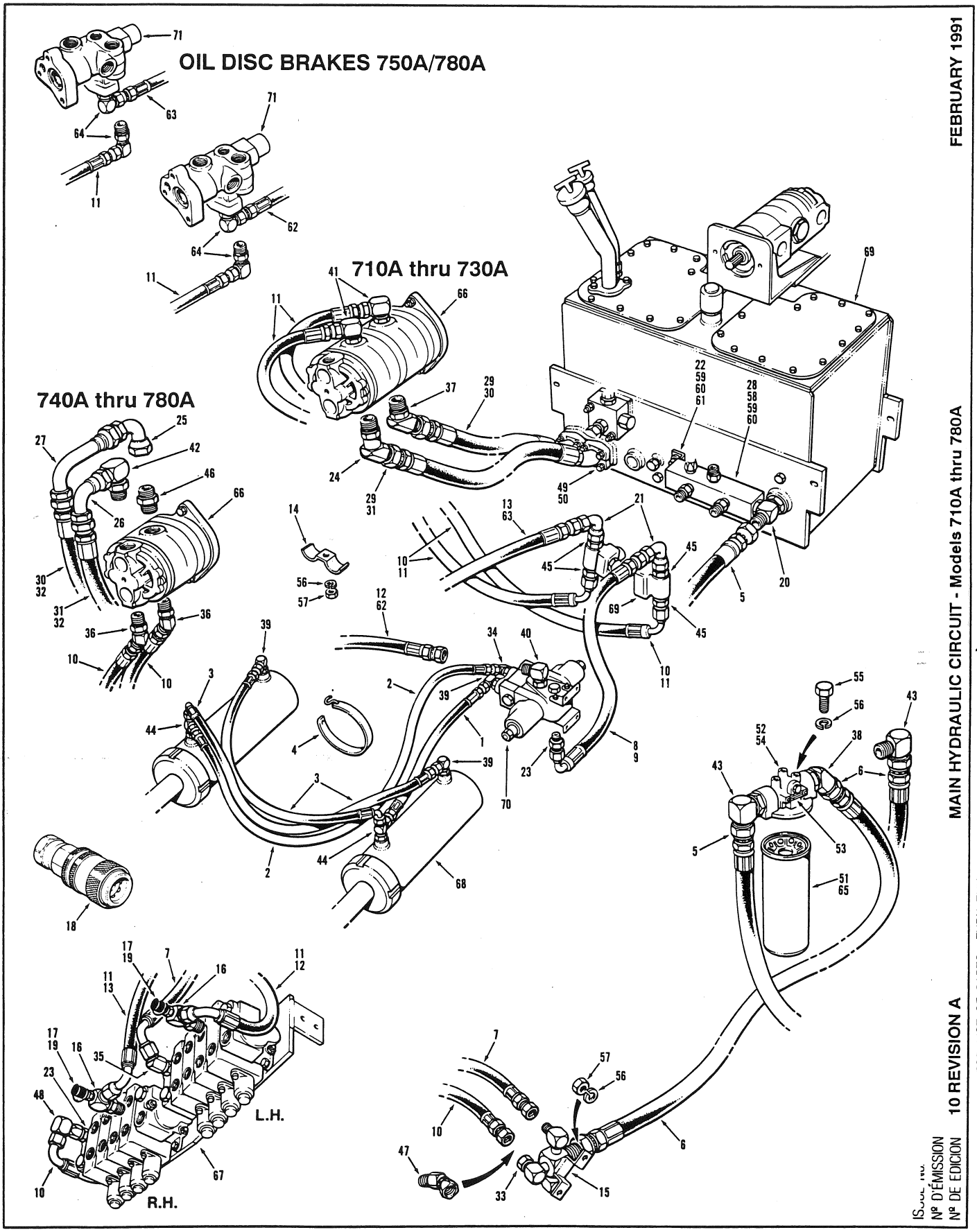
700 SERIES
SERIE 700

SECTION 4 PAGE 17
SECCION PAGINA

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

MAIN HYDRAULIC CIRCUIT - Models 710A thru 780A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	9313 x 28	HOSE	1	
2	9313 x 53.5	HOSE	1	
3	14382 x 36	HOSE	2	
4	19588	STRAP	3	
5	27739 x 76	HOSE	1	
6	27739 x 109	HOSE	1	
7	28696 x 24	HOSE	1	
8	28696 x 27	HOSE	1	710A thru 730A
9	28696 x 29	HOSE	1	740A thru 780A
10	28696 x 36	HOSE	1 or 3	
11	28696 x 55	HOSE	2 or 4	
12	28696 x 112	HOSE	1	
13	28696 x 140	HOSE	1	
14	40854	CLAMP	3	
15	45942	CROSS	1	
16	49837	CONNECTOR	2	
17	51286	QUICK DISCONNECT COUPLER - MALE	2	
18	51287	QUICK DISCONNECT COUPLER - FEMALE (FOR TESTING)	1	IN TOOLBOX
19	51288	DUST CAP	2	
20	53378	TEE	1	
21	53623	ELBOW	2	
22	54055	BRACKET	1	
23	54416	CONNECTOR	2	
24	*54969	ELBOW	1	710A thru 730A
25	*54993	ELBOW	1	
26	*54994	ELBOW	1	740A thru 780A
27	*54995	ELBOW	1	
28	*54996	MANIFOLD	1	
29	*55028 x 26	HOSE	2	720A & 730A
30	*55028 x 30	HOSE	1	710 & 740 thru 780 with OIL DISC BRAKES
31	*55028 x 31	HOSE	1	
32	*55028 x 32	HOSE	2	740A DRUM BRAKES
33	110E-12	CAP	1	
34	*111A-0808	CONNECTOR	1	
35	111A-1210	CONNECTOR	1	
36	111A-1212	CONNECTOR	2	740A thru 780A
37	111A-2020	CONNECTOR	1	710A thru 730A
38	111A-2420	CONNECTOR	1	720A thru 780A
39	111B-0808	CONNECTOR	3	
40	111B-1210	CONNECTOR	1	
41	111B-1212	CONNECTOR	2	710A thru 730A
42	111B-2020	CONNECTOR	1	740A thru 780A
43	111B-2420	CONNECTOR	1 or 2	
44	111D-0808	TEE	2	
45	111E-1212	CONNECTOR	4	
46	111E-2020	CONNECTOR	1	740A thru 780A
47	*112A-12	CONNECTOR	1	710A
48	112B-12	CONNECTOR	1	
49	*114D-20	**FLANGE KIT** - C/W ITEM 50 & HARDWARE	2	
50	*12A-222	O RING	2	
	53510	**FILTER ASSEMBLY** - INDICATOR - C/W ITEMS 51, 52 & 53	1	
51	53527	ELEMENT	1	
52	54171	HEAD - INDICATOR	1	
53	56824	BY-PASS INDICATOR	1	
	54041	**FILTER ASSEMBLY** - NO INDICATOR - C/W ITEMS 51, 53 & 54	1	
54	54172	HEAD - NO INDICATOR	1	
55	50A-0612	BOLT	3	
56	14A-06	LOCKWASHER		
57	30A-06	NUT		
58	50A-0808	BOLT	1	
59	14A-08	LOCKWASHER	2	
60	*14C-08	FLATWASHER	2	
61	30A-08	NUT	1	
62	28485 x 52	HOSE	1	OIL DISC BRAKES
63	28485 x 90	HOSE	1	
64	111B-1216	CONNECTOR	4	
65		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 1
66		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 7
67		*ARTICULATION CYLINDER ASSEMBLY	REF.	SECTION 4 PAGE 43
68		*HYDRAULIC OIL TANK & RELIEF VALVE ASSEMBLY	REF.	SECTION 4 PAGE 45
69		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGE 37
70		OIL DISC BRAKE VALVE	REF.	SECTION 9 PAGE 17



FEBRUARY 1991

MAIN HYDRAULIC CIRCUIT - Models 710A thru 780A

10 REVISION A

Issue no.
Nº D'ÉMISSION
Nº DE EDICION

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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

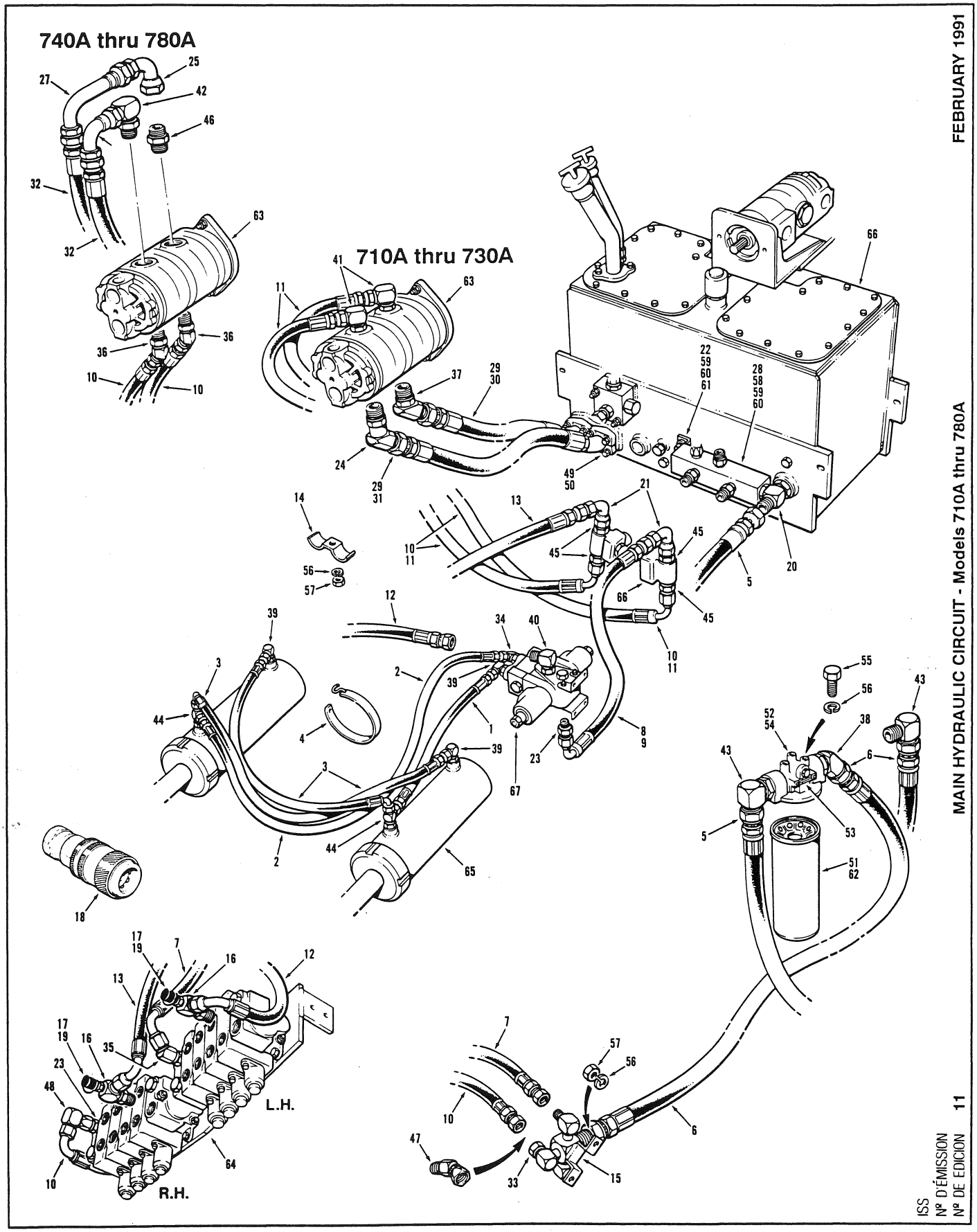
EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
21134 to 21385

SECTION / SECCION 4 | PAGE / PAGINA 18 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICIÓN 10 REVISION A

MAIN HYDRAULIC CIRCUIT - Models 710A thru 780A

FEBRUARY 1991

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	9313 x 28	HOSE	1	
2	9313 x 53.5	HOSE	1	
3	14382 x 36	HOSE	2	
4	19588	STRAP	3	
5	27739 x 76	HOSE	1	
6	27739 x 109	HOSE	1	
7	28696 x 24	HOSE	1	
8	28696 x 27	HOSE	1	710A thru 730A
9	28696 x 29	HOSE	1	740A thru 780A
10	28696 x 36	HOSE	1 or 3	
11	28696 x 55	HOSE	2 or 4	
12	28696 x 112	HOSE	1	
13	28696 x 140	HOSE	1	
14	40854	CLAMP	3	
15	45942	CROSS	1	
16	49837	CONNECTOR	2	
17	51286	QUICK DISCONNECT COUPLER - MALE	2	
18	51287	QUICK DISCONNECT COUPLER - FEMALE (FOR TESTING)	1	In Toolbox
19	51288	DUST CAP	2	
20	53378	TEE	1	
21	53623	ELBOW	2	
22	54055	BRACKET	1	
23	54416	CONNECTOR	2	
24	54969	ELBOW	1	710A thru 730A
25	54993	ELBOW	1	
26	54994	ELBOW	1	740A thru 780A
27	54995	ELBOW	1	
28	54996	MANIFOLD	1	
29	55028 x 26	HOSE	2	720A & 730A
30	55028 x 30	HOSE	1	710A, 740A, 750A & 780A
31	55028 x 31	HOSE	1	
32	55028 x 32	HOSE	2	740A DRUM BRAKES
33	110E-12	CAP	1	
34	111A-0808	CONNECTOR	1	
35	111A-1210	CONNECTOR	1	
36	111A-1212	CONNECTOR	2	740A thru 780A
37	111A-2020	CONNECTOR	1	710A thru 730A
38	111A-2420	CONNECTOR	1	720A thru 780A
39	111B-0808	CONNECTOR	3	
40	111B-1210	CONNECTOR	1	
41	111B-1212	CONNECTOR	2	710A thru 730A
42	111B-2020	CONNECTOR	1	740A thru 780A
43	111B-2420	CONNECTOR	1 or 2	
44	111D-0808	TEE	2	
45	111E-1212	CONNECTOR	4	
46	111E-2020	CONNECTOR	1	740A thru 780A
47	112A-12	CONNECTOR	1	710A
48	112B-12	CONNECTOR	1	
49	114D-20	**FLANGE KIT** - C/W ITEM 50 & HARDWARE	2	
50	12A-222	O RING	2	
	53510	**FILTER ASSEMBLY** - INDICATOR - C/W ITEMS 51, 52, 53 & 65	1	
51	53527	ELEMENT	1	
52	54171	HEAD - INDICATOR	1	
53	56824	BY-PASS INDICATOR	1	
	54041	**FILTER ASSEMBLY** - NO INDICATOR - C/W ITEMS 51, 53, 54 & 65	1	
54	54172	HEAD - NO INDICATOR	1	
55	50A-0612	BOLT	3	
56	14A-06	LOCKWASHER		
57	30A-06	NUT		
58	50A-0808	BOLT	1	
59	14A-08	LOCKWASHER	2	
60	14C-08	FLATWASHER	2	
61	30A-08	NUT	1	
62	28485 x 52	HOSE	1	OIL DISC BRAKES
63	28485 x 90	HOSE	1	
64	111B-1216	CONNECTOR	4	
65	58430	O-RING	1	
66		HYDRAULIC PUMP	REF.	Sect 4 Pg 1
67		MANIFOLD VALVE ASSEMBLY	REF.	Sect 4 Pg 7
68		ARTICULATION CYLINDER ASSEMBLY	REF.	Sect 4 Pg 43
69		HYDRAULIC OIL TANK & RELIEF VALVE ASSEMBLY	REF.	Sect 4 Pg 45
70		SOLENOID VALVE ASSEMBLY	REF.	Sect 4 Pg 37
71		OIL DISC BRAKE VALVE	REF.	Sect 9 Pg 17



CHAMPION ROAD MACHINERY

FEBRUARY 1991

MAIN HYDRAULIC CIRCUIT - Models 710A thru 780A

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

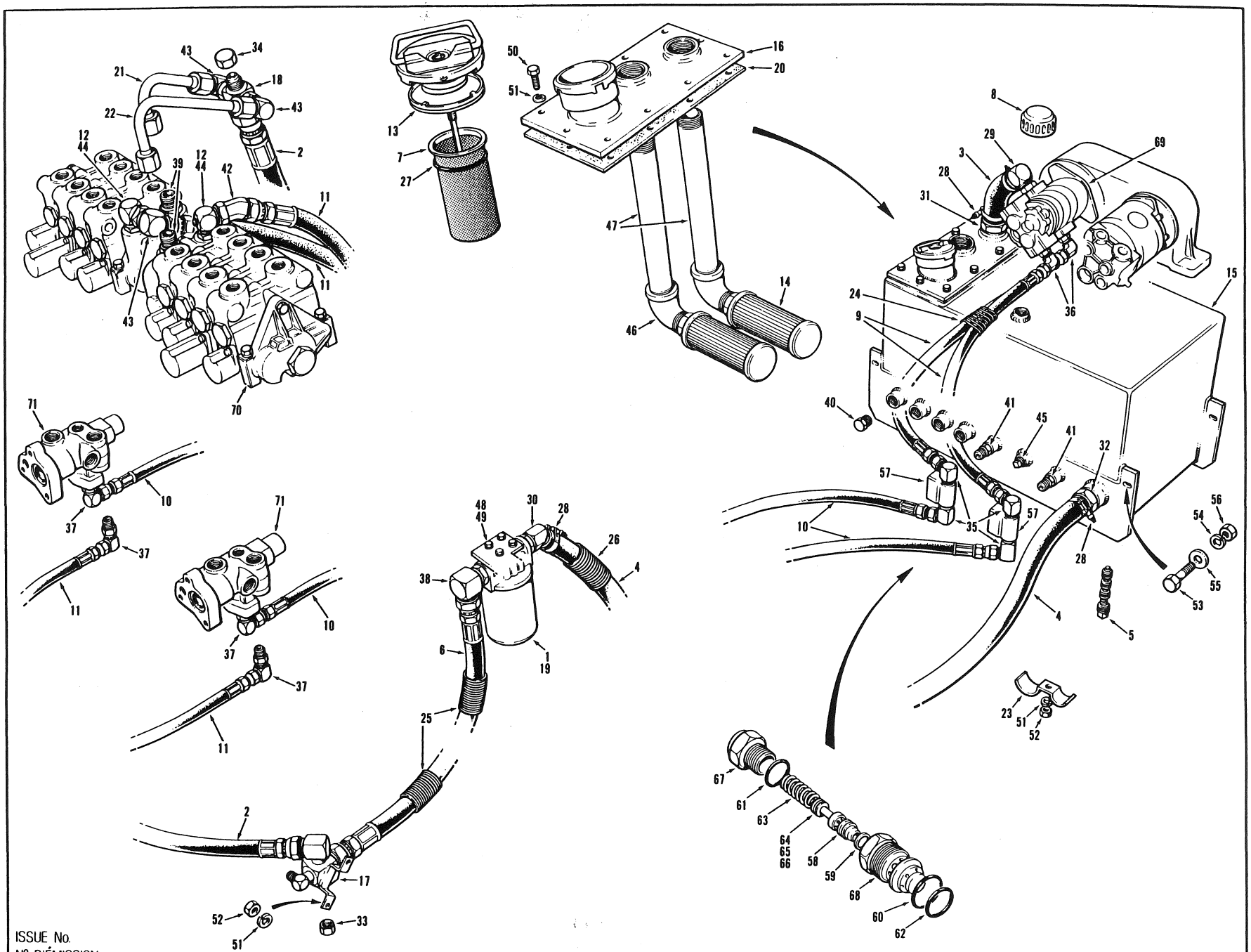
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Nº DE EDICION

EFFECTIVE SERIAL NUMBER(S) 21386 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

MAIN HYDRAULIC CIRCUIT - Models 710A thru 780A

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	9313 x 28	HOSE	1	
2	9313 x 53.5	HOSE	1	
3	14382 x 36	HOSE	2	
4	19588	STRAP	3	
5	27739 x 76	HOSE	1	
6	27739 x 109	HOSE	1	
7	28696 x 24	HOSE	1	
8	28696 x 27	HOSE	1	710A thru 730A
9	28696 x 29	HOSE	1	740A thru 780A
10	28696 x 36	HOSE	1	710A thru 730A
	28696 x 36	HOSE	3	740A thru 780A
11	28696 x 55	HOSE	2	710A thru 730A
12	28696 x 112	HOSE	1	
13	28696 x 140	HOSE	1	
14	40854	CLAMP	3	
15	45942	CROSS	1	
16	49837	CONNECTOR	2	
17	51286	QUICK DISCONNECT COUPLER - MALE	2	
18	51287	QUICK DISCONNECT COUPLER - FEMALE (FOR TESTING)	1	In Toolbox
19	51288	DUST CAP	2	
20	53378	TEE	1	
21	53623	ELBOW	2	
22	54055	BRACKET	1	
23	54416	CONNECTOR	2	
24	54969	ELBOW	1	710A thru 730A
25	54993	ELBOW	1	
26	54994	ELBOW	1	740A thru 780A
27	54995	ELBOW	1	
28	54996	MANIFOLD	1	
29	55028 x 26	HOSE	2	720A & 730A
30	55028 x 30	HOSE	1	710A
31	55028 x 31	HOSE	1	710A
32	55028 x 32	HOSE	2	740A, 750A & 780A
33	110E-12	CAP	1	
34	111A-0808	CONNECTOR	1	
35	111A-1210	CONNECTOR	1	
36	111A-1212	CONNECTOR	2	740A thru 780A
37	111A-2020	CONNECTOR	1	710A thru 730A
38	111A-2420	CONNECTOR	1	720A thru 780A
39	111B-0808	CONNECTOR	3	
40	111B-1210	CONNECTOR	1	
41	111B-1212	CONNECTOR	2	710A thru 730A
42	111B-2020	CONNECTOR	1	740A thru 780A
43	111B-2420	CONNECTOR	1 or 2	
44	111D-0808	TEE	2	
45	111E-1212	CONNECTOR	4	
46	111E-2020	CONNECTOR	1	740A thru 780A
47	112A-12	CONNECTOR	1	710A
48	112B-12	CONNECTOR	1	
49	114D-20	**FLANGE KIT** - C/W ITEM 50 & HARDWARE	2	
50	12A-222	O-RING	2	
	53510	**FILTER ASSEMBLY** - INDICATOR - C/W ITEMS 51, 52, 53 & 62	1	
51	53527	ELEMENT	1	
52	54171	HEAD - INDICATOR	1	
53	56824	BY-PASS INDICATOR	1	
	54041	**FILTER ASSEMBLY** - NO INDICATOR - C/W ITEMS 51, 53, 54 & 62	1	
54	54172	HEAD - NO INDICATOR	1	
55	50A-0612	BOLT	3	
56	14A-06	LOCKWASHER		
57	30A-06	NUT		
58	50A-0808	BOLT	1	
59	14A-08	LOCKWASHER	2	
60	14C-08	FLATWASHER	2	
61	30A-08	NUT	1	
62	58430	O-RING	1	
63		HYDRAULIC PUMP	REF.	Sect 4 Pg 1
64		MANIFOLD VALVE ASSEMBLY	REF.	Sect 4 Pg 7
65		ARTICULATION CYLINDER ASSEMBLY	REF.	Sect 4 Pg 43
66		HYDRAULIC OIL TANK & RELIEF VALVE ASSEMBLY	REF.	Sect 4 Pg 45
67		SOLENOID VALVE ASSEMBLY	REF.	Sect 4 Pg 37



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

PRIMARY HYDRAULIC CIRCUIT - OIL DISC BRAKES - MODEL 720 THRU 760

APRIL 1986

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224,16245 TO 16797
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 TO 2419-2

700 SERIES
SERIE 700

SECTION 4 PAGE 19
SECCION PAGINA

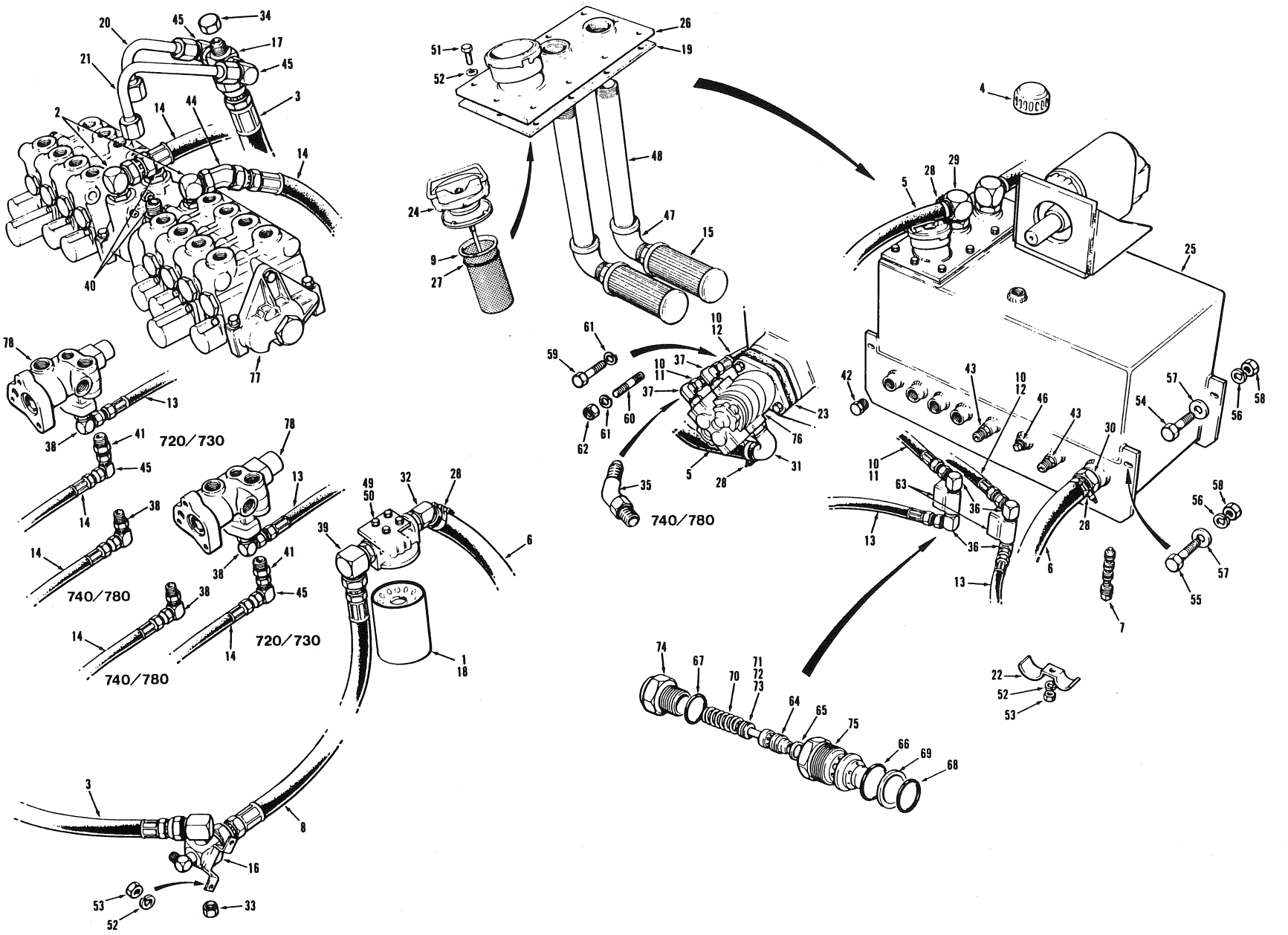
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SECTION / SECCION 4 — PAGE / PAGINA 20 — ISSUE No. / N° D'ÉMISSION / N° DE EDICION 1 REVISION A

PRIMARY HYDRAULIC CIRCUIT - OIL DISC BRAKES MODEL 720 THRU 760 APRIL 1986

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	13028	FILTER ELEMENT - INCLUDES GASKET	1	
2	14379 X 90	HOSE	1	
3	17156 X 8.5	HOSE	1	
4	17156 X 67	HOSE	1	
5	27449	MAGNETIC PLUG	1	
6	27739 X 90	HOSE	1	
7	28008	STRAINER - INCLUDES ITEM 28	1	
8	*16894	AIR BREATHER	1	
9	28485 X 28	HOSE	1	
10	28485 X 108	HOSE	2	
11	28485 X 155	HOSE	2	
12	32589	CONNECTOR - INCLUDES ITEM 58	2	
13	42167	FILLER CAP - INCLUDES DIPSTICK	1	
14	32668	STRAINER	2	
15	40219	HYDRAULIC OIL TANK	1	
16	40236	ACCESS PLATE	1	
17	40288	CROSS	1	
18	40290	CROSS	1	
19	40320	OIL FILTER - INCLUDES ITEM 1	1	
20	40425	GASKET	1	
21	40505	TUBE	1	
22	40506	TUBE	1	
23	40975	CLAMP	1	
24	*41646 X 6	HOSE PROTECTOR	2	
25	*41648 X 6	HOSE PROTECTOR	2	
26	*41715 X 6	HOSE PROTECTOR	1	
27	12A-228	O RING	1	
28	22A-200	CLAMP	4	
29	108A-2420	CONNECTOR	1	
30	108B-2420	CONNECTOR	1	
31	108C-2420	CONNECTOR	1	
32	108C-2424	CONNECTOR	1	
33	110E-08	CAP	1	
34	110E-12	CAP	1	
35	111B-1210	CONNECTOR	4	
36	111B-1212	CONNECTOR	2	
37	111B-1216	CONNECTOR	4	
38	111B-2420	CONNECTOR	1	
39	111E-1212	CONNECTOR	2	
40	111H-12	PLUG	A.R.	
41	111P-1010	CONNECTOR	2	
42	112A-12	CONNECTOR	1	
43	112B-12	CONNECTOR	3	
44	115D-02	PLUG	2	
45	115E-02	PLUG	A.R.	
46	115J-2424	ELBOW	2	
47	115Z-2420	NIPPLE	2	
48	50A-0508	BOLT	4	
49	14A-05	LOCKWASHER	4	
50	50A-0608	BOLT	A.R.	
51	14A-06	LOCKWASHER	A.R.	
52	30A-06	NUT	A.R.	
53	50A-1016	BOLT	4	
54	14A-10	LOCKWASHER	4	
55	14C-10	FLATWASHER	4	
56	30A-10	NUT	4	
		RELIEF VALVE ASSEMBLY		
57	40503	RELIEF VALVE ASSEMBLY - 1900 p.s.i. - INCLUDES ITEMS 58 TO 68	2	
	27547	SERVICE KIT - INCLUDES ITEMS 58 & 59	A.R.	
58		POPPET	1	
59		PISTON RING	1	
	27551	SEAL KIT - INCLUDES ITEMS 60 TO 62	A.R.	
60		O RING	1	
61		O RING	1	
62		O RING	1	
63	27552	SPRING	1	
64	50067	SHIM - .010"(0.25mm) THICK	A.R.	
65	50066	SHIM - .020"(0.51mm) THICK	A.R.	
66	50065	SHIM - .040"(1.02mm) THICK	A.R.	
67		CAP	1	
68		BODY	1	
69		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
70		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
71		HYDRAULIC BRAKE VALVE	REF.	SECTION 9 PAGE 18

EFFECTIVE SERIAL NUMBER(S) 16799 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2420-2 & UP



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION B

PRIMARY HYDRAULIC CIRCUIT - OIL DISC BRAKES - MODEL 720 THRU 780

AUGUST 1987

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

700 SERIES
SERIE 700

SECTION 4 PAGE 19
SECCION 4 PAGINA 19

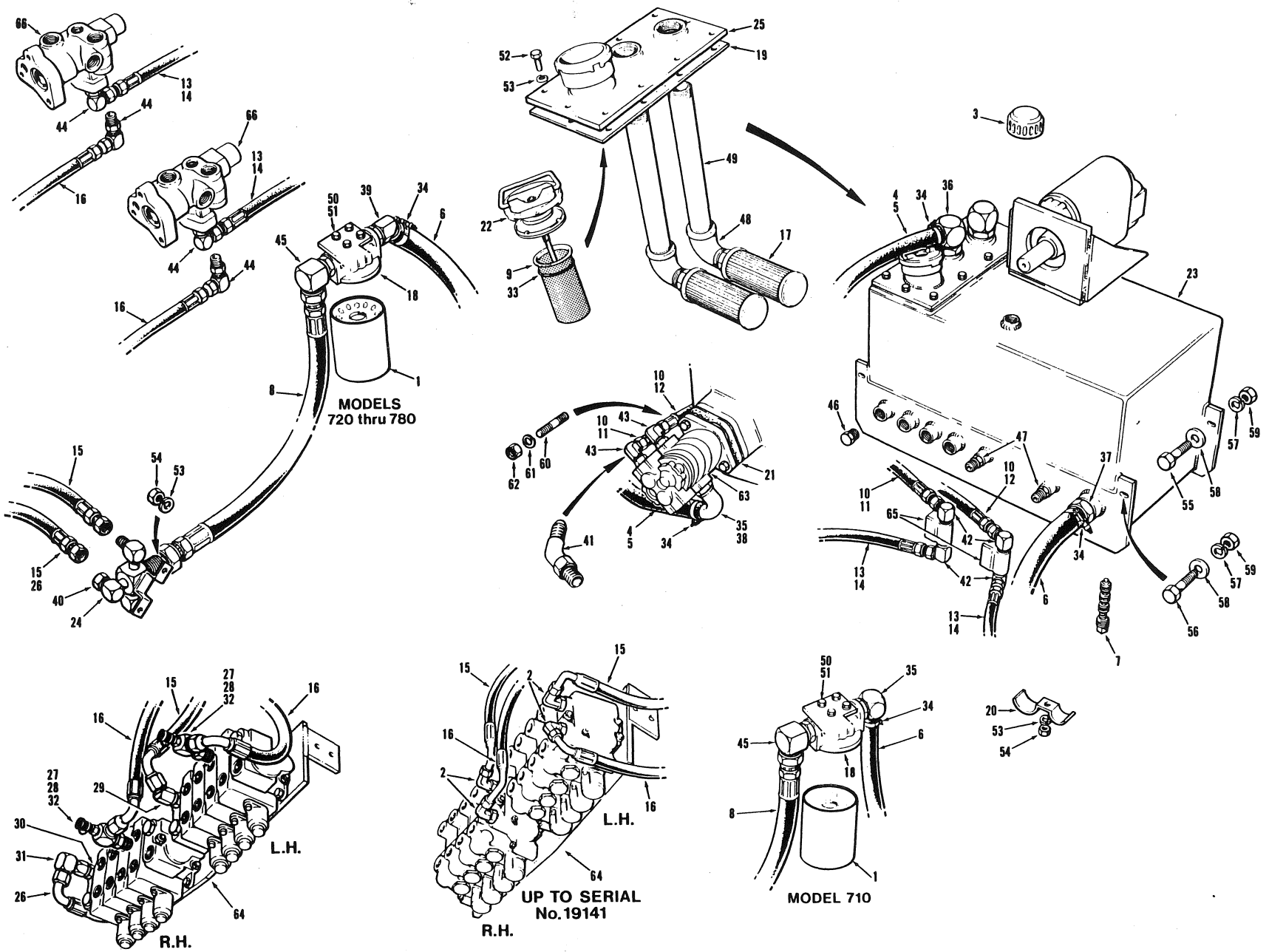
USE ONLY CHAMPION APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

PRIMARY HYDRAULIC CIRCUIT - OIL DISC BRAKES - MODEL 720 THRU 780

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	13028	FILTER ELEMENT - INCLUDES GASKET	1	
2	14292	CONNECTOR	2	
3	14379 X 90	HOSE	1	
4	*16894	AIR BREATHER	1	
5	17156 X 24	HOSE	1	
6	17156 X 67	HOSE	1	
7	27449	MAGNETIC PLUG	1	
8	27739 X 60	HOSE	1	
9	28008	STRAINER - INCLUDES ITEM 27	1	
10	28485 X 28	HOSE	2	740/780
11	28485 X 42	HOSE	1	720/730
12	28485 X 47	HOSE	1	720/730
13	28485 X 90	HOSE	2	
14	28485 X 155	HOSE	2	
15	32668	STRAINER	2	
16	40288	CROSS	1	
17	40290	CROSS	1	
18	40320	OIL FILTER - INCLUDES ITEM 1	1	
19	40425	GASKET	1	
20	40505	TUBE	1	
21	40506	TUBE	1	
22	40854	CLAMP	1	
23	42794	GASKET	1	
24	*44672	FILLER CAP - INCLUDES DIPSTICK	1	
25	*45356	HYDRAULIC OIL TANK	1	
26	*50043	ACCESS PLATE	1	
27	12A-228	O RING	1	
28	22A-200	CLAMP	4	
29	108A-2424	CONNECTOR	4	
30	108C-2424	CONNECTOR	1	
31	108G-2420	CONNECTOR	1	
32	108H-2420	CONNECTOR	1	
33	110E-08	CAP	1	
34	110E-12	CAP	1	
35	111A-1212	CONNECTOR	4	740/780
36	111B-1210	CONNECTOR	4	
37	111B-1212	CONNECTOR	2	720/730
38	111B-1216	CONNECTOR	2	720/730
			4	740/780
39	111B-2420	CONNECTOR	1	
40	111E-1212	CONNECTOR	2	
41	111E-1216	CONNECTOR	2	720/730
42	111H-12	PLUG	3	
43	111P-10	CONNECTOR	2	
44	112A-12	CONNECTOR	1	
45	112B-12	CONNECTOR	4	
46	115E-08	PLUG	1	
47	115J-2424	ELBOW	2	
48	*115Z-2420	NIPPLE	2	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
49	50A-0508	BOLT	4	
50	14A-05	LOCKWASHER	4	
51	50A-0608	BOLT	10	
52	14A-06	LOCKWASHER	11	
53	30A-06	NUT	4	
54	50A-1016	BOLT	2	
55	50A-1018	BOLT	2	
56	14A-10	LOCKWASHER	4	
57	14C-10	FLATWASHER	4	
58	30A-10	NUT	4	
59	350A-12040	BOLT	2	
60	354A-12090	STUD	2	
61	314A-12	LOCKWASHER	2	
62	330A-12	NUT	2	
		RELIEF VALVE ASSEMBLY		
63	40503	RELIEF VALVE ASSEMBLY - 1900 p.s.i. - INCLUDES ITEMS 64 TO 75	2	
	27547	SERVICE KIT - INCLUDES ITEMS 64 & 65	A.R.	
64		POPPET	1	
65		PISTON RING	1	
	*45549	SEAL KIT - INCLUDES ITEMS 66 TO 69	A.R.	
66		O RING	1	
67		O RING	1	
68		O RING	1	
69		BACK UP WASHER	1	
70	27552	SPRING	1	
71	50067	SHIM - .010"(0.25mm) THICK	A.R.	
72	50066	SHIM - .020"(0.51mm) THICK	A.R.	
73	50065	SHIM - .040"(1.02mm) THICK	A.R.	
74		CAP	1	
75		BODY	1	
76		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
77		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
78		HYDRAULIC BRAKE VALVE	REF.	SECTION 9 PAGE 18



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **3 REVISION B**

PRIMARY HYDRAULIC CIRCUIT - OIL DISC BRAKES - MODELS 710 THRU 780

OCTOBER 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

18578, 18590, 18592 to 20094

700 SERIES
SERIE 700

SECTION 4 PAGE 19
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

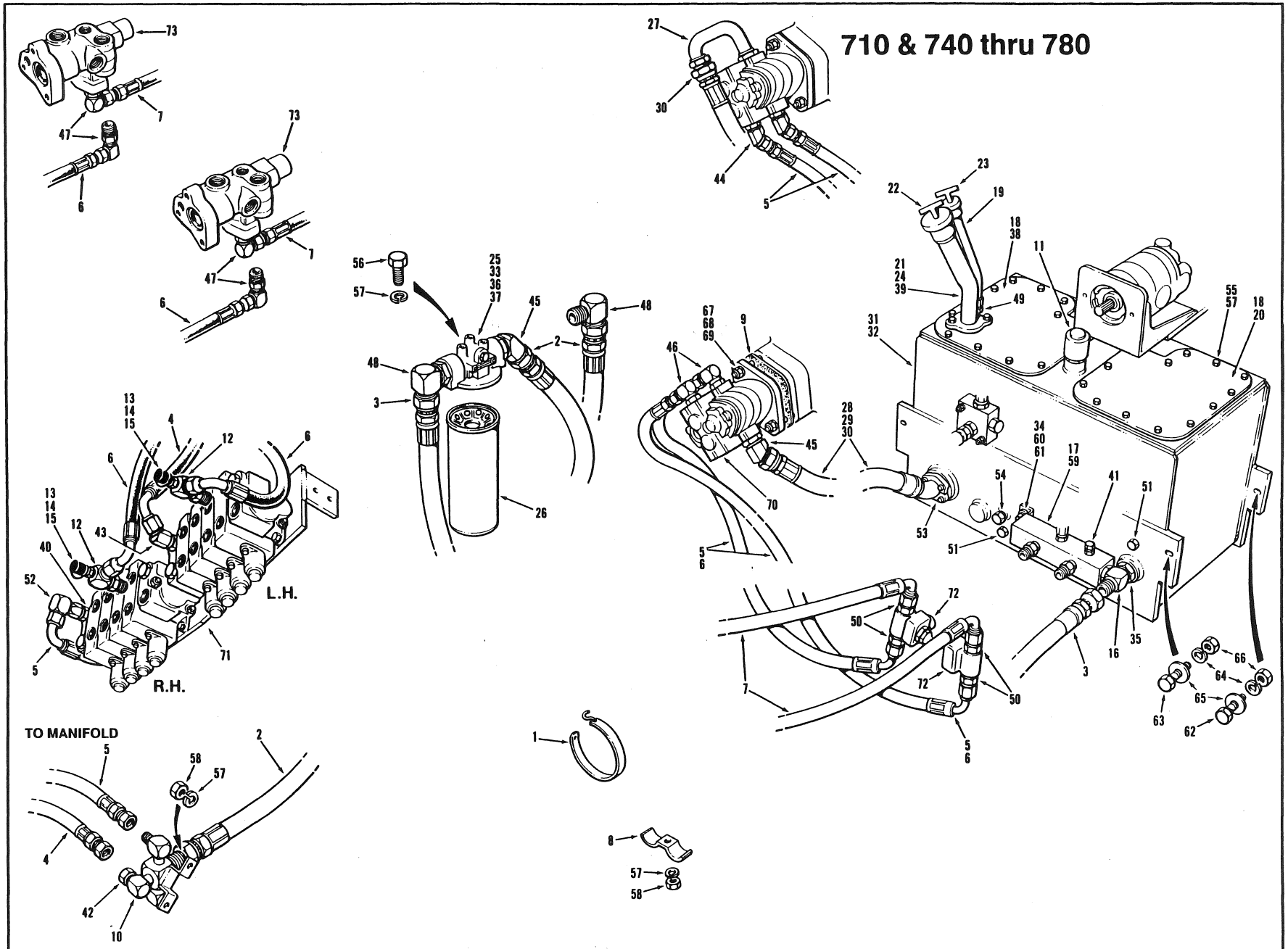
PRIMARY HYDRAULIC CIRCUIT - OIL DISC BRAKES - MODELS 710 THRU 780

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	13028	FILTER ELEMENT - INCLUDES GASKET	1	
2	14292	CONNECTOR	4	UP TO S/N 19141
3	16894	AIR BREATHER	1	
4	17156X24	HOSE	1	720 thru 780
5	17156X26	HOSE	1	710
6	17156X67	HOSE	1	
7	27449	MAGNETIC PLUG	1	
8	27739X60	HOSE	1	
9	28008	STRAINER - INCLUDES ITEM 33	1	
10	28485X28	HOSE	2	740 thru 780
11	28485X42	HOSE	1	710 thru 730
12	28485X47	HOSE	1	710 thru 730
13	28485X90	HOSE	2	720 thru 780
14	28485X108	HOSE	2	710
15	28696X24	HOSE	1 or 2	
16	28696X55	HOSE	2	
17	32668	STRAINER	1	
18	40320	OIL FILTER - INCLUDES ITEM 1	1	
19	40425	GASKET	1	
20	40854	CLAMP	3	
21	42794	GASKET	1	
22	44672	FILLER CAP - INCLUDES DIPSTICK	1	
23	45356	HYDRAULIC OIL TANK	1	
24	45942	CROSS	1	
25	50043	ACCESS PLATE	1	
26	28696X36	HOSE	1	S/N 19306 & UP
27	*49837	CONNECTOR	2	
28	*51286	QUICK DISCONNECT COUPLING - MALE	2	
	*51287	QUICK DISCONNECT COUPLING - FEMALE - (FOR TESTING)	1	
29	111A-1210	CONNECTOR	1	
30	111E-1210	CONNECTOR	1	
31	112B-12	ELBOW	1	
32	*51288	DUST CAP	2	
33	12A-228	O RING	1	
34	22A-200	CLAMP	4	
35	108A-2420	CONNECTOR	1	710 & 740 thru 780
36	108A-2424	CONNECTOR	4	
37	108C-2424	CONNECTOR	1	
38	108G-2420	CONNECTOR	1	720 & 730
39	108H-2420	CONNECTOR	1	720 thru 780
40	110E-12	CAP	1	
41	111A-1212	CONNECTOR	2	740 thru 780
42	111B-1210	CONNECTOR	4	
43	111B-1212	CONNECTOR	2	710 thru 730
44	111B-1216	CONNECTOR	4	
45	111B-2420	CONNECTOR	1	
46	111H-12	PLUG	3	
47	111P-10	CONNECTOR	2	
48	115J-2424	ELBOW	2	
49	115Z-2420	NIPPLE	2	
50	50A-0508	BOLT	4	
51	14A-05	LOCKWASHER	4	
52	50A-0608	BOLT	10	
53	14A-06	LOCKWASHER	15	
54	30A-06	NUT	5	
55	50A-1016	BOLT	2	
56	50A-1018	BOLT	2	
57	14A-10	LOCKWASHER	4	
58	14C-10	FLATWASHER	4	
59	30A-10	NUT	4	
60	354E-12075	STUD	2	
61	314A-12	LOCKWASHER	2	
62	330A-12	NUT	2	
63		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
64		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
65		RELIEF VALVE ASSEMBLY	REF.	SECTION 4 PAGE 16
66		HYDRAULIC BRAKE VALVE	REF.	SECTION 9 PAGE 18

EFFECTIVE SERIAL NUMBER(S) 20121 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 4 PAGE 19
SECCION 4 PAGINA 19



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

PRIMARY HYDRAULIC CIRCUIT - OIL DISC BRAKES - MODELS 710 THRU 780

SEPTEMBER 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

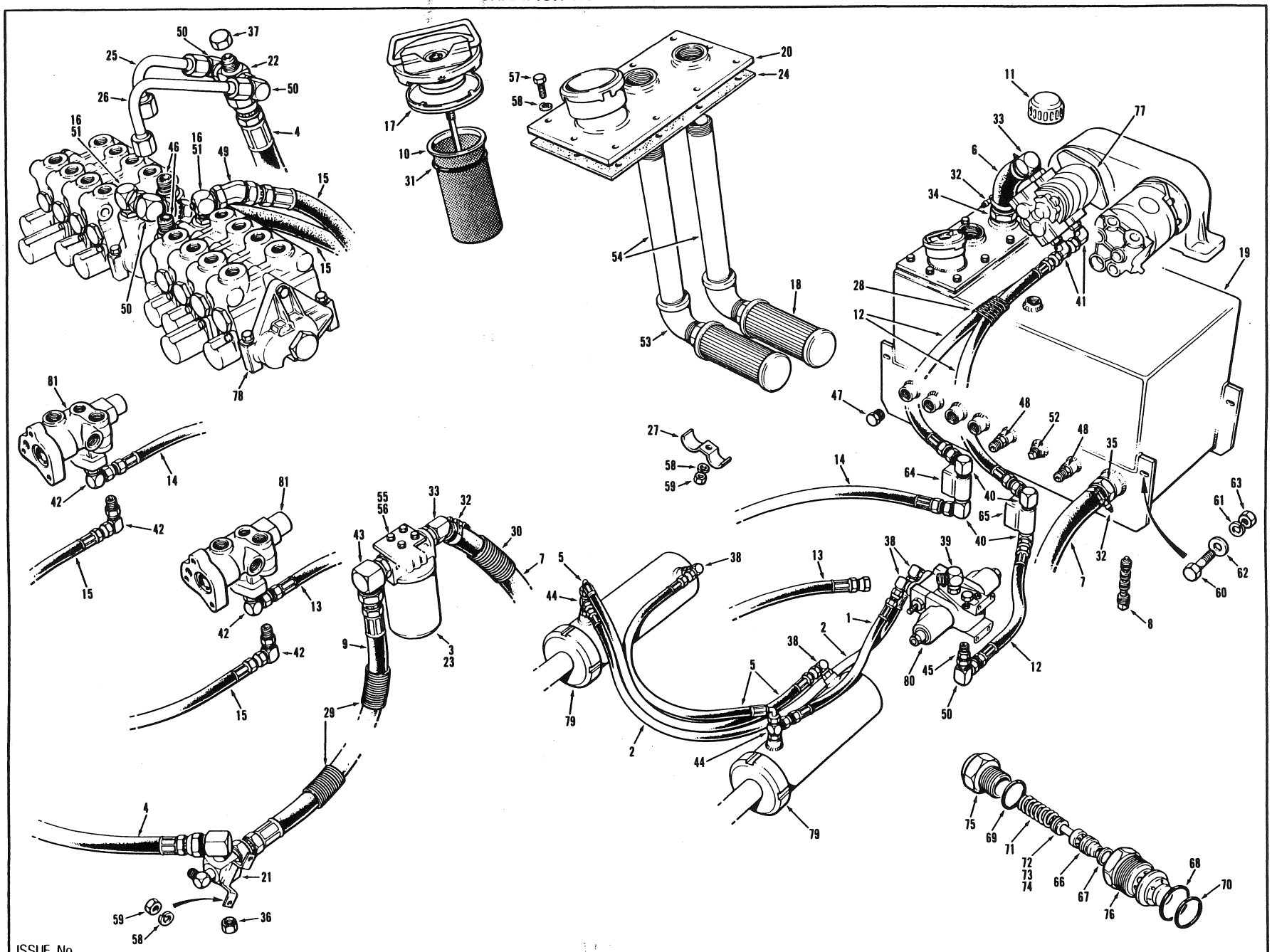
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

SECTION / SECCION 4 | PAGE / PAGINA 20 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 4

PRIMARY HYDRAULIC CIRCUIT - OIL DISC BRAKES - MODELS 710 THRU 780

SEPTEMBER 1989

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	19588	STRAP	3	
2	*27739 x 72	HOSE	1	
3	*27739 x 76	HOSE	1	
4	28696 x 24	HOSE	1	
5	28696 x 36	HOSE	1 or 3	1 - 710 thru 730
				3 - 740 thru 780
6	28696 x 55	HOSE	2 or 4	2 - 740 thru 780
				4 - 710 thru 730
7	* 28696 x 90	HOSE	2	
8	40854	CLAMP	1	
9	42794	GASKET	1	
10	45942	CROSS	1	
11	*48878	BREATHER	1	
12	*49837	CONNECTOR	2	
13	*51286	CONNECTOR	2	
14	*51287	QUICK DISCONNECT COUPLER	2	
15	*51288	DUST CAP	2	
16	*53378	TEE	1	
17	*53379	MANIFOLD	1	
18	53439	GASKET - COVER PLATE	2	
19	*53466	NECK ASSEMBLY - DIP STICK	2	
20	*53469	COVER PLATE - L.H.	1	
21	*53488	GASKET - FILLER NECK	1	
22	*53491	CAP	1	
23	*53492	DIP STICK	1	
24	*53495	STRAINER	1	
25	*53510	FILTER ASSEMBLY-INDICATOR C/W ITEMS 26 & 36	1	
26	*53527	FILTER ELEMENT	1	
27	*53563	TUBE	1	740 thru 780
28	*53568 x 24	HOSE	1	720 thru 730
29	*53568 x 29.25	HOSE	1	710
30	*53568 x 31.5	HOSE	1	740 thru 780
31	*54021	HYDRAULIC OIL TANK	1	
32	*54040	MAGNETIC PLUG	1	
33	*54041	FILTER ASSEMBLY - NO INDICATOR C/W ITEMS 26 & 37	1	
34	*54055	BRACKET	1	
35	*54137	DIFFUSER	1	
36	*54171	HEAD - INDICATOR	1	
37	*54172	HEAD - NO INDICATOR	1	
38	*54352	COVER PLATE - R.H.	1	
39	*54353	FILLER NECK	1	
40	*54416	CONNECTOR	1	
41	*110E-04	CAP	1	
42	110E-12	CAP	1	
43	111A-1210	CONNECTOR	1	
44	111A-1212	CONNECTOR	2	740 thru 780
45	*111A2420	CONNECTOR	1 or 2	
46	111B-1212	CONNECTOR	2	710 thru 730
47	111B-1216	CONNECTOR	4	
48	111B-2420	CONNECTOR	1 or 2	
49	*111E-0808	CONNECTOR	1	
50	*111E-1212	CONNECTOR	4	
51	*111H-08	PLUG	2	
52	112B-12	CONNECTOR	1	
53	*114D-24	FLANGE KIT - C/W O RING & HARDWARE	1	
54	*115C-08	PLUG	1	
55	50A-0608	BOLT	26	
56	*50A-0612	BOLT	3	
57	14A-06	LOCKWASHER	32	
58	30A-06	NUT	3	
59	*50A-0808	BOLT	1	
60	*14A-08	LOCKWASHER	1	
61	*30A-08	NUT	1	
62	50A-1016	BOLT	2	
63	50A-1018	BOLT	2	
64	14A-10	LOCKWASHER	4	
65	14C-10	FLATWASHER	4	
66	30A-10	NUT	4	
67	354E-12075	STUD	2	
68	314A-12	LOCKWASHER	2	
69	330A-12	NUT	2	
70		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
71		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
72		RELIEF VALVE ASSEMBLY	REF.	SECTION 4 PAGE 14
73		HYDRAULIC BRAKE VALVE	REF.	SECTION 9 PAGE 18



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

PRIMARY HYDRAULIC CIRCUIT - OIL DISC BRAKES - MODEL 720A THRU 740A

APRIL 1986

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

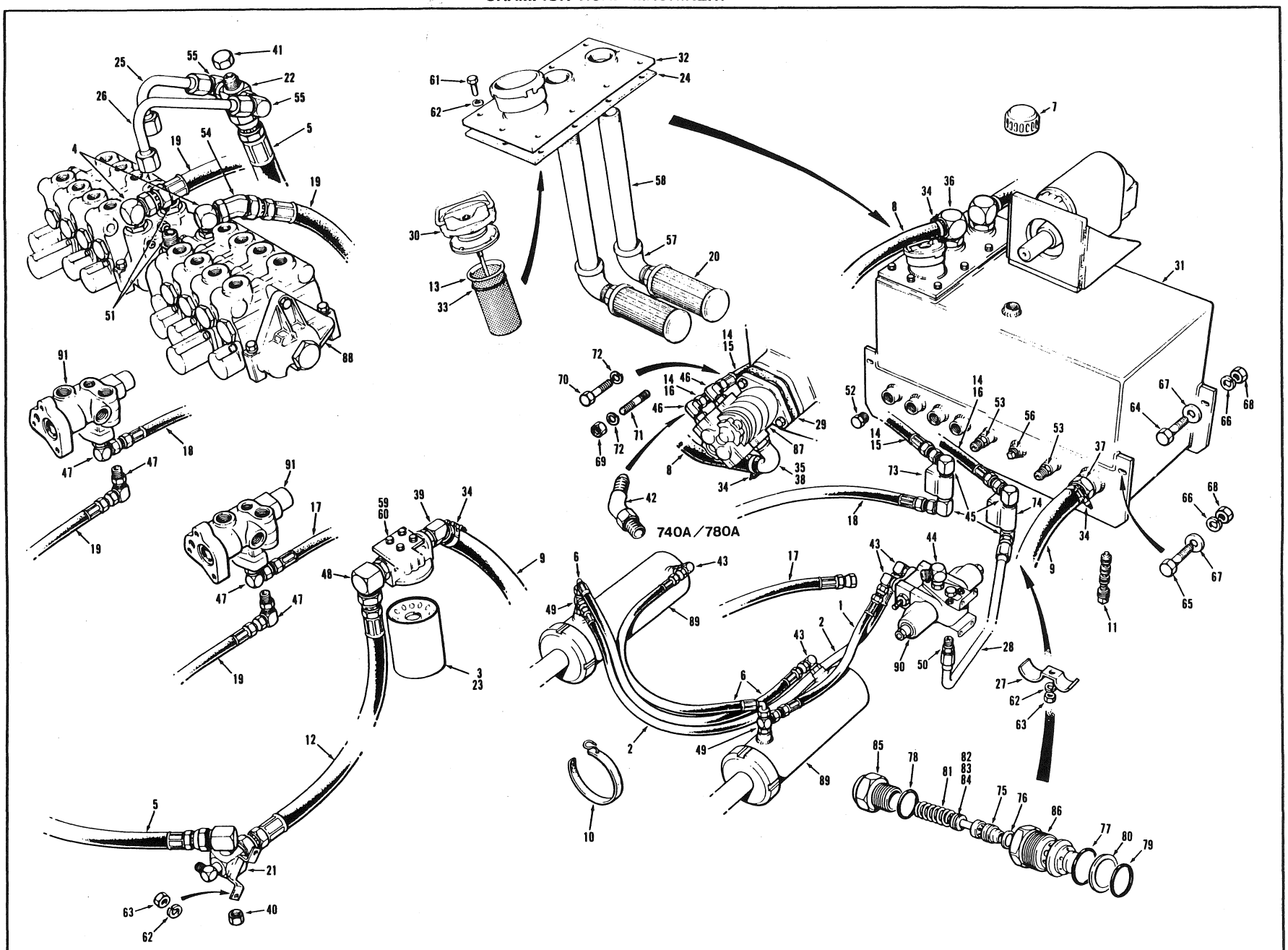
EFFECTIVE SERIAL NUMBER(S) 16224,16245 TO 16797
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 TO 2419-2

700 SERIES
SERIE 700

SECTION 4 PAGE 21
SECCION 4 PAGINA 21

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	9313 X 28	HOSE	1	
2	9313 X 53.5	HOSE	1	
3	13028	FILTER ELEMENT - INCLUDES GASKET	1	
4	14379 X90	HOSE	2	
5	14382 X 36	HOSE	2	
6	17156 X 8.5	HOSE	1	
7	17156 X 67	HOSE	1	
8	27449	MAGNETIC PLUG	1	
9	27739 X 109	HOSE	1	
10	28008	STRAINER - INCLUDES ITEM - 31	1	
11	16894	AIR BREATHER	1	
12	28485 X 28	HOSE	3	
13	28485 X 64	HOSE	1	
14	28485 X 108	HOSE	1	
15	28485 X 155	HOSE	2	
16	32589	CONNECTOR - INCLUDES ITEM - 51	2	
17	42167	FILLER CAP - INCLUDES DIPSTICK	1	
18	32668	STRAINER	2	
19	40219	HYDRAULIC OIL TANK	1	
20	40236	ACCESS PLATE	1	
21	40288	CROSS	1	
22	40290	CROSS	1	
23	40320	OIL FILTER - INCLUDES ITEM - 3	1	
24	40425	GASKET	1	
25	40505	TUBE	1	
26	40506	TUBE	1	
27	40975	CLAMP	A.R.	
28	41646 X 6	HOSE PROTECTOR	2	
29	41648 X 6	HOSE PROTECTOR	2	
30	41715 X 6	HOSE PROTECTOR	2	
31	12A-228	O RING	1	AS REQ'D
32	22A-200	CLAMP	14	
33	108A-2420	CONNECTOR	1	
34	108C-2420	CONNECTOR	1	
35	108C-2424	CONNECTOR	1	
36	110E-08	CAP	1	
37	110E-12	CAP	1	
38	111B-0808	CONNECTOR	4	
39	111B-1208	CONNECTOR	1	
40	111B-1210	CONNECTOR	4	
41	111B-1212	CONNECTOR	2	
42	111B-1216	CONNECTOR	4	
43	111B-2420	CONNECTOR	1	
44	111D-0808	TEE	2	
45	111E-1208	CONNECTOR	1	
46	111E-1212	CONNECTOR	2	
47	111H-12	PLUG	A.R.	
48	111P-1010	CONNECTOR	2	
49	112A-12	CONNECTOR	1	
50	112B-12	CONNECTOR	3	
51	115D-02	PLUG	2	
52	115E-08	PLUG	1	
53	115J-2424	ELBOW	2	
54	115Z-2424	NIPPLE	2	
55	50A-0508	BOLT	4	
56	14A-05	LOCKWASHER	4	
57	50A-0608	BOLT	A.R.	
58	14A-06	LOCKWASHER	A.R.	
59	30A-06	NUT	A.R.	
60	50A-1016	BOLT	4	
61	14A-10	LOCKWASHER	4	
62	14C-10	FLATWASHER	4	
63	30A-10	NUT	4	
		RELIEF VALVE ASSEMBLY		
64	40503	RELIEF VALVE ASSY. - 1900 p.s.i. - INCLUDES ITEMS 66 TO 76	1	
65	40504	RELIEF VALVE ASSY. - 2100 p.s.i. - INCLUDES ITEMS 66 TO 76	1	
	27547	SERVICE KIT - INCLUDES ITEMS 66 & 67	A.R.	
66		POPPET	1	
67		PISTON RING	1	
	27551	SEAL KIT INCLUDES ITEMS 68 TO 71	A.R.	
68		O RING	1	
69		O RING	1	
70		O RING	1	
71	27552	SPRING	1	
72	50067	SHIM - 0.10" (0.25mm) THICK	A.R.	
73	50066	SHIM - 0.20" (0.51mm) THICK	A.R.	
74	50065	SHIM - 0.40" (1.02mm) THICK	A.R.	
75		CAP	1	
76		BODY	1	
77		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
78		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
79		ARTICULATION CYLINDER ASSEMBLY	REF.	SECTION 4 PAGE 18
80		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGE 38
81		HYDRAULIC BRAKE VALVE	REF.	SECTION 9 PAGE 18



PRIMARY HYDRAULIC CIRCUIT - OIL DISC BRAKES - MODEL 720A THRU 780A

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION B

AUGUST 1987

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16799 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2420-2 & UP

700 SERIES
SERIE 700

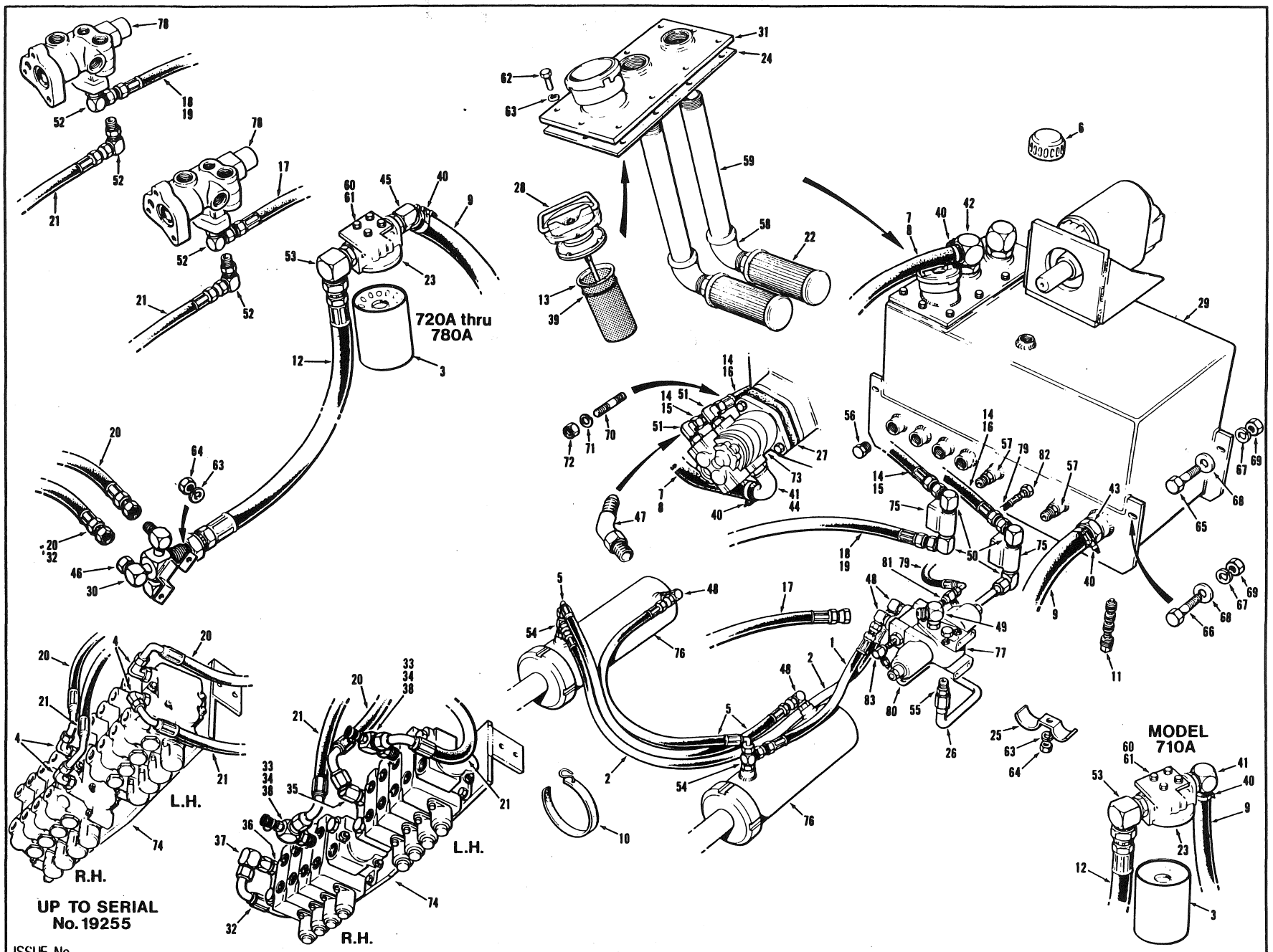
SECTION 4 PAGE 21
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

SECTION / SECCION 4 — PAGE / PAGINA 22 — ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 2 REV. B

PRIMARY HYDRAULIC CIRCUIT-OIL DISC BRAKES-MODEL 720A THRU 780A AUGUST 1987

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	9313 X 28	HOSE	1	
2	9313 X 53.5	HOSE	1	
3	13028	FILTER ELEMENT - INCLUDES GASKET	1	
4	14292	CONNECTOR	2	
5	14379 X90	HOSE	2	
6	14382 X 36	HOSE	2	
7	16894	AIR BREATHER	1	
8	17156 X 24	HOSE	1	
9	17156 X 67	HOSE	1	
10	19588	STRAP	2	
11	27449	MAGNETIC PLUG	1	
12	27739 X 109	HOSE	1	
13	28008	STRAINER - INCLUDES ITEM - 33	1	
14	28485 X 28	HOSE	2	L-10-C
15	28485 X 42	HOSE	1	6CT8.3
16	28485 X 47	HOSE	1	6CT8.3
17	28485 X 64	HOSE	1	
18	28485 X 90	HOSE	1	
19	28485 X 155	HOSE	2	
20	32668	STRAINER	2	
21	40288	CROSS	1	
22	40290	CROSS	1	
23	40320	OIL FILTER - INCLUDES ITEM - 3	1	
24	40425	GASKET	1	
25	40505	TUBE	1	
26	40506	TUBE	1	
27	40854	CLAMP	1	
28	42292	TUBE	1	
29	42794	GASKET	1	
30	*44672	FILLER CAP - INCLUDES DIPSTICK	1	
31	*45356	HYDRAULIC OIL TANK	1	
32	*50043	ACCESS PLATE	1	
33	12A-228	O RING	1	
34	22A-200	CLAMP	4	
35	108A-2420	CONNECTOR	1	L-10-C
36	108A-2424	CONNECTOR	1	
37	108C-2424	CONNECTOR	1	
38	108G-2420	CONNECTOR	1	6CT8.3
39	108H-2420	CONNECTOR	1	
40	110E-08	CAP	1	
41	110E-12	CAP	1	
42	111A-1212	CONNECTOR	2	L-10-C
43	111B-0808	CONNECTOR	4	
44	111B-1208	CONNECTOR	1	
45	111B-1210	CONNECTOR	4	
46	111B-1212	CONNECTOR	2	6CT8.3
47	111B-1216	CONNECTOR	4	
48	111B-2420	CONNECTOR	1	
49	111D-0808	TEE	2	
50	111E-1208	CONNECTOR	1	
51	111E-1212	CONNECTOR	2	
52	111H-12	PLUG	3	
53	111P-10	CONNECTOR	2	
54	112A-12	CONNECTOR	1	
55	112B-12	CONNECTOR	5	
56	115E-08	PLUG	1	
57	115J-2424	ELBOW	2	
58	*115Z-2420	NIPPLE	2	
59	50A-0508	BOLT	4	
60	14A-05	LOCKWASHER	4	
61	50A-0608	BOLT	A.R.	
62	14A-06	LOCKWASHER	A.R.	
63	30A-06	NUT	A.R.	
64	50A-1016	BOLT	2	
65	50A-1018	BOLT	2	
66	14A-10	LOCKWASHER	4	
67	14C-10	FLATWASHER	4	
68	30A-10	NUT	4	
69	330A-12	NUT	2	
70	350A-12075	BOLT	2	
71	354A-12090	STUD	2	
72	314A-12	LOCKWASHER	2	
		RELIEF VALVE ASSEMBLY		
73	40503	RELIEF VALVE ASSY. - 1900 p.s.i. - INCLUDES ITEMS 75 TO 86	1	
74	40504	RELIEF VALVE ASSY. - 2100 p.s.i. - INCLUDES ITEMS 75 TO 86	1	
	27547	SERVICE KIT - INCLUDES ITEMS 75 & 76	A.R.	
75		POPPET	1	
76		PISTON RING	1	
	*45549	SEAL KIT INCLUDES ITEMS 77 TO 80	A.R.	
77		O RING	1	
78		O RING	1	
79		O RING	1	
80		BACK UP WASHER	1	
81	27552	SPRING	1	
82	50067	SHIM - 0.10" (0.25mm) THICK	A.R.	
83	50066	SHIM - 0.20" (0.51mm) THICK	A.R.	
84	50065	SHIM - 0.40" (1.02mm) THICK	A.R.	
85		CAP	1	
86		BODY	1	
87		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
88		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
89		ARTICULATION CYLINDER ASSEMBLY	REF.	SECTION 4 PAGE 18
90		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGE 38
91		HYDRAULIC BRAKE VALVE	REF.	SECTION 9 PAGE 18



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

18578, 18590, 18592 to 20096
EXCLUDING 19984

700 SERIES
SERIE 700

SECTION 4 PAGE 21
SECCION PAGINA

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3 REVISION B

PRIMARY HYDRAULIC CIRCUIT - OIL DISC BRAKES - MODELS 710A THRU 780A

OCTOBER 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

PRIMARY HYDRAULIC CIRCUIT - OIL DISC BRAKES - MODELS 710A THRU 780A

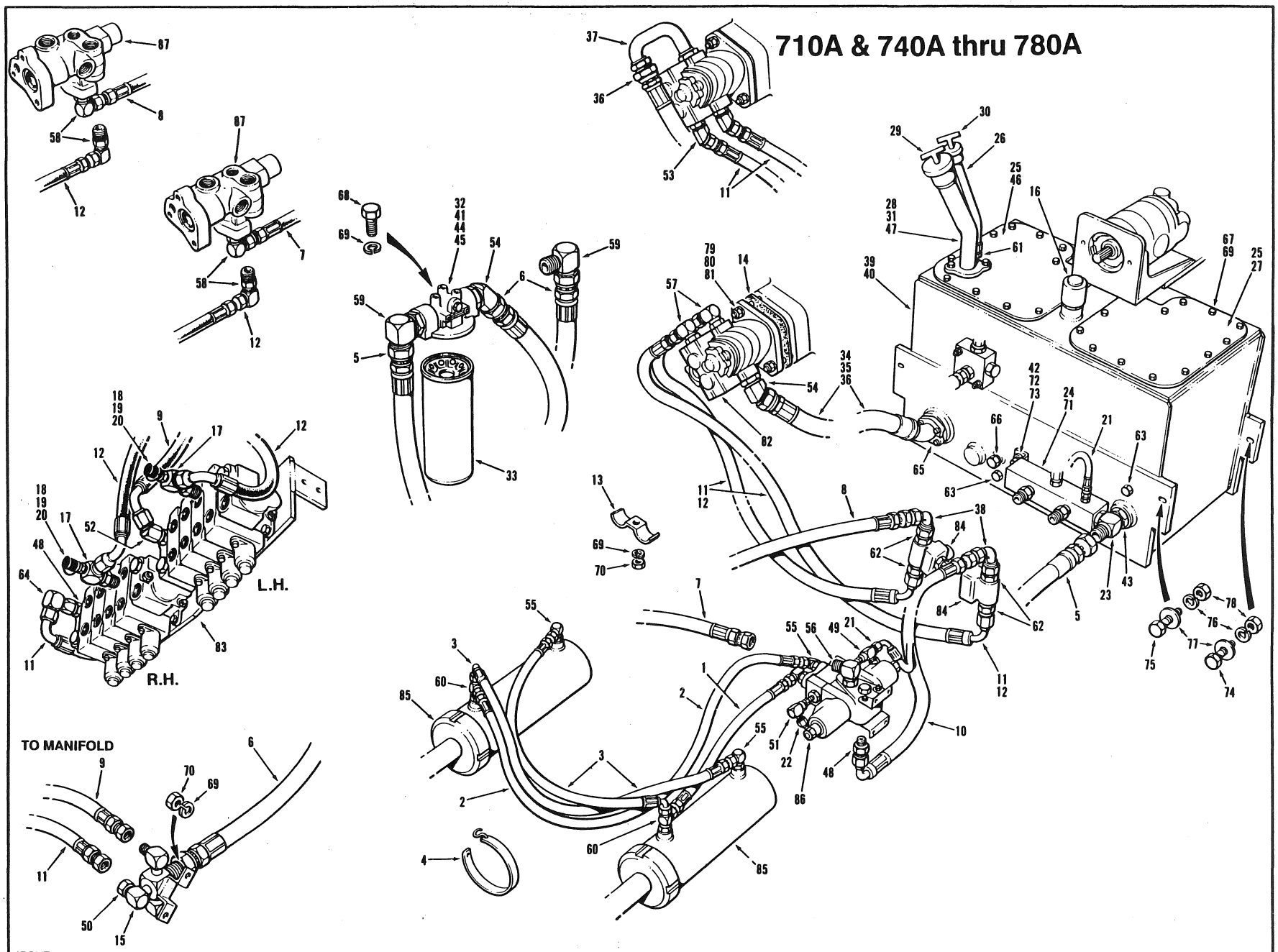
No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	9313X28	HOSE	1	
2	9313X53.5	HOSE	1	
3	13028	FILTER ELEMENT - INCLUDES GASKET	1	
4	14292	CONNECTOR	4	UP TO S/N 19255
5	14382X36	HOSE	2	
6	16894	AIR BREATHER	1	
7	17156X24	HOSE	1	720A thru 780A
8	17156X26	HOSE	1	710A
9	17156X67	HOSE	1	
10	19588	STRAP	3	
11	27449	MAGNETIC PLUG	1	
12	27739X109	HOSE	1	
13	28008	STRAINER - INCLUDES ITEM 39	1	
14	28485X28	HOSE	2	740A thru 780A
15	28485X42	HOSE	1	710A thru 730A
16	28485X47	HOSE	1	710A thru 730A
17	28485X64	HOSE	1	
18	28485X90	HOSE	1	720A thru 780A
19	28485X108	HOSE	1	710A
20	28696X24	HOSE	2	
21	28696x55	HOSE	2	
22	32668	STRAINER	2	
23	40320	OIL FILTER - INCLUDES ITEM 3	1	
24	40425	GASKET	1	
25	40854	CLAMP	3	
26	42292	TUBE	1	
27	42794	GASKET	1	
28	44672	FILLER CAP - INCLUDES DIPSTICK	1	
29	45356	HYDRAULIC OIL TANK	1	
30	45942	CROSS	1	
31	50043	ACCESS PLATE	1	
32	28696X36	HOSE	1	S/N 19292 & UP
33	*51286	QUICK DISCONNECT COUPLING - MALE	2	
	*51287	QUICK DISCONNECT COUPLING - FEMALE (FOR TESTING)	1	
34	*51288	DUST CAP	2	
35	111A-1210	CONNECTOR	1	
36	111E-1210	CONNECTOR	1	
37	112B-12	ELBOW	1	
38	*49837	CONNECTOR	2	
39	12A-228	O RING	1	
40	22A-200	CLAMP	4	
41	108A-2420	CONNECTOR	1	710A & 740A thru 780A
42	108A-2424	CONNECTOR	1	
43	108C-2424	CONNECTOR	1	
44	108G-2420	CONNECTOR	1	710A thru 730A
45	108H-2420	CONNECTOR	1	720A thru 780A
46	110E-12	CAP	1	
47	111A-1212	CONNECTOR	2	740A thru 780A
48	111B-0808	CONNECTOR	4	
49	111B-1208	CONNECTOR	1	
50	111B-1210	CONNECTOR	4	
51	111B-1212	CONNECTOR	2	710A thru 730A
52	111B-1216	CONNECTOR	4	
53	111B-2420	CONNECTOR	1	
54	111D-0808	TEE	2	
55	111E-1208	CONNECTOR	1	
56	111H-12	PLUG	3	
57	111P-10	CONNECTOR	2	
58	115J-2424	ELBOW	2	
59	115Z-2420	NIPPLE	2	
60	50A-0508	BOLT	4	
61	14A-05	LOCKWASHER	4	
62	50A-0608	BOLT	10	
63	14A-06	LOCKWASHER	15	
64	30A-06	NUT	5	
65	50A-1016	BOLT	2	
66	50A-1018	BOLT	2	
67	14A-10	LOCKWASHER	4	
68	14C-10	FLATWASHER	4	
69	30A-10	NUT	4	
70	354E-12075	STUD	2	
71	314A-12	LOCKWASHER	2	
72	330A-12	NUT	2	
73		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
74		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
75		RELIEF VALVE ASSEMBLY	REF.	SECTION 4 PAGE 14
76		ARTICULATION CYLINDER ASSEMBLY	REF.	SECTION 4 PAGES 14 & 18
77		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGE 38
78		HYDRAULIC BRAKE VALVE	REF.	SECTION 9 PAGE 18
79	*52086 x 35	HOSE	1	
80	*52087	TUBE	1	
81	110AE-0402	TEE	1	
82	*110G-0408	CONNECTOR	1	
83	*110U-0402	CONNECTOR	1	

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

19982, 19984, 20106, 20165 & UP

700 SERIES
SERIE 700

SECTION 4 PAGE 21
SECCION 4 PAGINA 21



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

PRIMARY HYDRAULIC CIRCUIT - OIL DISC BRAKES - MODELS 710A THRU 780A

SEPTEMBER 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

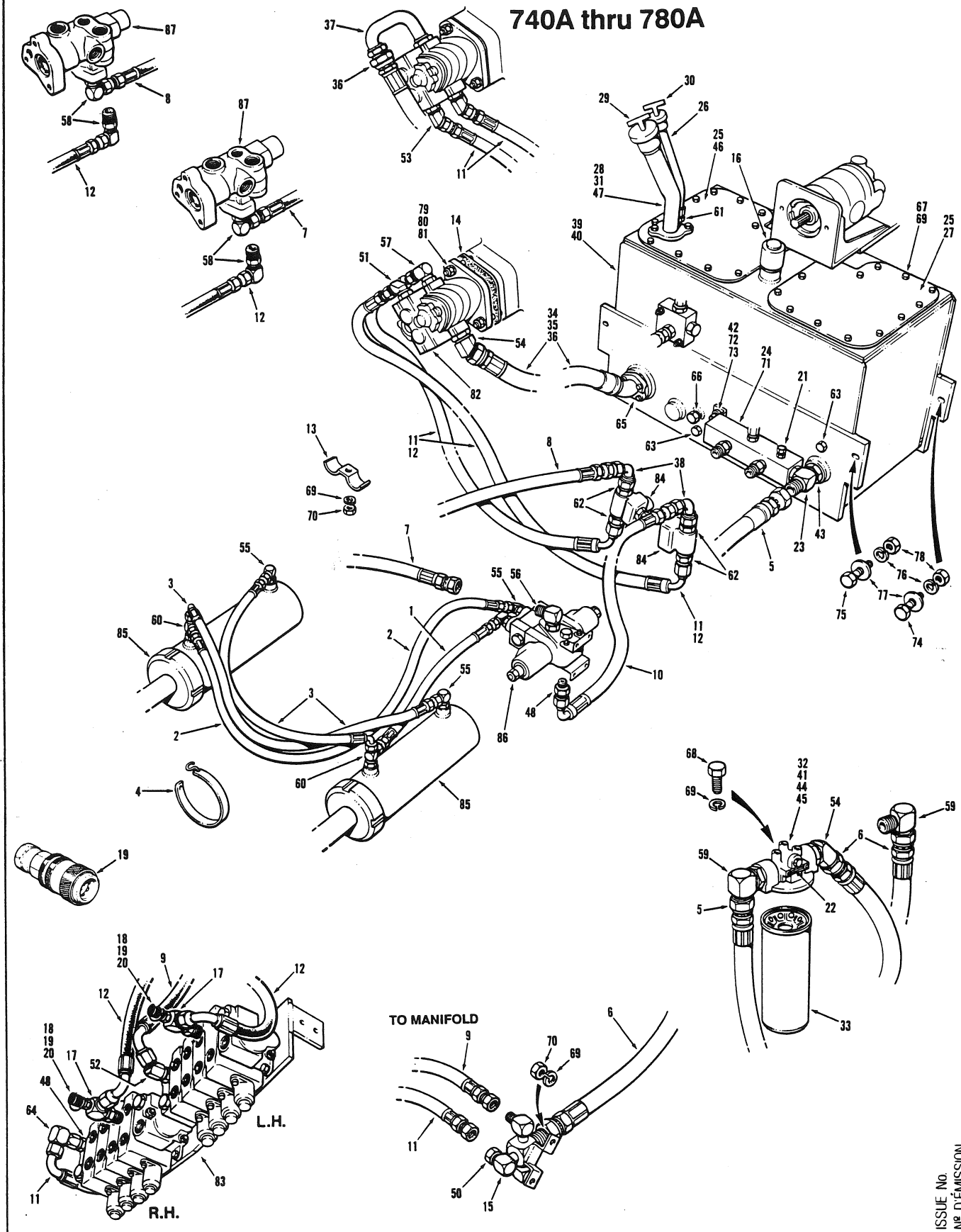
FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

PRIMARY HYDRAULIC CIRCUIT - OIL DISC BRAKES - MODELS 710A THRU 780A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	9313 x 28	HOSE	1	
2	9313 x 53.5	HOSE	1	
3	14382 x 36	HOSE	2	
4	19588	STRAP	3	
5	*27739 x 76	HOSE	1	
6	27739 x 109	HOSE	1	
7	28685 x 64	HOSE	1	
8	28685 x 90	HOSE	1	
9	*28696 x 24	HOSE	1	
10	*28696 x 29	HOSE	1	
11	28696 x 36	HOSE	1 or 3	
12	28696 x 55	HOSE	2 or 4	
13	40854	CLAMP	3	
14	42794	GASKET	1	
15	45942	CROSS	1	
16	*48878	BREATHER	1	
17	*49837	CONNECTOR	2	
18	*51286	CONNECTOR	2	
19	*51287	QUICK DISCONNECT COUPLER	2	
20	*51288	DUST CAP	2	
21	*52086 x 36.5	HOSE	1	
22	*52087	TUBE	1	
23	*53378	TEE	1	
24	*53379	MANIFOLD	1	
25	*53439	GASKET - COVER PLATE	2	
26	*53466	NECK ASSEMBLY - DIP STICK	1	
27	*53469	COVER PLATE - L.H.	1	
28	*53488	GASKET - FILLER NECK	1	
29	*53491	CAP	1	
30	*53492	DIP STICK	1	
31	*53495	STRAINER	1	
32	*53510	FILTER ASSEMBLY - INDICATOR C/W ITEMS 33 & 43	1	
33	*53527	FILTER ELEMENT	1	
34	*53568 x 24	HOSE	1	720A/730A
35	*53568 x 29.25	HOSE	1	710A
36	*53568 x 31.5	HOSE	1	740A thru
37	*53563	TUBE	1	780A
38	*53623	ELBOW	2	
39	*54021	HYDRAULIC OIL TANK	1	
40	*54040	MAGNETIC PLUG	1	
41	*54041	FILTER ASSEMBLY - NO INDICATOR - C/W ITEMS 33 & 44	1	
42	*54055	BRACKET	1	
43	*54137	DIFFUSER	1	
44	*54171	HEAD - INDICATOR	1	
45	*54172	HEAD - NO INDICATOR	1	
46	*54352	COVER PLATE - R.H.	1	
47	*54353	FILLER NECK	1	
48	*54416	CONNECTOR	2	
49	*110AE-0402	TEE	1	
50	110E-12	CAP	1	
51	*110U-0402	CONNECTOR	1	
52	*111A-1210	CONNECTOR	1	
53	111A-1212	CONNECTOR	2	740A thru 780A
54	*111A-2420	CONNECTOR	1 or 2	
55	111B-0808	CONNECTOR	4	
56	111B-1210	CONNECTOR	1	
57	111B-1212	CONNECTOR	2	710A thru 730A
58	111B-1216	CONNECTOR	4	
59	111B-2420	CONNECTOR	1 or 2	
60	111D-0808	TEE	2	
61	*111E-0808	CONNECTOR	1	
62	*111E-1212	CONNECTOR	4	
63	*111H-08	PLUG	2	
64	*112B-12	CONNECTOR	1	
65	*114D-24	FLANGE KIT C/W O RING & HARDWARE	1	
66	*115C-08	PLUG	1	
67	50A-0608	BOLT	26	
68	*50A-0612	BOLT	3	
69	14A-06	LOCKWASHER	32	
70	30A-06	NUT	3	
71	*50A-0808	BOLT	1	
72	*14A-08	LOCKWASHER	1	
73	*30A-08	NUT	1	
74	50A-1016	BOLT	2	
75	50A-1018	BOLT	2	
76	14A-10	LOCKWASHER	4	
77	14C-10	FLATWASHER	4	
78	30A-10	NUT	4	
79	354E-12075	STUD	2	
80	314A-12	LOCKWASHER	2	
81	330A-12	LOCKWASHER	2	
82		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
83		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
84		RELIEF VALVE ASSEMBLY	REF.	SECTION 4 PAGE 14
85		ARTICULATION CYLINDER ASSEMBLY	REF.	SECTION 4 PGS. 14 & 22
86		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGE 38
87		HYDRAULIC BRAKE VALVE	REF.	SECTION 9 PAGE 18

740A thru 780A

JUNE 1990



PRIMARY HYDRAULIC CIRCUIT - OIL DISC BRAKES - Models 710A thru 780A

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5

CHAMPION ROAD MACHINERY

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
20732 & UP

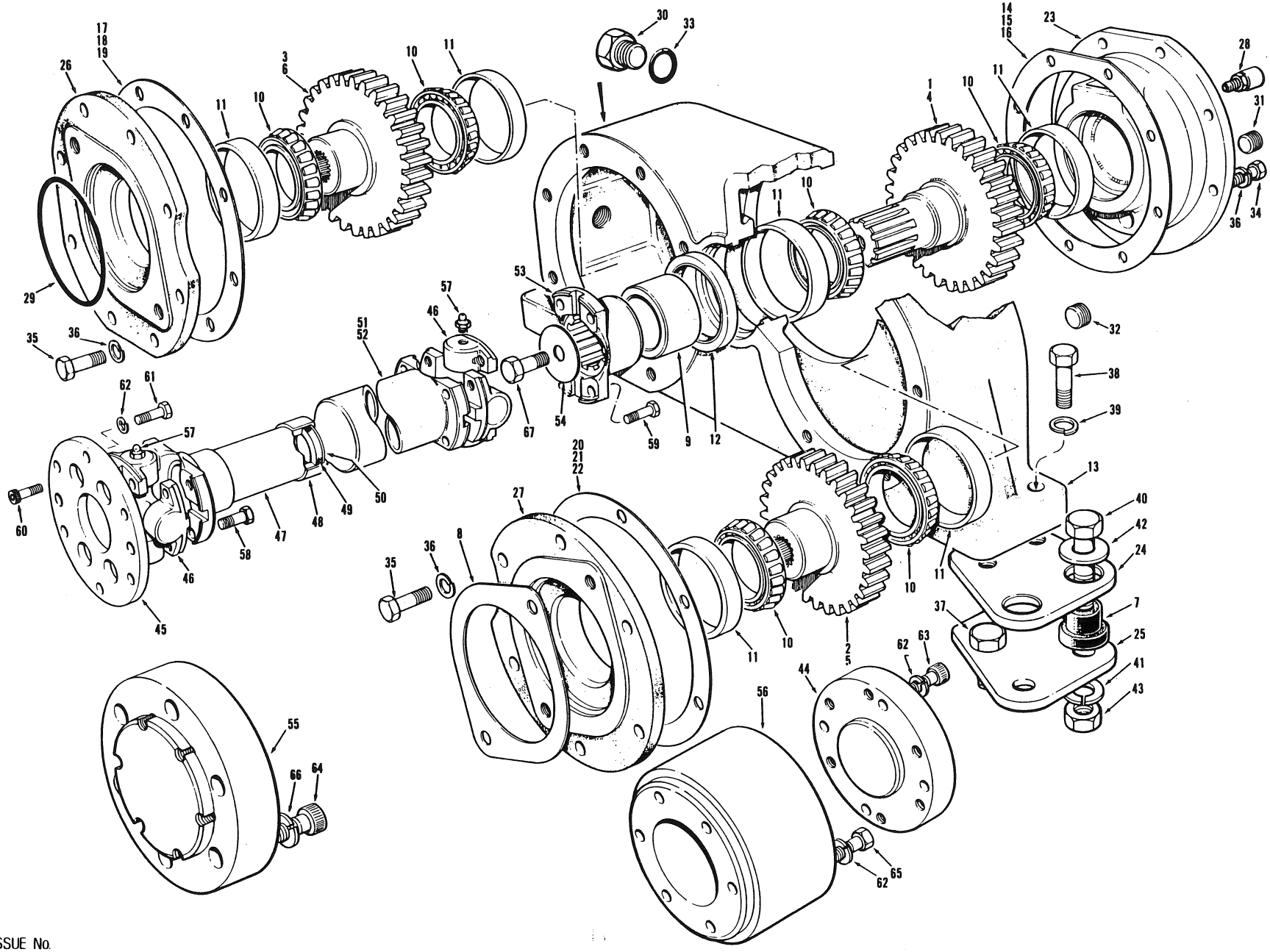
SECTION / SECCION 4 | PAGE / PAGINA 22 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 5

PRIMARY HYDRAULIC CIRCUIT - OIL DISC BRAKES - Models 710A thru 780A

JUNE 1990

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	9313 x 28	HOSE	1	
2	9313 x 53.5	HOSE	1	
3	14382 x 36	HOSE	2	
4	19588	STRAP	3	
5	27739 x 76	HOSE	1	
6	27739 x 109	HOSE	1	
7	*28485 x 52	HOSE	1	
8	*28485 x 90	HOSE	1	
9	28696 x 24	HOSE	1	
10	28696 x 29	HOSE	1	740A thru 780A
11	28696 x 36	HOSE	1 or 3	
12	28696 x 55	HOSE	2 or 4	
13	40854	CLAMP	3	
14	42794	GASKET	1	
15	45942	CROSS	1	
16	48878	BREATHER	1	
17	49837	CONNECTOR	2	
18	51286	QUICK DISCONNECT COUPLER - MALE	2	
19	51287	QUICK DISCONNECT COUPLER - FEMALE (FOR TESTING)	1	IN TOOLBOX
20	51288	DUST CAP	2	
21	*28696 x 27	HOSE	1	710A thru 730A
22	*56824	BY-PASS INDICATOR	1	
23	53378	TEE	1	
24	53379	MANIFOLD	1	
25	53439	GASKET - COVER PLATE	2	
26	53466	NECK ASSEMBLY - DIP STICK	1	
27	53469	COVER PLATE - L.H.	1	
28	53488	GASKET - FILLER NECK	1	
29	53491	CAP	1	
30	53492	DIP STICK	1	
31	53495	STRAINER	1	
32	53510	FILTER ASSEMBLY - INDICATOR C/W ITEMS 22, 33 & 44	1	
33	53527	FILTER ELEMENT	1	
34	53568 x 24	HOSE	1	720A/730A
35	53568 x 29.25	HOSE	1	710A
36	53568 x 31.5	HOSE	1	740A thru
37	53563	TUBE	1	780A
38	53623	ELBOW	2	
39	54021	HYDRAULIC OIL TANK	1	
40	54040	MAGNETIC PLUG	1	
41	54041	FILTER ASSEMBLY - NO INDICATOR - C/W ITEMS 33 & 45	1	
42	54055	BRACKET	1	
43	54137	DIFFUSER	1	
44	54171	HEAD - INDICATOR	1	
45	54172	HEAD - NO INDICATOR	1	
46	54352	COVER PLATE - R.H.	1	
47	54353	FILLER NECK	1	
48	54416	CONNECTOR	2	
49	*110E-04	CAP	1	
50	110E-12	CAP	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
51	*112A-12	CONNECTOR	1	710A
52	111A-1210	CONNECTOR	1	
53	111A-1212	CONNECTOR	2	740A thru 780A
54	111A-2420	CONNECTOR	1 or 2	
55	111B-0808	CONNECTOR	4	
56	111B-1210	CONNECTOR	1	
57	111B-1212	CONNECTOR	2	710A thru 730A
58	111B-1216	CONNECTOR	4	
59	111B-2420	CONNECTOR	1 or 2	
60	111D-0808	TEE	2	
61	111E-0808	CONNECTOR	1	
62	111E-1212	CONNECTOR	4	
63	111H-08	PLUG	2	
64	112B-12	CONNECTOR	1	
65	114D-24	FLANGE KIT C/W O RING & HARDWARE	1	
66	115C-08	PLUG	1	
67	50A-0608	BOLT	26	
68	50A-0612	BOLT	3	
69	14A-06	LOCKWASHER	32	
70	30A-06	NUT	3	
71	50A-0808	BOLT	1	
72	14A-08	LOCKWASHER	1	
73	30A-08	NUT	1	
74	50A-1016	BOLT	2	
75	50A-1018	BOLT	2	
76	14A-10	LOCKWASHER	4	
77	14C-10	FLATWASHER	4	
78	30A-10	NUT	4	
79	354E-12075	STUD	2	
80	314A-12	LOCKWASHER	2	
81	330A-12	LOCKWASHER	2	
82		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
83		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
84		RELIEF VALVE ASSEMBLY	REF.	SECTION 4 PAGE 14
85		ARTICULATION CYLINDER ASSEMBLY	REF.	SECTION 4 PGS. 14 & 22
86		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGE 38
87		HYDRAULIC BRAKE VALVE	REF.	SECTION 9 PAGE 18



EFFECTIVE SERIAL NUMBER(S) 16224, 16245 UP TO 16569
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 UP TO 2419-2

700 SERIES
SERIE 700

SECTION 4
SECCION 4
PAGE 23
PAGINA 23

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

PUMP GEARBOX ASSEMBLY - MODEL 720 THRU 760

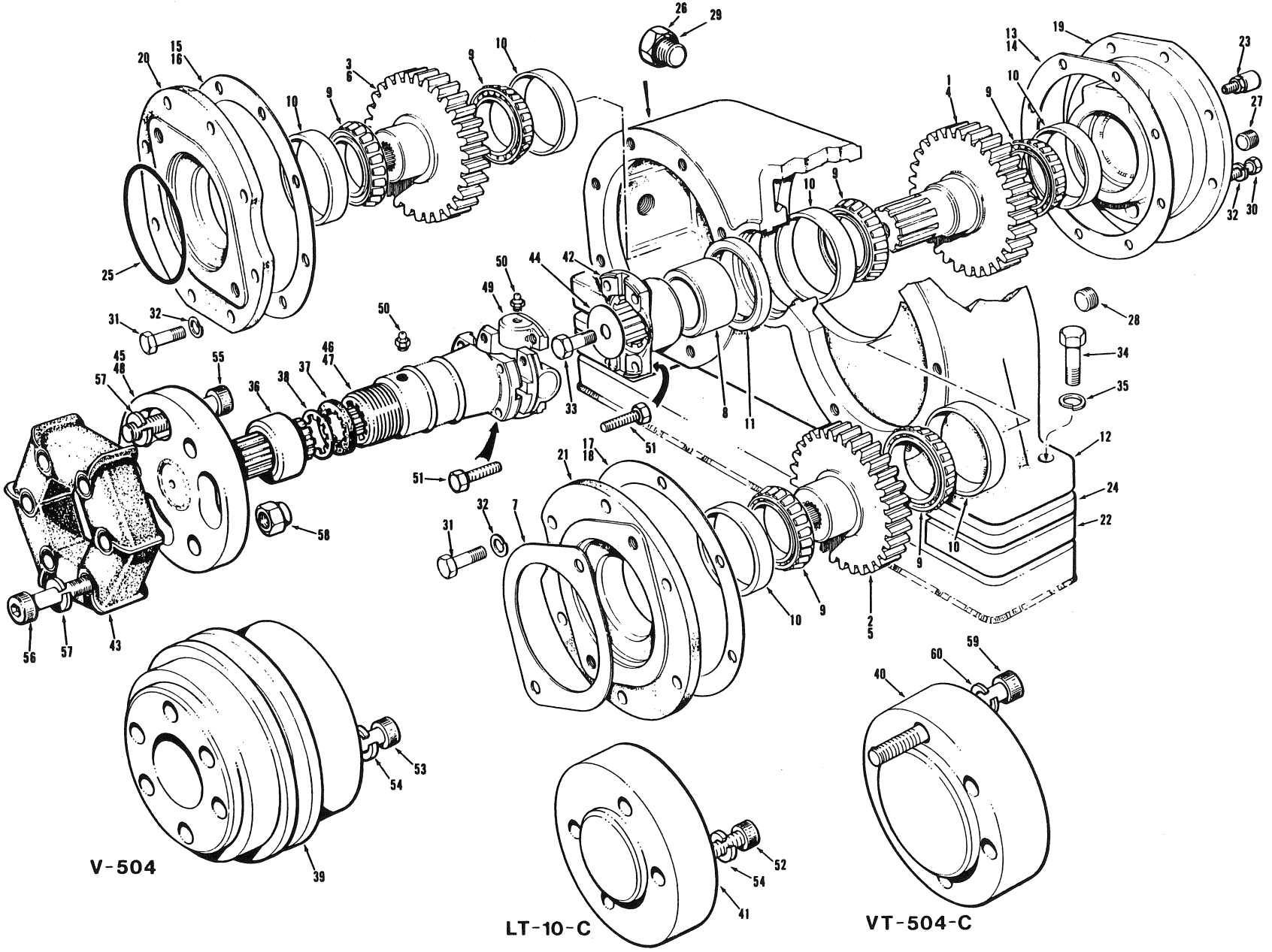
OCTOBER 1985

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

PUMP GEARBOX ASSEMBLY - MODEL 720 THRU 760

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	29906	PUMP GEARBOX ASSEMBLY - INCLUDES ITEMS 1 TO 3, 8 TO 23, 26 TO 28 & 30 TO 36	1	740, 740A & 760
	29907	PUMP GEARBOX ASSEMBLY - INCLUDES ITEMS 4 TO 6, 8 TO 23, 26 TO 28 & 30 TO 36	1	720, 720A 730 & 730A
1	29142	GEAR - 31 TOOTH	1	USED WITH
2	29904	GEAR - 25 TOOTH	1	29906
3	29905	GEAR - 31 TOOTH	1	GEARBOX
4	29141	GEAR - 28 TOOTH	1	USED WITH
5	29903	GEAR - 28 TOOTH	1	29907
6	29911	GEAR - 34 TOOTH	1	GEARBOX
7	12375	MOUNT	4	
8	16899	GASKET	1	
9	29147	SPACER	1	
10	29158	CONE	6	
11	29159	CUP	6	
12	29160	SEAL	1	
13	29279	CASE	1	
14	29283	SHIM - .005"	A.R.	
15	29284	SHIM - .007"	A.R.	
16	29285	SHIM - .020"	A.R.	
17	29286	SHIM - .005"	A.R.	
18	29287	SHIM - .007"	A.R.	
19	29288	SHIM - .020"	A.R.	
20	29289	SHIM - .005"	A.R.	
21	29290	SHIM - .007"	A.R.	
22	29291	SHIM - .020"	A.R.	
23	29528	CAP	1	
24	29682	PLATE - TOP	2	
25	29683	PLATE - BOTTOM	2	
26	29923	CAP	1	
27	29925	CAP	1	
28	40296	BREATHER	1	
29	12A-242	O RING	1	
30	111H-08	PLUG	1	
31	115D-06	PLUG	1	
32	115D-08	PLUG	1	
33	116A-08	O RING	1	
34	50A-0606	BOLT	12	
35	50A-0608	BOLT	14	
36	14A-06	LOCKWASHER	20	
37	50A-0808	BOLT	4	
38	51A-0810	BOLT	4	
39	14A-08	LOCKWASHER	4	
40	50A-1018	BOLT	4	
41	14A-10	LOCKWASHER	4	
42	14C-10	FLATWASHER	4	
43	30A-10	NUT	4	
		PUMP DRIVESHAFT INSTALLATIONS		
	32797	DRIVESHAFT - INCLUDES ITEMS 46 TO 50, 52, 57 & 58	1	V/VT-504-C
	32798	DRIVESHAFT - INCLUDES ITEMS 46 TO 51, 57 & 58	1	LT-10-C
44	30409	ADAPTER	1	LT-10-C
45	32801	YOKE	1	
46	33961	BEARING - CROSS	2	
47	33962	YOKE	1	
48	33963	CAP	1	
49	33964	SEAL	1	
50	33965	WASHER	1	
51	33967	TUBE	1	LT-10-C
52	33968	TUBE	1	V/VT-504-C
53	37042	YOKE	1	
54	41975	WASHER	1	
55	40137	ADAPTER	1	VT-504-C
56	40138	ADAPTER	1	V-504-C
57	29A-02	GREASE FITTING	A.R.	
58	51A-0406	BOLT	8	
59	51A-0506	BOLT	4	
60	51D-0506	BOLT	4	
61	50A-0608	BOLT	6	
62	14A-06	LOCKWASHER	A.R.	
63	51D-0608	BOLT	4	
64	50D-0830	BOLT	6	
65	50A-0832	BOLT	6	
66	14A-08	LOCKWASHER	6	
67	50A-0808	BOLT	1	



ISSUE No.
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PUMP GEARBOX ASSEMBLY - MODEL 720 THRU 760

MARCH 1987

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16570 UP TO 16805
NUMERO(S) DE SÉRIE EFFECTIF(S) 16809 UP TO 16816
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 4 PAGE 23
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

SECTION / SECCION 4 | PAGE / PAGINA 24 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 2 REVISION A

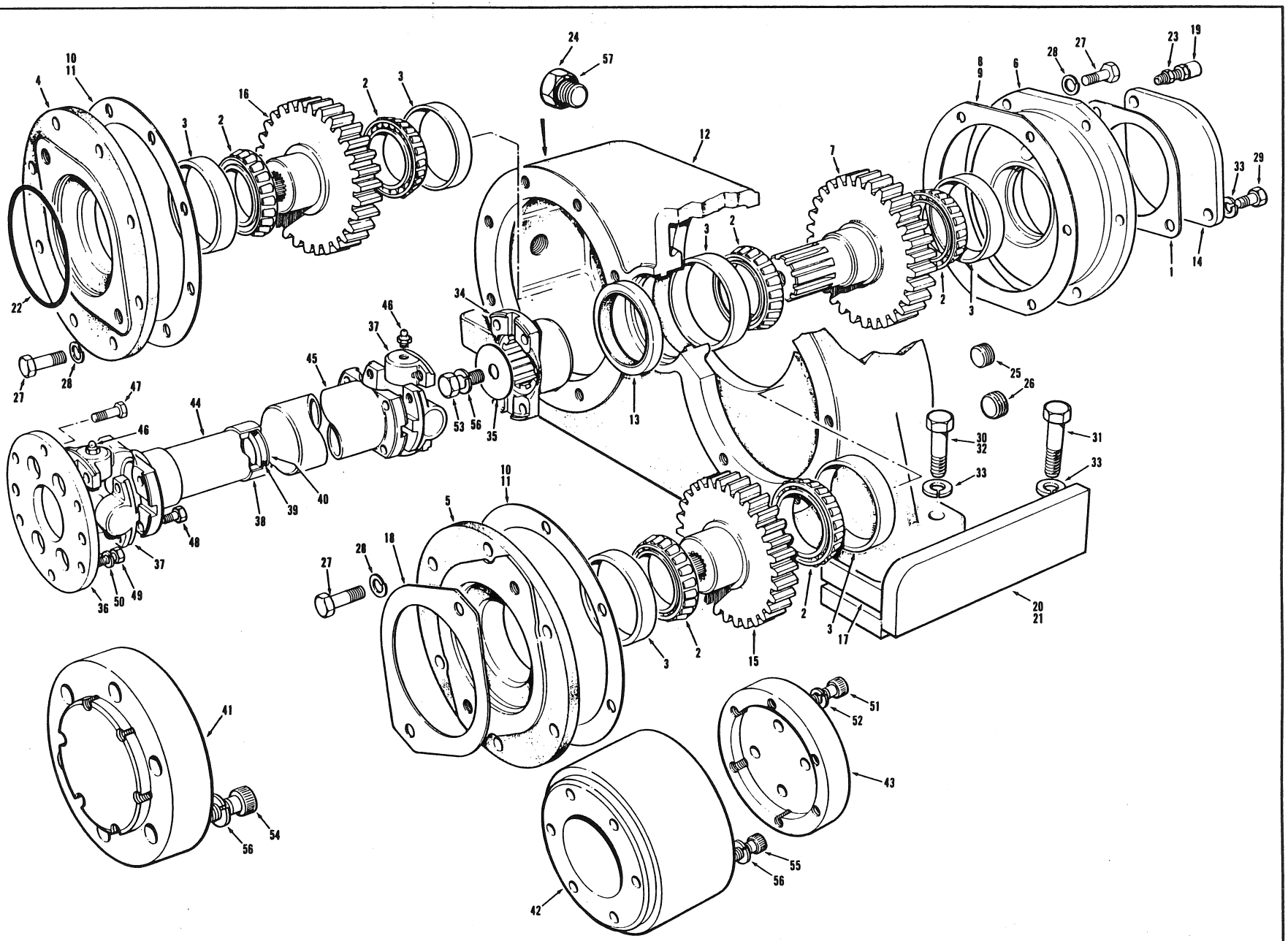
PUMP GEARBOX ASSEMBLY - MODEL 720 THRU 760

MARCH 1987

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	29927	PUMP GEARBOX ASSEMBLY - INCLUDES ITEMS 1 TO 3, 7 TO 23, 26 TO 32	1	740 , 740A & 760
	29928	PUMP GEARBOX ASSEMBLY - INCLUDES ITEMS 4 TO 6, 7 TO 23, 26 TO 32	1	720 , 720A 730 & 730A
1	29142	GEAR - 31 TOOTH	1	USED WITH 29927 GEARBOX
2	29904	GEAR - 25 TOOTH	1	
3	29905	GEAR - 31 TOOTH	1	
4	29141	GEAR - 28 TOOTH	1	USED WITH 29928 GEARBOX
5	29903	GEAR - 28 TOOTH	1	
6	29911	GEAR - 34 TOOTH	1	
7	16899	GASKET	1	
8	29147	SPACER	1	
9	29158	CONE	6	
10	29159	CUP	6	
11	29160	SEAL	1	
12	29279	CASE	1	
13	29283	SHIM - .005"	A.R.	
14	29284	SHIM - .007"	A.R.	
15	29286	SHIM - .005"	A.R.	
16	29287	SHIM - .007"	A.R.	
17	29289	SHIM - .005"	A.R.	
18	29290	SHIM - .007"	A.R.	
19	29528	CAP	1	
20	29923	CAP	1	
21	29925	CAP	1	
22	32670	SPACER	2	
23	40296	BREATHER	1	
24	42085	SPACER	2	
25	12A-242	O RING	1	
26	111H-08	PLUG - C/W ITEM 29	1	
27	115D-06	PLUG	1	
28	115D-08	PLUG	1	
29	116A-08	O RING	1	REPAIR PART
30	50A-0606	BOLT	6	
31	50A-0608	BOLT	14	
32	14A-06	LOCKWASHER	A.R.	
33	50A-0808	BOLT	1	
34	50A-0818	BOLT	4	
35	14A-08	LOCKWASHER	4	

PUMP DRIVESHAFT INSTALLATIONS

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	41376	DRIVESHAFT - INCLUDES ITEMS - 36 TO 39 45,46 & 48	1	V/VT-504-C
	41377	DRIVESHAFT - INCLUDES ITEMS - 36 TO 39 44,45 & 47	1	LT-10-C
36	33963	CAP	1	
37	33964	SEAL	1	
38	33965	WASHER	1	
39	41372	ADAPTER	1	V-504-C
40	41373	ADAPTER	1	VT-504-C
41	41374	ADAPTER	1	LT-10-C
42	41381	YOKE	1	
43	41382	FLEXIBLE RUBBER COUPLING	1	
44	*41975	WASHER	1	
45	*45671	SHAFT ASSEMBLY	1	LT-10-C
46	50201	TUBE ASSEMBLY	1	V/VT-504C
47	50202	TUBE ASSEMBLY	1	LT-10-C
48	50203	SHAFT ASSEMBLY	1	V/VT-504C
49	50204	CROSS & BEARING KIT	1	
50	29A-02	GREASE FITTING	2	
51	51A-0506	BOLT	8	
52	51D-0608	BOLT	4	
53	50D-0624	BOLT	6	
54	14A-06	LOCKWASHER	A.R.	
55	50D-0720	BOLT	3	
56	50D-0724	BOLT	3	
57	14A-07	LOCKWASHER	A.R.	
58	36C-07	LOCKNUT	3	
59	50D-0828	BOLT	6	
60	14A-08	LOCKWASHER	A.R.	



ISSUE No.
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PUMP GEARBOX ASSEMBLY - ALL WHEEL DRIVE

MARCH 1987

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224,16245 UP TO 16937
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 UP TO 2418-2

700 SERIES
SERIE 700

SECTION 4 PAGE 25
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

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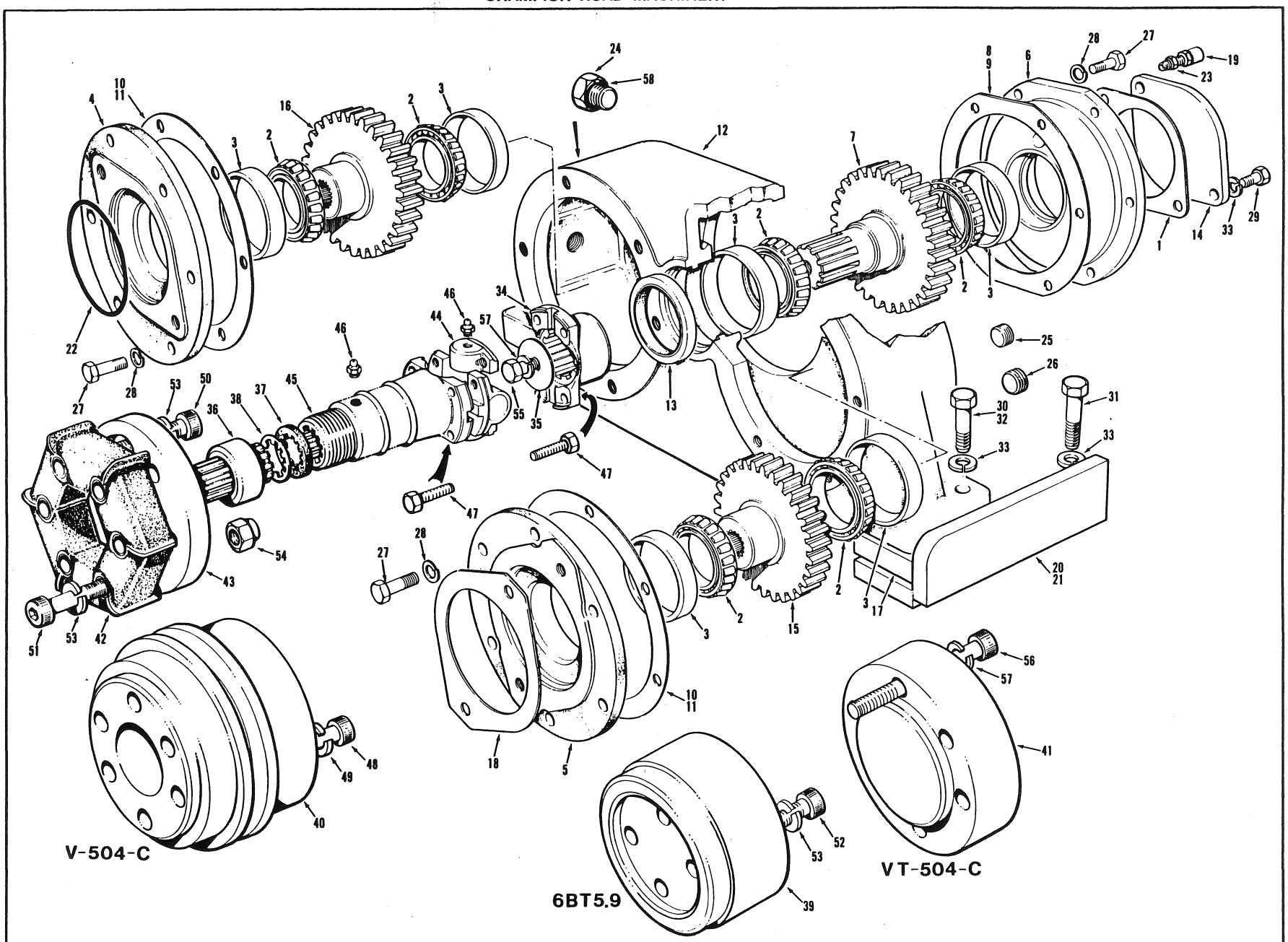
PUMP GEARBOX INSTALLATION

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	29908	PUMP GEARBOX ASSEMBLY - INCLUDES ITEMS 1 TO 16,19,23 TO 29 & 33		
1	16899	GASKET	1	
2	29158	CONE	6	
3	29159	CUP	6	
4	29560	CAP	1	
5	29561	CAP	1	
6	29562	CAP	1	
7	29563	GEAR - 42 TOOTH	1	
8	29570	SHIM - .005"	A.R.	
9	29571	SHIM - .007"	A.R.	
10	29573	SHIM - .005"	A.R.	
11	29574	SHIM - .007"	A.R.	
12	29576	CASE	1	
13	29577	SEAL	1	
14	29580	COVER	1	
15	29910	GEAR - 34 TOOTH	1	
16	29911	GEAR - 34 TOOTH	1	
17	30603	SPACER	2	V/VT-504-C
18	36917	GASKET	1	
19	40296	BREATHER	1	
20	41413	MOUNTING PLATE - R.H.	1	
21	41414	MOUNTING PLATE - L.H.	1	
22	12A-242	O RING	1	
23	103F-0402	REDUCER	1	
24	111H-08	PLUG - C/W ITEM 57	1	
25	115D-06	PLUG	1	
26	115D-08	PLUG	1	
27	50A-0606	BOLT	18	
28	14A-06	LOCKWASHER	18	
29	50A-0806	BOLT	2	
30	50A-0812	BOLT	4	6BT5.9
31	50A-0816	BOLT	4	
32	50A-0822	BOLT	4	V/VT-504-C
33	14A-08	LOCKWASHER	10	

PUMP DRIVESHAFT INSTALLATION

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	40684	PUMP DRIVESHAFT ASSEMBLY - INCLUDES ITEMS 38 TO 41 & 45 TO 47	1	
34	29579	SPLINED YOKE	1	
35	29581	RETAINER WASHER	1	
36	30688	FLANGED YOKE	1	
37	*50204	CROSS & BEARING KIT	2	
38	*33963	CAP	1	
39	37164	FELT SEAL	1	
40	37165	WASHER	1	
41	40137	ADAPTER	1	VT-504-C
42	40138	ADAPTER	1	V-504-C
43	40307	ADAPTER	1	6BT5.9
44	*45672	SLIP YOKE	1	
45	*45673	TUBE	1	
46	29A-02	GREASE FITTING	3	
47	51A-0406	BOLT	8	
48	*51A-0506	BOLT	8	
49	50A-0606	BOLT	6	
50	14A-06	LOCKWASHER	6	
51	51D-0710	BOLT	4	6BT5.9
52	14A-07	LOCKWASHER	4	
53	50A-0806	BOLT	1	
54	50A-0834	BOLT	6	VT-504-C
55	50D-0830	BOLT	6	V-504-C
56	14A-08	LOCKWASHER	A.R.	
57	*116A-08	O RING	1	REPAIR PART

EFFECTIVE SERIAL NUMBER(S) 16685 UP TO 16938
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)



ISSUE No.
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PUMP GEARBOX ASSEMBLY - ALL WHEEL DRIVE

MARCH 1987

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700 SERIES
SERIE 700

SECTION 4 PAGE 25
SECCION 4 PAGINA 25

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

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PUMP GEARBOX ASSEMBLY - ALL WHEEL DRIVE

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		PUMP GEARBOX INSTALLATION		
	29908	PUMP GEARBOX INSTALLATION - INCLUDES ITEMS 1 TO 16,19,23 TO 29 & 33		
1	16899	GASKET	1	
2	29158	CONE	6	
3	29159	CUP	6	
4	29560	CAP	1	
5	29561	CAP	1	
6	29562	CAP	1	
7	29563	GEAR	1	
8	29570	SHIM - .005"	A.R.	
9	29571	SHIM - .007"	A.R.	
10	29573	SHIM - .005"	A.R.	
11	29574	SHIM - .007"	A.R.	
12	29576	CASE	1	
13	29577	SEAL	1	
14	29580	COVER	1	
15	29910	GEAR - 34 TOOTH	1	
16	29911	GEAR - 34 TOOTH	1	
17	30603	SPACER	2	V/VT-504-C
18	36917	GASKET	1	
19	40296	BREATHER	1	
20	41413	MOUNTING PLATE - R.H.	1	
21	41414	MOUNTING PLATE - L.H.	1	
22	12A-242	O RING	1	
23	103F-0402	REDUCER	1	
24	111H-08	PLUG - C/W ITEM 58	1	
25	115D-06	PLUG	1	
26	115D-08	PLUG	1	
27	50A-0606	BOLT	18	
28	14A-06	LOCKWASHER	18	
29	50A-0806	BOLT	2	
30	50A-0812	BOLT	4	6BT5.9
31	50A-0816	BOLT	4	
32	50A-0822	BOLT	4	V/VT-504-C
33	14A-08	LOCKWASHER	10	

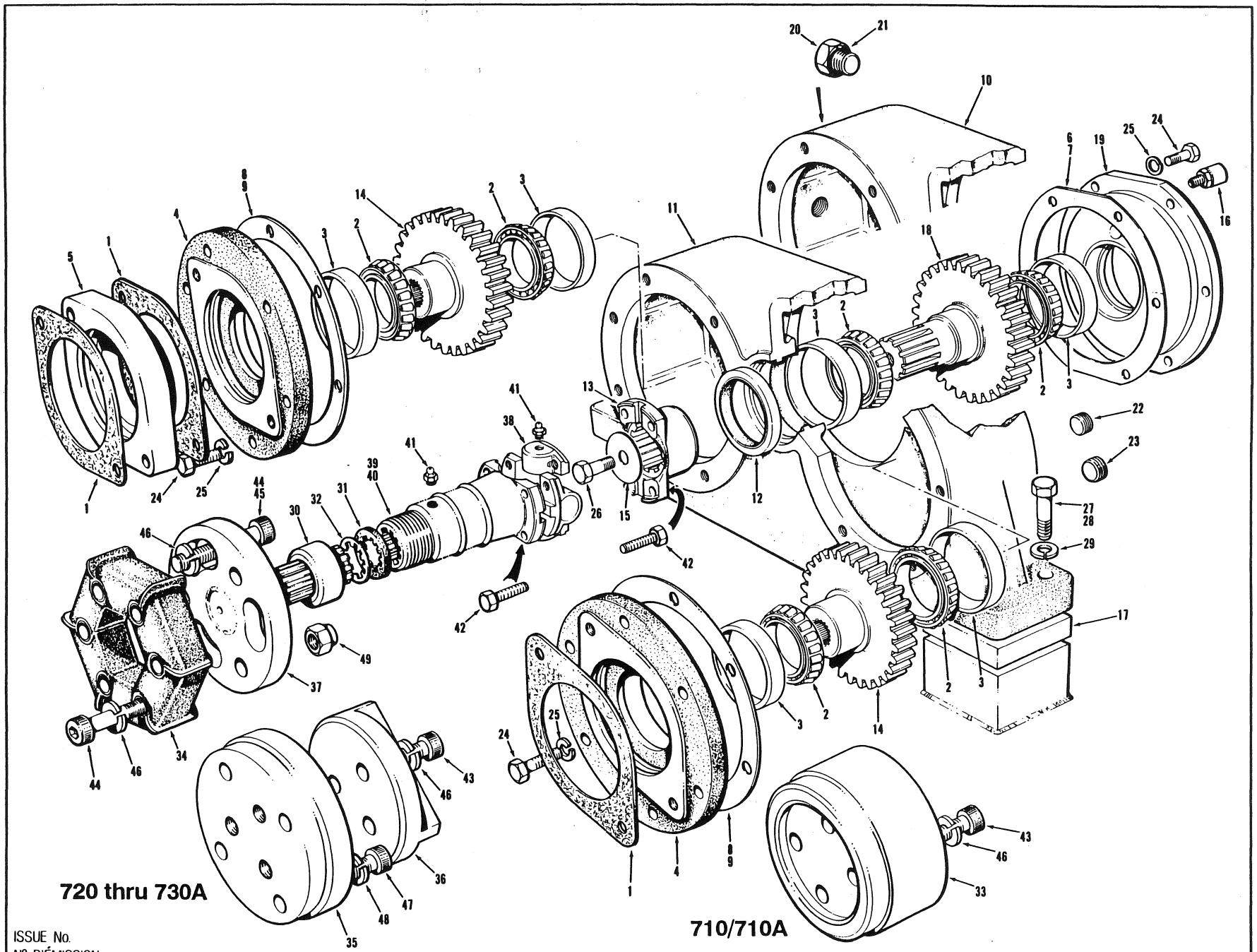
No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		PUMP DRIVESHAFT INSTALLATION		
	41378	PUMP DRIVESHAFT ASSEMBLY - INCLUDES ITEMS 36 TO 39 & 43 TO 45	1	
34	29579	SPLINED YOKE	1	
35	29581	RETAINER WASHER	1	
36	*33963	CAP	1	
37	*33964	FELT SEAL	1	
38	*33965	WASHER	1	
39	41371	ADAPTER	1	6BT5.9
40	41372	ADAPTER	1	V-504-C
41	41373	ADAPTER	1	VT-504-C
42	41382	RUBBER COUPLING	1	
43	50203	SHAFT ASSEMBLY	1	
44	50204	CROSS & BEARING KIT	1	
45	50405	TUBE ASSEMBLY	1	
46	29A-02	GREASE FITTING	2	
47	51A-0506	BOLT	8	
48	50D-0624	BOLT	6	V-504-C
49	14A-06	LOCKWASHER	6	
50	50D-0720	BOLT	3	
51	50D-0724	BOLT	3	
52	51D-0710	BOLT	4	6BT5.9
53	14A-07	LOCKWASHER	A.R.	
54	*36N-07	NUT	A.R.	
55	50A-0806	BOLT	1	
56	50D-0828	BOLT	6	VT-504-C
57	14A-08	LOCKWASHER	A.R.	
58	*116A-08	O RING	1	REPAIR PART

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

16939 TO 20791

700 SERIES
SERIE 700

SECTION 4 PAGE 25
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PUMP GEARBOX ASSEMBLY - ALL WHEEL DRIVE

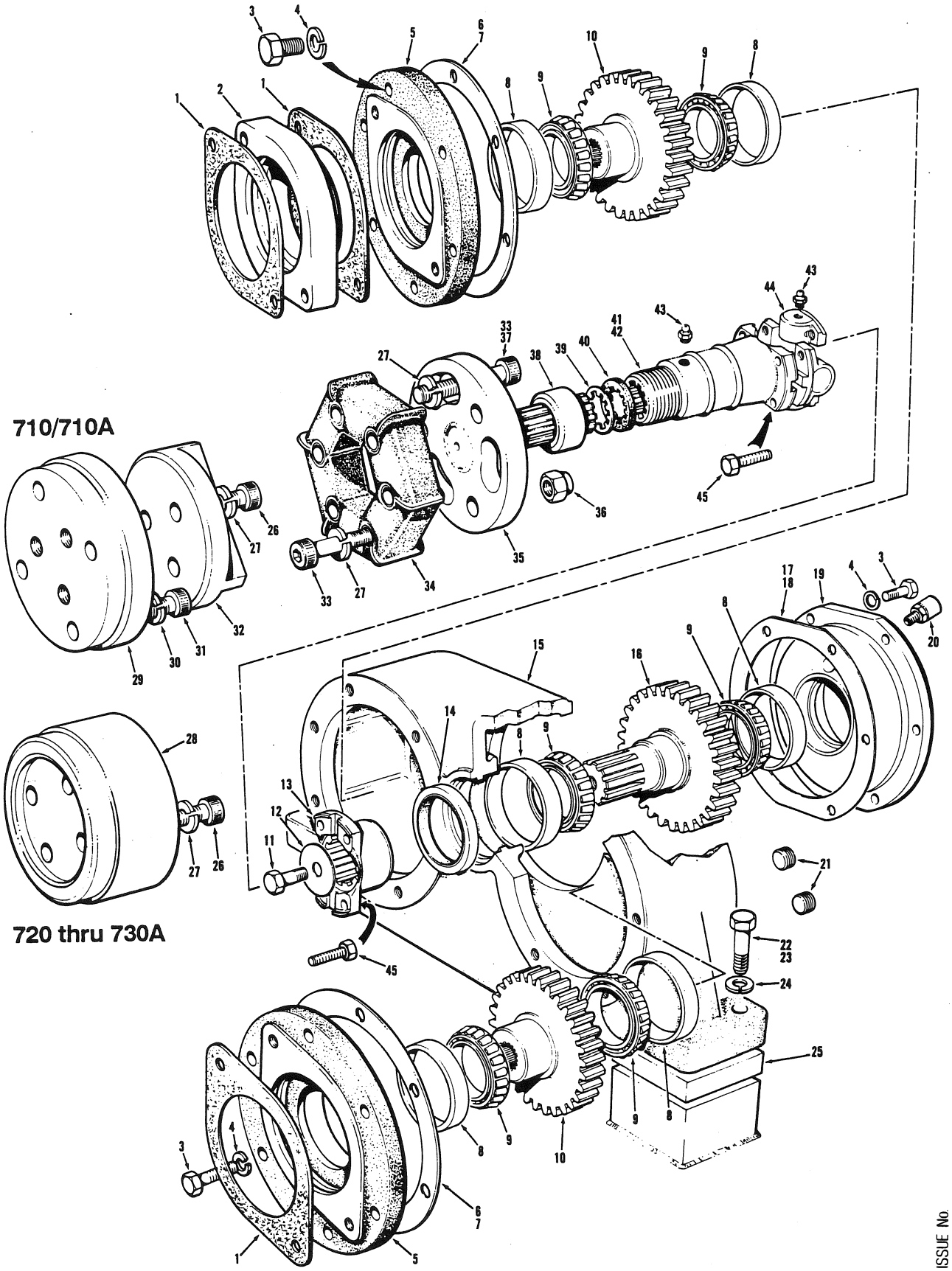
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USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		PUMP GEARBOX INSTALLATION		
	37567	**PUMP GEARBOX ASSEMBLY** - INCLUDES ITEMS 2 TO 4, 6 TO 9, 11 TO 15, 18, 19 & 22 TO 26	1	S/N 17070 TO 20791
	41998	**PUMP GEARBOX ASSEMBLY** - INCLUDES ITEMS 2 TO 4, 6 TO 10, 12 TO 15, 18 19 & 22 TO 26	1	S/N 16939 TO 17059
1	16899	GASKET	3	
2	29158	BEARING CONE	6	
3	21959	BEARING CUP	6	
4	29560	CAP - FRONT	2	
5	*29560-1	ADAPTER - PUMP	1	
6	29570	SHIM - .005"	4	
7	29571	SHIM - .007"	3	
8	29573	SHIM - .005"	4	
9	29574	SHIM - .007"	3	
10	29576	CASE C/W ITEM 20	1	S/N 16939 TO 17059
11	37552	CASE	1	S/N 17070 TO 20791
12	29577	SEAL	1	
13	29579	YOKE	1	
14	29911	GEAR - 34 TOOTH	2	
15	29581	WASHER	1	
16	40296	BREATHER	1	
17	41999	SPACER	2	720 thru 730A
18	42153	GEAR - 42 TOOTH	1	
19	42154	CAP - REAR	1	
20	111H-08	PLUG - C/W ITEM 21	1	S/N 16939 TO 17059
21	*116A-08	O RING	1	
22	115C-08	PLUG	2	
23	115C-16	PLUG	1	
24	50A-0606	BOLT	18	
25	14A-06	LOCKWASHER	18	
26	50A-0808	BOLT	1	
27	50A-0812	BOLT	4	710/710A
28	50A-0818	BOLT	4	720 thru 730A
29	14A-08	LOCKWASHER	4	

No. Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		PUMP DRIVESHAFT INSTALLATION		
	41994	**DRIVESHAFT ASSEMBLY** - INCLUDES ITEMS 30 TO 32, 37 TO 39, 41 & Qty. 4 of 42	1	710/710A
	41995	**DRIVESHAFT ASSEMBLY** - INCLUDES ITEMS 30 TO 32, 37, 38. 40 & Qty. 4 of 42	1	720 thru 730A
30	33963	CAP	1	
31	33964	SEAL	1	
32	33965	WASHER	1	
33	41371	ADAPTER	1	710/710A S/N 16939 TO 19442
	49729	ADAPTER	1	710/710A S/N 19443 TO 20791
34	41382	FLEXIBLE RUBBER COUPLING	1	
35	41986	ADAPTER	1	720 thru 730A S/N 16939 TO 19550
	51338	ADAPTER	1	720 thru 730A S/N 19586 TO 20791
36	41987	ADAPTER	1	720 thru 730A
37	50203	SHAFT	1	
38	50204	**CROSS & BEARING KIT**	1	
39	50212	TUBE ASSEMBLY	1	710/710A
40	50213	TUBE ASSEMBLY	1	720 thru 730A
41	29A-02	GREASE FITTING	2	
42	51A-0506	BOLT	8	
43	50D-0710	BOLT	4 3	710/710A 720 thru 730A
44	50D-0720	BOLT	3	720 thru 730A
45	50D-0722	BOLT	6 3	710/710A 720 thru 730A
46	14A-07	LOCKWASHER	10 9	710/710A 720 thru 730A
47	350D-12030	BOLT	4	
48	14A-08	LOCKWASHER	4	
49	36N-07	LOCKNUT	3	



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PUMP GEARBOX ASSEMBLY - ALL WHEEL DRIVE

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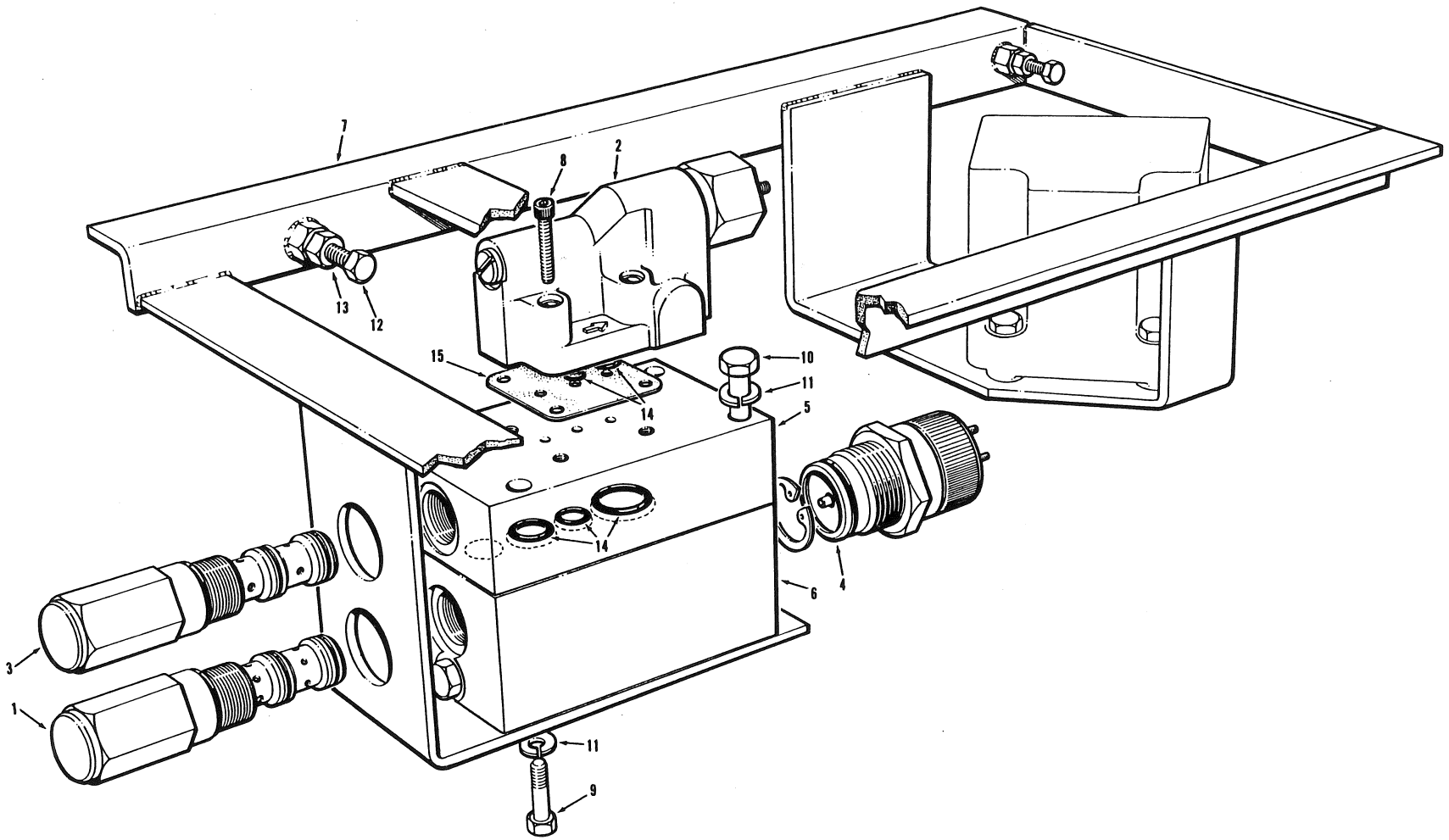
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PUMP GEARBOX ASSEMBLY - ALL WHEEL DRIVE

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		PUMP GEARBOX INSTALLATION		
	37567	PUMP GEARBOX ASSEMBLY - INCLUDES ITEMS 3 TO 19	1	
1	16899	GASKET	3	
2	*29560-1	ADAPTER	1	
3	50A-0608	BOLT	18	
4	14A-06	LOCKWASHER	18	
5	29560	CAP - FRONT	2	
6	29573	SHIM - .005"	4	
7	29574	SHIM - .007"	3	
8	29159	BEARING CUP	6	
9	29158	BEARING CONE	6	
10	29911	GEAR - 34 TOOTH	2	
11	50A-0808	BOLT	1	
12	29581	WASHER	1	
13	29579	YOKE	1	
14	29577	SEAL	1	
15	37552	CASE	1	
16	42153	GEAR - 42 TOOTH	1	
17	29570	SHIM - .005"	4	
18	29571	SHIM - .007"	3	
19	42154	CAP - REAR	1	
20	40296	BREATHER	1	
21	115C-08	PLUG	2	
22	50A-0812	BOLT	4	710/710A
23	50A-0818	BOLT	4	720 thru 730A
24	14A-08	LOCKWASHER	4	
25	41999	SPACER	2	720 thru 730A

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		PUMP DRIVESHAFT INSTALLATION		
	41994	DRIVESHAFT ASSEMBLY - INCLUDES ITEMS 35, 38 TO 41, 43 & 44	1	710/710A
	41995	DRIVESHAFT ASSEMBLY - INCLUDES ITEMS 35, 38 TO 40, 42 TO 44	1	720 thru 730A
26	50D-0710	BOLT	4	710/710A
			3	720 thru 730A
27	14A-07	LOCKWASHER	10	710/710A
			9	720 thru 730A
28	49729	ADAPTER	1	710/710A
29	41986	ADAPTER	1	720 thru 730A
30	14A-08	LOCKWASHER	4	
31	350D-12030	BOLT	4	
32	41987	ADPATER	1	
33	*50D-0722	BOLT	6	710/710A
			3	720 thru 730A
34	41382	FLEXIBLE RUBBER COUPLING	1	
35	50203	SHAFT	1	
36	36N-07	LOCKNUT	3	
37	50D-0720	BOLT	3	720 thru 730A
38	33963	CAP	1	
39	33965	WASHER	1	
40	33964	SEAL	1	
41	50212	TUBE ASSEMBLY	1	710/710A
42	50213	TUBE ASSEMBLY	1	720 thru 730A
43	29A-02	GREASE FITTING	2	
44	50204	CROSS & BEARING KIT	1	
45	51A-0506	BOLT	8	

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MOTOR CONTROL VALVE - ALL WHEEL DRIVE

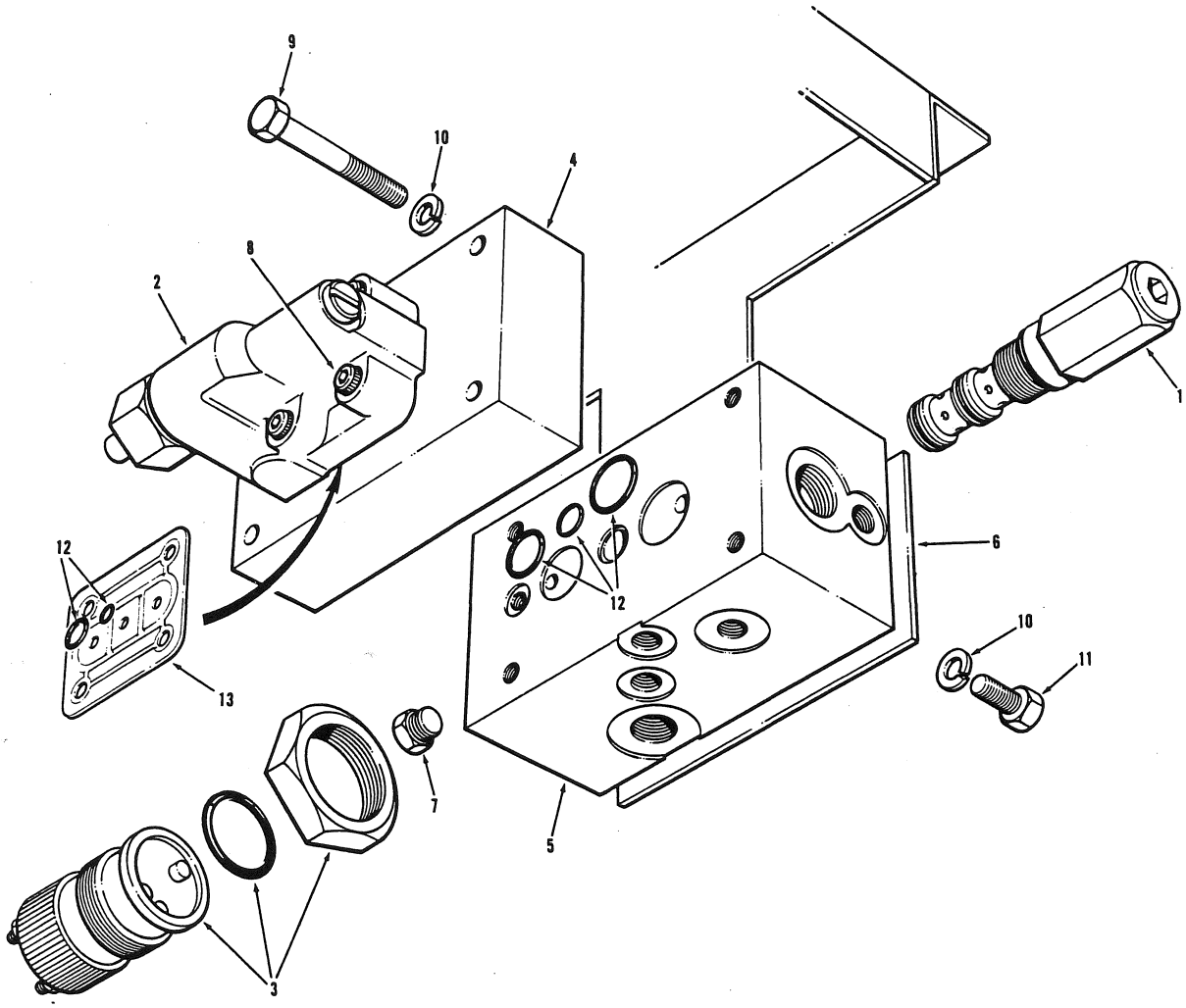
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MOTOR CONTROL VALVE - ALL WHEEL DRIVE

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	30696	**MOTOR CONTROL VALVE ASSEMBLY** - INCLUDES ITEMS 1 to 6, 8, 10, 11, 14 & 15	1	
	*59592	**SEAL KIT FOR 30696** - MOTOR CONTROL VALVE - INCLUDES ITEMS 14 & 15	1 per	
1	30806	PRESSURE REDUCING VALVE	1	
2	30807	PRESSURE COMPENSATOR VALVE	1	
3	30808	PRESSURE REDUCING VALVE - 5000 psi	1	
4	30809	FORCE MOTOR	1	
5		COMPENSATOR BLOCK } NOT AVAILABLE	1	
6		FORCE MOTOR BLOCK } SEPARATELY	1	
7	30742	MOUNTING BRACKET	1	
8	51D-0410	BOLT	4	
9	50A-0508	BOLT	4	
10	50A-0518	BOLT	4	
11	14A-05	LOCKWASHER	8	
12	50A-0610	BOLT	2	
13	30A-06	NUT	2	
14		O-RING	5	
15		GASKET - STEEL	1	

CHAMPION ROAD MACHINERY



APRIL 1991

MOTOR CONTROL VALVE - ALL WHEEL DRIVE

2 REVISION A

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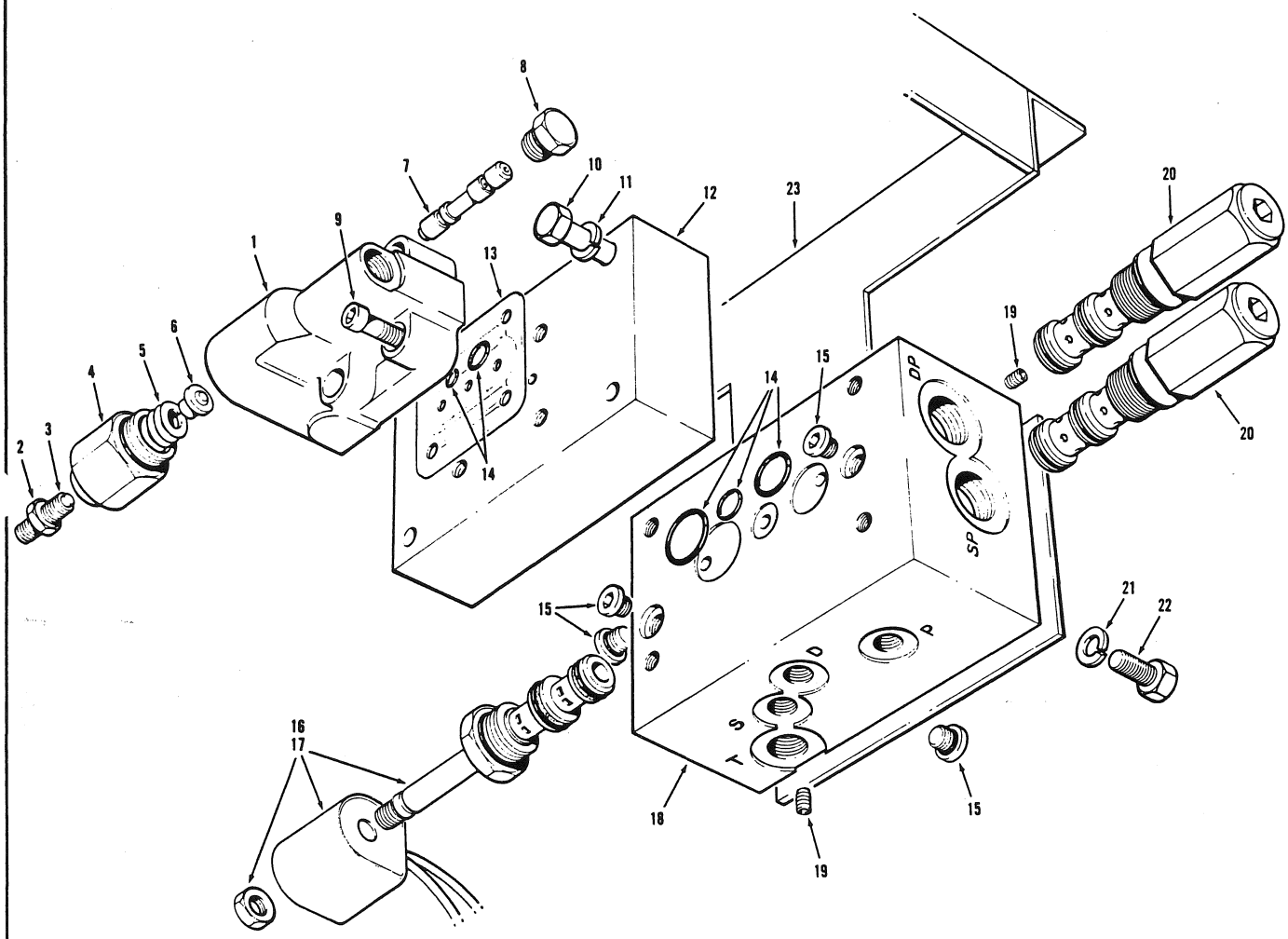
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MOTOR CONTROL VALVE - ALL WHEEL DRIVE

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	42187	**MOTOR CONTROL VALVE ASSEMBLY** - INCLUDES ITEMS 1 to 5, 7 to 9, 12 & 13	1	
	*59592	**SEAL KIT FOR 42187** - MOTOR CONTROL VALVE - INCLUDES ITEMS 12 & 13	1 per	
1	30806	PRESSURE REDUCING VALVE	1	
2	30807	PRESSURE COMPENSATOR VALVE	1	
3	30809	FORCE MOTOR	1	
4		COMPENSATOR BLOCK } NOT AVAILABLE	1	
5		FORCE MOTOR BLOCK } SEPARATELY	1	
6	42189	MOUNTING BRACKET	1	
7	44328	PLUG	1	
8	51D-0410	BOLT	4	
9	50A-0520	BOLT	4	
10	14A-05	LOCKWASHER	8	
11	50A-0508	BOLT	4	
12		O-RING	5	
13		GASKET - STEEL	1	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS



MOTOR CONTROL VALVE - ALL WHEEL DRIVE

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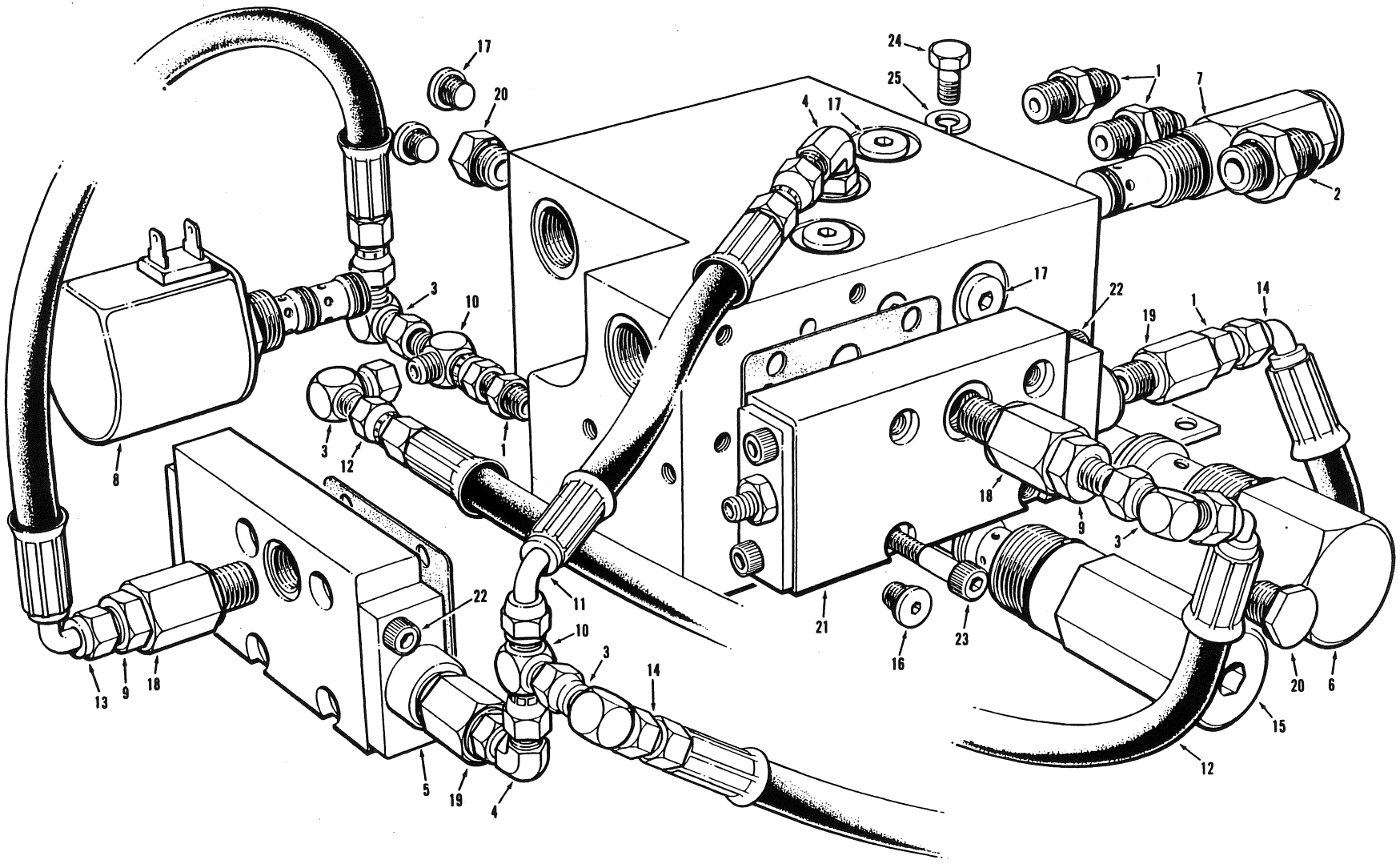
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MOTOR CONTROL VALVE - ALL WHEEL DRIVE

SEPTEMBER 1991

No.	PART No.	DESCRIPTION	No. REQ.	REMARKS
	*59645	**MOTOR CONTROL VALVE ASSEMBLY** - 12 VOLT - INCLUDES ITEMS 1 to 16 & 18 to 20	1	
	*62092	**MOTOR CONTROL VALVE ASSEMBLY** - 24 VOLT - INCLUDES ITEMS 1 to 15 & 17 to 20	1	
	59592	**SEAL KIT FOR 59645 & 62092** - MOTOR CONTROL VALVES - INCLUDES ITEMS 13 & 14	1 per	
1	30807	MOTOR COMPENSATOR VALVE - C/W ITEMS 2 to 8	1	
2		NUT	1	
3		ADJUSTING SCREW	1	
4		COVER	1	
5		SPRING	1	
6		SPRING RETAINER	1	
7		SPOOL	1	
8		PLUG	1	
9	51D-0410	BOLT	4	
10	50A-0520	BOLT	4	
11	14A-05	LOCKWASHER	4	
12		UPPER MANIFOLD BLOCK	1	
13		GASKET - STEEL	1	
14		O-RING	5	
15		PLUG	4	
16	*63032	SOLENOID VALVE - 12 VOLT	1	
17	*62090	SOLENOID VALVE - 24 VOLT	1	
18		LOWER MANIFOLD BLOCK	1	
19		ORIFICE RESTRICTOR	2	
20	30806	PRESSURE REDUCING VALVE	2	
21	14A-05	LOCKWASHER	4	
22	50A-0508	BOLT	4	
23	42189	MOUNTING BRACKET	1	



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PUMP CONTROL VALVE - ALL WHEEL DRIVE

NOVEMBER 1984

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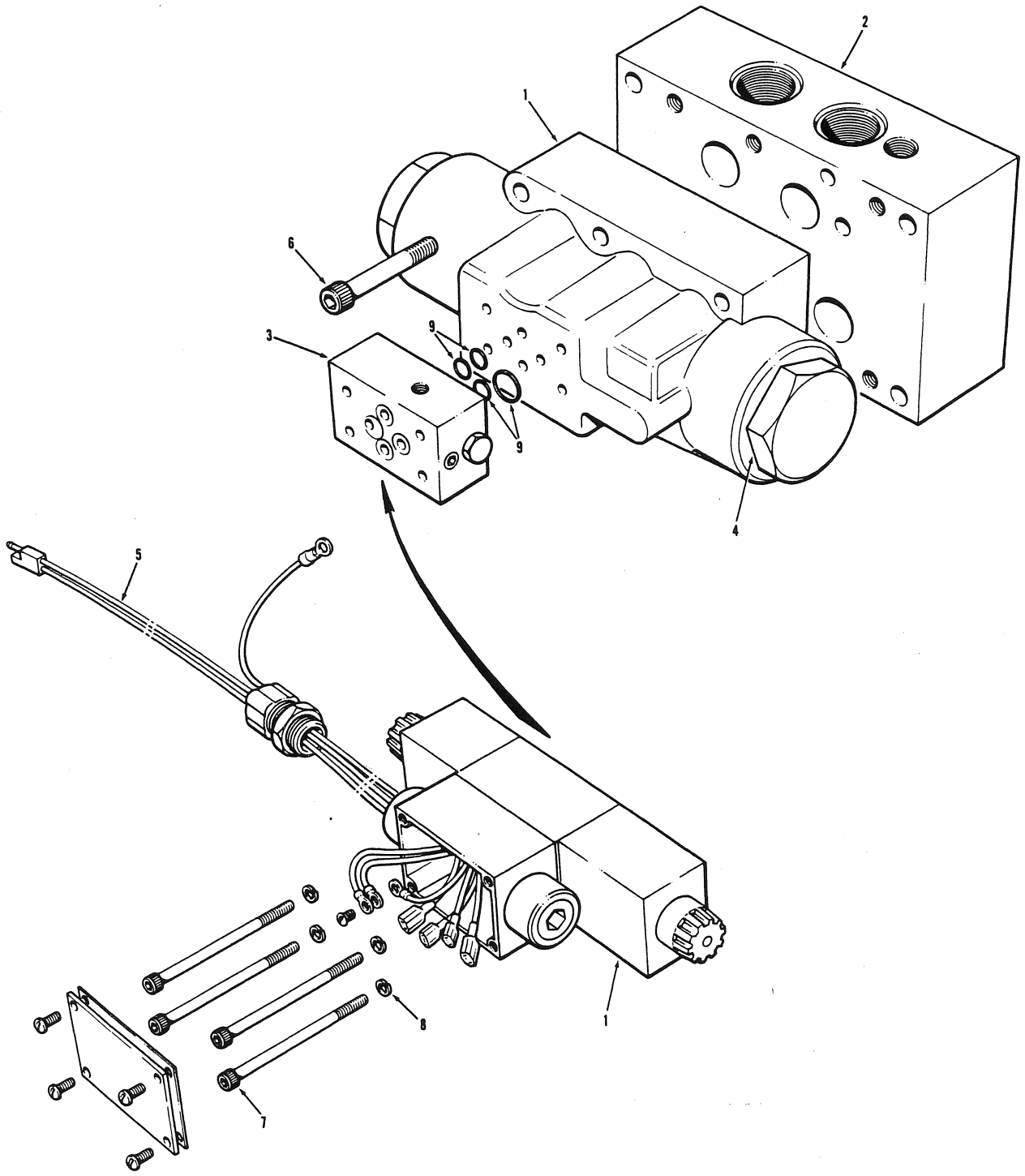
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PUMP CONTROL VALVE - ALL WHEEL DRIVE

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	30659	PUMP CONTROL VALVE ASSEMBLY - INCLUDES ITEMS 1 TO 25	1	
1	30655	ADAPTER	4	
2	30656	ADAPTER	1	
3	30693	CONNECTOR	4	
4	30708	CONNECTOR	2	
5	30794	PRESSURE OVERRIDE VALVE	1	
6	30795	SHUTTLE CARTRIDGE VALVE	1	
7	30796	RELIEF VALVE	1	
8	30797	SOLENOID VALVE	3	
9	30799	ADAPTER	2	
10	30800	TEE	2	
11	30801	HOSE	1	
12	30802	HOSE	1	
13	30803	HOSE	1	
14	30804	HOSE	1	
15	30806	PRESSURE REDUCING VALVE	1	
16	30891	PLUG	3	
17	30892	PLUG	8	
18	30893	ADAPTER	2	
19	30894	ADAPTER	2	
20	30895	PLUG	2	
21	30988	PRESSURE OVERRIDE VALVE	1	
22	51D-0406	CAPSCREW	4	
23	51D-0412	CAPSCREW	8	
24	50A-0508	BOLT	3	
25	14A-08	LOCKWASHER	3	
	30805	SEAL KIT	A.R.	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS



SELECTOR VALVE ASSEMBLY - ALL WHEEL DRIVE

DECEMBER 1991

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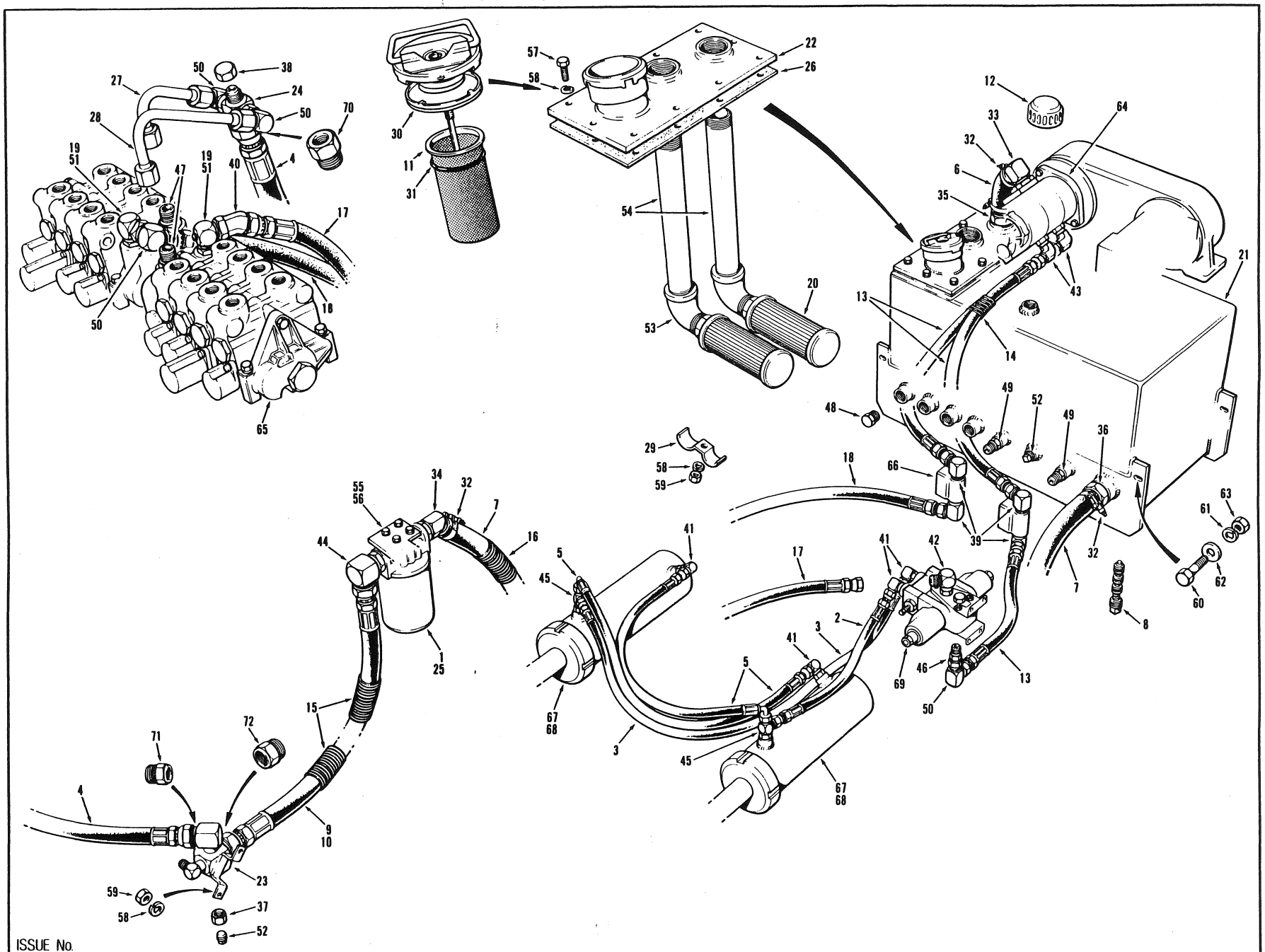
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SELECTOR VALVE ASSEMBLY - ALL WHEEL DRIVE

DECEMBER 1991

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	42188	**SELECTOR VALVE ASSEMBLY - INCLUDES ITEMS 1 TO 9**	**1**	
1	***44565**	**SOLENOID OPERATED SELECTOR VALVE**	**1**	
2	**44035**	**BASE PLATE ASSEMBLY**	**1**	
3	***62138**	**SELECTOR VALVE MANIFOLD ASSEMBLY**	**1**	
4	***116A-24**	**O-RING**	**2**	
5	**44042**	**WIRING HARNESS**	**1**	
6	**51D-0820**	**BOLT**	**6**	
7	**50D-1028**	**BOLT**	**4**	
8	**14F-10**	**LOCKWASHER**	**4**	
9	**44038**	**O-RING KIT**	**1**	



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PRIMARY HYDRAULIC CIRCUIT - ALL WHEEL DRIVE

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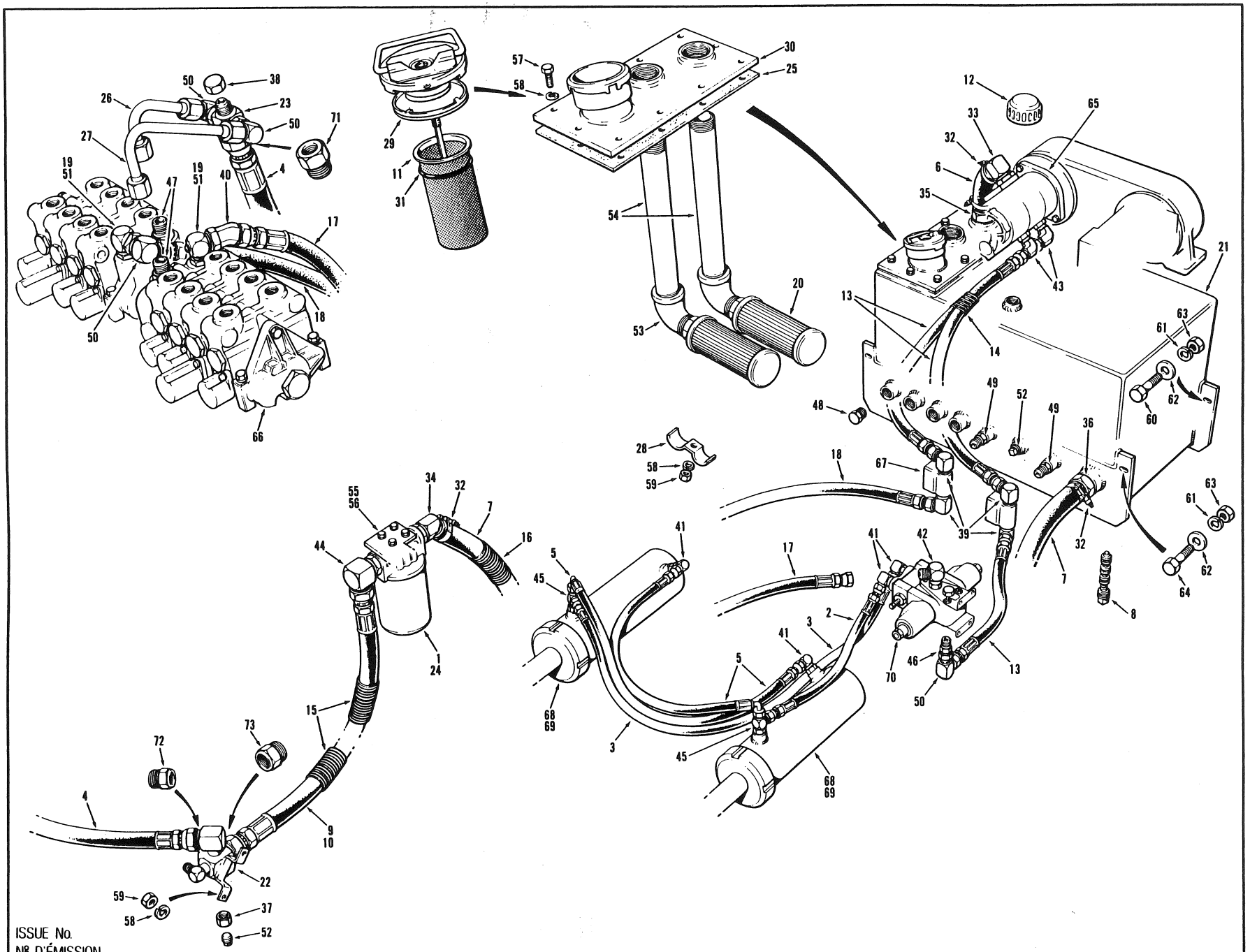
700 SERIES
SERIE 700

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SECCION 4 PAGINA 31

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No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	13028	FILTER ELEMENT - INCLUDES GASKET	1	
2	9313 X 28	HOSE	1	710A, 720A & 730A
3	9313 X 53.5	HOSE	1	710A, 720A & 730A
4	14379 X 90	HOSE	1	
5	14382 X 36	HOSE	2	710A, 720A & 730A
6	17156 X 8.5	HOSE	1	
7	17156 X 67*	HOSE	1	
8	27449	MAGNETIC PLUG	1	
9	27739 X 60	HOSE	1	710, 720 & 730
10	27739 X 109	HOSE	1	710A, 720A & 730A
11	28008	STRAINER - INCLUDES ITEM 31	1	
12	28081	AIR BREATHER	1	
13	28485 X 28	HOSE	2	710, 720 & 730
			3	710A, 720A & 730A
14	41646 X 6*	HOSE PROTECTOR	A.R.	
15	41648 X 6*	HOSE PROTECTOR	A.R.	
16	41715 X 6*	HOSE PROTECTOR	A.R.	
17	28485 X 188	HOSE	1	710A, 720A & 730A
18	28485 X 212	HOSE	2	710, 720 & 730
			1	710A, 720A & 730A
19	32589	CONNECTOR - INCLUDES ITEM 51	2	
20	32668	STRAINER	2	
21	40219	HYDRAULIC OIL TANK	1	
22	40236	ACCESS PLATE	1	
23	40288	CROSS	1	
24	40290	CROSS	1	
25	40320	OIL FILTER - INCLUDES ITEM 1	1	
26	40425	GASKET	1	
27	40505	TUBE	1	
28	40406	TUBE	1	
29	40975	CLAMP	A.R.	
30	42167*	FILLER CAP - INCLUDES DIPSTICK	1	
31	12A-228	O RING	1	AS REQ'D
32	22A-200	CLAMP	4	
33	108A-2420	CONNECTOR	1	
34	108B-2420	CONNECTOR	2	
35	108C-2420*	CONNECTOR	1	
36	108C-2424	CONNECTOR	1	
37	110E-08	CAP	1	
38	110E-12	CAP	1	
39	111B-1210*	CONNECTOR	4	
40	112A-12*	CONNECTOR	1	
41	111B-0808	CONNECTOR	4	710A, 720A & 730A
42	111B-1208	CONNECTOR	1	710A, 720A & 730A
43	111B-1212	CONNECTOR	2	
44	111B-2420	CONNECTOR	1	
45	111D-0808	TEE	2	710A, 720A & 730A
46	111E-1208	CONNECTOR	1	710A, 720A & 730A
47	111E-1212	CONNECTOR	2	
48	111H-12	PLUG	A.R.	
49	111P-1010*	ADAPTER	2	
50	112B-12*	CONNECTOR	A.R.	
51	115D-02	PLUG	2	
52	115E-08	PLUG	A.R.	
53	115J-2424	ELBOW	2	
54	115Z-2420	NIPPLE	2	
55	50A-0508	BOLT	4	
56	14A-05	LOCKWASHER	4	
57	50A-0608	BOLT	10	
58	14A-06	LOCKWASHER	A.R.	
59	30A-06	NUT	A.R.	
60	50A-1016	BOLT	4	
61	14A-10	LOCKWASHER	4	
62	14C-10	FLATWASHER	4	
63	30A-10	NUT	4	
64		HYDRAULIC PUMP ASSEMBLY	REF.	SECTION 4 PAGES 3/4
65		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGES 7/8
66		RELIEF VALVE ASSEMBLY	REF.	SECTION 4 PAGES 11/12
67		ARTICULATION CYLINDER - MODEL 710A	REF.	SECTION 4 PAGES 13/14
68		ARTICULATION CYLINDER - MODEL 720A & 730A	REF.	SECTION 4 PAGES 17/18
69		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGES 37/38
70	110AH-2012	ADAPTER	A.R.	
71	110AH-2016	ADAPTER	A.R.	
72	110AH-2420	ADAPTER	A.R.	

USE ONLY CHAMPION APPROVED PARTS

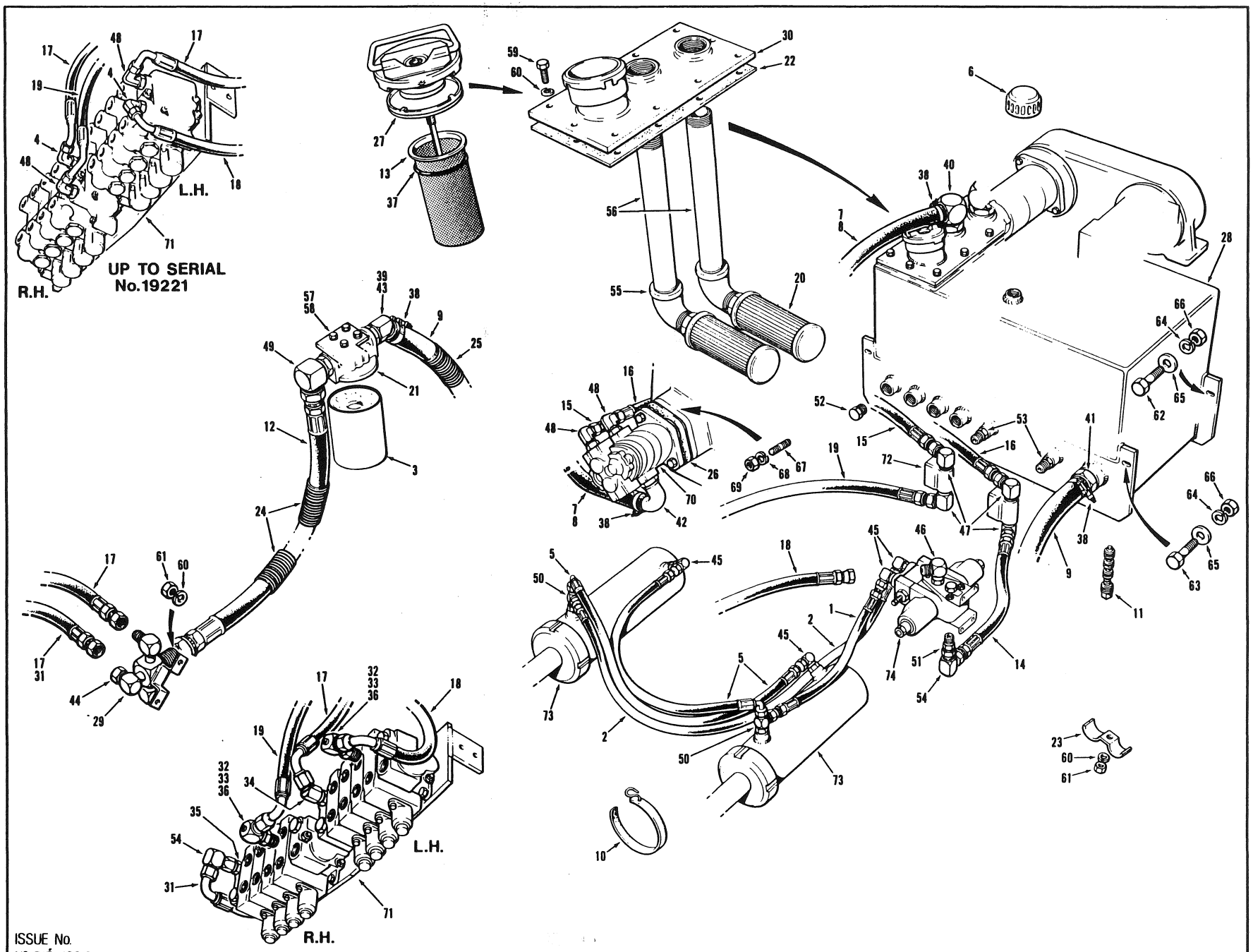


PRIMARY HYDRAULIC CIRCUIT - ALL WHEEL DRIVE

APRIL 1986

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	13028	FILTER ELEMENT - INCLUDES GASKET	1	
2	9313 X 28	HOSE	1	710A, 720A & 730A
3	9313 X 53.5	HOSE	1	
4	14379 X 90	HOSE	1	
5	14382 X 36	HOSE	2	710A, 720A & 730A
6	17156 X 8.5	HOSE	1	
7	17156 X 67	HOSE	1	
8	27449	MAGNETIC PLUG	1	
9	27739 X 60	HOSE	1	710, 720 & 730
10	27739 X 109	HOSE	1	710A, 720A & 730A
11	28008	STRAINER - INCLUDES ITEM 31	1	
12	*16894	AIR BREATHER	1	
13	28485 X 28	HOSE	2	710, 720 & 730
			3	710A, 720A & 730A
14	41646 X 6	HOSE PROTECTOR	A.R.	
15	41648 X 6	HOSE PROTECTOR	A.R.	
16	41715 X 6	HOSE PROTECTOR	A.R.	
17	28485 X 188	HOSE	1	710A, 720A & 730A
18	28485 X 212	HOSE	2	710, 720 & 730
			1	710A, 720A & 730A
19	32589	CONNECTOR - INCLUDES ITEM 51	2	
20	32668	STRAINER	2	
21	40219	HYDRAULIC OIL TANK	1	
22	40288	CROSS	1	
23	40290	CROSS	1	
24	40320	OIL FILTER - INCLUDES ITEM 1	1	
25	40425	GASKET	1	
26	40505	TUBE	1	
27	40406	TUBE	1	
28	40975	CLAMP	A.R.	
29	42167	FILLER CAP - INCLUDES DIPSTICK	1	
30	*50043	ACCESS PLATE	1	
31	12A-228	O RING	1	AS REQ'D
32	22A-200	CLAMP	4	
33	108A-2420	CONNECTOR	1	
34	108B-2420	CONNECTOR	2	
35	108C-2420	CONNECTOR	1	
36	108C-2424	CONNECTOR	1	
37	110E-08	CAP	1	
38	110E-12	CAP	1	
39	111B-1210	CONNECTOR	4	
40	112A-12	CONNECTOR	1	
41	111B-0808	CONNECTOR	4	710A, 720A
42	111B-1208	CONNECTOR	1	& 730A
43	111B-1212	CONNECTOR	2	
44	111B-2420	CONNECTOR	1	
45	111D-0808	TEE	2	710A, 720A
46	111E-1208	CONNECTOR	1	& 730A
47	111E-1212	CONNECTOR	2	
48	111H-12	PLUG	A.R.	
49	111P-1010	ADAPTER	2	
50	112B-12	CONNECTOR	A.R.	
51	115D-02	PLUG	2	
52	115E-08	PLUG	A.R.	
53	115J-2424	ELBOW	2	
54	115Z-2420	NIPPLE	2	
55	50A-0508	BOLT	4	
56	14A-05	LOCKWASHER	4	
57	*50A-0606	BOLT	10	
58	14A-06	LOCKWASHER	A.R.	
59	30A-06	NUT	A.R.	
60	50A-1016	BOLT	4	
61	14A-10	LOCKWASHER	4	
62	14C-10	FLATWASHER	4	
63	30A-10	NUT	4	
64	*50A-1018	BOLT	2	
65		HYDRAULIC PUMP ASSEMBLY	REF.	SECTION 4 PAGES 3/4
66		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGES 7/8
67		RELIEF VALVE ASSEMBLY	REF.	SECTION 4 PAGES 11/12
68		ARTICULATION CYLINDER - MODEL 710A	REF.	SECTION 4 PAGES 13/14
69		ARTICULATION CYLINDER - MODEL 720A & 730A	REF.	SECTION 4 PAGES 17/18
70		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGES 37/38
71	110AH-2012	ADAPTER	A.R.	
72	110AH-2016	ADAPTER	A.R.	
73	110AH-2420	ADAPTER	A.R.	



ISSUE No.
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PRIMARY HYDRAULIC CIRCUIT - ALL WHEEL DRIVE

APRIL 1989

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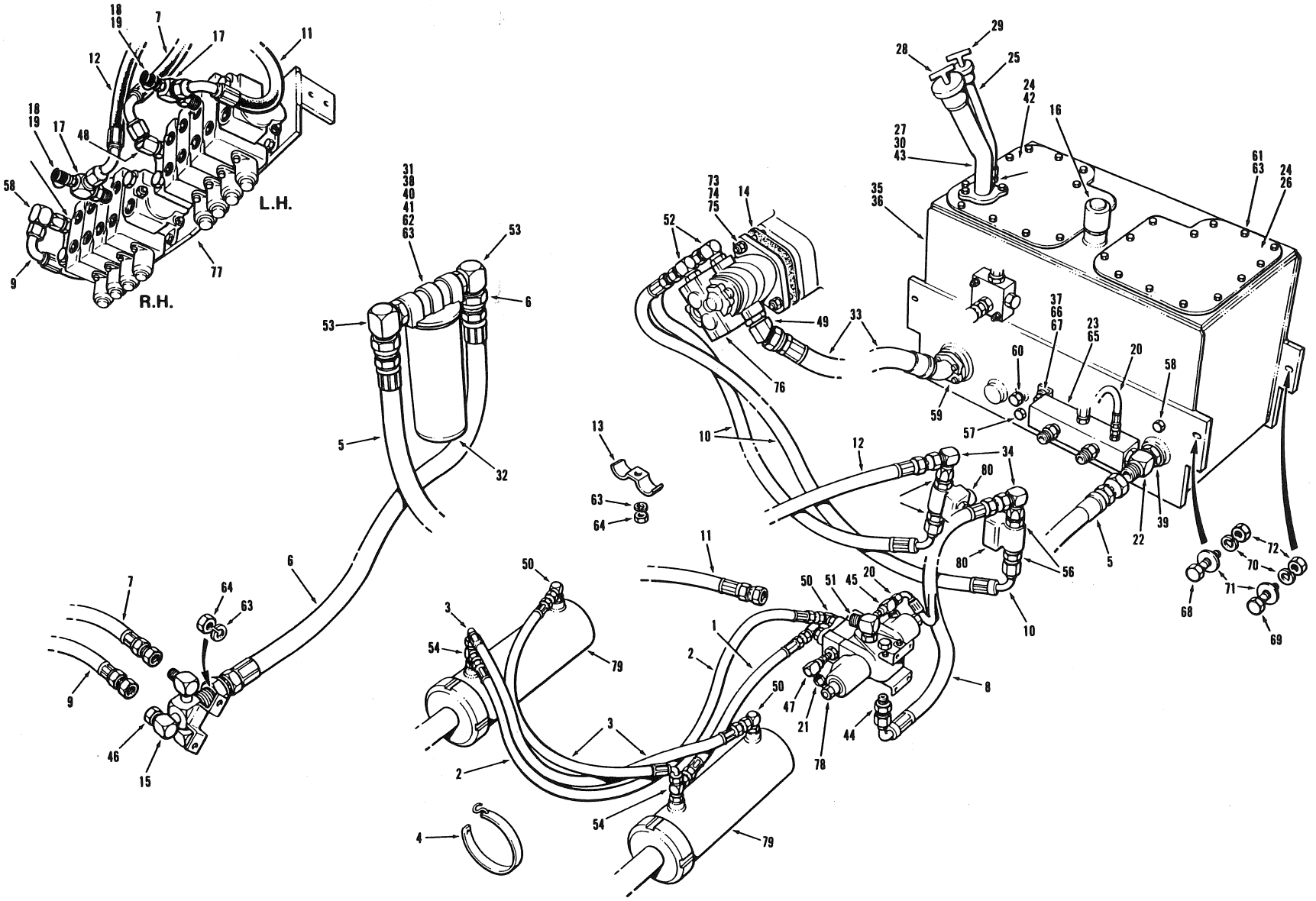
SECTION / SECCION 4 | PAGE / PAGINA 32 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 3

PRIMARY HYDRAULIC CIRCUIT - ALL WHEEL DRIVE

APRIL 1989

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	9313X28	HOSE	1	
2	9313X53.5	HOSE	1	
3	13028	FILTER ELEMENT - INCLUDES GASKET	1	
4	*14292	CONNECTOR	2	UP TO S/N 19221
5	14382X36	HOSE	2	
6	16894	AIR BREATHER	1	
7	*17156X24	HOSE	1	720A/730A
8	*17156X26	HOSE	1	710A
9	17156X67	HOSE	1	
10	*19588	STRAP	3	
11	27449	MAGNETIC PLUG	1	
12	27739X109	HOSE	1	
13	28008	STRAINER - INCLUDES ITEM 37	1	
14	28485X28	HOSE	1	
15	*28485X42	HOSE	1	
16	28485X47	HOSE	1	
17	*28696X24	HOSE	1 or 2	
18	*28696X120	HOSE	1	
19	*28696X140	HOSE	1	
20	32668	STRAINER	2	
21	40320	OIL FILTER - INCLUDES ITEM 3	1	
22	40425	GASKET	1	
23	40854	CLAMP	3	
24	41648X6	HOSE PROTECTOR	A.R.	
25	41715X6	HOSE PROTECTOR	A.R.	
26	*42794	GASKET	1	
27	*44672	FILLER CAP - INCLUDES DIPSTICK	1	
28	*45356	HYDRAULIC OIL TANK	1	
29	*45942	CROSS	1	
30	50043	ACCESS PLATE	1	
31	*28696X36	HOSE	1	S/N 19323 & UP
32	*51485	CONNECTOR	2	
33	51486	CONNECTOR ASSY. - INCLUDES ITEMS 32 & 36	2	
34	*111A-1210	CONNECTOR	1	
35	*111E-1210	CONNECTOR	1	
36	115D-02	PLUG	2	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
37	12A-228	O RING	1	
38	22A-200	CLAMP	4	
39	108A-2420	CONNECTOR	1	710A
40	*108A-2424	CONNECTOR	1	
41	108C-2424	CONNECTOR	1	
42	*108G-2420	CONNECTOR	1	
43	*108H-2420	CONNECTOR	1	720A/730A
44	110E-12	CAP	4	
45	111B-0808	CONNECTOR	4	
46	111B-1208	CONNECTOR	1	
47	111B-1210	CONNECTOR	4	
48	111B-1212	CONNECTOR	A.R.	
49	111B-2420	CONNECTOR	1	
50	111D-0808	TEE	2	
51	111E-1208	CONNECTOR	1	
52	111H-12	PLUG	A.R.	
53	111P-10	CONNECTOR	2	
54	112B-12	ELBOW	1 or 2	
55	115J-2424	ELBOW	2	
56	115Z-2420	NIPPLE	2	
57	50A-0508	BOLT	4	
58	14A-05	LOCKWASHER	4	
59	50A-0610	BOLT	10	
60	14A-06	LOCKWASHER	15	
61	30A-06	NUT	15	
62	50A-1016	BOLT	2	
63	50A-1018	BOLT	2	
64	14A-10	LOCKWASHER	4	
65	14C-10	FLATWASHER	4	
66	30A-10	NUT	4	
67	*354E-12075	STUD	2	
68	*314A-12	LOCKWASHER	2	
69	*330A-12	NUT	2	
70		*HYDRAULIC PUMP ASSEMBLY	REF.	SECTION 4 PAGE 2
71		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
72		RELIEF VALVE ASSEMBLY	REF.	SECTION 4 PAGE 14
73		*ARTICULATION CYLINDER ASSEMBLY	REF.	SECTION 4 PGS. 14&18
74		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGE 38



ISSUE No.
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PRIMARY HYDRAULIC CIRCUIT - ALL WHEEL DRIVE

OCTOBER 1989

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EFFECTIVE SERIAL NUMBER(S) 19982, 19984, 19985, 19986,
NUMERO(S) DE SÉRIE EFFECTIF(S) 20005, 20104, 20106, 20120 & UP
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 4 PAGE 31
SECCION 4 PAGINA 31

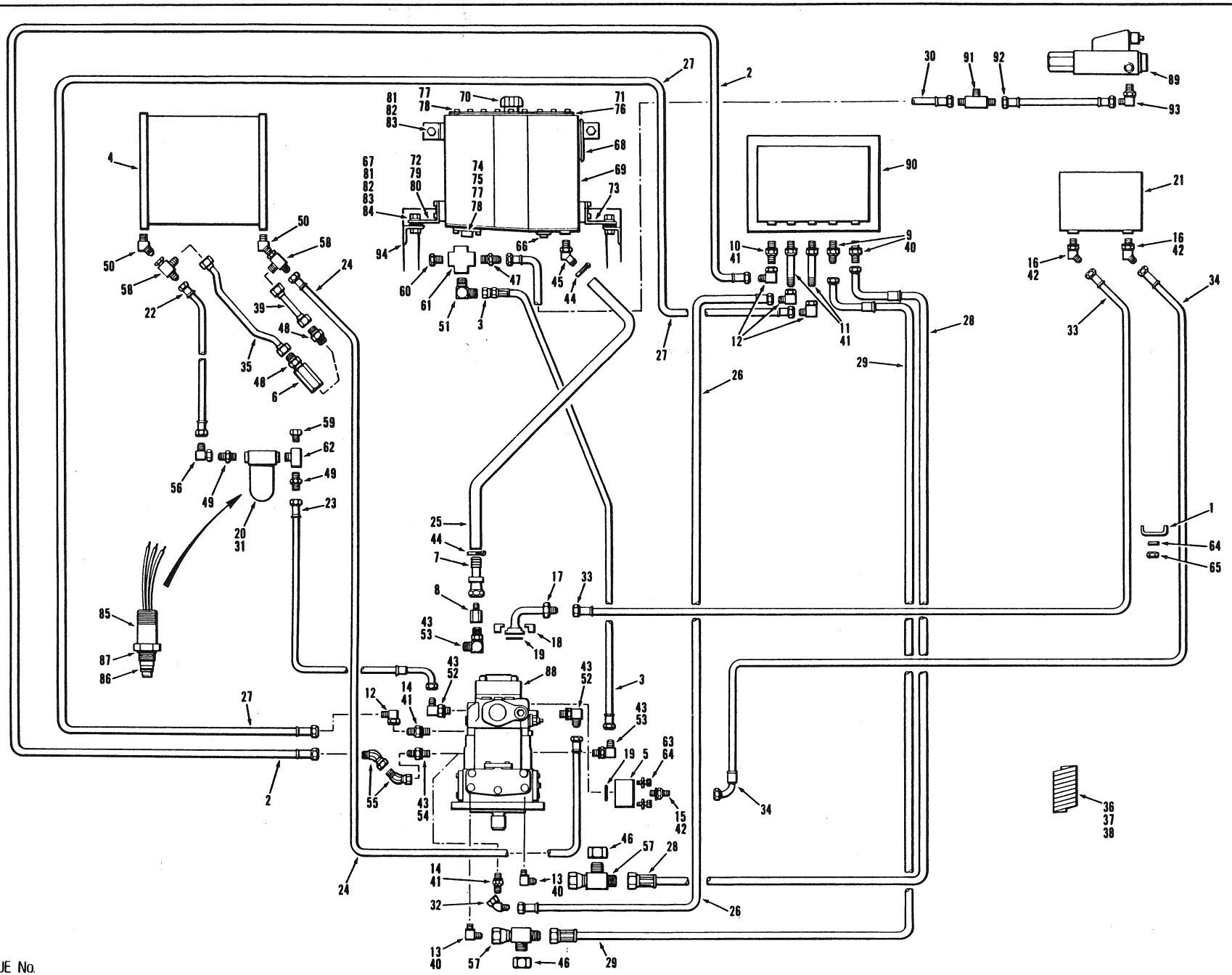
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SECTION / SECCION 4 | PAGE / PAGINA 32 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 4

PRIMARY HYDRAULIC CIRCUIT - ALL WHEEL DRIVE

OCTOBER 1989

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	9313 X 28	HOSE	1	
2	9313 X 53.5	HOSE	1	
3	14382 X 36	HOSE	2	
4	19588	STRAP	3	
5	*27739 X 76	HOSE	1	
6	27739 X 109	HOSE	1	
7	28696 X 24	HOSE	1	
8	*28696 X 27	HOSE	1	
9	28696 X 36	HOSE	1	
10	*28696 X 55	HOSE	2	
11	28696 X 120	HOSE	1	
12	28696 X 140	HOSE	1	
13	40854	CLAMP	1	
14	42794	GASKET	1	
15	45942	CROSS	1	
16	48878	BREATHER	1	
17	49837	CONNECTOR	2	
18	*51286	QUICK DISCONNECT COUPLING - MALE	2	
	*51287	QUICK DISCONNECT COUPLING - FEMALE (FOR TESTING)	1	
19	*51288	DUST CAP	2	
20	*52086 X 36.5	HOSE	1	
21	*52087	TUBE	1	
22	*53378	TEE	1	
23	*53379	MANIFOLD	1	
24	*53439	GASKET - COVER PLATE	2	
25	*53466	NECK ASSEMBLY - DIP STICK	1	
26	*53469	COVER PLATE - L.H.	1	
27	*53488	GASKET - FILLER NECK	1	
28	*53491	CAP	1	
29	*53492	DIP STICK	1	
30	*53495	STRAINER	1	
31	*53510	FILTER ASSEMBLY C/W INDICATOR - C/W ITEMS 32 & 40	1	
32	*53527	FILTER ELEMENT	1	
33	*53568 X 29.25	HOSE	1	
34	*53623	ELBOW	2	
35	*54021	HYDRAULIC OIL TANK	1	
36	*54040	MAGNETIC PLUG	1	
37	*54055	BRACKET	1	
38	*54041	FILTER ASSEMBLY W/O INDICATOR - C/W ITEMS 32 & 41	1	
39	*54137	DIFFUSER	1	
40	*54171	HEAD	1	
41	*54172	HEAD	1	
42	*54352	COVER PLATE - R.H.	1	
43	*54353	FILLER NECK	1	
44	*54416	CONNECTOR	2	
45	*110AE-0402	TEE	1	
46	110E-12	CAP	1	
47	*110U-0402	CONNECTOR	1	
48	111A-1210	CONNECTOR	1	
49	*111A-2420	CONNECTOR	1	
50	111B-0808	CONNECTOR	4	
51	111B-1210	CONNECTOR	1	
52	111B-1212	CONNECTOR	2	
52	111B-2420	CONNECTOR	2	
54	111D-0808	TEE	2	
55	*111E-0808	CONNECTOR	1	
56	*111E-1212	CONNECTOR	4	
57	*111H-08	PLUG	2	
58	112B-12	CONNECTOR	1	
59	*114D-24	FLANGE - C/W O RING & HARDWARE	1	
60	*115C-08	PLUG	1	
61	*50A-0608	BOLT	26	
62	*50A-0612	BOLT	3	
63	14A-06	LOCKWASHER	32	
64	30A-06	NUT	3	
65	*50A-0808	BOLT	1	
66	*14A-08	LOCKWASHER	1	
67	*30A-08	NUT	1	
68	50A-1016	BOLT	2	
69	50A-1018	BOLT	2	
70	14A-10	LOCKWASHER	4	
71	14C-10	FLATWASHER	4	
72	30A-10	NUT	4	
73	354E-12075	STUD	2	
74	314A-12	LOCKWASHER	2	
75	330A-12	NUT	2	
76		HYDRAULIC PUMP	REF.	SECTION 4 PAGE 2
77		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
78		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGE 38
79		ARTICULATION CYLINDER ASSEMBLY	REF.	SECTION 4 PGS. 14 & 18
80		RELIEF VALVE ASSEMBLY	REF.	SECTION 4 PAGE 14



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HYDRAULIC CIRCUIT & TANK INSTALLATION - ALL WHEEL DRIVE

NOVEMBER 1985

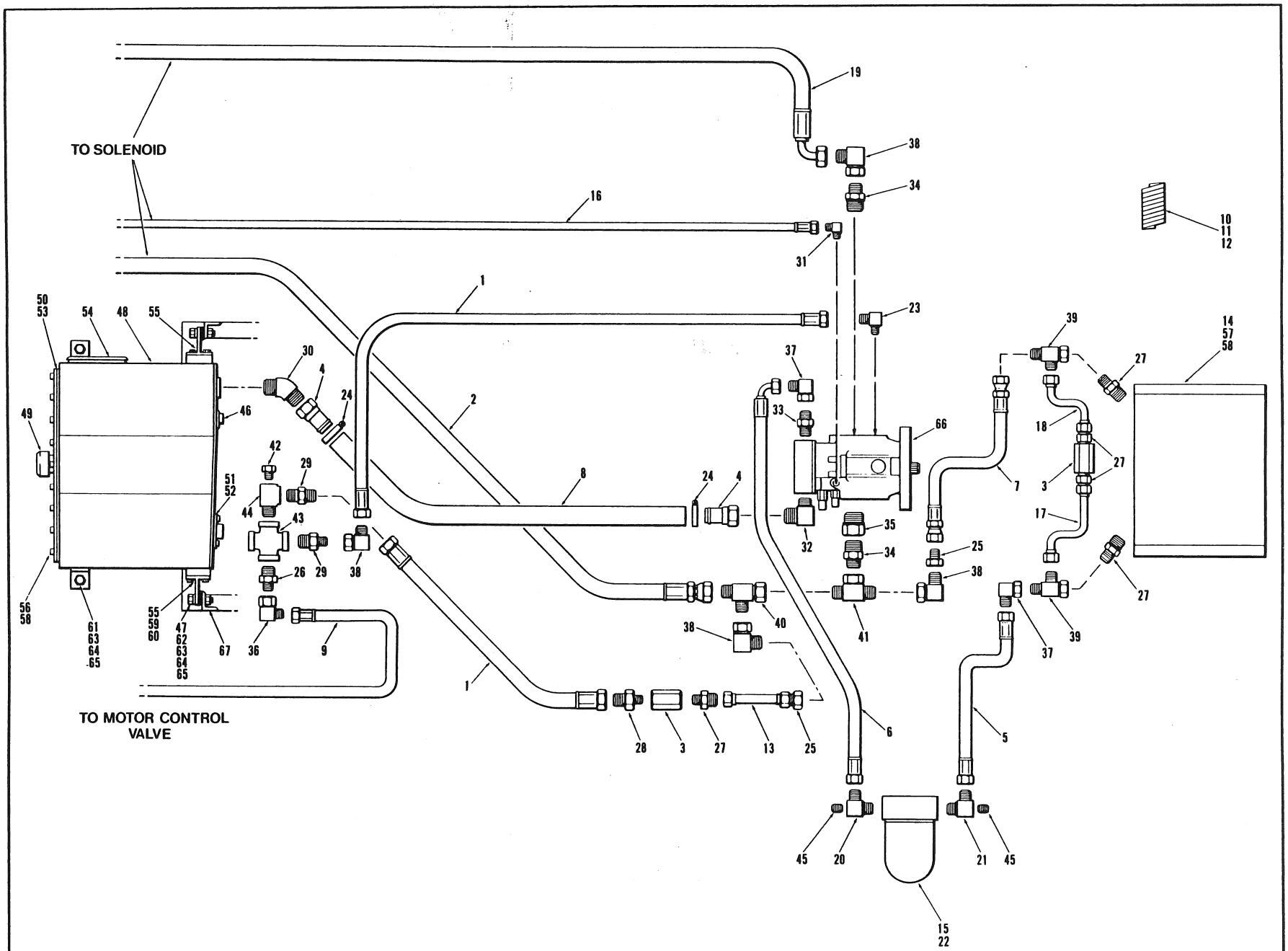
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SECTION 4 / SECCION 4 — PAGE 34 / PAGINA 34 — ISSUE No. / N° D'ÉMISSION / N° DE EDICION 1 REVISION A

HYDRAULIC CIRCUIT & TANK INSTALLATION - ALL WHEEL DRIVE

NOVEMBER 1985

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	8425	HOSE CLIP	1	
2	9313 X 22	HOSE	1	
3	28485 X 102	HOSE	1	
4	30572	COOLER	1	
5	30601	ELBOW BLOCK	1	
6	30652	CHECK VALVE	1	
7	30653	CONNECTOR	1	
8	30654	REDUCER	1	
9	30655	CONNECTOR	2	
10	30656	CONNECTOR	1	
11	30657	EXTENDED CONNECTOR	2	
12	30658	CONNECTOR	4	
13	30660	CONNECTOR	2	
14	30661	CONNECTOR	2	
15	30662	CONNECTOR	1	
16	30663	CONNECTOR	2	
17	30666	CONNECTOR	1	
18	30667	FLANGE KIT	1	
19	30668	O RING	2	
20	30669	FILTER - INCLUDES ITEMS 31 & 85 TO 87	1	
21	30671	FLOW DIVIDER VALVE	1	
22	30673	HOSE	1	
23	30674	HOSE	1	
24	30675	HOSE	1	
25	30677	HOSE	1	
26	30678	HOSE	1	
27	30679	HOSE	1	
28	30680	HOSE	1	
29	30681	HOSE	1	
30	30739	HOSE	1	
31	30790	FILTER ELEMENT	1	
32	30911	CONNECTOR	1	
33	30916	HOSE	1	
34	30917	HOSE	1	
35	30920	TUBE	1	
36	30925	HOSE WRAPPING - 3/4"	1	
37	30926	HOSE WRAPPING - 1/2"	1	
38	30927	HOSE WRAPPING - 1"	1	
39	30956	TUBE	1	
40	43463*	O RING	4	
41	43464*	O RING	5	
42	43465*	O RING	3	
43	43466*	O RING	5	
44	22A-150*	HOSE CLAMP	2	
45	108F-1616	CONNECTOR	1	
46	110E-04	CAP	2	
47	110G-0812	CONNECTOR	1	
48	110G-1008	CONNECTOR	2	
49	110G-1012	CONNECTOR	2	
50	110P-1008	CONNECTOR	2	
51	110R-1212	CONNECTOR	1	
52	111B-1010	CONNECTOR	2	
53	111B-1210	CONNECTOR	2	
54	111E-0810	CONNECTOR	1	
55	112A-08	ELBOW	2	
56	112B-10	ELBOW	1	
57	112C-04	TEE	2	
58	112C-10	TEE	2	
59	115B-1204	REDUCER	1	
60	115B-1206	REDUCER	1	
61	115N-12	CROSS	1	
62	115W-1212	TEE	1	
63	50D-0615	BOLT	4	
64	14A-06	LOCKWASHER	5	
65	30A-06	NUT	1	
		HYDRAULIC TANK INSTALLATION		
66	3614	MAGNETIC PLUG	1	
67	12375	RUBBER MOUNT	4	
68	16731	FLUID LEVEL GAUGE	1	
69	30502	HYDRAULIC OIL TANK	1	
70	30504	FILLER & BREATHER CAP ASSY.	1	
71	30509	GASKET	1	
72	30510	MOUNTING BRACKET - R.H.	1	
73	30511	MOUNTING BRACKET - L.H.	1	
74	30517	SUCTION STRAINER ASSY.	1	
75	30518	GASKET	1	
76	30519	COVER PLATE	1	
77	50A-0606	BOLT	21	
78	14A-06	LOCKWASHER	21	
79	50A-0810	BOLT	4	
80	14A-08	LOCKWASHER	4	
81	50A-1016	BOLT	4	
82	14A-10	LOCKWASHER	4	
83	14C-10	FLATWASHER	4	
84	30A-10	NUT	2	
85	41562	BY-PASS SWITCH - C/W ITEMS 86 & 87	1	
86	12A-015	O RING	1	
87	12A-017	O RING	1	
88		PUMP	REF.	SECTION 4 PAGE 3/4
89		MOTOR CONTROL VALVE	REF.	SECTION 4 PAGE 27/28
90		PUMP CONTROL VALVE	REF.	SECTION 4 PAGE 29/30
91		MALE TEE	REF.	SECTION 4 PAGE 35
92		HYDRAULIC HOSE ASSEMBLY	REF.	
93		90° MALE CONNECTOR	REF.	
94		TANK SUPPORT	REF.	SECTION 8 PAGE 3/4



EFFECTIVE SERIAL NUMBER(S) 16860 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. NOT APPLICABLE

700 SERIES
SERIE 700

SECTION 4 PAGE 33
SECCION PAGINA

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HYDRAULIC CIRCUIT & TANK INSTALLATION - ALL WHEEL DRIVE

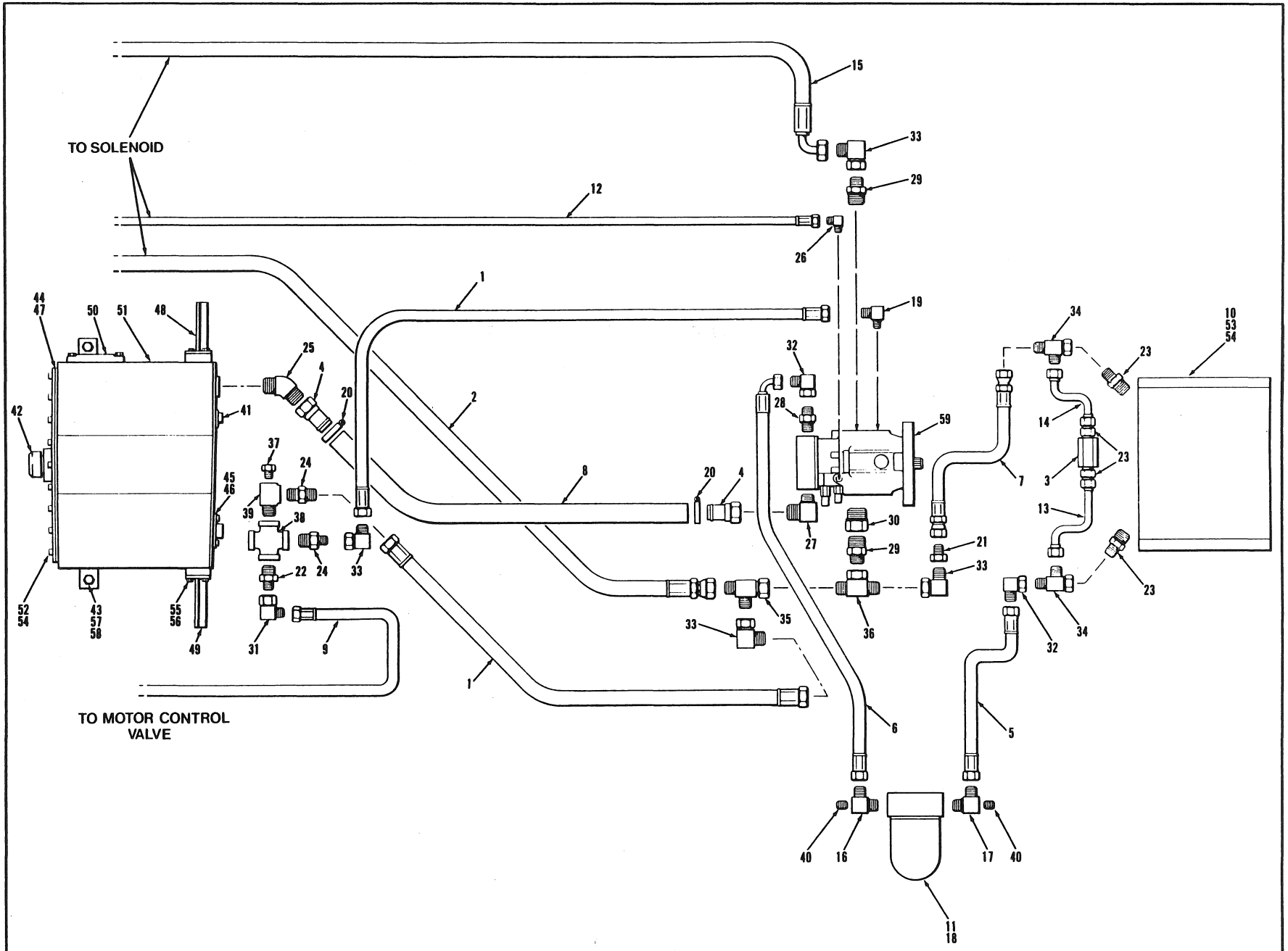
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No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	14377 X 95	HOSE	2	
2	28485 X 338	HOSE	1	
3	30652	CHECK VALVE	2	
4	30653	CONNECTOR	2	
5	30673	HOSE	1	
6	30674	HOSE	1	
7	*30675	HOSE	1	
8	30677 X 90	HOSE	1	
9	30739	HOSE	1	
10	30925 X 60	HOSE WRAPPING - 3/4"	1	
11	30926 X 70	HOSE WRAPPING - 1/2"	2	
12	30927 X 100	HOSE WRAPPING - 1"	4	
13	*30956	TUBE	1	
14	41544	COOLER	1	
15	41951	FILTER - INCLUDES ITEM 22	1	
16	42218 X 338	HOSE	1	
17	43387	TUBE	1	
18	43388	TUBE	1	
19	43491 X 338	HOSE	1	
20	43708	CONNECTOR	1	
21	43709	CONNECTOR	1	
22	44419	FILTER ELEMENT	1	
23	*44897	CONNECTOR	1	
24	22A-150	HOSE CLAMP	2	
25	110AH-1012	CONNECTOR	2	
26	110G-0812	CONNECTOR	1	
27	110G-1008	CONNECTOR	5	
28	110G-1208	CONNECTOR	1	
29	110G-1212	CONNECTOR	2	
30	110P-1616	CONNECTOR	1	
31	111B-0404	CONNECTOR	1	
32	111B-1612	CONNECTOR	1	
33	111E-1010	CONNECTOR	1	
34	111E-1216	CONNECTOR	2	
35	111R-2016	REDUCER	1	
36	112B-08	CONNECTOR	1	
37	112B-10	ELBOW	2	
38	112B-12	ELBOW	4	
39	112C-10	TEE	2	
40	112C-12	TEE	1	
41	112D-12	TEE	1	
42	115B-1206	PIPE BUSHING	1	
43	115N-12	PIPE CROSS	1	
44	115V-1212	TEE	1	
45	115D-02	PIPE PLUG	2	
46	3614	MAGNETIC PLUG	1	
47	12375	RUBBER MOUNT	4	
48	30502	HYDRAULIC OIL TANK	1	
49	30504	FILLER & BREATHER CAP ASSY.	1	
50	30509	GASKET	1	
51	30517	SUCTION STRAINER ASSY.	1	
52	30518	GASKET	1	
53	30519	COVER PLATE	1	
54	*37554	FLUID LEVEL GAUGE	1	
55	*45414	MOUNTING BRACKET	2	
56	50A-0606	BOLT	4	
57	50A-0608	BOLT	4	
58	14A-06	LOCKWASHER	4	
59	50A-0810	BOLT	4	
60	14A-08	LOCKWASHER	4	
61	50A-1016	BOLT	2	
62	50A-1018	BOLT	2	
63	14A-10	LOCKWASHER	4	
64	14C-10	FLATWASHER	4	
65	30A-10	NUT	2	
66		PUMP	REF.	SECTION 4 PAGE 4
67		TANK SUPPORT	REF.	SECTION 8 PAGE 4
	*44904	F.A. 301 - INCLUDES ITEMS 1,23,29 38 & PUMP(REF. SEC.4 PG.4)	A.R.	

EFFECTIVE SERIAL NUMBER(S) 18878 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

HYDRAULIC CIRCUIT & TANK INSTALLATION - ALL WHEEL DRIVE

AUGUST 1988

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

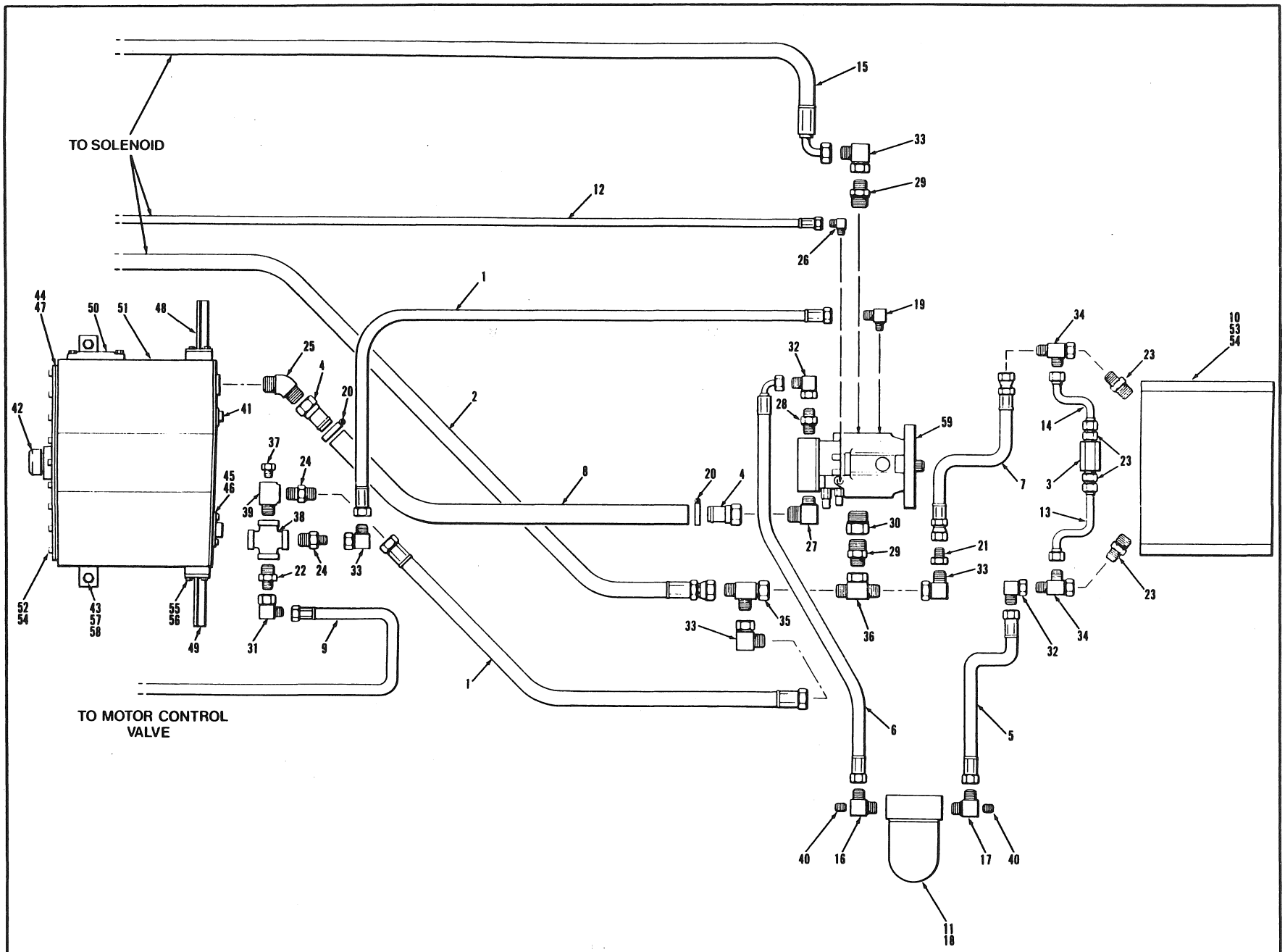
USE ONLY CHAMPION APPROVED PARTS

SECTION / SECCION 4 | PAGE / PAGINA 34 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 3

HYDRAULIC CIRCUIT & TANK INSTALLATION - ALL WHEEL DRIVE

AUGUST 1988

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	14377 X 95	HOSE	2	
2	28485 X 338	HOSE	1	
3	30652	CHECK VALVE	1	
4	30653	CONNECTOR	2	
5	30673	HOSE	1	
6	30674	HOSE	1	
7	30675	HOSE	1	
8	30677 X 90	HOSE	1	
9	30739	HOSE	1	
10	41544	COOLER	1	
11	41951	FILTER - INCLUDES ITEM 18	1	
12	42218 X 338	HOSE	1	
13	43387	TUBE	1	
14	43388	TUBE	1	
15	43491 X 338	HOSE	1	
16	43708	CONNECTOR	1	
17	43709	CONNECTOR	1	
18	44419	FILTER ELEMENT	1	
19	44897	CONNECTOR	1	
20	22A-150	HOSE CLAMP	2	
21	110AH-1012	CONNECTOR	1	
22	110G-0812	CONNECTOR	1	
23	110G-1008	CONNECTOR	4	
24	110G-1212	CONNECTOR	2	
25	110P-1616	CONNECTOR	1	
26	111B-0404	CONNECTOR	1	
27	111B-1612	CONNECTOR	1	
28	111E-1010	CONNECTOR	1	
29	111E-1216	CONNECTOR	1	
30	111R-2016	REDUCER	1	
31	112B-08	CONNECTOR	1	
32	112B-10	ELBOW	2	
33	112B-12	ELBOW	4	
34	112C-10	TEE	2	
35	112C-12	TEE	1	
36	112D-12	TEE	1	
37	115B-1206	PIPE BUSHING	1	
38	115N-12	PIPE CROSS	1	
39	115V-1212	TEE	1	
40	115D-02	PIPE PLUG	2	
41	3614	MAGNETIC PLUG	1	
42	30504	FILLER & BREATHER CAP ASSY.	1	
43	30508	MOUNTING PAD	2	
44	30509	GASKET	1	
45	30517	SUCTION STRAINER ASSY.	1	
46	30518	GASKET	1	
47	30519	COVER PLATE	1	
48	*37055	MOUNTING PLATE - L.H.	1	REPAIR PART
49	*37056	MOUNTING PLATE - R.H.	1	REPAIR PART
50	37554	FLUID LEVEL GAUGE	1	
51	*48566	HYDRAULIC OIL TANK	1	
52	50A-0606	BOLT	21	
53	50A-0608	BOLT	4	
54	14A-06	LOCKWASHER	25	
55	50A-0810	BOLT	4	
56	14A-08	LOCKWASHER	4	
57	*50A-1008	BOLT	2	
58	14A-10	LOCKWASHER	2	
59		PUMP	REF.	SECTION 4 PAGE 4
		F.A. 301 - INCLUDES ITEMS 1,23,29 38 & PUMP(REF. SEC.4 PG.4)	A.R.	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **4 REVISION A**

HYDRAULIC CIRCUIT & TANK INSTALLATION - ALL WHEEL DRIVE

JANUARY 1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 19431, 19458, 19565, 19566,
NUMERO(S) DE SÉRIE EFFECTIF(S) 19568 to 19578, 19580 to 19589,
NUMERO(S) DE SERIE EFECTIVO(S) 19591, 19592, 19594 to 19610,
19612 to 19614, 19616, 19618 & UP

700 SERIES
SERIE 700

SECTION 4 PAGE 33
SECCION 4 PAGINA 33

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

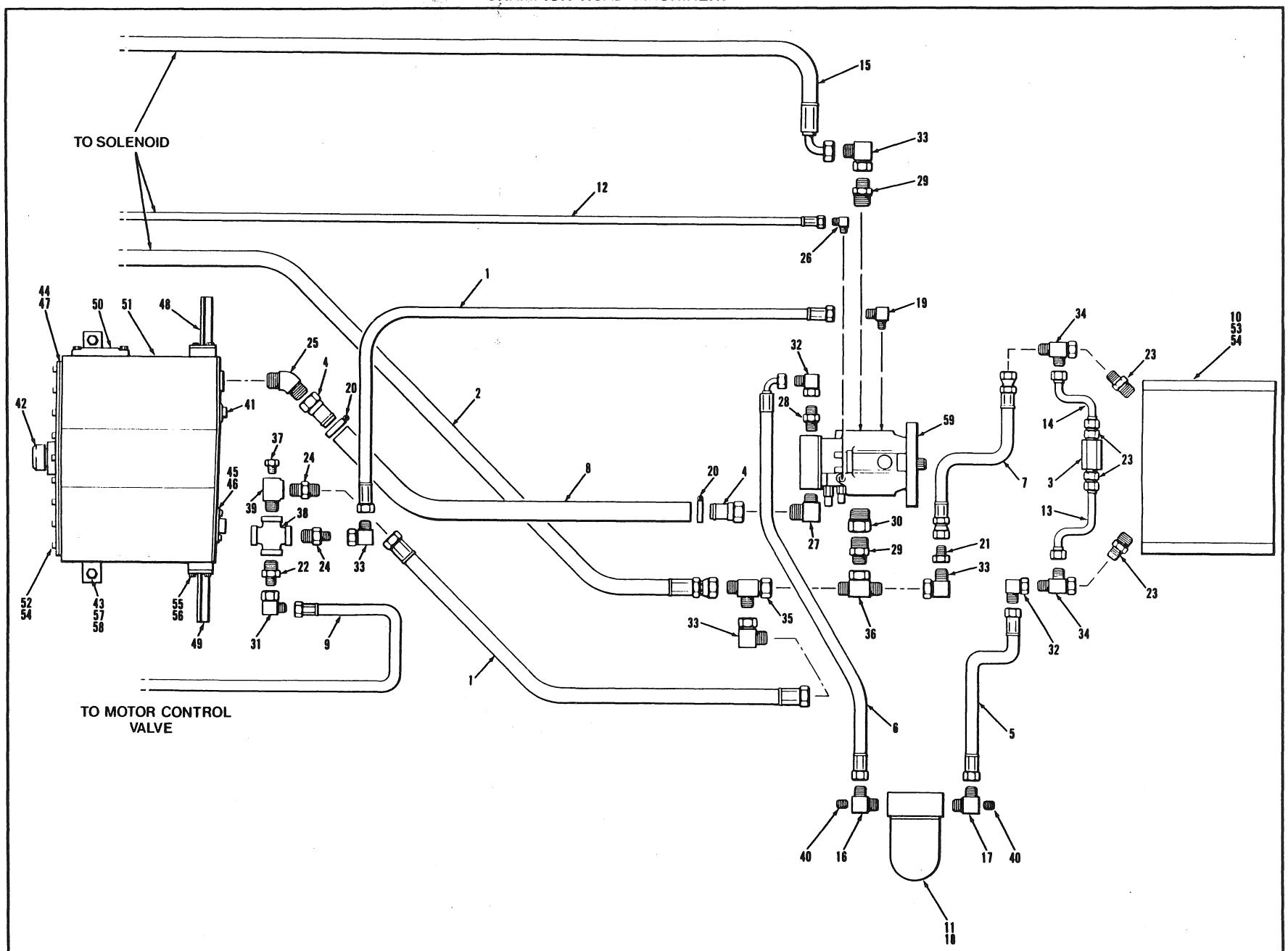
FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

HYDRAULIC CIRCUIT & TANK INSTALLATION - ALL WHEEL DRIVE

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	14377 x 95	HOSE	2	
2	28485 x 338	HOSE	1	
3	30652	CHECK VALVE	1	
4	30653	CONNECTOR	2	
5	53042	HOSE	1	
6	53041	HOSE	1	
7	30675	HOSE	1	
8	30677 x 90	HOSE	1	
9	30739	HOSE	1	
10	41544	COOLER	1	to S/N 20238
	*52927	COOLER	1	S/N 20313 & up
11	41951	FILTER - INCLUDES ITEM 18	1	
12	42218 x 338	HOSE	1	
13	43387	TUBE	1	
14	43388	TUBE	1	
15	43491 x 338	HOSE	1	
16	43708	CONNECTOR	1	
17	43709	CONNECTOR	1	
18	44419	FILTER ELEMENT	1	
19	44897	CONNECTOR	1	
20	22A-150	HOSE CLAMP	2	
21	110AH-1012	CONNECTOR	1	
22	110G-0812	CONNECTOR	1	
23	110G-1008	CONNECTOR	4	
24	110G-1212	CONNECTOR	2	
25	110P-1616	CONNECTOR	1	
26	111B-0404	CONNECTOR	1	
27	*111B-1216	CONNECTOR	1	
28	111E-1010	CONNECTOR	1	
29	111E-1216	CONNECTOR	1	
30	111R-2016	REDUCER	1	
31	112B-08	CONNECTOR	1	
32	112B-10	ELBOW	2	
33	112B-12	ELBOW	4	
34	112C-10	TEE	2	
35	112C-12	TEE	1	
36	112D-12	TEE	1	
37	115B-1206	PIPE BUSHING	1	
38	115N-12	PIPE CROSS	1	
39	115V-1212	TEE	1	
40	115D-02	PIPE PLUG	2	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
41	3614	MAGNETIC PLUG	1	
42	30504	FILLTER & BREATHER CAP ASSEMBLY	1	
43	30508	MOUNTING PAD	2	
44	30509	GASKET	1	
45	30517	SUCTION STRAINER ASSEMBLY	1	
46	30518	GASKET	1	
47	30519	COVER PLATE	1	
48	37055	MOUNTING PLATE - L.H.	1	REPAIR PART
49	37056	MOUNTING PLATE - R.H.	1	
50	37554	FLUID LEVEL GAUGE	1	
51	48566	HYDRAULIC OIL TANK	1	
52	50A-0606	BOLT	21	
53	50A-0608	BOLT	6	
54	14A-06	LOCKWASHER	25	
55	50A-0810	BOLT	4	
56	14A-08	LOCKWASHER	4	
57	50A-1008	BOLT	2	
58	14A-10	LOCKWASHER	2	
59		PUMP	REF.	SECTION 4 PAGE 4

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS



ISSUE No.
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Nº DE EDICION 5

HYDRAULIC CIRCUIT & TANK INSTALLATION - ALL WHEEL DRIVE

FEBRUARY 1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

HYDRAULIC CIRCUIT & TANK INSTALLATION - ALL WHEEL DRIVE

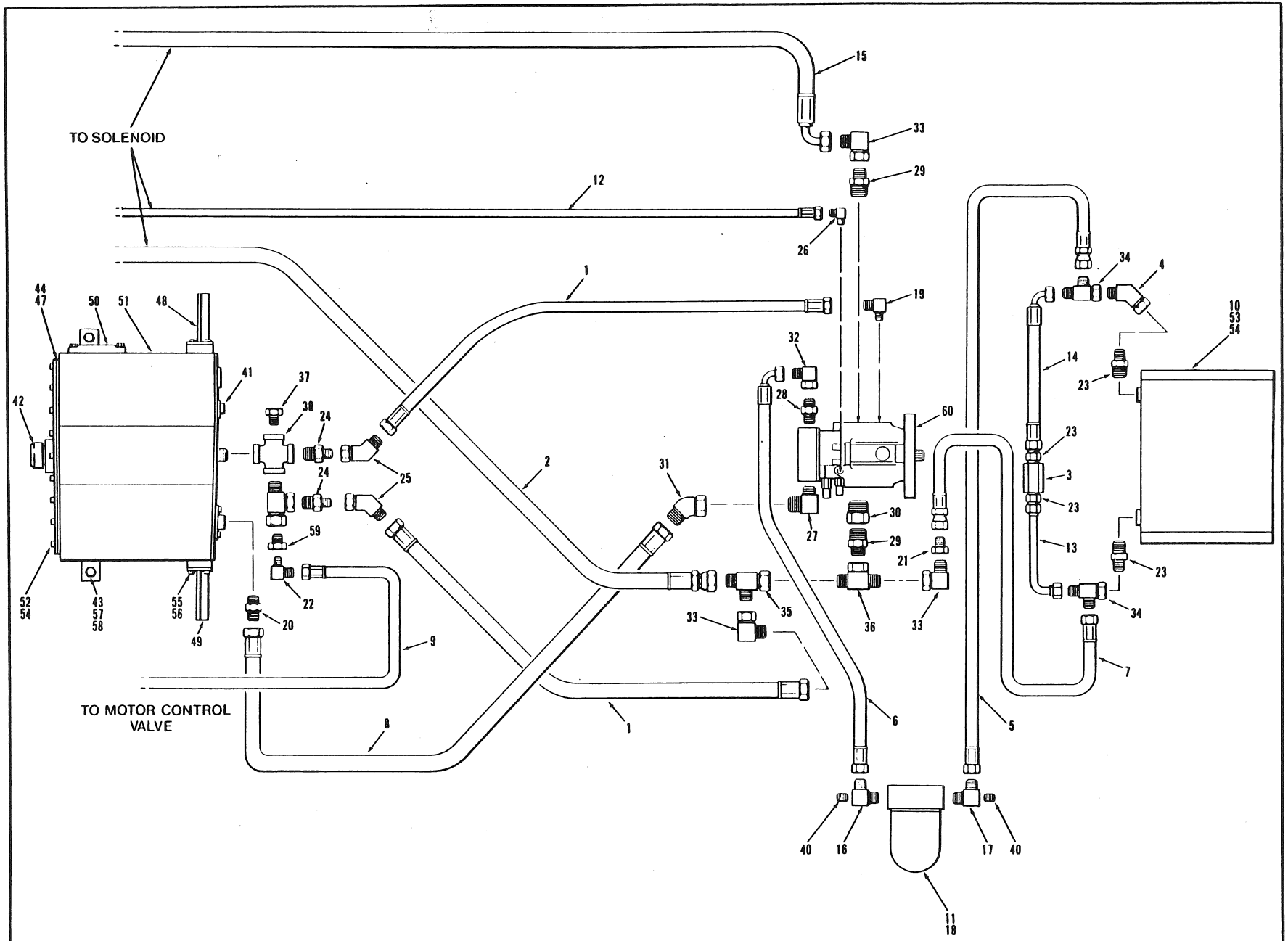
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	14377 x 95	HOSE	2	
2	28485 x 338	HOSE	1	
3	30652	CHECK VALVE	1	
4	30653	CONNECTOR	2	
5	*53042 x 42	HOSE	1	
6	*53041 x 38	HOSE	1	
7	*53042 x30	HOSE	1	
8	30677 x 90	HOSE	1	
9	*9313 x 240	HOSE	1	
10	52927	COOLER	1	
11	41951	FILTER - INCLUDES ITEM 18	1	
12	42218 x 338	HOSE	1	
13	*56220	TUBE	1	
14	*56221	TUBE	1	
15	43491 x 338	HOSE	1	
16	43708	CONNECTOR	1	
17	43709	CONNECTOR	1	
18	44419	FILTER ELEMENT	1	
19	44897	CONNECTOR	1	
20	22A-150	HOSE CLAMP	2	
21	110AH-1012	CONNECTOR	1	
22	110G-0812	CONNECTOR	1	
23	110G-1008	CONNECTOR	4	
24	110G-1212	CONNECTOR	2	
25	110P-1616	CONNECTOR	1	
26	111B-0404	CONNECTOR	1	
27	111B-1216	CONNECTOR	1	
28	111E-1010	CONNECTOR	1	
29	111E-1216	CONNECTOR	1	
30	111R-2016	REDUCER	1	
31	112B-08	CONNECTOR	1	
32	112B-10	ELBOW	2	
33	112B-12	ELBOW	4	
34	112C-10	TEE	2	
35	112C-12	TEE	1	
36	112D-12	TEE	1	
37	115B-1206	PIPE BUSHING	1	
38	115N-12	PIPE CROSS	1	
39	115V-1212	TEE	1	
40	115D-02	PIPE PLUG	2	
41	3614	MAGNETIC PLUG	1	
42	30504	FILLTER & BREATHER CAP ASSEMBLY	1	
43	30508	MOUNTING PAD	2	
44	30509	GASKET	1	
45	30517	SUCTION STRAINER ASSEMBLY	1	
46	30518	GASKET	1	
47	30519	COVER PLATE	1	
48	37055	MOUNTING PLATE - L.H.	1	REPAIR PART
49	37056	MOUNTING PLATE - R.H.	1	REPAIR PART
50	37554	FLUID LEVEL GAUGE	1	
51	48566	HYDRAULIC OIL TANK	1	
52	50A-0606	BOLT	21	
53	50A-0608	BOLT	6	
54	14A-06	LOCKWASHER	25	
55	50A-0810	BOLT	4	
56	14A-08	LOCKWASHER	4	
57	50A-1008	BOLT	2	
58	14A-10	LOCKWASHER	2	
59		PUMP	REF.	SECTION 4 PAGE 4

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
20893 & UP

700 SERIES
SERIE 700

SECTION 4 PAGE
SECCION 4 PAGINA 33

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 6 REVISION A

HYDRAULIC CIRCUIT & TANK INSTALLATION - ALL WHEEL DRIVE

JUNE 1991

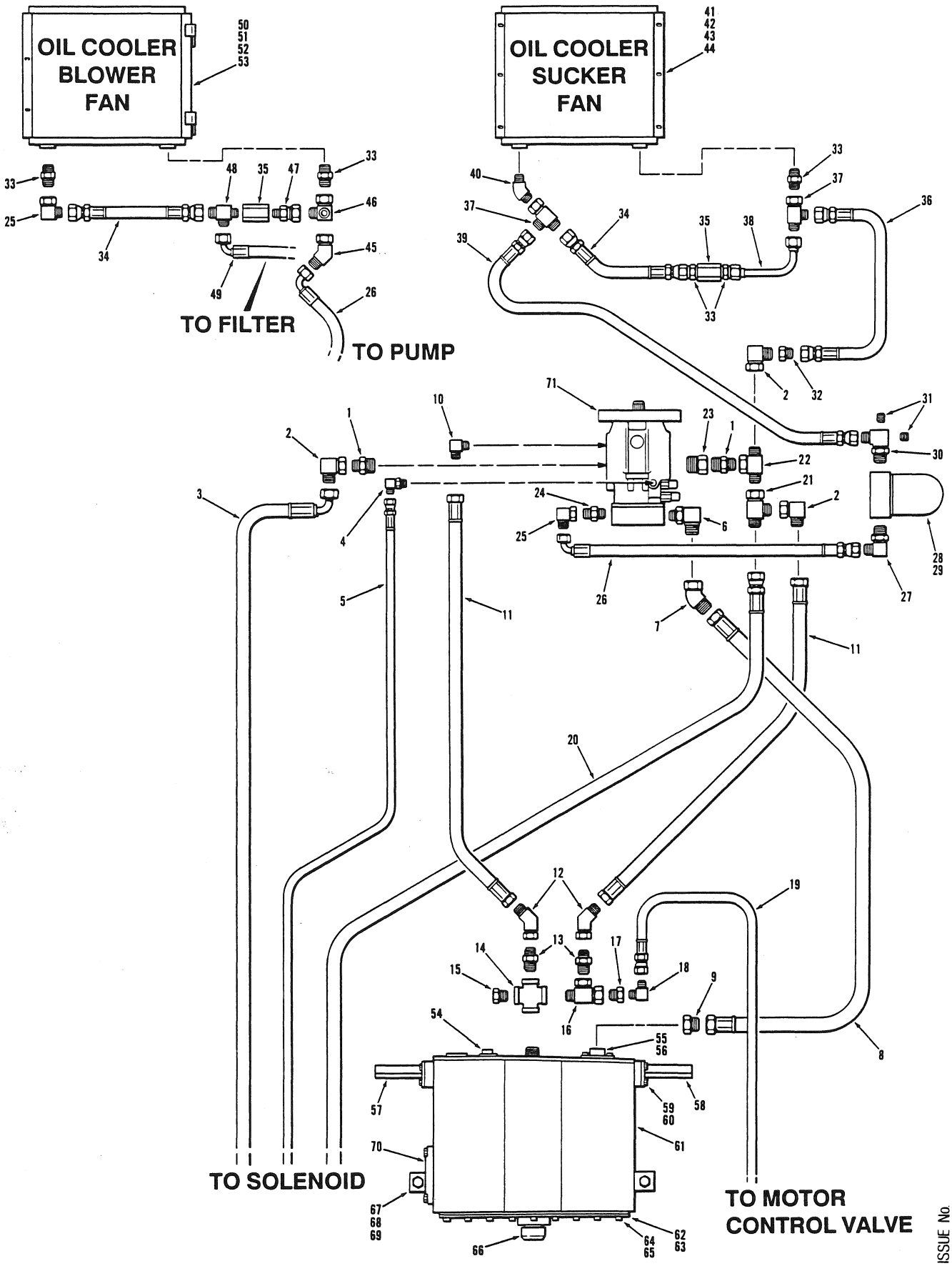
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SECTION 4 PAGE 34 ISSUE No. 6 REVISION A

HYDRAULIC CIRCUIT & TANK INSTALLATION - ALL WHEEL DRIVE

JUNE 1991

No.	PART No.	DESCRIPTION	No. REQ.	REMARKS
1	14377 x 95	HOSE	2	
2	28485 x 338	HOSE	1	
3	59087	CHECK VALVE	1	
4	110P-1008	CONNECTOR	1	
5	53042 x 42	HOSE	1	
6	53041 x 38	HOSE	1	
7	53042 x 30	HOSE	1	
8	14384 x 96	HOSE	1	
9	9313 x 240	HOSE	1	
10	52927	COOLER	1	
11	41951	FILTER - INCLUDES ITEM 18	1	
12	42218 x 338	HOSE	1	
13	56220	TUBE	1	
14	*53042 x 20	HOSE	1	
15	43491 x 338	HOSE	1	
16	43708	CONNECTOR	1	
17	43709	CONNECTOR	1	
18	44419	FILTER ELEMENT	1	
19	44897	CONNECTOR	1	
20	110G-1616	CONNECTOR	1	
21	110AH-1012	CONNECTOR	1	
22	110R-0808	CONNECTOR	1	
23	110G-1008	CONNECTOR	4	
24	110G-1212	CONNECTOR	2	
25	112A-12	CONNECTOR	2	
26	111B-0404	CONNECTOR	1	
27	111B-1216	CONNECTOR	1	
28	111E-1010	CONNECTOR	1	
29	111E-1216	CONNECTOR	1	
30	111R-2016	REDUCER	1	
31	112A-16	CONNECTOR	1	
32	112B-10	ELBOW	2	
33	112B-12	ELBOW	2	
34	112C-10	TEE	2	
35	112C-12	TEE	1	
36	112D-12	TEE	1	
37	115B-1206	PIPE BUSHING	1	
38	115N-12	PIPE CROSS	1	
39	115V-1212	TEE	1	
40	115D-02	PIPE PLUG	2	
41	3614	MAGNETIC PLUG	1	
42	30504	FILTER & BREATHER CAP ASSEMBLY	1	
43	30508	MOUNTING PAD	2	
44	30509	GASKET	1	
45	30517	SUCTION STRAINER ASSEMBLY	1	
46	30518	GASKET	1	
47	30519	COVER PLATE	1	
48	37055	MOUNTING PLATE - L.H.	1	Repair Part
49	37056	MOUNTING PLATE - R.H.	1	Repair Part
50	37554	FLUID LEVEL GAUGE	1	
51	56708	HYDRAULIC OIL TANK	1	
52	50A-0606	BOLT	21	
53	50A-0608	BOLT	6	
54	14A-06	LOCKWASHER	25	
55	50A-0810	BOLT	4	
56	14A-08	LOCKWASHER	4	
57	50A-1008	BOLT	2	
58	14A-10	LOCKWASHER	2	
59	115B-1208	CONNECTOR	1	
60		PUMP	REF.	Sect 4 Pg 3



HYDRAULIC CIRCUIT & TANK INSTALLATION - ALL WHEEL DRIVE

DECEMBER 1991

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ISSUE No. 7
Nº D'ÉMISSION
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CHAMPION ROAD MACHINERY

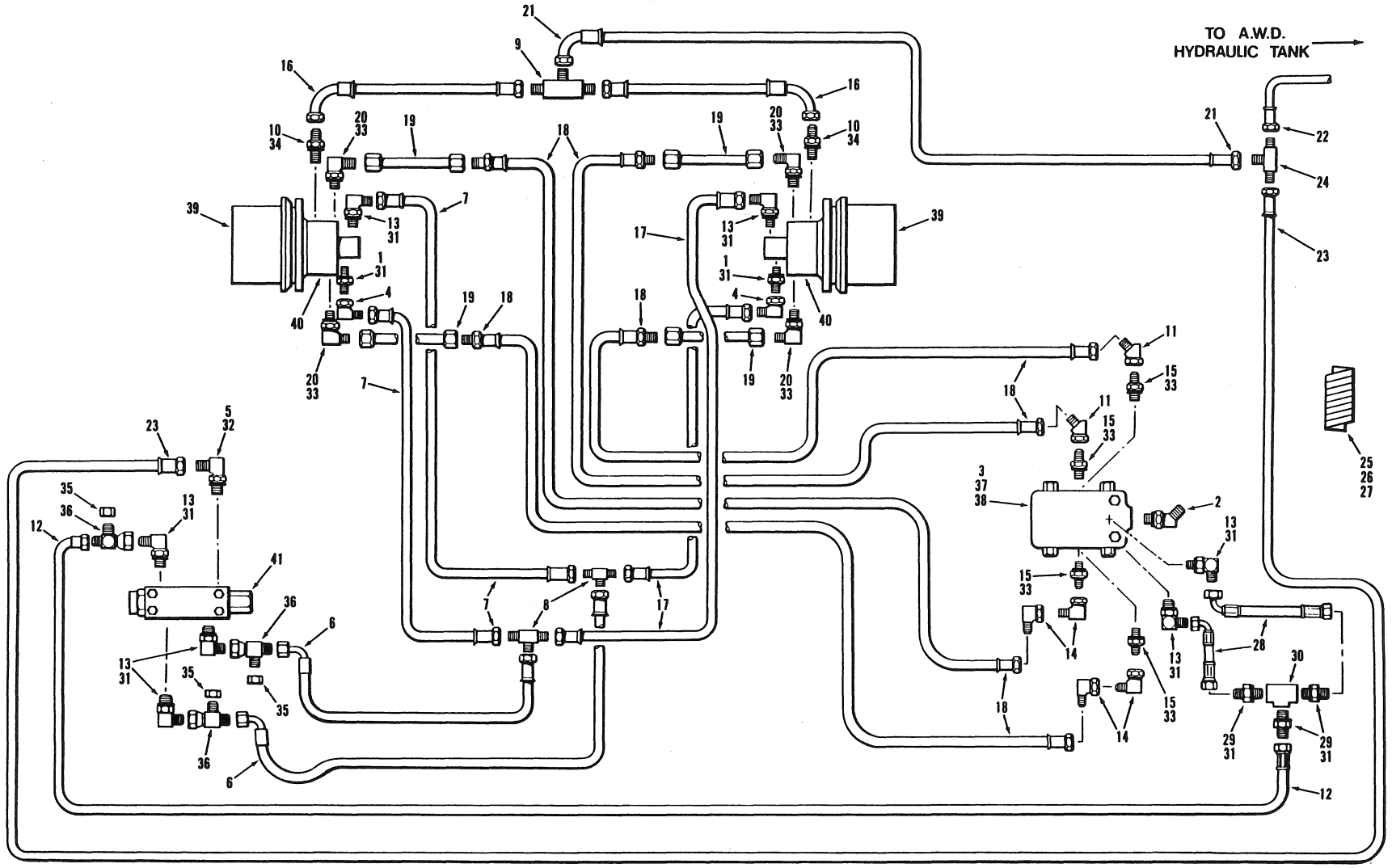
EFFECTIVE SERIAL NUMBER(S) 21796 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

SECTION / SECCION 4 | PAGE / PAGINA 34 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 7

HYDRAULIC CIRCUIT & TANK INSTALLATION - ALL WHEEL DRIVE

DECEMBER 1991

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	11E-1216	CONNECTOR	2	
2	112B-12	ELBOW	3	
3	4349 x 338	HOSE	1	
4	111B-0404	CONNECTOR	1	
5	42218 x 338	HOSE	1	
6	111B-1216	CONNECTOR	1	
7	112A-16	CONNECTOR	1	
8	14384 x 96	HOSE	1	
9	110G-1616	CONNECTOR	1	
10	44897	CONNECTOR	1	
11	14377 x 95	HOSE	2	
12	112A-12	CONNECTOR	2	
13	110G-1212	CONNECTOR	2	
14	115N-12	CROSS	1	
15	115B-1206	CONNECTOR	1	
16	115V-1212	TEE	1	
17	115B-1208	CONNECTOR	1	
18	110R-0808	CONNECTOR	1	
19	9313 x 240	HOSE	1	
20	28485 x 338	HOSE	1	
21	112C-12	TEE	1	
22	112D-12	TEE	1	
23	111R-2016	REDUCER	1	
24	111E-1010	CONNECTOR	1	
25	112B-10	ELBOW	1	SUCKER FAN
			2	BLOWER FAN
26	53041 x 38	HOSE	1	SUCKER FAN
			2	BLOWER FAN
27	*111B-1012	CONNECTOR	1	
28	41951	FILTER - INCLUDES ITEM 29	1	
29	44419	FILTER ELEMENT	1	
30	*62112	CONNECTOR	1	
31	115D-02	PLUG	2	
32	110AH-1012	CONNECTOR	1	
33	110G-1008	CONNECTOR	2	BLOWER FAN
			3	SUCKER FAN
34	53042 x 20	HOSE	1	
35	59087	CHECK VALVE	1	
36	53042 x 30	HOSE	1	SUCKER FAN
37	112C-10	TEE	2	
38	*56620	TUBE	1	
39	53042 x 42	HOSE	1	
40	*111P-1008	CONNECTOR	1	
41	*65358	OIL COOLER	1	
42	50A-0608ZI	BOLT	6	
43	14A-06ZI	LOCKWASHER	6	
44	14C-06ZI	FLATWASHER	6	
45	112A-10	CONNECTOR	1	BLOWER FAN
46	*65684	TEE	1	
47	*110AJ-1008	CONNECTOR	1	
48	*110AD-1008	TEE	1	
49	*53041 x 90	HOSE	1	
50	*57710	OIL COOLER	1	
51	*50A-0508ZI	BOLT	2	
52	*14A-05ZI	LOCKWASHER	2	
53	*14C-05ZI	FLATWASHER	2	
		HYDRAULIC OIL TANK INSTALLATION		
54	3614	MAGNETIC PLUG	1	
55	30517	SUCTION STRAINER ASSEMBLY	1	
56	30518	GASKET	1	
57	37055	MOUNTING PLATE - L.H.	1	REPAIR PART
58	37056	MOUNTING PLATE - R.H.	1	REPAIR PART
59	50A-0810	BOLT	4	
60	14A-08	LOCKWASHER	4	
61	*56709	HYDRAULIC OIL TANK	1	
62	30509	GASKET	1	
63	30519	COVER PLATE	1	
64	50A-0606	BOLT	21	
65	14A-06	LOCKWASHER	21	
66	30504	FILTER & BREATHER CAP ASSEMBLY	1	
67	30508	MOUNTING PAD	2	
68	50A-1008	BOLT	2	
69	14A-10	LOCKWASHER	2	
70	37554	FLUID LEVEL GAUGE	1	
71		PUMP	REF.	Sect. 4 Pg. 3



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

HYDRAULIC CIRCUIT - FORWARD SECTION - ALL WHEEL DRIVE

NOVEMBER 1985

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

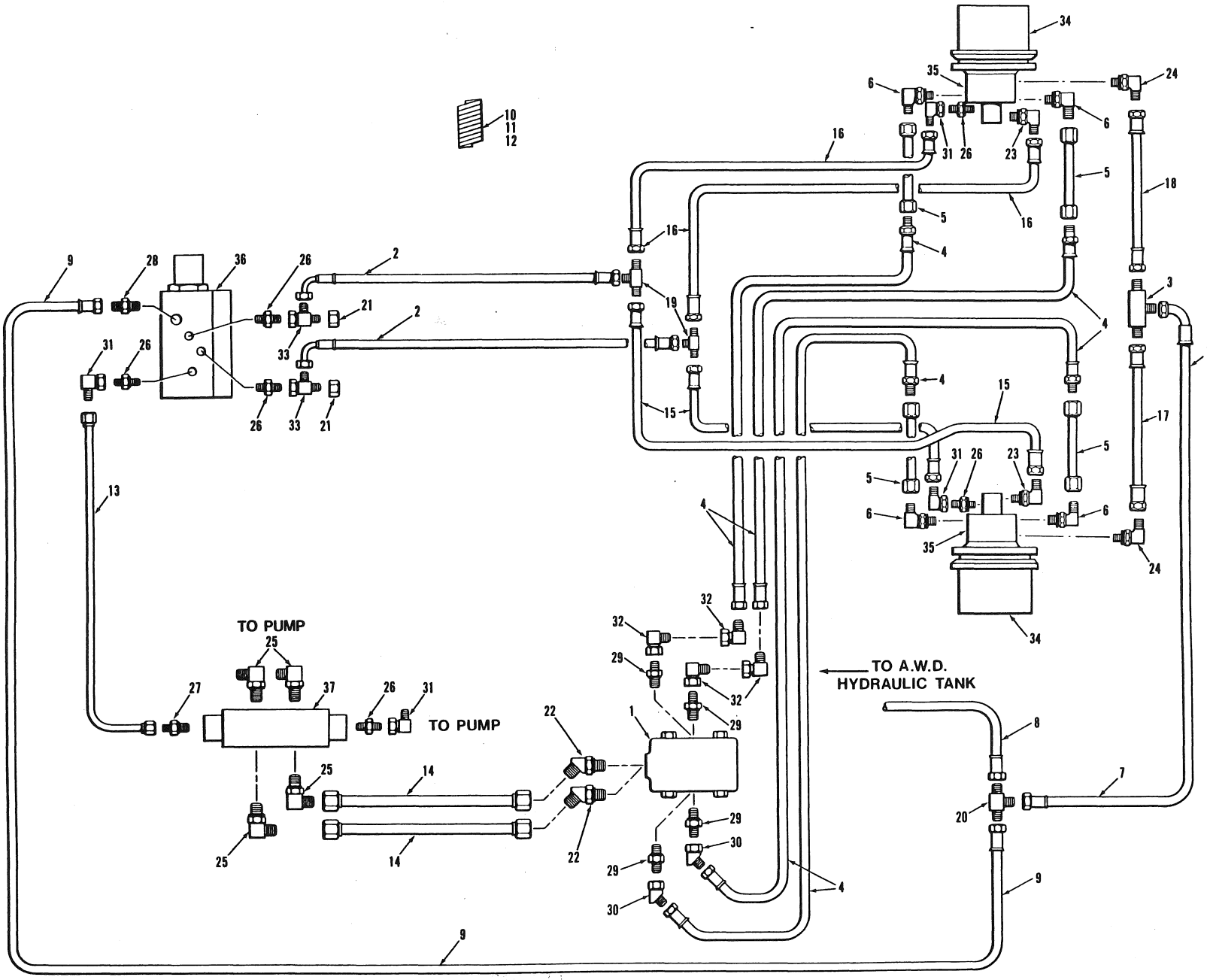
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FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

HYDRAULIC CIRCUIT - FORWARD SECTION - ALL WHEEL DRIVE

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	30655	CONNECTOR	2	
2	30663	CONNECTOR	REF.	SECTION 4 PAGE 33/34
3	30671	EQUATRACK VALVE	1	
4	30693	CONNECTOR	2	
5	30695	CONNECTOR	1	
6	30698	HOSE	2	
7	30699	HOSE	2	
8	30700	TEE	2	
9	30701	TEE	1	
10	30703	CONNECTOR	2	
11	30704	CONNECTOR	2	
12	30705	HOSE	1	
13	30708	CONNECTOR	7	
14	30709	CONNECTOR	4	
15	30710	CONNECTOR	4	
16	30711	HOSE	2	
17	30712	HOSE	2	
18	30714	HOSE	4	
19	30715	TUBE	4	
20	30716	CONNECTOR	4	
21	30717	HOSE	1	
22	30739	HOSE	1	
23	30740	HOSE	1	
24	30741	TEE	1	
25	30925*	HOSE WRAPPING - 3/4"	1	
26	30926*	HOSE WRAPPING - 1/2"	1	
27	30927*	HOSE WRAPPING - 1"	1	
28	30948	HOSE	2	
29	30949	CONNECTOR	3	
30	30950	TEE	1	
31	43463*	O RING	12	
32	43464*	O RING	1	
33	43465*	O RING	8	
34	43467*	O RING	2	
35	110E-04	CAP	3	
36	112C-04	TEE	3	
37	50A-0512	BOLT	2	
38	36H-05	LOCKNUT	2	
39		PLANETARY REDUCTION UNIT - ALL WHEEL DRIVE	REF.	SECTION 1 PAGE 5/6
40		WHEEL MOTOR ASSEMBLY - ALL WHEEL DRIVE	REF.	SECTION 1 PAGE 7/8
41		MOTOR CONTROL VALVE - ALL WHEEL DRIVE	REF.	SECTION 4 PAGE 27/28

EFFECTIVE SERIAL NUMBER(S) 16860 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
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HYDRAULIC CIRCUIT - FORWARD SECTION - ALL WHEEL DRIVE

NOVEMBER 1987

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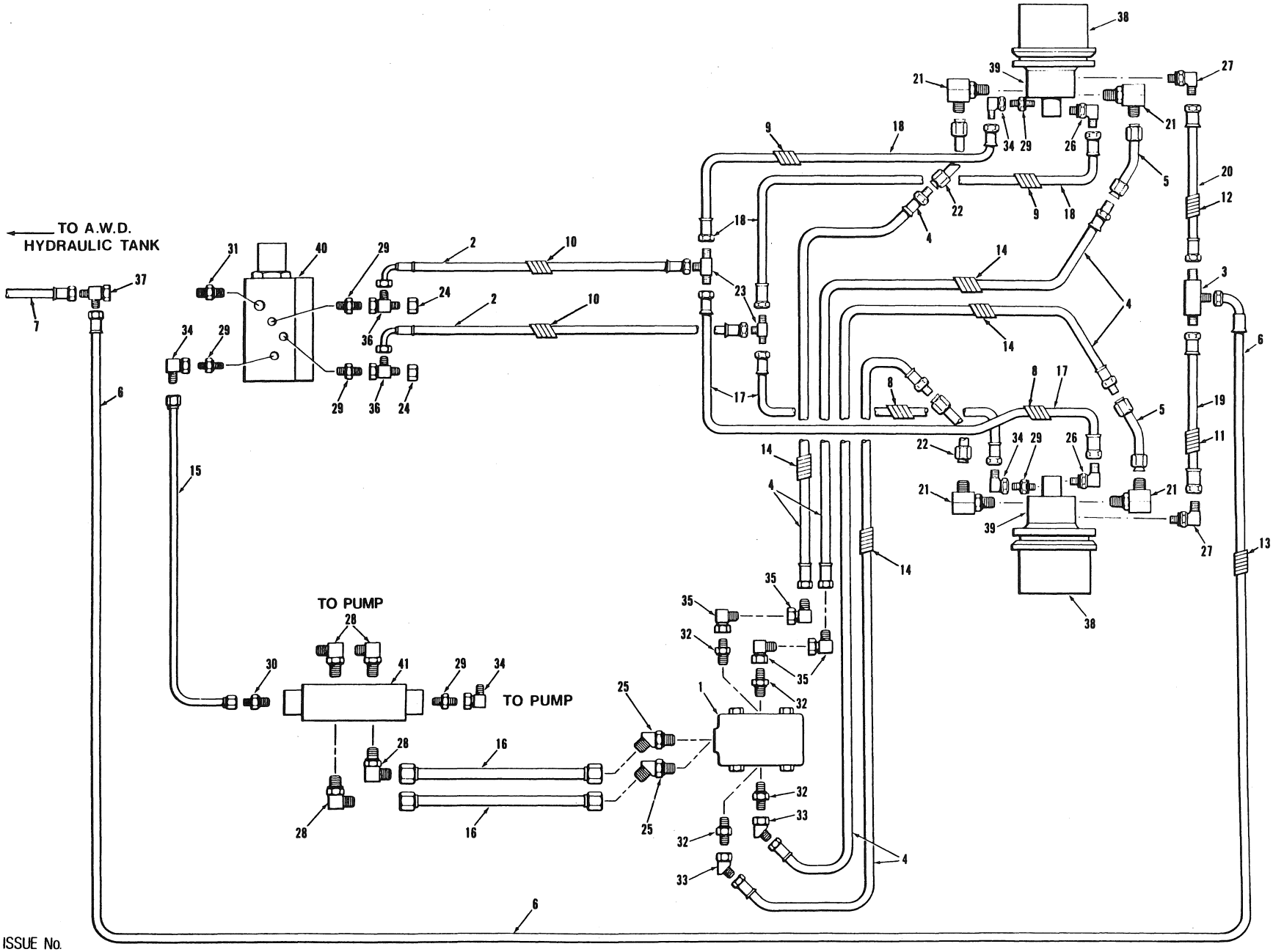
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SECTION / SECCION 4 | PAGE / PAGINA 36 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 2 REVISION A

HYDRAULIC CIRCUIT - FORWARD SECTION - ALL WHEEL DRIVE

NOVEMBER 1987

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	30671	EQUATRACK	1	
2	30698	HOSE	2	
3	30701	TEE	1	
4	30714	HOSE	4	
5	30715	TUBE	4	
6	30716	CONNECTOR	4	
7	30717	HOSE	1	
8	30739	HOSE	1	
9	*14382 X 12	HOSE	1	
10	30925 X 30	HOSE WRAPPING - 3/4"	1	
11	30926 X 45	HOSE WRAPPING - 1/2"	2	
12	30927 X 100	HOSE WRAPPING - 1"	1	
13	42190	TUBE	1	
14	42191	TUBE	2	
15	42193	HOSE	2	
16	42194	HOSE	2	
17	42195	HOSE	1	
18	42196	HOSE	1	
19	110AA-04	TEE	2	
20	110AA-08	TEE	1	
21	110E-04	CAP	2	
22	111A-1212	CONNECTOR	2	
23	111B-0404	CONNECTOR	2	
24	111B-0606	CONNECTOR	2	
25	111B-1212	CONNECTOR	4	
26	111E-0404	CONNECTOR	6	
27	*111E-0402	CONNECTOR	1	
28	111E-0808	CONNECTOR	1	
29	111E-0812	CONNECTOR	4	
30	112A-08	ELBOW	2	
31	112B-04	ELBOW	4	
32	112B-08	ELBOW	4	
33	112C-04	TEE	2	
34		PLANETARY REDUCTION UNIT - ALL WHEEL DRIVE	REF.	SECTION 1 PAGE 6
35		WHEEL MOTOR ASSEMBLY - ALL WHEEL DRIVE	REF.	SECTION 1 PAGE 8
36		MOTOR CONTROL VALVE - ALL WHEEL DRIVE	REF.	SECTION 4 PAGE 28
37		SOLENOID VALVE - ALL WHEEL DRIVE	REF.	SECTION 4 PAGE 28



ISSUE No.
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HYDRAULIC CIRCUIT - FORWARD SECTION - ALL WHEEL DRIVE

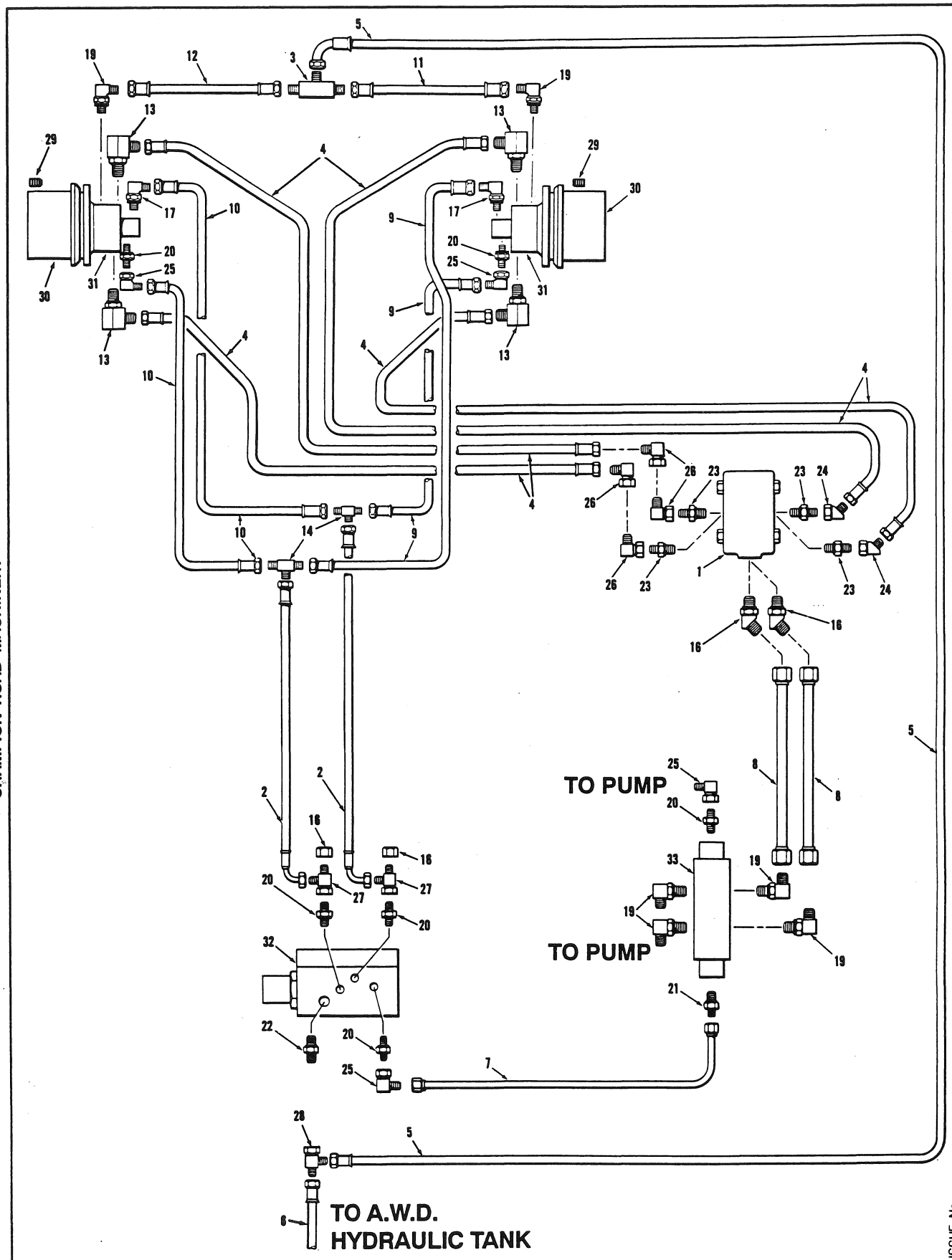
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HYDRAULIC CIRCUIT - FORWARD SECTION - ALL WHEEL DRIVE

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	30671	EQUATRACK	1	
2	30698	HOSE	2	
3	30701	TEE	1	
4	30714	HOSE	4	
5	30715	TUBE	2	
6	30717	HOSE	1	
7	30739	HOSE	1	
8	*30925 X 39	HOSE WRAPPING - .38"	2	
9	*30925 X 63	HOSE WRAPPING - .38	2	
10	*30925 X 65	HOSE WRAPPING - .38"	2	
11	*30926 X 26	HOSE WRAPPING - .25"	1	
12	*30926 X 52	HOSE WRAPPING - .25	1	
13	*30927 X 48	HOSE WRAPPING - .50"	1	
14	*30927 X 88	HOSE WRAPPING - .50"	4	
15	42190	TUBE	1	
16	42191	TUBE	2	
17	42193	HOSE	2	
18	42194	HOSE	2	
19	42195	HOSE	1	
20	42196	HOSE	1	
21	*49291	CONNECTOR	4	
22	*49311	TUBE	2	
23	110AA-04	TEE	2	
24	110E-04	CAP	2	
25	111A-1212	CONNECTOR	2	
26	111B-0404	CONNECTOR	2	
27	111B-0606	CONNECTOR	2	
28	111B-1212	CONNECTOR	4	
29	111E-0404	CONNECTOR	6	
30	111E-0402	CONNECTOR	1	
31	111E-0808	CONNECTOR	1	
32	111E-0812	CONNECTOR	4	
33	112A-08	ELBOW	2	
34	112B-04	ELBOW	4	
35	112B-08	ELBOW	4	
36	112C-04	TEE	2	
37	*112C-08	TEE	1	
38		PLANETARY REDUCTION UNIT - ALL WHEEL DRIVE	REF.	SECTION 1 PAGE 6
39		WHEEL MOTOR ASSEMBLY - ALL WHEEL DRIVE	REF.	SECTION 1 PAGE 8
40		MOTOR CONTROL VALVE - ALL WHEEL DRIVE	REF.	SECTION 4 PAGE 28
41		SOLENOID VALVE - ALL WHEEL DRIVE	REF.	SECTION 4 PAGE 28



CHAMPION ROAD MACHINERY

HYDRAULIC CIRCUIT - FORWARD SECTION - ALL WHEEL DRIVE

FEBRUARY 1992

4 REVISION A

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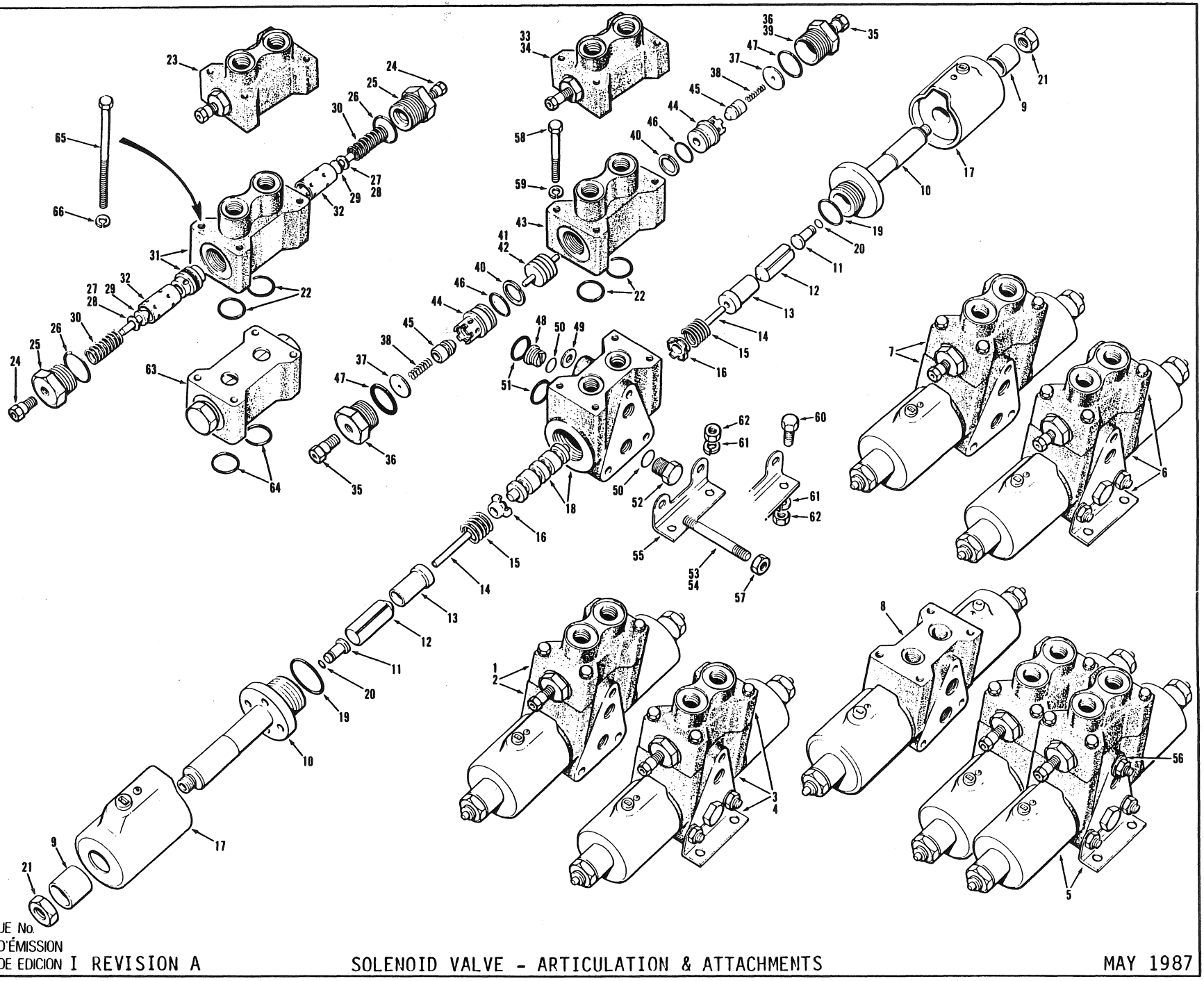
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20893 & UP

HYDRAULIC CIRCUIT - FORWARD SECTION - ALL WHEEL DRIVE

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	30671	EQUATRACK	1	
2	59085	HOSE	2	
3	30701	TEE	1	
4	59008	HOSE	4	
5	59086	HOSE	1	
6	9313 x 240	HOSE	1	
7	42190	TUBE	1	
8	42191	TUBE	2	
9	59009	HOSE	2	
10	59010	HOSE	2	
11	59011 x 52	HOSE	1	
12	59011 x 26	HOSE	1	
13	49291	CONNECTOR	4	
14	110AA-04	TEE	2	
15	110E-04	CAP	2	
16	111A-1212	CONNECTOR	2	
17	111B-0404	CONNECTOR	2	
18	111B-0606	CONNECTOR	2	
19	111B-1212	CONNECTOR	4	
20	111E-0404	CONNECTOR	6	
21	111E-0402	CONNECTOR	1	
22	111E-0808	CONNECTOR	1	
23	111E-0812	CONNECTOR	4	
24	112A-08	ELBOW	2	
25	112B-04	ELBOW	4	
26	112B-08	ELBOW	4	
27	112C-04	TEE	2	
28	112C-08	TEE	1	
29	115D-01	PLUG	2	
30		PLANETARY REDUCTION UNIT - ALL WHEEL DRIVE	Ref.	Sect 1 Pg 5
31		WHEEL MOTOR ASSEMBLY - ALL WHEEL DRIVE	Ref.	Sect 1 Pg 7
32		MOTOR CONTROL VALVE - ALL WHEEL DRIVE	Ref.	Sect 4 Pg 27
33		SOLENOID VALVE - ALL WHEEL DRIVE	Ref.	Sect 4 Pg 27



ISSUE No.
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SOLENOID VALVE - ARTICULATION & ATTACHMENTS

MAY 1987

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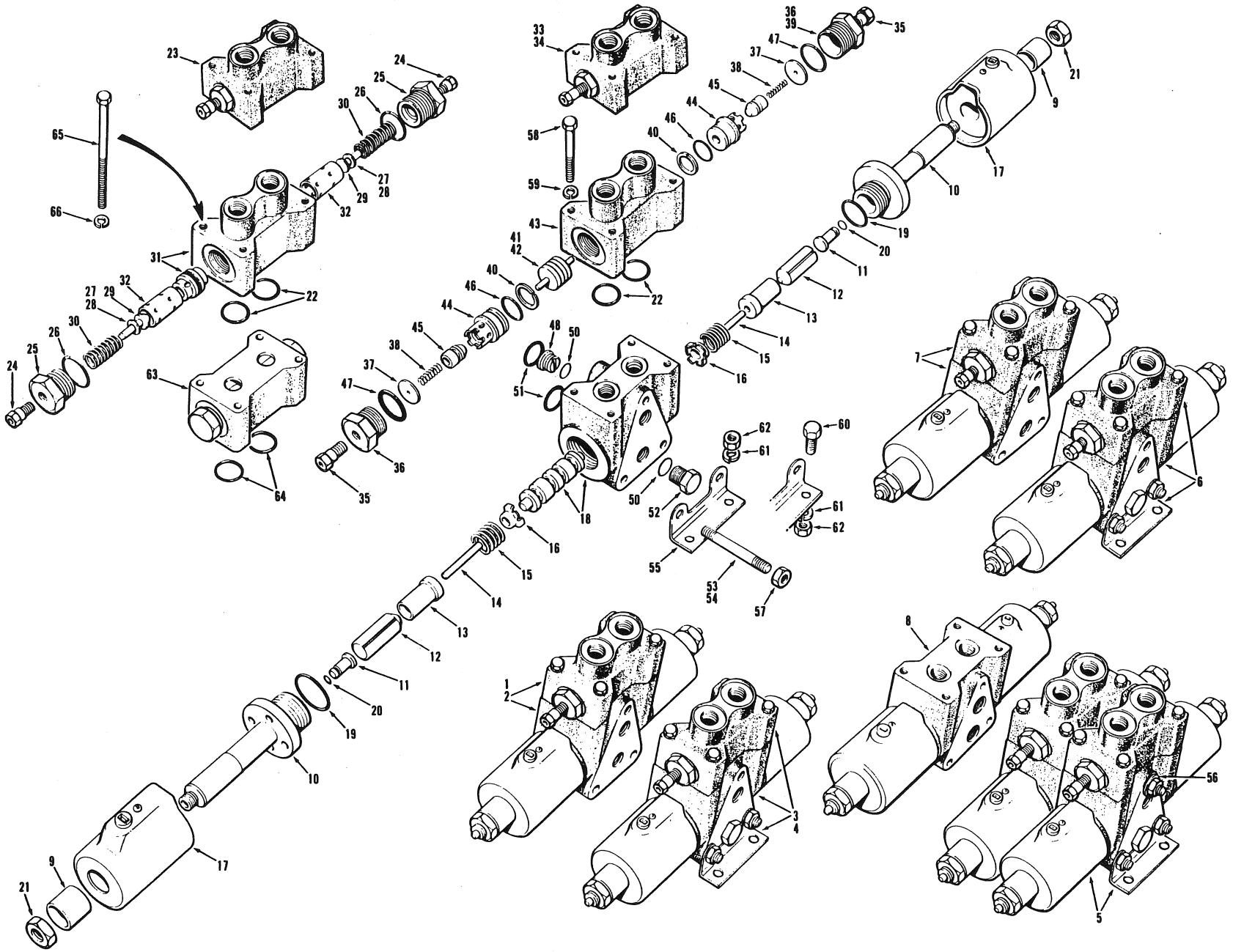
SECTION / SECCION 4 | PAGE / PAGINA 38 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 1 REVISION A

SOLENOID VALVE - ARTICULATION & ATTACHMENTS

MAY 1987

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	32616	SOLENOID VALVE ASSY. - C/W LOCK & THERMAL RELIEF - CONSISTS OF ITEMS 8 & 33	A.R.	ARTIC'N 710A
2	32617	SOLENOID VALVE ASSY. - C/W LOCK & THERMAL RELIEF - CONCISTS OF ITEMS 8 & 34	A.R.	ATTACHMENTS
3	32618	SINGLE BANK SOLENOID VALVE ASSY. - C/W LOCK, THERMAL RELIEF & BANKING KIT - CONSISTS OF ITEM 1 & 18850 BANKING KIT	A.R.	ARTIC'N 710A
4	32619	SINGLE BANK SOLENOID VALVE ASSY. - C/W LOCK, THERMAL RELIEF & BANKING KIT - CONSISTS OF ITEM 2 & 18850 BANKING KIT	A.R.	ATTACHMENTS
5	32620	DOUBLE BANK SOLENOID VALVE ASSY. - C/W LOCK, THERMAL RELIEF & BANKING KIT - CONSISTS OF 2 OF ITEM 2 & 1 OF 17839 BANKING KIT	A.R.	ATTACHMENTS
6	*44274	SINGLE BANK SOLENOID VALVE ASSY. - C/W CROSS OVER, THERMAL RELIEF, BANKING KIT & 44273 LOCKVALVE KIT - CONSISTS OF ITEMS 7, 63 & 18850 BANKING KIT	A.R.	ARTIC'N 720A THRU 780A
7	36308	SOLENOID VALVE ASSY. - C/W CROSS OVER & THERMAL RELIEF - CONSISTS OF ITEMS 8 & 23	A.R.	ARTIC'N 720A THRU 780A
8	17838	SOLENOID VALVE ASSY. - ITEMS 9 TO 21	1	
9	18834	SLEEVE	2	
10	18835	TUBE ASSY.	2	
11	18836	STANDARD FLUSH BUTTON	2	
12	18837	PLUNGER	2	
13	18838	PLUG	2	
14	18839	PIN	2	
15	18840	SPRING	2	
16	18841	SPRING RETAINER	2	
17	18844	SOLENOID COIL	2	
18		SPOOL & BODY - MATCHED SET } NOT AVAILABLE SEPARATELY	1	
19		O RING } NOT AVAILABLE SEPARATELY	2	
20	12A-008	O RING	2	
21	31D-10	NUT	2	
22	12A-118	O RING	2	
23	35099	CROSSOVER RELIEF VALVE - ITEMS 24 TO 32	1	
24	24915	THERMAL RELIEF	2	
25	36301	PLUG	2	
26	36302	O RING	2	
27	36303	SHIM	A.R.	
28	36304	SHIM	A.R.	
	18845	O RING SEAL KIT - USE WITH ITEM 8		

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
29	36305	POPPET	2	
30	36306	SPRING	2	
31	36307	BODY - SUB ASSY. - INCLUDES BODY, O RING, SEAT & 2 BACK-UP RINGS	1	
32	36309	STOP	2	
33	32661	LOCK VALVE & THERMAL RELIEF ASSY. - (THERMAL RELIEF BOTH ENDS) - INCLUDES ITEMS 35 TO 38, 40, 41 & 43 TO 47	1	ARTIC'N 710A
34	32662	LOCK VALVE & THERMAL RELIEF ASSY. - (THERMAL RELIEF ONE END ONLY) - INCLUDES ITEMS 35 TO 40 & 42 TO 47	1	ATTACHMENTS
35	24915	THERMAL RELIEF	1or2	
36	24916	PLUG - DRILLED	1or2	
37	24918	WASHER	2	
38	24919	SPRING	2	
39	24921	PLUG	1	ATTACHMENTS
40	24924	BACK-UP RING	2	
41	32614	SHUTTLE SPOOL	1	ARTIC'N
42	32615	SHUTTLE SPOOL	1	ATTACHMENTS
43		BODY } NOT AVAILABLE SEPARATELY	1	
44		CAGE } NOT AVAILABLE SEPARATELY	2	
45		CHECK } NOT AVAILABLE SEPARATELY	2	
46	12A-016	O RING	2	
47	12A-216	O RING	2	
		BANKING KITS		
	17839	DOUBLE BANKING KIT - INCLUDES 48 TO 53 & 55 TO 57	A.R.	
	18850	SINGLE BANKING KIT - INCLUDES ITEMS 50, 52, 54, 55 & 57	A.R.	
48	17841	SERIES PLUG	1	
49	18843	SHIM - MYLAR	3	
50	12A-114	O RING	2or3	
51	12A-118	O RING	2	
52	111H-08	PLUG	2	
53		TIE ROD	3	DOUBLE
54		TIE ROD	2	SINGLE
55		FOOT	2	
56	14C-05	FLATWASHER	2	
57	30A-05	NUT	4or6	
58	50A-0518	BOLT	4	
59	14A-05	LOCKWASHER	4	
60	50A-0610	BOLT	4	
61	14A-06	LOCKWASHER	4	
62	30A-06	NUT	4	
	*44273	LOCKVALVE KIT - C/W ITEMS 63, 64, 65 & 66	A.R.	
63		LOCKVALVE - NOT SOLD SEPARATELY	1	
64	12A-118	O RING	4	
65	*50A-0530	BOLT	4	
66	14A-05	LOCKWASHER	4	



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SOLENOID VALVE - ARTICULATION & ATTACHMENTS

JANUARY 1990

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NUMERO(S) DE SÉRIE EFFECTIF(S) 20005, 20104, 20106, 20120
NUMERO(S) DE SERIE EFECTIVO(S) & UP

700 SERIES
SERIE 700

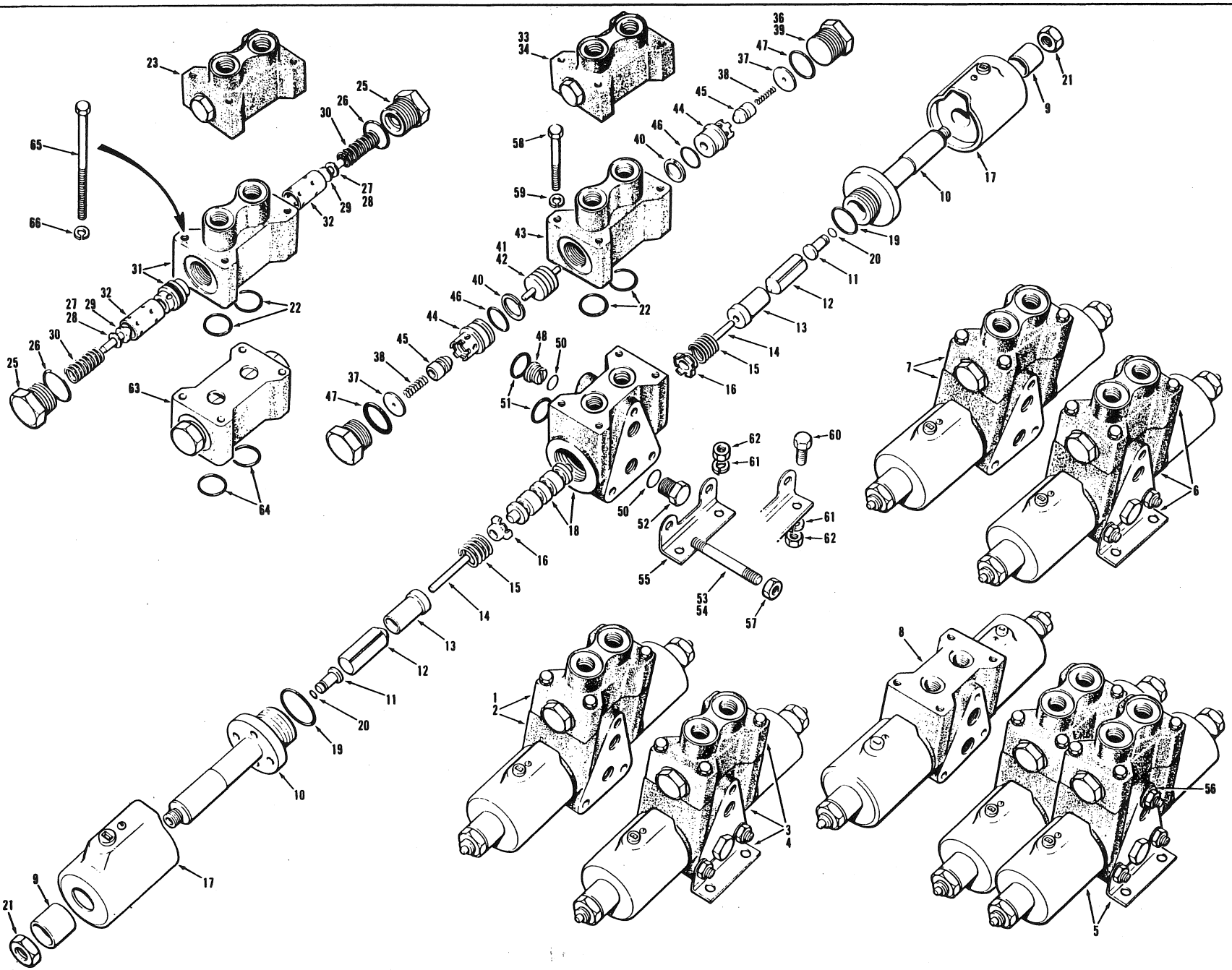
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SECCION 4 PAGINA 37

SECTION / SECCION 4 | PAGE / PAGINA 38 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 2 REVISION A

SOLENOID VALVE - ARTICULATION & ATTACHMENTS

JANUARY 1990

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	*56230	SOLENOID VALVE ASSEMBLY - C/W LOCK & THERMAL RELIEF - CONSISTS OF ITEMS 8 & 33	A.R.	710A
2	53560	SOLENOID VALVE ASSEMBLY - C/W LOCK & THERMAL RELIEF - CONSISTS OF ITEMS 8 & 34	A.R.	Attachments
3	53541	SINGLE BANK SOLENOID VALVE ASSEMBLY - C/W LOCK, THERMAL RELIEF & BANKING KIT - CONSISTS OF ITEM 1 & 54244 BANKING KIT	A.R.	710A
4	*53913	SINGLE BANK SOLENOID VALVE ASSEMBLY - C/W LOCK THERMAL RELIEF & BANKING KIT - CONSISTS OF ITEM 2 & 54244 BANKING KIT	A.R.	Attachments
5	*53914	DOUBLE BANK SOLENOID VALVE ASSEMBLY - C/W LOCK, THERMAL RELIEF & BANKING KIT - CONISISTS OF ITEMS 2 & 1 OF 54243 BANKING KIT	A.R.	Attachments
6	53540	SINGLE BANK SOLENOID VALVE ASSEMBLY - C/W CROSS OVER, THERMAL RELIEF, BANKING KIT & 44273 LOCK VALVE KIT - CONSISTS OF ITEMS 7, 63 & 18850 BANKING KIT	A.R.	720A thru 780A
7	*56231	SOLENOID VALVE ASSEMBLY - C/W CROSS OVER & THERMAL RELIEF - CONSISTS OF ITEMS 8 & 23	A.R.	720A thru 780A
8	*56166	SOLENOID VALVE ASSEMBLY - ITEMS 9 TO 21	1	
9	18834	SLEEVE	2	
10	18835	TUBE ASSEMBLY	2	
11	18836	STANDARD FLUSH BUTTON	2	
12	18837	PLUNGER	2	
13	18838	PLUG	2	
14	18839	PIN	2	
15	18840	SPRING	2	
16	18841	SPRING RETAINER	2	
17	18844	SOLENOID COIL	1	
18		SPOOL & BODY - MATCHED SET	1	
19	12A-124	O-RING	2	
20	12A-008	O-RING	2	
21	31D-10	NUT	2	
22	12A-118	O RING	2	
23	35099	CROSSOVER RELIEF VALVE - ITEMS 24 TO 32	1	
24	24915	THERMAL RELIEF	2	
25	36301	PLUG	2	
26	36302	O RING	2	
27	36303	SHIM	A.R.	
28	36304	SHIM	A.R.	
	18845	O RING SEAL KIT - USE WITH ITEM 8		
29	36305	POPPET	2	
30	36306	SPRING	2	
31	36307	BODY - SUB ASSEMBLY - INCLUDES BODY, O RING, SEAT & 2 BACK-UP RINGS	1	
32	36309	STOP	2	
33	32661	LOCK VALVE & THERMAL RELIEF ASSEMBLY (THERMAL RELIEF BOTH ENDS) - INCLUDES ITEMS 35 TO 38, 40, 41 & 43 TO 47	1	710A
34		LOCK VALVE & THERMAL RELIEF ASSEMBLY (THERMAL RELIEF ONE END ONLY) - INCLUDES ITEMS 35 TO 40 & 42 TO 47	1	Attachments
35	34915	THERMAL RELIEF	1 or 2	
36	24916	PLUG - DRILLED	1 or 2	
37	24918	WASHER	2	
38	24919	SPRING	2	
39	24921	PLUG	1	Attachments
40	24924	BACK-UP RING	2	
41	32614	SHUTTLE SPOOL	1	Artic'n
42	32615	SHUTTLE SPOOL	1	Attachments
43		BODY - NOT AVAILABLE SEPARATELY	1	
44	48861	CAGE	2	
45	48862	CHECK	2	
46	12A-016	O RING	2	
47	12A-216	O RING	2	
		BANKING KITS		
	*54243	DOUBLE BANKING KIT - INCLUDES 48 TO 53 & 55 TO 57	A.R.	
	*54244	SINGLE BANKING KIT - INCLUDES ITEMS 50, 52, 54, 55 & 57	A.R.	
48	*56229	SERIES PLUG	1	
50	*12A-116	O RING	2 or 3	
51	*12A-121	O RING	2	
52	111H-10	PLUG	2	
53		TIE ROD	3	DOUBLE
54		TIE ROD	2	SINGLE
55		FOOT	2	
56	14C-05	FLATWASHER	2	
57	30A-05	NUT	4 or 6	
58	50A-0518	BOLT	4	
59	14A-05	LOCKWASHER	4	
60	50A-0610	BOLT	4	
61	14A-06	LOCKWASHER	4	
62	30A-06	NUT	4	
	44273	LOCKVALVE KIT - C/W ITEMS 63, 64, 65 & 66	A.R.	
63		LOCKVALVE- NOT SOLD SEPARATELY	1	
64	12A-118	O RING	4	
65	50A-0530	BOLT	4	
66	14A-05	LOCKWASHER	4	



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SERIE 700

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Nº DE EDICION 3

SOLENOID VALVE - ARTICULATION & ATTACHMENTS - 12 VOLT

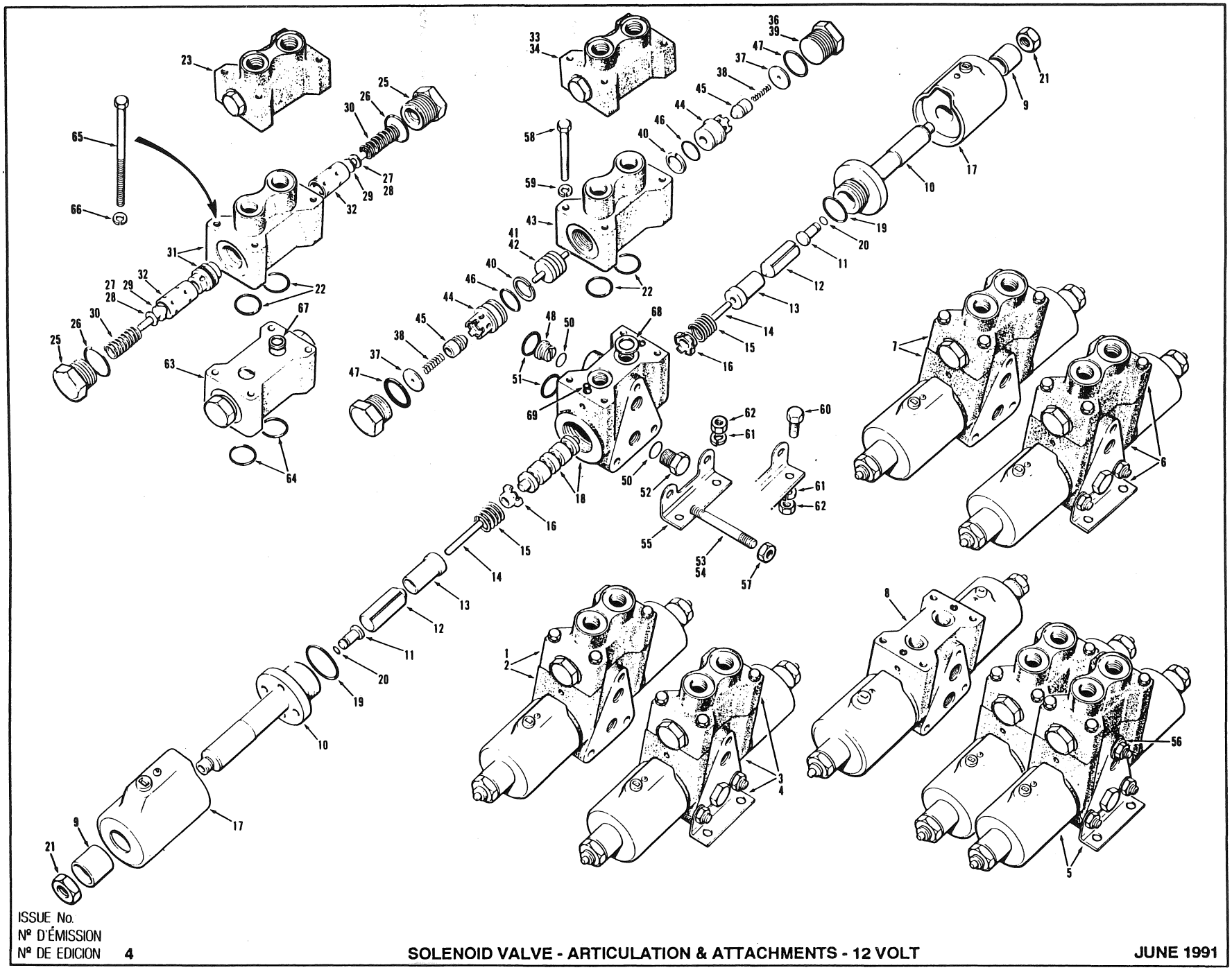
JUNE 1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

SOLENOID VALVE - ARTICULATION & ATTACHMENTS - 12 VOLT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	*58121	**SOLENOID VALVE ASSEMBLY** - C/W LOCK & THERMAL RELIEF - CONSISTS OF ITEMS 8 & 33	1	710A
2	*55032	**SOLENOID VALVE ASSEMBLY** - C/W LOCK & THERMAL RELIEF - CONSISTS OF ITEMS 8 & 34	1	Attachments
3	*55030	**SINGLE BANK SOLENOID VALVE ASSEMBLY** - C/W LOCK, THERMAL RELIEF & BANK KIT - CONSISTS OF ITEM 1 & 54244 SINGLE BANK KIT	1	710A
4	*55033	**SINGLE BANK SOLENOID VALVE ASSEMBLY** - C/W LOCK THERMAL RELIEF & BANK KIT - CONSISTS OF ITEM 2 & 54244 SINGLE BANK KIT	1	Attachments
5	*55034	**DOUBLE BANK SOLENOID VALVE ASSEMBLY** - C/W LOCK, THERMAL RELIEF & BANK KIT - CONISISTS OF ITEMS 2 & 1 OF 54243 DOUBLE BANK KIT	1	Attachments
6	*55031	**SINGLE BANK SOLENOID VALVE ASSEMBLY** - C/W CROSS OVER, THERMAL RELIEF, BANK KIT & 56169 LOCK VALVE KIT - CONSISTS OF ITEMS 7, 63 & 54244 SINGLE BANK KIT	1.	720A thru 780A
7	*58122	**SOLENOID VALVE ASSEMBLY** - C/W CROSS OVER & THERMAL RELIEF - CONSISTS OF ITEMS 8 & 23	1	720A thru 780A
8	*56167	**SOLENOID VALVE ASSEMBLY** - ITEMS 9 to 21	1	
	18845	**O RING SEAL KIT FOR 56167** - VALVE ASSEMBLY		
9	18834	SLEEVE	2	
10	18835	TUBE ASSEMBLY	2	
11	18836	STANDARD FLUSH BUTTON	2	
12	18837	PLUNGER	2	
13	18838	PLUG	2	
14	18839	PIN	2	
15	18840	SPRING	2	
16	18841	SPRING RETAINER	2	
17	18844	SOLENOID COIL - 12 VOLT	1	
18		SPOOL & BODY - MATCHED SET - NOT AVAILABLE SEPARATELY	1	
19	12A-124	O RING	2	
20	12A-008	O RING	2	
21	31D-10	NUT	2	
22	12A-118	O RING	2	
23	*56170	CROSSOVER RELIEF VALVE -INCLUDES ITEMS 25 to 32	1	
25		PLUG	2	
26	*116A-10	O RING	2	
27	36303	SHIM	2	
28	36304	SHIM	2	
29	36305	POPPET	2	
30	36306	SPRING	2	
31	*58123	BODY - SUB ASSEMBLY - INCLUDES BODY, O RING, SEAT & 2 BACK-UP RINGS	1	
32	36309	STOP	2	
33	*56168	**LOCK VALVE & INTERNAL THERMAL RELIEF ASSEMBLY** - INCLUDES ITEMS 36 to 38, 40, 41 & 43 to 47	1	710A
34	*56171	**LOCK VALVE & INTERNAL THERMAL RELIEF ASSEMBLY** - INCLUDES ITEMS 36 to 40 & 42 to 47	1	Attachments
36		PLUG	1 or 2	
37	24918	WASHER	2	
38	24919	SPRING	2	
39		PLUG	1	Attachments
40	24924	BACK-UP RING	2	
41	32614	SHUTTLE SPOOL - SMALL	1	Articulation
42	32615	SHUTTLE SPOOL - LARGE	1	Attachments
43		BODY - NOT AVAILABLE SEPARATELY.	1	
44	48861	CAGE	2	
45	48862	CHECK	2	
46	12A-016	O RING	2	
47	*116A-10	O RING	2	
		BANKING KITS		
	54244	**SINGLE BANK KIT** - INCLUDES ITEMS 50, 52, 54, 55 to 57	1	
	54243	**DOUBLE BANK KIT** - INCLUDES ITEMS 48 to 53 & 55 to 57 USED WHEN CONNECTING TWO VALVES IN SERIES	1	
48	56229	SERIES PLUG	1	
50	12A-116	O RING	2 or 3	
51	12A-121	O RING	2	
52	111H-10	PLUG	2	
53		TIE ROD	3	Double Bank
54		TIE ROD	2	Single Bank
55		FOOT	2	
56	14C-05	FLATWASHER	2	
57	30A-05	NUT	4 or 6	
58	50A-0518	BOLT	4	
59	14A-05	LOCKWASHER	4	
60	50A-0610	BOLT	4	
61	14A-06	LOCKWASHER	4	
62	30A-06	NUT	4	
	*56169	**LOCK VALVE KIT** - C/W ITEMS 63, 64, 65 & 66	1	
63		LOCK VALVE - NOT SOLD SEPARATELY	1	
64	12A-118	O RING	4	
65	50A-0530	BOLT	4	
66	14A-05	LOCKWASHER	4	



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SOLENOID VALVE - ARTICULATION & ATTACHMENTS - 12 VOLT

JUNE 1991

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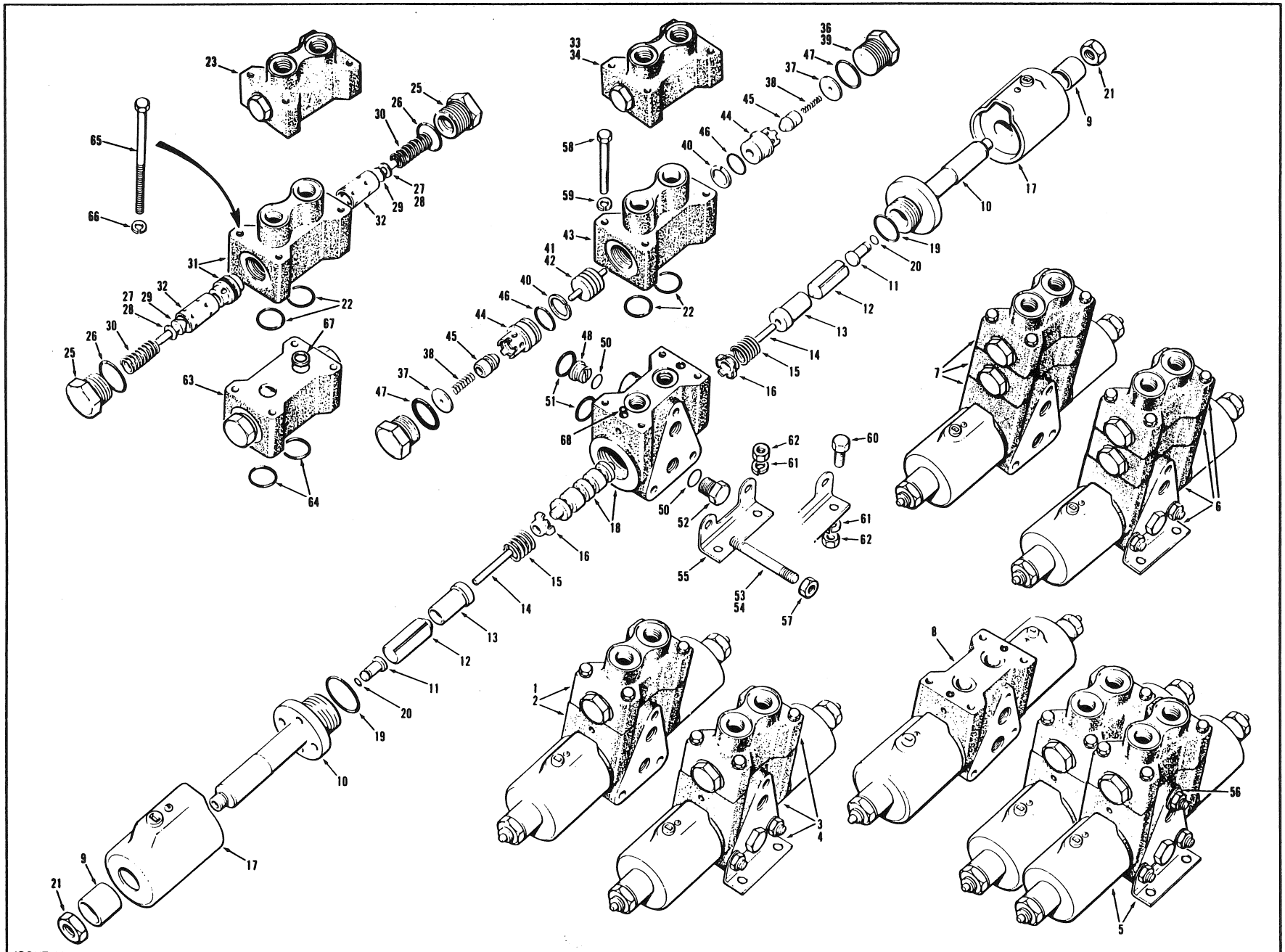
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SECTION / SECCION 4 | PAGE / PAGINA 38 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 4

SOLENOID VALVE - ARTICULATION & ATTACHMENTS - 12 VOLT

JUNE 1991

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	*63000	**SOLENOID VALVE ASSEMBLY** - C/W LOCK & THERMAL RELIEF - CONSISTS OF ITEMS 8 & 33	1	710A
2	*59931	**SOLENOID VALVE ASSEMBLY** - C/W LOCK & THERMAL RELIEF - CONSISTS OF ITEMS 8 & 34	1	Attachments
3	*59925	**SINGLE BANK SOLENOID VALVE ASSEMBLY** - C/W LOCK, THERMAL RELIEF & BANK KIT - CONSISTS OF ITEM 1 & 54244 SINGLE BANK KIT	1	710A
4	*59927	**SINGLE BANK SOLENOID VALVE ASSEMBLY** - C/W LOCK THERMAL RELIEF & BANK KIT - CONSISTS OF ITEM 2 & 54244 SINGLE BANK KIT	1	Attachments
5	*59928	**DOUBLE BANK SOLENOID VALVE ASSEMBLY** - C/W LOCK, THERMAL RELIEF & BANK KIT - CONISISTS OF ITEMS 2 & 1 OF 54243 DOUBLE BANK KIT	1	Attachments
6	*59926	**SINGLE BANK SOLENOID VALVE ASSEMBLY** - C/W CROSS OVER, THERMAL RELIEF, BANK KIT & 56169 LOCK VALVE KIT - CONSISTS OF ITEMS 7, 63 & 54244 SINGLE BANK KIT	1.	720A thru 780A
7	*63001	**SOLENOID VALVE ASSEMBLY** - C/W CROSS OVER & THERMAL RELIEF - CONSISTS OF ITEMS 8 & 23	1	720A thru 780A
8	*59929	**SOLENOID VALVE ASSEMBLY** - ITEMS 9 to 21	1	
	18845	**O-RING SEAL KIT FOR 59929** - VALVE ASSEMBLY		
9	18834	SLEEVE	2	
10	18835	TUBE ASSEMBLY	2	
11	18836	STANDARD FLUSH BUTTON	2	
12	18837	PLUNGER	2	
13	18838	PLUG	2	
14	18839	PIN	2	
15	18840	SPRING	2	
16	18841	SPRING RETAINER	2	
17	18844	SOLENOID COIL - 12 VOLT	1	
18		SPOOL & BODY - MATCHED SET - NOT AVAILABLE SEPARATELY	1	
19	12A-124	O-RING	2	
20	12A-008	O-RING	2	
21	31D-10	NUT	2	
22	12A-118	O-RING	2	
23	56170	CROSSOVER RELIEF VALVE -INCLUDES ITEMS 25 to 32	1	
25		PLUG	2	
26	116A-10	O-RING	2	
27	36303	SHIM	2	
28	36304	SHIM	2	
29	36305	POPPET	2	
30	36306	SPRING	2	
31	58123	BODY - SUB ASSEMBLY - INCLUDES BODY, O-RING, SEAT & 2 BACK-UP RINGS	1	
32	36309	STOP	2	
33	56168	**LOCK VALVE & INTERNAL THERMAL RELIEF ASSEMBLY** - INCLUDES ITEMS 36 to 38, 40, 41 & 43 to 47	1	710A
34	56171	**LOCK VALVE & INTERNAL THERMAL RELIEF ASSEMBLY** - INCLUDES ITEMS 36 to 40 & 42 to 47	1	Attachments
36		PLUG	1 or 2	
37	24918	WASHER	2	
38	24919	SPRING	2	
39		PLUG	1	Attachments
40	24924	BACK-UP RING	2	
41	32614	SHUTTLE SPOOL - SMALL	1	Articulation
42	32615	SHUTTLE SPOOL - LARGE	1	Attachments
43		BODY - NOT AVAILABLE SEPARATELY	1	
44	48861	CAGE	2	
45	48862	CHECK	2	
46	12A-016	O-RING	2	
47	116A-10	O-RING	2	
		BANKING KITS		
	54244	**SINGLE BANK KIT** - INCLUDES ITEMS 50, 52, 54, 55 to 57	1	
	54243	**DOUBLE BANK KIT** - INCLUDES ITEMS 48 to 53 & 55 to 57 USED WHEN CONNECTING TWO VALVES IN SERIES	1	
48	56229	SERIES PLUG	1	
50	12A-116	O-RING	2 or 3	
51	12A-121	O-RING	2	
52	111H-10	PLUG	2	
53		TIE ROD	3	Double Bank
54		TIE ROD	2	Single Bank
55		FOOT	2	
56	14C-05	FLATWASHER	2	
57	30A-05	NUT	4 or 6	
58	50A-0518	BOLT	4	
59	14A-05	LOCKWASHER	4	
60	50A-0610	BOLT	4	
61	14A-06	LOCKWASHER	4	
62	30A-06	NUT	4	
	59930	**LOCK VALVE KIT** - C/W ITEMS 63, 64, 65 & 66	1	
63		LOCK VALVE - NOT SOLD SEPARATELY	1	
64	12A-118	O-RING	4	
65	50A-0530	BOLT	4	
66	14A-05	LOCKWASHER	4	
67	*59932	SUPPORT RING - .830" O.D.	2	
68	*59933	SUPPORT RING - 1.045" O.D.	2	
69	*12A-007	O-RING	2	



ISSUE No.
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SOLENOID VALVE - ARTICULATION & ATTACHMENTS - 12 VOLT

MAY 1992

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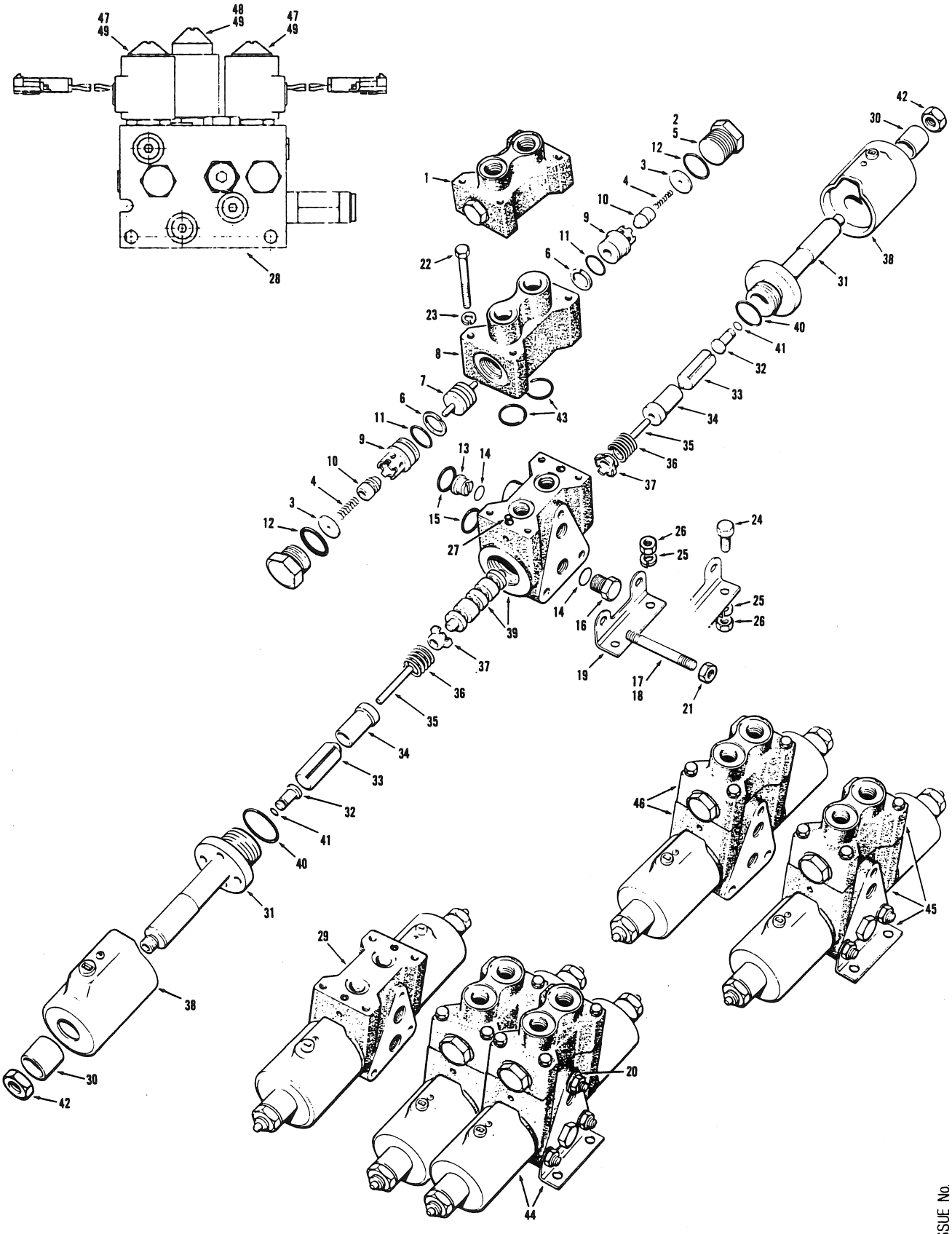
700 SERIES
SERIE 700

SECTION 4 PAGE
SECCION 4 PAGINA 37

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

SOLENOID VALVE - ARTICULATION & ATTACHMENTS - 12 VOLT

No.	PART No.	DESCRIPTION	No. REQ.	REMARKS
1	*63043	**SOLENOID VALVE ASSEMBLY** - C/W LOCK & THERMAL RELIEF - CONSISTS OF ITEMS 8 & 33	1	710A
2	*62200	**SOLENOID VALVE ASSEMBLY** - C/W LOCK & THERMAL RELIEF - CONSISTS OF ITEMS 8 & 34	1	Attachments
3	59925	**SINGLE BANK SOLENOID VALVE ASSEMBLY** - C/W LOCK, THERMAL RELIEF & BANK KIT - CONSISTS OF ITEM 1 & 54244 SINGLE BANK KIT	1	710A
4	*62199	**SINGLE BANK SOLENOID VALVE ASSEMBLY** - C/W LOCK THERMAL RELIEF & BANK KIT - CONSISTS OF ITEM 2 & 54244 SINGLE BANK KIT	1	Attachments
5	*62201	**DOUBLE BANK SOLENOID VALVE ASSEMBLY** - C/W LOCK, THERMAL RELIEF & BANK KIT - CONISISTS OF ITEMS 2 & 1 OF 54243 DOUBLE BANK KIT	1	Attachments
6	*62198	**SINGLE BANK SOLENOID VALVE ASSEMBLY** - C/W CROSS OVER, THERMAL RELIEF, BANK KIT & 59930 LOCK VALVE KIT - CONSISTS OF ITEMS 7, 63 & 54244 SINGLE BANK KIT	1.	720A thru 780A
7	*63044	**SOLENOID VALVE ASSEMBLY** - C/W CROSS OVER & THERMAL RELIEF & 59930 LOCK VALVE KIT - CONSISTS OF ITEMS 8 & 23	1	720A thru 780A
8	*62197	**SOLENOID VALVE ASSEMBLY** - ITEMS 9 to 21	1	
	18845	**O-RING SEAL KIT FOR 62197** - VALVE ASSEMBLY		
9	18834	SLEEVE	2	
10	18835	**TUBE ASSEMBLY**	2	
11	18836	STANDARD FLUSH BUTTON	2	
12	18837	PLUNGER	2	
13	18838	PLUG	2	
14	18839	PIN	2	
15	18840	SPRING	2	
16	18841	SPRING RETAINER	2	
17	18844	SOLENOID COIL - 12 VOLT NOT AVAILABLE	1	
18		SPOOL & BODY - MATCHED SET - SEPARATELY	1	
19	12A-124	O-RING	2	
20	12A-008	O-RING	2	
21	31D-10	NUT	2	
22	12A-118	O-RING	2	
23	56170	**CROSSOVER RELIEF VALVE** -INCLUDES ITEMS 25 to 32	1	
25		PLUG	2	
26	116A-10	O-RING	2	
27	36303	SHIM	2	
28	36304	SHIM	2	
29	36305	POPPET	2	
30	36306	SPRING	2	
31	58123	**BODY - SUB ASSEMBLY** - INCLUDES BODY, O-RING, SEAT & 2 BACK-UP RINGS	1	
32	36309	STOP	2	
33	56168	**LOCK VALVE & INTERNAL THERMAL RELIEF ASSEMBLY** - INCLUDES ITEMS 36 to 38, 40, 41 & 43 to 47	1	710A
34	56171	**LOCK VALVE & INTERNAL THERMAL RELIEF ASSEMBLY** - INCLUDES ITEMS 36 to 40 & 42 to 47	1	Attachments
36		PLUG	1 or 2	
37	24918	WASHER	2	
38	24919	SPRING	2	
39		PLUG	1	Attachments
40	24924	BACK-UP RING	2	
41	32614	SHUTTLE SPOOL - SMALL	1	Articulation
42	32615	SHUTTLE SPOOL - LARGE	1	Attachments
43		BODY - NOT AVAILABLE SEPARATELY	1	
44	48861	CAGE	2	
45	48862	CHECK	2	
46	12A-016	O-RING	2	
47	116A-10	O-RING	2	
		BANKING KITS		
	54244	**SINGLE BANK KIT** - INCLUDES ITEMS 50, 52, 54, 55 to 57	1	
	54243	**DOUBLE BANK KIT** - INCLUDES ITEMS 48 to 53 & 55 to 57 USED WHEN CONNECTING TWO VALVES IN SERIES	1	
48	56229	SERIES PLUG	1	
50	12A-116	O-RING	2 or 3	
51	12A-121	O-RING	2	
52	111H-10	PLUG	2	
53		TIE ROD	3	Double Bank
54		TIE ROD	2	Single Bank
55		FOOT	2	
56	14C-05	FLATWASHER	2	
57	30A-05	NUT	4 or 6	
58	50A-0518	BOLT	4	
59	14A-05	LOCKWASHER	4	
60	50A-0610	BOLT	4	
61	14A-06	LOCKWASHER	4	
62	30A-06	NUT	4	
	59930	**LOCK VALVE KIT** - C/W ITEMS 63, 64, 65 & 66	1	
63		LOCK VALVE - NOT SOLD SEPARATELY	1	
64	12A-118	O-RING	4	
65	50A-0530	BOLT	4	
66	14A-05	LOCKWASHER	4	
67	59932	SUPPORT RING - .830" O.D.	2	
68	12A-007	O-RING	2	



SOLENOID VALVE - ARTICULATION & ATTACHMENTS - 12 VOLT

MAY 1992

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NUMERO(S) DE SERIE EFECTIVO(S) **22038, 22039, 22132 & UP**

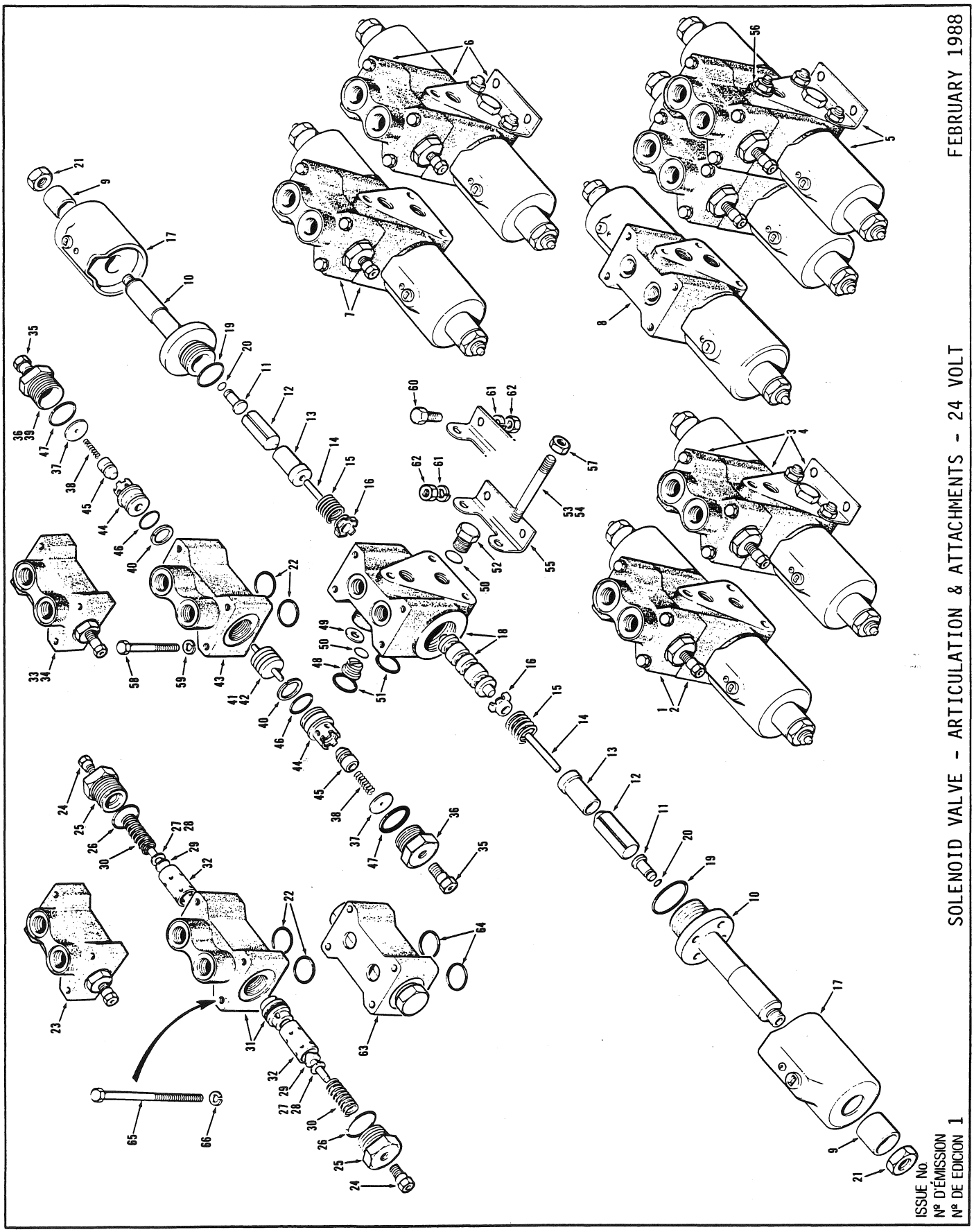
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SOLENOID VALVE - ARTICULATION & ATTACHMENTS - 12 VOLT

MAY 1992

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	56171	**LOCK VALVE & INTERNAL RELIEF ASSEMBLY** - INCLUDES ITEMS 2 to 12	1	Attachments
2		PLUG	1 or 2	
3	24918	WASHER	2	
4	24919	SPRING	2	
5		PLUG	1	
6	24924	BACK-UP RING	2	
7	32615	SHUTTLE SPOOL	1	
8		BODY - NOT AVAILABLE SEPARATELY	1	
9	48861	CAGE	2	
10	48862	CHECK	2	
11	12A-016	O-RING	2	
12	116A-10	O-RING	2	
		BANKING KITS		
	54244	**SINGLE BANK KIT** - INCLUDES ITEMS 14, 16, 18, 19 to 21	1	
	54243	**DOUBLE BANK KIT** - INCLUDES ITEMS 13 to 17 & 19 to 21 USED WHEN CONNECTING TWO VALVES IN SERIES	1	
13	56229	SERIES PLUG	1	
14	12A-116	O-RING	2 or 3	
15	12A-121	O-RING	2	
16	111H-10	PLUG	2	
17		TIE ROD	3	Double Bank
18		TIE ROD	2	Single Bank
19		FOOT	2	
20	14C-05	FLATWASHER	2	
21	30A-05	NUT	4 or 6	
22	50A-0518	BOLT	4	
23	14A-05	LOCKWASHER	4	
24	50A-0610	BOLT	4	
25	14A-06	LOCKWASHER	4	
26	30A-06	NUT	4	
27	12A-007	O-RING	2	
28	*62174	**SOLENOID VALVE ASSEMBLY** - INCLUDES ITEMS 47 to 49	1	Articulation
29	62197	**SOLENOID VALVE ASSEMBLY** -INCLUDES ITEMS 30 to 42	1	Attachments
	18845	**O-RING SEAL KIT FOR 62197** - VALVE ASSEMBLY		
30	18834	SLEEVE	2	
31	18835	**TUBE ASSEMBLY**	2	
32	18836	STANDARD FLUSH BUTTON	2	
33	18837	PLUNGER	2	
34	18838	PLUG	2	
35	18839	PIN	2	
36	18840	SPRING	2	
37	18841	SPRING RETAINER	2	
38	18844	SOLENOID COIL - 12 VOLT	1	
39		SPOOL & BODY - MATCHED SET - NOT AVAILABLE SEPARATELY	1	
40	12A-124	O-RING	2	
41	12A-008	O-RING	2	
42	31D-10	NUT	2	
43	12A-118	O-RING	2	
44	62201	**DOUBLE BANK SOLENOID VALVE ASSEMBLY** - C/W LOCK, THERMAL RELIEF & BANK KIT - CONSISTS OF ITEMS 46 AND 1 OF 54243 DOUBLE BANK KIT	1	Attachments
45	62199	**SINGLE BANK SOLENOID VALVE ASSEMBLY** -C/W LOCK, THERMAL RELIEF & BANK KIT - CONSISTS OF ITEMS 46 AND 1 OF 54244 SINGLE BANK KIT	1	Attachments
46	62200	**SOLENOID VALVE ASSEMBLY** - C/W LOCK & THERMAL RELIEF - CONSISTS OF ITEMS 29 & 1	1	Attachments
47	*63073	CARTRIDGE - INCLUDES 3 O-RINGS & CONICAL NUT	2	
48	*63074	CARTRIDGE - INCLUDES 3 O-RINGS & CONICAL NUT	1	
49	*58727	SOLENOID COIL - 12 VOLT	3	
	*63075	SEAL KIT FOR 63073 - CARTRIDGE	1per	
	*63118	SEAL KIT FOR 63074 - CARTRIDGE	1 per	

CHAMPION ROAD MACHINERY



SOLENOID VALVE - ARTICULATION & ATTACHMENTS - 24 VOLT

FEBRUARY 1988

ISSUE No.
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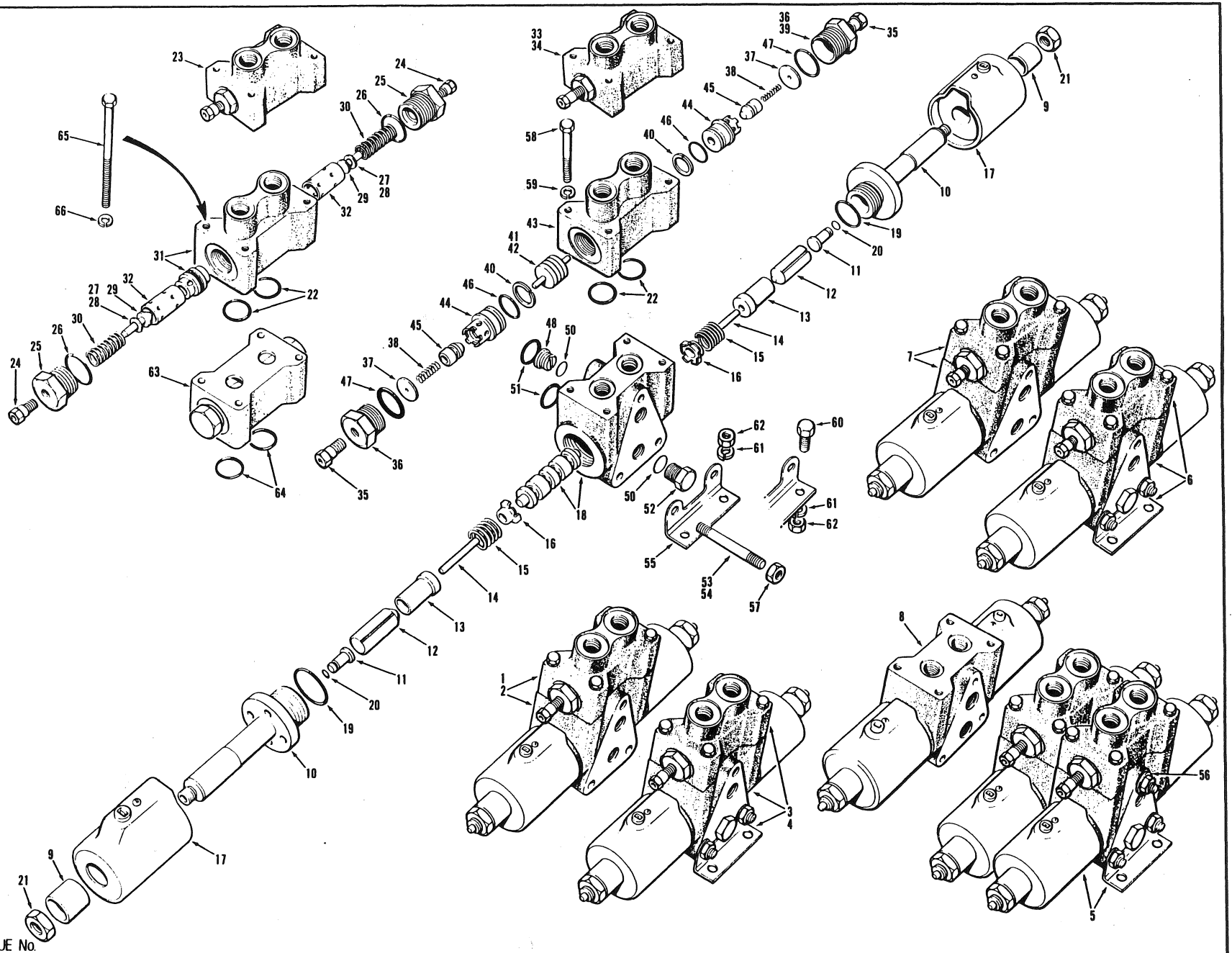
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EFFECTIVE SERIAL NUMBER(S) 17882 & UP
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SOLENOID VALVE - ARTICULATION & ATTACHMENTS - 24 VOLT

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	32616	SOLENOID VALVE ASSY. - C/W LOCK & THERMAL RELIEF - CONSISTS OF ITEMS 8 & 33	A.R.	710A
2	32617	SOLENOID VALVE ASSY. - C/W LOCK & THERMAL RELIEF - CONSISTS OF ITEMS 8 & 34	A.R.	ATTACHMENTS
3	40818	SINGLE BANK SOLENOID VALVE ASSY. - C/W LOCK, THERMAL RELIEF & BANKING KIT - CONSISTS OF ITEM 1 & 18850 BANKING KIT	A.R.	710A
4	32619	SINGLE BANK SOLENOID VALVE ASSY. - C/W LOCK, THERMAL RELIEF & BANKING KIT - CONSISTS OF ITEM 2 & 18850 BANKING KIT	A.R.	ATTACHMENTS
5	32620	DOUBLE BANK SOLENOID VALVE ASSY. - C/W LOCK, THERMAL RELIEF & BANKING KIT - CONSISTS OF 2 OF ITEM 2 & 1 OF 17839 BANKING KIT	A.R.	ATTACHMENTS
6	40819	SOLENOID VALVE ASSY. - C/W CROSS OVER & THERMAL RELIEF - CONSISTS OF ITEMS 8 & 23	A.R.	720A THRU 780A
7	44274	SINGLE BANK SOLENOID VALVE ASSY. - C/W CROSS OVER, THERMAL RELIEF & BANKING KIT CONSISTS OF ITEM 7 & 18850 BANKING KIT	A.R.	720A THRU 780A
8	17838	SOLENOID VALVE ASSY. - ITEMS 9 TO 21	1	
9	18834	SLEEVE	2	
10	18835	TUBE ASSY.	2	
11	18836	STANDARD FLUSH BUTTON	2	
12	18837	PLUNGER	2	
13	18838	PLUG	2	
14	18839	PIN	2	
15	18840	SPRING	2	
16	18841	SPRING RETAINER	2	
17	25080	SOLENOID COIL	2	
18		SPOOL & BODY - MATCHED SET NOT AVAILABLE	1	
19		O RING SEPARATELY	2	
20	12A-008	O RING	2	
21	31D-10	NUT	2	
22	12A-118	O RING	2	
23	35099	CROSSOVER RELIEF VALVE - ITEMS 24 TO 32	1	
24	24915	THERMAL RELIEF	2	
25	36301	PLUG	2	
26	36302	O RING	2	
27	36303	SHIM	A.R.	
28	36304	SHIM	A.R.	
29	36305	POPPET	2	
30	36306	SPRING	2	
31	36307	BODY - SUB ASSY. - INCLUDES BODY, O RING, SEAT & 2 BACK-UP RINGS	1	
32	36309	STOP	2	
33	32661	LOCK VALVE & THERMAL RELIEF ASSY. - (THERMAL RELIEF BOTH ENDS) - INCLUDES ITEMS 35 TO 38 40,41 & 43 TO 47	1	710A
34	32662	LOCK VALVE & THERMAL RELIEF ASSY. - (THERMAL RELIEF ONE END ONLY) - INCLUDES ITEMS 35 TO 40 & 42 TO 47	1	ATTACHMENTS
35	24915	THERMAL RELIEF	1or2	
36	24916	PLUG - DRILLED	1or2	
37	24918	WASHER	2	
38	24919	SPRING	2	
39	24921	PLUG	1	ATTACHMENTS
40	24924	BACK-UP RING	2	
41	32614	SHUTTLE SPOOL	1	ARTIC'N
42	32615	SHUTTLE SPOOL	1	ATTACHMENTS
43		BODY NOT AVAILABLE	1	
44		CAGE SEPARATELY	2	
45		CHECK	2	
46	12A-016	O RING	2	
47	12A-216	O RING	2	
		BANKING KITS		
	17839	DOUBLE BANKING KIT - INCLUDES ITEMS 48 TO 53 & 55 TO 57	A.R.	
	18850	SINGLE BANKING KIT - INCLUDES ITEMS 50, 52, 54, 55 & 57	A.R.	
48	17841	SERIES PLUG	1	
49	18843	SHIM - MYLAR	3	
50	12A-114	O RING	2or3	
51	12A-118	O RING	2	
52	111H-08	PLUG	2	
53		TIE ROD	3	DOUBLE
54		TIE ROD	2	SINGLE
55		FOOT	2	
56	14C-05	FLATWASHER	2	
57	30A-05	NUT	4or6	
58	50A-0518	BOLT	4	
59	14A-05	LOCKWASHER	4	
60	50A-0610	BOLT	4	
61	14A-06	LOCKWASHER	4	
62	30A-06	NUT	4	
	18845	O RING SEAL KIT - USE WITH ITEM 8	A.R.	
	32256	THERMAL RELIEF KIT - INCLUDES ITEMS 35 & 36 - USE WITH ITEMS 33 & 34	A.R.	
	44273	LOCKVALVE KIT FOR 44274 - INCLUDES	A.R.	
63		LOCKVALVE - NOT SOLD SEPARATELY	1	
64		LOCK	1	
65		BOLTS	4	
66		O RING	2	



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SOLENOID VALVE - ARTICULATION & ATTACHMENTS - 24 VOLT

MARCH 1990

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20493 & UP

700 SERIES
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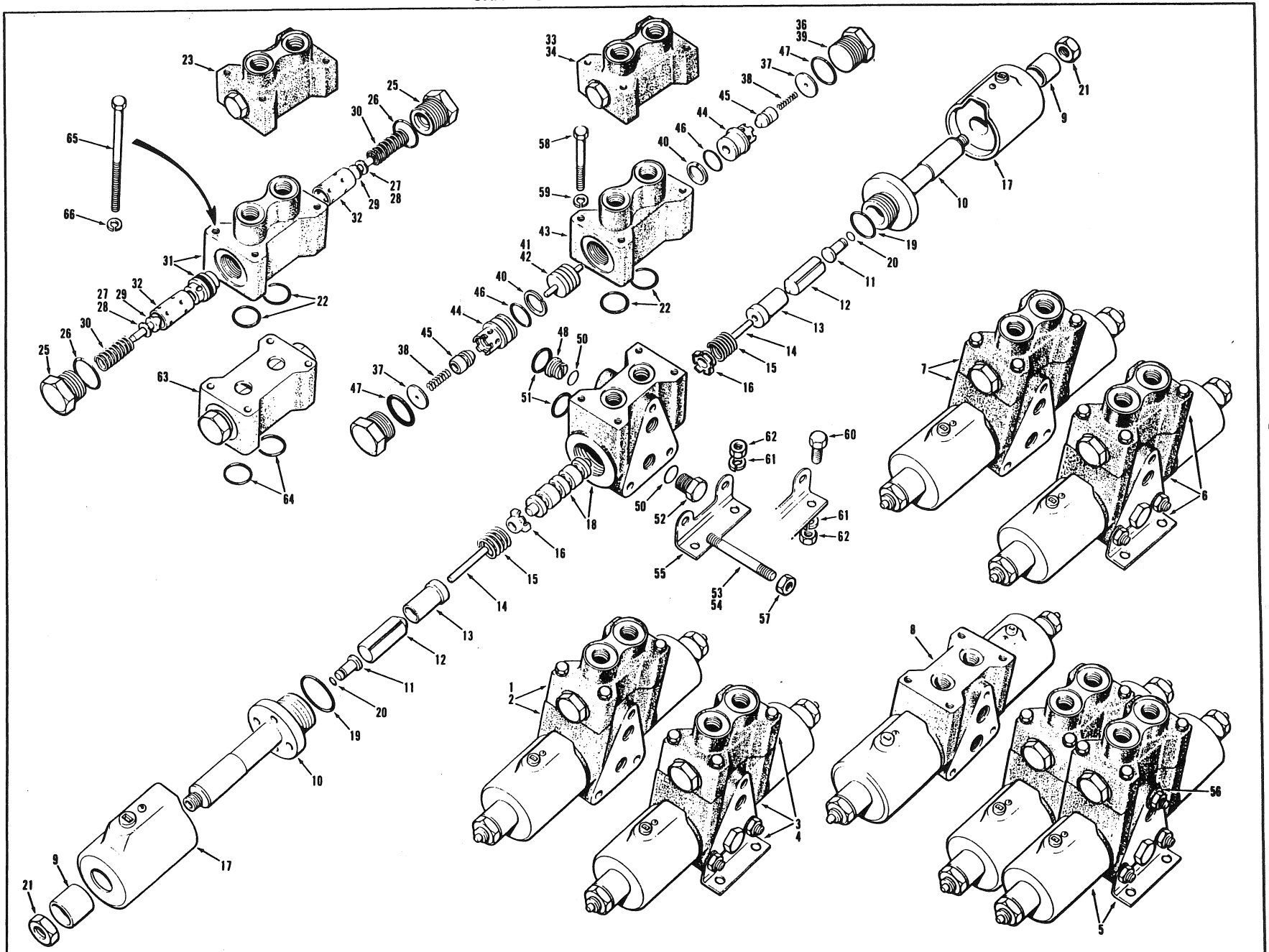
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SOLENOID VALVE - ARTICULATION & ATTACHMENTS - 24 VOLT

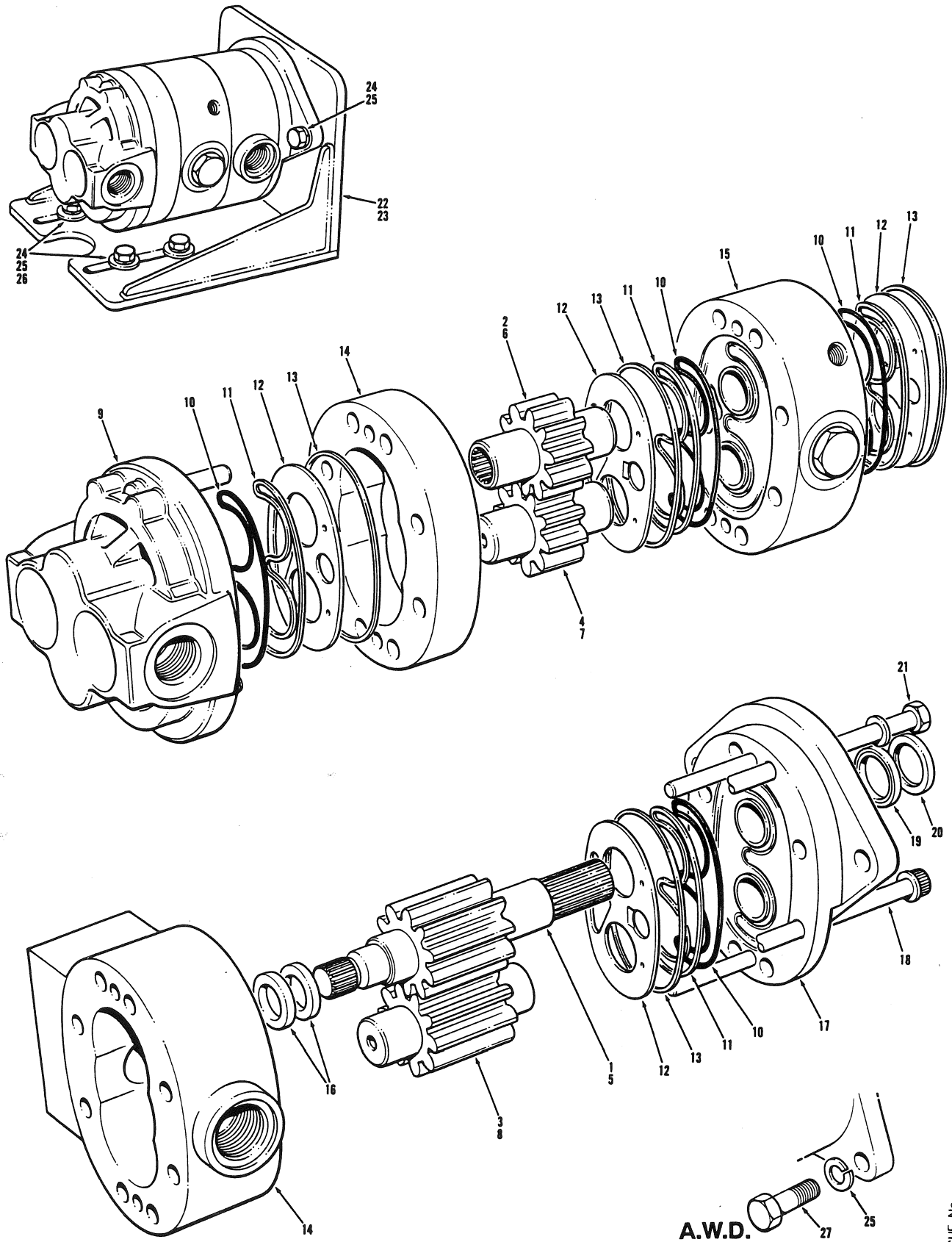
No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	*56234	SOLENOID VALVE ASSEMBLY - C/W LOCK & THERMAL RELIEF - CONSISTS OF ITEMS 8 & 33	1	710A
2	*56235	SOLENOID VALVE ASSEMBLY - C/W LOCK & THERMAL RELIEF - CONSISTS OF ITEMS 8 & 34	1, 2 or 3	Attachments
3	*56236	SINGLE BANK SOLENOID VALVE ASSEMBLY - C/W LOCK, THERMAL RELIEF & BANKING KIT - CONSISTS OF ITEM 1 & 54244 BANKING KIT	1	710A
4	*56237	SINGLE BANK SOLENOID VALVE ASSEMBLY - C/W LOCK, THERMAL RELIEF & BANKING KIT - CONSISTS OF ITEM 2 & 54244 BANKING KIT	1	Attachments
5	*56238	DOUBLE BANK SOLENOID VALVE ASSEMBLY - C/W LOCK, THERMAL RELIEF & BANKING KIT - CONISISTS OF 2 OF ITEM 2 & 1 OF 54243 BANKING KIT	1	Attachments
6	*56239	SOLENOID VALVE ASSEMBLY - C/W CROSS OVER & THERMAL RELIEF - CONSISTS OF ITEMS 8 & 23	1	720A thru 780A
7	*56240	SINGLE BANK SOLENOID VALVE ASSEMBLY - C/W CROSS OVER, THERMAL RELIEF & BANKING KIT - CONSISTS OF ITEMS 8 & 54224 BANKING KIT	1	720A thru 780A
8	*56477	SOLENOID VALVE ASSEMBLY - ITEMS 9 TO 21	1	
	18845	O RING SEAL KIT - USE WITH ITEM 8		
9	18834	SLEEVE	2	
10	18835	TUBE ASSEMBLY	2	
11	18836	STANDARD FLUSH BUTTON	2	
12	18837	PLUNGER	2	
13	18838	PLUG	2	
14	18839	PIN	2	
15	18840	SPRING	2	
16	18841	SPRING RETAINER	2	
17	*25080	SOLENOID COIL - 24 VOLT	1	
18		SPOOL & BODY - MATCHED SET	1	
19	12A-124	O RING	2	
20	12A-008	O RING	2	
21	31D-10	NUT	2	
22	12A-118	O RING	2	
23	35099	CROSSOVER RELIEF VALVE - ITEMS 24 TO 32	1	
24	24915	THERMAL RELIEF	2	
25	36301	PLUG	2	
26	36302	O RING	2	
27	36303	SHIM	A.R.	
28	36304	SHIM	A.R.	
29	36305	POPPET	2	
30	36306	SPRING	2	
31	36307	BODY - SUB ASSEMBLY - INCLUDES BODY, O RING, SEAT & 2 BACK-UP RINGS	1	
32	36309	STOP	2	
33	32661	LOCK VALVE & THERMAL RELIEF ASSEMBLY (THERMAL RELIEF BOTH ENDS) - INCLUDES ITEMS 35 TO 38, 40, 41 & 43 TO 47	1	710A
34	32662	LOCK VALVE & THERMAL RELIEF ASSEMBLY (THERMAL RELIEF ONE END ONLY) - INCLUDES ITEMS 35 TO 40 & 42 TO 47	1	Attachments
35	24915	THERMAL RELIEF	1 or 2	
36	24916	PLUG - DRILLED	1 or 2	
37	24918	WASHER	2	
38	24919	SPRING	2	
39	24921	PLUG	1	Attachments
40	24924	BACK-UP RING	2	
41	32614	SHUTTLE SPOOL	1	Articulation
42	32615	SHUTTLE SPOOL	1	Attachments
43		BODY - NOT AVAILABLE SEPARATELY	1	
44	48861	CAGE	2	
45	48862	CHECK	2	
46	12A-016	O RING	2	
47	12A-216	O RING	2	
		BANKING KITS		
	*54243	DOUBLE BANKING KIT - INCLUDES 48 TO 53 & 55 TO 57	1	
	*54244	SINGLE BANKING KIT - INCLUDES ITEMS 50, 52, 54, 55 & 57	1	
48	*56229	SERIES PLUG	1	
50	*12A-116	O RING	2 or 3	
51	*12A-121	O RING	2	
52	111H-10	PLUG	2	
53		TIE ROD	3	DOUBLE BANK
54		TIE ROD	2	SINGLE BANK
55		FOOT	2	
56	14C-05	FLATWASHER	2	
57	30A-05	NUT	4 or 6	
58	50A-0518	BOLT	4	
59	14A-05	LOCKWASHER	4	
60	50A-0610	BOLT	4	
61	14A-06	LOCKWASHER	4	
62	30A-06	NUT	4	
	44273	LOCK VALVE KIT - C/W ITEMS 63, 64, 65 & 66	A.R.	
63		LOCK VALVE- NOT SOLD SEPARATELY	1	
64	12A-118	O RING	4	
65	50A-0530	BOLT	4	
66	14A-05	LOCKWASHER	4	


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SOLENOID VALVE - ARTICULATION & ATTACHMENTS - 24 VOLT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	*58124	**SOLENOID VALVE ASSEMBLY** - C/W LOCK & THERMAL RELIEF - CONSISTS OF ITEMS 8 & 33	1	710A
2	*56287	**SOLENOID VALVE ASSEMBLY** - C/W LOCK & THERMAL RELIEF - CONSISTS OF ITEMS 8 & 34	1, 2 or 3	Attachments
3	*56285	**SINGLE BANK SOLENOID VALVE ASSEMBLY** - C/W LOCK, THERMAL RELIEF & BANK KIT - CONSISTS OF ITEM 1 & 54244 SINGLE BANK KIT	1	710A
4	*56288	**SINGLE BANK SOLENOID VALVE ASSEMBLY** - C/W LOCK, THERMAL RELIEF & BANK KIT - CONSISTS OF ITEM 2 & 54244 SINGLE BANK KIT	1	Attachments
5	*56289	**DOUBLE BANK SOLENOID VALVE ASSEMBLY** - C/W LOCK, THERMAL RELIEF & BANK KIT - CONISISTS OF 2 OF ITEM 2 & 1 OF 54243 DOUBLE BANK KIT	1	Attachments
6	*56286	**SOLENOID VALVE ASSEMBLY** - C/W CROSS OVER & THERMAL RELIEF - CONSISTS OF ITEMS 8 & 23	1	720A thru 780A
7	*58125	**SINGLE BANK SOLENOID VALVE ASSEMBLY** - C/W CROSS OVER, THERMAL RELIEF & BANK KIT - CONSISTS OF ITEMS 8 & 54244 SINGLE BANK KIT	1	720A thru 780A
8	56477	**SOLENOID VALVE ASSEMBLY** - INCLUDES ITEMS 9 to 21	1	
	18845	**O RING SEAL KIT FOR 56477** - VALVE ASSEMBLY		
9	18834	SLEEVE	2	
10	18835	TUBE ASSEMBLY	2	
11	18836	STANDARD FLUSH BUTTON	2	
12	18837	PLUNGER	2	
13	18838	PLUG	2	
14	18839	PIN	2	
15	18840	SPRING	2	
16	18841	SPRING RETAINER	2	
17	*25080	SOLENOID COIL - 24 VOLT	1	
18		SPOOL & BODY - MATCHED SET	1	
19	12A-124	O RING	2	
20	12A-008	O RING	2	
21	31D-10	NUT	2	
22	12A-118	O RING	2	
23	*56170	CROSSOVER RELIEF VALVE - INCLUDES ITEMS 25 to 32	1	
25		PLUG	2	
26	*116A-10	O RING	2	
27	36303	SHIM	2	
28	36304	SHIM	2	
29	36305	POPPET	2	
30	36306	SPRING	2	
31	*58123	BODY - SUB ASSEMBLY - INCLUDES BODY, O RING, SEAT & 2 BACK-UP RINGS	1	
32	36309	STOP	2	
33	*56168	**LOCK VALVE & INTERNAL THERMAL RELIEF ASSEMBLY** - INCLUDES ITEMS 36 to 38, 40, 41 & 43 to 47	1	710A
34	*56171	**LOCK VALVE & INTERNAL THERMAL RELIEF ASSEMBLY** - INCLUDES ITEMS 35 to 40 & 42 to 47	1	Attachments
36		PLUG	1 or 2	
37	24918	WASHER	2	
38	24919	SPRING	2	
39		PLUG	1	Attachments
40	24924	BACK-UP RING	2	
41	32614	SHUTTLE SPOOL - SMALL	1	Articulation
42	32615	SHUTTLE SPOOL - LARGE	1	Attachments
43		BODY - NOT AVAILABLE SEPARATELY	1	
44	48861	CAGE	2	
45	48862	CHECK	2	
46	12A-016	O RING	2	
47	*116A-10	O RING	2	
		BANKING KITS		
	54244	**SINGLE BANK KIT** - INCLUDES ITEMS 50, 52, 54, 55 to 57	1	
	54243	**DOUBLE BANK KIT** - INCLUDES 48 to 53 & 55 to 57 USED WHEN CONNECTING TWO VALVES IN SERIES	1	
48	56229	SERIES PLUG	1	
50	12A-116	O RING	2 or 3	
51	12A-121	O RING	2	
52	111H-10	PLUG	2	
53		TIE ROD	3	Double Bank
54		TIE ROD	2	Single Bank
55		FOOT	2	
56	14C-05	FLATWASHER	2	
57	30A-05	NUT	4 or 6	
58	50A-0518	BOLT	4	
59	14A-05	LOCKWASHER	4	
60	50A-0610	BOLT	4	
61	14A-06	LOCKWASHER	4	
62	30A-06	NUT	4	
	*56169	**LOCK VALVE KIT** - C/W ITEMS 63, 64, 65 & 66	A.R.	
63		LOCK VALVE- NOT SOLD SEPARATELY	1	
64	12A-118	O RING	4	
65	50A-0530	BOLT	4	
66	14A-05	LOCKWASHER	4	



CHAMPION R. MACHINERY

HYDRAULIC PUMP - TRANSMISSION/STEERING

DECEMBER 1991

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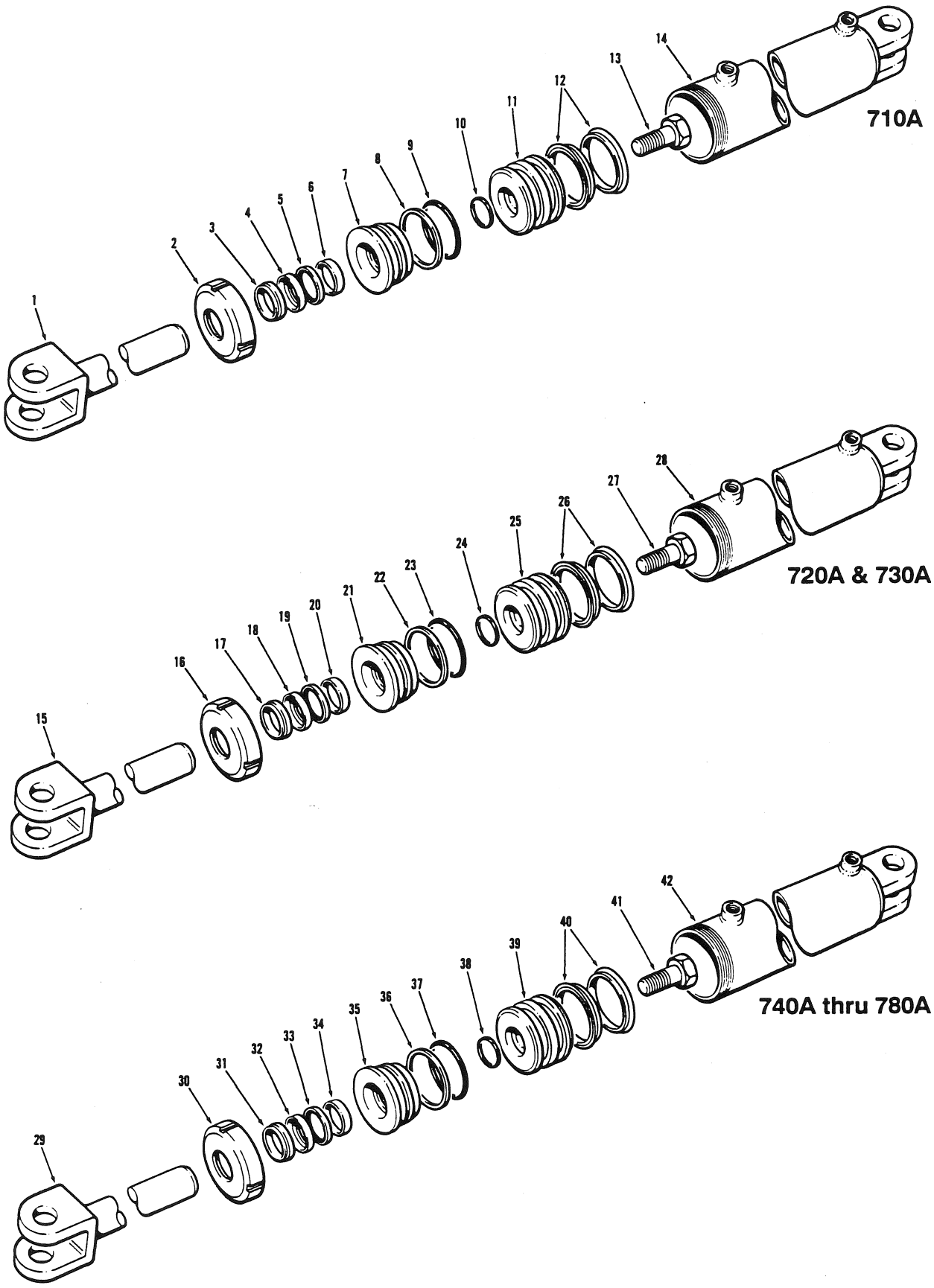
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No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	*54742	**HYDRAULIC PUMP ASSEMBLY** - INCLUDES ITEMS 5 to 21 *(not exactly as illustrated)*	1	710A, 720A & 730A All Wheel Drive Models
	*54743	**HYDRAULIC PUMP ASSEMBLY** - INCLUDES ITEMS 1 to 4 & 9 to 21	1	710 thru 780A
	58263	**REPAIR KIT FOR 54742 & 54743 PUMPS** - INCLUDES ITEMS 10 to 13, 16, 19 & 20	1	
1	58254	DRIVESHAFT	1	
2	58255	SLIP GEAR	1	
3	58256	IDLER GEAR	1	
4	58257	IDLER GEAR	1	
5	58258	DRIVESHAFT	1	
6	58259	SLIP GEAR	1	
7	58260	IDLER GEAR	1	
8	58261	IDLER GEAR	1	
9		COVER ASSEMBLY	1	
10		E RING	4	
11		E SEAL	4	
12		WEAR PLATE	4	
13		SEAL RING	4	
14		GEAR PLATE	2	
15		BEARING PLATE	1	
16		OIL SEAL	2	
17		FRONT PLATE	1	
18		BOLT	2	
19		OIL SEAL	1	
20		OIL SEAL	1	
21		BOLT	6	
		NOT AVAILABLE SEPARATELY		
22	54942	MOUNTING BRACKET	1	710/710A
23	64943	MOUNTING BRACKET	1	720 thru 780A
24	50A-0810	BOLT	6	
25	14A-08	LOCKWASHER	2 or 6	
26	14C-08	FLATWASHER	4	
27	50A-0816	BOLT	2	All Wheel Drive Models



CHAMPION ROAD MACHINERY

AUGUST 1990

ARTICULATION CYLINDERS

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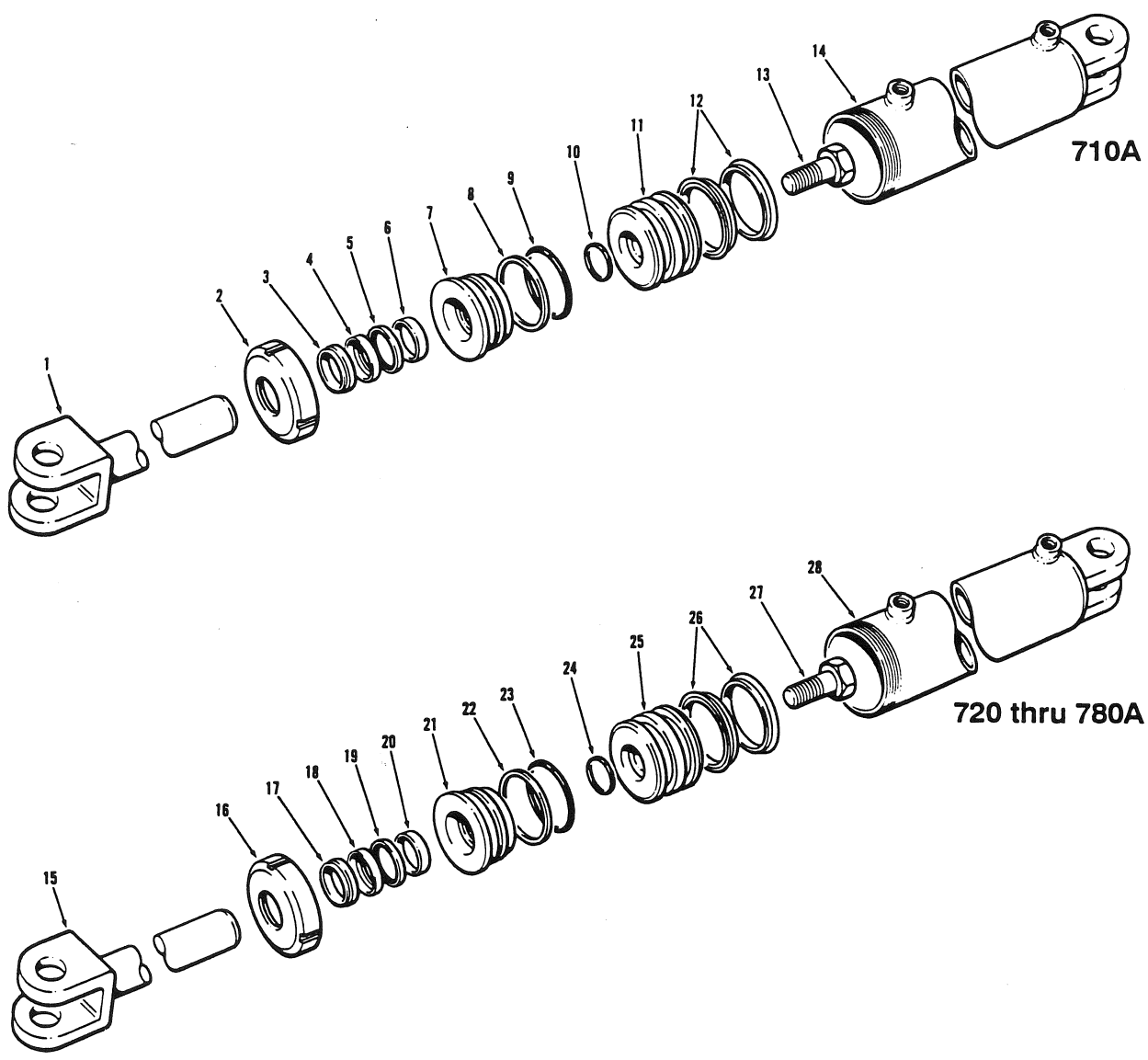
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ARTICULATION CYLINDERS

AUGUST 1990

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
	46057	**ARTICULATION CYLINDER ASSEMBLY** - INCLUDES ITEMS 1 TO 14	2	MODEL 710A
	48953	**REPAIR KIT FOR 46057 CYLINDER ASSEMBLY** - INCLUDES ITEMS 3 TO 6, 8 TO 10, 12 & 13	1	
1	46322	PISTON ROD	1	
2	17608	CYLINDER NUT	1	
3	12035	WIPER RING	1	
4	12037	ROD SEAL	2	
5	45890	BUFFER RING	1	
6	43074	WEAR RING	1	
7	45734	GLAND	1	
8	44266	BACK-UP RING	1	
9	44244	O RING	1	
10	12A-224	O-RING	1	
11	42151	PISTON	1	
12	12036	PISTON SEAL	2	
13	50A-1620	BOLT	1	
14	46058	CYLINDER BARREL	1	
	53783	**ARTICULATION CYLINDER ASSEMBLY** - L.H. - INCLUDES ITEMS 15 TO 28	1	MODELS 720A & 730A
	53784	**ARTICULATION CYLINDER ASSEMBLY** - R.H. - INCLUDES ITEMS 15 TO 28	1	
	54436	**REPAIR KIT FOR 53783 & 53784 CYLINDER ASSEMBLIES** - INCLUDES ITEMS 17 TO 20, 22 TO 24, 26 & 27	1	
15	48400	PISTON ROD	1	
16	13007	CYLINDER NUT	1	
17	12035	WIPER RING	1	
18	12037	ROD SEAL	1	
19	45890	BUFFER RING	1	
20	43074	WEAR RING	1	
21	45735	GLAND	1	
22	44344	BACK-UP RING	1	
23	44245	O RING	1	
24	12A-224	O RING	1	
25	53797	PISTON	1	
26	53799	PISTON SEAL	2	
27	50A-1620	BOLT	1	
28	53781	CYLINDER BARREL - L.H.	1	
	53782	CYLINDER BARREL - R.H.	1	

No. Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
	53788	**ARTICULATION CYLINDER ASSEMBLY** - INCLUDES ITEMS 19 TO 32	2	MODELS 740A thru 780A
	54436	**REPAIR KIT FOR 53788 CYLINDER ASSEMBLY** - INCLUDES ITEMS 31 TO 34, 36 TO 38, 40 & 41	1	
29	46322	PISTON ROD	1	
30	13007	CYLINDER NUT	1	
31	12035	WIPER RING	1	
32	12037	ROD SEAL	1	
33	45890	BUFFER RING	1	
34	43074	WEAR RING	1	
35	45735	GLAND	1	
36	44344	BACK-UP RING	1	
37	44245	O RING	1	
38	12A-224	O RING	1	
39	53797	PISTON	1	
40	53799	PISTON SEAL	2	
41	50A-1620	BOLT	1	
42	53787	CYLINDER BARREL	1	



CHAMPION ROAD MACHINERY

OCTOBER 1990

ARTICULATION CYLINDERS

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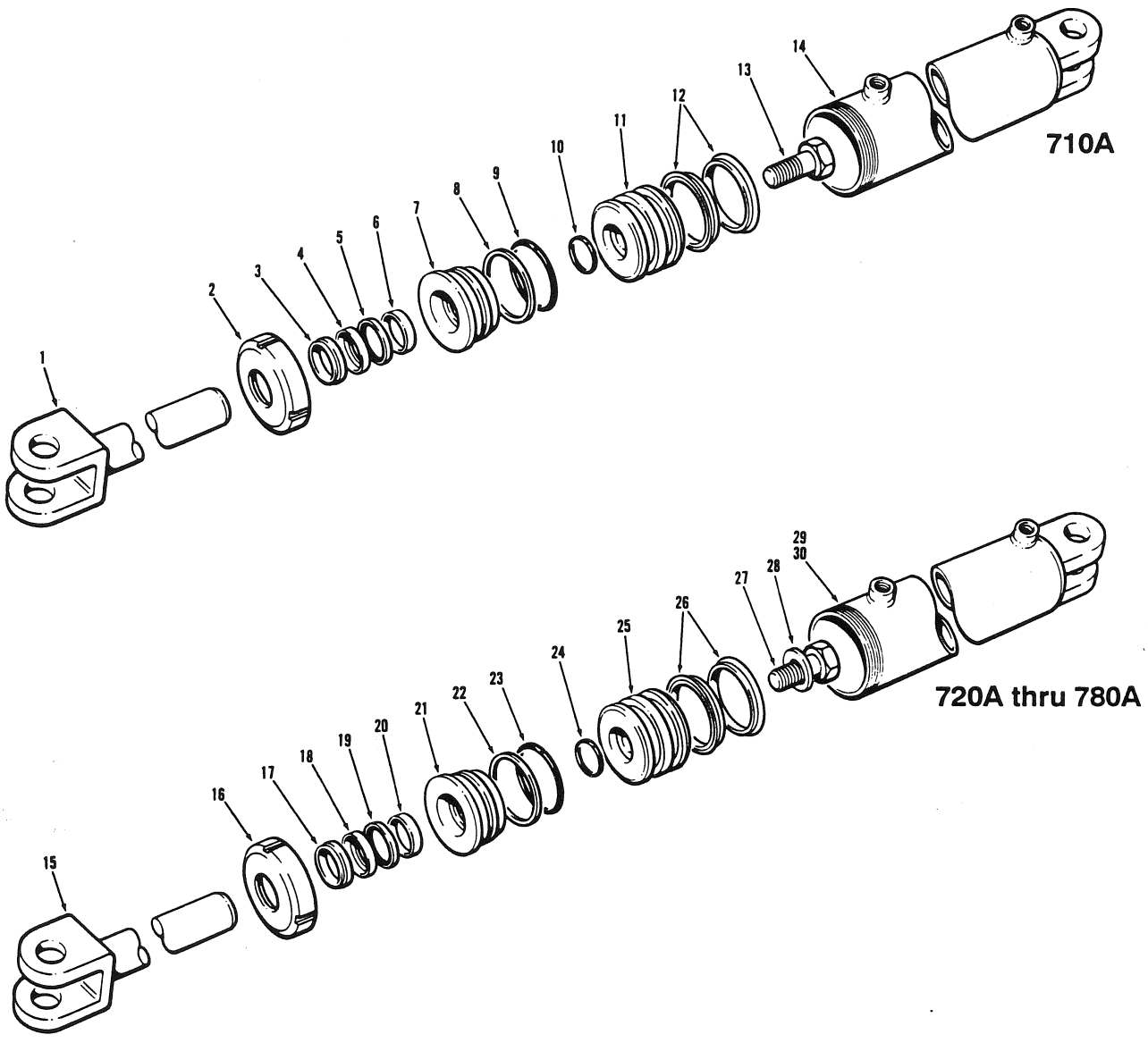
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ARTICULATION CYLINDERS

OCTOBER 1990

No.	PART No.	DESCRIPTION	No. REQ.	REMARKS
	*59031	ARTICULATION CYLINDER ASSEMBLY - INCLUDES ITEMS 1 TO 14	2	MODEL 710A
	48953	REPAIR KIT FOR 59031 CYLINDER ASSEMBLY - INCLUDES ITEMS 3 TO 6, 8 TO 10, 12 & 13	1	
1	*59032	PISTON ROD	1	
2	17608	CYLINDER NUT	1	
3	12035	WIPER RING	1	
4	12037	ROD SEAL	2	
5	45890	BUFFER RING	1	
6	43074	WEAR RING	1	
7	45734	GLAND	1	
8	44266	BACK-UP RING	1	
9	44244	O RING	1	
10	12A-224	O-RING	1	
11	42151	PISTON	1	
12	12036	PISTON SEAL	2	
13	50A-1620	BOLT	1	
14	*59033	CYLINDER BARREL	1	
	*56928	ARTICULATION CYLINDER ASSEMBLY - L.H. - INCLUDES ITEMS 15 TO 28	1	MODELS 720 thru 780A
	*56927	ARTICULATION CYLINDER ASSEMBLY - R.H. - INCLUDES ITEMS 15 TO 28	1	
	54436	REPAIR KIT FOR 56927 & 56928 CYLINDER ASSEMBLIES - INCLUDES ITEMS 17 TO 20, 22 TO 24, 26 & 27	1	
15	*56931	PISTON ROD	1	
16	13007	CYLINDER NUT	1	
17	12035	WIPER RING	1	
18	12037	ROD SEAL	1	
19	45890	BUFFER RING	1	
20	43074	WEAR RING	1	
21	45735	GLAND	1	
22	44344	BACK-UP RING	1	
23	44245	O RING	1	
24	12A-224	O RING	1	
25	53797	PISTON	1	
26	53799	PISTON SEAL	2	
27	50A-1620	BOLT	1	
28	*56930	CYLINDER BARREL - L.H.	1	
	*56929	CYLINDER BARREL - R.H.	1	



DECEMBER 1991

ARTICULATION CYLINDERS

ISSUE No.
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Nº DE EDICION **3**

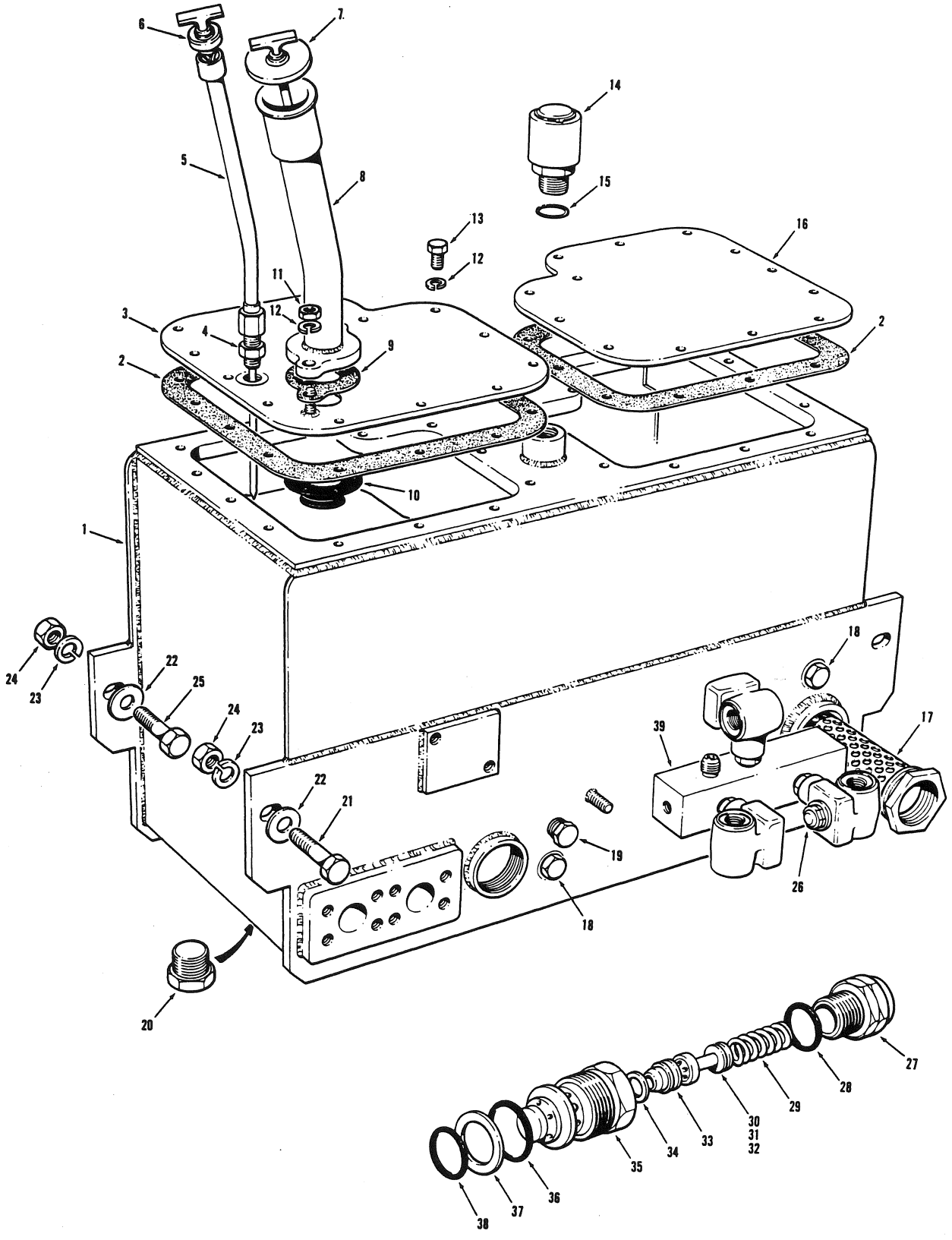
FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
22095 & UP

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

ARTICULATION CYLINDERS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	59031	**ARTICULATION CYLINDER ASSEMBLY - INCLUDES ITEMS 1 to 14**	2	710A
	48953	**REPAIR KIT FOR 59031 CYLINDER ASSEMBLY - INCLUDES ITEMS 3 to 6, 8 to 10, 12 & 13**	1	
1	59032	PISTON ROD	1	
2	17608	CYLINDER NUT	1	
3	12035	WIPER RING	1	
4	12037	ROD SEAL	2	
5	45890	BUFFER RING	1	
6	43074	WEAR RING	1	
7	45734	GLAND	1	
8	44266	BACK-UP RING	1	
9	44244	O RING	1	
10	12A-224	O-RING	1	
11	42151	PISTON	1	
12	12036	PISTON SEAL	2	
13	50A-1620	BOLT	1	
14	59033	CYLINDER BARREL	1	
	*62165	**ARTICULATION CYLINDER ASSEMBLY - L.H. - INCLUDES ITEMS 15 to 29**	1	720A thru 780A
	*62166	**ARTICULATION CYLINDER ASSEMBLY - R.H. - INCLUDES ITEMS 15 to 28 & 30**	1	720A thru 780A
	54436	**REPAIR KIT FOR 62165 & 62166 CYLINDER ASSEMBLIES - INCLUDES ITEMS 17 to 20, 22 to 24, 26 & 27**	1	
15	*59737	PISTON ROD	1	
16	13007	CYLINDER NUT	1	
17	12035	WIPER RING	1	
18	12037	ROD SEAL	1	
19	45890	BUFFER RING	1	
20	43074	WEAR RING	1	
21	45735	GLAND	1	
22	44344	BACK-UP RING	1	
23	44245	O-RING	1	
24	12A-224	O-RING	1	
25	*62184	PISTON	1	
26	53799	PISTON SEAL	2	
27	*59190	BOLT	1	
28	*49380	WASHER	1	
29	56930	CYLINDER BARREL - L.H.	1	
30	56929	CYLINDER BARREL - R.H.	1	



CHAMPION ROAD MACHINERY

HYDRAULIC OIL TANK & RELIEF VALVE ASSEMBLY

DECEMBER 1991

ISSUE No.
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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20805, 20806, 20808 & UP

700 SERIES
SERIE 700

SECTION 4 PAGE 45
SECCION PAGINA

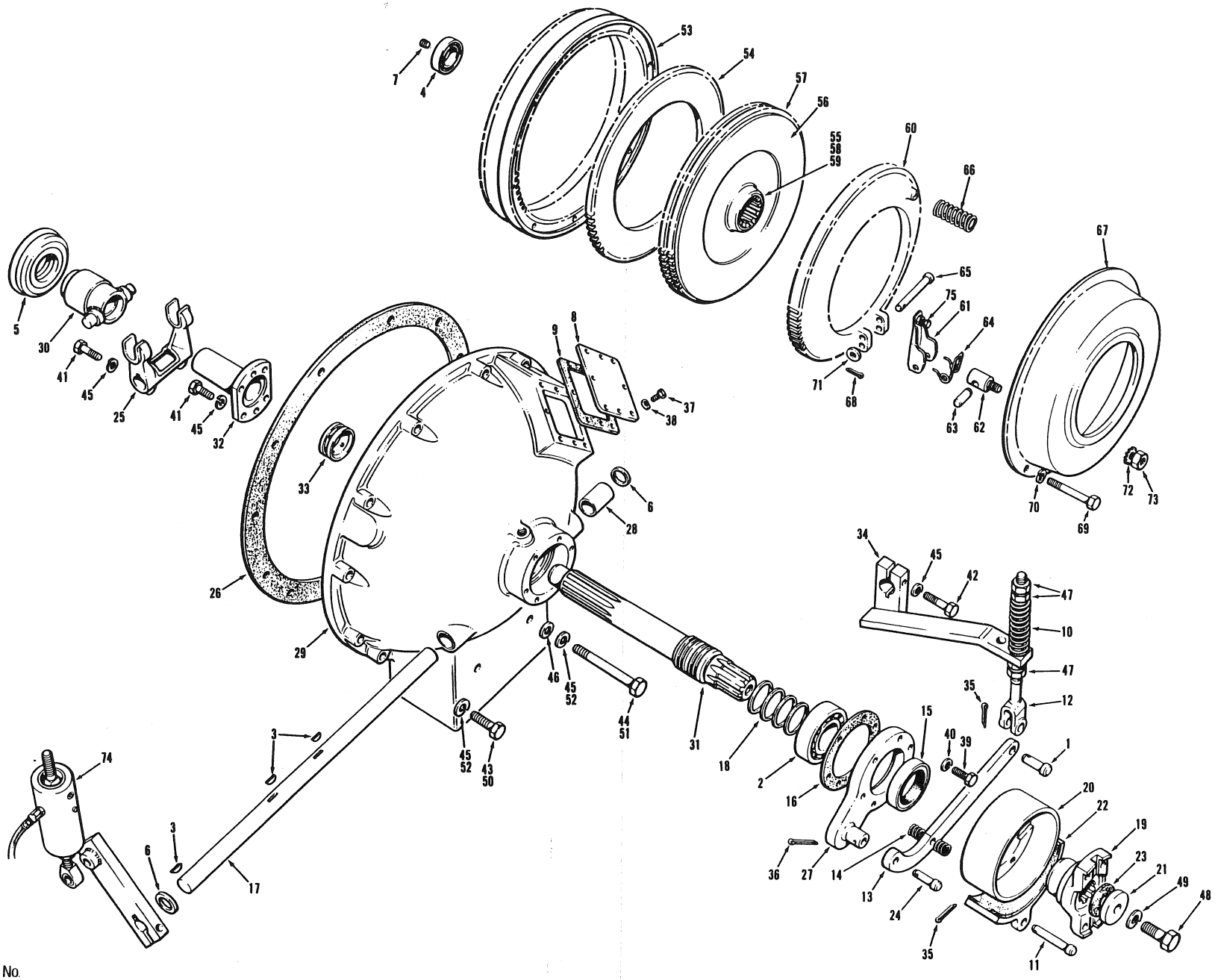
FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

HYDRAULIC OIL TANK & RELIEF VALVE ASSEMBLY

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	54966	**HYDRAULIC OIL TANK ASSEMBLY - INCLUDES ITEMS 1 TO 20**		
1	*59331	OIL TANK	1	
2	53439	GASKET - COVER PLATE	2	
3	54352	COVER PLATE - R.H.	1	
4	111E-0808	CONNECTOR	1	
5	53466	DIPSTICK NECK	1	
6	53492	DIPSTICK	1	
7	53491	CAP - OIL FILLER	1	
8	54353	FILLER NECK	1	
9	53488	GASKET - FILLER NECK	1	
10	53495	STRAINER	1	
11	30A-06	NUT	2	
12	14A-06	LOCKWASHER	28	
13	50A-0608	BOLT	26	
14	48878	BREATHER	1	
15	116A-12	O-RING	1	
16	53469	COVER PLATE - L.H.	1	
17	54137	DIFFUSER - C/W O-RING	1	
18	111H-08	PLUG	2	
19	115C-08	PLUG	1	
20	54040	MAGNETIC PLUG	1	
21	50A-1018	BOLT	2	
22	14C-10	FLATWASHER	4	
23	14A-10	LOCKWASHER	4	
24	30A-10	NUT	4	
25	50A-1016	BOLT	2	
26	53394	**RELIEF VALVE ASSEMBLY - INCLUDES ITEMS 27 TO 38**	3	
	27547	**SERVICE KIT FOR 53394 - INCLUDES ITEMS 33 & 34**	1	
	45549	**SEAL KIT FOR 53394 - INCLUDES ITEMS 28, 36, 37 & 38**	1	
27		CAP	1	
28		O-RING	1	
29	27552	SPRING	1	
30	50067	SHIM - .010" (0.25 mm) THICK		
31	*50066	SHIM - .020" (0.5 mm) THICK	1	
32	50065	SHIM - .040" (1.02 mm) THICK	1	
33		POPPET	1	
34		PISTON RING	1	
35		BODY	1	
36		O-RING	1	
37		BACK-UP WASHER	1	
38		O-RING	1	
39		MANIFOLD BLOCK	REF.	Sect 4 Pgs 15 & 17

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

EFFECTIVE SERIAL NUMBER(S) 16224,16245 UP TO 16564
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 UP TO 2209-2



ISSUE No.
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Nº DE EDICION 1 REVISION A

CLUTCH ASSEMBLY - MODEL 710 THRU 730A

MAY 1987

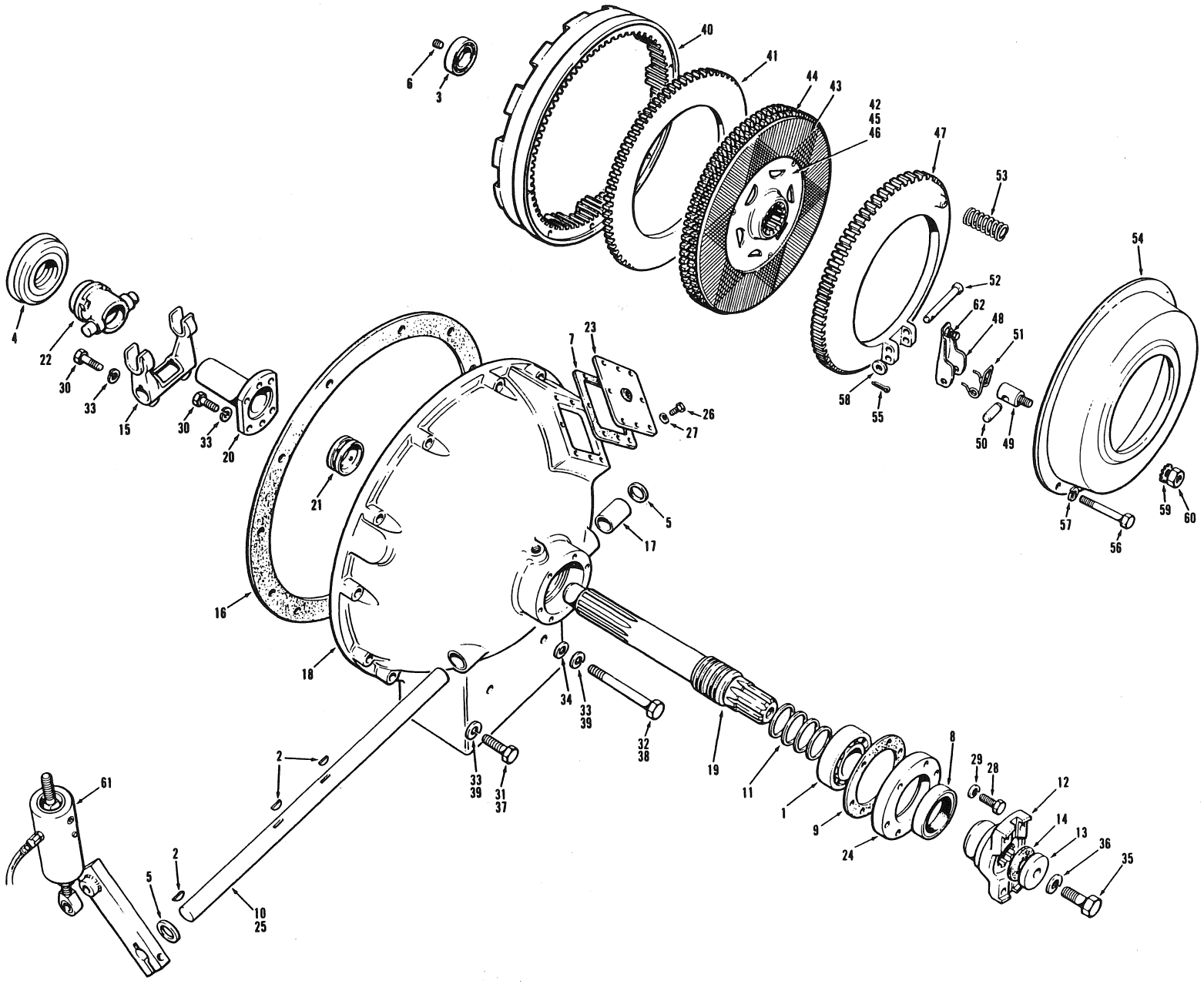
FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

SECTION / SECCION 5 | PAGE / PAGINA 2 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 1 REVISION A

CLUTCH ASSEMBLY - MODEL 710 THRU 730A

MAY 1987

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	665	CLEVIS PIN	1	
2	3546	BEARING	1	
3	*20J-0808	KEY	3	
4	3863	PILOT BEARING	1	
5	3865	THRUST BEARING	1	
6	5202	OIL SEAL	2	
7	5770-2	PIPE PLUG	1	
8	6776	COVER	1	
9	6680	GASKET	1	
10	8065	SPRING	1	
11	8480	CLEVIS PIN	1	
12	10810	CLEVIS ROD	1	
13	10811	BRAKE ARM	1	
14	10814	SPRING	2	
15	12941	OUTER SEAL	1	
16	12948	GASKET	1	
17	12952	SHAFT	1	
18	16496	SEALING RING	4	
19	16936	YOKE	1	
20	17774	BRAKE DRUM	1	
21	17775	RETAINING WASHER	1	
22	17803	BRAKE SHOE	1	
23	17973	GASKET	1	
24	18034	CLEVIS PIN	1	
25	18916	YOKE	1	
26	25285	GASKET	1	
27	26378	SEAL HOUSING	1	
28	32891	BUSHING	2	
29	40079	CLUTCH HOUSING	1	
30	40112	SLEEVE	1	
31	40113	CLUTCH SHAFT	1	
32	40114	RELEASE GUIDE	1	
33	40117	SLEEVE	1	
34	40713	LEVER ARM	1	
35	13A-0316	COTTER PIN	2	
36	13A-0324	COTTER PIN	1	
37	50A-0406	BOLT	8	
38	14A-04	LOCKWASHER	8	
39	50A-0508	BOLT	8	
40	14A-05	LOCKWASHER	8	
41	50A-0610	BOLT	6	
42	50A-0612	BOLT	1	
43	50A-0624	BOLT	8	
44	50A-0648	BOLT	2	
45	14A-06	LOCKWASHER	18	
46	14S-06	SEAL WASHER	2	
47	31A-08	NUT	4	
48	50A-1010	BOLT	1	
49	14A-10	LOCKWASHER	1	
50	*350A-10060	BOLT	8	710/710A
51	*350A-10150	BOLT	2	710/710A
52	*314A-10	LOCKWASHER	10	710/710A
	36529	CLUTCH ASSEMBLY -INCLUDES ITEMS 53 TO 71	1	
53	41244	DRIVE RING	1	
54	41245	OUTER DISC	1	
	41246	DISC & HUB ASSEMBLY - INCLUDES ITEMS 55 TO 59	1	
55	37169	SPLINED HUB	1	
56	37170	INNER DISC	3	
57	37171	OUTER DISC	2	
58	37172	WASHER	3	
59	37173	RIVET	3	
	40896	COVER ASSEMBLY - INCLUDES ITEMS 60 TO 68 & 71 TO 73	1	
60	37174	PRESSURE PLATE	1	
61	37175	LEVER ASSY. - C/W SCREW & NUT	3	
62	37177	PIVOT BLOCK	3	
63	37178	PIVOT PIN	3	
64	37179	ANTI-RATTLE SPRING	3	
65	37180	LEVER PIN	3	
66	37181	SPRING	15	
67	37182	BACK PLATE	1	
68	13A-0312	COTTER PIN	3	
69	50A-0624	BOLT	8	
70	14A-06	LOCKWASHER	8	
71	14C-06	WASHER	3	
72	14J-10	WASHER	3	
73	31D-10	JAM NUT	3	
74		SLAVE CYLINDER ASSEMBLY	REF.	SECTION 5 PAGES 6
	37176	LEVER KIT - INCLUDES ITEMS 61,63,65, 68 & 71	A.R.	
75	*42879	SCREW AND NUT KIT - FOR ITEM 61	A.R.	



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2 REVISION C

CLUTCH ASSEMBLY - MODELS 710 THRU 730A

JULY 1989

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16565 to 19339
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2210-2 to 2658-2

700 SERIES
SERIE 700

SECTION 5 PAGE 1
SECCION PAGINA

USE ONLY CHAMPION APPROVED PARTS

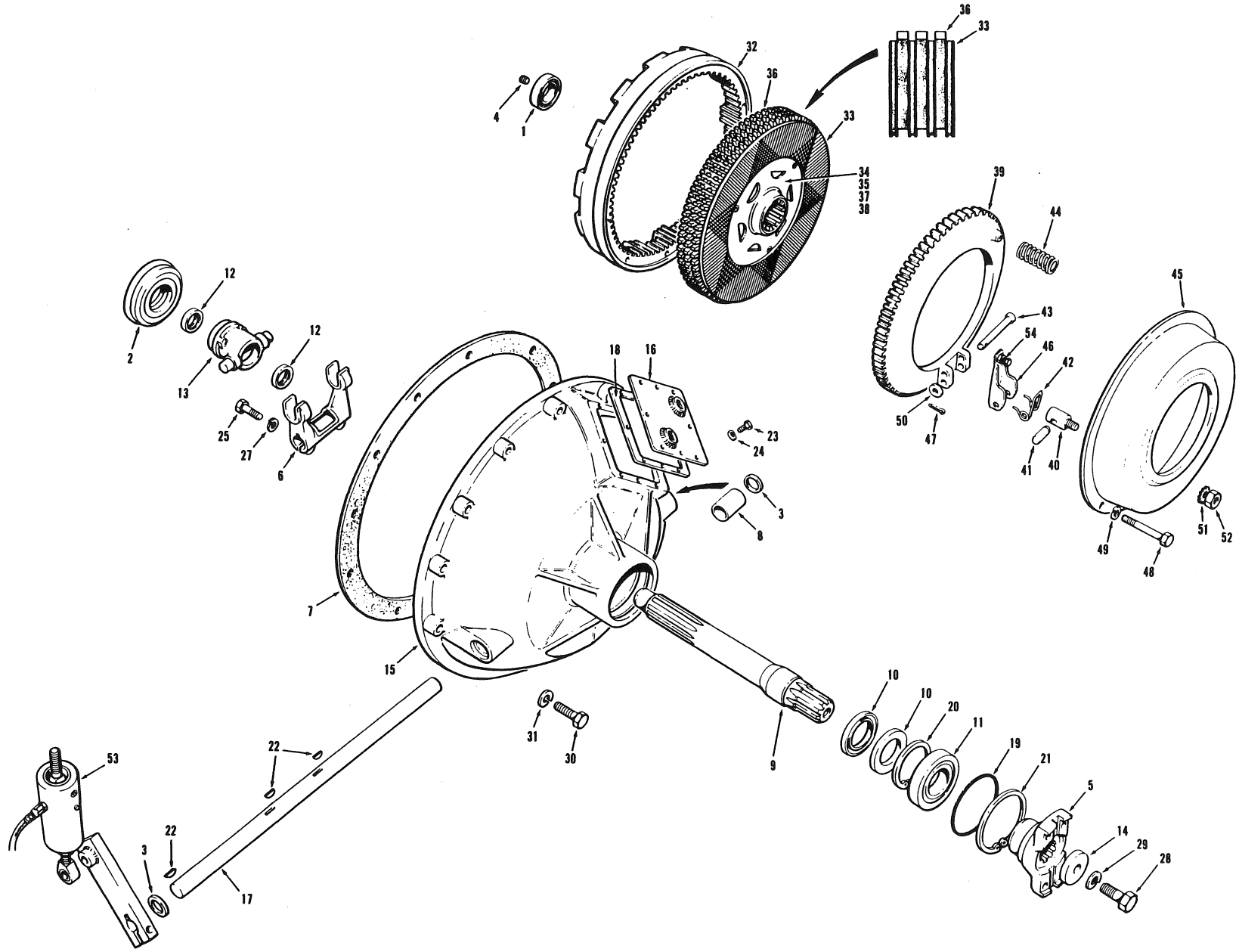
SECTION / SECCION 5 | PAGE / PAGINA 2 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 2 REVISION C

CLUTCH ASSEMBLY - MODELS 710 THRU 730A

JULY 1989

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	3546	BEARING	1	
2	20J-0808	KEY	3	
3	3863	PILOT BEARING	1	
4	3865	THRUST BEARING	1	
5	5202	OIL SEAL	2	
6	5770-2	PIPE PLUG	1	
7	6680	GASKET	1	
8	12941	OUTER SEAL	1	
9	12948	GASKET	1	
10	12952	SHAFT	1	U.S.SERIAL NO.2210-2 TO 2269-2
11	16496	SEALING RING	4	
12	16936	YOKE	1	
13	17775	RETAINING WASHER	1	
14	17973	GASKET	1	
15	18916	YOKE	1	
16	25285	GASKET	1	
17	32891	BUSHING	2	
18	40079	CLUTCH HOUSING	1	
19	*53965	CLUTCH SHAFT	1	
20	40114	RELEASE GUIDE	1	
21	40117	SLEEVE	1	
22	41403	SLEEVE	1	
23	41541	COVER	1	
24	41565	SEAL HOUSING	1	
25	41569	SHAFT	1	
26	50A-0406	BOLT	8	
27	14A-04	LOCKWASHER	8	
28	50A-0508	BOLT	7	
29	14A-05	LOCKWASHER	6	
30	50A-0610	BOLT	6	
31	50A-0624	BOLT	8	
32	50A-0648	BOLT	2	
33	14A-06	LOCKWASHER	18	
34	14S-06	SEAL WASHER	2	
35	50A-1010	BOLT	1	
36	14A-10	LOCKWASHER	1	
37	350A-10060	BOLT	8	710/710A
38	350A-10150	BOLT	2	710/710A
39	314A-10	LOCKWASHER	10	710/710A

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	36529	CLUTCH ASSEMBLY -INCLUDES ITEMS 40 TO 58	1	
40	41244	DRIVE RING	1	
41	37171	OUTER DISC	1	
	41246	DISC & HUB ASSY.- INCLUDES ITEMS 42 TO 46	1	
42	37169	SPLINED HUB	1	
43	37170	INNER DISC	3	
44	37171	OUTER DISC	2	
45	37172	WASHER	6	
46	46362	RIVET	3	
	40896	COVER ASSEMBLY - INCLUDES ITEMS 47 TO 55 & 58 TO 60	1	
47	37174	PRESSURE PLATE	1	
48	37175	LEVER ASSY. - C/W SCREW & NUT	3	
49	37177	PIVOT BLOCK	3	
50	37178	PIVOT PIN	3	
51	37179	ANTI-RATTLE SPRING	3	
52	37180	LEVER PIN	3	
53	37181	SPRING	15	
54	37182	BACK PLATE	1	
55	13A-0312	COTTER PIN	3	
56	50A-0624	BOLT	8	
57	14A-06	LOCKWASHER	8	
58	14C-06	WASHER	3	
59	14J-10	WASHER	3	
60	31D-10	JAM NUT	3	
61		SLAVE CYLINDER ASSEMBLY	REF.	SECTION 5 PAGE 6
	37176	LEVER KIT - INCLUDES ITEMS 48,50,52, 55 & 58	A.R.	
62	42879	SCREW AND NUT KIT - FOR ITEM 48	A.R.	



ISSUE No.
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CLUTCH ASSEMBLY - MODELS 710 THRU 780A

JULY 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) **Models 710 thru 730A: 19340 & UP**
NUMERO(S) DE SÉRIE EFFECTIF(S) **Models 740 thru 780A: 19651 & UP**
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 5 PAGE 1
SECCION PAGINA

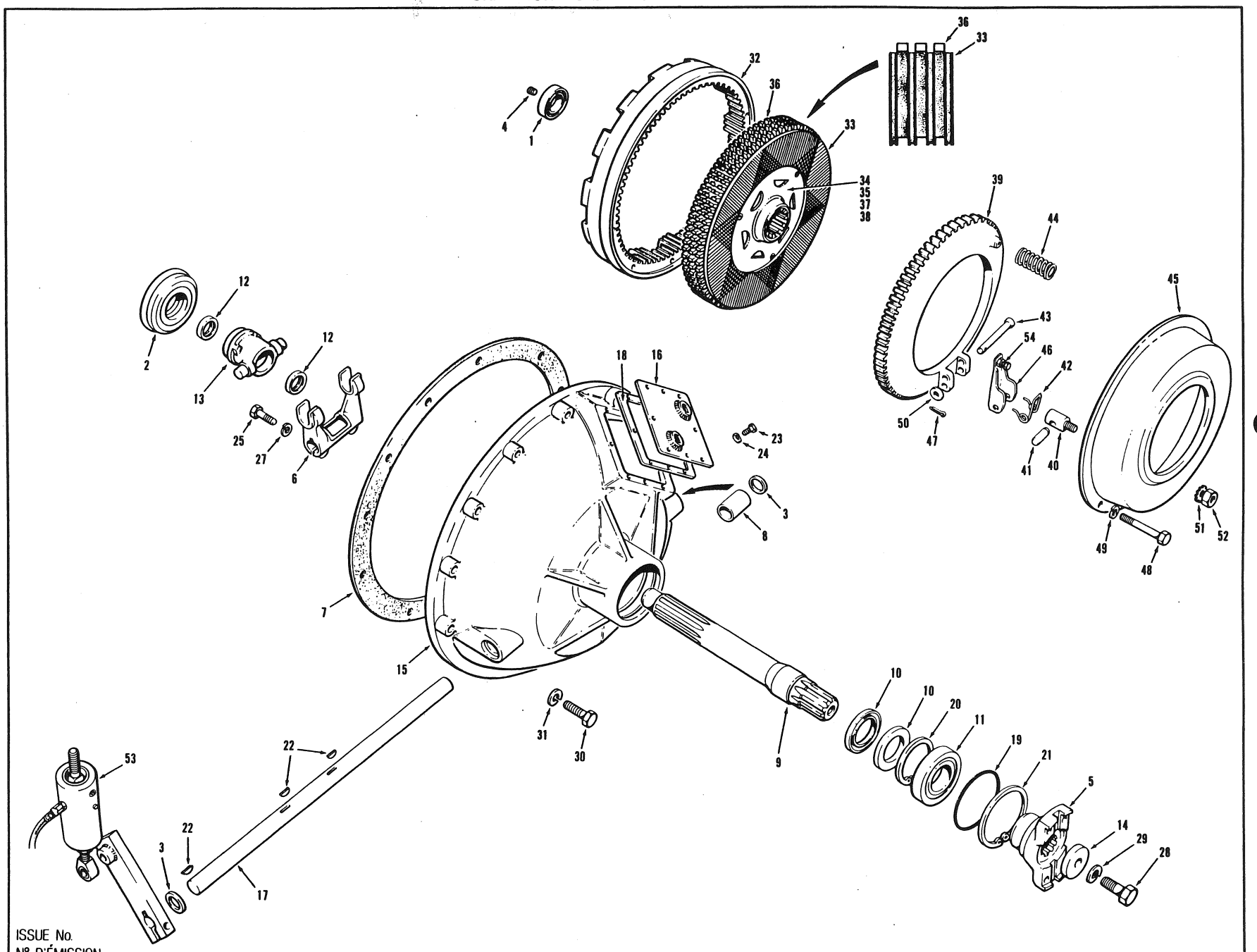
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CLUTCH ASSEMBLY - MODELS 710 THRU 780A

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	3863	PILOT BEARING	1	
2	3865	THRUST BEARING	1	
3	5202	OIL SEAL	2	
4	5770-2	PIPE PLUG	1	
5	16936	YOKE	1	
6	18916	YOKE	1	
7	25285	GASKET	1	
8	32891	BUSHING	2	
9	37815	CLUTCH SHAFT	1	
10	37816	SEAL	2	
11	37817	BEARING	1	
12	37819	BEARING	2	
13	37820	SLEEVE	1	
14	37919	RETAINING WASHER	1	
15	38028	CLUTCH HOUSING	1	
16	48389	COVER	1	
17	48740	SHAFT	1	
18	48743	GASKET	1	
19	12A-242	O RING	1	
20	19B-287	RETAINER RING	1	
21	19B-393	RETAINER RING	1	
22	20J-0808	KEY	3	
23	50A-0406	BOLT	8	
24	14A-04	LOCKWASHER	8	
25	50A-0610	BOLT	2	
27	14A-06	LOCKWASHER	2	
28	50A-1010	BOLT	1	
29	14A-10	LOCKWASHER	1	
30	350A-10060	BOLT	10	
31	314A-10	LOCKWASHER	10	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	37677	CLUTCH ASSEMBLY - INCLUDES ITEMS 32 TO 51	1	
32	49990	DRIVE RING	1	
	*49984	DISC & HUB ASSEMBLY - INCLUDES ITEMS 33 TO 38	1	
33	37170	INNER DISC	4	
34	37172	WASHER	3	
35	49986	SPLINED HUB	1	
36	49987	OUTER DISC	3	
37	49988	RIVET	3	
38	49989	RETAINER	1	
	49985	COVER ASSEMBLY - INCLUDES ITEMS 39 TO 47	1	
39	37174	PRESSURE PLATE	1	
40	37177	PIVOT BLOCK	3	
41	37178	PIVOT PIN	3	
42	37179	ANTI-RATTLE SPRING	3	
43	37180	LEVER PIN	3	
44	37181	SPRING	15	
45	37182	BACK PLATE	1	
46	*49991	LEVER ASSEMBLY - C/W SCREW	3	
47	13A-0312	COTTER PIN	3	
48	50A-0626	BOLT	8	
49	14A-06	LOCKWASHER	8	
50	14C-06	FLATWASHER	3	
51	14J-10	WASHER	3	
52	31D-10	JAM NUT	3	
53		SLAVE CYLINDER ASSEMBLY	REF.	SECTION 5 PAGE 6
	53249	LEVER KIT - INCLUDES ITEMS 43, 46, 47 & 50	A.R.	
54	*54531	SCREW FOR ITEM 46	A.R.	



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CLUTCH ASSEMBLY - Models 710 thru 780A

APRIL 1991

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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 20350, 20356, 20359, 20362,
NUMERO(S) DE SÉRIE EFFECTIF(S) 20365, 20366, 20370, 20371
NUMERO(S) DE SERIE EFECTIVO(S) to 21282

700 SERIES
SERIE 700

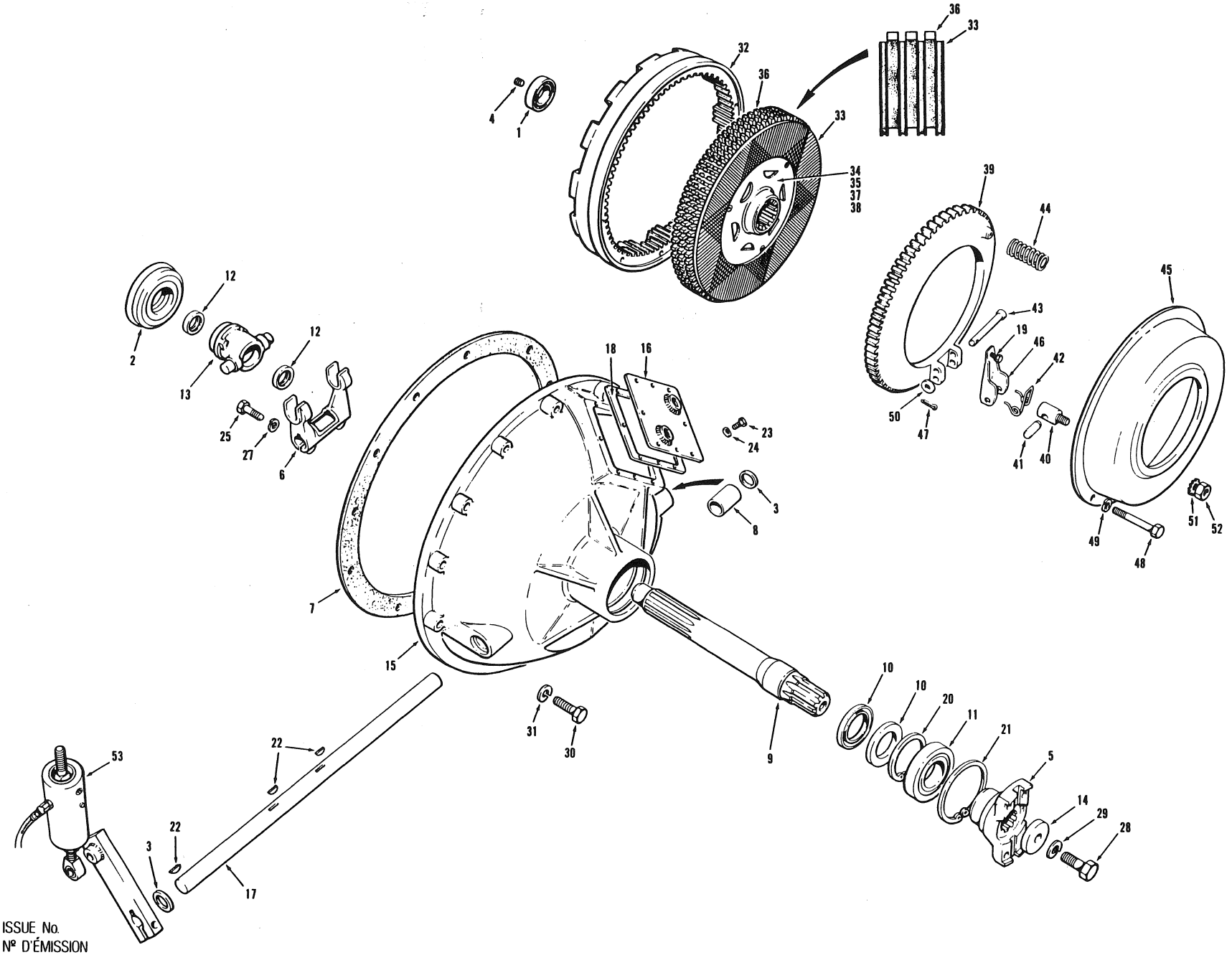
SECTION 5 PAGE 1
SECCION 5 PAGINA 1

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No.	PART No.	DESCRIPTION	No. REQ.	REMARKS
1	3863	PILOT BEARING	1	
2	3865	THRUST BEARING	1	
3	5202	OIL SEAL	2	
4	5770-2	PIPE PLUG	1	
5	16936	YOKE	1	
6	18916	YOKE	1	
7	25285	GASKET	1	
8	32891	BUSHING	2	
9	37815	CLUTCH SHAFT	1	
10	37816	SEAL	2	
11	37817	BEARING	1	
12	37819	BEARING	2	
13	37820	SLEEVE	1	
14	37919	RETAINING WASHER	1	
15	*55131	CLUTCH HOUSING	1	
16	48389	COVER	1	
17	48740	SHAFT	1	
18	48743	GASKET	1	
19	12A-242	O RING	1	
20	19B-287	RETAINER RING	1	
21	19B-393	RETAINER RING	1	
22	20J-0808	KEY	3	
23	50A-0406	BOLT	8	
24	14A-04	LOCKWASHER	8	
25	50A-0610	BOLT	2	
27	14A-06	LOCKWASHER	2	
28	50A-1010	BOLT	1	
29	14A-10	LOCKWASHER	1	
30	350A-10060	BOLT	10	
31	314A-10	LOCKWASHER	10	

No.	PART No.	DESCRIPTION	No. REQ.	REMARKS
	37677	**CLUTCH ASSEMBLY** - INCLUDES ITEMS 32 to 51	1	
32	49990	DRIVE RING	1	
	49984	**DISC & HUB ASSEMBLY** - INCLUDES ITEMS 33 to 38	1	
33	37170	INNER DISC	4	
34	37172	WASHER	3	
35	49986	SPLINED HUB	1	
36	49987	OUTER DISC	3	
37	49988	RIVET	3	
38	49989	RETAINER	1	
	49985	**COVER ASSEMBLY** - INCLUDES ITEMS 39 to 47	1	
39	37174	PRESSURE PLATE	1	
40	37177	PIVOT BLOCK	3	
41	37178	PIVOT PIN	3	
42	37179	ANTI-RATTLE SPRING	3	
43	37180	LEVER PIN	3	
44	37181	SPRING	15	
45	37182	BACK PLATE	1	
46	49991	**LEVER ASSEMBLY** - C/W SCREW	3	
	53249	**REPAIR KIT FOR 49991** - LEVER ASSEMBLY - INCLUDES ITEMS 43, 47 & 50	1per	
47	13A-0312	COTTER PIN	3	
48	50A-0626	BOLT	8	
49	14A-06	LOCKWASHER	8	
50	14C-06	FLATWASHER	3	
51	14J-10	WASHER	3	
52	31D-10	JAM NUT	3	
53		**SLAVE CYLINDER ASSEMBLY**	REF.	Sect 5 Pg 6
54	54531	SCREW FOR ITEM 46	A.R.	

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5

CLUTCH ASSEMBLY - Models 710 thru 780A

APRIL 1991

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

CLUTCH ASSEMBLY - Models 710 thru 780A

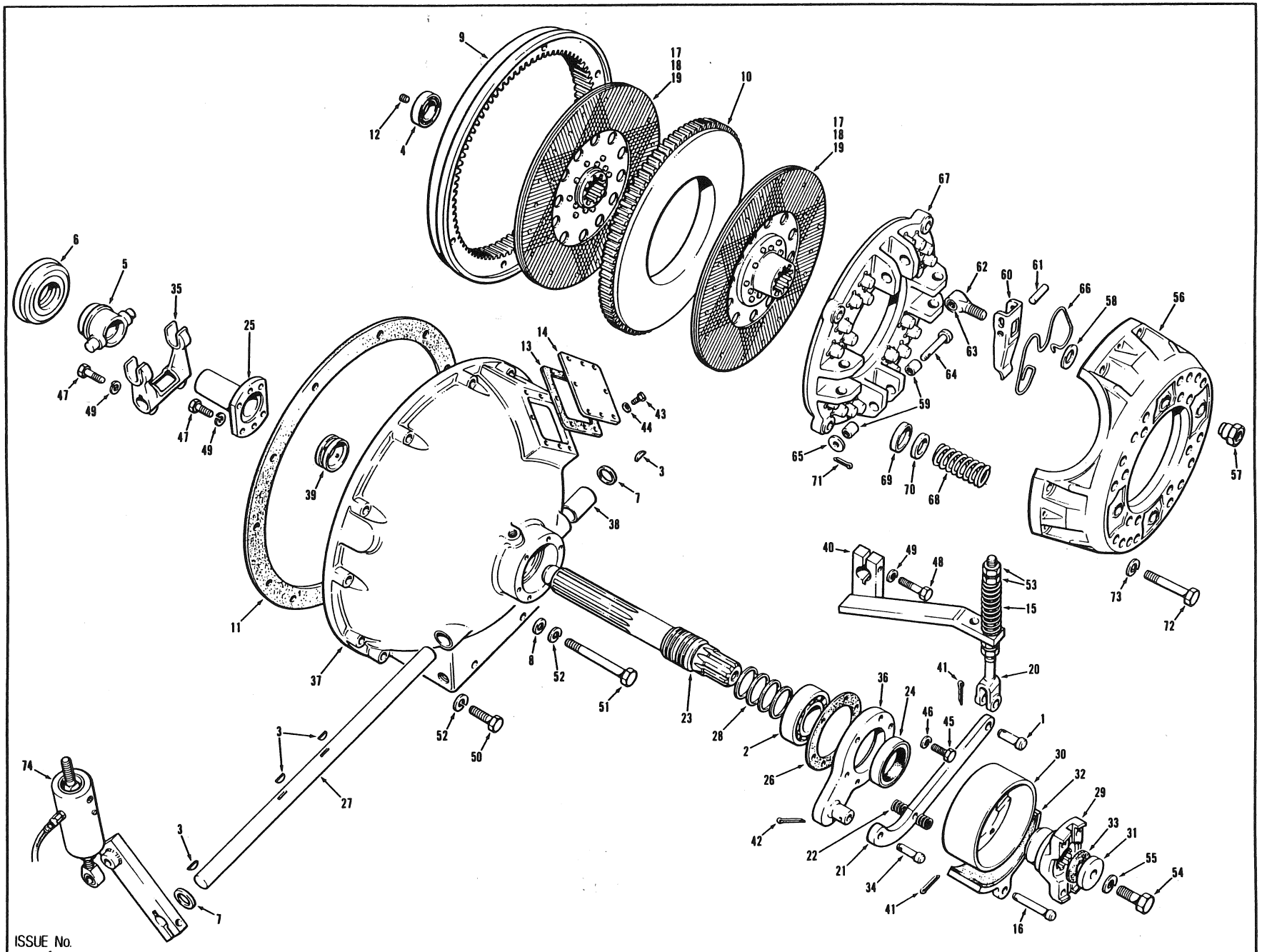
No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	3863	PILOT BEARING	1	
2	3865	THRUST BEARING	1	
3	5202	OIL SEAL	2	
4	5770-2	PIPE PLUG	1	
5	16936	YOKE	1	
6	18916	YOKE	1	
7	25285	GASKET	1	
8	32891	BUSHING	2	
9	*59608	CLUTCH SHAFT	1	
10	*59538	SEAL	2	
11	37817	BEARING	1	
12	37819	BEARING	2	
13	37820	SLEEVE	1	
14	37919	RETAINING WASHER	1	
15	*59507	CLUTCH HOUSING	1	
16	48389	COVER	1	
17	48740	SHAFT	1	
18	48743	GASKET	1	
19	54531	SCREW FOR ITEM 46	A.R.	
20	19B-287	RETAINER RING	1	
21	19B-393	RETAINER RING	1	
22	20J-0808	KEY	3	
23	50A-0406	BOLT	8	
24	14A-04	LOCKWASHER	8	
25	50A-0610	BOLT	2	
27	14A-06	LOCKWASHER	2	
28	50A-1010	BOLT	1	
29	14A-10	LOCKWASHER	1	
30	350A-10060	BOLT	10	
31	314A-10	LOCKWASHER	10	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	37677	**CLUTCH ASSEMBLY** - INCLUDES ITEMS 32 to 51	1	
32	49990	DRIVE RING	1	
	49984	**DISC & HUB ASSEMBLY** - INCLUDES ITEMS 33 to 38	1	
33	37170	INNER DISC	4	
34	37172	WASHER	3	
35	49986	SPLINED HUB	1	
36	49987	OUTER DISC	3	
37	49988	RIVET	3	
38	49989	RETAINER	1	
	49985	**COVER ASSEMBLY** - INCLUDES ITEMS 39 to 47	1	
39	37174	PRESSURE PLATE	1	
40	37177	PIVOT BLOCK	3	
41	37178	PIVOT PIN	3	
42	37179	ANTI-RATTLE SPRING	3	
43	37180	LEVER PIN	3	
44	37181	SPRING	15	
45	37182	BACK PLATE	1	
46	49991	**LEVER ASSEMBLY** - C/W SCREW	3	
	53249	**REPAIR KIT FOR 49991** - LEVER ASSEMBLY - INCLUDES ITEMS 43, 47 & 50	1per	
47	13A-0312	COTTER PIN	3	
48	50A-0626	BOLT	8	
49	14A-06	LOCKWASHER	8	
50	14C-06	FLATWASHER	3	
51	14J-10	WASHER	3	
52	31D-10	JAM NUT	3	
53		**SLAVE CYLINDER ASSEMBLY**	REF.	Sect 5 Pg 6

EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 5 PAGE 3
SECCION PAGINA



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1

CLUTCH ASSEMBLY - MODEL 740 THRU 760

NOVEMBER 1984

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

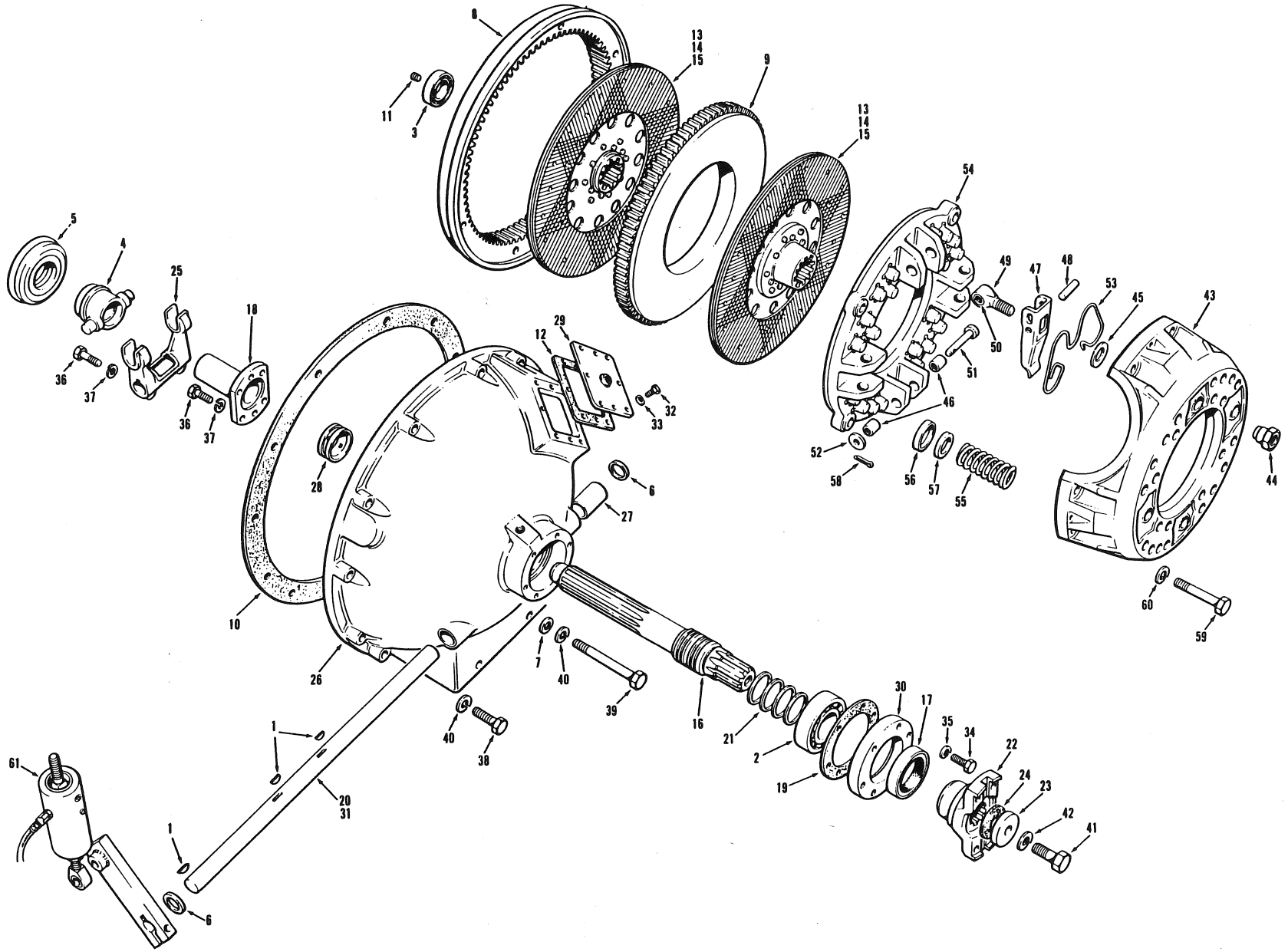
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

CLUTCH ASSEMBLY - MODEL 740 THRU 760

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	665	CLEVIS PIN	1	
2	3546	BEARING	1	
3	3860	KEY	4	
4	3863	BEARING	1	
5	3864	SLEEVE	1	
6	3865	BEARING	1	
7	5202	OIL SEAL	2	
8	5459	WASHER	2	
9	5674	CLUTCH ADAPTER	1	
10	5675	SPACER	1	
11	5722	GASKET	1	
12	5770-2	PIPE PLUG	1	
13	6680	GASKET	1	
14	6776	COVER	1	
15	8065	SPRING	1	
16	8480	CLEVIS PIN	1	
17	9702	DRIVEN MEMBER - C/W ITEMS 18 & 19	2	
18	10310	CORK LINING	2	
19	10311	RIVET	30	
20	10810	CLEVIS ROD	1	
21	10811	BRAKE ARM	1	
22	10814	SPRING	2	
23	12938	SHAFT	1	
24	12941	OUTER SEAL	1	
25	12942	BEARING GUIDE	1	
26	12948	GASKET	1	
27	12952	SHAFT	1	
28	16496	SEALING RING	4	
29	16936	YOKE	1	
30	17774	BRAKE DRUM	1	
31	17775	RETAINING WASHER	1	
32	17803	BRAKE SHOE	1	
33	17973	GASKET	1	
34	18034	CLEVIS PIN	1	
35	18916	YOKE	1	
36	26378	SEAL HOUSING	1	
37	40322	BELL HOUSING - C/W ITEMS 38 & 39	1	
38	32891	BUSHING	2	
39	40472	SLEEVE	1	
40	40713	LEVER ARM	1	
41	13A-0316	COTTER PIN	2	
42	13A-0324	COTTER PIN	1	
43	50A-0406	BOLT	8	
44	14A-04	LOCKWASHER	8	
45	50A-0508	BOLT	6	
46	14A-05	LOCKWASHER	6	
47	50A-0610	BOLT	6	
48	50A-0612	BOLT	1	
49	14A-06	LOCKWASHER	7	
50	50A-0718	BOLT	8	
51	50A-0744	BOLT	2	
52	14A-07	LOCKWASHER	10	
53	31A-08	NUT	4	
54	50A-1010	BOLT	1	
55	14A-10	LOCKWASHER	1	
	5607	CLUTCH COVER ASSY. - INCLUDES ITEMS 56 TO 71	1	
56		BACK PLATE (ONLY AVAILABLE WITH ASSY.)	1	
57	1125-2	ADJUSTING NUT	4	
58	1125-3	WASHER	4	
59	1125-5	BEARING	8	
69	1125-6	LEVER	4	
61	1125-7	PIVOT PIN	4	
62	1125-8	EYE BOLT ASSY. - C/W ITEM 63	4	
63	1125-9	BEARING	4	
64	1125-11	PIN	4	
65	1125-12	WASHER	4	
66	1125-14	ANTI-RATTLE SPRING	4	
67	3870	PRESSURE PLATE - C/W ITEM 59	1	
68	3873	SPRING	24	
69	3878	RETAINER WASHER	24	
70	3879	INSULATING WASHER	24	
71	13A-0416	COTTER PIN	4	
72	50A-0828	BOLT	8	
73	14A-08	LOCKWASHER	8	
	1125-15	LEVER KIT - INCLUDES ITEMS 60 TO 63 (ONE OF EACH)	A.R.	
74		SLAVE CYLINDER ASSEMBLY	REF.	SECTION 5 PAGES 5/6

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS



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Nº D'ÉMISSION
Nº DE EDICION **2 REVISION C**

CLUTCH ASSEMBLY - MODEL 740 THRU 780A

MARCH 1989

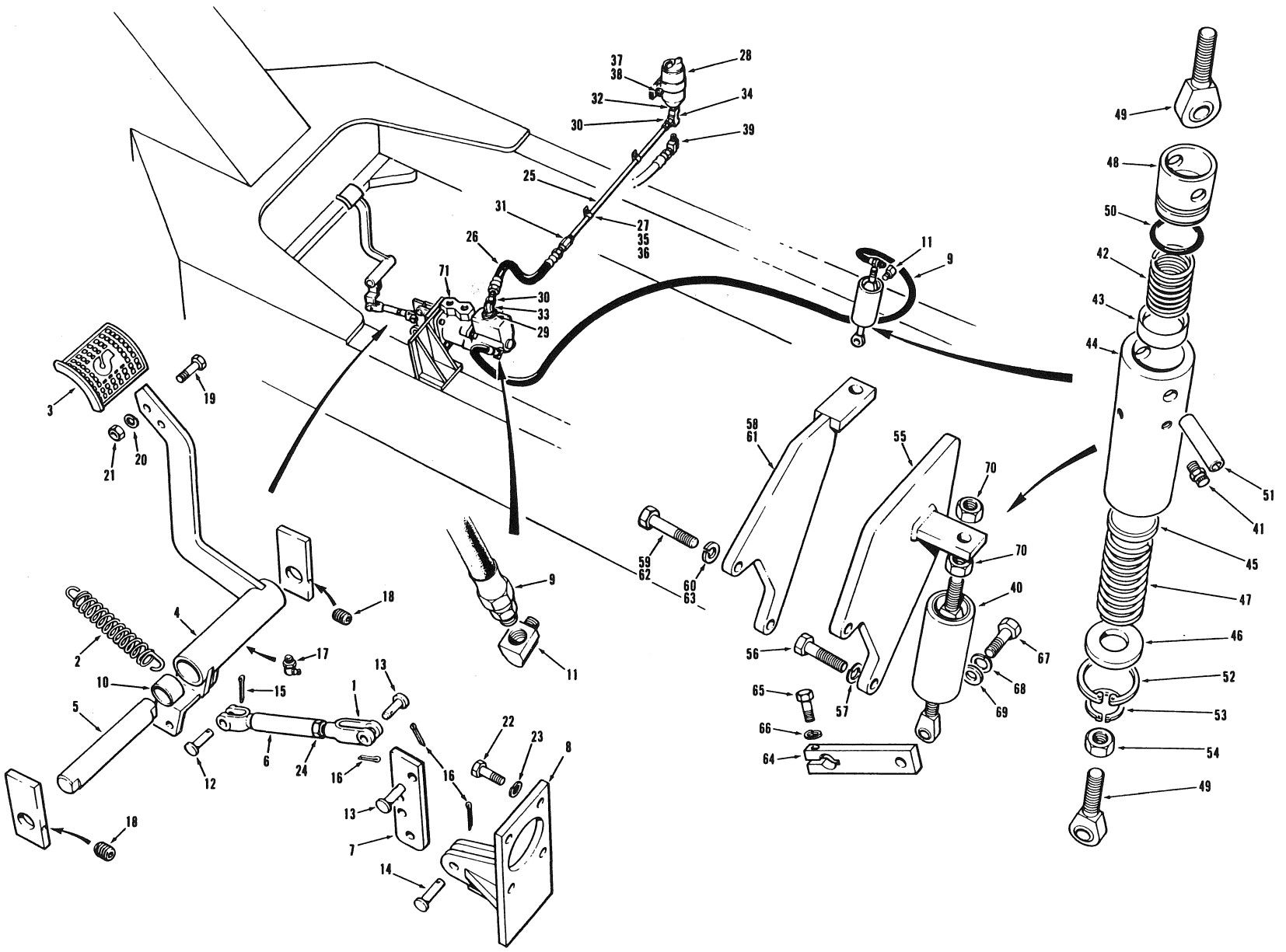
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

SECTION / SECCION 5 | PAGE / PAGINA 4 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 2 REVISION C

CLUTCH ASSEMBLY - MODEL 740 THRU 780A

MARCH 1989

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	20J-0808	KEY	3	
2	3546	BEARING	1	
3	3863	BEARING	1	
4	3864	SLEEVE	1	
5	3865	BEARING	1	
6	5202	OIL SEAL	2	
7	5459	WASHER	2	
8	5674	CLUTCH ADAPTER	1	
9	5675	SPACER	1	
10	5722	GASKET	1	
11	5770-2	PIPE PLUG - SPECIAL	1	
12	6680	GASKET	1	
13	9702	DRIVEN MEMBER - C/W ITEMS 14 & 15	2	
14	10310	CORK LINING	2	
15	10311	RIVET	30	
16	12938	SHAFT	1	
17	12941	OUTER SEAL	1	
18	12942	BEARING GUIDE	1	
19	12948	GASKET	1	S/N 16561 & 16562
20	12952	SHAFT	1	U.S. S/N 2178-2 UP TO 2272-2
21	16496	SEALING RING	4	
22	16936	YOKE	1	
23	17775	RETAINING WASHER	1	
24	17973	GASKET	1	
25	18916	YOKE	1	
26	48448	BELL HOUSING - C/W ITEMS 27 & 28	1	
27	32891	BUSHING	2	
28	40472	SLEEVE	1	
29	41541	COVER	1	
30	41565	SEAL HOUSING	1	
31	41569	SHAFT	1	S/N 16563 & UP U.S. S/N 2273-2 & UP
32	50A-0406	BOLT	8	
33	14A-04	LOCKWASHER	8	
34	50A-0508	BOLT	6	
35	14A-05	LOCKWASHER	6	
36	50A-0610	BOLT	6	
37	14A-06	LOCKWASHER	6	
38	50A-0718	BOLT	8	
39	50A-0744	BOLT	2	
40	14A-07	LOCKWASHER	10	
41	50A-1010	BOLT	1	
42	14A-07	LOCKWASHER	1	
	5607	CLUTCH COVER ASSY. - INCLUDES ITEMS 43 TO 58	1	
43		BACK PLATE (ONLY AVAILABLE WITH ASSY.)	1	
44	1125-2	ADJUSTING NUT	4	
45	1125-3	WASHER	4	
46	1125-5	BEARING	8	
47	1125-6	LEVER	4	
48	1125-7	PIVOT PIN	4	
49	1125-8	EYE BOLT ASSY. - C/W ITEM 50	4	
50	1125-9	BEARING	4	
51	1125-11	PIN	4	
52	1125-12	WASHER	4	
53	1125-14	ANTI-RATTLE SPRING	4	
54	3870	PRESSURE PLATE - C/W ITEM 46	1	
55	3873	SPRING	24	
56	3878	RETAINER WASHER	24	
57	3879	INSULATING WASHER	24	
58	13A-0416	COTTER PIN	4	
59	50A-0828	BOLT	8	
60	14A-08	LOCKWASHER	8	
	1125-15	LEVER KIT - INCLUDES ITEMS 47 TO 50 (ONE OF EACH)	A.R.	
61		SLAVE CYLINDER ASSEMBLY	REF.	SECTION 5 PAGE 6



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

CLUTCH PEDAL, SLAVE CYLINDER & CIRCUIT

MAY 1987

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EFFECTIVE SERIAL NUMBER(S) 16224,16245 UP TO 16562
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 UP TO 2269-2

700 SERIES
SERIE 700

SECTION 5 PAGE 5
SECCION 5 PAGINA 5

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

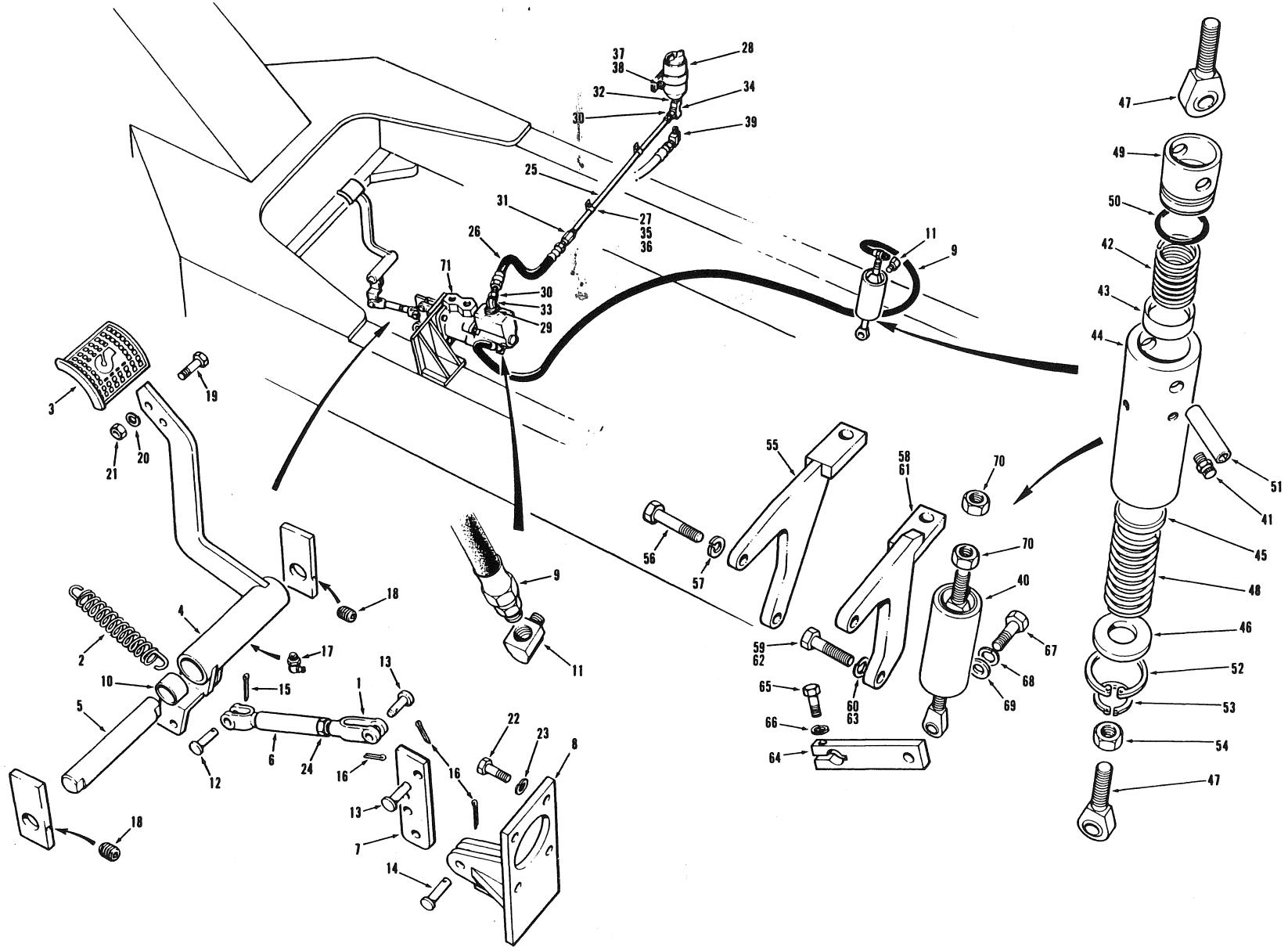
SECTION / SECCION 5 | PAGE / PAGINA 6 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 1 REVISION A

CLUTCH PEDAL, SLAVE CYLINDER & CIRCUIT

MAY 1987

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	602	CLEVIS	1	
2	670	SPRING	1	
3	28647	PAD	1	
4	28741	LEVER	1	
5	28744	SHAFT	1	
6	32418	ROD	1	
7	32420	WALKING BEAM	1	
8	32421	PIVOT MOUNT	1	
9	32579 X 60	HOSE	1	
10	32824	BUSHING	2	
11	100J-0402	ELBOW	2	
12	*10A-0618	CLEVIS PIN	1	
13	10A-0820	CLEVIS PIN	2	
14	10A-0828	CLEVIS PIN	1	
15	13A-0316	COTTER PIN	1	
16	13A-0420	COTTER PIN	3	
17	29F-01	GREASE FITTING	1	
18	70B-0405	SET SCREW	2	
19	50A-0614	BOLT	2	
20	14A-06	LOCKWASHER	2	
21	30A-06	NUT	2	
22	50A-0718	BOLT	4	
23	14A-07	LOCKWASHER	4	
24	31D-08	NUT	1	
		MASTER CYLINDER RESERVOIR INSTALLATION		
25	18390	TUBE	1	
26	24223 X 17	HOSE	1	
27	25168	CLIP	2	
28	28958	AUXILIARY RESERVOIR	1	
29	28959	FILLER CAP	1	
30	100D-0402	CONNECTOR	2	
31	100G-0404	UNION	1	
32	103L-02	NIPPLE	1	
33	103N-02	ELBOW	1	
34	103T-02	TEE	1	
35	14A-04	LOCKWASHER	2	
36	30A-04	NUT	2	
37	14A-06	LOCKWASHER	1	
38	30A-06	NUT	1	
39		BRAKE CIRCUIT	REF.	SECTION 9 PAGE 8

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		SLAVE CYLINDER INSTALLATION		
40	*43322	SLAVE CYLINDER ASSY. - INCLUDES ITEMS 41 TO 54	1	
41	7794	AIR VENT	1	
42	8314	SPRING	1	
43	*43131	PISTON CUP	1	
44	17777	BARREL	1	
45	17778	PISTON	1	
46	17780	GUIDE	1	
47	17974	SPRING	1	
48	19834	CYLINDER HEAD	1	
49	*17837	BALL JOINT	2	
50	12A-218	O RING	1	
51	13C-1636	ROLL PIN	1	
52	19B-175	SNAP RING	1	
53	19C-087	SNAP RING	1	
54	31D-08	NUT	1	
55	19832	BRACKET	1	MODEL 740, 740A & 760
56	50A-0722	BOLT	2	
57	14A-07	LOCKWASHER	2	
58	40115	BRACKET	1	MODEL 720 THRU 730A
59	50A-0624	BOLT	2	
60	14A-06	LOCKWASHER	2	
61	40115	BRACKET	1	710/710A
62	*350A-10075	BOLT	2	
63	*314A-10	LOCKWASHER	2	
64	32538	ARM	1	
65	50A-0612	BOLT	1	
66	14A-06	LOCKWASHER	1	
67	50A-0820	BOLT	1	
68	14A-08	LOCKWASHER	1	
69	14C-08	FLATWASHER	1	
70	31D-08	NUT	2	
71		CLUTCH MASTER CYLINDER ASSEMBLY	REF.	SECTION 5 PAGE 8



EFFECTIVE SERIAL NUMBER(S) 16563 UP TO 16805
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2270-2 UP TO 2418-2

700 SERIES
SERIE 700

SECTION 5 PAGE 5
SECCION 5 PAGINA 5

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION A

CLUTCH PEDAL, SLAVE CYLINDER & CIRCUIT

MAY 1987

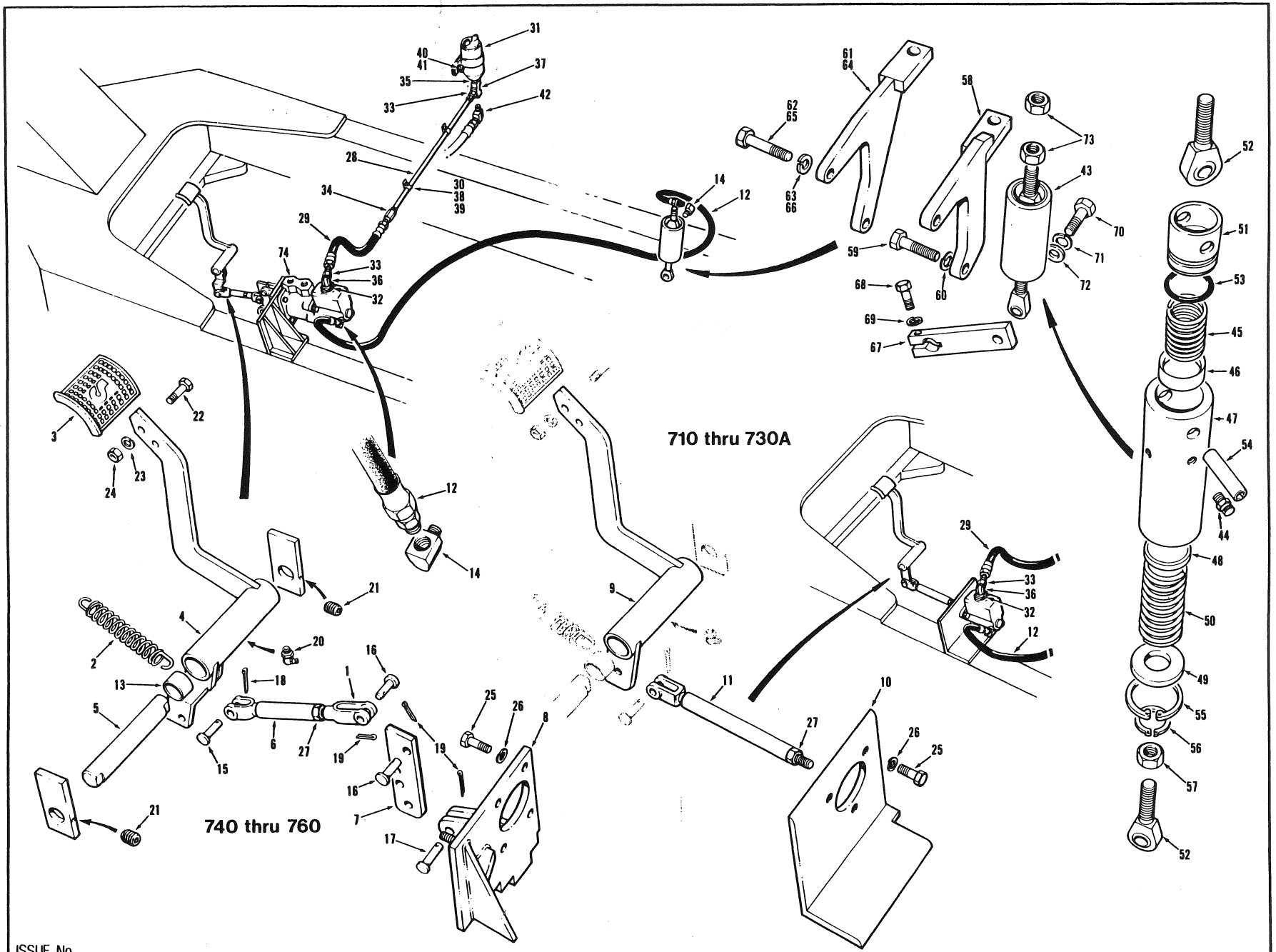
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

SECTION / SECCION 5 — PAGE / PAGINA 6 — ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 2 REVISION A

CLUTCH PEDAL, SLAVE CYLINDER & CIRCUIT

MAY 1987

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	602	CLEVIS	1	
2	670	SPRING	1	
3	28647	PAD	1	
4	28741	LEVER	1	
5	28744	SHAFT	1	
6	32418	ROD	1	
7	32420	WALKING BEAM	1	
8	32421	PIVOT MOUNT	1	
9	32579 X 60	HOSE	1	
10	32824	BUSHING	2	
11	100J-0402	ELBOW	2	
12	*10A-0618	CLEVIS PIN	1	
13	10A-0820	CLEVIS PIN	2	
14	10A-0828	CLEVIS PIN	1	
15	13A-0316	COTTER PIN	1	
16	13A-0420	COTTER PIN	3	
17	29F-01	GREASE FITTING	1	
18	70B-0405	SET SCREW	2	
19	50A-0614	BOLT	2	
20	14A-06	LOCKWASHER	2	
21	30A-06	NUT	2	
22	50A-0718	BOLT	4	
23	14A-07	LOCKWASHER	4	
24	31D-08	NUT	1	
		MASTER CYLINDER RESERVOIR INSTALLATION		
25	18390	TUBE	1	
26	24223 X 17	HOSE	1	
27	25168	CLIP	2	
28	28958	AUXILIARY RESERVOIR	1	
29	28959	FILLER CAP	1	
30	100D-0402	CONNECTOR	2	
31	100G-0404	UNION	1	
32	103L-02	NIPPLE	1	
33	103N-02	ELBOW	1	
34	103T-02	TEE	1	
35	14A-04	LOCKWASHER	2	
36	30A-04	NUT	2	
37	14A-06	LOCKWASHER	1	
38	30A-06	NUT	1	
39		BRAKE CIRCUIT	REF.	SECTION 9 PAGE 8
		SLAVE CYLINDER INSTALLATION		
40	*43322	SLAVE CYLINDER ASSY. - INCLUDES ITEMS 41 TO 54	1	
41	7794	AIR VENT	1	
42	8314	SPRING	1	
43	*43131	PISTON CUP	1	
44	17777	BARREL	1	
45	17778	PISTON	1	
46	17780	GUIDE	1	
47	17837	BALL JOINT	2	
48	17974	SPRING	1	
49	19834	CYLINDER HEAD	1	
50	12A-218	O RING	1	
51	13C-1636	ROLL PIN	1	
52	19B-175	SNAP RING	1	
53	19C-087	SNAP RING	1	
54	31D-08	NUT	1	
55	*41558	BRACKET	1	MODEL 740, 740A & 760
56	50A-0722	BOLT	2	MODEL 740, 740A & 760
57	14A-07	LOCKWASHER	2	MODEL 740, 740A & 760
58	*41559	BRACKET	1	MODEL 720 THRU 730A
59	50A-0624	BOLT	2	MODEL 720 THRU 730A
60	14A-06	LOCKWASHER	2	MODEL 720 THRU 730A
61	*41559	BRACKET	1	710/710A
62	*350A-10075	BOLT	2	710/710A
63	*314A-10	LOCKWASHER	2	710/710A
64	32538	ARM	1	
65	50A-0612	BOLT	1	
66	14A-06	LOCKWASHER	1	
67	50A-0820	BOLT	1	
68	14A-08	LOCKWASHER	1	
69	14C-08	FLATWASHER	1	
70	31D-08	NUT	2	
71		CLUTCH MASTER CYLINDER ASSEMBLY	REF.	SECTION 5 PAGE 8



EFFECTIVE SERIAL NUMBER(S) 16806 UP TO 17048
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2419-2 UP TO 2514-2

700 SERIES
SERIE 700

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SECCION 5 PAGINA 5

ISSUE No.
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CLUTCH PEDAL, SLAVE CYLINDER & CIRCUIT

MAY 1987

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SECTION 5 | PAGE 6 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 3 REVISION A

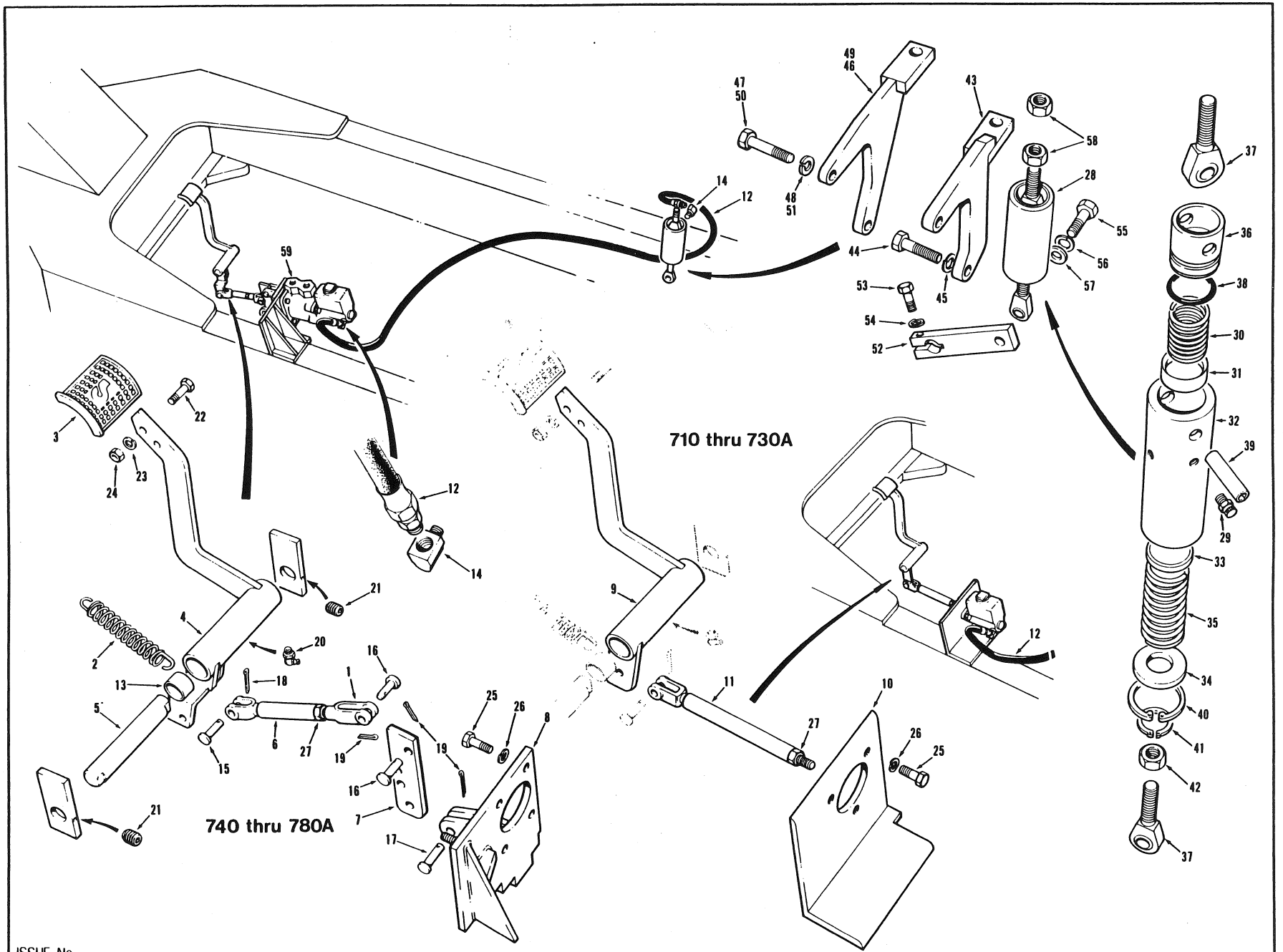
CLUTCH PEDAL, SLAVE CYLINDER & CIRCUIT

MAY 1987

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	602	CLEVIS	1	740 & 760
2	670	SPRING	1	
3	28647	PAD	1	
4	28741	LEVER	1	740 & 760
5	28744	SHAFT	1	
6	32418	ROD	1	
7	32420	WALKING BEAM	1	740 & 760
8	40520	PIVOT MOUNT	1	
9	41968	LEVER	1	
10	41969	PIVOT MOUNT	1	710, 720 & 730
11	41974	ROD	1	
12	32579 X 60	HOSE	1	
13	32824	BUSHING	2	
14	100J-0402	ELBOW	2	
15	*10A-0618	CLEVIS PIN	1	
16	10A-0820	CLEVIS PIN	2	740 & 760
17	10A-0828	CLEVIS PIN	1	
18	13A-0316	COTTER PIN	1	
19	13A-0420	COTTER PIN	3	740 & 760
20	29F-01	GREASE FITTING	1	
21	70F-0405	SET SCREW	2	
22	50A-0614	BOLT	2	
23	14A-06	LOCKWASHER	2	
24	30A-06	NUT	2	
25	50A-0718	BOLT	4	
26	14A-07	LOCKWASHER	4	
27	31D-08	NUT	1	
		MASTER CYLINDER RESERVOIR INSTALLATION		
28	*800	TUBE	1	
29	24223X17	HOSE	1	
30	25168	CLIP	2	
31	28958	AUXILIARY RESERVOIR	1	
32	28959	FILLER CAP	1	
33	100D-0402	CONNECTOR	2	
34	100G-0404	UNION	1	
35	103L-02	NIPPLE	1	
36	103N-02	ELBOW	1	
37	103T-02	TEE	1	
38	14A-04	LOCKWASHER	2	
39	30A-04	NUT	2	
40	14A-06	LOCKWASHER	1	
41	30A-06	NUT	1	
42		BRAKE CIRCUIT	REF.	SECTION 9 PAGE 8

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		SLAVE CYLINDER INSTALLATION		
43	*43322	SLAVE CYLINDER ASSY.- INCLUDES ITEMS 44 TO 57	1	
44	7794	AIR VENT	1	
45	8314	SPRING	1	
46	*43131	PISTON CUP	1	
47	17777	BARREL	1	
48	17778	PISTON	1	
49	17780	GUIDE	1	
50	17974	SPRING	1	
51	19834	CYLINDER HEAD	1	
52	*17837	BALL JOINT	2	
53	12A-218	O RING	1	
54	13C-1636	ROLL PIN	1	
55	19B-175	SNAP RING	1	
56	19C-087	SNAP RING	1	
57	31D-08	NUT	1	
58	41558	BRACKET	1	
59	50A-0722	BOLT	2	MODEL 740
60	14A-07	LOCKWASHER	2	740A & 760
61	41559	BRACKET	1	
62	50A-0624	BOLT	2	MODEL 720
63	14A-06	LOCKWASHER	2	THRU 730A
64	41559	BRACKET	1	
65	*350A-10075	BOLT	2	710/710A
66	*314A-10	LOCKWASHER	2	
67	32538	ARM	1	
68	50A-0612	BOLT	1	
69	14A-06	LOCKWASHER	1	
70	50A-0820	BOLT	1	
71	14A-08	LOCKWASHER	1	
72	14C-08	FLATWASHER	1	
73	31D-08	NUT	2	
74		CLUTCH MASTER CYLINDER ASSEMBLY	REF.	SECTION 5 PAGE 8

EFFECTIVE SERIAL NUMBER(S) 17049 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2515-2 & UP



700 SERIES
SERIE 700

SECTION 5
SECCION 5
PAGE 5
PAGINA 5

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Nº DE EDICION 4 REVISION A

INCHING/CLUTCH PEDAL, SLAVE CYLINDER & CIRCUIT

APRIL 1987

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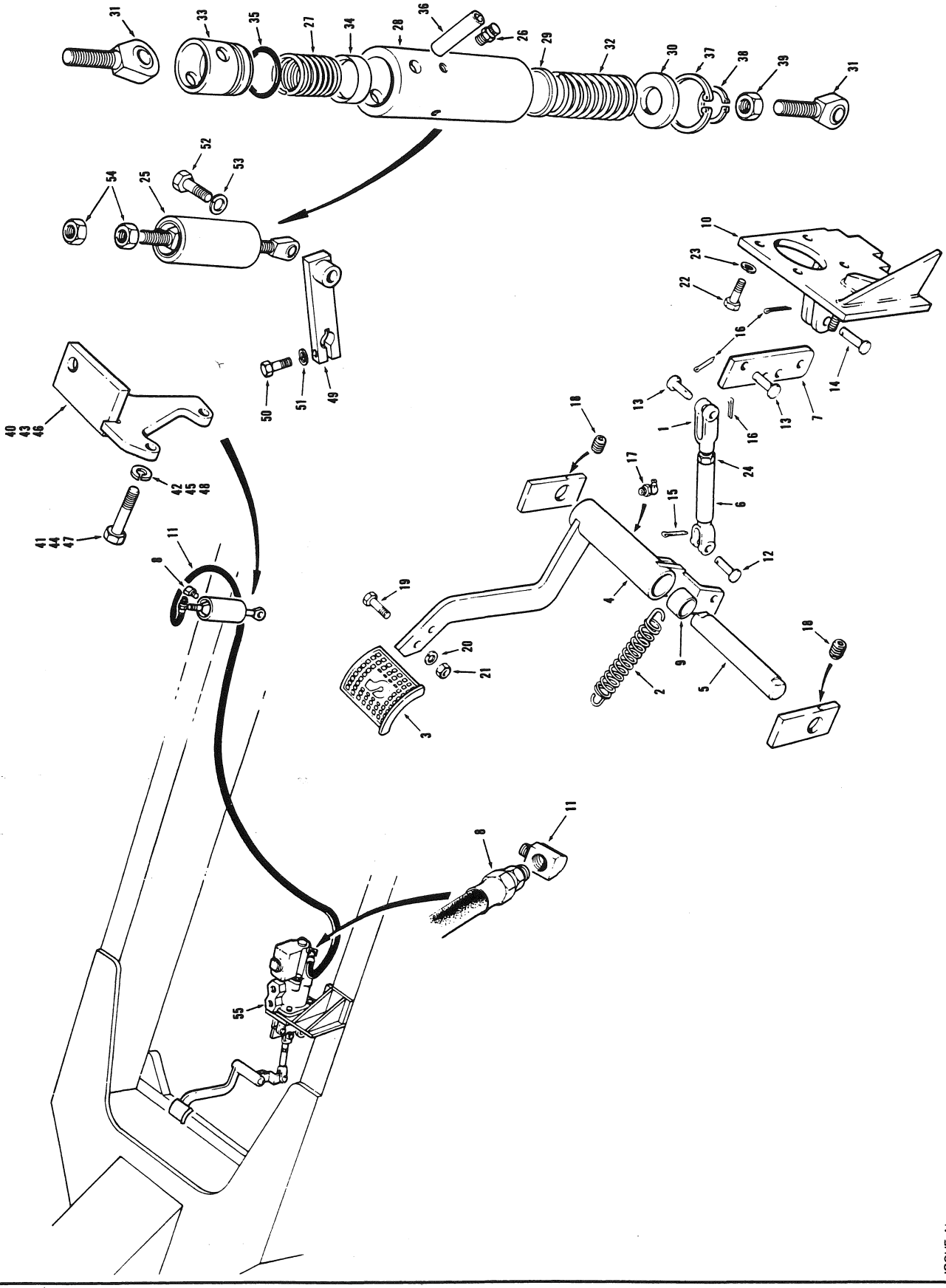
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INCHING/CLUTCH PEDAL, SLAVE CYLINDER & CIRCUIT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	602	CLEVIS	1	740 THRU 780A
2	670	SPRING	1	
3	28647	PAD	1	
4	28741	LEVER	1	740 THRU 780A
5	28744	SHAFT	1	
6	32418	ROD	1	740 THRU 780A
7	32420	WALKING BEAM	1	
8	40520	PIVOT MOUNT	1	
9	41968	LEVER	1	710 THRU & 730A
10	41969	PIVOT MOUNT	1	
11	41974	ROD	1	
12	32579 X 60	HOSE	1	
13	32824	BUSHING	2	
14	100J-0402	ELBOW	2	
15	*10A-0618	CLEVIS PIN	1	
16	10A-0820	CLEVIS PIN	2	740 THRU 780A
17	10A-0828	CLEVIS PIN	1	
18	13A-0316	COTTER PIN	1	
19	13A-0420	COTTER PIN	3	740 THRU 780A
20	29F-01	GREASE FITTING	1	
21	70B-0405	SET SCREW	2	
22	*50A-0612	BOLT	2	
23	14A-06	LOCKWASHER	2	
24	30A-06	NUT	2	
25	50A-0718	BOLT	4	
26	14A-07	LOCKWASHER	4	
27	31D-08	NUT	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		SLAVE CYLINDER INSTALLATION		
28	43322	SLAVE CYLINDER ASSY.- INCLUDES ITEMS 29 to 42	1	
29	7794	AIR VENT	1	
30	8314	SPRING	1	
31	43131	PISTON CUP	1	
32	17777	BARREL	1	
33	17778	PISTON	1	
34	17780	GUIDE	1	
35	17974	SPRING	1	
36	19834	CYLINDER HEAD	1	
37	17837	BALL JOINT	2	
38	12A-218	O RING	1	
39	*13C-1636	ROLL PIN	1	
40	19B-175	SNAP RING	1	
41	19C-087	SNAP RING	1	
42	31D-08	NUT	1	
43	41558	BRACKET	1	MODEL 740 THRU 780A
44	50A-0722	BOLT	2	
45	14A-07	LOCKWASHER	2	
46	41559	BRACKET	1	MODEL 720 THRU 730A
47	50A-0624	BOLT	2	
48	14A-06	LOCKWASHER	2	
49	41559	BRACKET	1	710/710A
50	*350A-10075	BOLT	2	
51	314A-10	LOCKWASHER	2	
52	32538	ARM	1	
53	50A-0612	BOLT	1	
54	14A-06	LOCKWASHER	1	
55	50A-0820	BOLT	1	
56	14A-08	LOCKWASHER	1	
57	14C-08	FLATWASHER	1	
58	31D-08	NUT	2	
59		CLUTCH MASTER CYLINDER ASSEMBLY	REF.	SECTION 5 PAGE 8

CHAMPION ROAD MACHINERY



CLUTCH PEDAL, SLAVE CYLINDER & CIRCUIT

MARCH 1989

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Nº DE EDICION 5

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EFFECTIVE SERIAL NUMBER(S) Models 710 thru 730A: 19340 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S) Models 740 thru 780A: 19651 & UP
NUMERO(S) DE SERIE EFECTIVO(S)

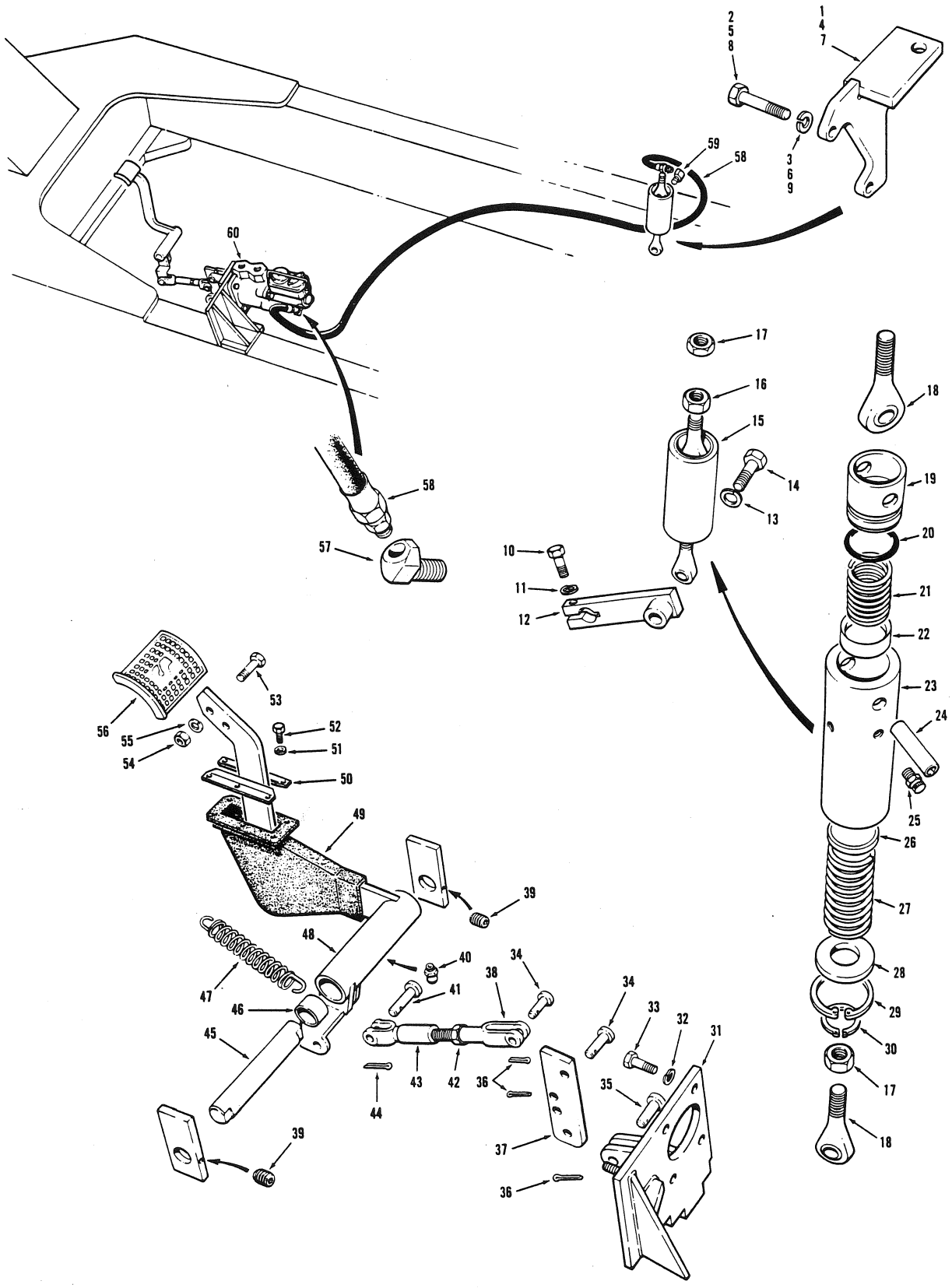
700 SERIES
SERIE 700

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CLUTCH PEDAL, SLAVE CYLINDER & CIRCUIT

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	602	CLEVIS	1	
2	670	SPRING	1	
3	28647	PAD	1	
4	28741	LEVER	1	
5	28744	SHAFT	1	
6	32418	ROD	1	
7	32420	WALKING BEAM	1	
8	32579 X 60	HOSE	1	
9	32824	BUSHING	2	
10	40520	PIVOT MOUNT	1	
11	100J-0402	ELBOW	2	
12	10A-0618	CLEVIS PIN	1	
13	10A-0820	CLEVIS PIN	2	
14	10A-0828	CLEVIS PIN	1	
15	13A-0316	COTTER PIN	1	
16	13A-0420	COTTER PIN	3	
17	29F-01	GREASE FITTING	1	
18	70B-0405	SET SCREW	2	
19	50A-0612	BOLT	2	
20	14A-06	LOCKWASHER	2	
21	30A-06	NUT	2	
22	50A-0718	BOLT	4	
23	14A-07	LOCKWASHER	4	
24	31D-08	NUT	1	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		SLAVE CYLINDER INSTALLATION		
25	43322	SLAVE CYLINDER ASSY. - INCLUDES ITEMS 26 TO 39	1	
26	7794	AIR VENT	1	
27	8314	SPRING	1	
28	17777	BARREL	1	
29	17778	PISTON	1	
30	17780	GUIDE	1	
31	17837	BALL JOINT	2	
32	17974	SPRING	1	
33	19834	CYLINDER HEAD	1	
34	43131	PISTON CUP	1	
35	12A-218	O RING	1	
36	13C-1636	ROLL PIN	1	
37	19B-175	SNAP RING	1	
38	19C-087	SNAP RING	1	
39	31D-08	NUT	1	
40	*48737	BRACKET	1	MODEL 740 THRU 780A
41	50A-0722	BOLT	2	
42	14A-07	LOCKWASHER	2	
43	*48737	BRACKET	1	MODEL 720 THRU 730A
44	*50A-0628	BOLT	2	
45	14A-06	LOCKWASHER	2	
46	*48737	BRACKET	1	710/710A
47	350A-10075	BOLT	2	
48	314A-10	LOCKWASHER	2	
49	*48741	ARM	1	
50	50A-0612	BOLT	1	
51	14A-06	LOCKWASHER	1	
52	50A-0820	BOLT	1	
53	14A-08	LOCKWASHER	1	
54	31A-08	NUT	2	
55		CLUTCH MASTER CYLINDER ASSEMBLY	REF.	SECTION 5 PAGE 8



APRIL 1990

CLUTCH PEDAL, SLAVE CYLINDER & CIRCUIT

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EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20602, 20606 & UP

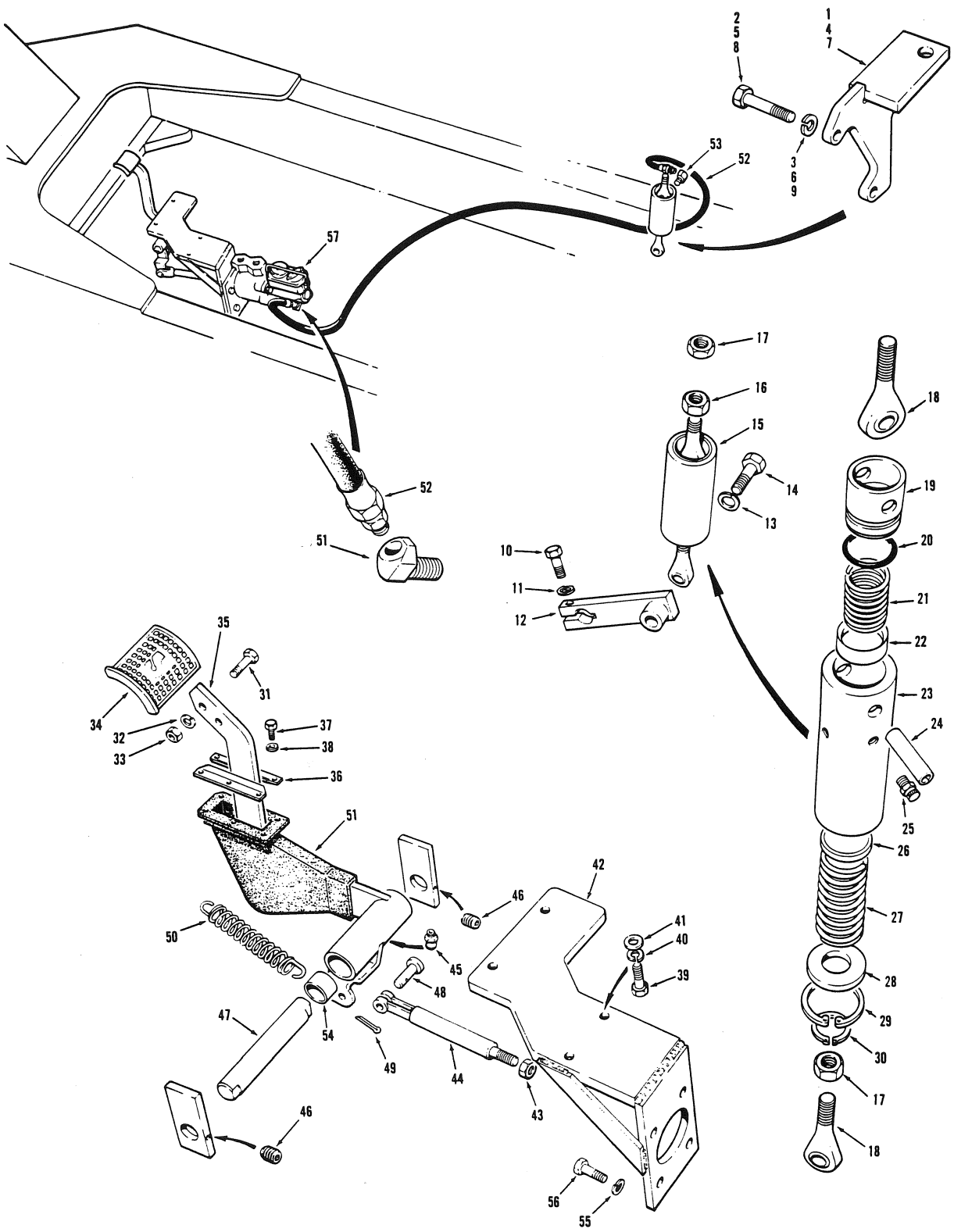
700 SERIES
SERIE 700

SECTION 5 PAGE 5
SECCION PAGINA

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CLUTCH PEDAL, SLAVE CYLINDER & CIRCUIT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	48737	BRACKET	1	
2	50A-0722	BOLT	2	740 thru 780A
3	14A-07	LOCKWASHER	2	
4	48737	BRACKET	1	
5	50A-0628	BOLT	2	720 thru 730A
6	14A-06	LOCKWASHER	2	
7	48737	BRACKET	1	
8	350A-10075	BOLT	2	710/710A
9	314A-10	LOCKWASHER	2	
10	50A-0612	BOLT	1	
11	14A-06	LOCKWASHER	1	
12	48741	ARM	1	
13	14A-08	LOCKWASHER	1	
14	50A-0820	BOLT		
		SLAVE CYLINDER INSTALLATION		
15	43322	SLAVE CYLINDER ASSEMBLY - INCLUDES ITEMS 17 TO 30	1	
16	31A-08	NUT	2	
17	31D-08	NUT	1	
18	*55051	BALL JOINT	2	
19	19834	CYLINDER HEAD	1	
20	12A-218	O RING	1	
21	8314	SPRING	1	
22	43131	PISTON CUP	1	
23	17777	BARREL	1	
24	13C-1636	ROLL PIN	1	
25	7794	AIR VENT	1	
26	17778	PISTON	1	
27	17974	SPRING	1	
28	17780	GUIDE	1	
29	19B-175	SNAP RING	1	
30	19C-087	SNAP RING	1	
31	40520	PIVOT MOUNT	1	
32	14A-07	LOCKWASHER	4	
33	50A-0718	BOLT	4	
34	10A-0820	CLEVIS PIN	2	
35	10A-0828	CLEVIS PIN	1	
36	13A-0420	COTTER PIN	3	
37	32420	WALKING BEAM	1	
38	602	CLEVIS	1	
39	70B-0405	SET SCREW	2	
40	29F-01	GREASE FITTING	1	
41	10A-0618	CLEVIS PIN	1	
42	31D-08	NUT	1	
43	32418	ROD	1	
44	13A-0316	COTTER PIN	1	
45	*48341	SHAFT	1	
46	32824	BUSHING	2	
47	670	SPRING	1	
48	28741	LEVER	1	
49	*51965	RUBBER BOOT	1	
50	*56213	PLATE	2	
51	*14A-04	LOCKWASHER	6	
52	*50A-0406	BOLT	6	
53	50A-0612	BOLT	2	
54	30A-06	NUT	2	
55	14A-06	LOCKWASHER	2	
56	28647	PAD	1	
57	*100H-0402	ELBOW	1	
58	32579 x 60	HOSE	1	
59	100J-0402	ELBOW	1	
60		CLUTCH MASTER CYLINDER ASSEMBLY	REF.	SECTION 5 PAGE 8



CLUTCH PEDAL, SLAVE CYLINDER & CIRCUIT

NOVEMBER 1990

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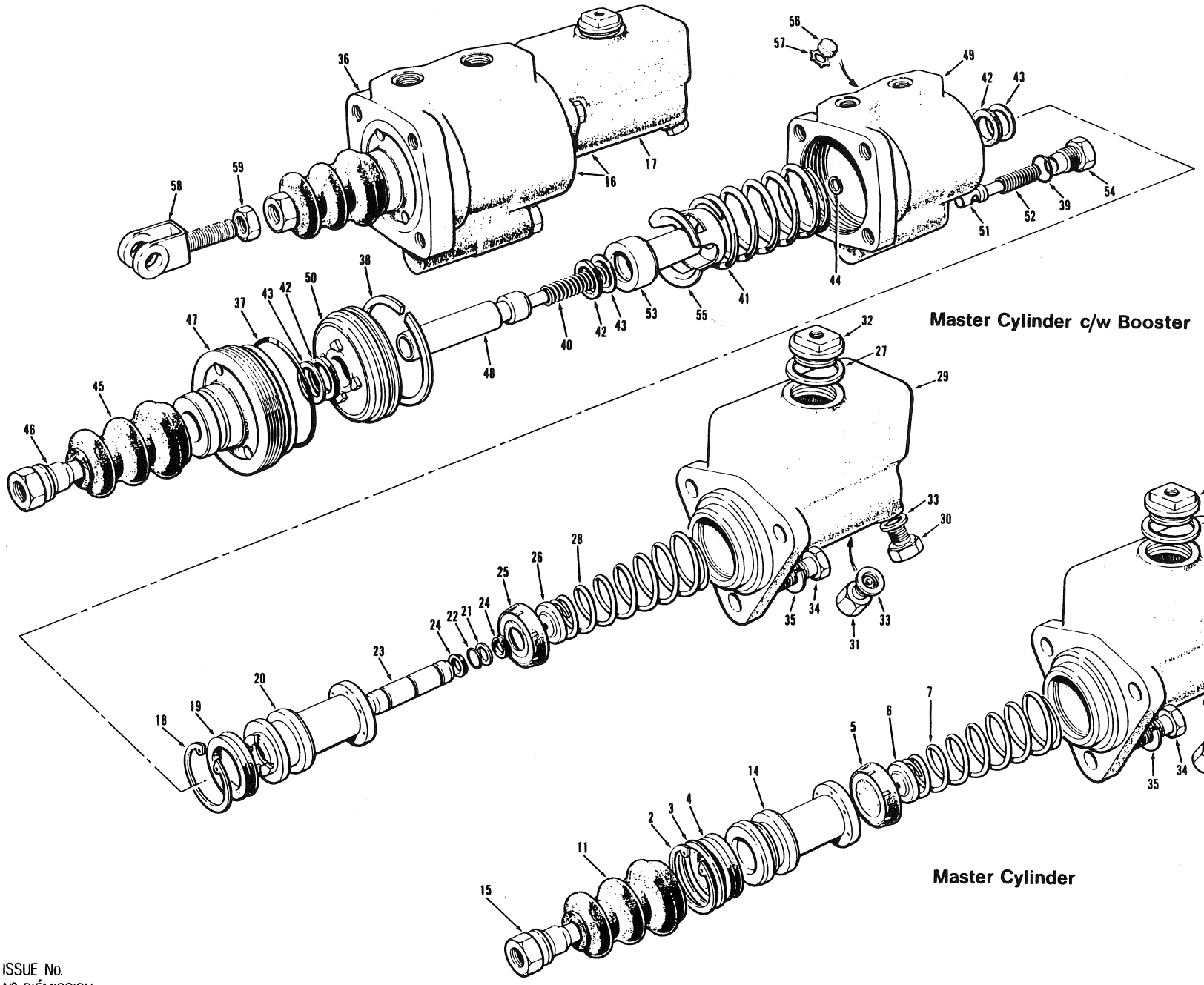
EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21006,21078, 21080, 21082, 21084, 21086, 21088, 21090 & UP

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CLUTCH PEDAL, SLAVE CYLINDER & CIRCUIT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	48737	BRACKET	1	
2	50A-0722	BOLT	2	740 thru 780A
3	14A-07	LOCKWASHER	2	
4	48737	BRACKET	1	
5	50A-0628	BOLT	2	720 thru 730A
6	14A-06	LOCKWASHER	2	
7	48737	BRACKET	1	
8	350A-10075	BOLT	2	710/710A
9	314A-10	LOCKWASHER	2	
10	50A-0612	BOLT	1	
11	14A-06	LOCKWASHER	1	
12	48741	ARM	1	
13	14A-08	LOCKWASHER	1	
14	50A-0820	BOLT		
		SLAVE CYLINDER INSTALLATION		
15	43322	SLAVE CYLINDER ASSEMBLY - INCLUDES ITEMS 17 TO 30	1	
16	31A-08	NUT	2	
17	31D-08	NUT	1	
18	*55051	BALL JOINT	2	
19	19834	CYLINDER HEAD	1	
20	12A-218	O RING	1	
21	8314	SPRING	1	
22	43131	PISTON CUP	1	
23	17777	BARREL	1	
24	13C-1636	ROLL PIN	1	
25	7794	AIR VENT	1	
26	17778	PISTON	1	
27	17974	SPRING	1	
28	17780	GUIDE	1	
29	19B-175	SNAP RING	1	
30	19C-087	SNAP RING	1	
31	50A-0612	BOLT	2	
32	14A-06	LOCKWASHER	2	
33	30A-06	NUT	2	
34	28647	PAD	1	
35	* 56736	LEVER	1	
36	* 56213	PLATE	2	
37	50A-0406	BOLT	6	
38	14A-04	LOCKWASHER	6	
39	* 50A-0810	BOLT	4	
40	* 14A-08	LOCKWASHER	4	
41	* 14C-08	FLATWASHER	4	
42	* 56732	BRACKET	1	
43	31D-08	NUT	1	
44	* 56738	ROD	1	
45	29F-01	GREASE FITTING	1	
46	70B-0405	SET SCREW	2	
47	48341	SHAFT	1	
48	10A-0618	CLEVIS PIN	1	
49	13A-0316	COTTER PIN	1	
50	670	SPRING	1	
51	51965	RUBBER BOOT	1	
52	32579 x 60	HOSE	1	
53	100J-0402	ELBOW	1	
54	32824	BUSHING	2	
55	14A-07	LOCKWASHER	4	
56	50A-0718	BOLT	4	
57		CLUTCH MASTER CYLINDER ASSEMBLY	REF.	SECT 5 PG 7



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

CLUTCH MASTER CYLINDER & BOOSTER ASSEMBLY

JANUARY 1986

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 5 PAGE 7
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

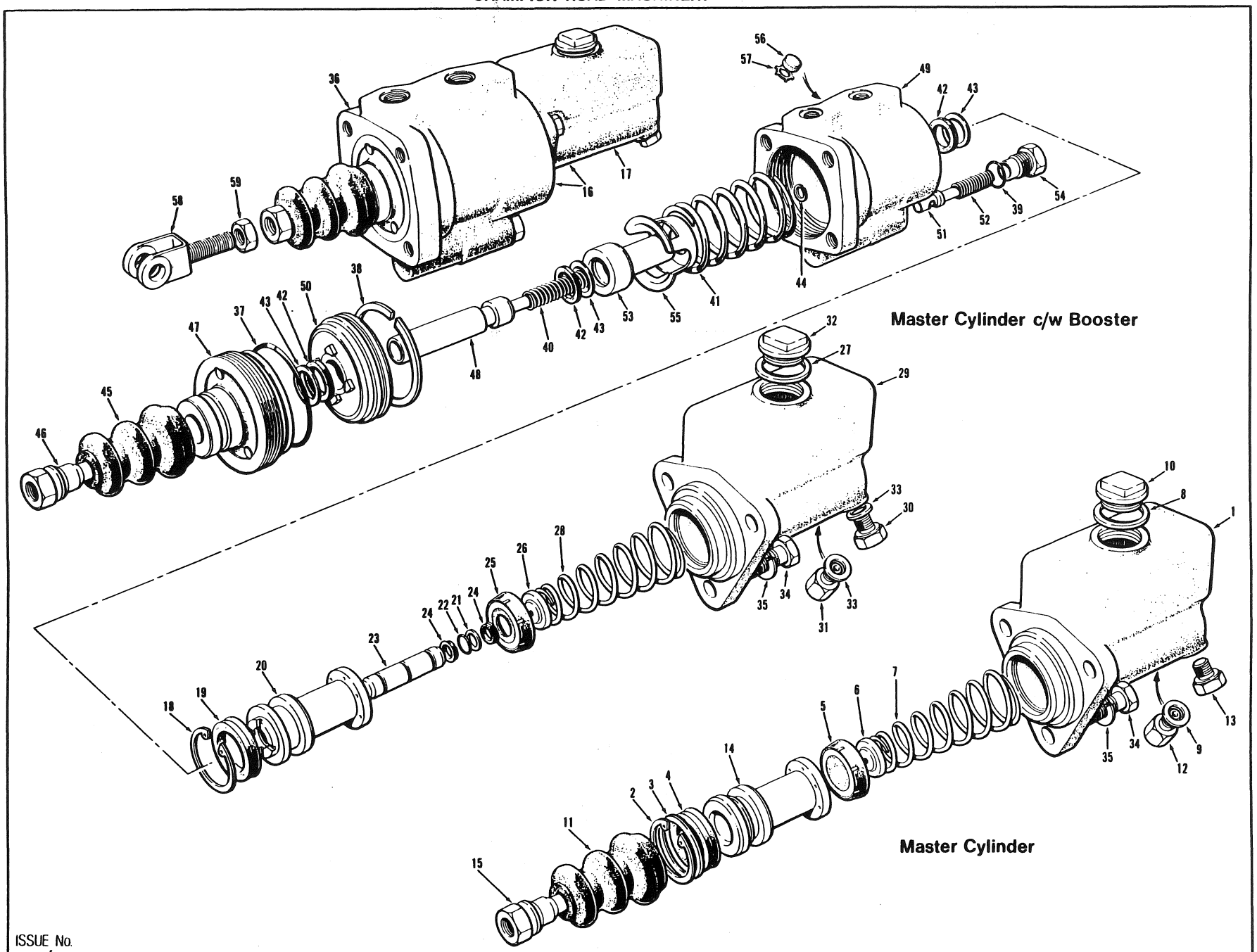
No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		MASTER CYLINDER INSTALLATION		
		*APPLICABLE FOR MODELS 710 THRU 730A SERIAL No.16806 AND UP. U.S. 2419-2 & UP.		
1	*41984	MASTER CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 14	1	
	*43492	REPAIR KIT - INCLUDES ITEMS 2 TO 11	A.R.	
2		RETAINER RING	1	
3		WASHER	1	
4		CUP	1	
5		CUP	1	
6		RETAINER	1	
7		SPRING	1	
8	36499	GASKET - FILLER PLUG	1	
9		GASKET	2	
10	36496	FILLER CAP	1	
11		BOOT	1	
12	*43493	ADAPTOR	1	
13	*43494	CAP SCREW	1	
14	*43495	PISTON	1	
15	*43932	PUSH ROD	1	
		MASTER CYLINDER & BOOSTER INSTALLATION		
		*APPLICABLE FOR MODELS 710 THRU 730A UP TO SERIAL No.16805. U.S. UP TO 2418-2. APPLICABLE FOR MODELS 740 THRU 760 SERIAL No. 16224, 16245 & UP. U.S. 2021-2 & UP.		
16	34601	MASTER CYLINDER & POWER BOOSTER ASSEMBLY INCLUDES ITEMS 17 TO 56	1	
17	36495	MASTER CYLINDER ASSEMBLY - INCLDES ITEMS 17 TO 32		
	33931	REPAIR KIT - MASTER CYL. - INCLUDES ITEMS 17 TO 27 (DISCARD CHECK VALVE AND VALVE SEAT)	A.R.	
18		RETAINING RING	1	
19		CUP	1	
20		PISTON	1	
21		BACK-UP RING	1	
22		O RING	1	
23		PISTON	1	
24		CUP	2	
25		CUP	1	
26		RETAINER	1	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
27	36499	GASKET- FILLER PLUG	1	
28		SPRING	1	
29		HOUSING	1	
30	7844	PLUG	1	
31	8159	CONNECTOR	1	
32	36496	FILLER PLUG	1	
33	105C-1208	WASHER	2	
34	50A-0610	BOLT	3	
35	14A-06	LOCKWASHER	3	
36	36412	POWER BOOSTER ASSEMBLY - INCLUDES ITEMS 37 TO 57	1	
	36494	REPAIR KIT - BOOSTER ASSEMBLY - INCLUDES ITEMS 37 TO 45	A.R.	
37		O RING	1	
38		PISTON RING	1	
39		O RING	1	
40		SPRING	1	
41		SPRING	1	
42		CUP	3	
43		BACK-UP RING	3	
44		RETAINING RING	1	
45	36497	BOOT	1	
46	36498	PUSH ROD	1	
47		END PLUG	1	
48		PISTON	1	
49		HOUSING	1	
50		PISTON	1	
51		VALVE STEM	1	
52		SPRING	1	
53		PISTON	1	
54		END PLUG	1	
55		RETAINER	1	
56		SNUBBER	1	
57		RETAINING RING	1	
58	36463	CLEVIS	1	
59	31D-08	JAM NUT	1	

EFFECTIVE SERIAL NUMBER(S) 17049 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2515-2 & UP

700 SERIES
SERIE 700

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SECCION 5 PAGINA 7



ISSUE No.
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Nº DE EDICION 2 REVISION A

CLUTCH MASTER CYLINDER & BOOSTER ASSEMBLY

JULY 1986

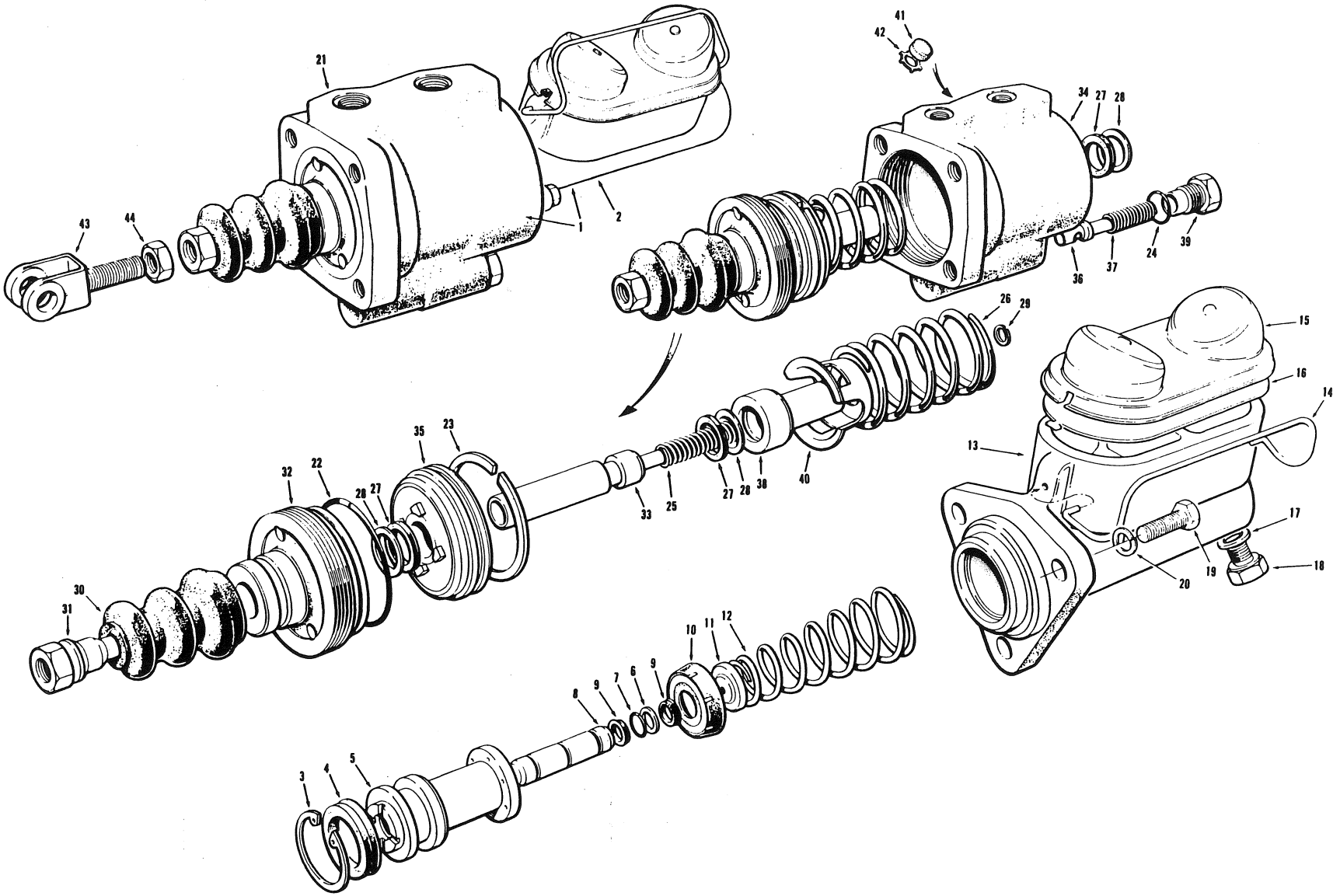
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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

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No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		MASTER CYLINDER INSTALLATION		
		APPLICABLE FOR MODELS 710 THRU 730A		
1	43902	MASTER CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 14	1	
	43492	REPAIR KIT - INCLUDES ITEMS 2 TO 11	A.R.	
2		RETAINER RING	1	
3		WASHER	1	
4		CUP	1	
5		CUP	1	
6		RETAINER	1	
7		SPRING	1	
8	36499	GASKET - VENTED PLUG	1	
9		GASKET	2	
10	43903	VENTED PLUG	1	
11		BOOT	1	
12	43493	ADAPTOR	1	
13	43494	CAP SCREW	1	
14	43495	PISTON	1	
15	43932	PUSH ROD	1	
		MASTER CYLINDER & BOOSTER INSTALLATION		
		APPLICABLE FOR MODELS 740 THRU 760A		
16	43901	MASTER CYLINDER & POWER BOOSTER ASSEMBLY INCLUDES ITEMS 17 TO 57	1	
17	*44591	MASTER CYLINDER ASSEMBLY - INCLUDES ITEMS 18 TO 33		
	33931	REPAIR KIT - MASTER CYL. - INCLUDES ITEMS 18 TO 27 (DISCARD CHECK VALVE AND VALVE SEAT)	A.R.	
18		RETAINING RING	1	
19		CUP	1	
20		PISTON	1	
21		BACK-UP RING	1	
22		O RING	1	
23		PISTON	1	
24		CUP	2	
25		CUP	1	
26		RETAINER	1	
27	36499	GASKET- FILLER PLUG	1	
28		SPRING	1	
29		HOUSING	1	
30	7844	PLUG	1	
31	8159	CONNECTOR	1	
32	43903	VENTED PLUG	1	
33	105C-1208	WASHER	2	
34	50A-0610	BOLT	3	
35	14A-06	LOCKWASHER	3	
36	36412	POWER BOOSTER ASSEMBLY - INCLUDES ITEMS 37 TO 57	1	
	36494	REPAIR KIT - BOOSTER ASSEMBLY - INCLUDES ITEMS 37 TO 45	A.R.	
37		O RING	1	
38		PISTON RING	1	
39		O RING	1	
40		SPRING	1	
41		SPRING	1	
42		CUP	3	
43		BACK-UP RING	3	
44		RETAINING RING	1	
45	36497	BOOT	1	
46	36498	PUSH ROD	1	
47		END PLUG	1	
48		PISTON	1	
49		HOUSING	1	
50		PISTON	1	
51		VALVE STEM	1	
52		SPRING	1	
53		PISTON	1	
54		END PLUG	1	
55		RETAINER	1	
56		SNUBBER	1	
57		RETAINING RING	1	
58	36463	CLEVIS	1	
59	31D-08	JAM NUT	1	

EFFECTIVE SERIAL NUMBER(S) 19451 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)



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CLUTCH MASTER CYLINDER & BOOSTER ASSEMBLY

MARCH 1989

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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

700 SERIES
SERIE 700

SECTION 5 PAGE 7
SECCION PAGINA

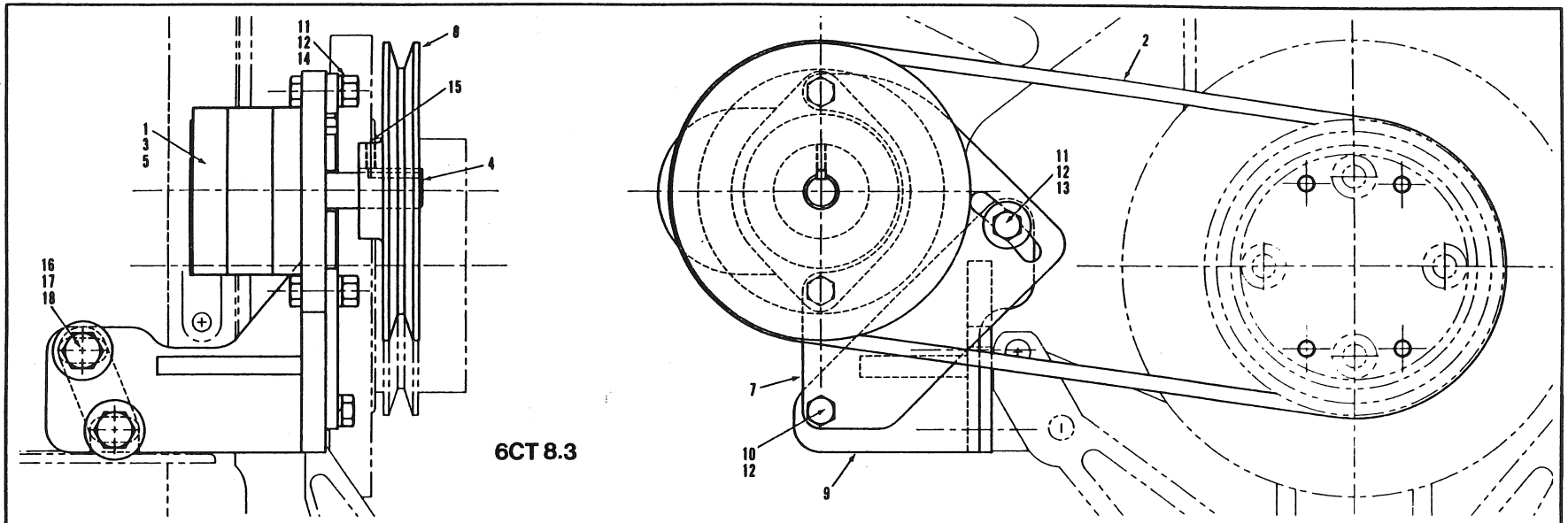
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

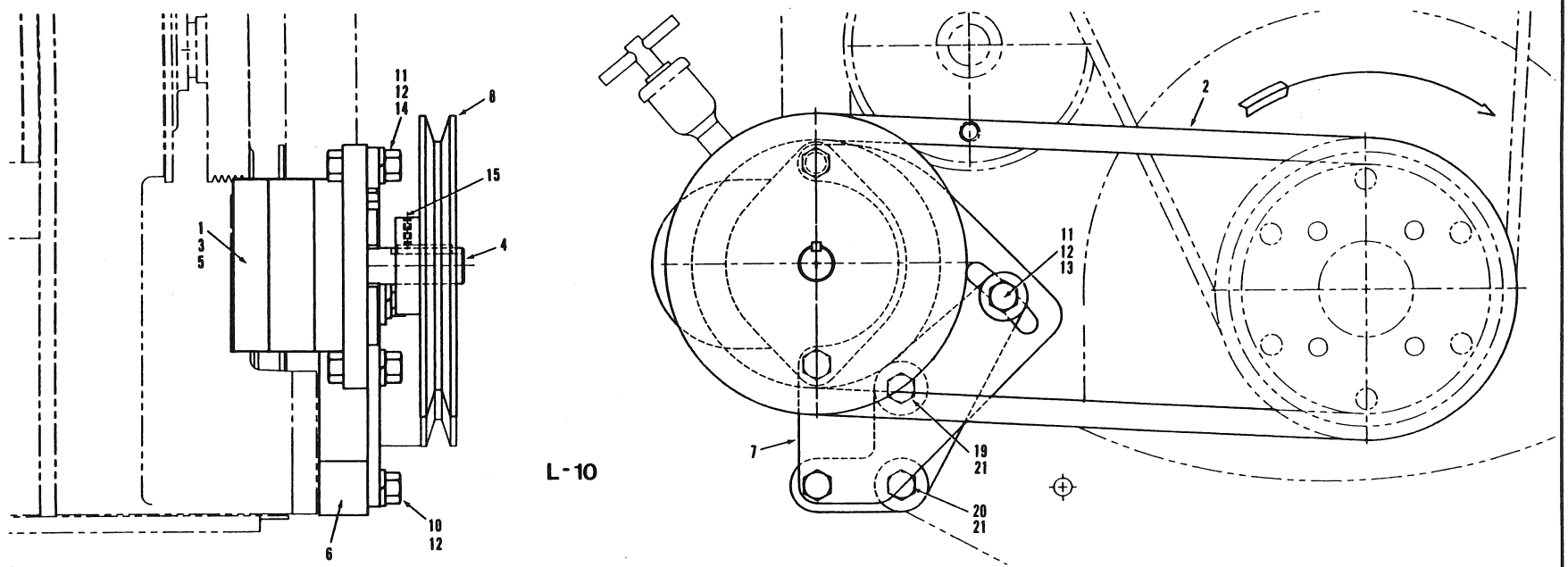
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CLUTCH MASTER CYLINDER & BOOSTER ASSEMBLY

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	*49326	MASTER CYLINDER & POWER BOOSTER ASSEMBLY - INCLUDES ITEMS 2 TO 44	1	
2	*49327	MASTER CYLINDER ASSEMBLY - INCLUDES ITEMS 3 TO 18	1	
	33931	REPAIR KIT - MASTER CYLINDER - INCLUDES ITEMS 3 TO 12 (DISCARD CHECK VALVE & VALVE SEAT)	A.R.	
3		RETAINING RING	1	
4		CUP	1	
5		PISTON	1	
6		BACK-UP RIING	1	
7		O RING	1	
8		PISTON	1	
9		CUP	2	
10		CUP	1	
11		RETAINER	1	
12		SPRING	1	
13		HOUSING	1	
14	*49992	HOOK	1	
15	*49993	COVER	1	
16	*49994	DIAPHRAGM	1	
17	105C-1208	WASHER	1	
18	105D-0408	CONNECTOR	1	
19	50A-0610	BOLT	3	
20	14A-06	LOCKWASHER	3	
21	36412	POWER BOOSTER ASSEMBLY - INCLUDES ITEMS 22 TO 42	1	
	36494	REPAIR KIT - BOOSTER ASSEMBLY - INCLUDES ITEMS 22 TO 30	A.R.	
22		O RING	1	
23		PISTON RING	1	
24		O RING	1	
25		SPRING	1	
26		SPRING	1	
27		CUP	3	
28		BACK-UP RING	3	
29		RETAINING RING	1	
30	36497	BOOT	1	
31	36498	PUSH ROD	1	
32		END PLUG	1	
33		PISTON	1	
34		HOUSING	1	
35		PISTON	1	
36		VALVE STEM	1	
37		SPRING	1	
38		PISTON	1	
39		END PLUG	1	
40		RETAINER	1	
41		SNUBBER	1	
42		RETAINING RING	1	
43	36463	CLEVIS	1	
44	31D-08	JAM NUT	1	

EFFECTIVE SERIAL NUMBER(S) Models 720 thru 730A: 19586 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S) Models 740 thru 780A: 19651 & UP
NUMERO(S) DE SERIE EFECTIVO(S)





ISSUE No.
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CLUTCH PUMP - MODELS 720 THRU 780A

MARCH 1989

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SECTION / SECCION 5 | PAGE / PAGINA 10 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 1

CLUTCH PUMP - MODELS 720 THRU 780A

MARCH 1989

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	51446	PUMP	1	
2	51447	V-BELT	1	
3	52456	IDLER GEAR	1	
4	52457	DRIVESHAFT	1	
5	52458	REPAIR KIT - INCLUDES SEALS, WEAR PLATE, SEALING RING, WASHERS, KEY AND RING	1	
6	51224	SPACER	1	L-10
7	53454	PIVOT PLATE	1	
8	51227	PULLEY	1	
9	51305	BRACKET	1	6CT8.3
10	50A-0608	BOLT	1	
11	50A-0610	BOLT	3	
12	14A-06	LOCKWASHER	4	
13	14C-06	FLATWASHER	1	
14	30A-06	NUT	2	
15	50D-0406	SETSCREW	1	
16	350A-12040	BOLT	2	6CT8.3
17	314A-12	LOCKWASHER	2	6CT8.3
18	314C-12	FLATWASHER	2	6CT8.3
19	350A-10045	BOLT	1	L-10
20	350A-10180	BOLT	1	L-10
21	314A-10	LOCKWASHER	2	L-10

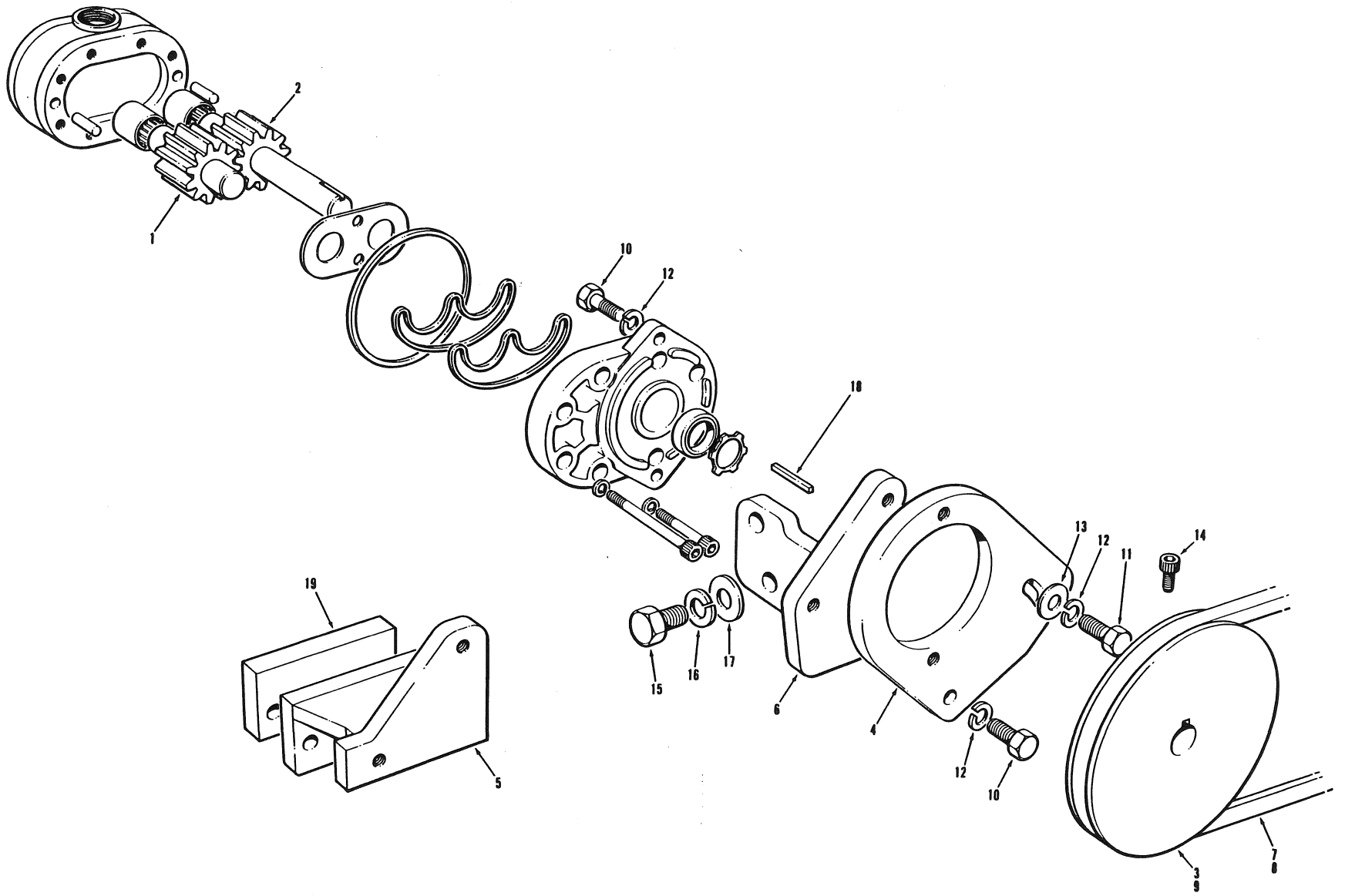
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EFFECTIVE SERIAL NUMBER(S)
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19885 TO 20804 & 20807

700 SERIES
SERIE 700

SECTION 5 PAGE 9
SECCION 5 PAGINA 9



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CLUTCH PUMP - Models 720 thru 780A

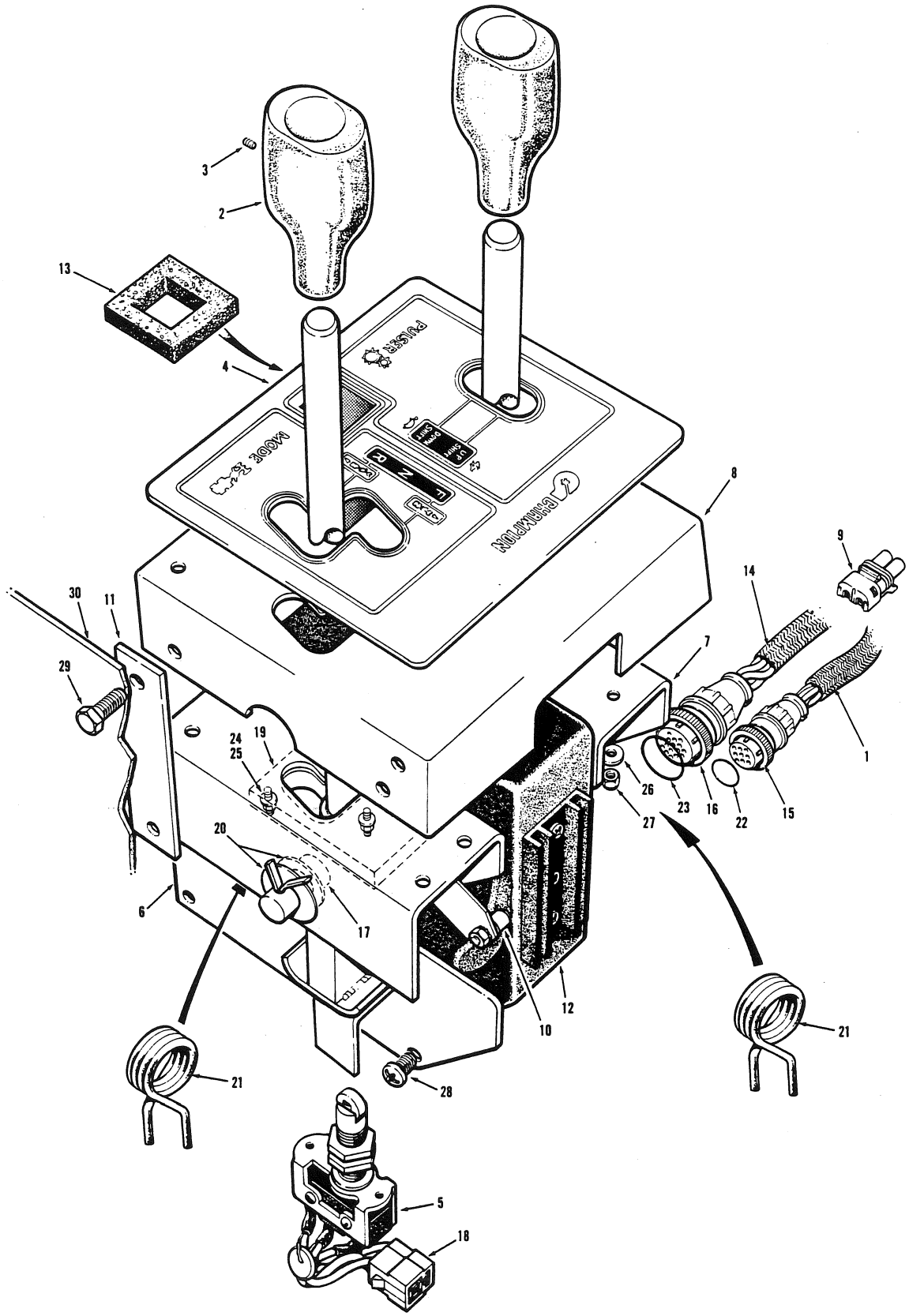
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No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	*59140	**PUMP ASSEMBLY** - INCLUDES ITEMS 1 & 2	1	
	52458	**REPAIR KIT FOR 59140** - INCLUDES SEALS, WEAR PLATE, SEALING RING, WASHERS, KEY AND RING	1	
1	52456	IDLER GEAR	1	
2	*58484	DRIVE SHAFT	1	
3	51227	PULLEY	1	720 thru 730A
4	54950	PIVOT PLATE	1	
5	53577	BRACKET	1	740 thru 780A
6	53594	BRACKET	1	720 thru 730A
7	53598	BELT	1	740 thru 780A
8	53599	BELT	1	720 thru 730A
9	53632	PULLEY	1	740 thru 780A
10	50A-0610	BOLT	3	
11	50A-0612	BOLT	1	
12	14A-06	LOCKWASHER	4	
13	14C-06	FLATWASHER	1	
14	50D-0406	SETSCREW	1	
15	350A-12040	BOLT	2	
16	314A-12	LOCKWASHER	2	720 thru 730A
17	314C-12	FLATWASHER	2	
18	38291	KEY	1	
19	56638	SPACER	1	740 thru 780A

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS



CHAMPION ROAD MACHINERY

JUNE 1987

TRANSMISSION CONTROLS ASSEMBLY

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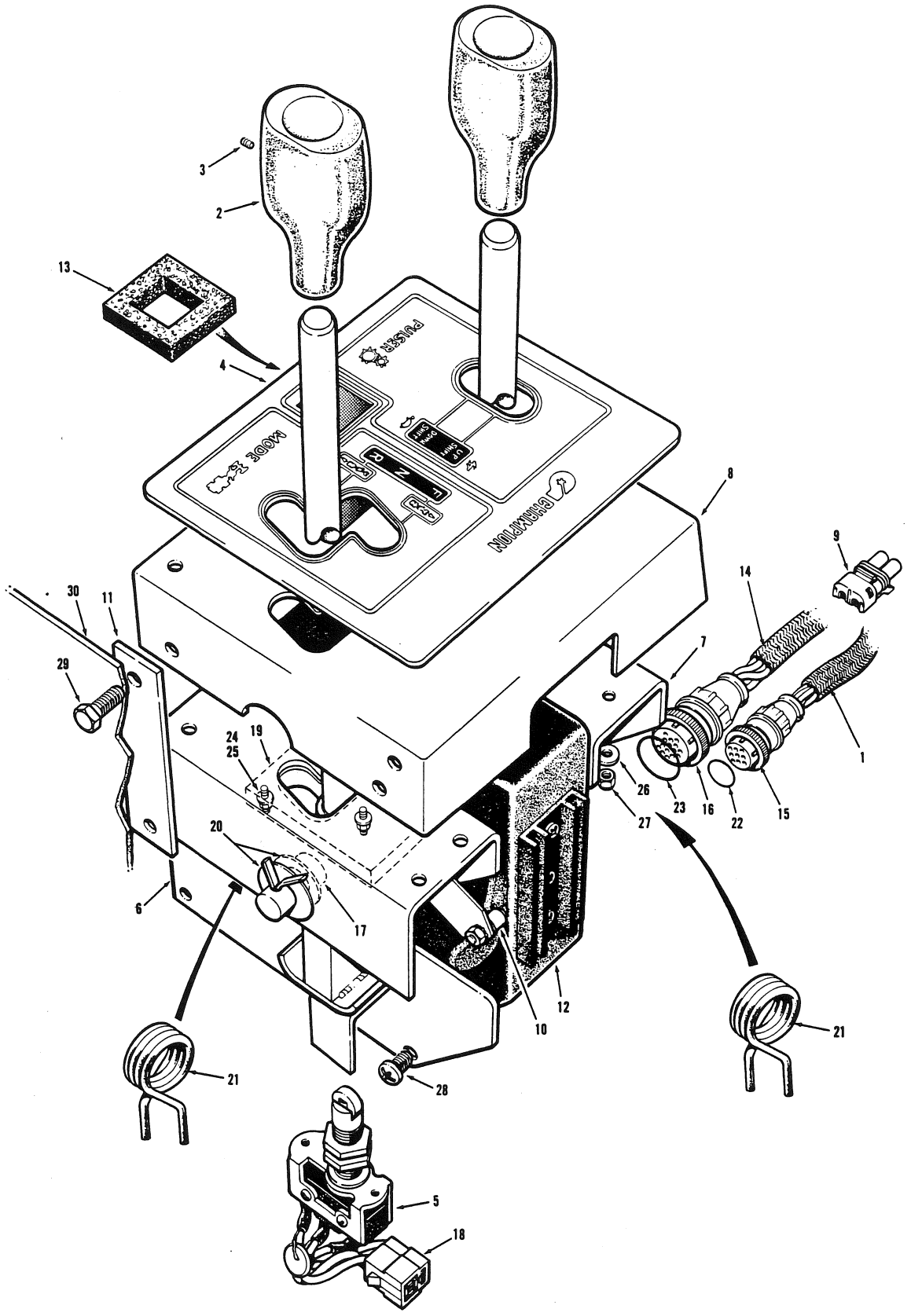
EFFECTIVE SERIAL NUMBER(S) 16224, 16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 6 PAGE 1
SECCION PAGINA

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No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	37275	TRANSMISSION CONTROLS ASSY. - INCLUDES ITEMS 2 TO 13, 17 TO 21 & 24 TO 29	1	
1	29756	WIRING HARNESS - TRANSMISSION	1	
2	36956	KNOB	2	
3	36957	SET SCREW	2	
4	36958	DECAL	1	
5	36959	SWITCH	1	
6	36960	MODE LEVER	1	
7	36961	PULSER LEVER	1	
8	36963	MOUNTING PLATE	1	
9	36966	CONNECTOR	6	
10	36967	MAGNET	2	
11	37045	BRACKET	2	
12	37274	ELECTRONIC CONTROLLER	1	
13	37377	GASKET	1	
14	37601	WIRING HARNESS - MAIN SUPPLY	1	
15	*37907	SMALL LOCK RING	1	REPAIR PART
16	*37908	LARGE LOCK RING	1	REPAIR PART
17	41861	BUSHING	4	
18	41933	VARISTOR ASSEMBLY	1	
19	41947	WEAR PLATE	1	
20	43856	CURVED SPRING	7	
21	44222	SPRING	2	
22	44378	SEAL	1	
23	44379	SEAL	1	
24	14G-06	FLATWASHER	6	
25	34B-06	LOCKNUT	6	
26	14G-10	FLATWASHER	6	
27	35B-10	LOCKNUT	6	
28	61F-1006	SCREW	4	
29	50A-0404	BOLT	4	
30		INSTRUMENT BOX	REF.	SECTION 10 PAGE 2



TRANSMISSION CONTROLS ASSEMBLY

OCTOBER 1989

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EFFECTIVE SERIAL NUMBER(S) **19091 & UP**
NUMERO(S) DE SÉRIE EFFECTIF(S)
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700 SERIES
SERIE 700

SECTION 6 PAGE 1
SECCION PAGINA

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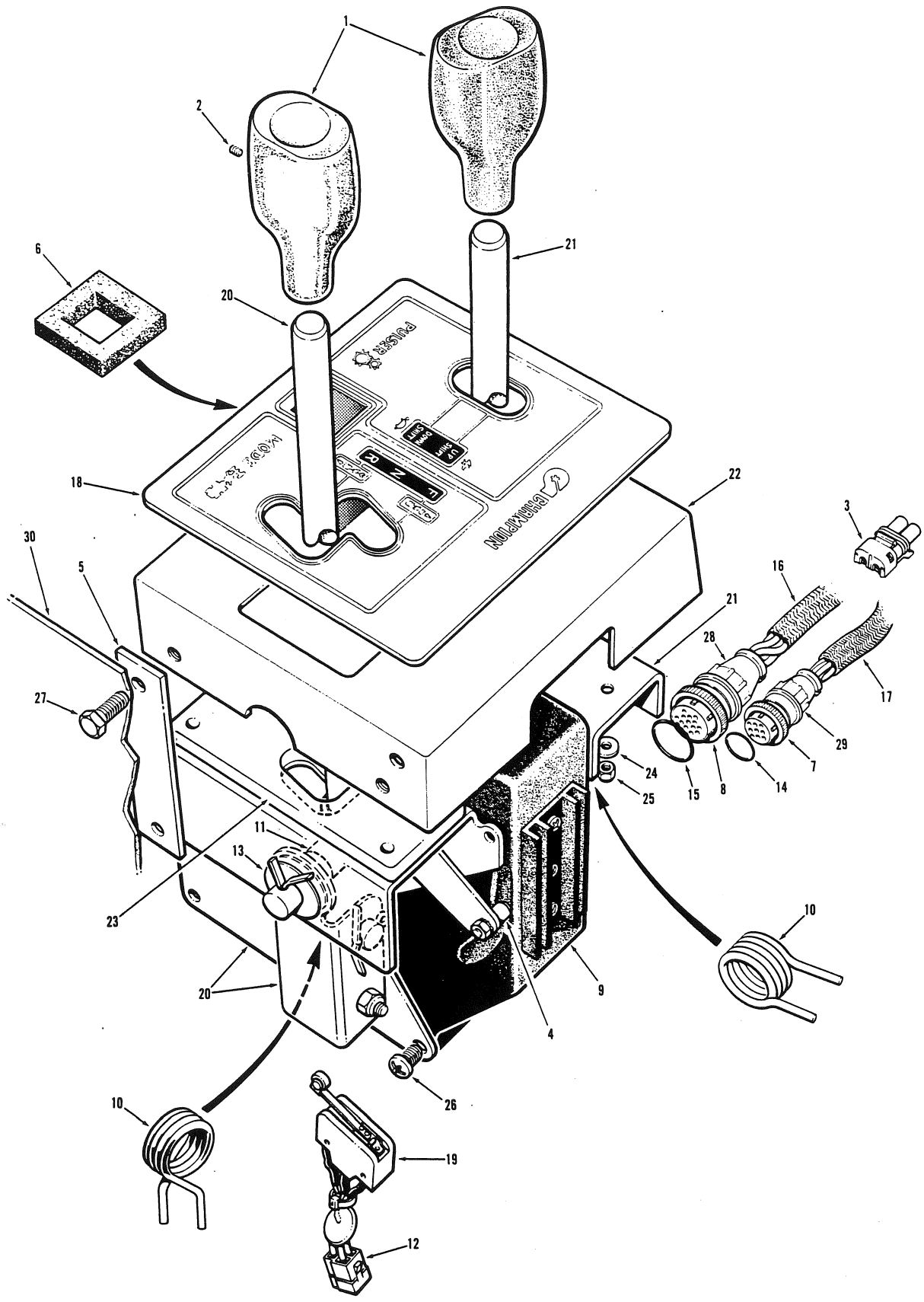
SECTION / SECCION 6 | PAGE / PAGINA 2 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 2

TRANSMISSION CONTROLS ASSEMBLY

OCTOBER 1989

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
	*38048	TRANSMISSION CONTROLS ASSEMBLY - INCLUDES ITEMS 2 TO 13, 17 TO 21 & 24 TO 29	1	
1	29756	WIRING HARNESS - TRANSMISSION	1	
2	36956	KNOB	2	
3	36957	SET SCREW	2	
4	36958	DECAL	1	
5	36959	SWITCH	1	
6	36960	MODE LEVER	1	
7	36961	PULSER LEVER	1	
8	36963	MOUNTING PLATE	1	
9	36966	CONNECTOR	6	
10	36967	MAGNET	2	
11	37045	BRACKET	2	
12	*38049	ELECTRONIC CONTROLLER	1	
13	37377	GASKET	1	
14	*51157	WIRING HARNESS - MAIN SUPPLY	1	
15	37907	SMALL LOCK RING	1	REPAIR PART
16	37908	LARGE LOCK RING	1	REPAIR PART
17	41861	BUSHING	4	
18	41933	VARISTOR ASSEMBLY	1	
19	41947	WEAR PLATE	1	
20	43856	CURVED SPRING	7	
21	44222	SPRING	2	
22	44378	SEAL	1	
23	44379	SEAL	1	
24	14G-06	FLATWASHER	6	
25	34B-06	LOCKNUT	6	
26	14G-10	FLATWASHER	6	
27	35B-10	LOCKNUT	6	
28	61F-1006	SCREW	4	
29	50A-0404	BOLT	4	
30		INSTRUMENT BOX	REF.	SECTION 10 PAGE 2

No. Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS



CHAMPION ROAD MACHINERY

TRANSMISSION CONTROLS ASSEMBLY - 12 VOLT

JANUARY 1992

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **3 REVISION A**

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
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20433, 20436, 20438 to 20442, 20444 to 20718

700 SERIES
SERIE 700

SECTION / SECCION	PAGE / PAGINA
6	1

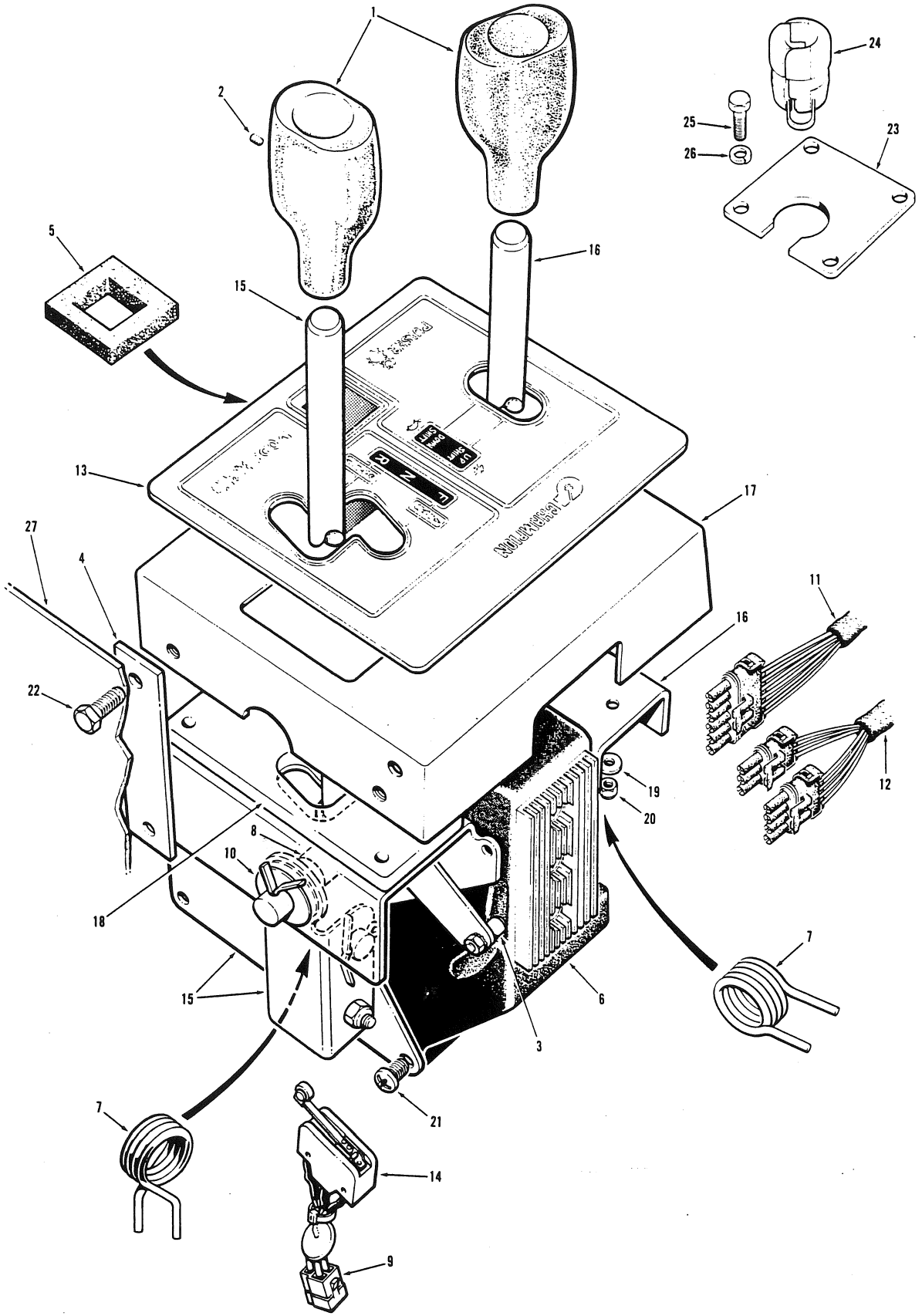
SECTION 6 / SECCION — PAGE 2 / PAGINA — ISSUE No. / N° D'ÉMISSION / N° DE EDICION 3 REVISION A

TRANSMISSION CONTROLS ASSEMBLY - 12 VOLT

JANUARY 1992

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	54672	**TRANSMISSION CONTROLS ASSEMBLY**	1	
		- INCLUDES ITEMS 1 to 6, 9 to 13 & 18 to 27		
1	36956	KNOB	2	
2	36957	SET SCREW	2	
3	36966	CONNECTOR	6	
4	36967	MAGNET	2	
5	37045	BRACKET	2	
6	37377	GASKET	1	
7	37907	SMALL LOCK RING	1	
8	37908	LARGE LOCK RING	1	
9	38049	ELECTRONIC CONTROLLER	1	
10	38290	SPRING	2	
11	41861	BUSHING	4	
12	41933	VARISTOR ASSEMBLY	1	
13	43856	CURVED SPRING	5	
14	44378	SEAL	1	
15	44379	SEAL	1	
16	54257	WIRING HARNESS - MAIN SUPPLY	1	
17	54258	WIRING HARNESS - TRANSMISSION	1	
18	55315	DECAL	1	
19	55316	SWITCH	1	
20	55317	MODE LEVER ASSEMBLY	1	
		- INCLUDES ITEMS 10, 11, 13 & 19		
21	55318	PULSER LEVER ASSEMBLY	1	
		- INCLUDES ITEMS 10, 11 & 13		
22	55319	MOUNTING PLATE	1	
23	55320	WEAR PLATE	1	
24	14G-10	FLATWASHER	6	
25	35B-10	LOCKNUT	8	
26	61F-1006	SCREW	4	
27	50A-0404	BOLT	4	
28	*63040	HARNESS END - C/W ITEM 8	1	
29	*63041	HARNESS END - C/W ITEM 7	1	
30		INSTRUMENT BOX	Ref.	Sect 10 Pg 2

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS



CHAMPION ROAD MACHINERY

TRANSMISSION CONTROLS ASSEMBLY - 12 VOLT

JANUARY 1992

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **4 REVISION B**

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
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NUMERO(S) DE SERIE EFECTIVO(S)

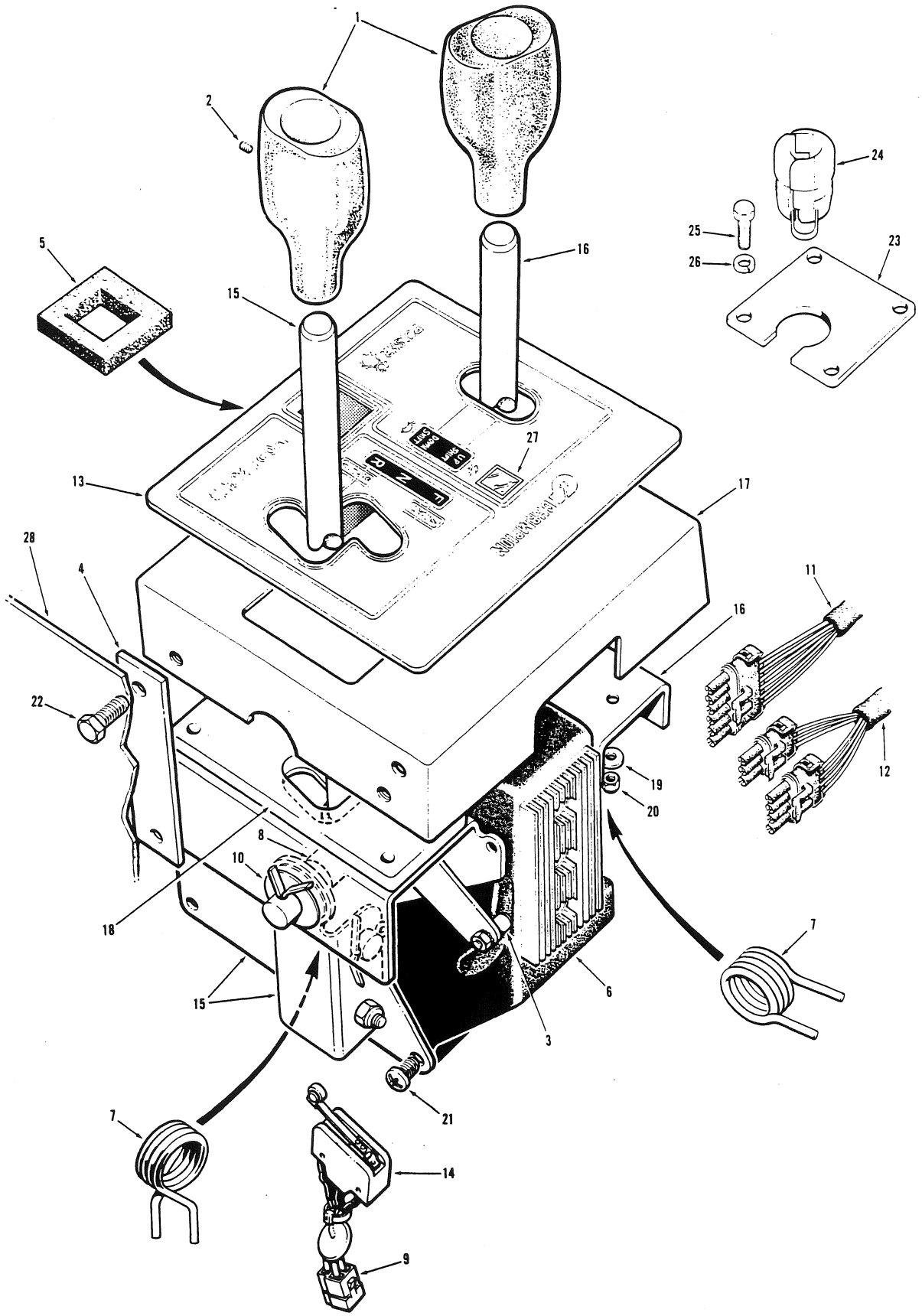
20719 to 21133

700 SERIES
SERIE 700

SECTION	PAGE
SECCION 6	PAGINA 1

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	56207	**TRANSMISSION CONTROLS ASSEMBLY** **- INCLUDES ITEMS 1 to 10 & 13 to 22**	1	
1	36956	KNOB	2	
2	36957	SET SCREW	2	
3	36967	MAGNET	2	
4	37045	BRACKET	2	
5	37377	GASKET	1	
6	58037	ELECTRONIC CONTROLLER	1	
7	38290	SPRING	2	
8	41861	BUSHING	4	
9	41933	VARISTOR ASSEMBLY	1	
10	43856	CURVED SPRING	5	
11	56208	WIRING HARNESS - MAIN SUPPLY	1	
12	56209	WIRING HARNESS - TRANSMISSION	1	
13	58329	DECAL	1	
14	55316	SWITCH	1	
15	55317	**MODE LEVER ASSEMBLY** - INCLUDES ITEMS 7 to 10 & 14	1	
16	55318	**PULSER LEVER ASSEMBLY** - INCLUDES ITEMS 7, 8 & 10	1	
17	58337	MOUNTING PLATE	1	
18	55320	WEAR PLATE	1	
19	14G-10	FLATWASHER	6	
20	35B-10	LOCKNUT	8	
21	61F-1006	SCREW	4	
22	50A-0404	BOLT	4	
23	*56692	COVER PLATE	1	
24	*56704	STRAIN RELIEF COLLAR	1	
25	*50A-0406	BOLT	4	
26	*14A-04	LOCKWASHER	4	
27		INSTRUMENT BOX	Ref.	Sect 10 Pg 1

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS



TRANSMISSION CONTROLS ASSEMBLY - 12 VOLT

JANUARY 1992

ISSUE No.
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END LIST OF PARTS - TURN THIS PAGE FOR NEXT PAGE

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FIN DE LA LISTA DE PIEZAS - VEA LA PAGINA SIGUIENTE

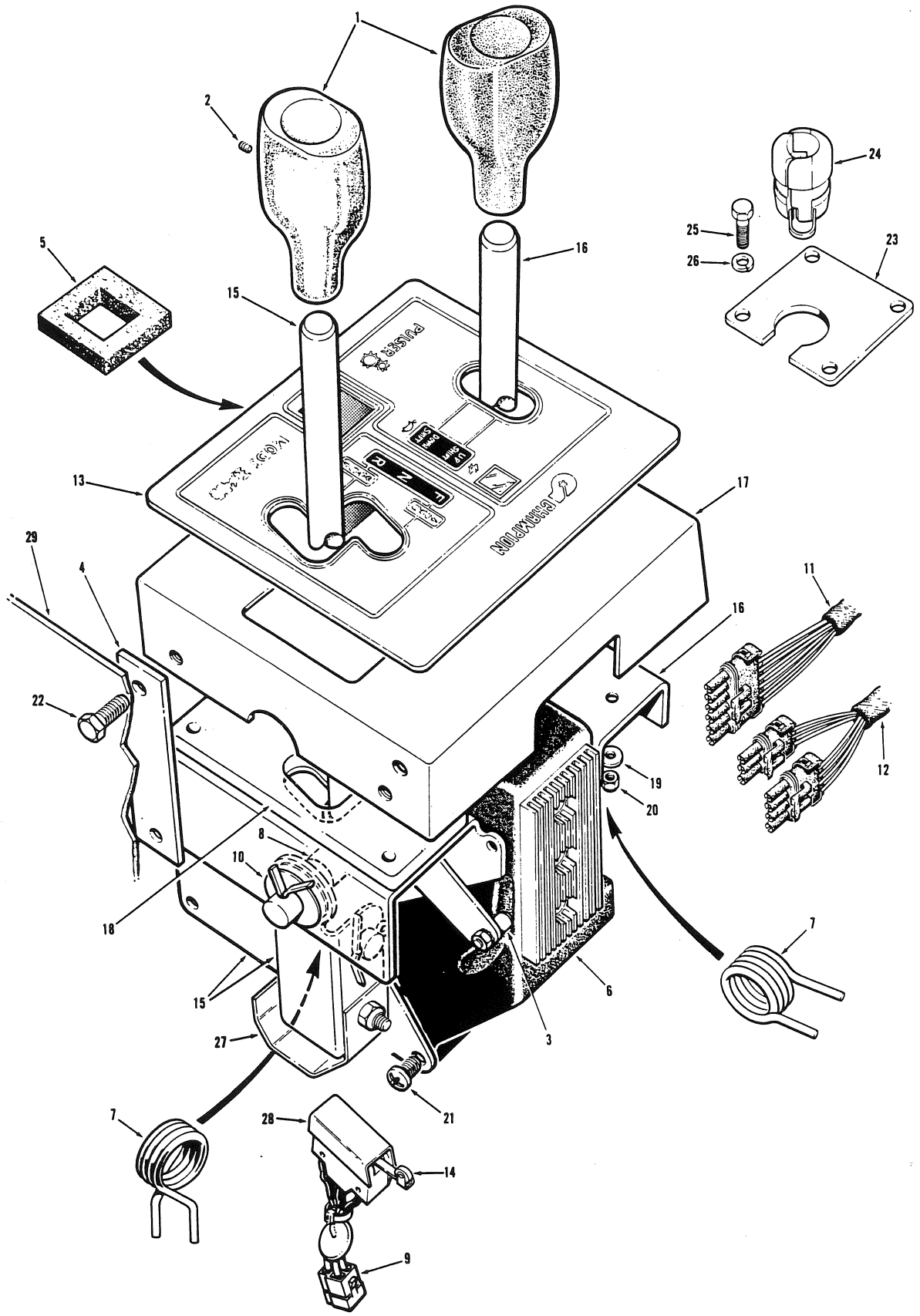
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NUMERO(S) DE SÉRIE EFFECTIF(S) **21134 to 21330,**
NUMERO(S) DE SERIE EFECTIVO(S) **21332 to 21334**

700 SERIES
SERIE 700

SECTION	PAGE
SECCION 6	PAGINA 1

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	58321	**TRANSMISSION CONTROLS ASSEMBLY** **- INCLUDES ITEMS 1 to 10 & 13 to 22**	**1**	
1	**36956**	**KNOB**	**2**	
2	**36957**	**SET SCREW**	**2**	
3	**36967**	**MAGNET**	**2**	
4	**37045**	**BRACKET**	**2**	
5	**37377**	**GASKET**	**1**	
6	**58322**	**ELECTRONIC CONTROLLER**	**1**	
7	**38290**	**SPRING**	**2**	
8	**41861**	**BUSHING**	**4**	
9	**41933**	**VARISTOR ASSEMBLY**	**1**	
10	**43856**	**CURVED SPRING**	**5**	
11	**56208**	**WIRING HARNESS - MAIN SUPPLY**	**1**	
12	**56209**	**WIRING HARNESS - TRANSMISSION**	**1**	
13	**58329**	**DECAL**	**1**	
14	**55316**	**SWITCH**	**1**	
15	**55317**	**MODE LEVER ASSEMBLY** **- INCLUDES ITEMS 7 to 10 & 14**	**1**	
16	**55318**	**PULSER LEVER ASSEMBLY** **- INCLUDES ITEMS 7, 8 & 10**	**1**	
17	**58337**	**MOUNTING PLATE**	**1**	
18	**55320**	**WEAR PLATE**	**1**	
19	**14G-10**	**FLATWASHER**	**6**	
20	**35B-10**	**LOCKNUT**	**8**	
21	**61F-1006**	**SCREW**	**4**	
22	**50A-0404**	**BOLT**	**4**	
23	**56692**	**COVER PLATE**	**1**	
24	**56704**	**STRAIN RELIEF COLLAR**	**1**	
25	**50A-0406**	**CAPSCREW**	**4**	
26	**14A-04**	**LOCKWASHER**	**4**	
27	***65698**	**BULB - MICROPROCESSOR**	**1**	
28		**INSTRUMENT BOX**	**Ref.**	**Sect 10 Pg 1**



CHAMPION ROAD MACHINERY

TRANSMISSION CONTROLS ASSEMBLY - 12 VOLT

JUNE 1991

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ISSUE No.
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Nº DE EDICION 6

EFFECTIVE SERIAL NUMBER(S)
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NUMERO(S) DE SERIE EFECTIVO(S) 21331, 21335 & UP

700 SERIES
SERIE 700

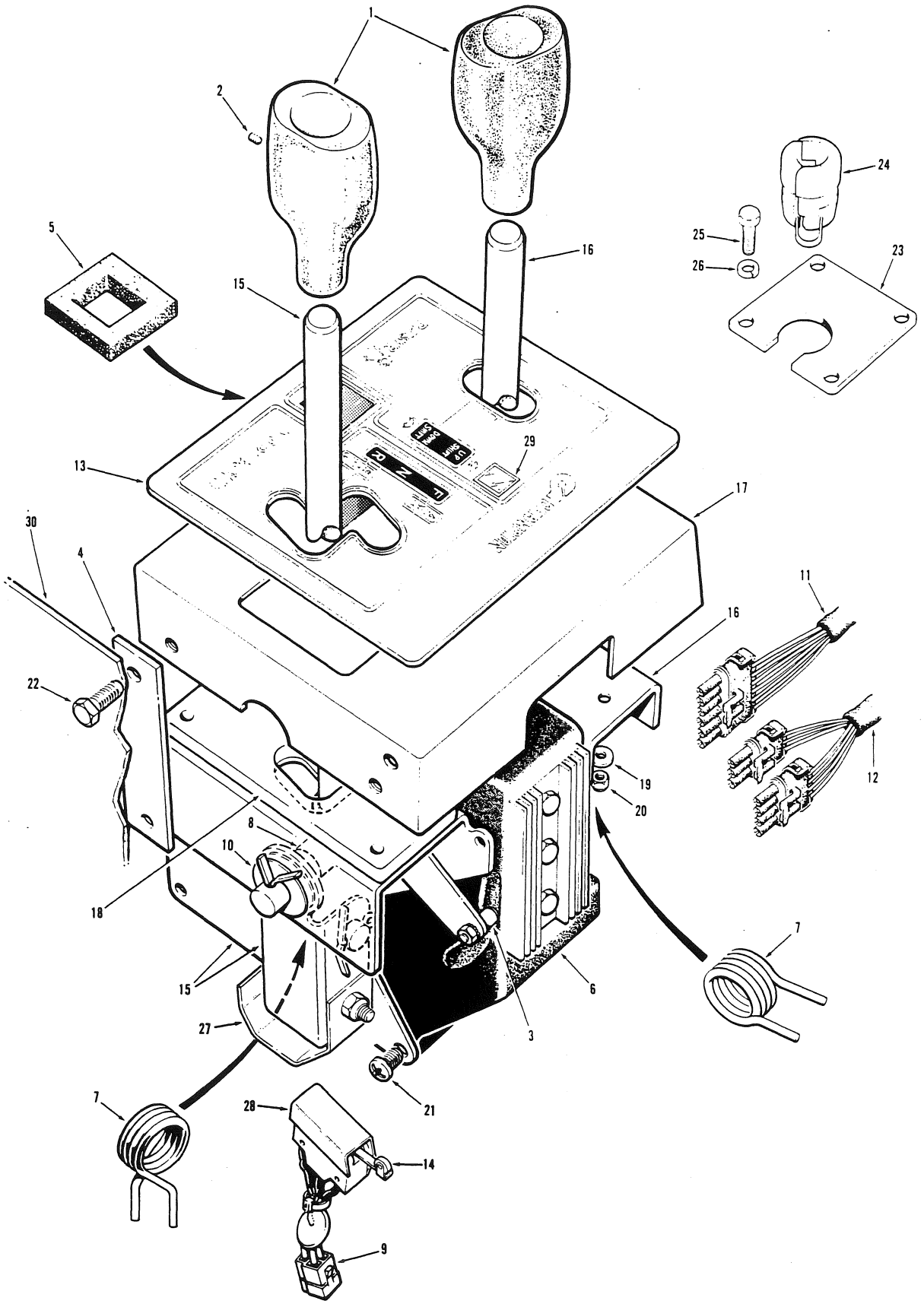
SECTION 6 PAGE 1
SECCION PAGINA

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TRANSMISSION CONTROLS ASSEMBLY - 12 VOLT

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	*58786	**TRANSMISSION CONTROLS ASSEMBLY** - INCLUDES ITEMS 1 to 10 & 13 to 22	1	
1	36956	KNOB	2	
2	36957	SET SCREW	2	
3	36967	MAGNET	2	
4	37045	BRACKET	2	
5	37377	GASKET	1	
6	58322	ELECTRONIC CONTROLLER	1	
7	38290	SPRING	2	
8	41861	BUSHING	4	
9	41933	VARISTOR ASSEMBLY	1	
10	43856	CURVED SPRING	5	
11	56208	WIRING HARNESS - MAIN SUPPLY	1	
12	56209	WIRING HARNESS - TRANSMISSION	1	UP TO S/N 21449
12	*58686	WIRING HARNESS - TRANSMISSION	1	S/N 21450 & UP
13	58329	DECAL	1	
14	55316	SWITCH	1	
15	55317	**MODE LEVER ASSEMBLY** - INCLUDES ITEMS 7 to 10 & 14	1	
16	55318	**PULSER LEVER ASSEMBLY** - INCLUDES ITEMS 7, 8 & 10	1	
17	58337	MOUNTING PLATE	1	
18	55320	WEAR PLATE	1	
19	14G-10	FLATWASHER	6	
20	35B-10	LOCKNUT	8	
21	61F-1006	SCREW	4	
22	50A-0404	BOLT	4	
23	56692	COVER PLATE	1	
24	56704	STRAIN RELIEF COLLAR	1	
25	50A-0406	CAPSCREW	4	
26	14A-04	LOCKWASHER	4	
27	*58977	NEUTRAL SWITCH ACTIVATOR	1	
28	*58788	COVER	1	
29		INSTRUMENT BOX	REF.	Sect 10 Pg 1

CHAMPION ROAD MACHINERY



TRANSMISSION CONTROLS ASSEMBLY - 12 VOLT

JANUARY 1992

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 6 REVISION A

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S) 21331, 21335 & UP

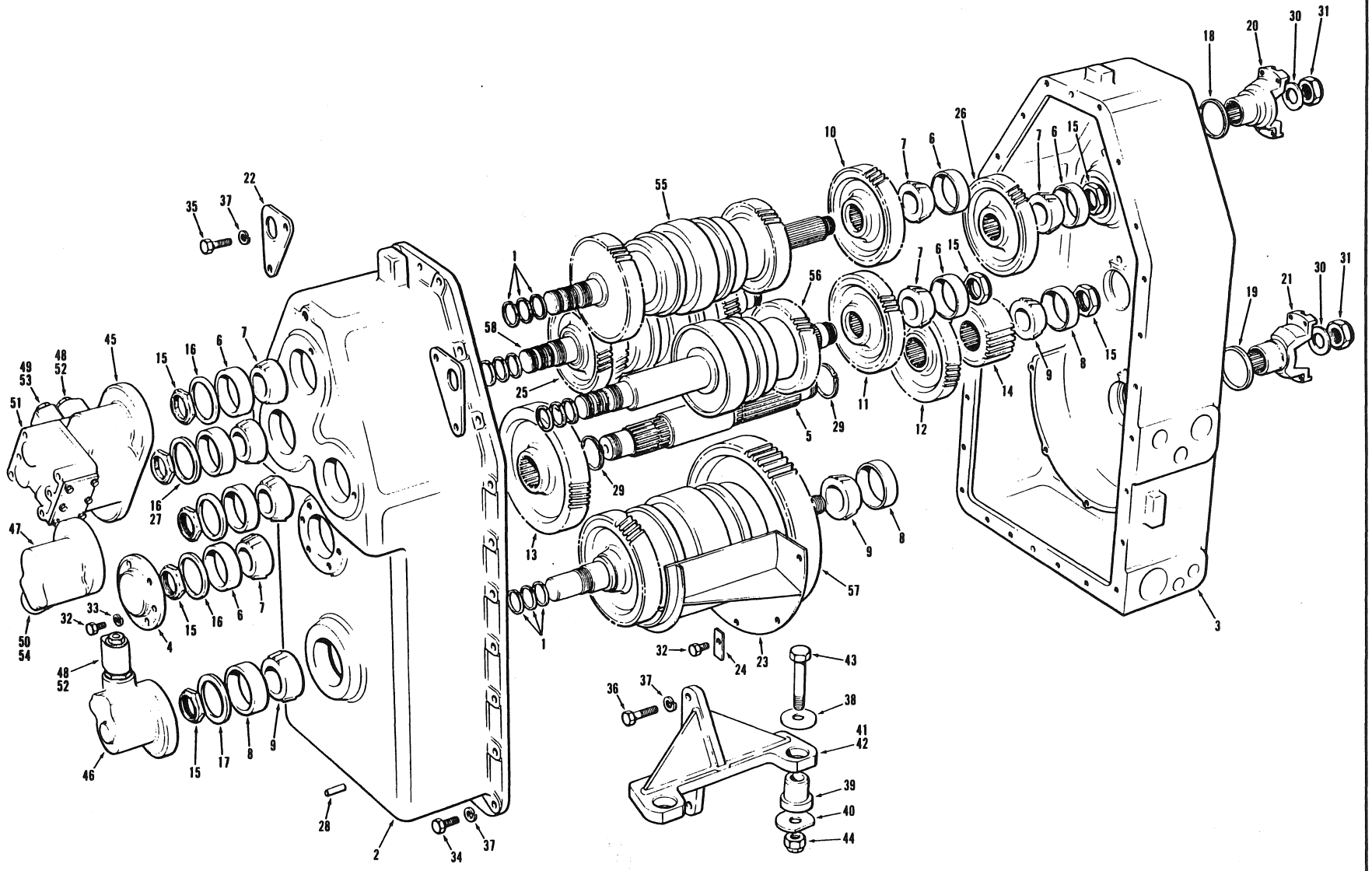
700 SERIES
SERIE 700

SECTION SECCION 6	PAGE PAGINA 1

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No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	58786	**TRANSMISSION CONTROLS ASSEMBLY** - INCLUDES ITEMS 1 to 10 & 13 to 22	1	
1	36956	KNOB	2	
2	36957	SET SCREW	2	
3	*63045	ACTUATOR - C/W HARDWARE	2	
4	37045	BRACKET	2	
5	37377	GASKET	1	
6	58322	ELECTRONIC CONTROLLER	1	
7	38290	SPRING	2	
8	41861	BUSHING	4	
9	41933	VARISTOR ASSEMBLY	1	
10	43856	CURVED SPRING	5	
11	56208	WIRING HARNESS - MAIN SUPPLY	1	
12	56209	WIRING HARNESS - TRANSMISSION	1	UP TO S/N 21449
12	58686	WIRING HARNESS - TRANSMISSION	1	S/N 21450 & UP
13	58329	DECAL	1	
14	55316	SWITCH	1	
15	55317	**MODE LEVER ASSEMBLY** - INCLUDES ITEMS 7 to 10 & 14	1	
16	55318	**PULSER LEVER ASSEMBLY** - INCLUDES ITEMS 7, 8 & 10	1	
17	58337	MOUNTING PLATE	1	
18	55320	WEAR PLATE	1	
19	14G-10	FLATWASHER	6	
20	35B-10	LOCKNUT	8	
21	61F-1006	SCREW	4	
22	50A-0404	BOLT	4	
23	56692	COVER PLATE	1	
24	56704	STRAIN RELIEF COLLAR	1	
25	50A-0406	CAPSCREW	4	
26	14A-04	LOCKWASHER	4	
27	58977	NEUTRAL SWITCH ACTIVATOR	1	
28	58788	COVER	1	
29	*65698	BULB - MICROPROCESSOR	1	
30		INSTRUMENT BOX	REF.	Sect 10 Pg 1

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS



TRANSMISSION ASSEMBLY

ISSUE No.
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SEPTEMBER 1984

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NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 6 PAGE 3
SECCION PAGINA

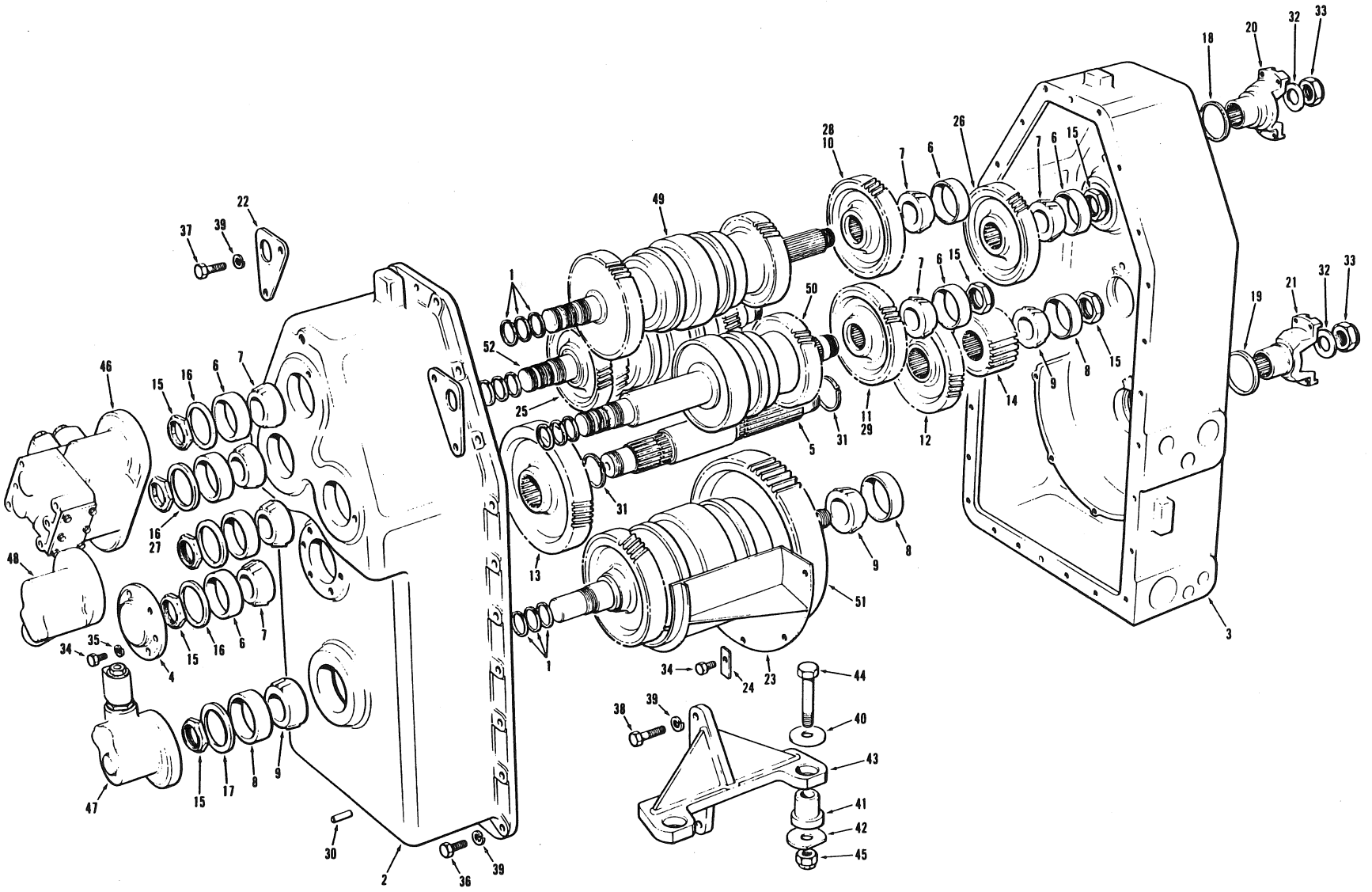
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SECTION / SECCION 6 | PAGE / PAGINA 4 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 1

TRANSMISSION ASSEMBLY - MODEL 8400

SEPTEMBER 1984

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	29781	TRANSMISSION ASSEMBLY	1	
1	16814	PISTON RING	12	
2	29700	FRONT CASE	1	
3	29701	REAR CASE	1	
4	29705	CAP	1	
5	29706	2nd INTERMEDIATE SHAFT	1	
6	29707	CUP	7	
7	29708	CONE	7	
8	29709	CUP	3	
9	29710	CONE	3	
10	29721	GEAR - 52 TEETH - L.H.	1	
11	29722	GEAR - 52 TEETH - R.H.	1	
12	29725	GEAR - 52 TEETH	1	
13	29726	GEAR - 70 TEETH	1	
14	29727	GEAR - 24 TEETH	1	
15	29728	LOCKNUT	8	
16	29729	SPACER - .110" THICK	A.R.	
	29730	SPACER - .115" THICK	A.R.	
	29731	SPACER - .120" THICK	A.R.	
	29732	SPACER - .125" THICK	A.R.	
	29733	SPACER - .130" THICK	A.R.	
	29734	SPACER - .100" THICK	A.R.	
	29735	SPACER - .105" THICK	A.R.	
17	29736	SPACER - .110" THICK	A.R.	
	29737	SPACER - .115" THICK	A.R.	
	29738	SPACER - .120" THICK	A.R.	
	29739	SPACER - .125" THICK	A.R.	
	29740	SPACER - .130" THICK	A.R.	
	29741	SPACER - .100" THICK	A.R.	
	29742	SPACER - .105" THICK	A.R.	
18	29743	SEAL	1	
19	29744	SEAL	1	
20	29745	YOKE - UPPER	1	
21	29746	YOKE - LOWER	1	
22	29760	LIFT EYE	2	
23	29761	OIL BAFFLE	1	
24	29762	LOCKING PLATE	5	
25	29777	GEAR - 46 TEETH	1	
26	29778	GEAR - 54 TEETH	1	
27	29783	SPACER - .080" THICK	A.R.	
	29784	SPACER - .085" THICK	A.R.	
	29785	SPACER - .090" THICK	A.R.	
	29786	SPACER - .095" THICK	A.R.	
28	13D-1616	DOWEL PIN	2	
29	19C-237	SNAP RING	2	
30	14D-20	FLATWASHER	2	
31	37M-20	LOCKNUT	2	
32	50A-0608	BOLT	11	
33	14A-06	LOCKWASHER	6	
34	50A-0812	BOLT	14	
35	50A-0814	BOLT	4	
36	50A-0818	BOLT	6	
37	14A-08	LOCKWASHER	24	
		TRANSMISSION MOUNTS		
38	11966	FLATWASHER	4	
39	17674	RUBBER MOUNT	4	
40	24101	FLATWASHER	4	
41	29757	MOUNT - L.H.	1	
42	29758	MOUNT - R.H.	1	
43	51A-1024	BOLT	4	
44	37C-10	LOCKNUT	4	
45	29702	CAP - MAIN CONTROL VALVE		
46	29703	CAP - RANGE CONTROL VALVE		
47	29704	CAP - REVERSE CONTROL VALVE		
48	29747	SOLENOID VALVE ASSY.- INCLUDES ITEM 52		
49	29748	SOLENOID VALVE ASSY.- INCLUDES ITEM 53	REF.	SECTION 6 PAGE 7
50	29749	SOLENOID VALVE ASSY.- INCLUDES ITEM 54		
51	29763	REGULATOR VALVE		
52	37105	COIL		
53	37106	COIL		
54	37107	COIL		
55		INPUT CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 9
56		REVERSE CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 11
57		OUTPUT CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 13
58		INTERMEDIATE CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 15



EFFECTIVE SERIAL NUMBER(S) 16748 TO 18178, 18180 TO 18210
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

U.S. 2364-2 TO 2658-2

700 SERIES
SERIE 700

SECTION 6 PAGE 3
SECCION PAGINA

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ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION C

TRANSMISSION ASSEMBLIES - MODEL 8400

JULY 1987

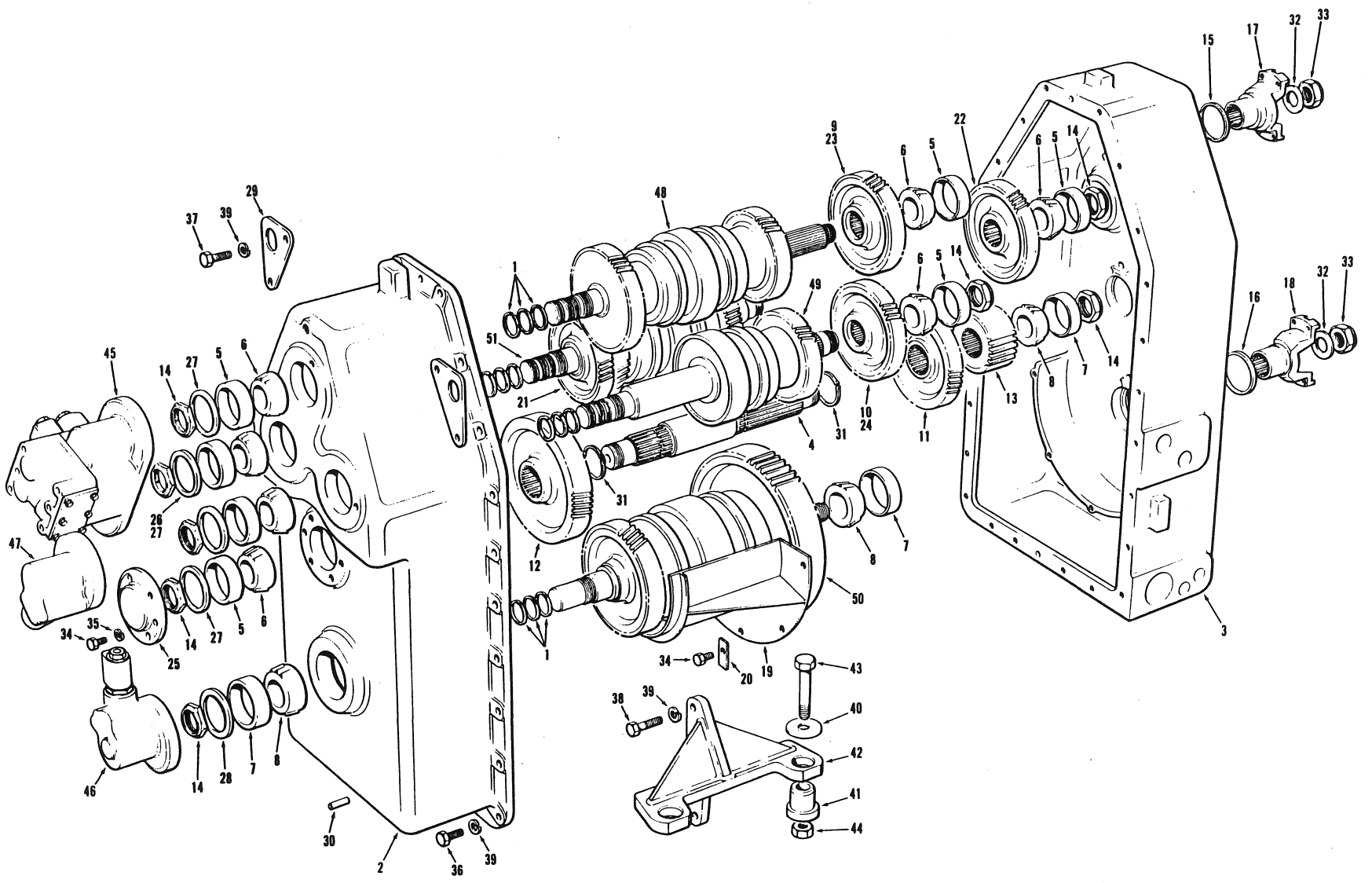
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	29953	TRANSMISSION ASSEMBLY - STANDARD INCLUDES ITEMS 1 TO 27 & 30 TO 52	1	EXCEPT 780 & 780A
	29954	TRANSMISSION ASSEMBLY - HIGH SPEED REVERSE INCLUDES ITEMS 1 TO 9 & 12 TO 52 (SUPPLIED WITH SOME MODEL 760A GRADERS)	1	780 & 780A
1	16814	PISTON RING	12	
2	29700	FRONT CASE	1	
3	29701	REAR CASE	1	
4	29705	CAP	1	
5	29706	2nd INTERMEDIATE SHAFT	1	
6	29707	CUP	7	
7	29708	CONE	7	
8	29709	CUP	3	
9	29710	CONE	3	
10	29721	GEAR - 52 TEETH - L.H.	1	EXCEPT 780 & 780A
11	29722	GEAR - 52 TEETH - R.H.	1	EXCEPT 780 & 780A
12	29725	GEAR - 52 TEETH	1	
13	29726	GEAR - 70 TEETH	1	
14	29727	GEAR - 24 TEETH	1	
15	29728	LOCKNUT	8	
16	29729	SPACER - .110" THICK	A.R.	
	29730	SPACER - .115" THICK	A.R.	
	29731	SPACER - .120" THICK	A.R.	
	29732	SPACER - .125" THICK	A.R.	
	29733	SPACER - .130" THICK	A.R.	
	29734	SPACER - .100" THICK	A.R.	
	29735	SPACER - .105" THICK	A.R.	
	*29783	SPACER - .0800" THICK	A.R.	
	*29784	SPACER - .0850" THICK	A.R.	
	29785	SPACER - .090" THICK	A.R.	
	29786	SPACER - .095" THICK	A.R.	
17	29860	SPACER - .095" THICK	A.R.	
	29861	SPACER - .090" THICK	A.R.	
	29736	SPACER - .110" THICK	A.R.	
	29737	SPACER - .115" THICK	A.R.	
	29738	SPACER - .120" THICK	A.R.	
	29739	SPACER - .125" THICK	A.R.	
	29740	SPACER - .130" THICK	A.R.	
	29741	SPACER - .100" THICK	A.R.	
	29742	SPACER - .105" THICK	A.R.	
18	29743	SEAL	1	
19	29744	SEAL	1	
20	29745	YOKE - UPPER	1	
21	29746	YOKE - LOWER	1	
22	*45035	LIFT EYE	2	
23	29761	OIL BAFFLE	1	
24	29762	LOCKING PLATE	5	
25	29777	GEAR - 46 TEETH	1	
26	29778	GEAR - 54 TEETH	1	
27	29783	SPACER - .080" THICK	A.R.	
	29784	SPACER - .085" THICK	A.R.	
28	29855	GEAR - 58 TEETH	1	780 & 780A
29	29856	GEAR - 46 TEETH	1	780 & 780A
30	13D-1616	DOWEL PIN	2	
31	19C-237	SNAP RING	2	
32	14D-20	FLATWASHER	2	
33	37M-20	LOCKNUT	2	
34	50A-0608	BOLT	11	
35	14A-06	LOCKWASHER	6	
36	50A-0812	BOLT	14	
37	50A-0814	BOLT	4	
38	50A-0818	BOLT	6	
39	14A-08	LOCKWASHER	24	
		TRANSMISSION MOUNTS		
40	11966	FLATWASHER	4	
41	17674	RUBBER MOUNT	4	
42	24101	FLATWASHER	4	
43	41718	MOUNT	2	
44	51A-1028	BOLT	4	
45	37J-10	LOCKNUT	4	
46		CAP - MAIN CONTROL VALVE	REF.	SECTION 6 PAGE 8
47		CAP - RANGE CONTROL VALVE	REF.	SECTION 6 PAGE 8
48		CAP - REVERSE CONTROL VALVE	REF.	SECTION 6 PAGE 8
49		INPUT CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 10
50		REVERSE CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 12
51		OUTPUT CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 14
52		INTERMEDIATE CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 16

EFFECTIVE SERIAL NUMBER(S) 18179, 18211 TO 18877
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2659-2 & UP

700 SERIES
SERIE 700

SECTION 6 PAGE 3
SECCION 6 PAGINA 3



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3 REVISION A

TRANSMISSION ASSEMBLIES - MODEL 8400

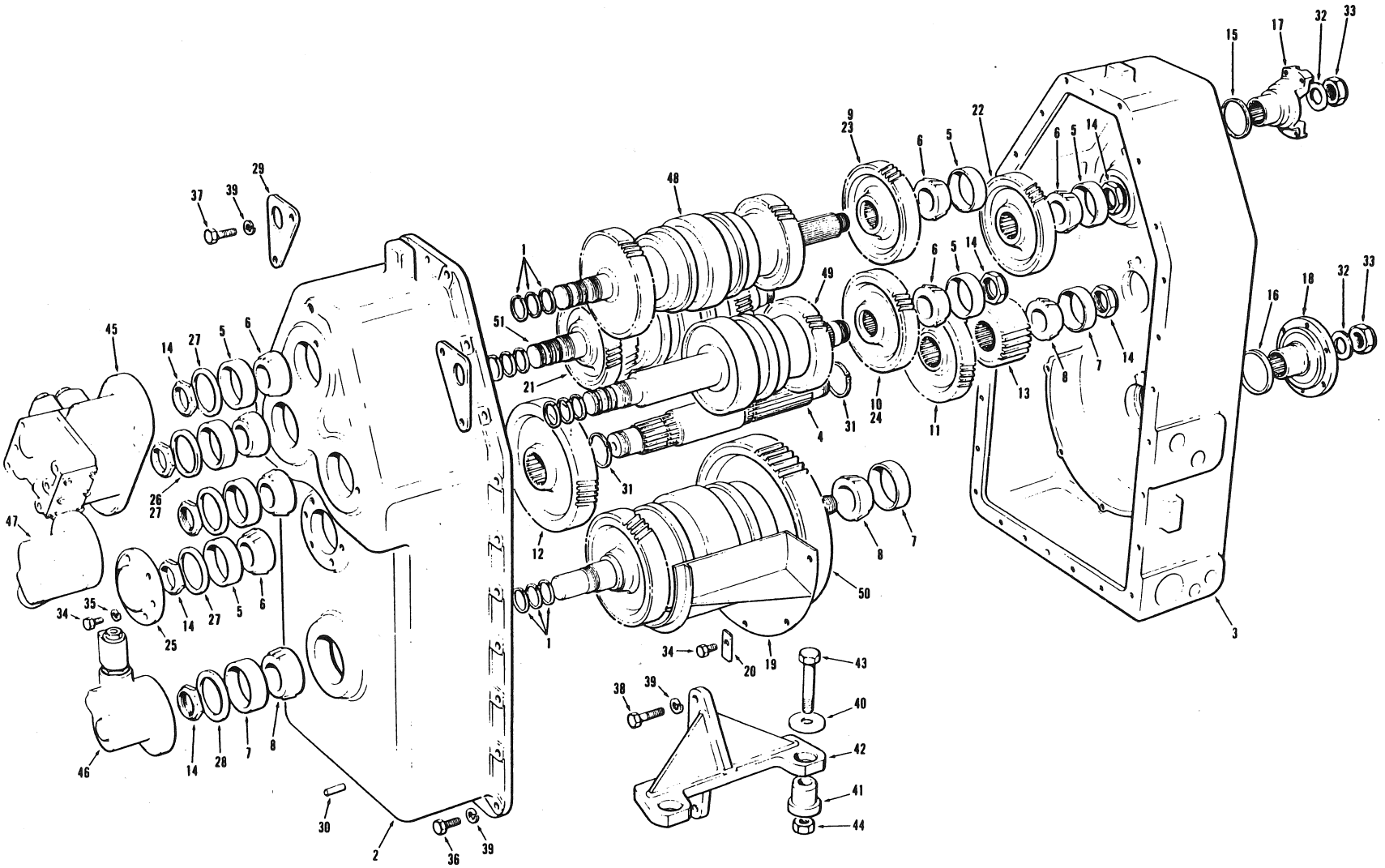
AUGUST 1988

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	37790	TRANSMISSION ASSEMBLY - STANDARD INCLUDES ITEMS 1 TO 22 & 25 TO 51	1	EXCEPT 780 & 780A
	37791	TRANSMISSION ASSEMBLY - HIGH SPEED REVERSE INCLUDES ITEMS 1 TO 8 & 11 TO 51	1	780 & 780A
1	16814	PISTON RING	12	
2	29700	FRONT CASE	1	
3	*37668	REAR CASE	1	
4	29706	2nd INTERMEDIATE SHAFT	1	
5	29707	CUP	7	
6	29708	CONE	7	
7	29709	CUP	3	
8	29710	CONE	3	
9	29721	GEAR - 52 TEETH - L.H.	1	EXCEPT
10	29722	GEAR - 52 TEETH - R.H.	1	780 & 780A
11	29725	GEAR - 52 TEETH	1	
12	29726	GEAR - 70 TEETH	1	
13	29727	GEAR - 24 TEETH	1	
14	29728	LOCKNUT	8	
15	29743	SEAL	1	
16	29744	SEAL	1	
17	29745	YOKE - UPPER	1	
18	29746	YOKE - LOWER	1	
19	29761	OIL BAFFLE	1	
20	29762	LOCKING PLATE	5	
21	29777	GEAR - 46 TEETH	1	
22	29778	GEAR - 54 TEETH	1	
23	29855	GEAR - 58 TEETH	1	780 & 780A
24	29856	GEAR - 46 TEETH	1	
25	37788	CAP	1	
26	37764	SPACER - .1800" THICK	A.R.	
	37765	SPACER - .1850" THICK	A.R.	
	37766	SPACER - .1900" THICK	A.R.	
	37767	SPACER - .1950" THICK	A.R.	
	37768	SPACER - .2000" THICK	A.R.	
	37769	SPACER - .2050" THICK	A.R.	
	37770	SPACER - .2100" THICK	A.R.	
27	37771	SPACER - .2150" THICK	A.R.	
	37772	SPACER - .2200" THICK	A.R.	
	37773	SPACER - .2250" THICK	A.R.	
	37774	SPACER - .2300" THICK	A.R.	
	37794	SPACER - .2350" THICK	A.R.	
	37795	SPACER - .2400" THICK	A.R.	
	37799	SPACER - .1750" THICK	A.R.	
	37776	SPACER - .1900" THICK	A.R.	
	37777	SPACER - .1950" THICK	A.R.	
	37778	SPACER - .2000" THICK	A.R.	
	37779	SPACER - .2050" THICK	A.R.	
	37780	SPACER - .2100" THICK	A.R.	
28	37781	SPACER - .2150" THICK	A.R.	
	37782	SPACER - .2200" THICK	A.R.	
	37783	SPACER - .2250" THICK	A.R.	
	37784	SPACER - .2300" THICK	A.R.	
	37796	SPACER - .2350" THICK	A.R.	
	37797	SPACER - .1800" THICK	A.R.	
	37798	SPACER - .1850" THICK	A.R.	
29	45035	LIFT EYE	2	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
30	13D-1616	DOWEL PIN	2	
31	19C-237	SNAP RING	2	
32	14D-20	FLATWASHER	2	
33	37M-20	LOCKNUT	2	
34	50A-0608	BOLT	11	
35	14A-06	LOCKWASHER	6	
36	50A-0812	BOLT	14	
37	50A-0814	BOLT	4	
38	50A-0818	BOLT	6	
39	14A-08	LOCKWASHER	24	
		TRANSMISSION MOUNTS		
40	11966	FLATWASHER	4	
41	17674	RUBBER MOUNT	4	
42	41718	MOUNT	2	
43	51A-1028	BOLT	4	
44	37J-10	LOCKNUT	4	
45		CAP - MAIN CONTROL VALVE	REF.	SECTION 6 PAGE 8
46		CAP - RANGE CONTROL VALVE		
47		CAP - REVERSE CONTROL VALVE		
48		INPUT CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 10
49		REVERSE CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 12
50		OUTPUT CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 14
51		INTERMEDIATE CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 16



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **4 REVISION A**

TRANSMISSION ASSEMBLIES - MODEL 8400

JANUARY 1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

18878 to 20241, 20243, 20244,
20246 to 20249, 20251, 20252,
20254, 20255, 20257 to 20259,
20261 to 20264

700 SERIES
SERIE 700

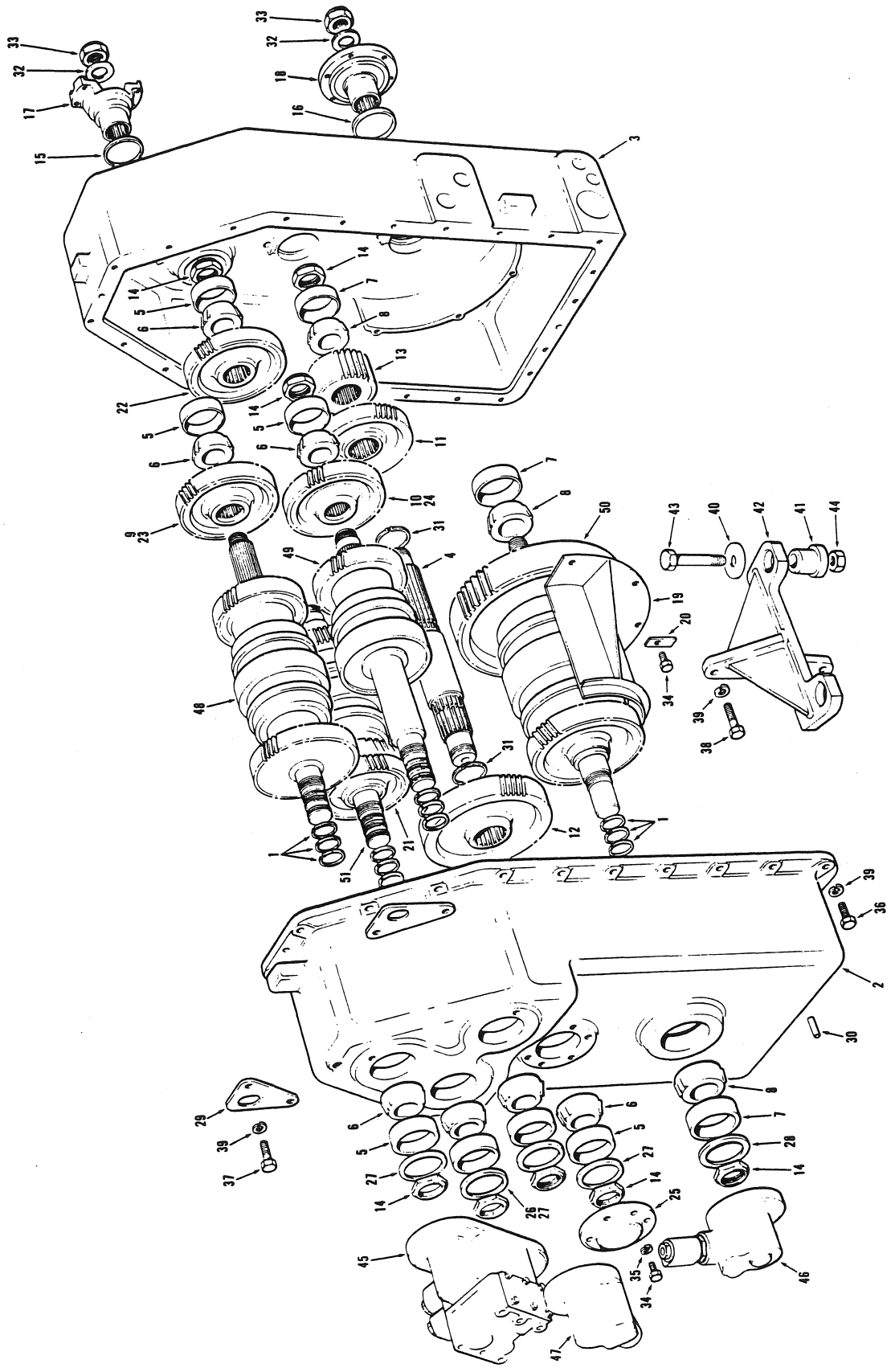
SECTION SECCION 6 PAGE PAGINA 3

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	49787	TRANSMISSION ASSEMBLY - STANDARD INCLUDES ITEMS 1 TO 22 & 25 TO 51	1	710 thru 750A
	49795	TRANSMISSION ASSEMBLY - HIGH SPEED REVERSE INCLUDES ITEMS 1 TO 8 & 11 TO 51	1	780/780A
1	16814	PISTON RING	12	
2	29700	FRONT CASE	1	
3	37668	REAR CASE	1	
4	29706	2nd INTERMEDIATE SHAFT	1	
5	29707	CUP	7	
6	29708	CONE	7	
7	29709	CUP	3	
8	29710	CONE	3	
9	29721	GEAR - 52 TEETH - L.H.	1	710 thru 750A
10	29722	GEAR - 52 TEETH - R.H.	1	710 thru 750A
11	29725	GEAR - 52 TEETH	1	
12	29726	GEAR - 70 TEETH	1	
13	29727	GEAR - 24 TEETH	1	
14	29728	LOCKNUT	8	
15	29743	SEAL	1	
16	29744	SEAL	1	
17	29745	YOKE - UPPER	1	
18	37655	YOKE - LOWER	1	
19	29761	OIL BAFFLE	1	
20	29762	LOCKING PLATE	5	
21	29777	GEAR - 46 TEETH	1	
22	29778	GEAR - 54 TEETH	1	780/780A
23	29855	GEAR - 58 TEETH	1	780/780A
24	29856	GEAR - 46 TEETH	1	
25	37788	CAP	1	
26	37764	SPACER - .1800" THICK	A.R.	
	37765	SPACER - .1850" THICK	A.R.	
27	37766	SPACER - .1900" THICK	A.R.	
	37767	SPACER - .1950" THICK	A.R.	
	37768	SPACER - .2000" THICK	A.R.	
	37769	SPACER - .2050" THICK	A.R.	
	37770	SPACER - .2100" THICK	A.R.	
	37771	SPACER - .2150" THICK	A.R.	
	37772	SPACER - .2200" THICK	A.R.	
	37773	SPACER - .2250" THICK	A.R.	
	37774	SPACER - .2300" THICK	A.R.	
	37794	SPACER - .2350" THICK	A.R.	
	37795	SPACER - .2400" THICK	A.R.	
	37799	SPACER - .1750" THICK	A.R.	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
28	37776	SPACER - .1900" THICK	A.R.	
	37777	SPACER - .1950" THICK	A.R.	
	37778	SPACER - .2000" THICK	A.R.	
	37779	SPACER - .2050" THICK	A.R.	
	37780	SPACER - .2100" THICK	A.R.	
	37781	SPACER - .2150" THICK	A.R.	
	37782	SPACER - .2200" THICK	A.R.	
	37783	SPACER - .2250" THICK	A.R.	
	37784	SPACER - .2300" THICK	A.R.	
	37796	SPACER - .2350" THICK	A.R.	
	37797	SPACER - .1800" THICK	A.R.	
	37798	SPACER - .1850" THICK	A.R.	
29	45035	LIFT EYE	2	
30	13D-1616	DOWEL PIN	2	
31	19C-237	SNAP RING	2	
32	14D-20	FLATWASHER	2	
33	37M-20	LOCKNUT	2	
34	50A-0608	BOLT	11	
35	14A-06	LOCKWASHER	6	
36	50A-0812	BOLT	14	
37	50A-0814	BOLT	4	
38	50A-0818	BOLT	6	
39	14A-08	LOCKWASHER	24	
		TRANSMISSION MOUNTS		
40	11966	FLATWASHER	4	
41	17674	RUBBER MOUNT	4	
42	41718	MOUNT	2	
43	51A-1028	BOLT	4	
44	37J-10	LOCKNUT	4	
45		CAP - MAIN CONTROL VALVE	REF.	SECTION 6 PAGE 8
46		CAP - RANGE CONTROL VALVE		
47		CAP - REVERSE CONTROL VALVE		
48		INPUT CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 10
49		REVERSE CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 12
50		OUTPUT CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 14
51		INTERMEDIATE CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 16

CHAMPION ROAD MACHINERY



TRANSMISSION ASSEMBLIES - MODEL 8400

OCTOBER 1989

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5

FOR LIST OF PARTS THAT THIS PART... PARA LA LISTA DE LAS PIEZAS... VEA AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20242, 20245, 20250, 20253, 20256, 20260, 20265 & UP

700 SERIES
SERIE 700

SECTION 6 PAGE 3
SECCION PAGINA

TRANSMISSION ASSEMBLIES - MODEL 8400

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	*54606	TRANSMISSION ASSEMBLY - STANDARD INCLUDES ITEMS 1 TO 22 & 25 TO 51	1	EXCEPT 780/780A
	*54607	TRANSMISSION ASSEMBLY - HIGH SPEED REVERSE INCLUDES ITEMS 1 TO 8 & 11 TO 51	1	780/780A
1	16814	PISTON RING	12	
2	29700	FRONT CASE	1	
3	*51284	REAR CASE	1	
4	29706	2nd INTERMEDIATE SHAFT	1	
5	29707	CUP	7	
6	29708	CONE	7	
7	29709	CUP	3	
8	29710	CONE	3	
9	29721	GEAR - 52 TEETH - L.H.	1	EXCEPT
10	29722	GEAR - 52 TEETH - R.H.	1	780/780A
11	29725	GEAR - 52 TEETH	1	
12	29726	GEAR - 70 TEETH	1	
13	29727	GEAR - 24 TEETH	1	
14	29728	LOCKNUT	8	
15	29743	SEAL	1	
16	29744	SEAL	1	
17	29745	YOKE - UPPER	1	
18	37655	YOKE - LOWER	1	
19	29761	OIL BAFFLE	1	
20	29762	LOCKING PLATE	5	
21	29777	GEAR - 46 TEETH	1	
22	29778	GEAR - 54 TEETH	1	780
23	29855	GEAR - 58 TEETH	1	& 780A
24	29856	GEAR - 46 TEETH	1	
25	37788	CAP	1	
26	37764	SPACER - .1800" THICK	A.R.	
	37765	SPACER - .1850" THICK	A.R.	
	37766	SPACER - .1900" THICK	A.R.	
	37767	SPACER - .1950" THICK	A.R.	
	37768	SPACER - .2000" THICK	A.R.	
	37769	SPACER - .2050" THICK	A.R.	
	37770	SPACER - .2100" THICK	A.R.	
27	37771	SPACER - .2150" THICK	A.R.	
	37772	SPACER - .2200" THICK	A.R.	
	37773	SPACER - .2250" THICK	A.R.	
	37774	SPACER - .2300" THICK	A.R.	
	37794	SPACER - .2350" THICK	A.R.	
	37795	SPACER - .2400" THICK	A.R.	
	37799	SPACER - .1750" THICK	A.R.	

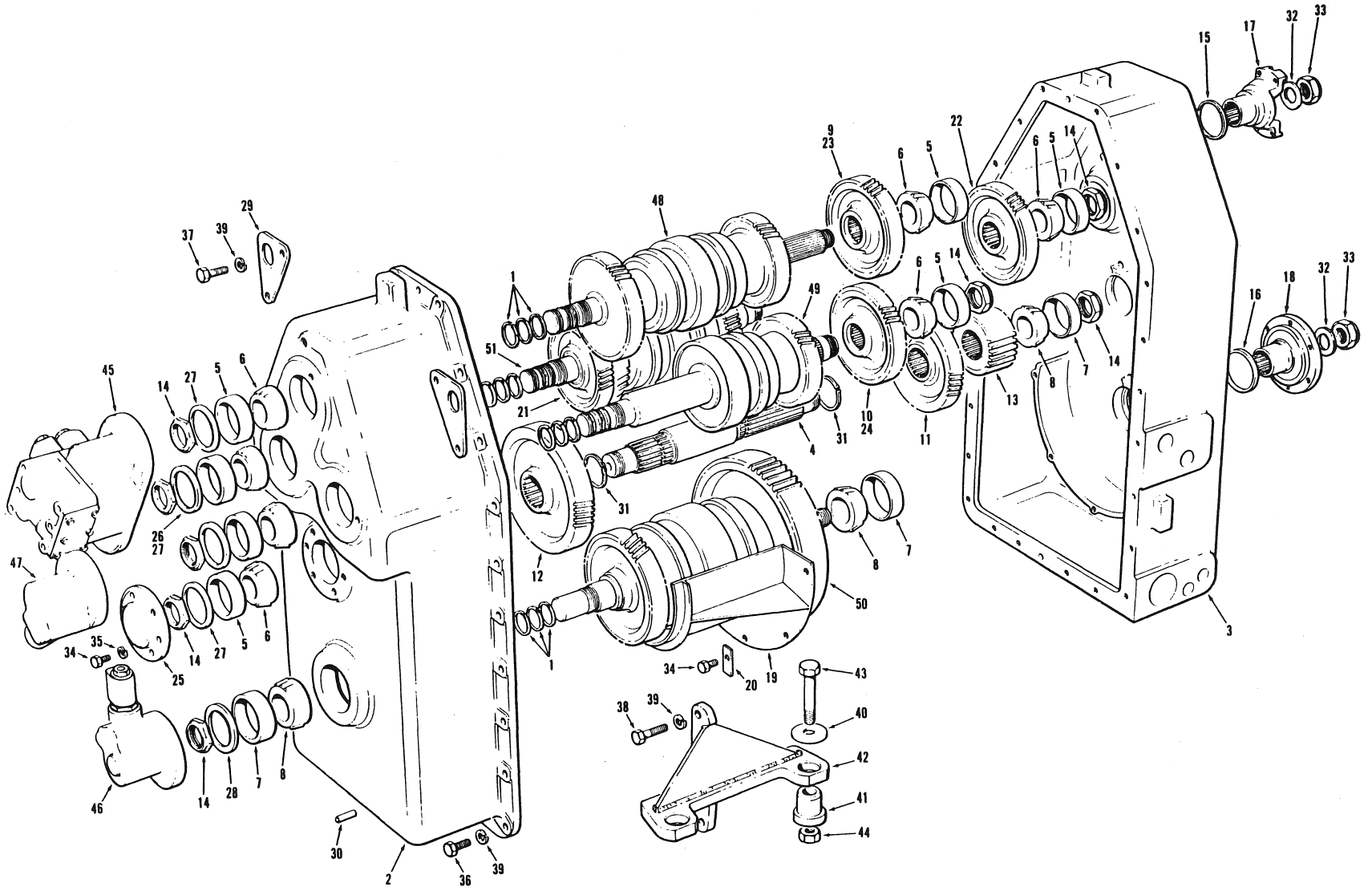
No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	37776	SPACER - .1900" THICK	A.R.	
	37777	SPACER - .1950" THICK	A.R.	
	37778	SPACER - .2000" THICK	A.R.	
	37779	SPACER - .2050" THICK	A.R.	
	37780	SPACER - .2100" THICK	A.R.	
	37781	SPACER - .2150" THICK	A.R.	
28	37782	SPACER - .2200" THICK	A.R.	
	37783	SPACER - .2250" THICK	A.R.	
	37784	SPACER - .2300" THICK	A.R.	
	37796	SPACER - .2350" THICK	A.R.	
	37797	SPACER - .1800" THICK	A.R.	
	37798	SPACER - .1850" THICK	A.R.	
29	45035	LIFT EYE	2	
30	13D-1616	DOWEL PIN	2	
31	19C-237	SNAP RING	2	
32	14D-20	FLATWASHER	2	
33	37M-20	LOCKNUT	2	
34	50A-0608	BOLT	11	
35	14A-06	LOCKWASHER	6	
36	50A-0812	BOLT	14	
37	50A-0814	BOLT	4	
38	50A-0818	BOLT	6	
39	14A-08	LOCKWASHER	24	
		TRANSMISSION MOUNTS		
40	11966	FLATWASHER	4	
41	17674	RUBBER MOUNT	4	
42	41718	MOUNT	2	
43	51A-1028	BOLT	4	
44	37J-10	LOCKNUT	4	
45		CAP - MAIN CONTROL VALVE	REF.	SECTION 6 PAGE 8
46		CAP - RANGE CONTROL VALVE		
47		CAP - REVERSE CONTROL VALVE		
48		INPUT CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 10
49		REVERSE CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 12
50		OUTPUT CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 14
51		INTERMEDIATE CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 16

EFFECTIVE SERIAL NUMBER(S) 20719 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S) EXCLUDING 20731
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 6
SECCION

PAGE 3
PAGINA



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 6

TRANSMISSION ASSEMBLIES - MODEL 8400

SEPTEMBER 1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

TRANSMISSION ASSEMBLIES - MODEL 8400

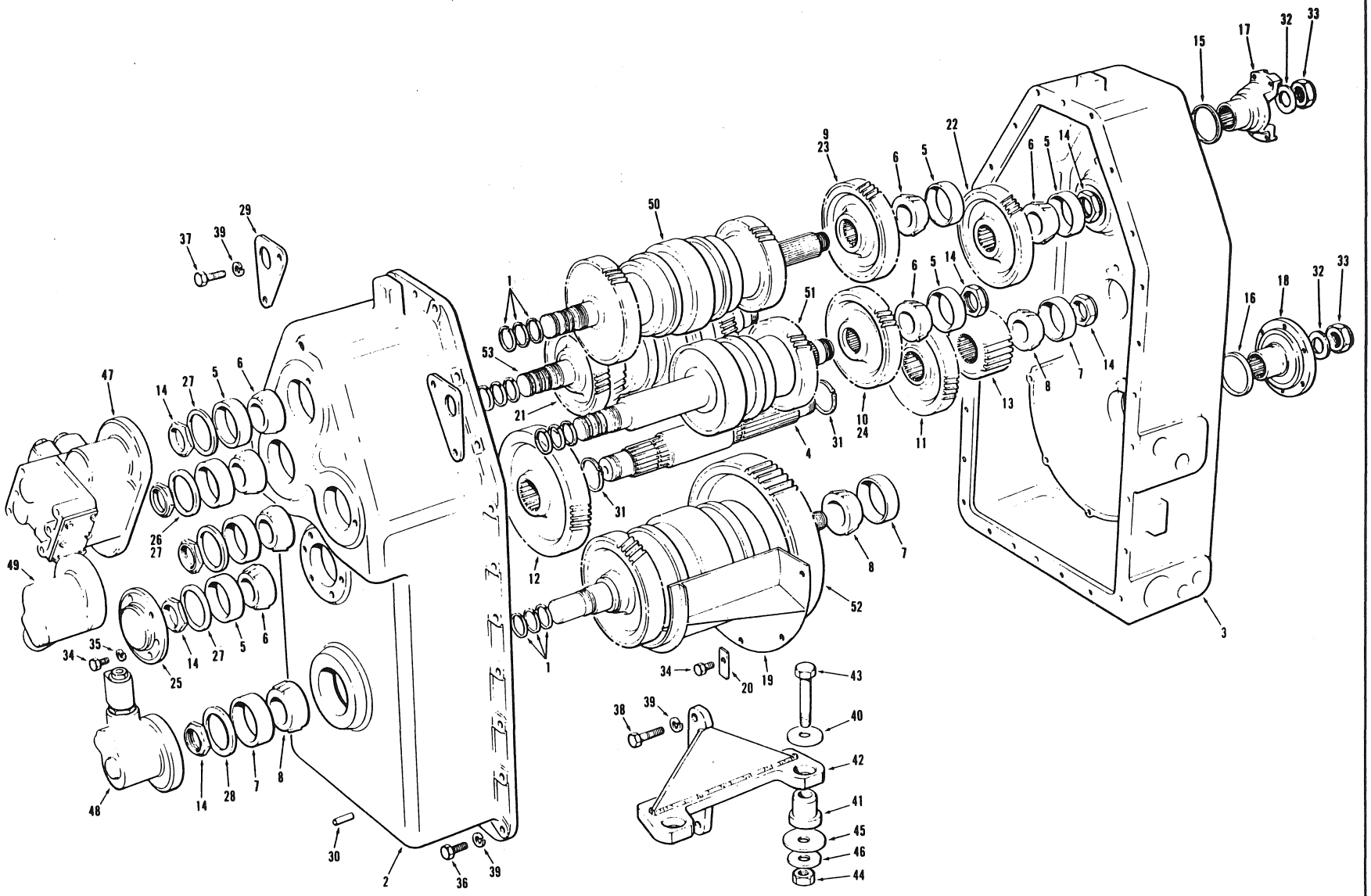
No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	*58076	**TRANSMISSION ASSEMBLY - STANDARD - INCLUDES ITEMS 1 TO 22 & 25 TO 51**	1	EXCEPT 780/780A
	*58077	**TRANSMISSION ASSEMBLY - HIGH SPEED REVERSE - INCLUDES ITEMS 1 TO 8 & 11 TO 51**	1	780/780A
1	16814	PISTON RING	12	
2	29700	FRONT CASE	1	
3	51284	REAR CASE	1	
4	29706	2nd. INTERMEDIATE SHAFT	1	
5	29707	CUP	7	
6	29708	CONE	7	
7	29709	CUP	3	
8	29710	CONE	3	
9	29721	GEAR - 52 TEETH - L.H.	1	EXCEPT 780/780A
10	29722	GEAR - 52 TEETH - R.H.	1	EXCEPT 780/780A
11	29725	GEAR - 52 TEETH	1	
12	29726	GEAR - 70 TEETH	1	
13	29727	GEAR - 24 TEETH	1	
14	29728	LOCKNUT	8	
15	29743	SEAL	1	
16	29744	SEAL	1	
17	29745	YOKE - UPPER	1	
18	37655	YOKE - LOWER	1	
19	29761	OIL BAFFLE	1	
20	29762	LOCKING PLATE	5	
21	29777	GEAR - 46 TEETH	1	
22	29778	GEAR - 54 TEETH	1	780 & 780A
23	29855	GEAR - 58 TEETH	1	780 & 780A
24	29856	GEAR - 46 TEETH	1	780 & 780A
25	37788	CAP	1	
26	37764	SPACER - .1800" THICK	1	
	37765	SPACER - .1850" THICK	1	
27	37766	SPACER - .1900" THICK	1	
	37767	SPACER - .1950" THICK	4	
	37768	SPACER - .2000" THICK	4	
	37769	SPACER - .2050" THICK	4	
	37770	SPACER - .2100" THICK	4	
	37771	SPACER - .2150" THICK	4	
	37772	SPACER - .2200" THICK	4	
	37773	SPACER - .2250" THICK	4	
	37774	SPACER - .2300" THICK	4	
	37794	SPACER - .2350" THICK	4	
	37795	SPACER - .2400" THICK	4	
	37799	SPACER - .1750" THICK	4	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
28	37776	SPACER - .1900" THICK	1	
	37777	SPACER - .1950" THICK	1	
	37778	SPACER - .2000" THICK	1	
	37779	SPACER - .2050" THICK	1	
	37780	SPACER - .2100" THICK	1	
	37781	SPACER - .2150" THICK	1	
	37782	SPACER - .2200" THICK	1	
	37783	SPACER - .2250" THICK	1	
	37784	SPACER - .2300" THICK	1	
	37796	SPACER - .2350" THICK	1	
	37797	SPACER - .1800" THICK	1	
	37798	SPACER - .1850" THICK	1	
29	45035	LIFT EYE	2	
30	13D-1616	DOWEL PIN	2	
31	19C-237	SNAP RING	2	
32	14D-20	FLATWASHER	2	
33	37M-20	LOCKNUT	2	
34	50A-0608	BOLT	11	
35	14A-06	LOCKWASHER	6	
36	50A-0812	BOLT	14	
37	50A-0814	BOLT	4	
38	50A-0818	BOLT	6	
39	14A-08	LOCKWASHER	24	
		TRANSMISSION MOUNTS		
40	11966	FLATWASHER	4	
41	*56906	RUBBER MOUNT	4	
42	*58074	MOUNT	2	
43	51A-1028	BOLT	4	
44	37J-10	LOCKNUT	4	
45		CAP - MAIN CONTROL VALVE	REF.	SECTION PAGE 7
46		CAP - RANGE CONTROL VALVE	REF.	SECTION PAGE 7
47		CAP - REVERSE CONTROL VALVE	REF.	SECTION PAGE 7
48		INPUT CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 9
49		REVERSE CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 11
50		OUTPUT CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 13
51		INTERMEDIATE CLUTCH AND SHAFT ASSEMBLY	REF.	SECTION 6 PAGE 15

EFFECTIVE SERIAL NUMBER(S) 21053 to 21158,
NUMERO(S) DE SÉRIE EFFECTIF(S) 21168 & UP
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 6 PAGE 3
SECCION 6 PAGINA 3



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 7

TRANSMISSION ASSEMBLIES - MODEL 8400

JANUARY 1991

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	*58117	**TRANSMISSION ASSEMBLY - STANDARD** - INCLUDES ITEMS 1 to 22 , 25 to 39, 42 & 47 to 53	1	710 thru 750A
	*58118	**TRANSMISSION ASSEMBLY - HIGH SPEED REVERSE** - INCLUDES ITEMS 1 to 8, 11 to 39, 42 & 47 to 53	1	780/780A
1	16814	PISTON RING	12	
2	29700	FRONT CASE	1	
3	51284	REAR CASE	1	
4	29706	2nd. INTERMEDIATE SHAFT	1	
5	29707	CUP	7	
6	29708	CONE	7	
7	29709	CUP	3	
8	29710	CONE	3	
9	29721	GEAR - 52 TEETH - L.H.	1	710 thru 750A
10	29722	GEAR - 52 TEETH - R.H.	1	710 thru 750A
11	29725	GEAR - 52 TEETH	1	
12	29726	GEAR - 70 TEETH	1	
13	29727	GEAR - 24 TEETH	1	
14	29728	LOCKNUT	8	
15	29743	SEAL	1	
16	29744	SEAL	1	
17	29745	YOKE - UPPER	1	
18	37655	YOKE - LOWER	1	
19	29761	OIL BAFFLE	1	
20	29762	LOCKING PLATE	5	
21	29777	GEAR - 46 TEETH	1	
22	29778	GEAR - 54 TEETH	1	780/780A
23	29855	GEAR - 58 TEETH	1	780/780A
24	29856	GEAR - 46 TEETH	1	
25	37788	CAP	1	
26	37764	SPACER - .1800" THICK	1	
	37765	SPACER - .1850" THICK	1	
27	37766	SPACER - .1900" THICK	1	
	37767	SPACER - .1950" THICK	4	
	37768	SPACER - .2000" THICK	4	
	37769	SPACER - .2050" THICK	4	
	37770	SPACER - .2100" THICK	4	
	37771	SPACER - .2150" THICK	4	
	37772	SPACER - .2200" THICK	4	
	37773	SPACER - .2250" THICK	4	
	37774	SPACER - .2300" THICK	4	
	37794	SPACER - .2350" THICK	4	
	37795	SPACER - .2400" THICK	4	
	37799	SPACER - .1750" THICK	4	

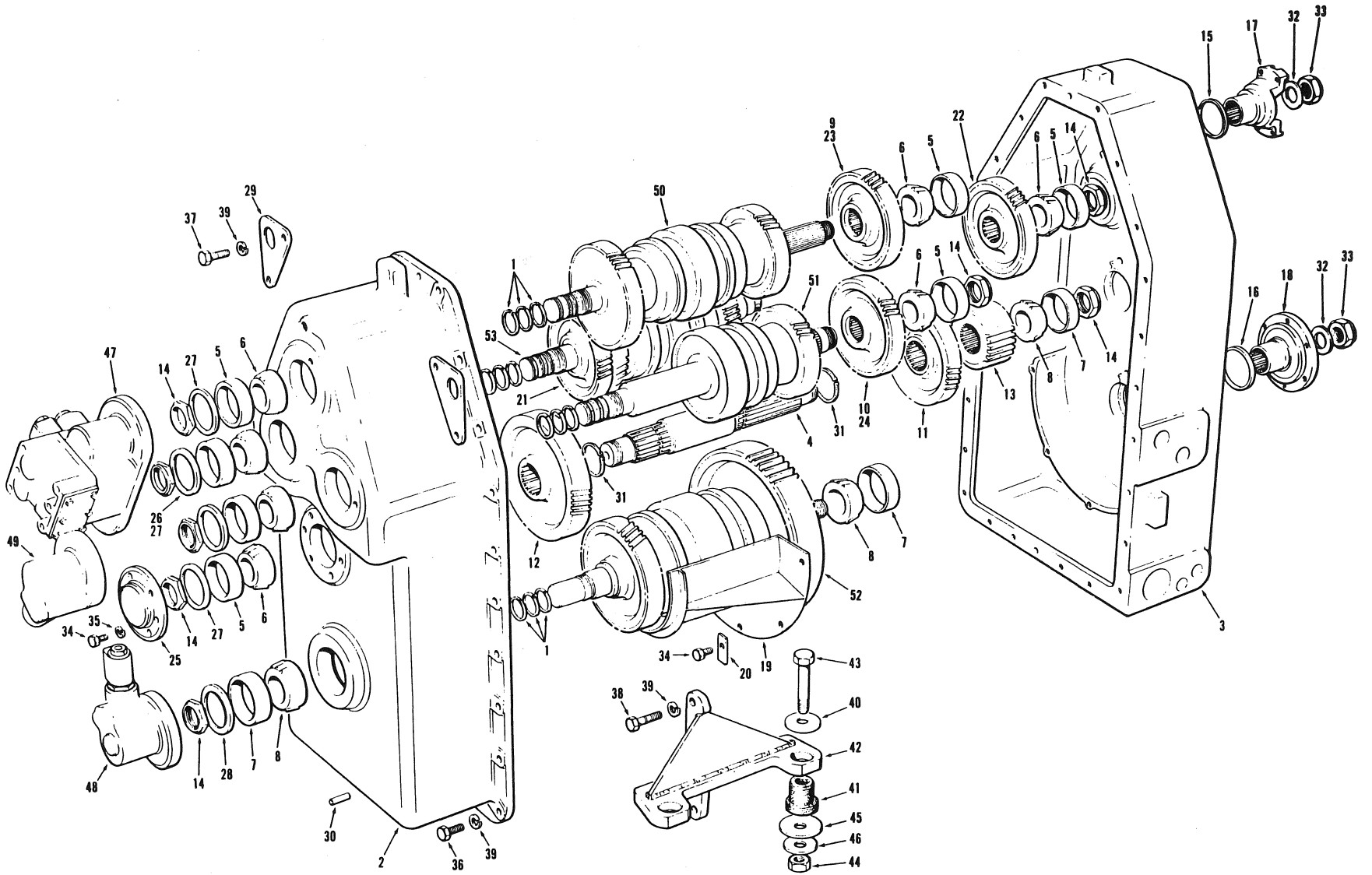
No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
28	37776	SPACER - .1900" THICK	1	
	37777	SPACER - .1950" THICK	1	
	37778	SPACER - .2000" THICK	1	
	37779	SPACER - .2050" THICK	1	
	37780	SPACER - .2100" THICK	1	
	37781	SPACER - .2150" THICK	1	
	37782	SPACER - .2200" THICK	1	
	37783	SPACER - .2250" THICK	1	
	37784	SPACER - .2300" THICK	1	
	37796	SPACER - .2350" THICK	1	
	37797	SPACER - .1800" THICK	1	
	37798	SPACER - .1850" THICK	1	
29	45035	LIFT EYE	2	
30	13D-1616	DOWEL PIN	2	
31	19C-237	SNAP RING	2	
32	14D-20	FLATWASHER	2	
33	37M-20	LOCKNUT	2	
34	50A-0608	BOLT	11	
35	14A-06	LOCKWASHER	6	
36	50A-0812	BOLT	14	
37	50A-0814	BOLT	4	
38	50A-0818	BOLT	6	
39	14A-08	LOCKWASHER	24	
		TRANSMISSION MOUNTS		
40	*59498	FLATWASHER	4	
41	56906	RUBBER MOUNT	4	
42	58074	MOUNT	2	
43	*51A-1030	BOLT	4	
44	37J-10	LOCKNUT	4	
45	*59499	WASHER	4	
46	*14C-10	WASHER	4	
47		CAP - MAIN CONTROL VALVE	REF.	Sect 6 Pg 7
48		CAP - RANGE CONTROL VALVE		
49		CAP - REVERSE CONTROL VALVE		
50		**INPUT CLUTCH AND SHAFT ASSEMBLY**	REF.	Sect 6 Pg 9
51		**REVERSE CLUTCH AND SHAFT ASSEMBLY**	REF.	Sect 6 Pg 11
52		**OUTPUT CLUTCH AND SHAFT ASSEMBLY**	REF.	Sect 6 Pg 13
53		**INTERMEDIATE CLUTCH AND SHAFT ASSEMBLY**	REF.	Sect 6 Pg 15

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21450 & UP

700 SERIES
SERIE 700

SECTION 6 PAGE 3
SECCION 6 PAGINA 3



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **8 REVISION A**

TRANSMISSION ASSEMBLIES - MODEL 8400

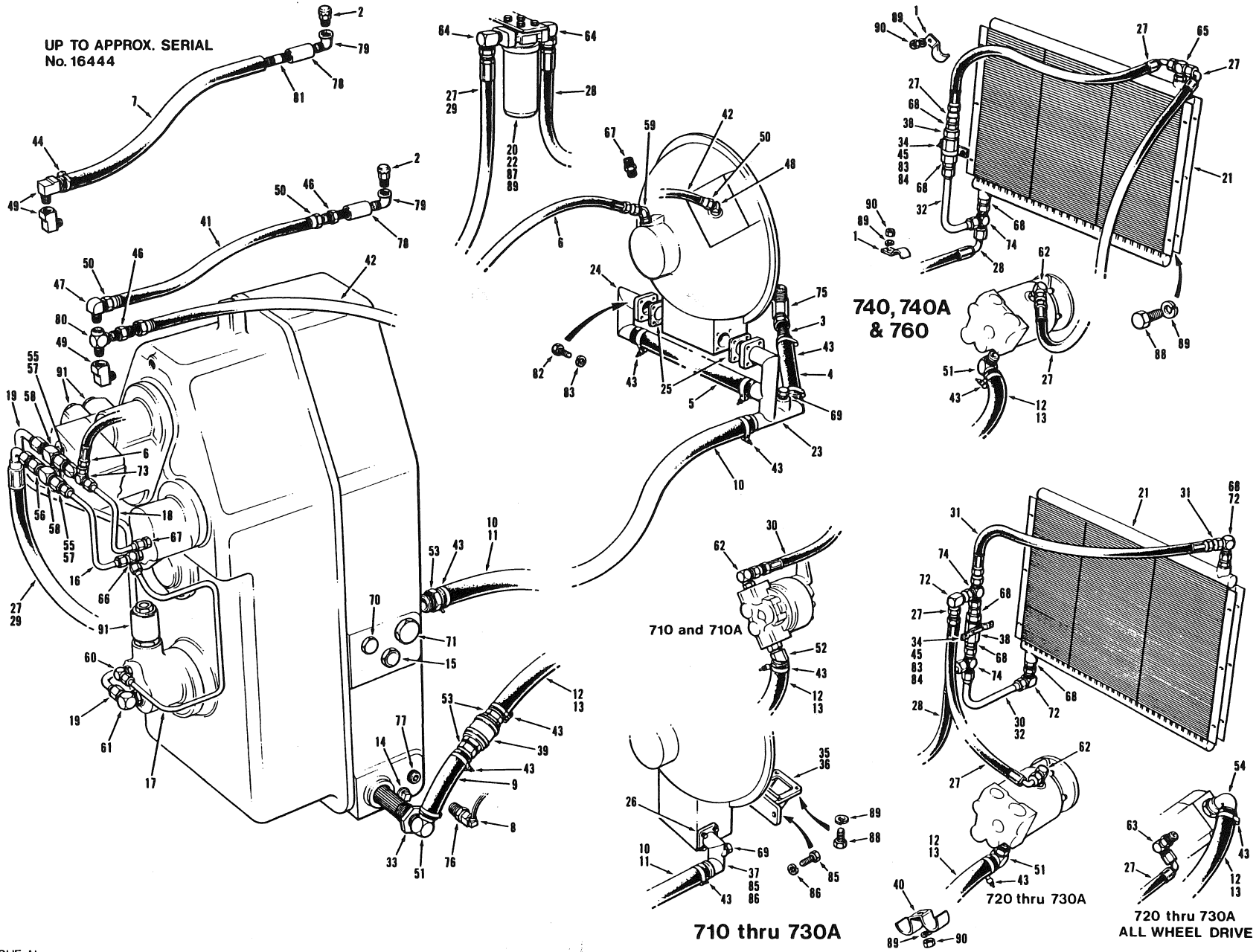
SEPTEMBER 1991

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	58683	**TRANSMISSION ASSEMBLY - STANDARD**	1	710 thru 750A
		- INCLUDES ITEMS 1 to 22 , 25 to 39, 42 & 47 to 53		
	58684	**TRANSMISSION ASSEMBLY - HIGH SPEED REVERSE**	1	780/780A
		- INCLUDES ITEMS 1 to 8, 11 to 39, 42 & 47 to 53		
1	16814	PISTON RING	12	
2	29700	FRONT CASE	1	
3	51284	REAR CASE	1	
4	29706	2nd. INTERMEDIATE SHAFT	1	
5	29707	CUP	7	
6	29708	CONE	7	
7	29709	CUP	3	
8	29710	CONE	3	
9	29721	GEAR - 52 TEETH - L.H.	1	710 thru 750A
10	29722	GEAR - 52 TEETH - R.H.	1	710 thru 750A
11	29725	GEAR - 52 TEETH	1	
12	29726	GEAR - 70 TEETH	1	
13	29727	GEAR - 24 TEETH	1	
14	29728	LOCKNUT	8	
15	29743	SEAL	1	
16	29744	SEAL	1	
17	29745	YOKE - UPPER	1	
18	37655	YOKE - LOWER	1	
19	29761	OIL BAFFLE	1	
20	29762	LOCKING PLATE	5	
21	29777	GEAR - 46 TEETH	1	
22	29778	GEAR - 54 TEETH	1	780/780A
23	29855	GEAR - 58 TEETH	1	780/780A
24	29856	GEAR - 46 TEETH	1	
25	37788	CAP	1	
26	37764	SPACER - .1800" THICK	1	
	37765	SPACER - .1850" THICK	1	
27	37766	SPACER - .1900" THICK	1	
	37767	SPACER - .1950" THICK	4	
	37768	SPACER - .2000" THICK	4	
	37769	SPACER - .2050" THICK	4	
	37770	SPACER - .2100" THICK	4	
	37771	SPACER - .2150" THICK	4	
	37772	SPACER - .2200" THICK	4	
	37773	SPACER - .2250" THICK	4	
	37774	SPACER - .2300" THICK	4	
	37794	SPACER - .2350" THICK	4	
	37795	SPACER - .2400" THICK	4	
	37799	SPACER - .1750" THICK	4	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
28	37776	SPACER - .1900" THICK	1	
	37777	SPACER - .1950" THICK	1	
	37778	SPACER - .2000" THICK	1	
	37779	SPACER - .2050" THICK	1	
	37780	SPACER - .2100" THICK	1	
	37781	SPACER - .2150" THICK	1	
	37782	SPACER - .2200" THICK	1	
	37783	SPACER - .2250" THICK	1	
	37784	SPACER - .2300" THICK	1	
	37796	SPACER - .2350" THICK	1	
	37797	SPACER - .1800" THICK	1	
	37798	SPACER - .1850" THICK	1	
29	45035	LIFT EYE	2	
30	13D-1616	DOWEL PIN	2	
31	19C-237	SNAP RING	2	
32	14D-20	FLATWASHER	2	
33	37M-20	LOCKNUT	2	
34	50A-0608	BOLT	11	
35	14A-06	LOCKWASHER	6	
36	50A-0812	BOLT	14	
37	50A-0814	BOLT	4	
38	50A-0818	BOLT	6	
39	14A-08	LOCKWASHER	24	
		TRANSMISSION MOUNTS		
40	59498	FLATWASHER	4	
41	*59908	RUBBER MOUNT	4	
	56906	RUBBER MOUNT - **SEE NOTE**	4	
42	58074	MOUNT	2	
43	51A-1030	BOLT	4	
44	37J-10	LOCKNUT	4	
45	*59956	WASHER - **SEE NOTE**	4	
	59499	WASHER	4	
46	14C-10	WASHER	4	
47		CAP - MAIN CONTROL VALVE	REF.	Sect 6 Pg 7
48		CAP - RANGE CONTROL VALVE	REF.	Sect 6 Pg 7
49		CAP - REVERSE CONTROL VALVE	REF.	Sect 6 Pg 7
50		**INPUT CLUTCH AND SHAFT ASSEMBLY**	REF.	Sect 6 Pg 9
51		**REVERSE CLUTCH AND SHAFT ASSEMBLY**	REF.	Sect 6 Pg 11
52		**OUTPUT CLUTCH AND SHAFT ASSEMBLY**	REF.	Sect 6 Pg 13
53		**INTERMEDIATE CLUTCH AND SHAFT ASSEMBLY**	REF.	Sect 6 Pg 15
	NOTE:	PART NUMBERS **59908 & 59956** ARE APPLICABLE TO SERIAL NUMBERS 21754 & UP EXCEPT 21789, 21797, 21801, 21805, 21813 & 21818		



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

16244, 16245 TO 16797

U.S. 2021-2 TO 2419-2

700 SERIES
SERIE 700

SECTION 6 PAGE 5
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION B

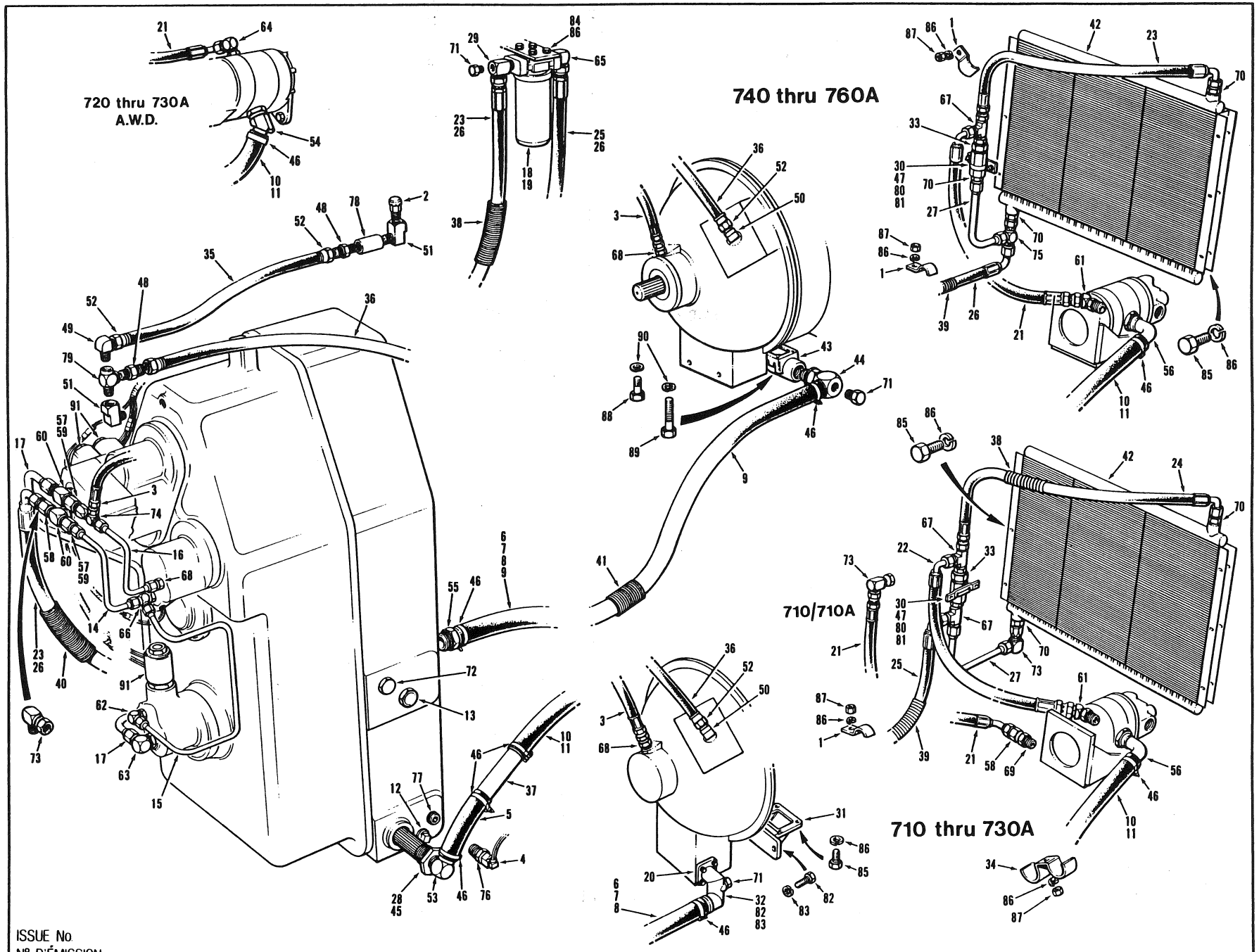
TRANSMISSION HYDRAULIC CIRCUIT

FEBRUARY 1988

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	3180	CLIP	A.R.	
2	4341	BREATHER	1	
3	8572-4	HALF NIPPLE	1	
4	8585 X 9	HOSE	1	
5	8585 X 13	HOSE	1	
6	9313 X 53.5	HOSE	1	
7	9513 X 25	HOSE	1	A.R.
8	15828	IMMERSION HEATER	1	OPTIONAL
9	17156 X 7	HOSE	1	
10	17156 X 28	HOSE	1	
11	17156 X 30.5	HOSE	1	710&710A
12	17156 X 105	HOSE	1	710,720, 730,740, &760
13	17156 X 142	HOSE	1	710A,720A, 730A&740A
14	27449	MAGNETIC PLUG	1	
15	29751	INDICATOR-OIL LEVEL - C/W GASKET	1	
16	29752	TUBE	1	
17	29753	TUBE	1	
18	29754	TUBE	1	
19	29755	TUBE	1	
20	37104	ELEMENT	1	
21	40128	OIL COOLER	1	
22	40217	FILTER ASSEMBLY - C/W ITEM 20	1	
23	40282	DRAIN-LH	1	
24	40285	DRAIN-RH	1	740,740A
25	40289	GASKET	2	& 760
26	40303	GASKET	1	710 THRU 730A
27	40308 X 49	HOSE	A.R.	
28	40308 X 83	HOSE	1	
29	40308 X 95	HOSE	1	710A,720A 730A,740A
30	40309 X 18	HOSE	2	710&710A
31	40309 X 52	HOSE	1	710 THRU 730A
32	40310	TUBE	1	720 THRU 760
33	40313	STRAINER	1	
34	40423	CLAMP BASE	1	
35	40700	DRAIN MANIFOLD	1	720,720A 730&730A
36	40701	DRAIN MANIFOLD	1	710&710A
37	40702	MANIFOLD ASSY.	1	710 THRU 730A
38	40727	CHECK VALVE	1	
39	40729	CHECK VALVE	1	
40	40854	CLAMP	A.R.	
41	41539 X 22	HOSE	1	
42	41539 X 42	HOSE	1	
43	22A-212	CLAMP	A.R.	
44	22B-12	CLAMP	A.R.	
45	22B-36	CLAMP	1	
46	101H-0806	CONNECTOR	2	
47	101J-0806	ELBOW	1	
48	101M-0806	ELBOW	1	
49	103P-06	ELBOW	A.R.	
50	106B-0808	HOSE END	4	
51	108A-2420	CONNECTER	A.R.	
52	108B-2420	CONNECTER	1	710&710A
53	*108C-2424	CONNECTER	3	
54	108G-2420	CONNECTER	1	720 THRU 730A AWD
55	110A-1208	REDUCER	2	
56	110AH-1612	ADAPTER	1	
57	110B-12	NUT	2	
58	110Y-1212	TEE	2	
59	111A-0808	CONNECTER	1	740&740A &760
60	111B-0808	CONNECTER	1	
61	111B-1212	CONNECTER	1	
62	111B-1612	CONNECTER	1	
63	111B-1616	CONNECTER	1	A.W.D.
64	111B-1620	CONNECTER	2	
65	111C-1616	TEE	1	740,740A &760
66	111D-0808	TEE	1	
67	111E-0808	CONNECTER	1	
			2	710 THRU 730A
68	111E-1616	CONNECTER	3	
69	111H-08	PLUG	1	
70	111H-16	PLUG	1	
71	111H-24	PLUG	A.R.	
72	112B-16	CONNECTER	2	710 THRU 730A
73	112C-08	TEE	1	
74	112C-16	TEE	A.R.	
75	113C-1216	CONNECTER	1	740,740A &760
76	115B-1208	REDUCER	1	OPTIONAL
77	115D-12	PLUG	1	A.R.
78	115G-06	COUPLING	1	REPAIR PART
79	115J-0606	ELBOW	1	
80	115V-0606	TEE	1	
81	115Z-0604	NIPPLE	A.R.	
82	50A-0410	BOLT	8	
83	14A-04	LOCKWASHER	10	
84	30A-04	NUT	2	
85	50A-0508	BOLT	6	
86	14A-05	LOCKWASHER	6	
87	50A-0606	BOLT	4	
88	50A-0608	BOLT	10	
89	14A-06	LOCKWASHER	A.R.	
90	30A-06	NUT	A.R.	
91		SOLENOID VALVE	REF.	SECTION 6 PAGES 7/8



EFFECTIVE SERIAL NUMBER(S) 16798 TO 17375 & 17379
NUMERO(S) DE SÉRIE EFFECTIF(S) TO 17381.
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2420-2 TO 2571-2

700 SERIES
SERIE 700

SECTION 6
SECCION
PAGE 5
PAGINA

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION A

TRANSMISSION HYDRAULIC CIRCUIT

MAY 1987

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USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

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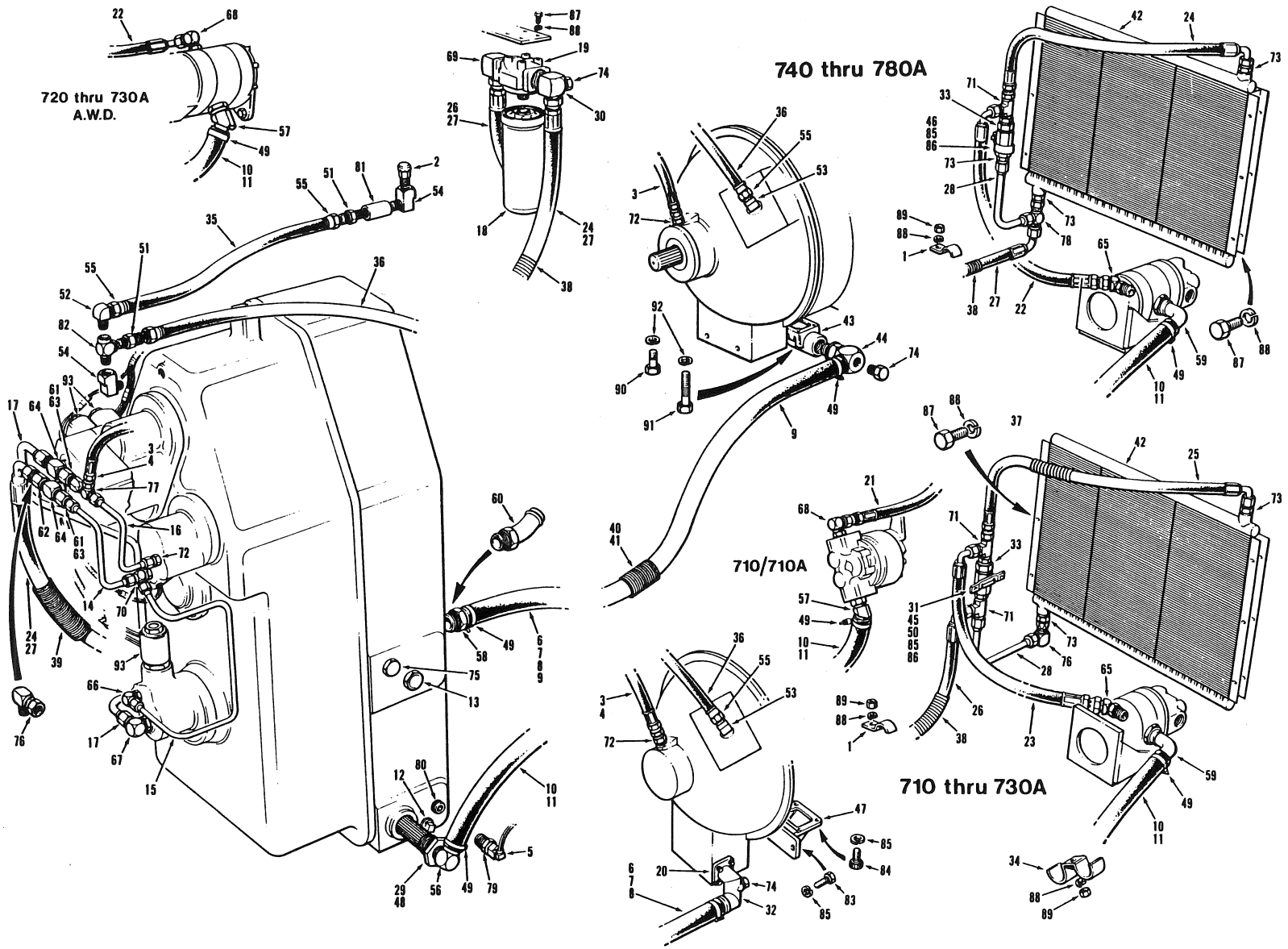
TRANSMISSION HYDRAULIC CIRCUIT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	3180	CLIP	A.R.	
2	4341	BREATHER	1	
3	9313 X 53.5	HOSE	1	
4	15828	IMMERSION HEATER	1	OPTIONAL
5	17156 X 7	HOSE	1	
6	17156 X 26	HOSE	1	720 & 730
7	17156 X 28	HOSE	1	720A & 730A
8	17156 X 31	HOSE	1	710 & 710A
9	17156 X 36	HOSE	1	740 THRU 760A
10	17156 X 105	HOSE	1	710 THRU 760
11	17156 X 118	HOSE	1	710A THRU 760A
12	27449	MAGNETIC PLUG	1	
13	29751	INDICATOR - OIL LEVEL - C/W GASKET	1	
14	29752	TUBE	1	
15	29753	TUBE	1	
16	29754	TUBE	1	
17	29755	TUBE	1	
18	37104	ELEMENT	1	
19	40217	FILTER ASSY. - C/W ITEM 18	1	
20	40303	GASKET	1	
21	40308 X 34	HOSE	A.R.	
22	40308 X 40	HOSE	1	710 THRU 730A
23	40308 X 49	HOSE	1	
24	*40308 X 52	HOSE	1	710 THRU 730A
25	40309 X 83	HOSE	A.R.	
26	40308 X 95	HOSE	A.R.	
27	40310	TUBE	1	
28	40313	STRAINER - C/W ITEM 45	1	
29	40402	CONNECTOR	1	
30	40423	CLAMP BASE	1	
31	40701	DRAIN MANIFOLD	1	710 THRU 730A
32	40702	MANIFOLD ASSEMBLY	1	
33	40727	CHECK VALVE	1	
34	40854	CLAMP	A.R.	
35	41539 X 22	HOSE	1	
36	41539 X 42	HOSE	1	
37	41622	CONNECTOR TUBE	1	
38	41647 X 6	HOSE WRAP	A.R.	
39	*41647 X 12	HOSE WRAP	1	
40	41647 X 16	HOSE WRAP	1	
41	41715 X 20	HOSE WRAP	1	
42	42054	OIL COOLER	1	
43	42281	DRAIN	1	740 THRU 760A
44	42305	CONNECTOR	1	
45	*12A-143	O RING	1	
46	22A-200	CLAMP	6	
47	22B-36	CLAMP	1	
48	101H-0806	CONNECTOR	2	
49	101J-0806	ELBOW	1	
50	*101M-0606	CONNECTOR	1	
51	103P-06	ELBOW	2	
52	106B-0808	HOSE END	4	
53	108A-2420	CONNECTOR	1	
54	108B-2420	CONNECTOR	1	A.W.D.
55	108C-2424	CONNECTOR	1	
56	108G-2420	CONNECTOR	1	
57	110A-1208	REDUCER	2	
58	110AH-1612	ADAPTER	A.R.	
59	110B-12	NUT	2	
60	110Y-1212	TEE	2	
61	111A-1612	CONNECTOR	1	
62	111B-0808	CONNECTOR	1	
63	111B-1212	CONNECTOR	1	
64	111B-1612	CONNECTOR	1	A.W.D.
65	111B-1620	CONNECTOR	1	
66	111D-0808	TEE	1	
67	*111D-1616	TEE	A.R.	
68	111E-0808	CONNECTOR	2	
69	111E-1212	CONNECTOR	1	710/710A
70	111E-1616	CONNECTOR	A.R.	
71	111H-08	PLUG	2	
72	111H-16	PLUG	1	
73	112B-16	CONNECTOR	A.R.	
74	112C-08	TEE	1	
75	112C-16	TEE	1	740 THRU 760A
76	115B-1208	REDUCER	1	OPTIONAL
77	115D-12	PLUG	A.R.	
78	115G-06	COUPLING	1	REPAIR PART
79	115V-0606	TEE	1	
80	14A-04	LOCKWASHER	1	
81	30A-04	NUT	2	
82	50A-0508	BOLT	6	
83	14A-05	LOCKWASHER	6	
84	50A-0606	BOLT	4	
85	50A-0608	BOLT	10	
86	14A-06	LOCKWASHER	17	
87	30A-06	NUT	3	
88	350A-10035	BOLT	2	
89	350A-10080	BOLT	2	
90	314A-10	LOCKWASHER	4	
91		SOLENOID VALVE	REF.	SECT. 6 PAGE 8

EFFECTIVE SERIAL NUMBER(S) 17376,17377,17378,
NUMERO(S) DE SÉRIE EFFECTIF(S) 17382 UP TO 17932
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2572-2 & UP

700 SERIES
SERIE 700

SECTION 6 PAGE 5
SECCION 6 PAGINA 5



ISSUE No.
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Nº DE EDICION 3 REVISION A

TRANSMISSION HYDRAULIC CIRCUIT

MAY 1987

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

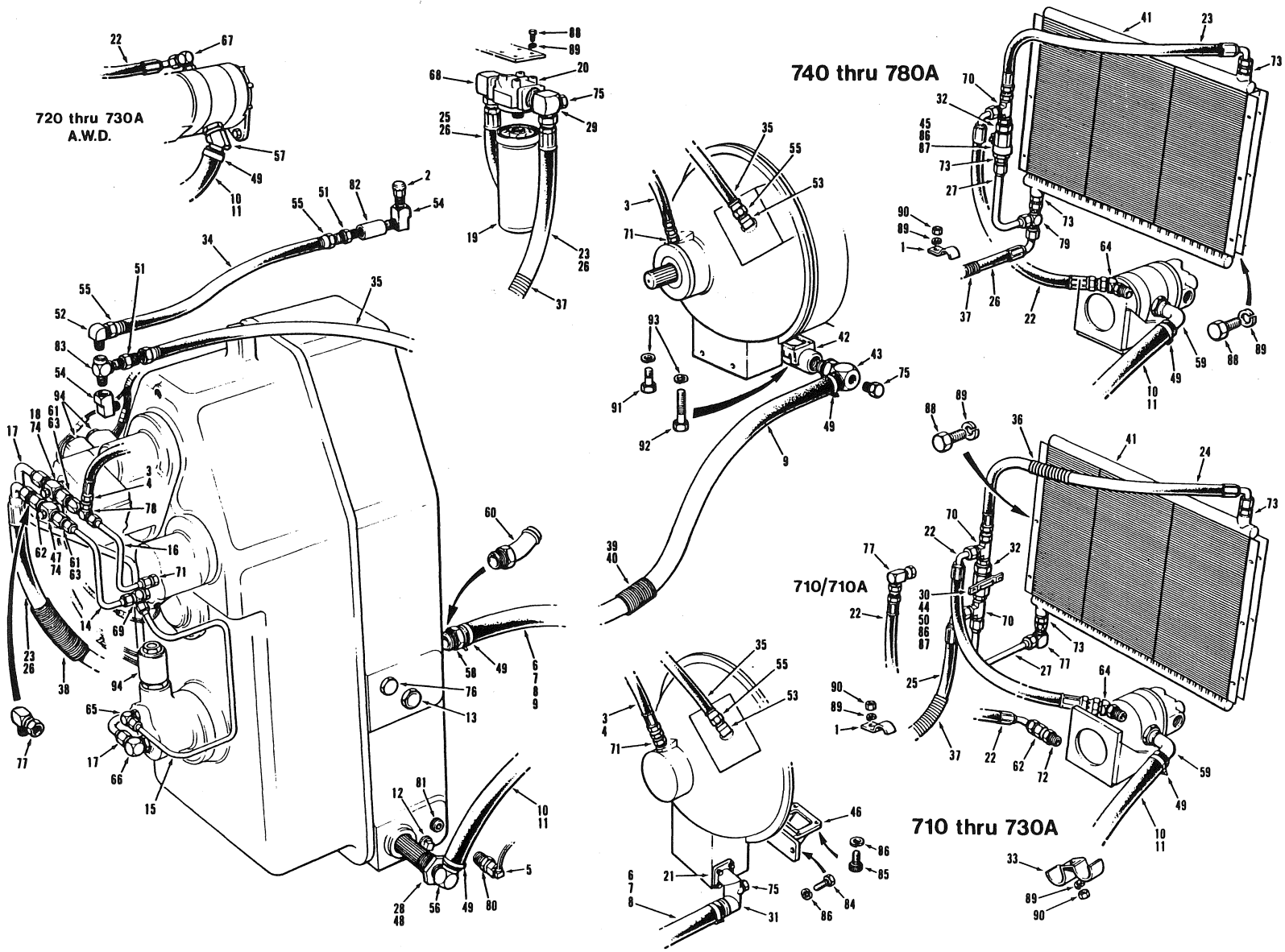
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

TRANSMISSION HYDRAULIC CIRCUIT

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	3180	CLIP	2	
2	4341	BREATHER	1	
3	9313 X 53.5	HOSE	1	
4	14382 X 63	HOSE	1	710/710A
5	15828	IMMERSION HEATER	1	OPTIONAL
6	17156 X 26	HOSE	1	720 & 730
7	17156 X 28	HOSE	1	720A, 730A
8	17156 X 31	HOSE	1	710 & 710A
9	17156 X 36	HOSE	1	740 THRU 780A
10	17156 X 105	HOSE	1	710 THRU 780
11	17156 X 118	HOSE	1	710A THRU 780A
12	27449	MAGNETIC PLUG	1	
13	29751	INDICATOR - OIL LEVEL - C/W GASKET	1	
14	29752	TUBE	1	
15	29753	TUBE	1	
16	29754	TUBE	1	
17	29755	TUBE	1	
18	37104	ELEMENT	1	
19	40217	FILTER ASSEMBLY - C/W ITEM 18	1	
20	40303	GASKET	1	
21	40308 X 18	HOSE	1	710/710A
22	40308 X 34	HOSE	1	
23	40308 X 40	HOSE	1	720-730A
24	40308 X 49	HOSE	A.R.	
25	40308 X 52	HOSE	1	710 THRU 730A
26	40308 X 83	HOSE	1	
27	40308 X 95	HOSE	A.R.	
28	40310	TUBE	1	
29	40313	STRAINER - C/W ITEM 48	1	
30	40402	CONNECTOR	1	
31	40423	CLAMP BASE	1	
32	40702	MANIFOLD ASSEMBLY	1	710-730A
33	40727	CHECK VALVE	1	
34	40854	CLAMP	2	
35	41539 X 26	HOSE	1	
36	41539 X 48	HOSE	1	
37	41646 X 6	HOSE WRAP	A.R.	
38	41647 X 12	HOSE WRAP	2	
39	41647 X 16	HOSE WRAP	1	710/710A
40	41715 X 16	HOSE WRAP	1	
41	41715 X 20	HOSE WRAP	1	
42	42054	OIL COOLER	1	
43	42281	DRAIN	1	740 THRU 780A
44	42305	ELBOW	1	
45	43389	SPACER	1	
46	*44374	CLAMP	1	
47	*44794	DRAIN MANIFOLD	1	710-730A
48	12A-143	O RING	1	
49	22A-200	CLAMP	4	
50	22B-28	CLAMP	1	
51	101H-0806	CONNECTOR	2	
52	101J-0806	ELBOW	1	
53	*101M-0606	CONNECTOR	1	
54	103P-06	ELBOW	2	
55	106B-0808	HOSE END	4	
56	108A-2420	CONNECTOR	1	
57	108B-2420	CONNECTOR	1	710/710A
			1	A.W.D.
58	108C-2424	CONNECTOR	1	710A-780A
59	108G-2420	CONNECTOR	1	
60	*108H-2424	CONNECTOR	1	710-780
61	110A-1208	REDUCER	2	
62	110AH-1612	ADAPTER	2	
63	110B-12	NUT	2	
64	110Y-1212	TEE	2	
65	111A-1612	CONNECTOR	1	
66	111B-0808	CONNECTOR	1	
67	111B-1212	CONNECTOR	1	
68	111B-1612	CONNECTOR	1	710/710A A.W.D.
69	111B-1620	CONNECTOR	1	
70	111D-0808	TEE	1	
71	111D-1616	TEE	A.R.	
72	111E-0808	CONNECTOR	2	
73	111E-1616	CONNECTOR	A.R.	
74	111H-08	PLUG	2	
75	111H-16	PLUG	1	
76	112B-16	CONNECTOR	A.R.	
77	112C-08	TEE	1	
78	112C-16	TEE	1	740-780A
79	115B-1208	REDUCER	1	
80	115D-12	PLUG	1	
81	115G-06	COUPLING	1	REPAIR PART
82	115V-0606	TEE	1	
83	50A-0508	BOLT	4	
84	50D-0507	BOLT	6	
85	14A-05	LOCKWASHER	10	
86	30A-05	NUT	2	
87	50A-0608	BOLT	10	
88	14A-06	LOCKWASHER	16	
89	30A-06	NUT	2	
90	350A-10035	BOLT	2	
91	350A-10080	BOLT	2	
92	314A-10	LOCKWASHER	4	
93		SOLENOID VALVE	REF.	SECTION 6 PAGE 8

EFFECTIVE SERIAL NUMBER(S) 17933 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)



700 SERIES
SERIE 700

SECTION 6 PAGE 5
SECCION 6 PAGINA 5

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TRANSMISSION HYDRAULIC CIRCUIT

MAY 1987

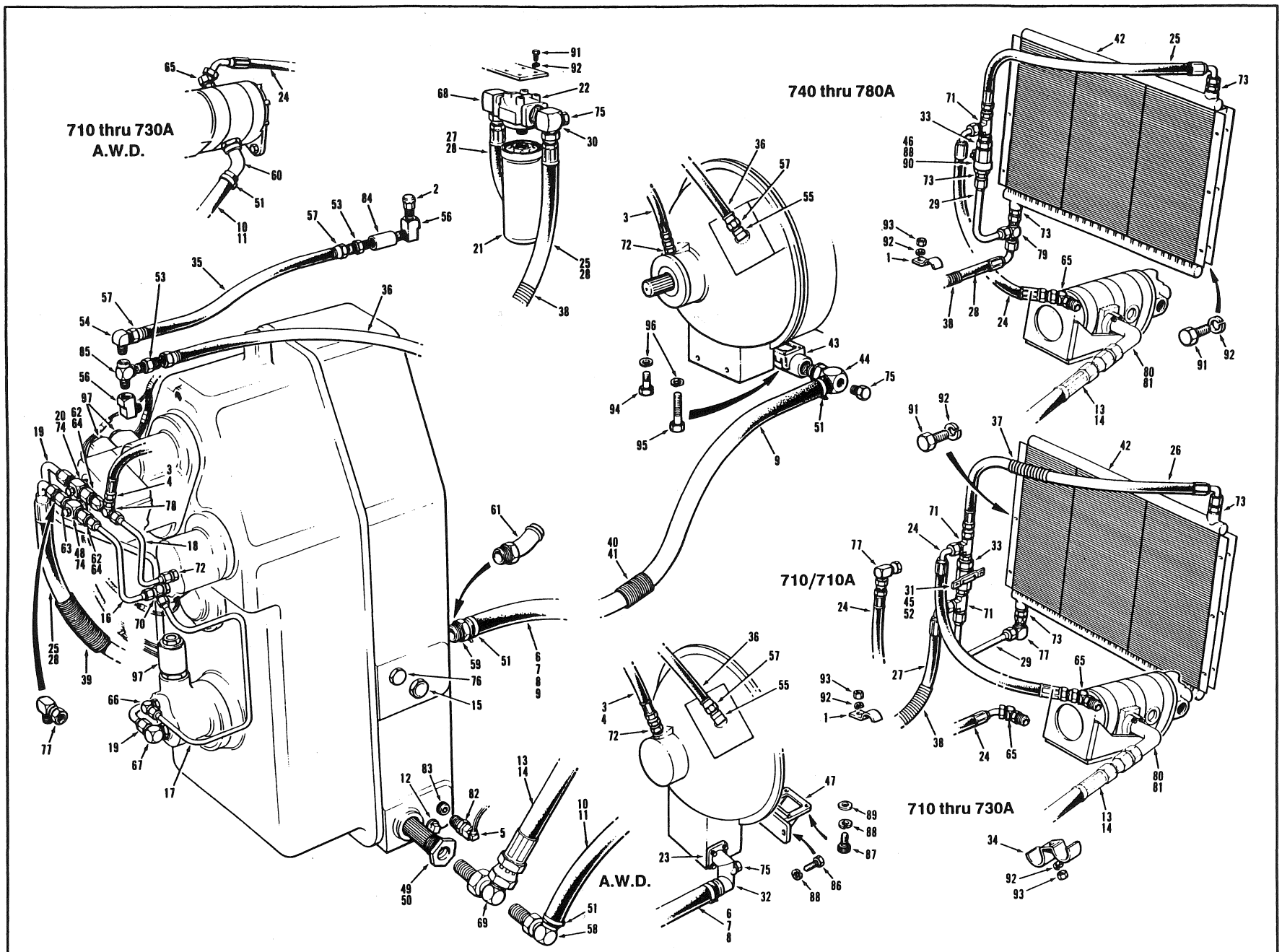
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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

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TRANSMISSION HYDRAULIC CIRCUIT

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	3180	CLIP	1	
2	4341	BREATHER	1	
3	9313 X 53.5	HOSE	1	
4	14382 X 63	HOSE	1	710/710A
5	15828	IMMERSION HEATER	1	OPTIONAL
6	17156 X 26	HOSE	1	720 & 730
7	17156 X 28	HOSE	1	720A, 730A
8	17156 X 31	HOSE	1	710 & 710A
9	17156 X 36	HOSE	1	740 THRU 780A
10	17156 X 105	HOSE	1	710 THRU 780
11	17156 X 118	HOSE	1	710A THRU 780A
12	27449	MAGNETIC PLUG	1	
13	29751	INDICATOR - OIL LEVEL - C/W GASKET	1	
14	29752	TUBE	1	
15	29753	TUBE	1	
16	29754	TUBE	1	
17	29755	TUBE	1	
18	*29787	TEE	1	
19	37104	ELEMENT	1	
20	40217	FILTER ASSEMBLY - C/W ITEM 19	1	
21	40303	GASKET	1	
22	40308 X 34	HOSE	A.R.	
23	40308 X 49	HOSE	1	
24	40308 X 52	HOSE	1	
25	40308 X 83	HOSE	1	
26	40308 X 95	HOSE	1	
27	40310	TUBE	1	
28	40313	STRAINER - C/W ITEM 48	1	
29	40402	CONNECTOR	1	
30	40423	CLAMP BASE	1	
31	40702	MANIFOLD ASSEMBLY	1	
32	40727	CHECK VALVE	1	
33	40854	CLAMP	2	
34	41539 X 26	HOSE	1	
35	41539 X 48	HOSE	1	
36	41646 X 6	HOSE WRAP	1	
37	41647 X 12	HOSE WRAP	2	
38	41647 X 16	HOSE WRAP	1	
39	41715 X 16	HOSE WRAP	1	710/710A
40	41715 X 20	HOSE WRAP	1	
41	42054	OIL COOLER	1	
42	42281	DRAIN	1	
43	42305	ELBOW	1	
44	43389	SPACER	1	
45	*44374	CLAMP	1	
46	*44794	DRAIN MANIFOLD	1	710 THRU 730A
47	*44915	TEE	1	
48	12A-143	O RING	1	
49	22A-200	CLAMP	4	
50	22B-28	CLAMP	1	
51	101H-0806	CONNECTOR	2	
52	101J-0806	ELBOW	1	
53	*101M-0606	CONNECTOR	1	
54	103P-06	ELBOW	2	
55	106B-0808	HOSE END	4	
56	108A-2420	CONNECTOR	1	
57	108B-2420	CONNECTOR	1	A.W.D.
58	108C-2424	CONNECTOR	1	
59	108G-2420	CONNECTOR	1	
60	*108H-2424	CONNECTOR	1	
61	110A-1208	REDUCER	2	
62	110AH-1612	ADAPTOR	A.R.	
63	110B-12	NUT	2	
64	111A-1612	CONNECTOR	1	
65	111B-0808	CONNECTOR	1	
66	111B-1212	CONNECTOR	1	
67	111B-1612	CONNECTOR	1	710/710A A.W.D.
68	111B-1620	CONNECTOR	1	
69	111D-0808	TEE	1	
70	111D-1616	TEE	A.R.	
71	111E-0808	CONNECTOR	2	
72	111E-1212	CONNECTOR	1	710/710A
73	111E-1616	CONNECTOR	A.R.	
74	111H-04	PLUG	2	
75	111H-08	PLUG	2	
76	111H-16	PLUG	1	
77	112B-16	CONNECTOR	A.R.	
78	112C-08	TEE	1	
79	112C-16	TEE	1	740-780A
80	115B-1208	REDUCER	1	
81	115D-12	PLUG	1	
82	115G-06	COUPLING	1	REPAIR PART
83	115V-0606	TEE	1	
84	50A-0508	BOLT	4	
85	50D-0507	BOLT	6	
86	14A-05	LOCKWASHER	10	
87	30A-05	NUT	2	
88	50A-0608	BOLT	10	
89	14A-06	LOCKWASHER	16	
90	30A-06	NUT	6	
91	350A-10035	BOLT	2	
92	350A-10080	BOLT	2	
93	314A-10	LOCKWASHER	4	
94		SOLENOID VALVE	REF.	SECTION 6 PAGE 8



TRANSMISSION HYDRAULIC CIRCUIT

FEBRUARY 1988

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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 18467 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

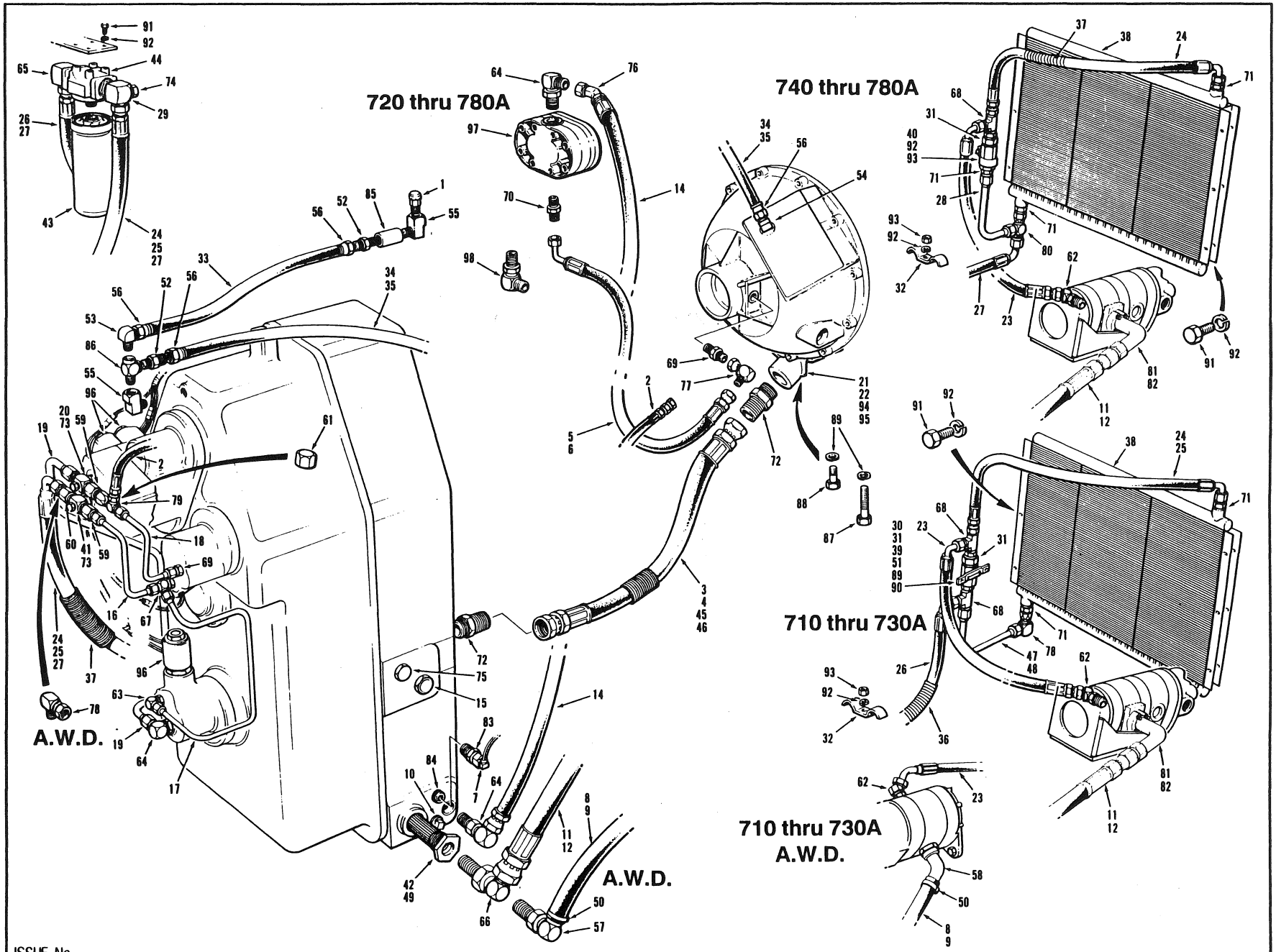
SECTION 6 PAGE 5
SECCION 6 PAGINA 5

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

TRANSMISSION HYDRAULIC CIRCUIT

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	3180	CLIP	1	
2	4341	BREATHER	1	
3	9313 X 53.5	HOSE	1	
4	14382 X 63	HOSE	1	710/710A
5	15828	IMMERSION HEATER	1	OPTIONAL
6	17156 X 26	HOSE	1	720 & 730
7	17156 X 28	HOSE	1	720A, 730A
8	17156 X 31	HOSE	1	710 & 710A
9	17156 X 36	HOSE	1	740 THRU 780A
10	17156 X 105	HOSE	1	A.W.D. RIGID
11	17156 X 118	HOSE	1	A.W.D. ARTIC.
12	27449	MAGNETIC PLUG	1	
13	*27739 X 105	HOSE	1	710 THRU 780
14	*27739 X 118	HOSE	1	710A THRU 780A
15	29751	INDICATOR - OIL LEVEL - C/W GASKET	1	
16	29752	TUBE	1	
17	29753	TUBE	1	
18	29754	TUBE	1	
19	29755	TUBE	1	
20	29787	TEE	1	
21	37104	ELEMENT	1	
22	40217	FILTER ASSEMBLY - C/W ITEM 21	1	
23	40303	GASKET	1	
24	40308 X 34	HOSE	A.R.	
25	40308 X 49	HOSE	1	
26	40308 X 52	HOSE	1	
27	40308 X 83	HOSE	1	
28	40308 X 95	HOSE	1	
29	40310	TUBE	1	
30	40402	CONNECTOR	1	
31	40423	CLAMP BASE	1	
32	40702	MANIFOLD ASSEMBLY	1	
33	40727	CHECK VALVE	1	
34	40854	CLAMP	2	
35	41539 X 26	HOSE	1	
36	41539 X 48	HOSE	1	
37	41646 X 6	HOSE WRAP	1	
38	41647 X 12	HOSE WRAP	2	
39	41647 X 16	HOSE WRAP	1	
40	41715 X 16	HOSE WRAP	1	
41	41715 X 20	HOSE WRAP	1	
42	42054	OIL COOLER	1	
43	42281	DRAIN	1	
44	42305	ELBOW	1	
45	43389	SPACER	1	
46	44374	CLAMP	1	
47	44794	DRAIN MANIFOLD	1	710 THRU 730A
48	44915	TEE	1	
49	*46042	STRAINER - C/W ITEM 50	1	
50	12A-143	O RING	1	
51	22A-200	CLAMP	4	
52	22B-28	CLAMP	1	
53	101H-0806	CONNECTOR	2	
54	101J-0806	ELBOW	1	
55	101M-0606	CONNECTOR	1	
56	103P-06	ELBOW	2	
57	106B-0808	HOSE END	4	
58	*108A-2424	CONNECTOR	1	A.W.D.
59	108C-2424	CONNECTOR	1	
60	108H-2420	CONNECTOR	1	
61	108H-2424	CONNECTOR	1	
62	110A-1208	REDUCER	2	
63	110AH-1612	ADAPTOR	A.R.	
64	110B-12	NUT	2	
65	111A-1612	CONNECTOR	1	
66	111B-0808	CONNECTOR	1	
67	111B-1212	CONNECTOR	1	
68	111B-1620	CONNECTOR	1	
69	*111B-2424	CONNECTOR	1	
70	111D-0808	TEE	1	
71	111D-1616	TEE	A.R.	
72	111E-0808	CONNECTOR	2	
73	111E-1616	CONNECTOR	A.R.	
74	111H-04	PLUG	2	
75	111H-08	PLUG	2	
76	111H-16	PLUG	1	
77	112B-16	CONNECTOR	A.R.	
78	112C-08	TEE	1	
79	112C-16	TEE	1	740-780A
80	*114C-2420	FLANGE	1	
81	*114D-20	FLANGE	1	
82	115B-1208	REDUCER	1	
83	115D-12	PLUG	1	
84	115G-06	COUPLING	1	REPAIR PART
85	115V-0606	TEE	1	
86	50A-0508	BOLT	4	
87	50D-0507	BOLT	6	
88	14A-05	LOCKWASHER	10	
89	*14C-05	FLATWASHER	6	
90	30A-05	NUT	2	
91	50A-0608	BOLT	10	
92	14A-06	LOCKWASHER	16	
93	30A-06	NUT	6	
94	350A-10035	BOLT	2	
95	350A-10080	BOLT	2	
96	314A-10	LOCKWASHER	4	
97		SOLENOID VALVE	REF.	SECTION 6 PAGE 8
	NOTE	FA-310 INCLUDES ITEMS - 14,49,69,80 & 81	REF.	
		FA-311 INCLUDES ITEMS - 13,49,69,80 & 81	REF.	
		FA-312 INCLUDES ITEMS - 49,69,80,81 & 27739 X 82 HOSE	REF.	



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TRANSMISSION HYDRAULIC CIRCUIT

JULY 1989

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EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

Models 710 thru 730A - 19340 & UP
Models 740 thru 780A - 19651 & UP

700 SERIES
SERIE 700

SECTION 6
SECCION 6
PAGE 5
PAGINA 5

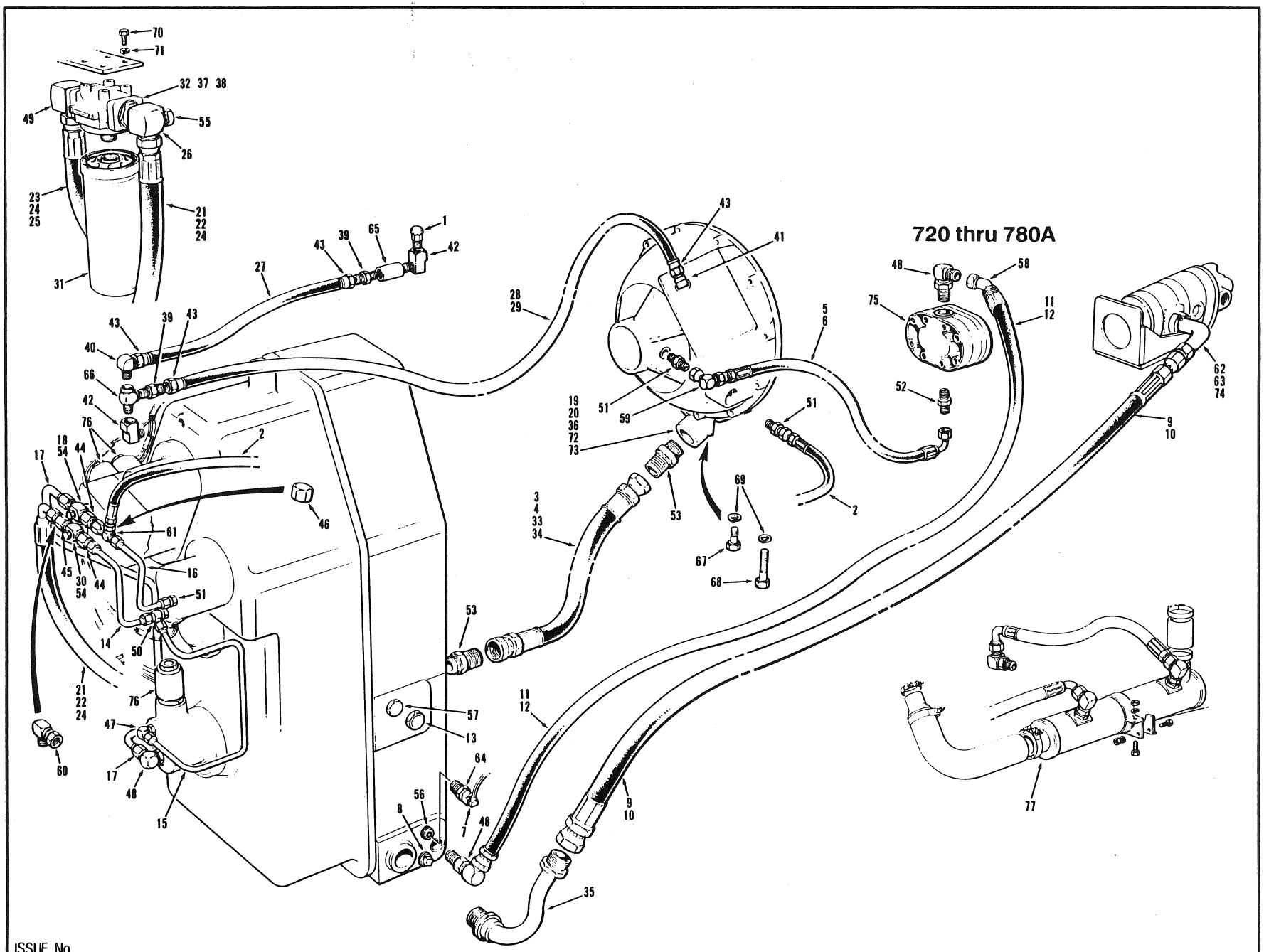
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

SECTION / SECCION 6 PAGE / PAGINA 6 ISSUE No. / N° D'ÉMISSION / N° DE EDICION 6 REVISION A

TRANSMISSION HYDRAULIC CIRCUIT

JULY 1989

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	4341	BREATHER	1	
2	9313X65	HOSE	1	710/710A
3	14361X34	HOSE	1	720 thru 780
4	14361X36.5	HOSE	1	710
5	14382X60	HOSE	1	
6	14382X70	HOSE	1	
7	15828	IMMERSION HEATER	1	
8	17156X105	HOSE	1	
9	17156X118	HOSE	1	
10	27449	MAGNETIC PLUG	1	
11	27739X109	HOSE	1	710 thru 780
12	27739X118	HOSE	1	710A thru 780A
13	28485X92	HOSE	1	
14	28485X105	HOSE	1	
15	29751	INDICATOR - OIL LEVEL - C/W GASKET	1	
16	29752	TUBE		
17	29753	TUBE	1	
18	29754	TUBE	1	
19	29755	TUBE	1	
20	29787	TEE	1	
21	37665	DRAIN SCOOP	1	
22	37926	OIL SCOOP - ALL MODELS UP TO S/N 19975	1	
		OIL SCOOP	1	19977 & UP 710 thru 730A
	*53709	OIL SCOOP	1	S/N 19976 & UP 740 thru 780A
23	40308X34	HOSE	1	
24	40308X49	HOSE	1 or 2	
25	40308X52	HOSE	1 or 2	
26	40308X83	HOSE	1	
27	40308X95	HOSE	1 or 2	
28	40310	TUBE	1	740 thru 780A
29	40402	CONNECTOR	1	
30	40423	CLAMP BASE	1	
31	40727	CHECK VALVE	1	
32	40854	CLAMP	2	
33	41539X26	HOSE	1	
34	41539X43	HOSE	1	720 thru 780A
35	41539X48	HOSE	1	710/710A
36	41646X6	HOSE WRAP	1	
37	41647X12	HOSE WRAP	1	
38	42054	OIL COOLER	1	
39	43389	SPACER	1	
40	44374	CLAMP	1	
41	44915	TEE	1	
42	46042	STRAINER - C/W ITEM 49	1	
43	49076	ELEMENT	1	
44	49077	FILTER ASSEMBLY - C/W ITEM 43	1	
45	51511X34	HOSE	1	720A thru 780A
46	51511X36.5	HOSE	1	710A
47	*51595	TUBE	1	710/710A
48	*51596	TUBE	1	720 thru 730A
49	12A-143	O RING	1	
50	22A-200	CLAMP	4	
51	22B-28	CLAMP	1	
52	101H-0806	CONNECTOR	2	
53	101J-0806	ELBOW	1	
54	101M-0806	CONNECTOR	1	
55	103P-06	ELBOW	2	
56	106B-0808	HOSE END	4	
57	108A-2424	CONNECTOR	1	A.W.D.
58	108H-2420	CONNECTOR	1	
59	110AH-0812	ADAPTOR	A.R.	
60	110AH-1612	ADAPTOR	A.R.	
61	110E-08	CAP	1	720 thru 780A
62	111A-1612	CONNECTOR	1	
63	111B-0808	CONNECTOR	1	
64	111B-1212	CONNECTOR	1	
65	111B-1620	CONNECTOR	1	
66	111B-2424	CONNECTOR	1	
67	111D-0808	TEE	1	
68	111D-1616	TEE	2	
69	111E-0808	CONNECTOR	A.R.	
70	111E-0810	CONNECTOR	A.R.	720 thru 730A
71	111E-1616	CONNECTOR	2	
72	111E-2024	CONNECTOR	2	
73	111H-04	PLUG	1	
74	111H-08	PLUG	1	
75	111H-16	PLUG	1	
76	112A-12	CONNECTOR	1	
77	112B-08	CONNECTOR	1	
78	112B-16	CONNECTOR	A.R.	
79	112C-08	TEE	1	
80	112C-16	TEE	1	740 thru 780A
81	114C-2420	FLANGE	1	
82	114D-20	FLANGE	1	
83	115B-1208	REDUCER	1	
84	115D-12	PLUG	1	
85	115G-06	COUPLING	1	REPAIR PART
86	115U-0606	TEE	1	
87	50A-0518	BOLT	1	
88	50A-0507	BOLT	3	
89	14A-05	LOCKWASHER	10	
90	30A-05	NUT	2	
91	50A-0608	BOLT	10	
92	14A-06	LOCKWASHER	16	
93	30A-06	NUT	6	
94	53L-1004	SCREW	2	
95	14F-10	LOCKWASHER	2	
96		SOLENOID VALVE	REF.	SECTION 6 PAGE 8
97		* CLUTCH PUMP	REF.	SECTION 5 PAGE 10
98	*111B-0810	CONNECTOR	1	740 thru 780A



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **7 REVISION A**

TRANSMISSION HYDRAULIC CIRCUIT

JANUARY 1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 19982, 19984, 19985, 19986,
NUMERO(S) DE SÉRIE EFFECTIF(S) 20005, 20104, 20106, 20120
NUMERO(S) DE SERIE EFECTIVO(S) to 20226, 20233 to 20264,
20376 to 20382

700 SERIES
SERIE 700

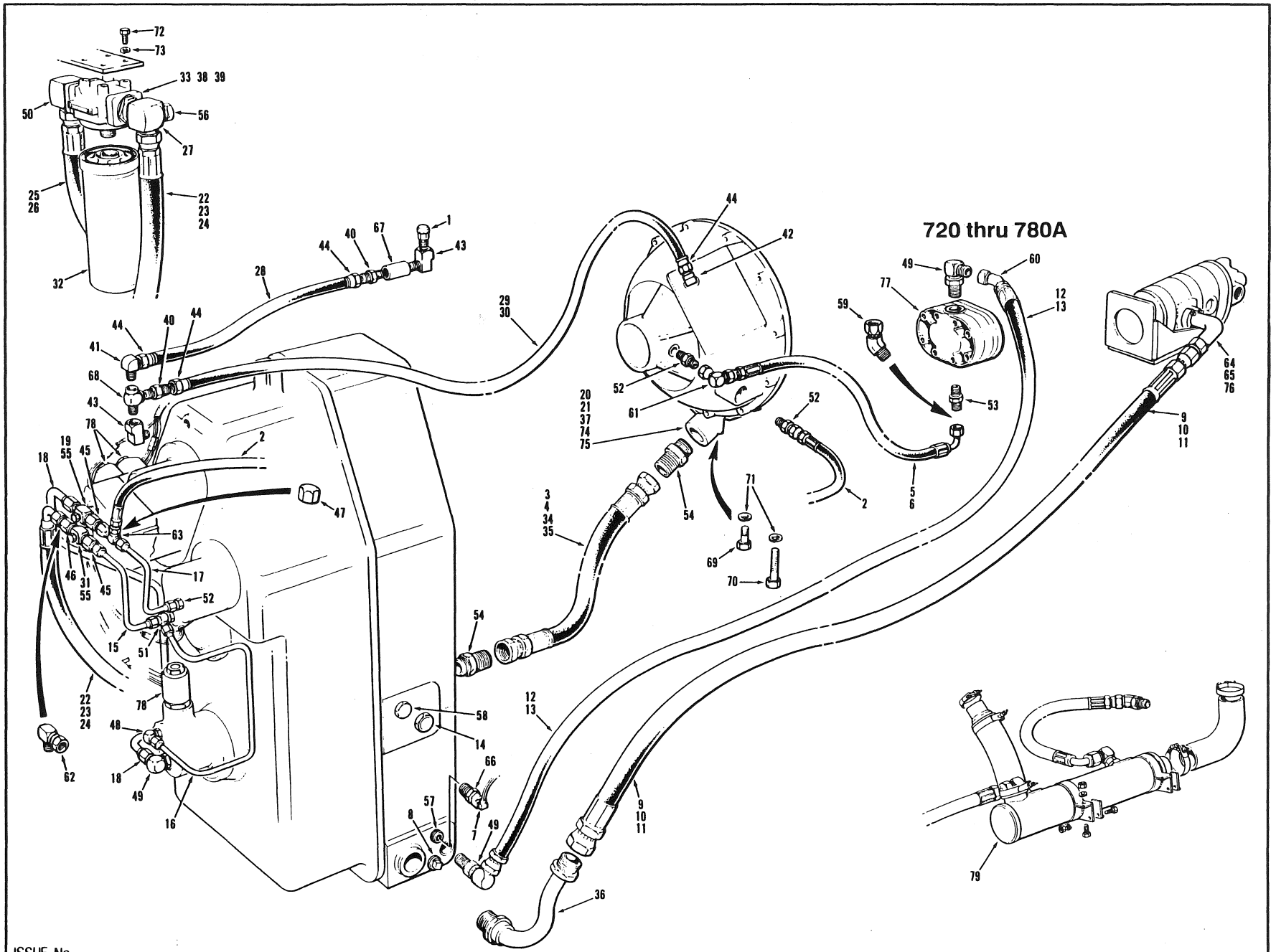
SECTION 6
SECCION 6
PAGE 5
PAGINA 5

USE ONLY CHAMPION APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

TRANSMISSION HYDRAULIC CIRCUIT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	4341	BREATHER	1	
2	9313 x 65	HOSE	1	710/710A
3	14361 x 34	HOSE - used on models 720, 730, 740, 750 & 780	1	
4	14361 x 36.5	HOSE	1	710
5	14382 x 60	HOSE	1	720 thru 730A
6	14382 x 70	HOSE	1	740 thru 780A
7	15828	IMMERSION HEATER	1	
8	27449	MAGNETIC PLUG	1	
9	27739 x 103	HOSE	1	RIGID FRAME
10	27739 x 112	HOSE	1	ART'D FRAME
11	28485 x 92	HOSE- used on models 720/720A, 730/730A, 740, 750 & 780	1	
12	*28485 x 105	HOSE - used on models 740A, 750A & 780A	1	
13	29751	INDICATOR - OIL LEVEL - C/W GASKET	1	
14	29752	TUBE	1	
15	29753	TUBE	1	
16	29754	TUBE	1	
17	29755	TUBE	1	
18	29787	TEE	1	
19	37665	DRAIN SCOOP	1	
20	37926	OIL SCOOP	1	710 thru 730A
21	40308 x 49	HOSE - used on models 720, 730, 740, 750 & 780	1	
22	40308 x 52	HOSE	1	710
23	40308 x 85	HOSE	1	710A thru 730A
24	40308 x 95	HOSE - used on models 710A, 720/720A, 730/730A, 740, 750 & 780	1	
	40308 x 95	- for models 740A, 750A & 780A	2	
25	40309 x 85	HOSE	1	710
26	40402	CONNECTOR	1	
27	41539 x 26	HOSE	1	
28	41539 x 43	HOSE	1	710/710A
29	41539 x 48	HOSE	1	720 thru 780A
30	44915	TEE	1	
31	49076	FILTER ELEMENT	1	
32	49077	FILTER ASSEMBLY with INDICATOR C/W ITEMS 31 & 37	1	
	54175	FILTER ASSEMBLY without INDICATOR C/W ITEMS 31 & 38	1	
33	51511 x 34	HOSE - used on models 720A, 730A, 740A, 750A & 780A	1	
34	51511 x 36.5	HOSE	1	710A
35	53606	TUBE	1	
36	53709	OIL SCOOP	1	740 thru 780A
37	54176	FILTER HEAD with INDICATOR	1	
38	54177	FILTER HEAD withoutINDICATOR	1	
39	101H-0806	CONNECTOR	2	
40	101J-0806	ELBOW	1	
41	101M-0806	CONNECTOR	1	
42	103P-06	ELBOW	2	
43	106B-0808	HOSE END	4	
44	110AH-0812	ADAPTER	1	
45	110AH-1612	ADAPTER	1	
46	110E-08	CAP	1	720 thru 780A
47	111B-0808	CONNECTOR	1	
48	111B-1212	CONNECTOR	3	
49	111B-1620	CONNECTOR	1	
50	111D-0808	TEE	1	
51	111E-0808	CONNECTOR	2	
52	111E-0810	CONNECTOR	1	
53	111E-2024	CONNECTOR	2	
54	111H-04	PLUG	2	
55	111H-08	PLUG	1	
56	111H-12	PLUG	1	710/710A
57	111H-16	PLUG	1	
58	112A-12	CONNECTOR	1	
59	112B-08	CONNECTOR	1	
60	112B-16	CONNECTOR	1	ART'D FRAME
61	112C-08	TEE	1	
62	114C-2420	CONNECTOR	1	
63	114D-20	FLANGE C/W ITEM 74, NUTS & WASHERS	1	
64	115B-1208	REDUCER	1	
65	115G-06	COUPLING	1	
66	115U-0606	TEE	1	
67	50A-0507	BOLT	3	
68	50A-0518	BOLT	1	
69	14A-05	LOCKWASHER	4	
70	50A-0607	BOLT	4	
71	14A-06	LOCKWASHER	4	
72	53L-1004	SCREW	2	
73	14F-10	LOCKWASHER	2	
74	*12A-222	O RING	1	
75		CLUTCH PUMP	REF.	SECTION 5 PAGE 10
76		CONTROL VALVE	REF.	SECTION 6 PAGE 8
77	*	OIL COOLER	REF.	SECTION 6 PAGE 18



TRANSMISSION HYDRAULIC CIRCUIT

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 8

JANUARY 1990

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20227 to 20233, 20265 to 20375, 20383 & UP

700 SERIES
SERIE 700

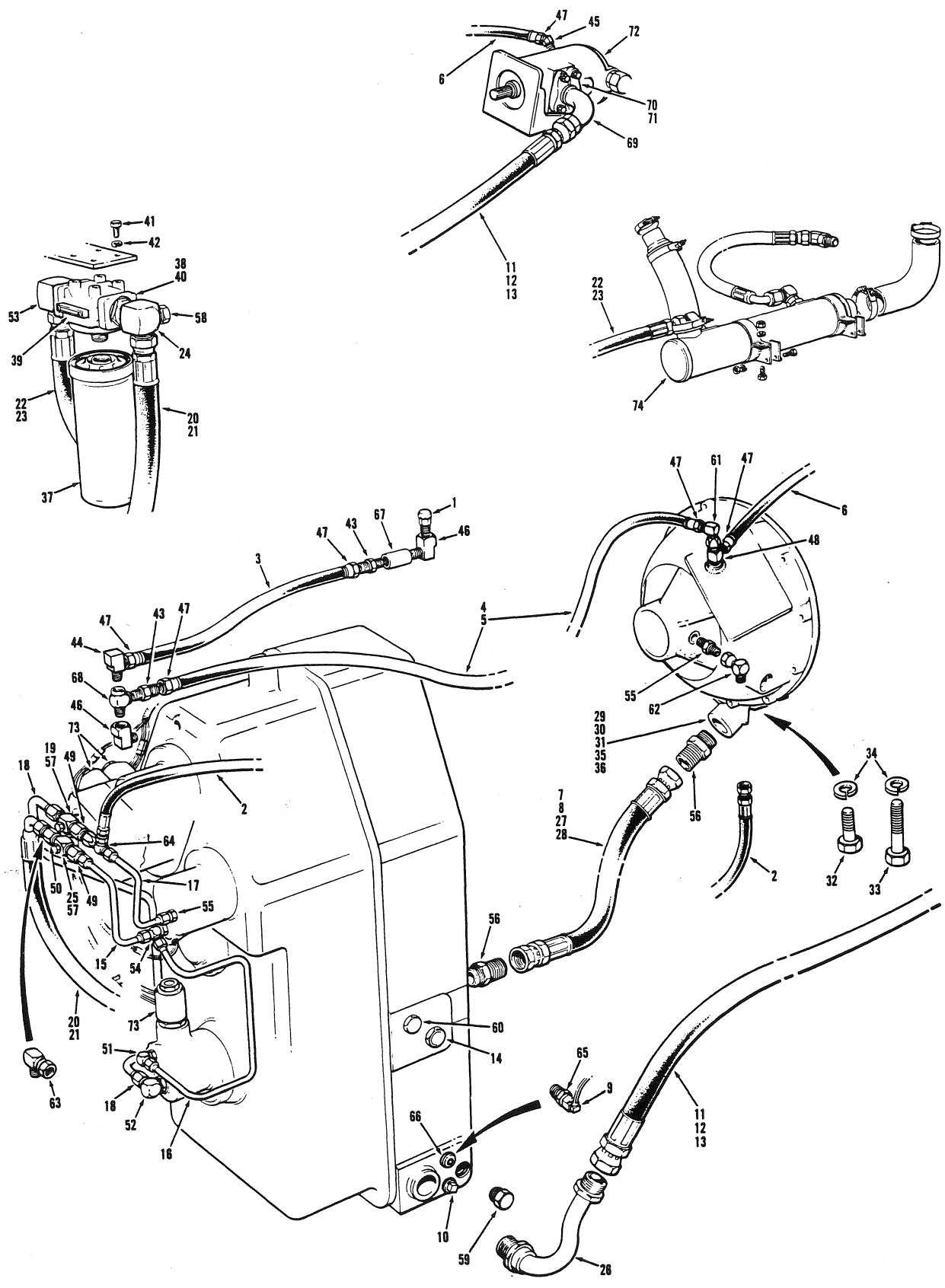
SECTION 6 PAGE 5
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

TRANSMISSION HYDRAULIC CIRCUIT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	4341	BREATHER	1	
2	9313 x 65	HOSE	1	710/710A
3	14361 x 34	HOSE - used on models 720, 730, 740, 750 & 780	1	
4	14361 x 36.5	HOSE	1	710
5	14382 x 60	HOSE	1	720 thru 730A
6	14382 x 70	HOSE	1	740 thru 780A
7	15828	IMMERSION HEATER	1	
8	27449	MAGNETIC PLUG	1	
9	27739 x 103	HOSE - used on models 710, 720, 730, 740, 750 & 780	1	
10	*27739 x 109	HOSE - used on models 710A, 720A, 730A, 740A, 750A & 780A	1	
11	27739 x 112	HOSE	1	A.W.D.
12	28485 x 92	HOSE- used on models 720/720A, 730/730A, 740, 750 & 780	1	
13	28485 x 105	HOSE - used on models 740A, 750A & 780A	1	
14	29751	INDICATOR - OIL LEVEL - C/W GASKET	1	
15	29752	TUBE	1	
16	29753	TUBE	1	
17	29754	TUBE	1	
18	29755	TUBE	1	
19	29787	TEE	1	
20	37665	DRAIN SCOOP	1	
21	37926	OIL SCOOP	1	710 thru 730A
22	40308 x 49	HOSE - used on models 720, 730, 740, 750 & 780	1	
23	40308 x 52	HOSE	1	710
24	40308 x 95	HOSE - used on models 710A, 720A, 730A, 740A, 750A & 780A	1	
25	*40309 x 77	HOSE	1	710 thru 730A
26	40309 x 85	HOSE	1	740 thru 780A
27	40402	CONNECTOR	1	
28	41539 x 26	HOSE	1	
29	41539 x 43	HOSE	1	710/710A
30	41539 x 48	HOSE	1	720 thru 780A
31	44915	TEE	1	
32	49076	FILTER ELEMENT	1	
33	49077	FILTER ASSEMBLY with INDICATOR C/W ITEMS 32 & 38	1	
	54175	FILTER ASSEMBLY without INDICATOR C/W ITEMS 32 & 39	1	
34	51511 x 34	HOSE - used on models 720A, 730A, 740A, 750A & 780A	1	
35	51511 x 36.5	HOSE	1	710A
36	53606	TUBE	1	
37	53709	OIL SCOOP	1	740 thru 780A
38	54176	FILTER HEAD with INDICATOR	1	
39	54177	FILTER HEAD without INDICATOR	1	
40	101H-0806	CONNECTOR	2	
41	101J-0806	ELBOW	1	
42	101M-0806	CONNECTOR	1	
43	103P-06	ELBOW	2	
44	106B-0808	HOSE END	4	
45	110AH-0812	ADAPTER	1	
46	110AH-1612	ADAPTER	1	
47	110E-08	CAP	1	720 thru 780A
48	111B-0808	CONNECTOR	1	
49	111B-1212	CONNECTOR	3	
50	111B-1620	CONNECTOR	1	
51	111D-0808	TEE	1	
52	111E-0808	CONNECTOR	2	
53	111E-0810	CONNECTOR	1	
54	111E-2024	CONNECTOR	2	
55	111H-04	PLUG	2	
56	111H-08	PLUG	1	
57	111H-12	PLUG	1	710/710A
58	111H-16	PLUG	1	
59	112A-08	CONNECTOR	1	720 thru 730A
60	112A-12	CONNECTOR	1	
61	112B-08	CONNECTOR	1	
62	112B-16	CONNECTOR	1	ART'D FRAME
63	112C-08	TEE	1	
64	114C-2420	CONNECTOR	1	
65	114D-20	FLANGE C/W ITEMS 76, NUTS & WASHERS	1	
66	115B-1208	REDUCER	1	
67	115G-06	COUPLING	1	
68	115V-0606	TEE	1	
69	50A-0507	BOLT	3	
70	50A-0518	BOLT	1	
71	14A-05	LOCKWASHER	4	
72	50A-0607	BOLT	4	
73	14A-06	LOCKWASHER	4	
74	53L-1004	SCREW	2	
75	14F-10	LOCKWASHER	2	
76	*12A-222	O RING	1	
77		CLUTCH PUMP	REF.	SECTION 5 PAGE 10
78		CONTROL VALVE	REF.	SECTION 6 PAGE 8
79		OIL COOLER	REF.	SECTION 6 PAGE 18



TRANSMISSION HYDRAULIC CIRCUIT

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 9

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

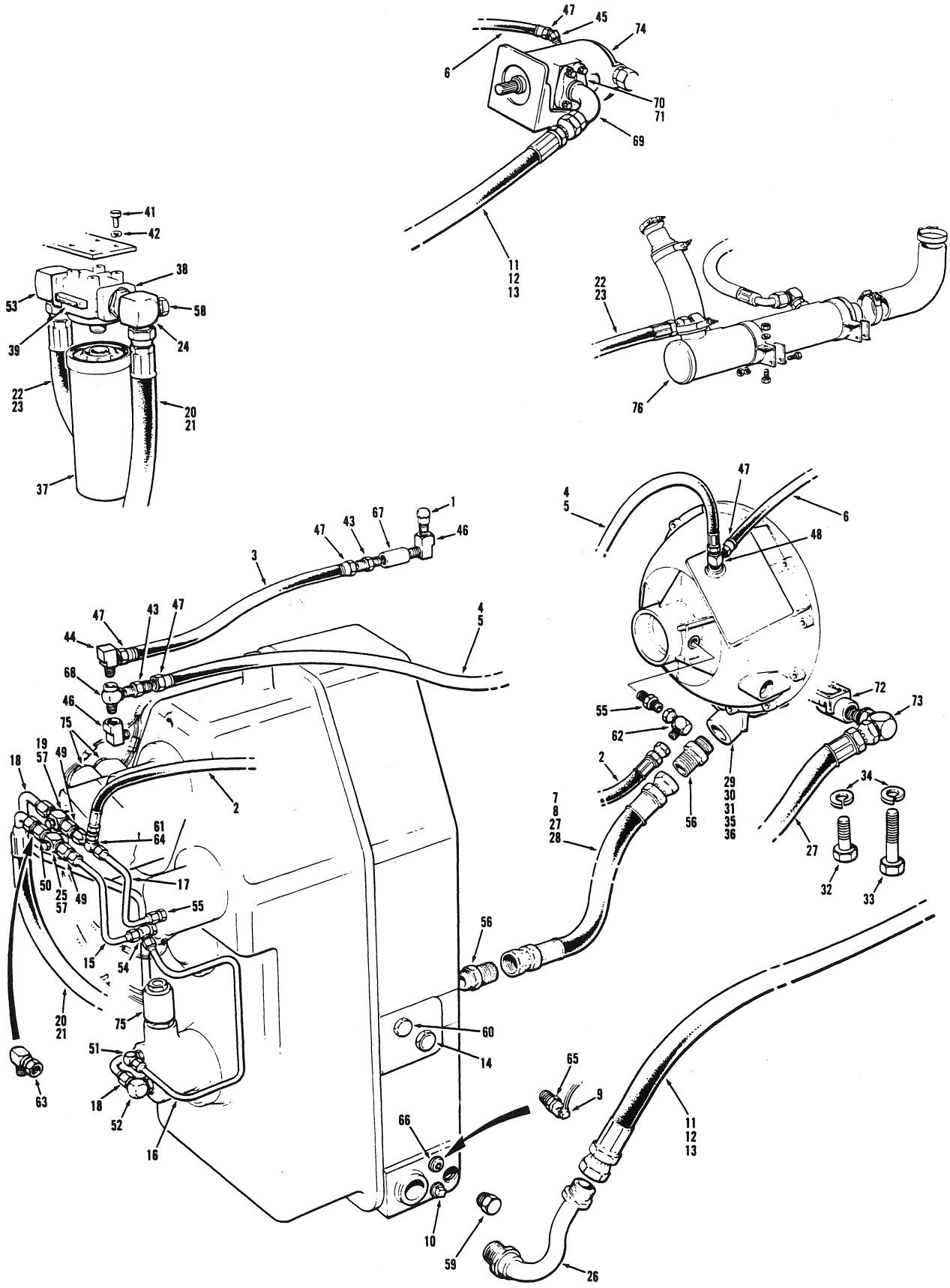
20805, 20806, 20808 & UP

700 SERIES
SERIE 700

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

TRANSMISSION HYDRAULIC CIRCUIT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	4341	BREATHER	1	
2	9313 x 65	HOSE	1	
3	*9480 x 26	HOSE	1	
4	*9480 x 43	HOSE	1	720 thru 780A
5	*9480 x 48	HOSE	1	710/710A
6	*9480 x 88	HOSE	1	
7	14361 x 34	HOSE	1	720, 730, 740, 750 & 780
8	14361 x 36.5	HOSE	1	710
9	15828	IMMERSION HEATER	1	
10	27449	MAGNETIC PLUG	1	
11	27739 x 103	HOSE	1	710 , 720, 730, 740, 750 & 780
12	27739 x 109	HOSE	1	710A , 720A, 730A, 740A, 750A & 780A
13	27739 x 112	HOSE	1	A.W.D.
14	29751	INDICATOR - OIL LEVEL - C/W GASKET	1	
15	29752	TUBE	1	
16	29753	TUBE	1	
17	29754	TUBE	1	
18	29755	TUBE	1	
19	29787	TEE	1	
20	40308 x 52	HOSE	1	710 , 720, 730, 740, 750 & 780
21	40308 x 95	HOSE	1	710A , 720A, 730A, 740A, 750A & 780A
22	40309 x 77	HOSE	1	710 thru 730A
23	40309 x 85	HOSE	1	740 thru 780A
24	40402	CONNECTOR	1	
25	44915	TEE	1	
26	53606	TUBE	1	
27	51511 x 34	HOSE	1	720A thru 780A
28	51511 x 36.5	HOSE	1	710A
29	37926	OIL SCOOP	1	710 thru 730A
30	53709	OIL SCOOP	1	740 thru 780A
31	*56808	DRAIN SCOOP	1	
32	50A-0507	BOLT	3	
33	50A-0518	BOLT	1	
34	14A-05	LOCKWASHER	4	
35	53L-1004	SCREW	2	
36	14F-10	LOCKWASHER	2	
	49077	**FILTER ASSEMBLY** - INDICATOR C/W ITEMS 37, 38 & 39	1	
37	49076	ELEMENT	1	
38	54176	FILTER HEAD - INDICATOR	1	
39	*56824	BY-PASS INDICATOR	1	
	54175	**FILTER ASSEMBLY** - NO INDICATOR C/W ITEMS 37 & 40	1	
40	54177	FILTER HEAD - NO INDICATOR	1	
41	50A-0607	BOLT	4	
42	14A-06	LOCKWASHER	4	
43	*101H-0606	CONNECTOR	2	
44	*101J-0606	ELBOW	1	
45	*101M-0606	CONNECTOR	1	
46	103P-06	ELBOW	2	
47	*106B-0606	HOSE END	6	
48	*110AD-0606	TEE	1	
49	110AH-0812	ADAPTER	1	
50	110AH-1612	ADAPTER	1	
51	111B-0808	CONNECTOR	1	
52	111B-1212	CONNECTOR	1	
53	111B-1620	CONNECTOR	1	
54	111D-0808	TEE	1	
55	111E-0808	CONNECTOR	2	
56	111E-2024	CONNECTOR	2	
57	111H-04	PLUG	2	
58	111H-08	PLUG	1	
59	111H-12	PLUG	1	
60	111H-16	PLUG	1	
61	112B-06	CONNECTOR	1	
62	112B-08	CONNECTOR	1	
63	112B-16	CONNECTOR	1	ARTICULATED FRAMES
64	112C-08	TEE	1	
65	115B-1208	REDUCER	1	
66	*115D-12	PLUG	1	
67	115G-06	COUPLING	1	REPAIR PART
68	115V-0606	TEE	1	
69	*114C-2424	CONNECTOR	1	
70	*56919	**FLANGE KIT** - INCLUDES ITEMS 71, BOLTS & LOCKWASHERS	1	
71	*12A-225	O RING	1	
72		STEERING/TRANSMISSION PUMP	REF.	SECTION 4 PAGE 41
73		CONTROL VALVE	REF.	SECTION 6 PAGE 7
74		OIL COOLER	REF.	SECTION 6 PAGE 17



TRANSMISSION HYDRAULIC CIRCUIT

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 10 REVISION B

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21254 to 21910

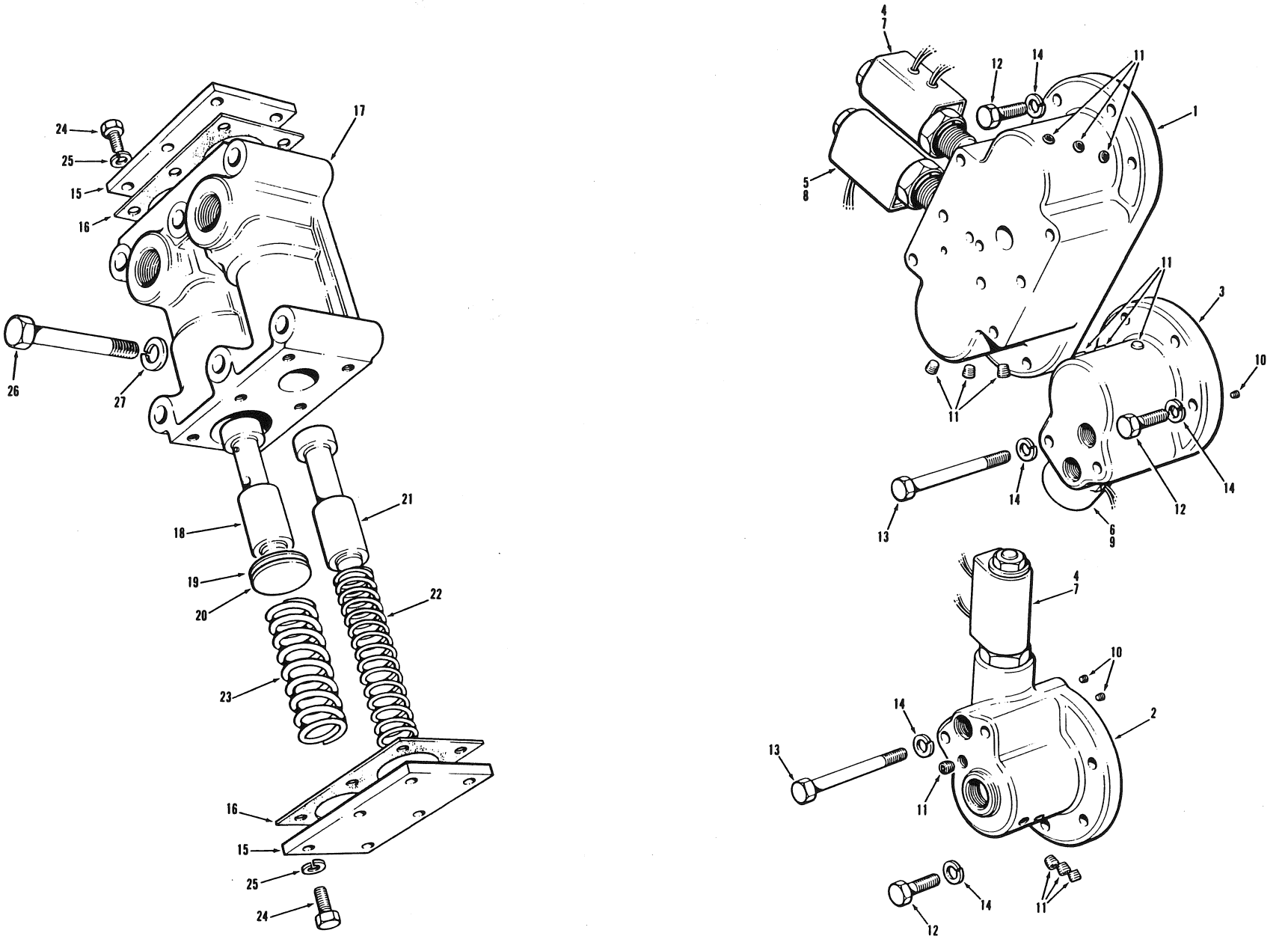
700 SERIES
SERIE 700

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

TRANSMISSION HYDRAULIC CIRCUIT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	4341	BREATHER	1	
2	28485 x 62	HOSE	1	
3	9480 x 26	HOSE	1	
4	9480 x 43	HOSE	1	720 thru 780A
5	9480 x 48	HOSE	1	710/710A
6	9480 x 96	HOSE	1	
7	14361 x 34	HOSE	1	720, 730, 740, 750 & 780
8	14361 x 36.5	HOSE	1	710
9	15828	IMMERSION HEATER	1	
10	27449	MAGNETIC PLUG	1	
11	27739 x 103	HOSE	1	710 , 720, 730, 740, 750 & 780
12	27739 x 109	HOSE	1	710A , 720A, 730A, 740A, 750A & 780A
13	27739 x 112	HOSE	1	A.W.D.
14	29751	INDICATOR - OIL LEVEL - C/W GASKET	1	
15	29752	TUBE	1	
16	29753	TUBE	1	
17	29754	TUBE	1	S/N 21254 to21449
17	*58624	TUBE	1	S/N 21450 to 21910
18	29755	TUBE	1	
19	29787	TEE	1	
20	40308 x 54	HOSE	1	710
	40308 x 52	HOSE	1	720, 730, 740, 750 & 780
21	40308 x 95	HOSE	1	710A , 720A, 730A, 740A, 750A & 780A
22	40309 x 77	HOSE	1	710 thru 730A
23	40309 x 85	HOSE	1	740 thru 780A
24	40402	CONNECTOR	1	
25	44915	TEE	1	
26	53606	TUBE	1	
27	59476 x 34	HOSE	1	720A thru 780A
28	59476 x 36.5	HOSE	1	710A
29	37926	OIL SCOOP	1	710 thru 730A
30	53709	OIL SCOOP	1	740 thru 780A
31	56808	DRAIN SCOOP	1	710 thru 730A
32	50A-0507	BOLT	3	
33	50A-0518	BOLT	1	
34	14A-05	LOCKWASHER	4	
35	53L-1004	SCREW	2	
36	14F-10	LOCKWASHER	2	
	49077	FILTER ASSEMBLY C/W ITEMS 37, 38 & 39	1	
37	49076	ELEMENT	1	
38	54176	FILTER HEAD	1	
39	56824	BY-PASS INDICATOR	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
41	50A-0606	BOLT	4	
42	14A-06	LOCKWASHER	4	
43	101H-0606	CONNECTOR	2	
44	101J-0606	ELBOW	1	
45	101M-0606	CONNECTOR	1	
46	103P-06	ELBOW	2	
47	106B-0606	HOSE END	6	
48	101L-0606	TEE	1	
49	110AH-1208	ADAPTER	1	
50	110AH-1612	ADAPTER	1	
51	111B-0808	CONNECTOR	1	
52	111B-1212	CONNECTOR	1	
53	111B-1620	CONNECTOR	1	
54	111D-0808	TEE	1	
55	111E-1212	CONNECTOR	2	
56	111E-2024	CONNECTOR	1	750 thru 780A
			2	710 thru 740A
57	111H-04	PLUG	2	
58	111H-08	PLUG	1	
59	111H-12	PLUG	1	
60	111H-16	PLUG	1	
61	110AH-1208	CONNECTOR	1	
62	112B-1212	CONNECTOR	1	
63	112B-16	CONNECTOR	1	Articulated Frames
64	112C-08	TEE	1	
65	115B-1208	REDUCER	1	
66	115D-12	PLUG	1	
67	115G-06	COUPLING	1	Repair Part
68	115V-0606	TEE	1	
69	114C-2424	CONNECTOR	1	
70	56919	FLANGE KIT - INCLUDES ITEMS 71, BOLTS & LOCKWASHERS	1	
71	12A-225	O-RING	1	
72	56065	DRAIN SCOOP	1	740 thru 780A
73	111B-2024	CONNECTOR	1	
74		STEERING/TRANSMISSION PUMP	Ref.	Sect 4 Pg 41
75		CONTROL VALVE	Ref.	Sect 6 Pg 7
76		OIL COOLER	Ref.	Sect 6 Pg 17



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION B

CONTROL VALVES

SEPTEMBER 1985

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

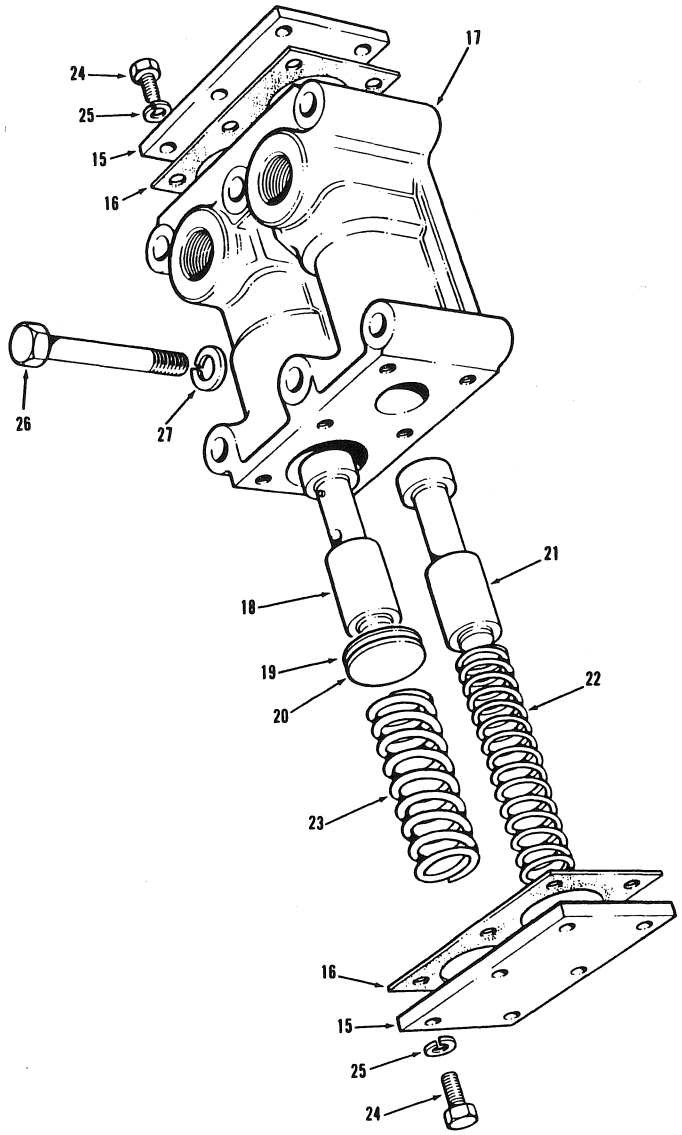
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

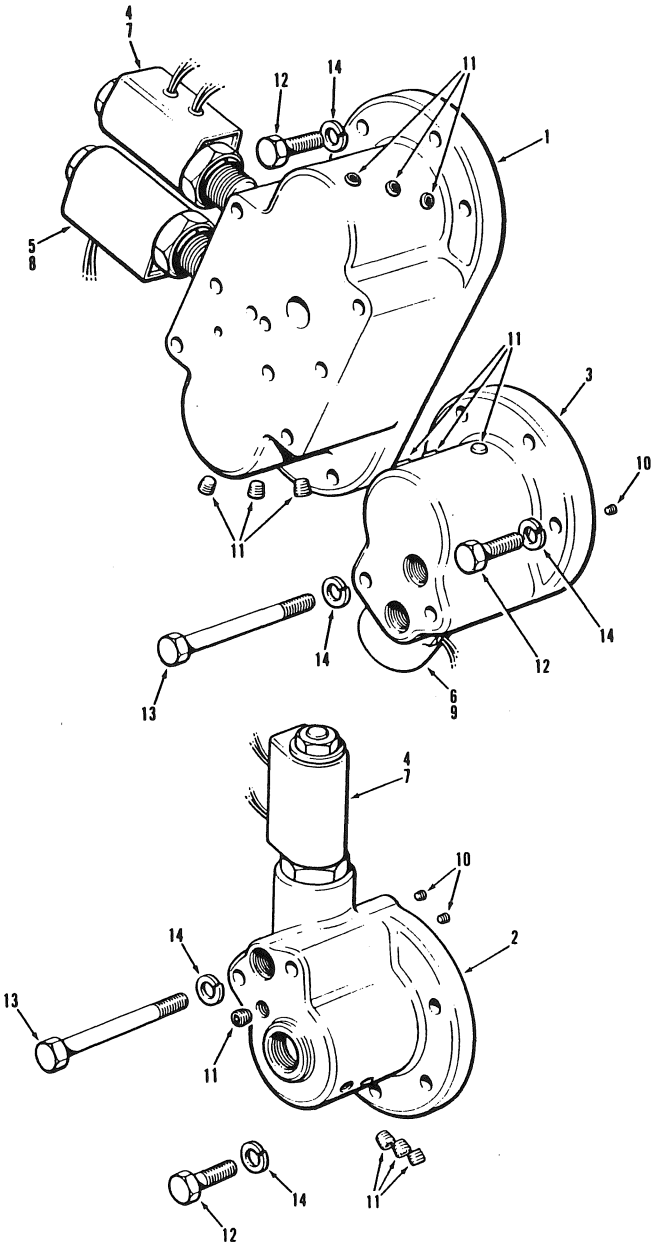
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NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 6 PAGE 7
SECCION PAGINA

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	29702	CAP - MAIN CONTROL VALVE	1	
2	29703	CAP - RANGE CONTROL VALVE	1	
3	29704	CAP - REVERSE CONTROL VALVE	1	
4	29747	SOLENOID VALVE ASSY. - INCLUDES ITEM 7	2	
5	29748	SOLENOID VALVE ASSY. - INCLUDES ITEM 8	1	
6	29749	SOLENOID VALVE ASSY. - INCLUDES ITEM 9	1	
7	37105	COIL	2	
8	37106	COIL	1	
9	37107	COIL	1	
10	115D-01	PLUG	3	
11	115D-02	PLUG	13	
12	50A-0610	BOLT	14	
13	50A-0632	BOLT	4	
14	14A-06	LOCKWASHER	18	
	41251	O RING KIT FOR ITEMS 4 & 5	A.R.	
	41252	O RING KIT FOR ITEM 6	A.R.	
		REGULATOR VALVE INSTALLATION		
	29862	REGULATOR VALVE ASSY. - INCLUDES ITEMS 15 TO 25	1	
15	11212	VALVE COVER	2	
16	11213	GASKET	2	
17	11214	VALVE BODY	1	
18	11215	VALVE ASSY.	1	
19	11216	SPACER - THIN	A.R.	
20	11217	SPACER - THICK	A.R.	
21	11221	LUBE VALVE	1	
22	37213	SPRING - LUBE VALVE	1	
23	41094	SPRING - MAIN VALVE	1	
24	50A-0506	BOLT	12	
25	14A-05	LOCKWASHER	12	
26	51A-0652	BOLT	6	
27	14A-06	LOCKWASHER	6	

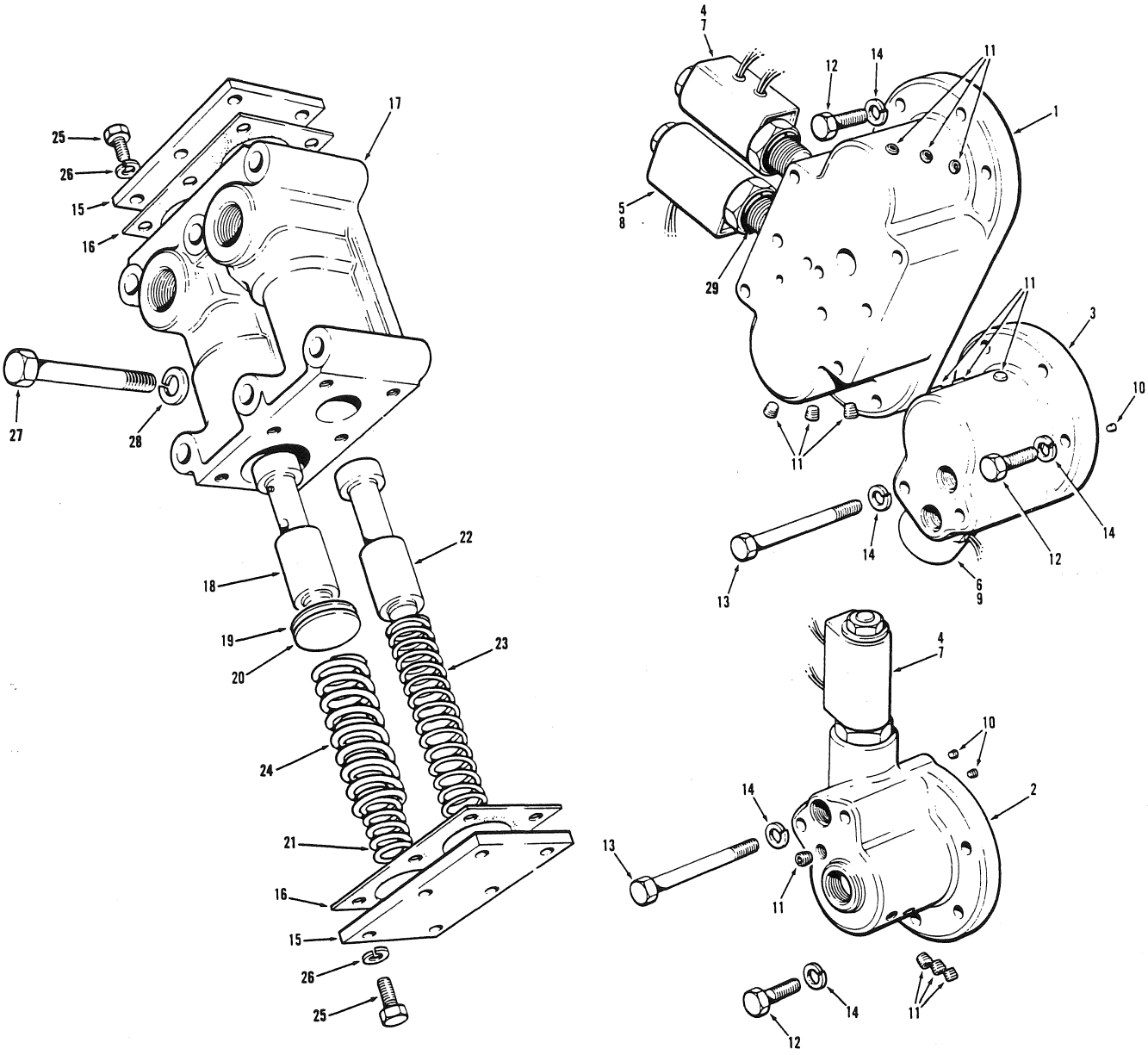




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POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No.	PART No.	DESCRIPTION	No. REQ.	REMARKS
1	37785	CAP - MAIN CONTROL VALVE	1	
2	37786	CAP - RANGE CONTROL VALVE	1	
3	37787	CAP - REVERSE CONTROL VALVE	1	
4	29747	SOLENOID VALVE ASSY. - INCLUDES ITEM 7	2	
5	29748	SOLENOID VALVE ASSY. - INCLUDES ITEM 8	1	
6	29749	SOLENOID VALVE ASSY. - INCLUDES ITEM 9	1	
7	37105	COIL	2	
8	37106	COIL	1	
9	37107	COIL	1	
10	115D-01	PLUG	3	
11	115D-02	PLUG	13	
12	50A-0610	BOLT	14	
13	50A-0632	BOLT	4	
14	14A-06	LOCKWASHER	18	
	41251	O RING KIT FOR ITEMS 4 & 5	A.R.	
	41252	O RING KIT FOR ITEM 6	A.R.	
		REGULATOR VALVE INSTALLATION		
	29862	REGULATOR VALVE ASSY. - INCLUDES ITEMS 15 TO 25	1	
	*37198	REPAIR KIT FOR 29862 REGULATOR VALVE ASSEMBLY - INCLUDES ITEMS 16, 19, 20, 22 & 23.	A.R.	
15	11212	VALVE COVER	2	
16	11213	GASKET	2	
17	11214	VALVE BODY	1	
18	11215	VALVE ASSY.	1	
19	11216	SPACER - THIN	A.R.	
20	11217	SPACER - THICK	A.R.	
21	11221	LUBE VALVE	1	
22	37213	SPRING - LUBE VALVE	1	
23	41094	SPRING - MAIN VALVE	1	
24	50A-0506	BOLT	12	
25	14A-05	LOCKWASHER	12	
26	50A-0652	BOLT	6	
27	14A-06	LOCKWASHER	6	



CHAMPION ROAD MACHINERY

CONTROL VALVES - 12 VOLT

JUNE 1990

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EFFECTIVE SERIAL NUMBER(S)
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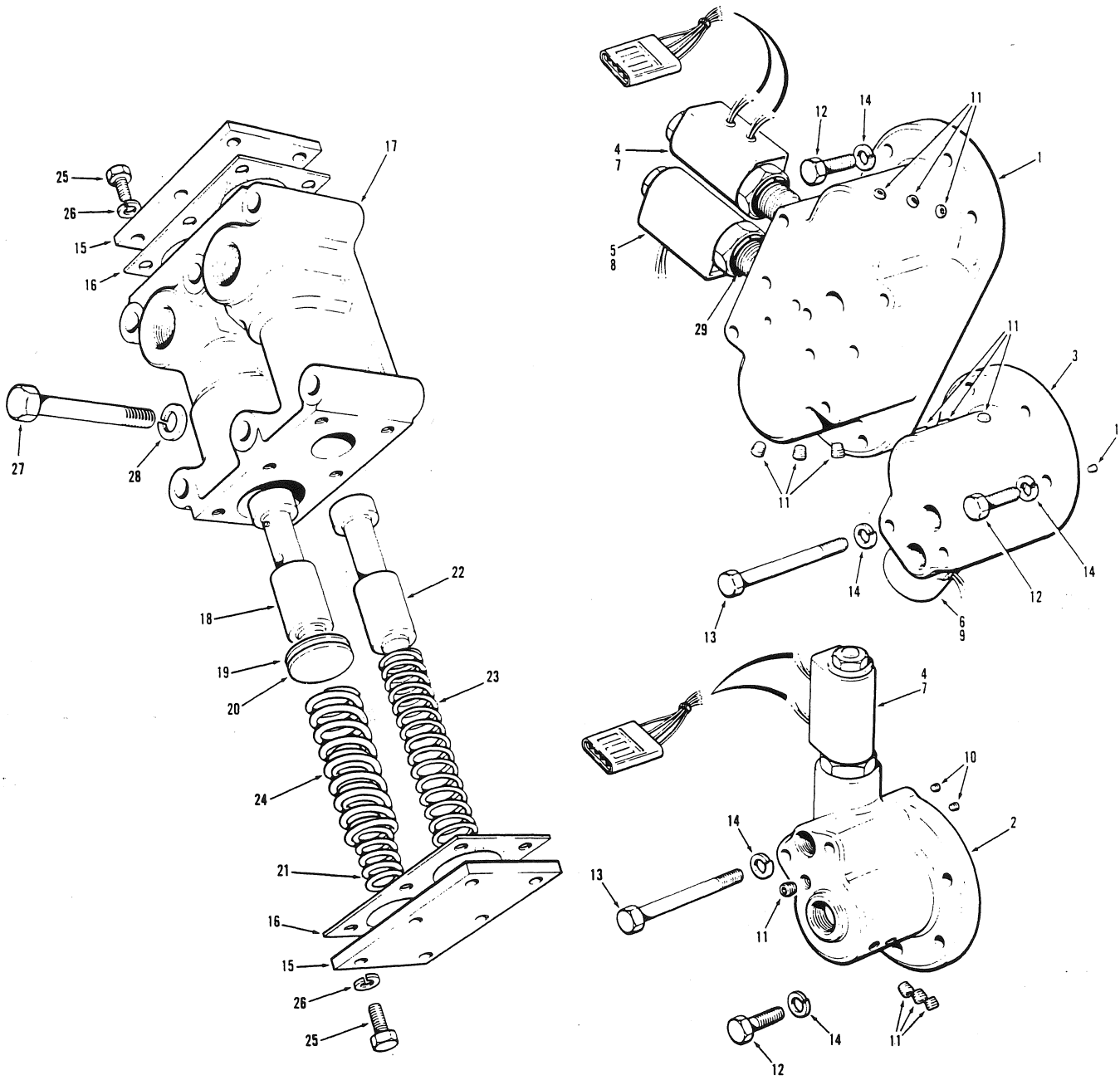
20242, 20245, 20250, 20253, 20260, 20265 to 20718, & 20731

700 SERIES
SERIE 700

SECTION 6 PAGE 7
SECCION PAGINA

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No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	37785	CAP - MAIN CONTROL VALVE	1	
2	37786	CAP - RANGE CONTROL VALVE	1	
3	37787	CAP - REVERSE CONTROL VALVE	1	
4	29747	**SOLENOID VALVE ASSEMBLY** - INCLUDES ITEM 7	2	
5	29748	**SOLENOID VALVE ASSEMBLY** - INCLUDES ITEM 8	1	
	41251	**O RING KIT FOR 29747 & 29748** - SOLENOID VALVE ASSEMBLIES	1	
6	29749	**SOLENOID VALVE ASSEMBLY** - INCLUDES ITEM 9	1	
	41252	**O RING KIT FOR 29749** - SOLENOID VALVE ASSEMBLY	1	
7	37105	COIL	2	
8	37106	COIL	1	
9	37107	COIL	1	
10	115D-01	PLUG	3	
11	115D-02	PLUG	13	
12	50A-0610	BOLT	14	
13	50A-0632	BOLT	4	
14	14A-06	LOCKWASHER	18	
		REGULATOR VALVE INSTALLATION		
	53775	**REGULATOR VALVE ASSEMBLY** - INCLUDES ITEMS 15 to 25	1	
	*38684	**REPAIR KIT FOR 53775** - REGULATOR VALVE ASSEMBLY - INCLUDES ITEMS 16, 19, 20, 21, 23 & 24	1	
15	11212	VALVE COVER	2	
16	11213	GASKET	2	
17	11214	VALVE BODY	1	
18	11215	VALVE ASSEMBLY	1	
19	11216	SPACER - THIN	1	
20	11217	SPACER - THICK	1	
21	11218	SPRING - MAIN VALVE - INNER	1	
22	11221	LUBE VALVE	1	
23	37213	SPRING - LUBE VALVE	1	
24	41094	SPRING - MAIN VALVE - OUTER	1	
25	50A-0506	BOLT	12	
26	14A-05	LOCKWASHER	12	
27	50A-0652	BOLT	6	
28	14A-06	LOCKWASHER	6	
29	*12A-123	O RING	1 per	



JANUARY 1992

CONTROL VALVES - 12 VOLT

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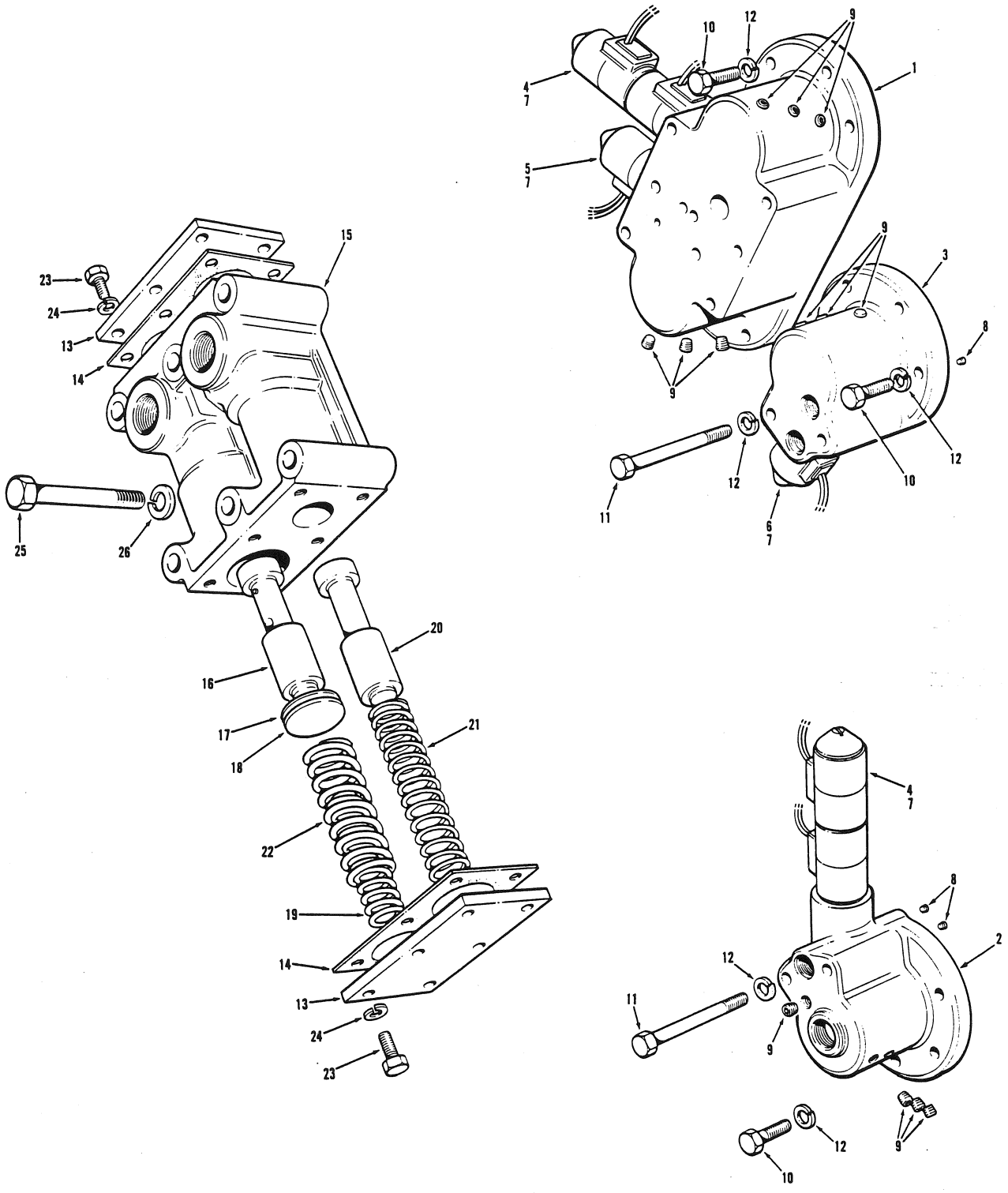
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NUMERO(S) DE SÉRIE EFFECTIF(S) **EXCLUDING 20731**
NUMERO(S) DE SERIE EFECTIVO(S)

SECTION / SECCION **6** PAGE / PAGINA **8** ISSUE No. / N° D'ÉMISSION / N° DE EDICION **4 REVISION A**

CONTROL VALVES - 12 VOLT

JANUARY 1992

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	37785	CAP - MAIN CONTROL VALVE	1	
2	37786	CAP - RANGE CONTROL VALVE	1	
3	37787	CAP - REVERSE CONTROL VALVE	1	
4	56210	SOLENOID VALVE ASSEMBLY - INCLUDES ITEM 7	2	
5	29748	SOLENOID VALVE ASSEMBLY - INCLUDES ITEM 8	1	
	41251	O RING KIT FOR 56210 & 29748 - SOLENOID VALVE ASSEMBLIES	1	
6	29749	SOLENOID VALVE ASSEMBLY - INCLUDES ITEM 9	1	
	41252	O RING KIT FOR 29749 - SOLENOID VALVE ASSEMBLY	1	
7	56211	COIL	2	
8	37106	COIL	1	
9	37107	COIL	1	
10	115D-01	PLUG	3	
11	115D-02	PLUG	13	
12	50A-0610	BOLT	14	
13	50A-0632	BOLT	4	
14	14A-06	LOCKWASHER	18	
		<u>REGULATOR VALVE INSTALLATION</u>		
	53775	REGULATOR VALVE ASSEMBLY - INCLUDES ITEMS 15 to 25	1	
	38684	REPAIR KIT FOR 53775 - REGULATOR VALVE ASSEMBLY - INCLUDES ITEMS 16, 19, 20, 21, 23 & 24	1	
15	11212	VALVE COVER	2	
16	11213	GASKET	2	
17	11214	VALVE BODY	1	
18	11215	VALVE ASSEMBLY	1	
19	11216	SPACER - THIN	1	
20	11217	SPACER - THICK	1	
21	11218	SPRING - MAIN VALVE - INNER	1	
22	11221	LUBE VALVE	1	
23	37213	SPRING - LUBE VALVE	1	
24	41094	SPRING - MAIN VALVE - OUTER	1	
25	50A-0506	BOLT	12	
26	14A-05	LOCKWASHER	12	
27	50A-0652	BOLT	6	
28	14A-06	LOCKWASHER	6	
29	12A-123	O RING	1 per	



JUNE 1991

CONTROL VALVES - 12 VOLT

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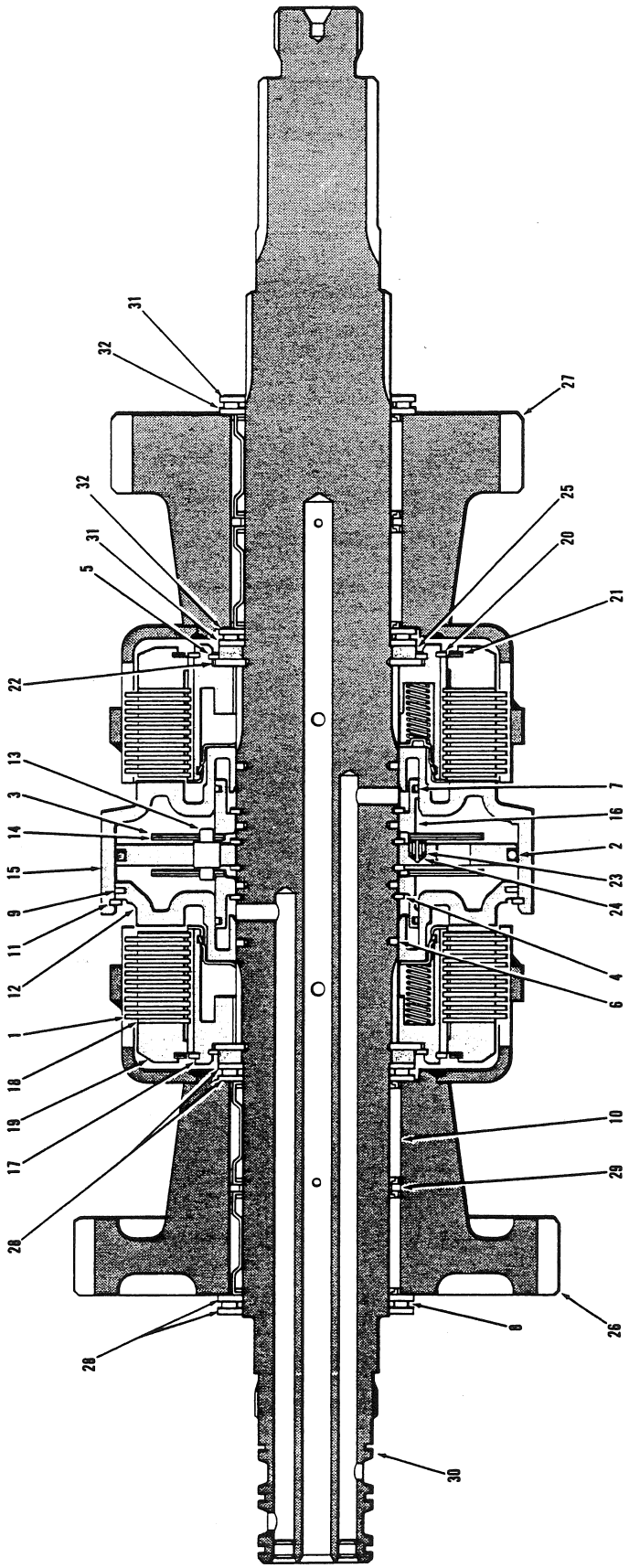
EFFECTIVE SERIAL NUMBER(S) 21450 & UP
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CONTROL VALVES - 12 VOLT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	*59905	CAP - MAIN CONTROL VALVE	1	
2	*59907	CAP - RANGE CONTROL VALVE	1	
3	*59906	CAP - REVERSE CONTROL VALVE	1	
4	*58438	SOLENOID CARTRIDGE	2	
5	*58437	SOLENOID CARTRIDGE	1	
6	*58436	SOLENOID CARTRIDGE	1	
	*66137	SEAL KIT FOR 58437 & 58438 - SOLENOID CARTRIDGE	1	
	*66136	SEAL KIT FOR 58436 - SOLENOID CARTRIDGE	1	
7	*58727	COIL	1 - 2	
8	115D-01	PLUG	3	
9	*115C-02	PLUG	13	
10	50A-0610	BOLT	14	
11	50A-0632	BOLT	4	
12	14A-06	LOCKWASHER	18	
		REGULATOR VALVE INSTALLATION		
	53775	**REGULATOR VALVE ASSEMBLY** INCLUDES ITEMS 13 to 24	1	
	38684	**REPAIR KIT FOR 53775 - REGULATOR VALVE ASSEMBLY** INCLUDES ITEMS 14, 17, 18, 19, 21 & 22	1	
13	11212	VALVE COVER	2	
14	11213	GASKET	2	
15	11214	VALVE BODY	1	
16	11215	VALVE ASSEMBLY	1	
17	11216	SPACER - THIN	1	
18	11217	SPACER - THICK	1	
19	11218	SPRING - MAIN VALVE - INNER	1	
20	11221	LUBE VALVE	1	
21	37213	SPRING - LUBE VALVE	1	
22	41094	SPRING - MAIN VALVE - OUTER	1	
23	50A-0506	BOLT	12	
24	14A-05	LOCKWASHER	12	
25	50A-0652	BOLT	6	
26	14A-06	LOCKWASHER	6	

CHAMPION ROAD MACHINERY



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U.S. 2021-2 & UP

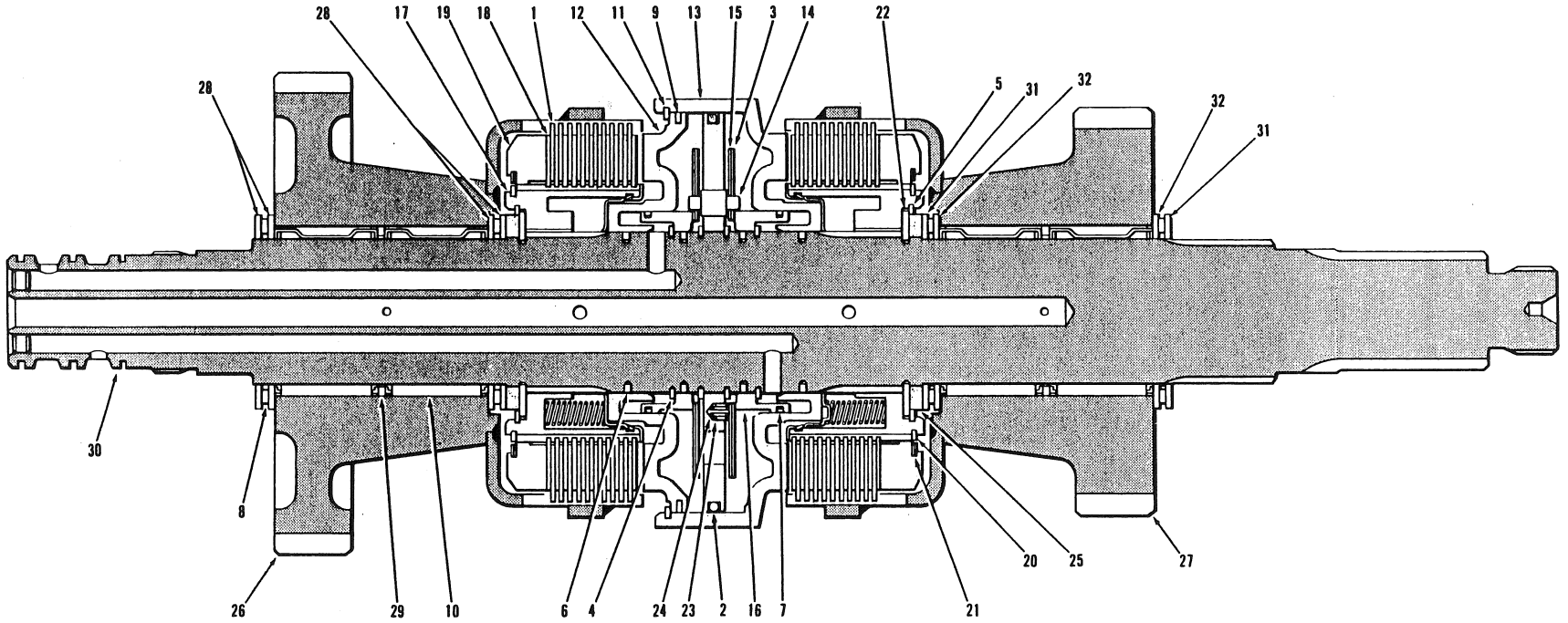
700 SERIES
SERIE 700

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No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	29711	CLUTCH PACK ASSY.- INCLUDES ITEMS 1 TO 32	1	
1	11299	PLATE - EXTERNAL SPLINED	20	
2	11303	O RING	1	
3	11305	DISC - VALVE	2	
4	11307	SNAP RING	2	
5	11314	SNAP RING	2	
6	11316	SEAL RING	4	
7	11319	SEAL RING	2	
8	11321	BEARING	4	
9	11322	SEAL RING	1	
10	11323	BEARING	4	
11	11324	SNAP RING	1	
12	41072	PISTON - CLUTCH	1	
13	41073	DOWEL PIN	3	
14	41074	DISC - REINFORCING	2	
15	41075	HOUSING - PISTON	1	
16	41076	PISTON - ACCELERATING	2	
17	41077	HUB ASSY. - INCLUDES HUB,SPRINGS,SPRING RETAINER & PLATE RETAINER	2	
18	*41092	PLATE - INTERNAL SPLINED	22	
19	41080	PLATE - CLUTCH BACKING	2	
20	41081	SNAP RING	2	
21	41082	SNAP RING	2	
22	41083	RETAINER	4	
23	41084	SPRING - OUTER	6	
24	41085	SPRING - INNER	6	
25	41086	SPACER	2	
26	41087	GEAR & DRUM ASSY.	1	
27	41088	GEAR & DRUM ASSY.	1	
28	41089	WASHER	8	
29	41090	SPACER	2	
30	41108	SHAFT ASSY. - INCLUDES SHAFT,SEPARATOR PLATE,SNAP RINGS & DOWEL PINS	1	
31	42974	WASHER - .063"	2	
32	29823	WASHER - .125"	2	
	*37195	REPAIR KIT - INCLUDES ITEMS - 1,2,4 TO 11 18,20 TO 22,28,31,32.	A.R.	

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700 SERIES
SERIE 700

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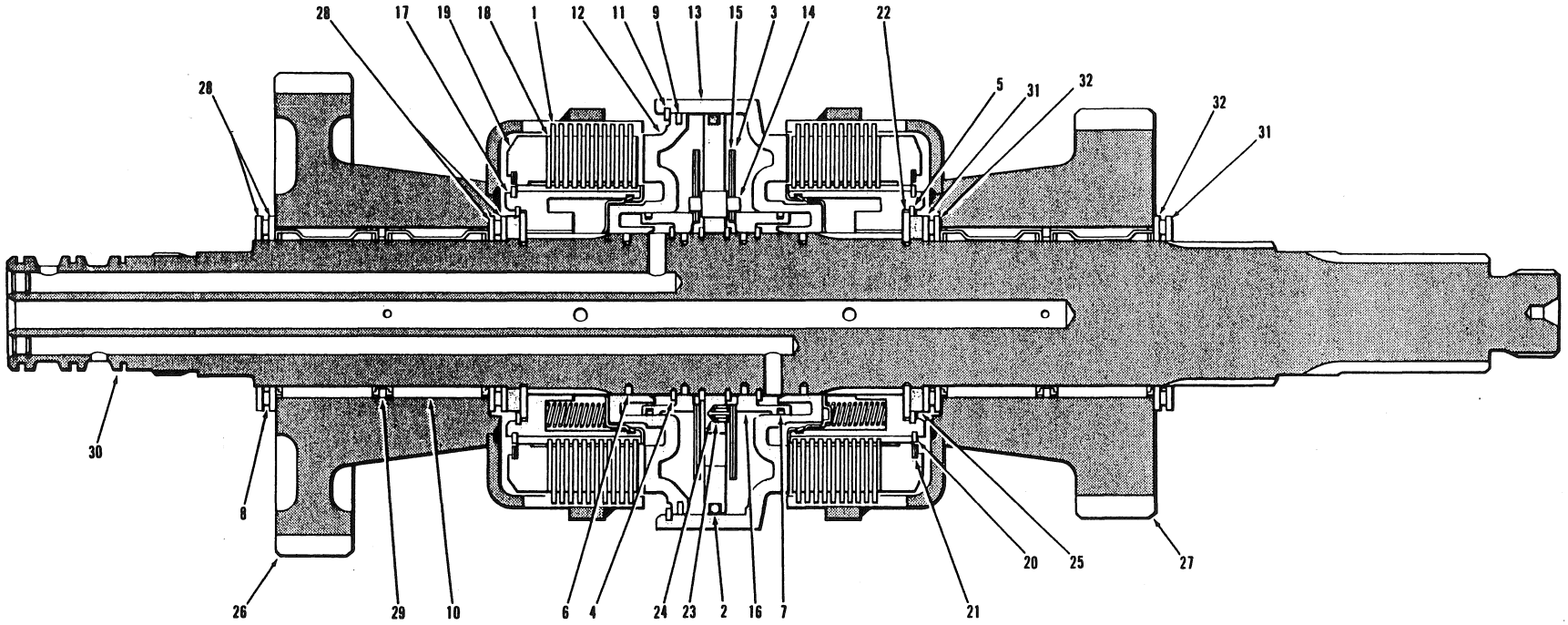
No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	*37845	CLUTCH PACK ASSY.- INCLUDES ITEMS 1 TO 32	1	
1	11299	PLATE - EXTERNAL SPLINED	20	
2	11303	O RING	1	
3	11305	DISC - VALVE	2	
4	11307	SNAP RING	2	
5	11314	SNAP RING	2	
6	11316	SEAL RING	4	
7	11319	SEAL RING	2	
8	11321	BEARING	4	
9	11322	SEAL RING	1	
10	11323	BEARING	4	
11	11324	SNAP RING	1	
12	*37848	PISTON - CLUTCH	1	
13	*37849	HOUSING - PISTON	1	
14	41073	DOWEL PIN	3	
15	41074	DISC - REINFORCING	2	
16	41076	PISTON - ACCELERATING	2	
17	41077	HUB ASSY. - INCLUDES HUB,SPRINGS,SPRING RETAINER & PLATE RETAINER	2	
18	41092	PLATE - INTERNAL SPLINED	22	
19	41080	PLATE - CLUTCH BACKING	2	
20	41081	SNAP RING	2	
21	41082	SNAP RING	2	
22	41083	RETAINER	4	
23	41084	SPRING - OUTER	6	
24	41085	SPRING - INNER	6	
25	41086	SPACER	2	
26	41087	GEAR & DRUM ASSY.	1	
27	41088	GEAR & DRUM ASSY.	1	
28	41089	WASHER	8	
29	41090	SPACER	2	
30	41108	SHAFT ASSY. - INCLUDES SHAFT,SEPARATOR PLATE,SNAP RINGS & DOWEL PINS	1	
31	42974	WASHER - .063"	2	
32	29823	WASHER - .125"	2	
	37195	REPAIR KIT - INCLUDES ITEMS - 1,2,4 TO 11 18,20 TO 22,28,31,32.	A.R.	

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700 SERIES
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SECTION 6 PAGE 9
SECCION PAGINA



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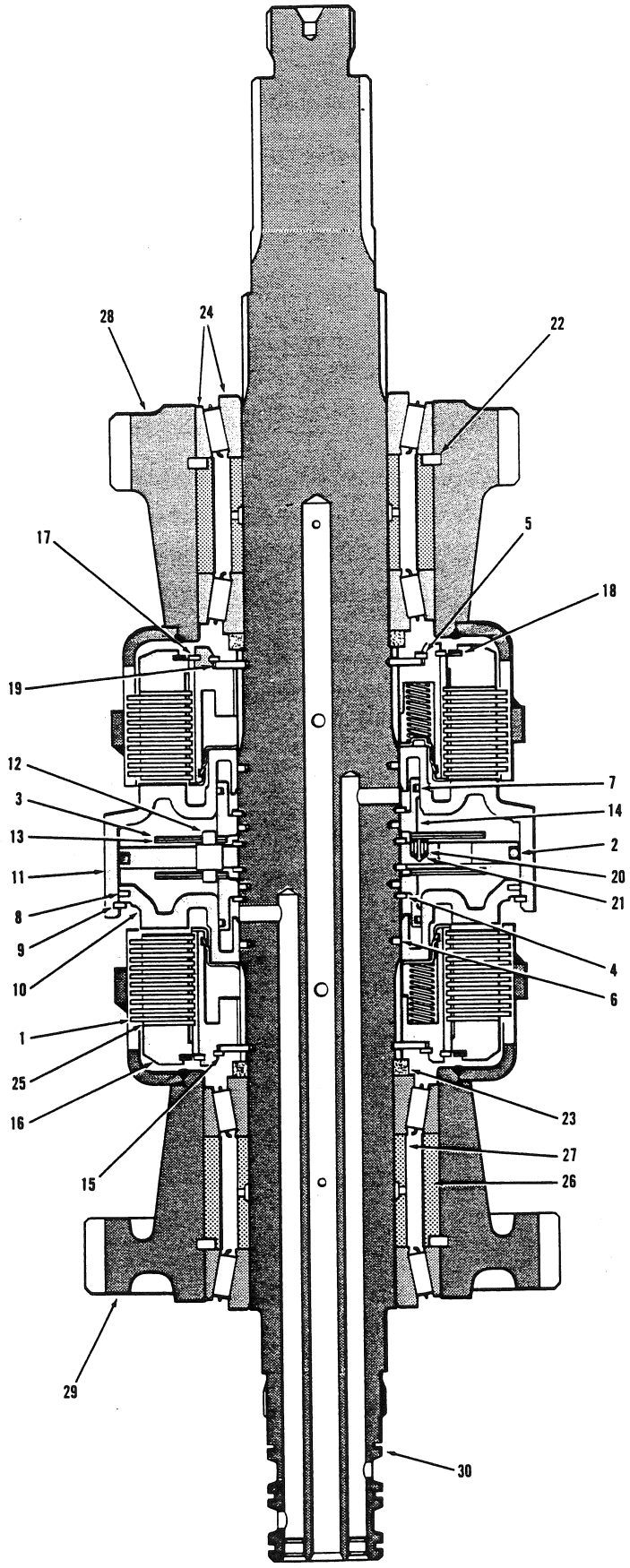
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No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	*53767	CLUTCH PACK ASSEMBLY - INCLUDES ITEMS 1 TO 32	1	
	*55274	REPAIR KIT - INCLUDES ITEMS 1, 2, 4 TO 11, 18, 20 TO 22, 28, 31 & 32	1	
1	11299	PLATE - EXTERNAL SPLINED	20	
2	11303	O RING	1	
3	11305	DISC - VALVE	2	
4	11307	SNAP RING	2	
5	11314	SNAP RING	2	
6	11316	SEAL RING	4	
7	11319	SEAL RING	2	
8	11321	BEARING	4	
9	11322	SEAL RING	1	
10	11323	BEARING	4	
11	11324	SNAP RING	1	
12	37848	PISTON - CLUTCH	1	
13	37849	HOUSING - PISTON	1	
14	41073	DOWEL PIN	3	
15	41074	DISC - REINFORCING	2	
16	41076	PISTON - ACCELERATING	2	
17	41077	HUB ASSEMBLY - INCLUDES HUB, SPRINGS, SPRING RETAINER & PLATE RETAINER	2	
18	*53950	PLATE - INTERNAL SPLINED	22	
19	41080	PLATE - CLUTCH BACKING	2	
20	41081	SNAP RING	2	
21	41082	SNAP RING	2	
22	41083	RETAINER	4	
23	41084	SPRING - OUTER	6	
24	41085	SPRING - INNER	6	
25	41086	SPACER	2	
26	41087	GEAR & DRUM ASSEMBLY	1	
27	41088	GEAR & DRUM ASSEMBLY	1	
28	41089	WASHER	8	
29	41090	SPACER	2	
30	41108	SHAFT ASSEMBLY - INCLUDES SHAFT, SEPARATOR PLATE, SNAP RINGS & DOWEL PINS	1	
31	42974	WASHER - .063"	2	
32	29823	WASHER - .125"	2	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS



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NUMERO(S) DE SERIE EFECTIVO(S)

22380 & UP EXCLUDING 22420 & 22424 to 22427

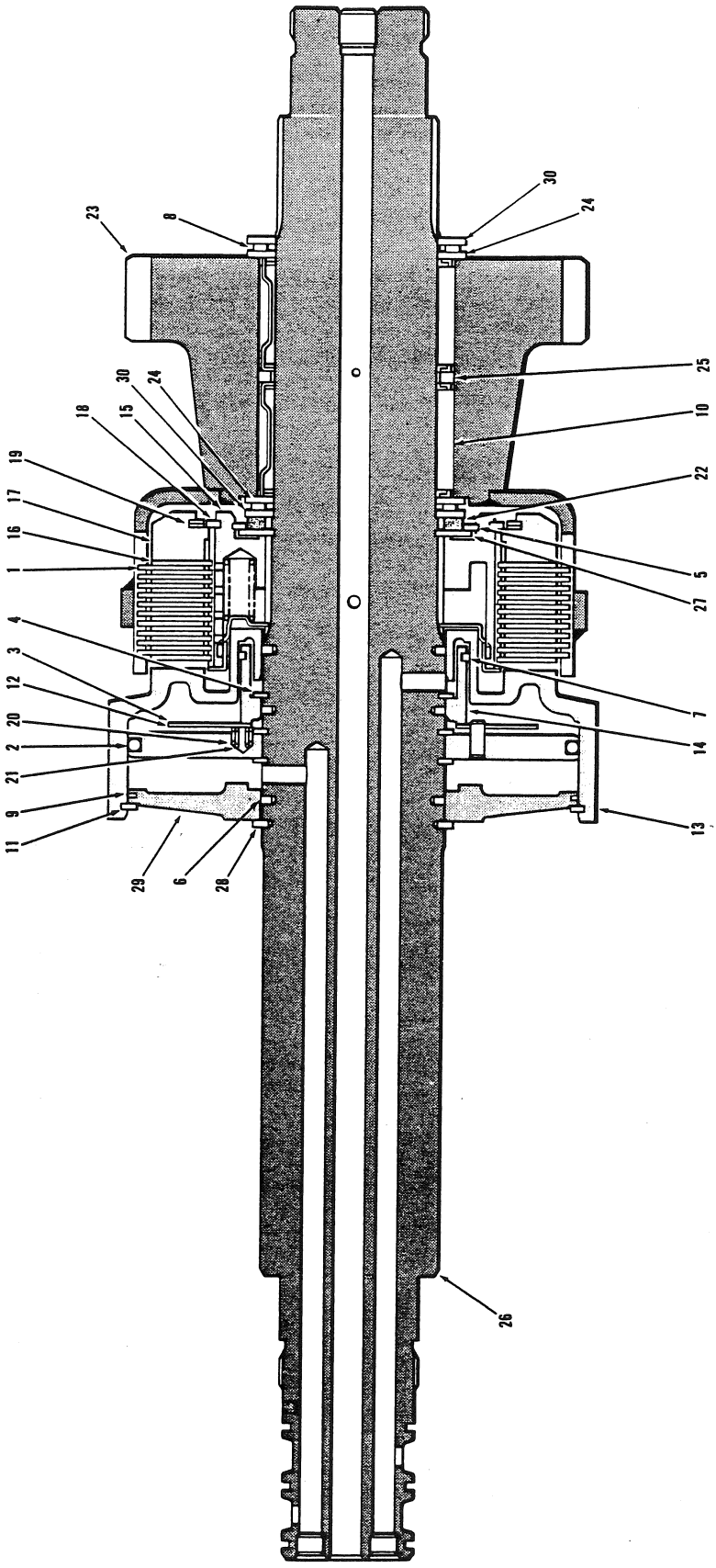
700 SERIES
SERIE 700

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INPUT CLUTCH & SHAFT ASSEMBLY

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	*65642	**CLUTCH PACK ASSEMBLY** - INCLUDES ITEMS 1 to 30	1	
	*63165	**REPAIR KIT FOR 65642** - CLUTCH PACK ASSEMBLY - INCLUDES ITEMS 1, 2, 4 to 9, 17 to 19 & 24 to 27	1	
1	11299	PLATE - EXTERNALLY SPLINED	20	
2	11303	O-RING	1	
3	11305	DISC - VALVE	2	
4	11307	SNAP RING	2	
5	11314	SNAP RING	2	
6	11316	SEAL RING	4	
7	11319	SEAL RING	2	
8	11322	SEAL RING	1	
9	11324	SNAP RING	1	
10	37848	PISTON - CLUTCH	1	
11	37849	HOUSING - PISTON	1	
12	41073	DOWEL PIN	3	
13	41074	DISC - REINFORCING	2	
14	41076	PISTON - ACCELERATING	2	
15	41077	**HUB ASSEMBLY** - INCLUDES HUB, SPRINGS, SPRING RETAINER & PLATE RETAINER	2	
16	41080	PLATE - CLUTCH BACKING	2	
17	41081	SNAP RING	2	
18	41082	SNAP RING	2	
19	41083	RETAINER	4	
20	41084	SPRING - OUTER	6	
21	41085	SPRING - INNER	6	
22	*41098	SNAP RING	2	
23	*41102	SPACER	2	
24	*41504	**CUP & CONE ASSEMBLY**	4	
25	53950	PLATE - INTERNALLY SPLINED	22	
26	*63159	SPACER	2	
27	*63160	SPACER	2	
28	*63161	**GEAR & DRUM ASSEMBLY**	1	
29	*63162	**GEAR & DRUM ASSEMBLY**	1	
30	*63163	**SHAFT ASSEMBLY** - INCLUDES SHAFT, SEPARATOR PLATE, SNAP RINGS & DOWEL PINS	1	

CHAMPION ROAD MACHINERY



REVERSE CLUTCH & SHAFT ASSEMBLY

JUNE 1989

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16224, 16245 to 18272

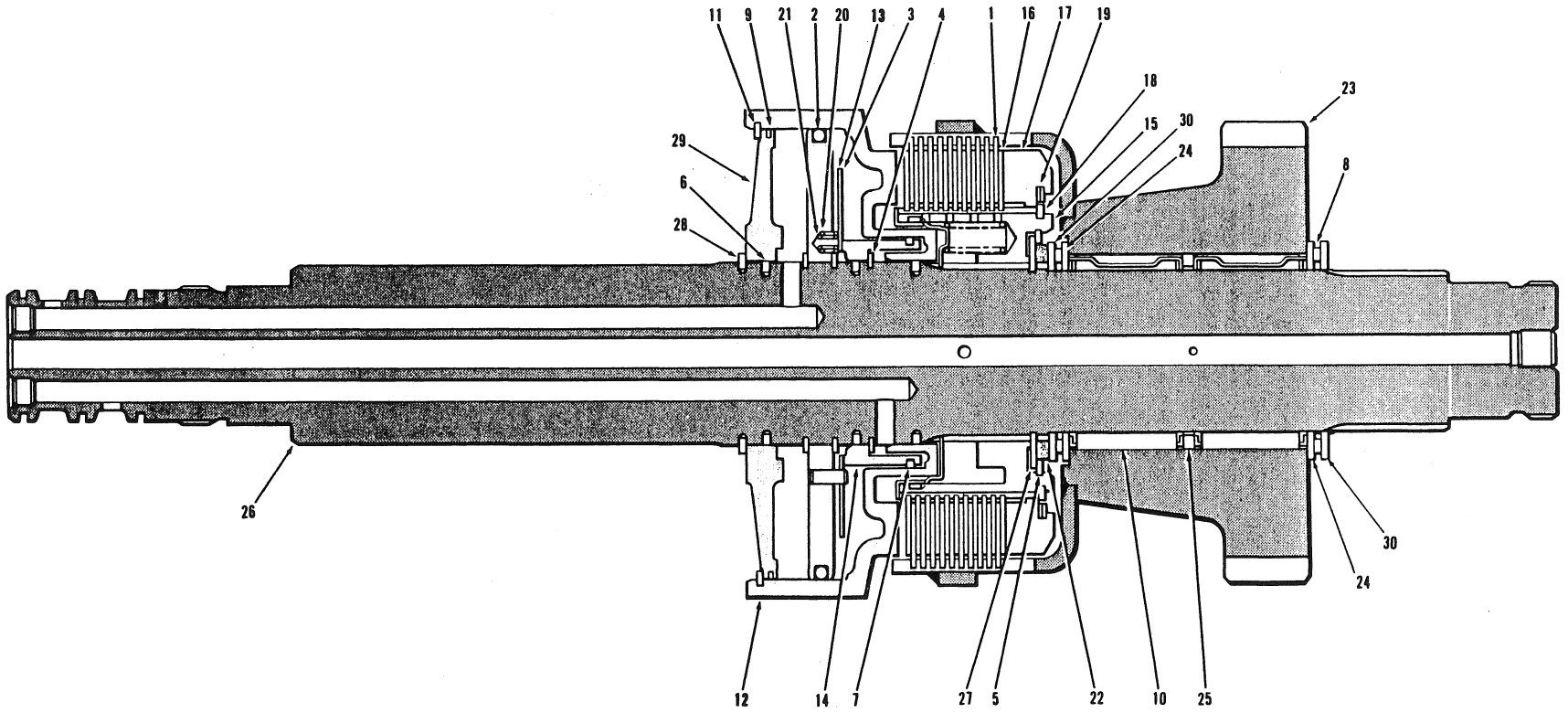
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REVERSE CLUTCH & SHAFT ASSEMBLY

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	29712	CLUTCH PACK ASSEMBLY - INCLUDES ITEMS 1 TO 30	1	
1	11299	PLATE - EXTERNAL SPLINED	10	
2	11303	O RING	1	
3	11305	DISC - VALVE	1	
4	11307	SNAP RING	1	
5	11314	SNAP RING	1	
6	11316	SEAL RING	3	
7	11319	SEAL RING	1	
8	11321	BEARING	2	
9	11322	SEAL RING	1	
10	11323	BEARING	2	
11	11324	SNAP RING	1	
12	41074	DISC - REINFORCING	1	
13	41075	HOUSING - PISTON	1	
14	41076	PISTON	1	
15	41077	HUB ASSEMBLY - INCLUDES HUB, SPRING, SPRING RETAINER & PLATE RETAINER	1	
16	41092	PLATE - INTERNAL SPLINED	11	
17	41080	PLATE - CLUTCH BACKING	1	
18	41081	SNAP RING	1	
19	41082	SNAP RING	1	
20	41084	SPRING - OUTER	3	
21	41085	SPRING - INNER	3	
22	41086	SPACER	1	
23	41088	GEAR & DRUM ASSEMBLY	2	
24	29823	WASHER - .125"	2	
25	41090	SPACER	1	
26	41103	SHAFT ASSEMBLY - INCLUDES SHAFT, SEPARATOR PLATE, SNAP RINGS & DOWEL PINS	1	
27	41104	RETAINER	4	
28	41105	SNAP RING	1	
29	41106	HOUSING - PISTON RETURN	1	
30	42974	WASHER - .063"	2	
	37196	REPAIR KIT - INCLUDES ITEMS 1, 2, 4 TO 11 16, 18, 19, 24, 27, 28 & 30	A.R.	

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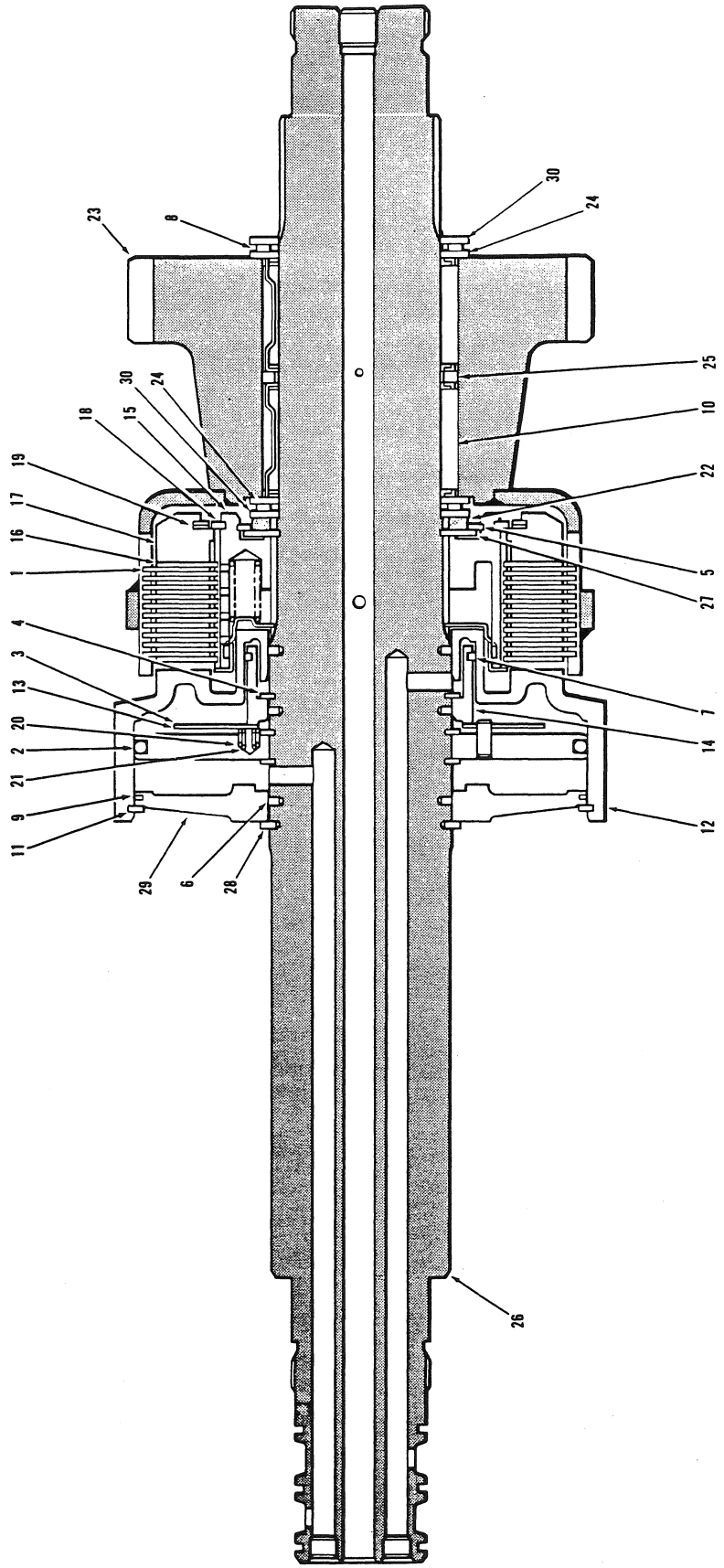
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REVERSE CLUTCH & SHAFT ASSEMBLY

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	37846	CLUTCH PACK ASSY.- INCLUDES ITEMS 1 TO 30	1	
1	11299	PLATE - EXTERNAL SPLINED	10	
2	11303	O RING	1	
3	11305	DISC - VALVE	1	
4	11307	SNAP RING	1	
5	11314	SNAP RING	1	
6	11316	SEAL RING	3	
7	11319	SEAL RING	1	
8	11321	BEARING	2	
9	11322	SEAL RING	1	
10	11323	BEARING	2	
11	11324	SNAP RING	1	
12	37849	HOUSING - PISTON	1	
13	41074	DISC - REINFORCING	1	
14	41076	PISTON	1	
15	41077	HUB ASSY. - INCLUDES HUB,SPRINGS,SPRING RETAINER & PLATE RETAINER	1	
16	41092	PLATE - INTERNAL SPLINED	11	
17	41080	PLATE - CLUTCH BACKING	1	
18	41081	SNAP RING	1	
19	41082	SNAP RING	1	
20	41084	SPRING - OUTER	3	
21	41085	SPRING - INNER	3	
22	41086	SPACER	1	
23	41088	GEAR & DRUM ASSY.	1	
24	29823	WASHER - .125"	2	
25	41090	SPACER	1	
26	41103	SHAFT ASSY. - INCLUDES SHAFT,SEPARATOR PLATE,SNAP RINGS & DOWEL PINS	1	
27	41104	RETAINER	4	
28	41105	SNAP RING	1	
29	41106	HOUSING - PISTON RETURN	1	
30	42974	WASHER - .063"	2	
	37196	REPAIR KIT - INCLUDES ITEMS - 1,2,4 TO 11 16,18,19,24,27,28,30.	A.R.	

CHAMPION ROAD MACHINERY



REVERSE CLUTCH & SHAFT ASSEMBLY

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20242, 20245, 20250, 20253, 20260, 20265 to 21005, 21007 to 21052 & 21159 to 21167

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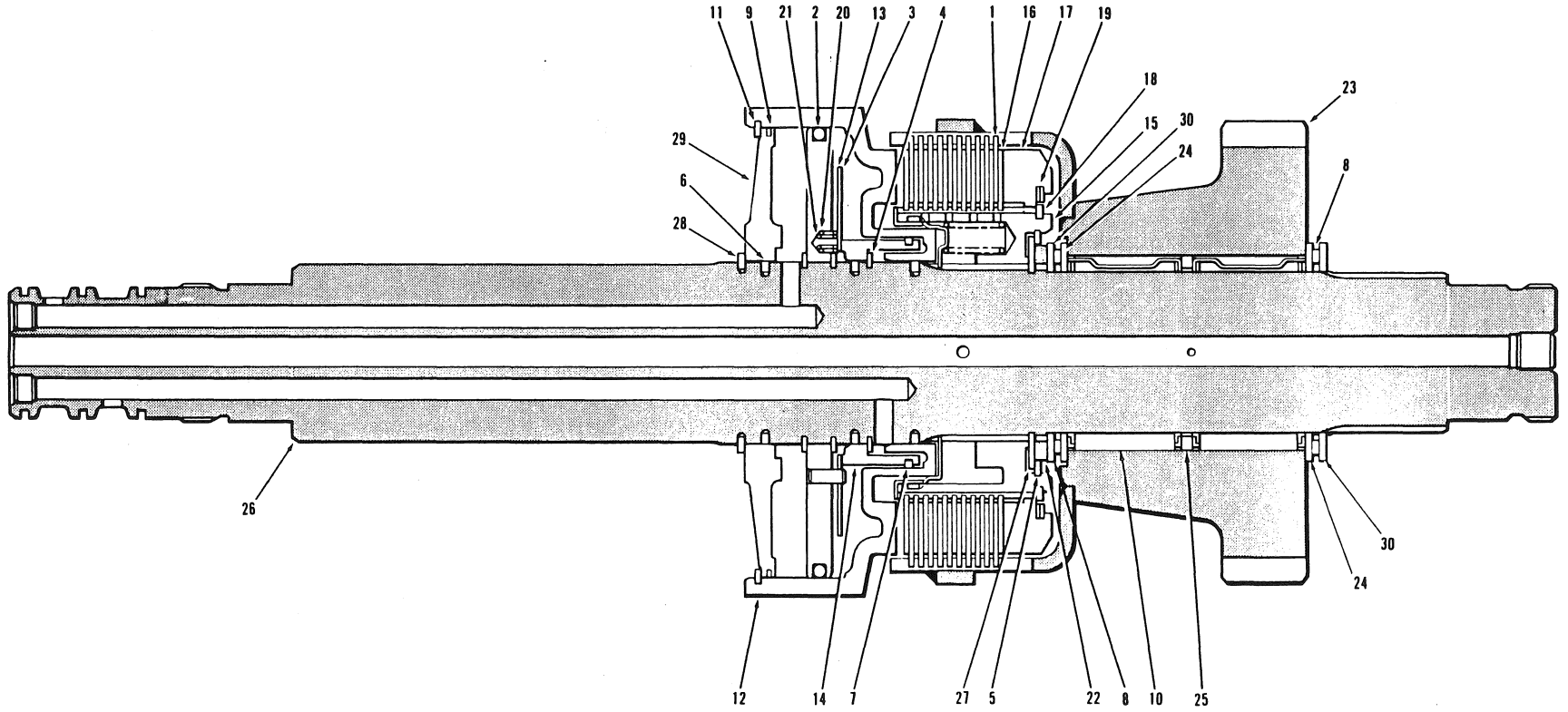
SECTION 6 | PAGE 12 | ISSUE No. / N° D'ÉMISSION / Nº DE EDICION 3 REVISION A

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MARCH 1991

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	*53768	**CLUTCH PACK ASSEMBLY** - INCLUDES ITEMS 1 TO 30	1	
	*55275	**REPAIR KIT** - INCLUDES ITEMS 1, 2, 4 TO 11, 16 18, 19, 24, 27, 28 & 30	1	
1	11299	PLATE - EXTERNAL SPLINED	10	
2	11303	O-RING	1	
3	11305	DISC - VALVE	1	
4	11307	SNAP RING	1	
5	11314	SNAP RING	1	
6	11316	SEAL RING	3	
7	11319	SEAL RING	1	
8	11321	BEARING	2	
9	11322	SEAL RING	1	
10	11323	BEARING	2	
11	11324	SNAP RING	1	
12	37849	HOUSING - PISTON	1	
13	41074	DISC - REINFORCING	1	
14	41076	PISTON	1	
15	41077	**HUB ASSEMBLY** - INCLUDES HUB, SPRINGS, SPRING RETAINER & PLATE RETAINER	1	
16	*53950	PLATE - INTERNAL SPLINED	11	
17	41080	PLATE - CLUTCH BACKING	1	
18	41081	SNAP RING	1	
19	41082	SNAP RING	1	
20	41084	SPRING - OUTER	3	
21	41085	SPRING - INNER	3	
22	41086	SPACER	1	
23	41088	**GEAR & DRUM ASSEMBLY**	1	
24	29823	WASHER - .125"	2	
25	41090	SPACER	1	
26	41103	**SHAFT ASSEMBLY** - INCLUDES SHAFT, SEPARATOR PLATE, SNAP RINGS & DOWEL PINS	1	
27	41104	RETAINER	4	
28	41105	SNAP RING	1	
29	41106	HOUSING - PISTON RETURN	1	
30	42974	WASHER - .063"	2	

No. Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. Nº REQ.	REMARKS REMARQUES NOTAS



REVERSE CLUTCH & SHAFT ASSEMBLY

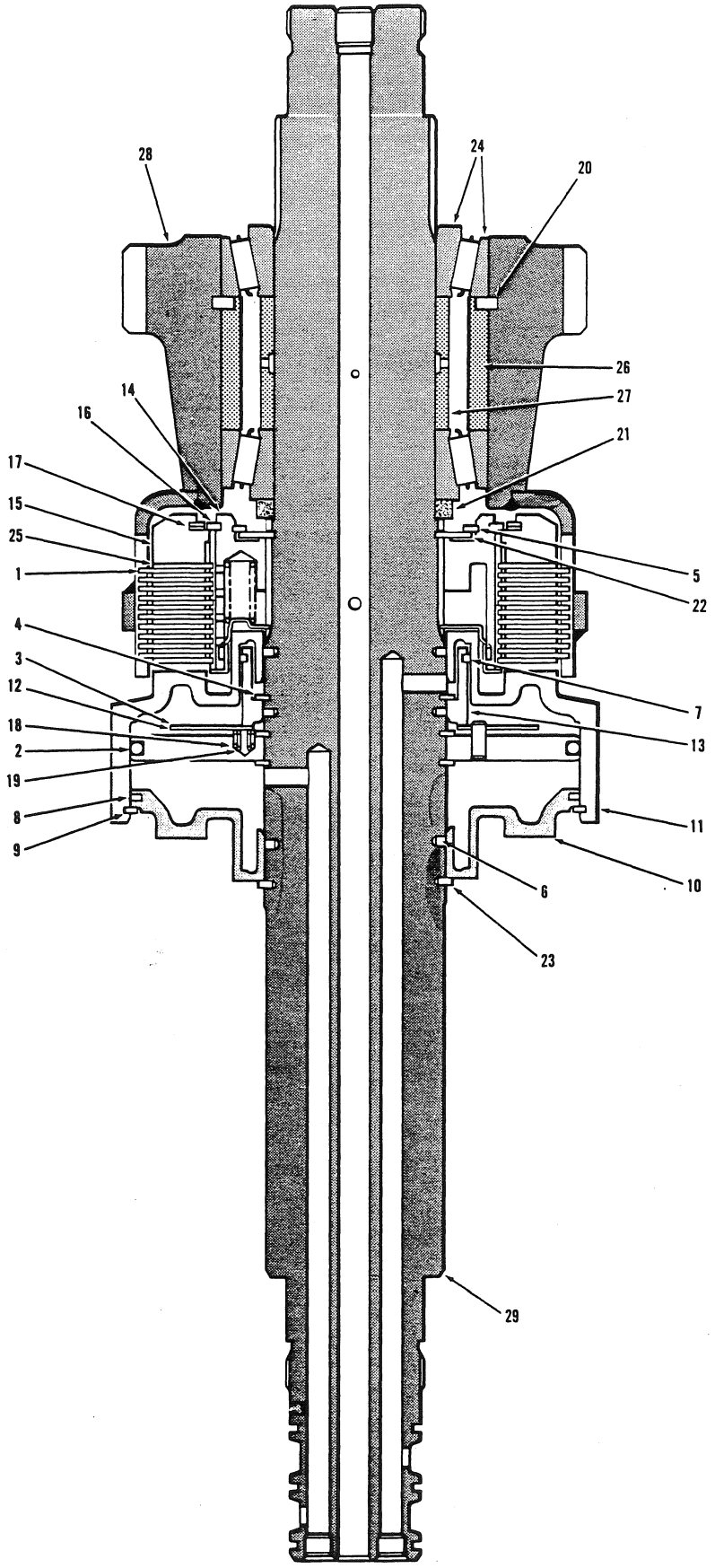
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	* 58115	**CLUTCH PACK ASSEMBLY** - INCLUDES ITEMS 1 TO 30	1	
	55275	**REPAIR KIT FOR 58115 - CLUTCH PACK ASSEMBLY** - INCLUDES ITEMS 1, 2, 4 TO 11, 16 18, 19, 24, 27, 28 & 30	1 per	
1	11299	PLATE - EXTERNAL SPLINED	10	
2	11303	O RING	1	
3	11305	DISC - VALVE	1	
4	11307	SNAP RING	1	
5	11314	SNAP RING	1	
6	11316	SEAL RING	3	
7	11319	SEAL RING	1	
8	11321	BEARING	2	
9	11322	SEAL RING	1	
10	11323	BEARING	2	
11	11324	SNAP RING	1	
12	37849	HOUSING - PISTON	1	
13	41074	DISC - REINFORCING	1	
14	41076	PISTON	1	
15	41077	**HUB ASSEMBLY** - INCLUDES HUB, SPRINGS, SPRING RETAINER & PLATE RETAINER	1	
16	53950	PLATE - INTERNAL SPLINED	11	
17	41080	PLATE - CLUTCH BACKING	1	
18	41081	SNAP RING	1	
19	41082	SNAP RING	1	
20	41084	SPRING - OUTER	3	
21	41085	SPRING - INNER	3	
22	41086	SPACER	1	
23	41088	**GEAR & DRUM ASSEMBLY**	1	
24	29823	WASHER - .125"	2	
25	41090	SPACER	1	
26	* 39108	**SHAFT ASSEMBLY** - INCLUDES SHAFT, SEPARATOR PLATE, SNAP RINGS & DOWEL PINS	1	
27	41104	RETAINER	4	
28	41105	SNAP RING	1	
29	* 39109	HOUSING - PISTON RETURN	1	
30	42974	WASHER - .063"	2	



CHAMPION RO. MACHINERY

AUGUST 1992

REVERSE CLUTCH & SHAFT ASSEMBLY

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SECCION PAGINA

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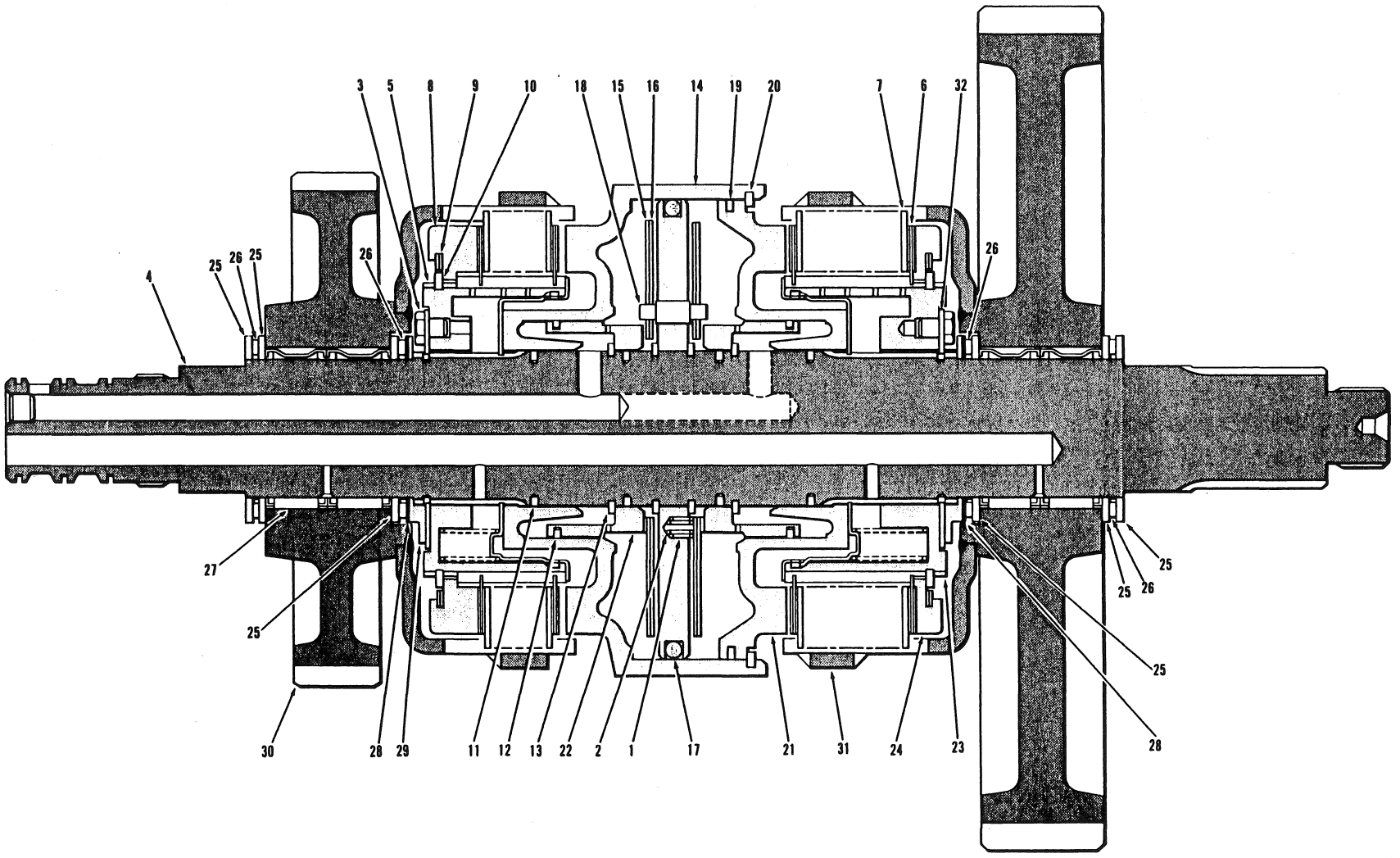
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	*65643	**CLUTCH PACK ASSEMBLY** - INCLUDES ITEMS 1 to 29	1	
	*63166	**REPAIR KIT FOR 65643** - CLUTCH PACK ASSEMBLY - INCLUDES ITEMS 1, 2, 4 to 9, 16, 17, 20 & 22 to 27	1 per	
1	11299	PLATE - EXTERNALLY SPLINED	10	
2	11303	O-RING	1	
3	11305	DISC - VALVE	1	
4	11307	SNAP RING	1	
5	11314	SNAP RING	1	
6	11316	SEAL RING	3	
7	11319	SEAL RING	1	
8	11322	SEAL RING	1	
9	11324	SNAP RING	1	
10	*37848	PISTON - CLUTCH	1	
11	37849	HOUSING - PISTON	1	
12	41074	DISC - REINFORCING	1	
13	41076	PISTON - ACCELERATING	1	
14	41077	**HUB ASSEMBLY** - INCLUDES HUB, SPRINGS, SPRING RETAINER & PLATE RETAINER	1	
15	41080	PLATE - CLUTCH BACKING	1	
16	41081	SNAP RING	1	
17	41082	SNAP RING	1	
18	41084	SPRING - OUTER	3	
19	41085	SPRING - INNER	3	
20	*41098	SNAP RING	1	
21	*41102	SPACER	1	
22	41104	RETAINER	4	
23	41105	SNAP RING	1	
24	*41504	**CUP & CONE ASSEMBLY**	2	
25	53950	PLATE - INTERNALLY SPLINED	11	
26	*63159	SPACER	1	
27	*63160	SPACER	1	
28	*63161	**GEAR & DRUM ASSEMBLY**	1	
29	*63164	**SHAFT ASSEMBLY** - INCLUDES SHAFT, SEPARATOR PLATE, SNAP RINGS & DOWEL PINS	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS

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SECTION 6 PAGE 13
SECCION 6 PAGINA 13



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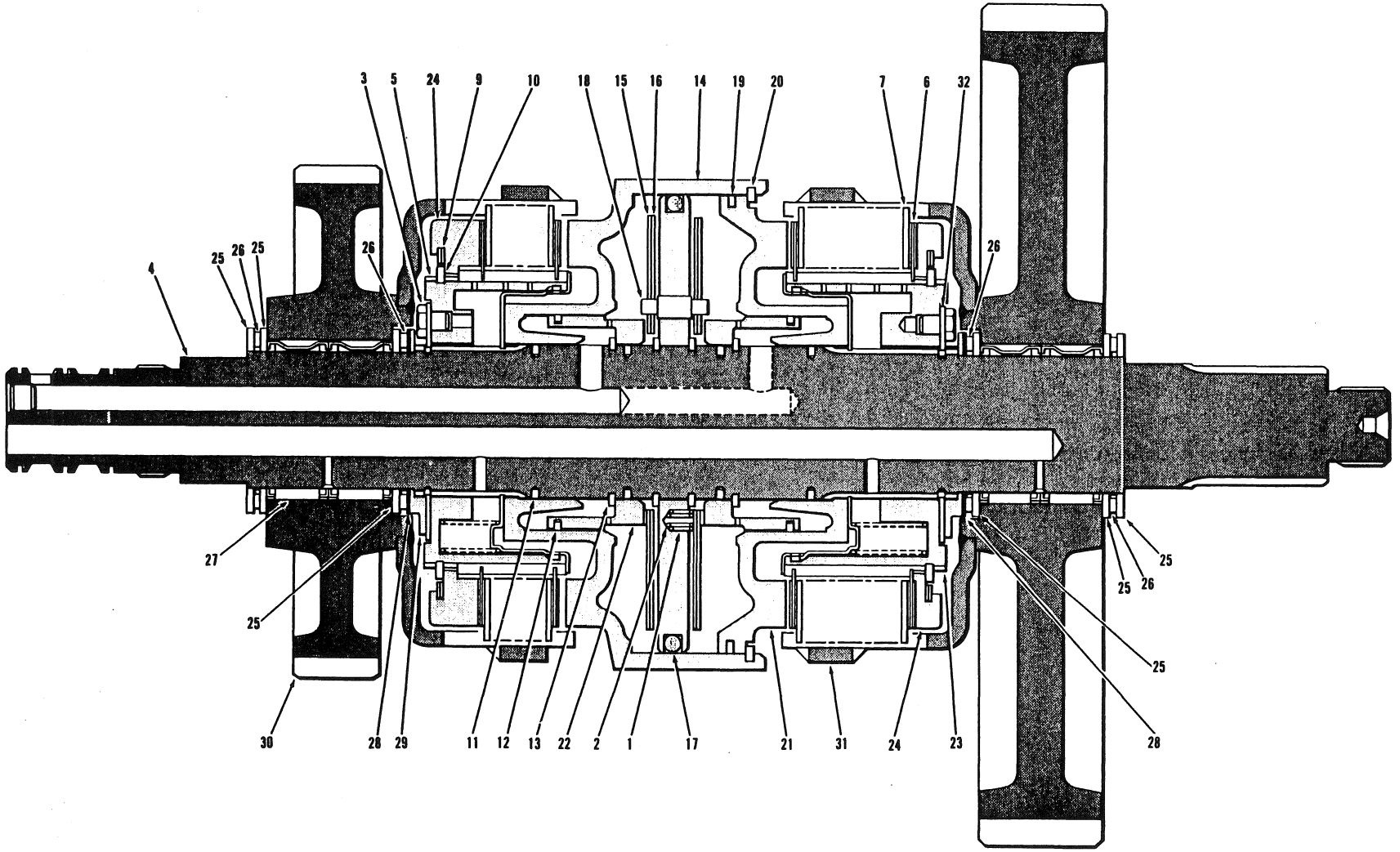
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	29714	CLUTCH PACK ASSY.- INCLUDES ITEMS 1 TO 32	1	
	*37194	REPAIR KIT FOR CLUTCH PACK - INCLUDES ITEMS 3,6,7,9 TO 13,17,19,20,25 TO 28,32		
1	19453	SPRING - OUTER	6	
2	19454	SPRING - INNER	6	
3	19456	BOLT	4	
4	41109	SHAFT ASSY. - INCLUDES SHAFT,SEPARATOR PLATE,SNAP RINGS & DOWEL PINS	1	
5	41110	HUB ASSY. - INCLUDES HUB,SPRINGS,SPRING RETAINER & PLATE RETAINER	1	
6	41112	PLATE - INTERNAL SPLINED	18	
7	41113	PLATE - EXTERNAL SPLINED	16	
8	41114	PLATE - CLUTCH BACKING	1	
9	41115	SNAP RING	2	
10	41116	SNAP RING	2	
11	41117	SEAL RING	4	
12	41118	SEAL RING	2	
13	41119	SNAP RING	2	
14	41120	HOUSING - PISTON	1	
15	41121	DISC - VALVE	2	
16	41122	DISC - REINFORCING	2	
17	41123	O RING	1	
18	41124	DOWEL PIN	3	
19	41125	SEAL RING	1	
20	41126	SNAP RING	1	
21	41127	PISTON - CLUTCH	1	
22	41128	PISTON - ACCELERATING	1	
23	41129	HUB ASSY. - INCLUDES HUB,SPRINGS,SPRING RETAINER & PLATE RETAINER	1	
24	41130	PLATE - CLUTCH BACKING	1	
25	41131	WASHER - .125" THICK	6	
26	41132	BEARING	4	
27	41133	BEARING	4	
28	41134	WASHER - .031" THICK	2	
29	41135	SPACER	2	
30	41136	GEAR & DRUM ASSY.	1	
31	41137	GEAR & DRUM ASSY.	1	
32	41138	RETAINER	4	



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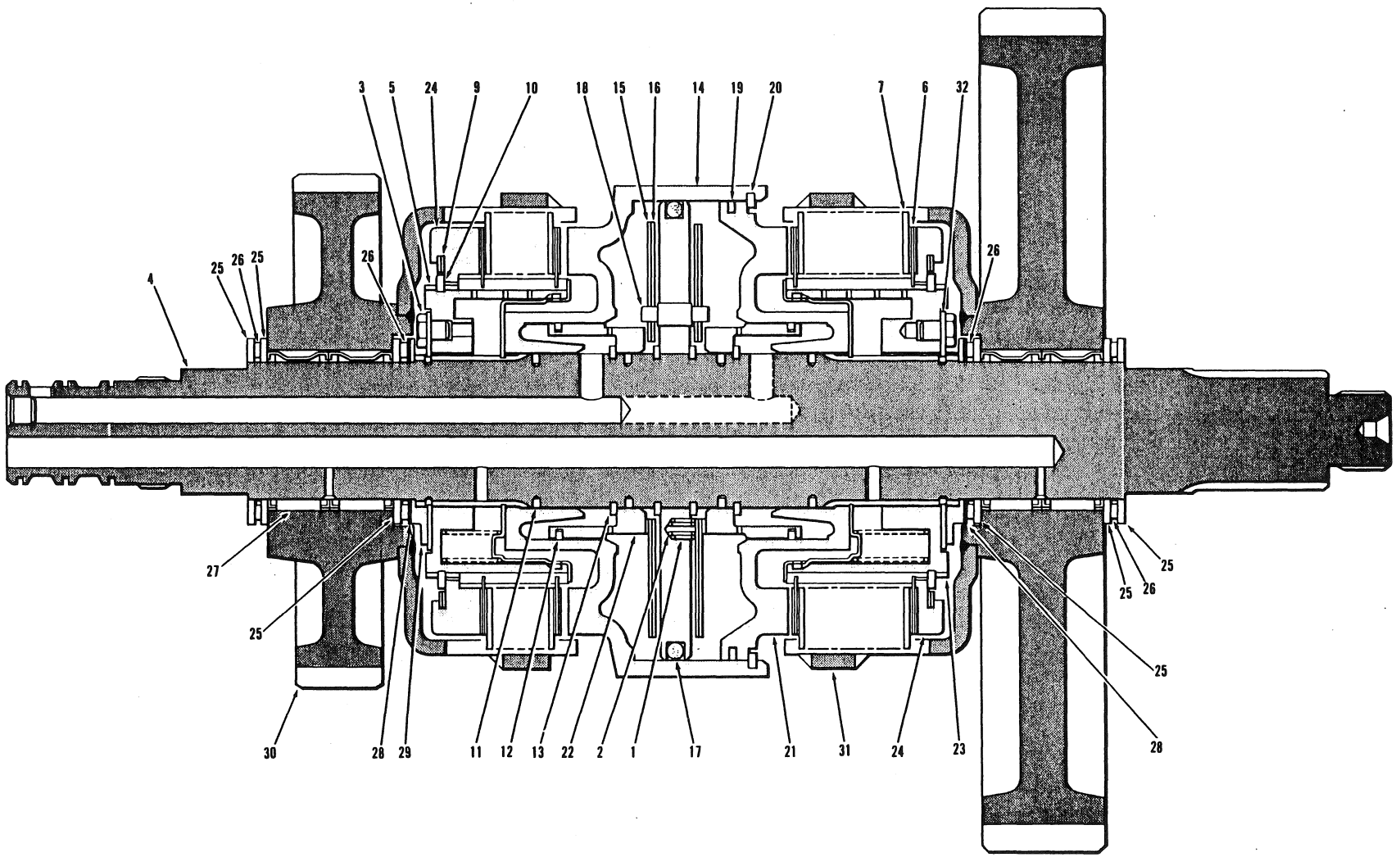
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	*54764	CLUTCH PACK ASSEMBLY - INCLUDES ITEMS 1 TO 32	1	
	*55273	REPAIR KIT FOR CLUTCH PACK - INCLUDES ITEMS 3, 6, 7, 9 TO 13, 17, 19, 20, 25 TO 28 & 32	1	
1	19453	SPRING - OUTER	6	
2	19454	SPRING - INNER	6	
3	19456	BOLT	4	
4	41109	SHAFT ASSEMBLY - INCLUDES SHAFT, SEPARATOR PLATE, SNAP RINGS & DOWEL PINS	1	
5	41110	HUB ASSEMBLY - INCLUDES HUB, SPRINGS, SPRING RETAINER & PLATE RETAINER	1	
6	*53951	PLATE - INTERNAL SPLINED	20	
7	*55272	PLATE - EXTERNAL SPLINED	18	
9	41115	SNAP RING	2	
10	41116	SNAP RING	2	
11	41117	SEAL RING	4	
12	41118	SEAL RING	2	
13	41119	SNAP RING	2	
14	41120	HOUSING - PISTON	1	
15	41121	DISC - VALVE	2	
16	41122	DISC - REINFORCING	2	
17	41123	O RING	1	
18	41124	DOWEL PIN	3	
19	41125	SEAL RING	1	
20	41126	SNAP RING	1	
21	41127	PISTON - CLUTCH	1	
22	41128	PISTON - ACCELERATING	1	
23	41129	HUB ASSEMBLY - INCLUDES HUB, SPRINGS, SPRING RETAINER & PLATE RETAINER	1	
24	*41130	PLATE - CLUTCH BACKING	2	
25	41131	WASHER - .125" THICK	6	
26	41132	BEARING	4	
27	41133	BEARING	4	
28	41134	WASHER - .031" THICK	2	
29	41135	SPACER	2	
30	41136	GEAR & DRUM ASSEMBLY	1	
31	41137	GEAR & DRUM ASSEMBLY	1	
32	41138	RETAINER	4	

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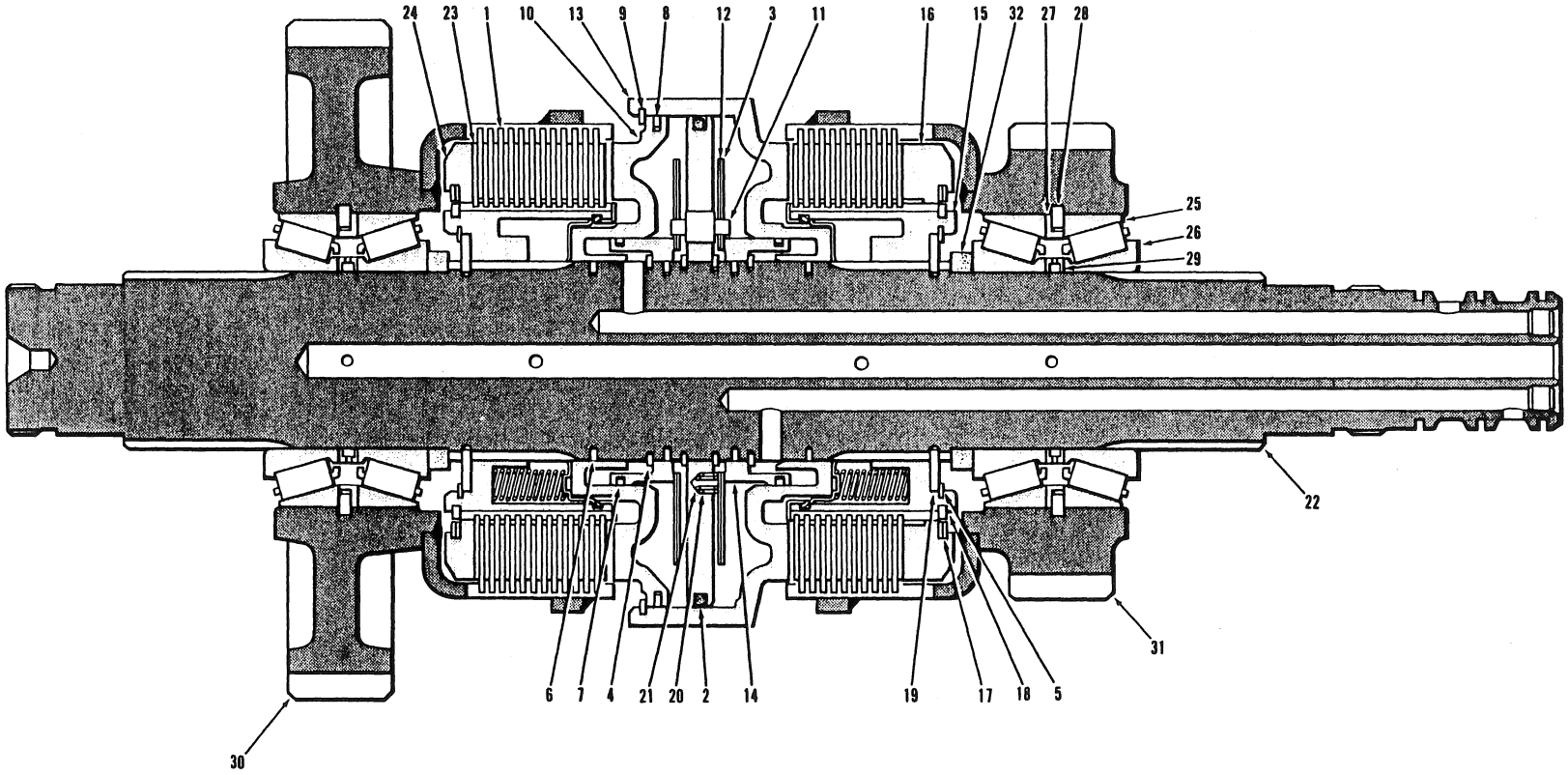
JULY 1991

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

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OUTPUT CLUTCH & SHAFT ASSEMBLY

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	*57990	**CLUTCH PACK ASSEMBLY** - INCLUDES ITEMS 1 to 32	1	
	55273	**REPAIR KIT FOR 57990** - CLUTCH PACK - INCLUDES ITEMS 3, 6, 7, 9 to 13, 17, 19, 20, 25 to 28 & 32	1	
1	19453	SPRING - OUTER	6	
2	19454	SPRING - INNER	6	
3	19456	BOLT	4	
4	41109	**SHAFT ASSEMBLY** - INCLUDES SHAFT, SEPARATOR PLATE, SNAP RINGS & DOWEL PINS	1	
5	41110	**HUB ASSEMBLY** - INCLUDES HUB, SPRINGS, SPRING RETAINER & PLATE RETAINER	1	
6	53951	PLATE - INTERNAL SPLINED	20	
7	55272	PLATE - EXTERNAL SPLINED	18	
9	41115	SNAP RING	2	
10	41116	SNAP RING	2	
11	41117	SEAL RING	4	
12	41118	SEAL RING	2	
13	41119	SNAP RING	2	
14	41120	HOUSING - PISTON	1	
15	41121	DISC - VALVE	2	
16	41122	DISC - REINFORCING	2	
17	41123	O-RING	1	
18	41124	DOWEL PIN	3	
19	41125	SEAL RING	1	
20	41126	SNAP RING	1	
21	41127	PISTON - CLUTCH	1	
22	41128	PISTON - ACCELERATING	1	
23	41129	**HUB ASSEMBLY** - INCLUDES HUB, SPRINGS, SPRING RETAINER & PLATE RETAINER	1	
24	41130	PLATE - CLUTCH BACKING	2	
25	41131	WASHER - .125" THICK	6	
26	41132	BEARING	4	
27	41133	BEARING	4	
28	41134	WASHER - .031" THICK	2	
29	41135	SPACER	2	
30	41136	**GEAR & DRUM ASSEMBLY**	1	
31	*66089	**GEAR & DRUM ASSEMBLY**	1	
32	41138	RETAINER	4	



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INTERMEDIATE CLUTCH & SHAFT ASSEMBLY

SEPTEMBER 1984

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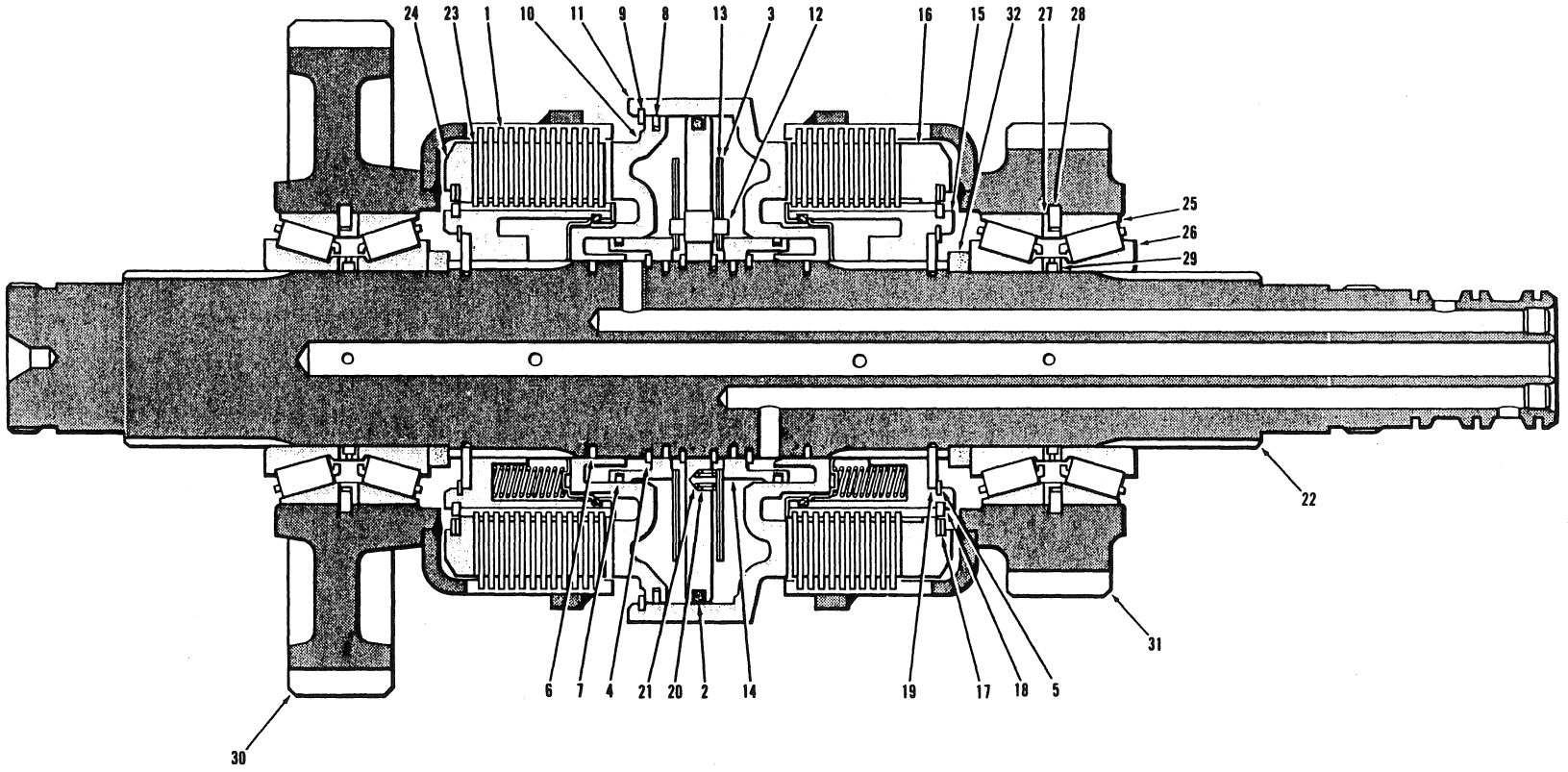
INTERMEDIATE CLUTCH & SHAFT ASSEMBLY

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	29782	CLUTCH PACK ASSY.- INCLUDES ITEMS 1 TO 32	1	
1	11299	PLATE - EXTERNAL SPLINED	22	
2	11303	O RING	1	
3	11305	DISC - VALVE	2	
4	11307	SNAP RING	2	
5	11314	SNAP RING	2	
6	11316	SEAL RING	4	
7	11319	SEAL RING	2	
8	11322	SEAL RING	1	
9	11324	SNAP RING	1	
10	41072	PISTON - CLUTCH	1	
11	41073	DOWEL PIN	3	
12	41074	DISC - REINFORCING	2	
13	41075	HOUSING - PISTON	1	
14	41076	PISTON - ACCELERATING	2	
15	41077	HUB ASSY. - INCLUDES HUB,SPRINGS,SPRING RETAINER & PLATE RETAINER	2	
16	41080	PLATE - CLUTCH BACKING	2	
17	41081	SNAP RING	2	
18	41082	SNAP RING	2	
19	41083	RETAINER	2	
20	41084	SPRING - OUTER	6	
21	41085	SPRING - INNER	6	
22	41091	SHAFT ASSY. - INCLUDES SHAFT,SEPARATOR PLATE,SNAP RINGS & DOWEL PINS	1	
23	41092	PLATE - INTERNAL SPLINED	24	
24	41093	PLATE - CLUTCH BACKING	1	
25	41095	CUP	4	
26	41096	CONE	4	
27	41097	SPACER - CUP	2	
28	41098	SNAP RING	2	
29	41099	SPACER - CONE	2	
30	41100	GEAR & DRUM ASSY.	1	
31	41101	GEAR & DRUM ASSY.	1	
32	41102	SPACER	2	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS

EFFECTIVE SERIAL NUMBER(S) 18285 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

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ISSUE No.
Nº D'ÉMISSION
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INTERMEDIATE CLUTCH & SHAFT ASSEMBLY

SEPTEMBER 1987

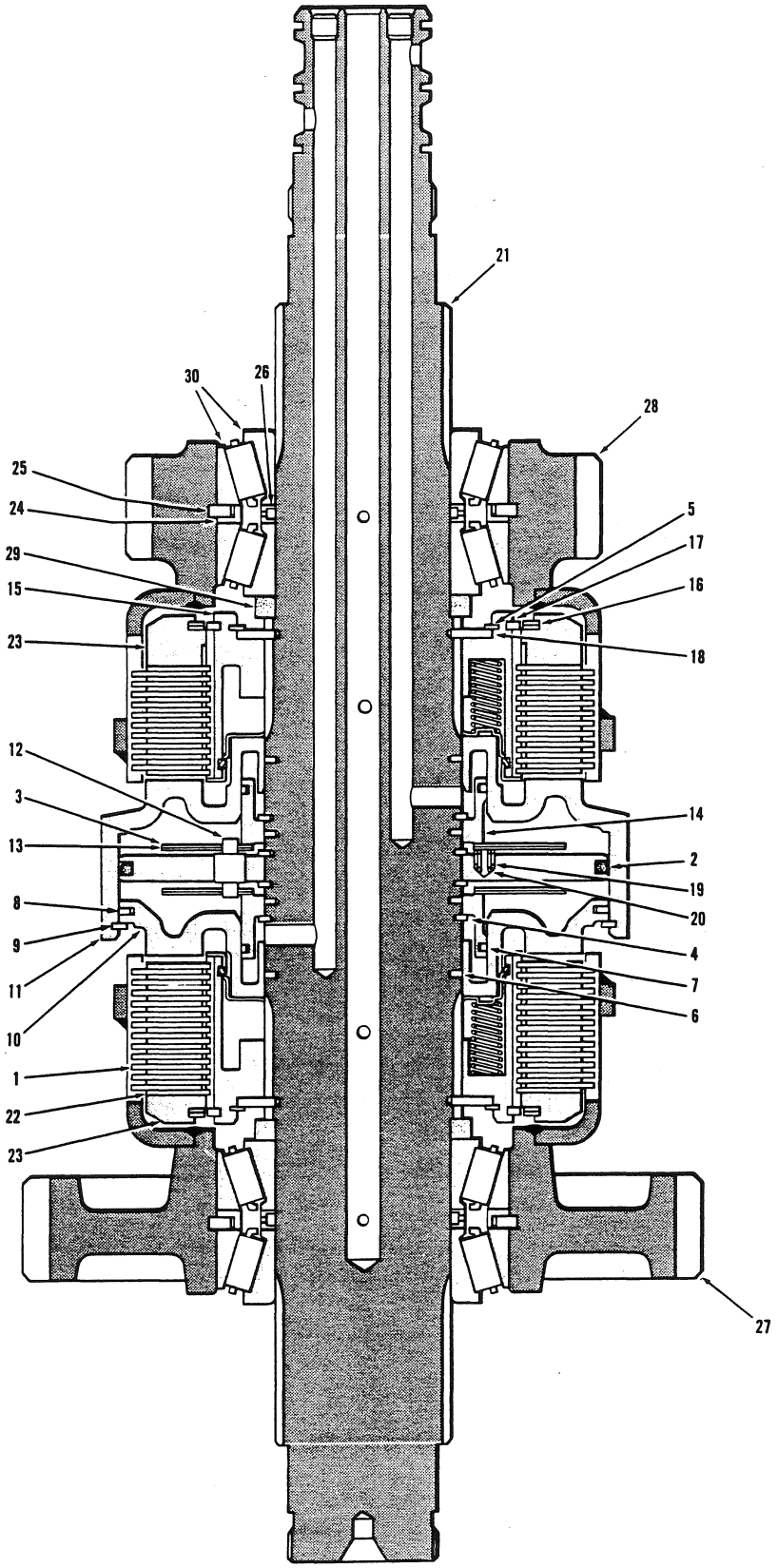
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

INTERMEDIATE CLUTCH & SHAFT ASSEMBLY

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	*37847	CLUTCH PACK ASSY.- INCLUDES ITEMS 1 TO 32	1	
1	11299	PLATE - EXTERNAL SPLINED	22	
2	11303	O RING	1	
3	11305	DISC - VALVE	2	
4	11307	SNAP RING	2	
5	11314	SNAP RING	2	
6	11316	SEAL RING	4	
7	11319	SEAL RING	2	
8	11322	SEAL RING	1	
9	11324	SNAP RING	1	
10	*37848	PISTON - CLUTCH	1	
11	*37849	HOUSING - PISTON	1	
12	41073	DOWEL PIN	3	
13	41074	DISC - REINFORCING	2	
14	41076	PISTON - ACCELERATING	2	
15	41077	HUB ASSY. - INCLUDES HUB, SPRINGS, SPRING RETAINER & PLATE RETAINER	2	
16	41080	PLATE - CLUTCH BACKING	1	
17	41081	SNAP RING	2	
18	41082	SNAP RING	2	
19	41083	RETAINER	2	
20	41084	SPRING - OUTER	6	
21	41085	SPRING - INNER	6	
22	41091	SHAFT ASSY. - INCLUDES SHAFT, SEPARATOR PLATE, SNAP RINGS & DOWEL PINS	1	
23	41092	PLATE - INTERNAL SPLINED	24	
24	41093	PLATE - CLUTCH BACKING	1	
25	41095	CUP	4	
26	41096	CONE	4	
27	41097	SPACER - CUP	2	
28	41098	SNAP RING	2	
29	41099	SPACER - CONE	2	
30	41100	GEAR & DRUM ASSY.	1	
31	41101	GEAR & DRUM ASSY.	1	
32	41102	SPACER	2	
	*37197	REPAIR KIT - INCLUDES ITEMS - 1,2,4 TO 9, 17 TO 19,23,25 TO 28	A.R.	

CHAMPION RL MACHINERY



INTERMEDIATE CLUTCH & SHAFT ASSEMBLY

AUGUST 1992

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **3 REVISION A**

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NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20242, 20245, 20250, 20253, 20260, 20265 & UP

700 SERIES
SERIE 700

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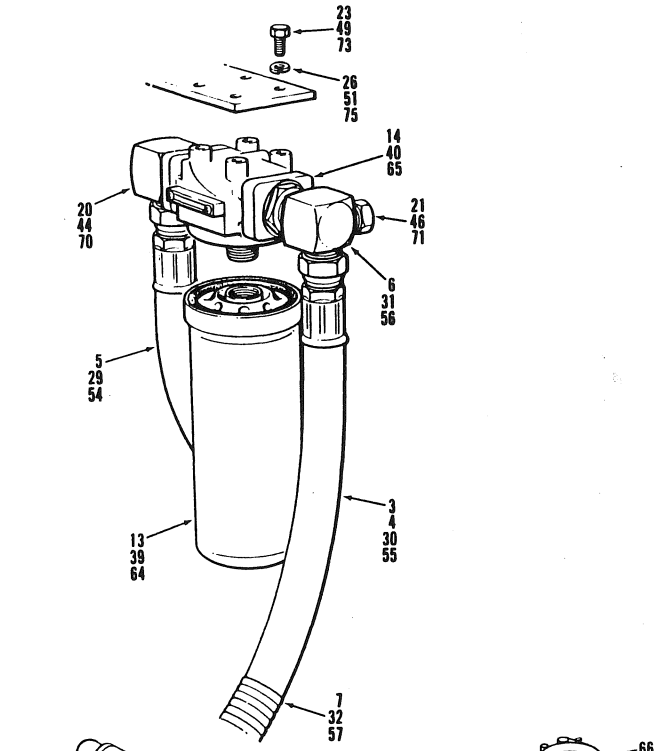
INTERMEDIATE CLUTCH & SHAFT ASSEMBLY

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	54336	**CLUTCH PACK ASSEMBLY - INCLUDES ITEMS 1 to 30**	1	
	55276	**REPAIR KIT FOR 54336 - CLUTCH PACK ASSEMBLY - INCLUDES ITEMS 1, 2, 4 to 9, 16 to 18, 22, 24, 25 & 30**	1	
1	11299	PLATE - EXTERNALLY SPLINED	24	
2	11303	O RING	1	
3	11305	DISC - VALVE	2	
4	11307	SNAP RING	2	
5	11314	SNAP RING	2	
6	11316	SEAL RING	4	
7	11319	SEAL RING	2	
8	11322	SEAL RING	1	
9	11324	SNAP RING	1	
10	37848	PISTON - CLUTCH	1	
11	37849	HOUSING - PISTON	1	
12	41073	DOWEL PIN	3	
13	41074	DISC - REINFORCING	2	
14	41076	PISTON - ACCELERATING	2	
15	41077	**HUB ASSEMBLY** - INCLUDES HUB, SPRINGS, SPRING RETAINER & PLATE RETAINER	2	
16	41081	SNAP RING	2	
17	41082	SNAP RING	2	
18	41083	RETAINER	2	
19	41084	SPRING - OUTER	6	
20	41085	SPRING - INNER	6	
21	54235	**SHAFT ASSEMBLY** - INCLUDES SHAFT, SEPARATOR PLATE, SNAP RINGS & DOWEL PINS	1	
22	53950	PLATE - INTERNALLY SPLINED	26	
23	41093	PLATE - CLUTCH BACKING	2	
24	41097	SPACER - CUP	2	
25	41098	SNAP RING	2	
26	41099	SPACER - CONE	2	
27	41100	**GEAR & DRUM ASSEMBLY**	1	
28	41101	**GEAR & DRUM ASSEMBLY**	1	
29	41102	SPACER	2	
30	*41504	**CUP & CONE ASSEMBLY**	4	

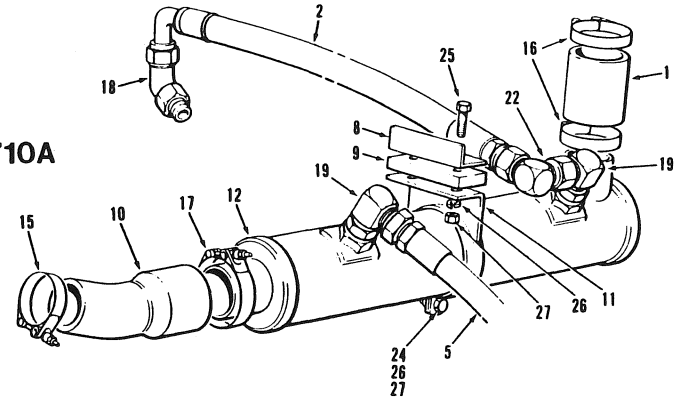
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NUMERO(S) DE SERIE EFECTIVO(S)

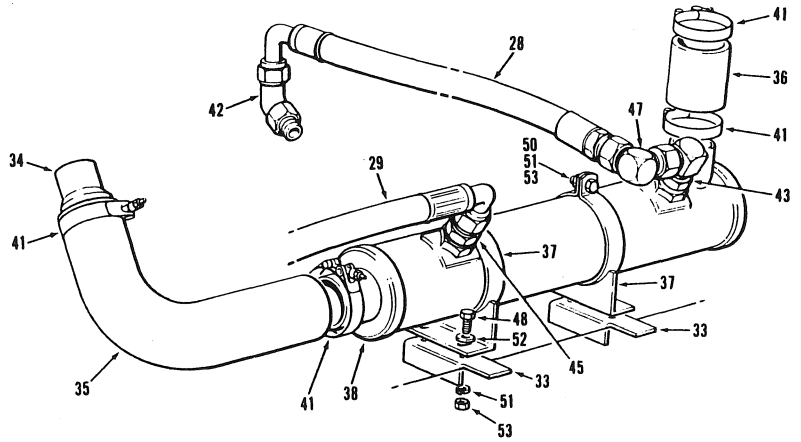
700 SERIES
SERIE 700

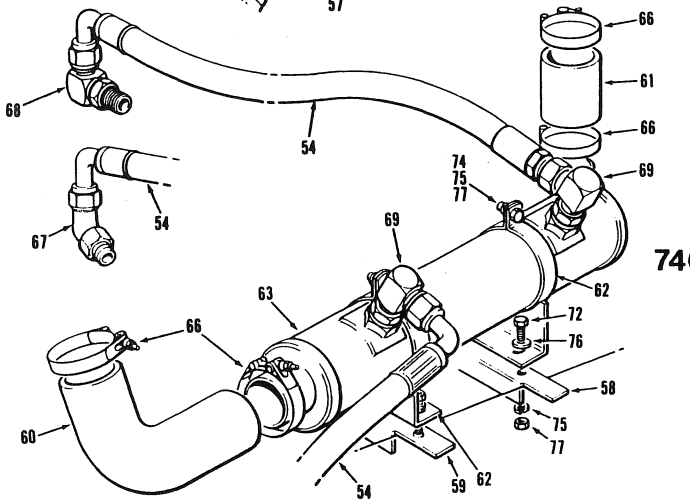
SECTION 6 PAGE 17
SECCION PAGINA



710/710A







740 thru 780A

720 thru 730A

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OIL COOLER INSTALLATION - OPTIONAL (TROPICAL PROTECTION PACKAGE)

MAY 1988

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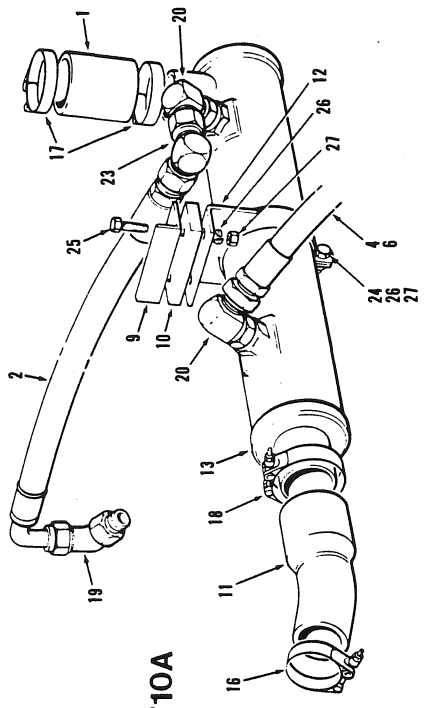
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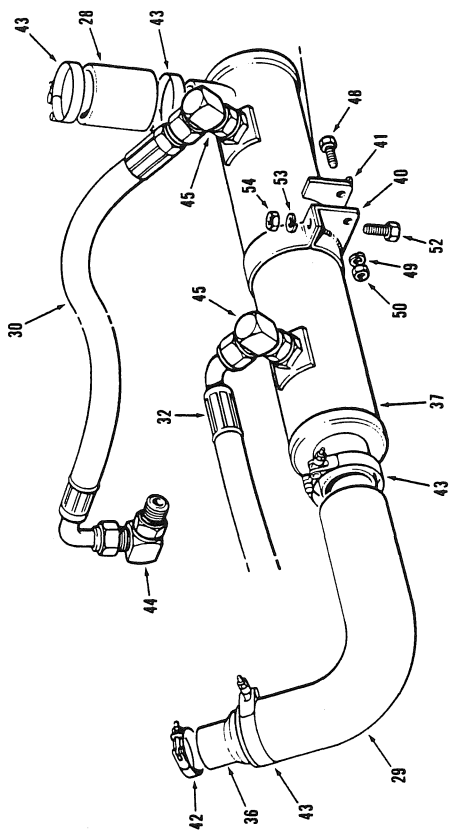
OIL COOLER INSTALLATION - OPTIONAL (TROPICAL PROTECTION PACKAGE)

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		OIL COOLER INSTALLATION		710,710A
1	19865 X 4	HOSE	1	
2	*40308 X 18	HOSE	1	
3	40308 X 52	HOSE	1	710
4	40308 X 95	HOSE	1	710A
5	*40309 X 85	HOSE	1	
6	40402	CONNECTOR	1	
7	41647 X 16	HOSE WRAP	1	710A
8	42864	MOUNTING BRACKET	1	REPAIR PART
9	43017	PAD	1	
10	45210	HOSE	1	
11	*46836	CLAMP	1	
12	*46970	OIL COOLER	1	
13	*49076	ELEMENT	1	
14	*49077	FILTER ASSEMBLY - C/W ITEM 13	1	
15	22A-256	CLAMP	1	
16	*22A-282	CLAMP	2	
17	22A-294	CLAMP	1	
18	111A-1612	CONNECTOR	1	
19	111B-1616	CONNECTOR	2	
20	111B-1620	CONNECTOR	1	
21	111H-08	PLUG	1	
22	112B-16	CONNECTOR	1	
23	50A-0607	BOLT	4	
24	*50A-0608	BOLT	1	
25	50A-0610	BOLT	2	
26	14A-06	LOCKWASHER	7	
27	30A-06	NUT	3	
		OIL COOLER INSTALLATION		720 THRU 730A
28	40308 X 20	HOSE	1	
29	40308 X 83	HOSE	1	
30	40308 X 95	HOSE	1	
31	40402	CONNECTOR	1	
32	41647 X 16	HOSE WRAP	1	720A, 730A
33	44784	BRACKET	2	REPAIR PART
34	44815	ADAPTER	1	
35	44816	HOSE	1	
36	44854	HOSE	1	
37	*46836	CLAMP	2	
38	*46970	OIL COOLER	1	
39	*49076	ELEMENT	1	
40	*49077	FILTER ASSEMBLY - C/W ITEM 39	1	
41	22A-294	CLAMP	4	
42	111A-1612	CONNECTOR	1	
43	111B-1616	CONNECTOR	1	
44	111B-1620	CONNECTOR	1	
45	111E-1616	CONNECTOR	1	
46	111H-08	PLUG	1	
47	*112B-16	CONNECTOR	1	
48	50A-0606	BOLT	4	
49	50A-0607	BOLT	4	
50	*50A-0608	BOLT	2	
51	14A-06	LOCKWASHER	10	
52	14C-06	FLATWSHER	4	
53	30A-06	NUT	6	
		OIL COOLER INSTALLATION		740 THRU 780A
54	*40308 X 83	HOSE	2	
55	40308 X 95	HOSE	1	
56	40402	CONNECTOR	1	
57	41647 X 16	HOSE WRAP	1	740A
58	44781	BRACKET - REAR	1	REPAIR PART
59	44782	BRACKET - FRONT	1	REPAIR PART
60	44852	HOSE	1	
61	44853	HOSE	1	
62	*46836	CLAMP	2	
63	*46970	OIL COOLER	1	
64	*49076	ELEMENT	1	
65	*49077	FILTER ASSEMBLY - C/W ITEM 64	1	
66	22A-294	CLAMP	4	
67	*111A-1612	CONNECTOR	1	ARTIC RIGID
68	111B-1612	CONNECTOR	1	
69	111B-1616	CONNECTOR	2	
70	111B-1620	CONNECTOR	1	
71	111H-08	PLUG	1	
72	50A-0606	BOLT	4	
73	50A-0607	BOLT	4	
74	*50A-0608	BOLT	2	
75	14A-06	LOCKWASHER	10	
76	14C-06	FLATWASHER	4	
77	30A-06	NUT	6	

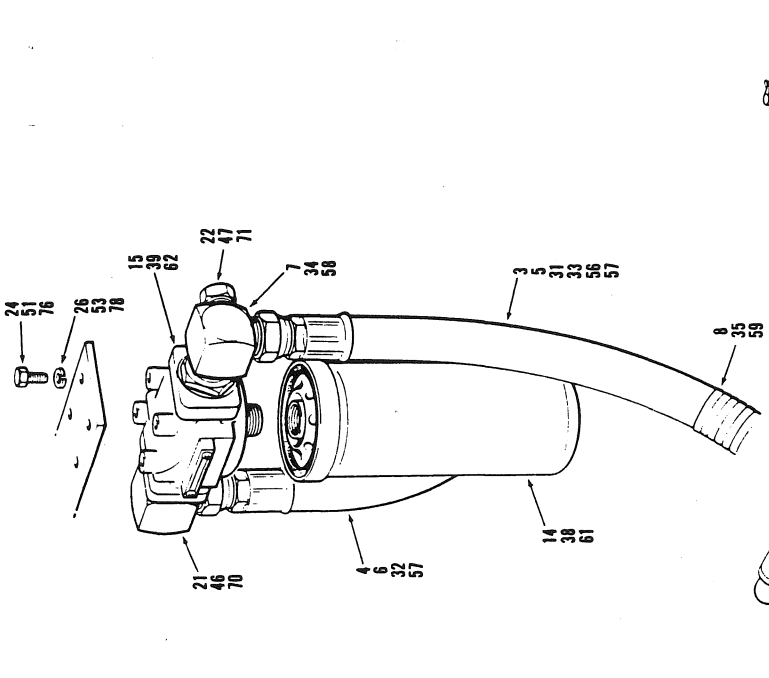
CHAMPION ROAD MACHINERY

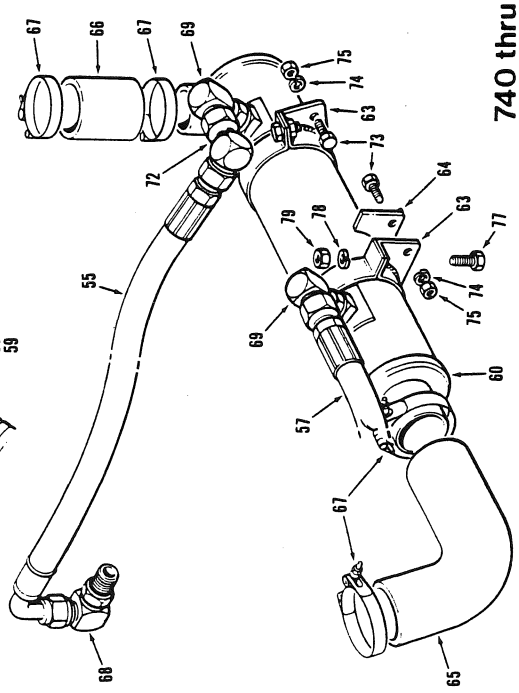


710/710A



720 thru 730A





740 thru 780A

OIL COOLER INSTALLATION

JANUARY 1990

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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

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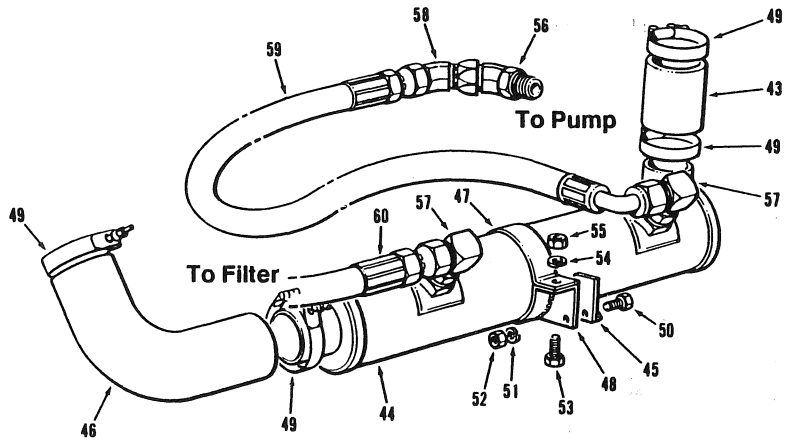
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NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

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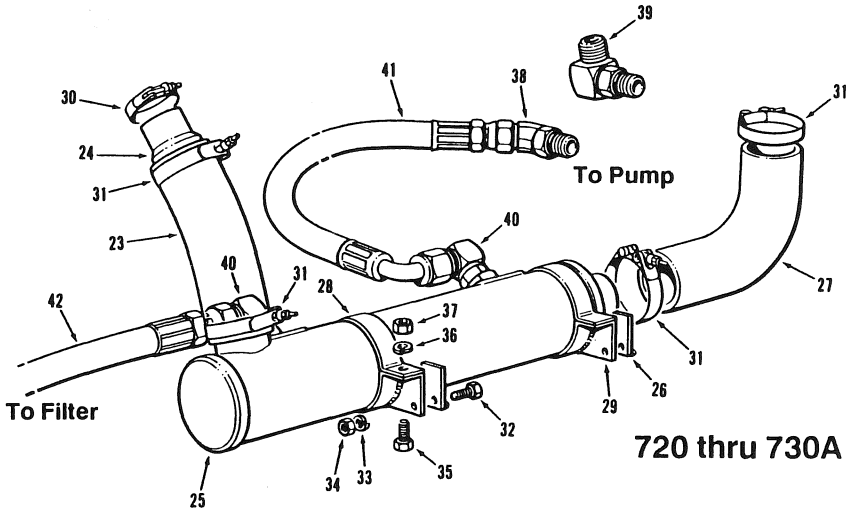
700 SERIES
SERIE 700

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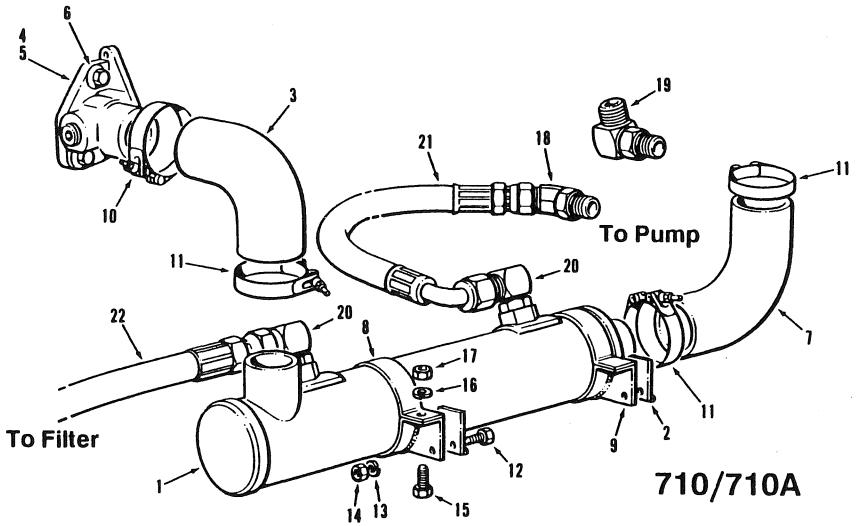
No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		OIL COOLER INSTALLATION - 6BT5.9 ENGINE		710/710A
1	19865 x 4	HOSE	1	
2	40308 x 18	HOSE	1	
3	40308 x 52	HOSE	1	710
4	*40308 x 85	HOSE	1	710A
5	*40308 x 95	HOSE	1	
6	*40309 x 85	HOSE	1	710
7	40402	CONNECTOR	1	
8	41647 x 16	HOSE WRAP	1	710A
9	42864	MOUNTING BRACKET	1	REPAIR PART
10	43017	PAD	1	
11	45210	HOSE	1	
12	46836	CLAMP	1	
13	46970	OIL COOLER	1	
14	49076	FILTER ELEMENT	1	
15	49077	FILTER ASSEMBLY - C/W ITEM 14	1	
16	22A-256	CLAMP	1	
17	22A-282	CLAMP	2	
18	22A-294	CLAMP	1	
19	111A-1612	CONNECTOR	1	
20	111B-1616	CONNECTOR	2	
21	111B-1620	CONNECTOR	1	
22	111H-08	PLUG	1	
23	112B-16	CONNECTOR	1	
24	50A-0608	BOLT	5	
25	50A-0610	BOLT	2	
26	14A-06	LOCKWASHER	7	
27	30A-06	NUT	3	
		OIL COOLER INSTALLATION - 6CT8.3 ENGINE		720 thru 730A
28	19865 x 4	HOSE	1	
29	19865 x 18	HOSE	1	
30	40308 x 20	HOSE	1	
31	40308 x 49	HOSE	1	720 & 730
32	40308 x 85	HOSE	1	
33	40308 x 95	HOSE	1	720A & 730A
34	40402	CONNECTOR	1	
35	41647 x16	HOSE WRAP	1	720A & 730A
36	44815	ADAPTER	1	
37	46970	OIL COOLER	1	
36	49076	FILTER ELEMENT	1	
39	49077	FILTER ASSEMBLY - C/W ITEM 38	1	
40	51566	CLAMP	1	
41	51568	BRACKET	1	REPAIR PART
42	22A-238	CLAMP	1	
43	22A-294	CLAMP	3	
44	111B-1612	CONNECTOR	1	
45	111B-1616	CONNECTOR	2	
46	111B-1620	CONNECTOR	1	
47	111H-08	PLUG	1	
48	50A-0408	BOLT	1	
49	14A-04	LOCKWASHER	1	
50	30A-04	NUT	1	
51	50A-0608	BOLT	4	
52	50A-0610	BOLT	1	
53	14A-06	LOCKWASHER	5	
54	30A-06	NUT	1	
		OIL COOLER INSTALLATION - LT-10 ENGINE		740 thru 780A
55	40308 x 18	HOSE	1	
56	40308 x 49	HOSE	1	740 thru 780
57	40308 x 95	HOSE - used on models 740, 750 & 780	1	
	40308 x 95	- for models 740A, 750A & 780A	2	
58	40402	CONNECTOR	1	
59	41647 x 16	HOSE WRAP	1	740A thru 780A
60	46970	OIL COOLER	1	
61	49076	FILTER ELEMENT	1	
62	49077	FILTER ASSEMBLY - C/W ITEM 61	1	
63	*51566	CLAMP	2	
64	*51568	BRACKET	1	REPAIR PART
65	*53692	HOSE	1	
66	*53693	HOSE	1	
67	*22A-294	CLAMP	4	
68	111B-1612	CONNECTOR	1	
69	111B-1616	CONNECTOR	2	
70	111B-1620	CONNECTOR	1	
71	111H-08	PLUG	1	
72	112B-16	CONNECTOR	1	
73	50A-0408	BOLT	2	
74	14A-04	LOCKWASHER	2	
75	30A-04	NUT	2	
76	50A-0608	BOLT	4	
77	50A-0610	BOLT	2	
78	14A-06	LOCKWASHER	6	
79	30A-06	NUT	2	



740 thru 780A



720 thru 730A



710/710A

ISSUE No.
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Nº DE EDICION 3

OIL COOLER INSTALLATION

JANUARY 1990

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OIL COOLER INSTALLATION

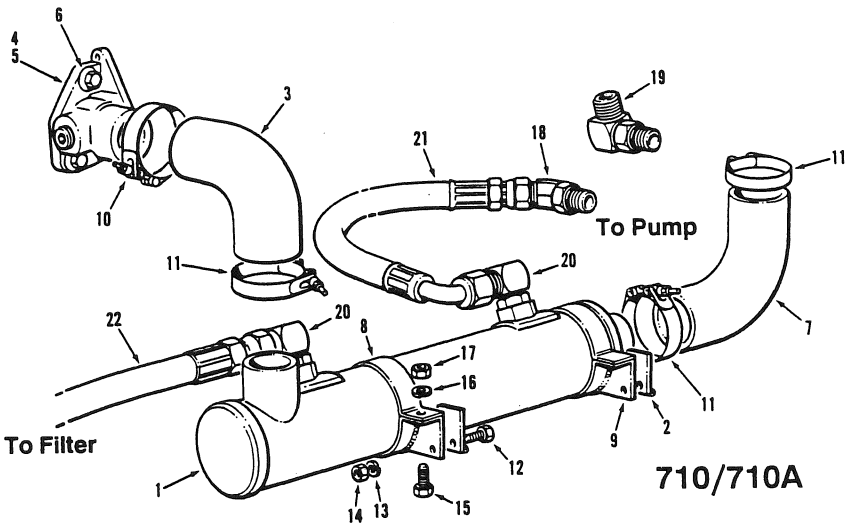
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		OIL COOLER INSTALLATION - 6BT5.9 ENGINE		710/710A
1	46970	OIL COOLER	1	
2	*51568	BRACKET	2	REPAIR PART
3	*52808	HOSE	1	
4	*52813	CONNECTOR	1	
5	*52814	SEAL RING	1	
6	*52815	BOLT	3	
7	*52910	HOSE	1	
8	*54690	CLAMP	2	
9	*54691	CLAMP	2	
10	*22A-256	CLAMP	1	
11	22A-282	CLAMP	3	
12	50A-0408	BOLT	2	
13	14A-04	LOCKWASHER	2	
14	30A-04	NUT	2	
15	50A-0610	BOLT	4	
16	14A-06	LOCKWASHER	4	
17	30A-06	NUT	4	
18	111A1612	CONNECTOR	1	
19	111B-1612	CONNECTOR	1	A.W.D.
20	111B-1616	CONNECTOR	2	
21	40308 x 34	HOSE	1	
22	40309 x 77	HOSE	1	
		OIL COOLER INSTALLATION - 6CT8.3 ENGINE		720 thru 730A
23	*19865 x 8	HOSE	1	
24	44815	ADAPTER	1	
25	46970	OIL COOLER	1	
26	51568	BRACKET	2	REPAIR PART
27	*52799	HOSE	1	
28	*54690	CLAMP	2	
29	*54691	CLAMP	2	
30	22A-238	CLAMP	1	
31	22A-294	CLAMP	4	
32	50A-0408	BOLT	2	
33	14A-04	LOCKWASHER	2	
34	30A-04	NUT	2	
35	50A-0610	BOLT	4	
36	14A-06	LOCKWASHER	4	
37	30A-06	NUT	4	
38	111A-1612	CONNECTOR	1	
39	111B-1612	CONNECTOR	1	A.W.D.
40	111B-1616	CONNECTOR	2	
41	40308 x 34	HOSE	1	
42	40309 x 77	HOSE	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		OIL COOLER INSTALLATION - LT-10 ENGINE		740 thru 780A
43	*19865 x 3.5	HOSE	1	
44	46970	OIL COOLER	1	
45	51568	BRACKET	1	REPAIR PART
46	*52799	HOSE	1	
47	*54690	CLAMP	1	
48	*54691	CLAMP	1	
49	22A-294	CLAMP	4	
50	50A-0408	BOLT	1	
51	14A-04	LOCKWASHER	1	
52	30A-04	NUT	1	
53	50A-0610	BOLT	2	
54	14A-06	LOCKWASHER	2	
55	30A-06	NUT	2	
56	111A-1612	CONNECTOR	1	
57	111B-1616	CONNECTOR	2	
58	112A-16	CONNECTOR	1	
59	40308 x 34	HOSE	1	
60	40309 x 85	HOSE	1	

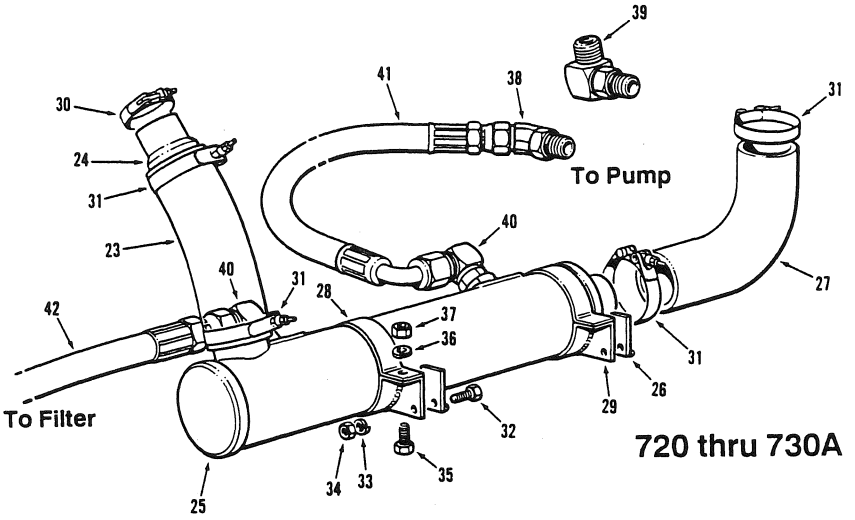
OIL COOLER INSTALLATION

FOR LIST OF PARTS - TURN THIS PAGE
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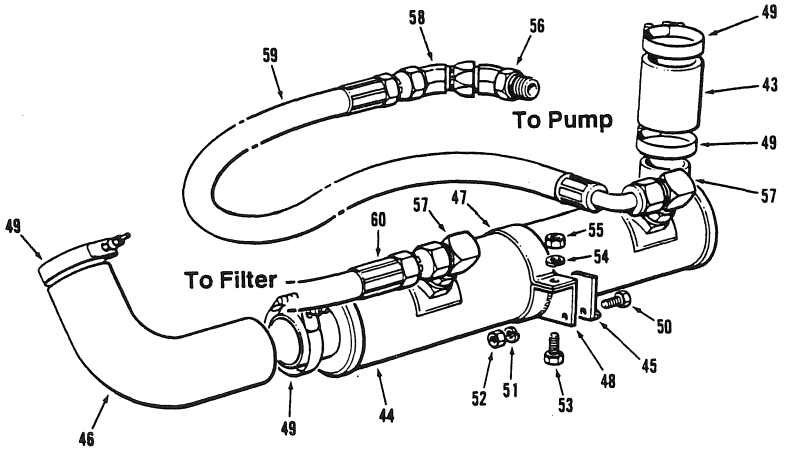
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710/710A



720 thru 730A



740 thru 780A

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

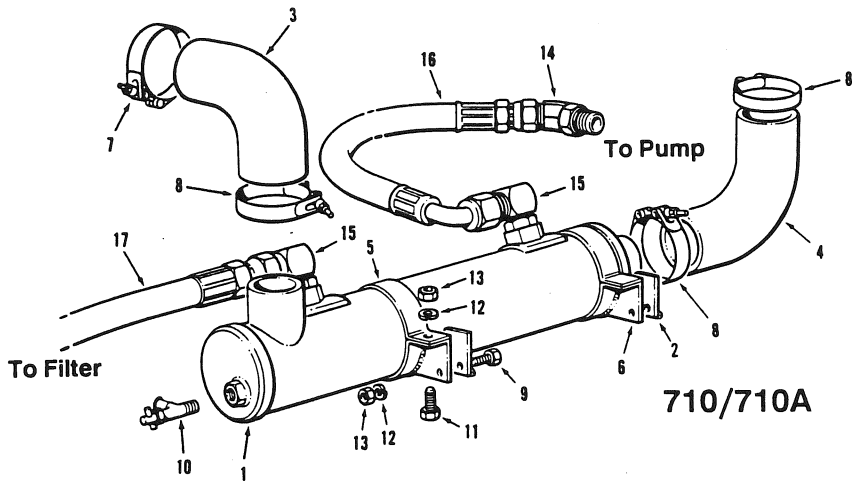
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EXCLUDING 20731

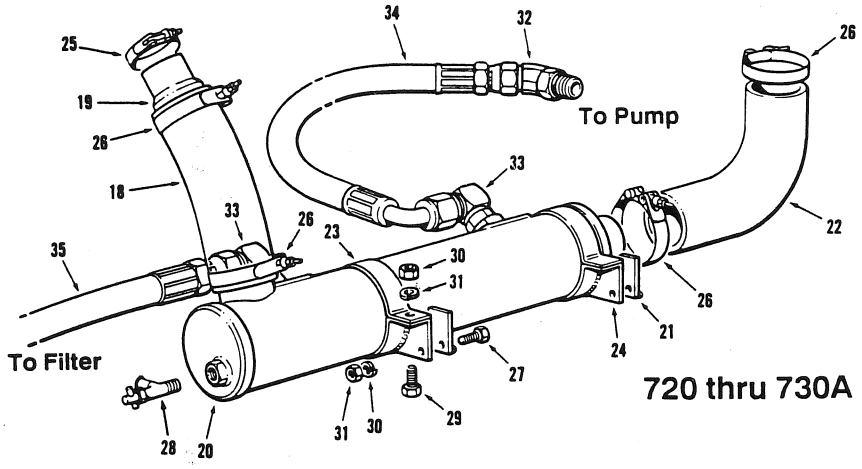
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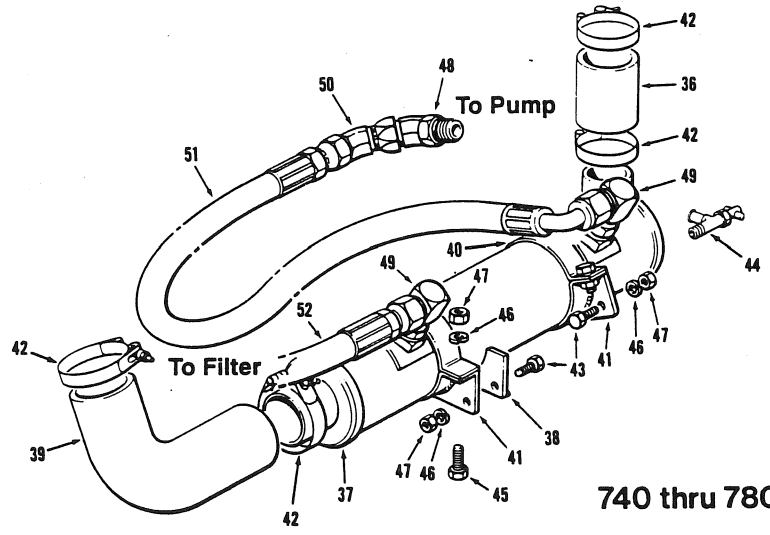
OIL COOLER INSTALLATION

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		OIL COOLER INSTALLATION - 6BT5.9 ENGINE		710/710A
1	46970	OIL COOLER	1	
2	51568	BRACKET	2	REPAIR PART
3	52808	HOSE	1	
4	52813	CONNECTOR	1	
5	52814	SEAL RING	1	
6	52815	BOLT	3	
7	52910	HOSE	1	
8	54690	CLAMP	2	
9	54691	CLAMP	2	
10	22A-256	CLAMP	1	
11	22A-282	CLAMP	3	
12	50A-0408	BOLT	2	
13	14A-04	LOCKWASHER	2	
14	30A-04	NUT	2	
15	50A-0610	BOLT	4	
16	14A-06	LOCKWASHER	4	
17	30A-06	NUT	4	
18	*111A1616	CONNECTOR	1	
19	*111B-1616	CONNECTOR	1	A.W.D.
20	111B-1616	CONNECTOR	2	
21	40308 x 34	HOSE	1	
22	40309 x 77	HOSE	1	
		OIL COOLER INSTALLATION - 6CT8.3 ENGINE		720 thru 730A
23	*57013	HOSE	1	
24	44815	ADAPTER	1	
25	46970	OIL COOLER	1	
26	51568	BRACKET	2	REPAIR PART
27	52799	HOSE	1	
28	54690	CLAMP	2	
29	54691	CLAMP	2	
30	22A-238	CLAMP	1	
31	*22A-282	CLAMP	4	
32	50A-0408	BOLT	2	
33	14A-04	LOCKWASHER	2	
34	30A-04	NUT	2	
35	50A-0610	BOLT	4	
36	14A-06	LOCKWASHER	4	
37	30A-06	NUT	4	
38	*111A-1616	CONNECTOR	1	
39	*111B-1616	CONNECTOR	1	A.W.D.
40	111B-1616	CONNECTOR	2	
41	40308 x 34	HOSE	1	
42	40309 x 77	HOSE	1	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		OIL COOLER INSTALLATION - LT-10 ENGINE		740 thru 780A
43	*57012	HOSE	1	
44	46970	OIL COOLER	1	
45	51568	BRACKET	1	REPAIR PART
46	*56048	HOSE	1	
47	54690	CLAMP	1	
48	54691	CLAMP	1	
49	*22A-282	CLAMP	4	
50	50A-0408	BOLT	1	
51	14A-04	LOCKWASHER	1	
52	30A-04	NUT	1	
53	50A-0610	BOLT	2	
54	14A-06	LOCKWASHER	2	
55	30A-06	NUT	2	
56	*111A-1616	CONNECTOR	1	
57	111B-1616	CONNECTOR	2	
58	112A-16	CONNECTOR	1	
59	40308 x 34	HOSE	1	
60	40309 x 85	HOSE	1	


To Pump
To Filter
710/710A


To Pump
To Filter
720 thru 730A


To Pump
To Filter
740 thru 780A

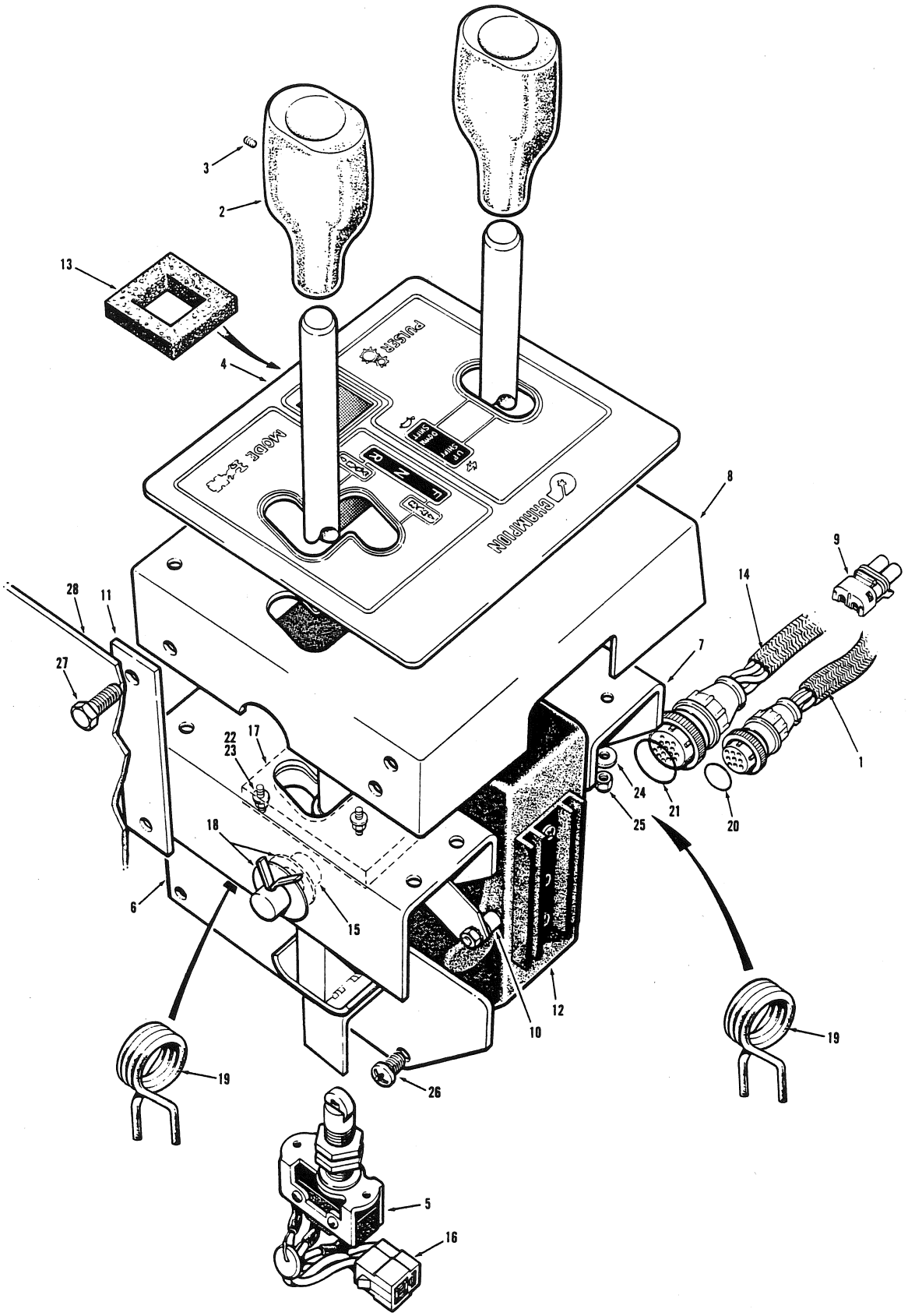
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OIL COOLER INSTALLATION

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		OIL COOLER INSTALLATION - 6BT5.9 ENGINE		710/710A
1	*57983	OIL COOLER	1	
2	51568	BRACKET	2	Repair Part
3	52808	HOSE	1	
4	52910	HOSE	1	
5	54690	CLAMP	2	
6	54691	CLAMP	2	
7	22A-256	CLAMP	1	
8	22A-282	CLAMP	3	
9	*50A-0606	BOLT	2	
10	*65134	DRAIN COCK	1	
11	*50A-0608	BOLT	4	
12	14A-06	LOCKWASHER	6	
13	30A-06	NUT	6	
14	111A-1616	CONNECTOR	1	
15	111B-1616	CONNECTOR	2	
16	40308 x 34	HOSE	1	
17	40309 x 77	HOSE	1	
		OIL COOLER INSTALLATION - 6CT8.3 ENGINE		720 thru 730A
18	57013	HOSE	1	
19	44815	ADAPTER	1	
20	*57983	OIL COOLER	1	
21	51568	BRACKET	2	Repair Part
22	52799	HOSE	1	
23	54690	CLAMP	2	
24	54691	CLAMP	2	
25	22A-238	CLAMP	1	
26	22A-282	CLAMP	4	
27	*50A-0606	BOLT	2	
28	*65134	DRAIN COCK	1	
29	*50A-0608	BOLT	4	
30	14A-06	LOCKWASHER	6	
31	30A-06	NUT	6	
32	111A-1616	CONNECTOR	1	
33	111B-1616	CONNECTOR	2	
34	40308 x 34	HOSE	1	
35	40309 x 77	HOSE	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		OIL COOLER INSTALLATION - LT-10 ENGINE		740 thru 780A
36	57012	HOSE	1	
37	*57983	OIL COOLER	1	
38	51568	BRACKET	2	Repair Part
39	*56048	HOSE	1	
40	54690	CLAMP	2	
41	54691	CLAMP	2	
42	22A-282	CLAMP	4	
43	*50A-0406	BOLT	2	
44	*65134	DRAIN COCK	1	
45	*50A-0608	BOLT	4	
46	14A-06	LOCKWASHER	6	
47	30A-06	NUT	6	
48	111A-1616	CONNECTOR	1	
49	111B-1616	CONNECTOR	2	
50	112A-16	CONNECTOR	1	
51	40308 x 34	HOSE	1	
52	40309 x 85	HOSE	1	

CHAMPION ROAD MACHINERY



TRANSMISSION CONTROLS ASSEMBLY - 24 VOLT

APRIL 1989

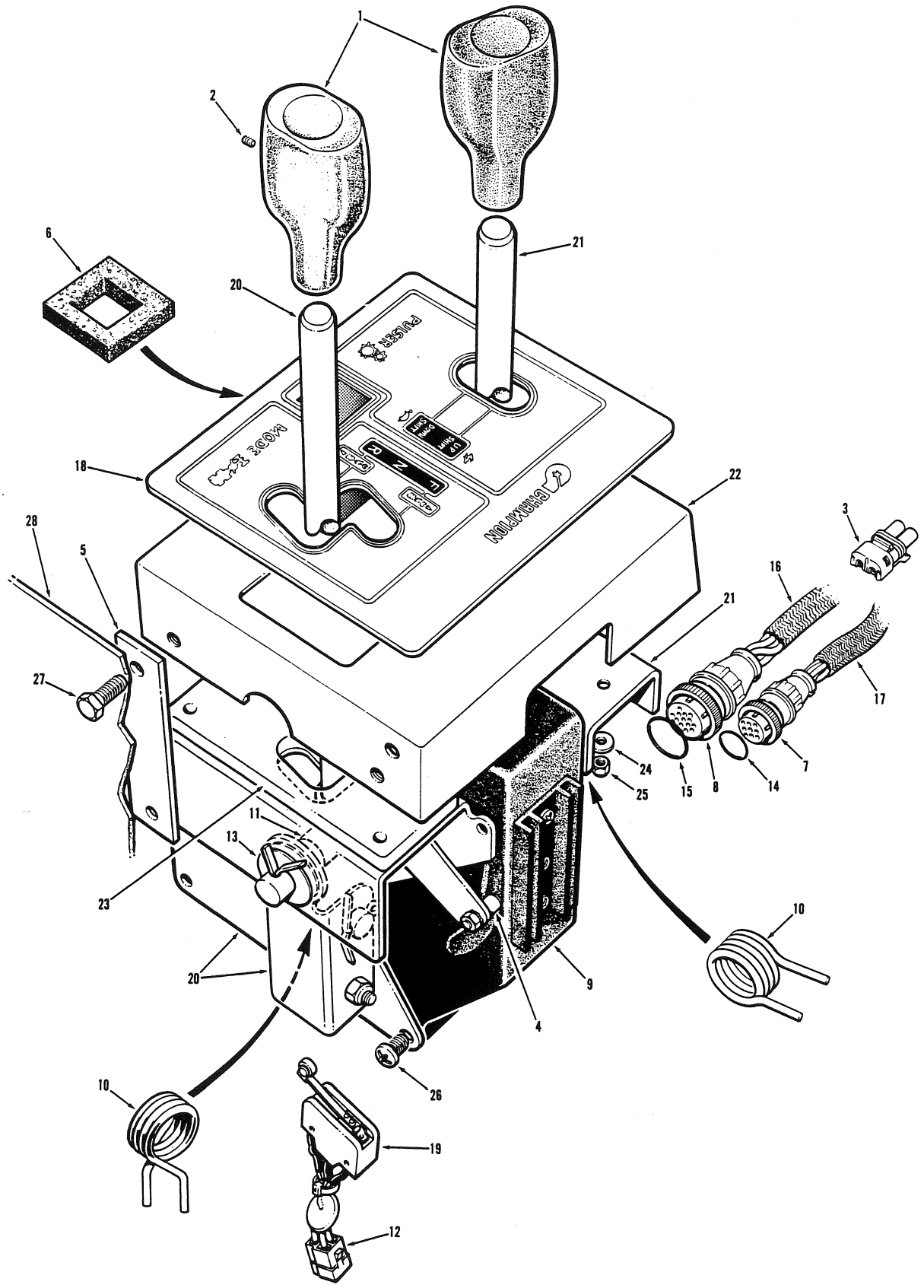
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No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	*42875	TRANSMISSION CONTROLS ASSY. - INCLUDES ITEMS 2 TO 13, 15 TO 19 & 22 TO 27	1	
1	29756	WIRING HARNESS - TRANSMISSION	1	
2	36956	KNOB	2	
3	36957	SET SCREW	2	
4	36958	DECAL	1	
5	36959	SWITCH	1	
6	36960	MODE LEVER	1	
7	36961	PULSER LEVER	1	
8	36963	MOUNTING PLATE	1	
9	36966	CONNECTOR	6	
10	36967	MAGNET	2	
11	37045	BRACKET	2	
12	*37631	ELECTRONIC CONTROLLER	1	
13	37377	GASKET	1	
14	37601	WIRING HARNESS - MAIN SUPPLY	1	
15	41861	BUSHING	4	
16	41933	VARISTOR ASSEMBLY	1	
17	41947	WEAR PLATE	1	
18	43856	CURVED SPRING	7	
19	44222	SPRING	2	
20	44378	SEAL	1	
21	44379	SEAL	1	
22	14G-06	FLATWASHER	6	
23	34B-06	LOCKNUT	6	
24	14G-10	FLATWASHER	6	
25	35B-10	LOCKNUT	6	
26	61F-1006	SCREW	4	
27	50A-0404	BOLT	4	
28		INSTRUMENT BOX	REF.	SECTION 10 PAGES 1/2



CHAMPION ROAD MACHINERY

TRANSMISSION CONTROLS ASSEMBLY - 24 VOLT

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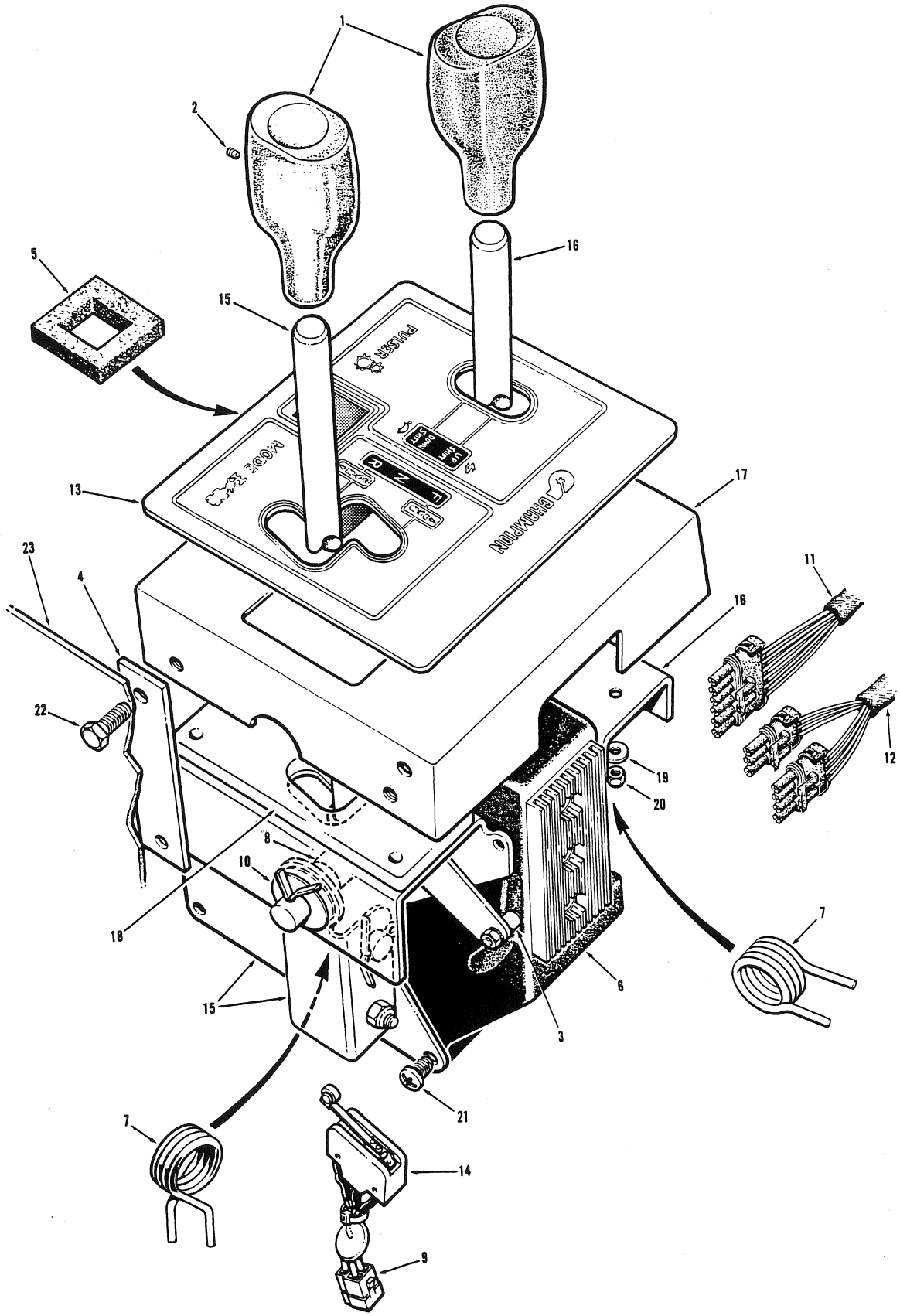
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TRANSMISSION CONTROLS ASSEMBLY - 24 VOLT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	*56346	TRANSMISSION CONTROLS ASSEMBLY - INCLUDES ITEMS 1 TO 6, 9 TO 13 & 18 TO 27	1	
1	36956	KNOB	2	
2	36957	SET SCREW	2	
3	36966	CONNECTOR	6	
4	36967	MAGNET	2	
5	37045	BRACKET	2	
6	37377	GASKET	1	
7	37907	SMALL LOCK RING	1	
8	37908	LARGE LOCK RING	1	
9	*37631	ELECTRONIC CONTROLLER	1	
10	38290	SPRING	2	
11	41861	BUSHING	4	
12	41933	VARISTOR ASSEMBLY	1	
13	43856	CURVED SPRING	5	
14	44378	SEAL	1	
15	44379	SEAL	1	
16	*46859	WIRING HARNESS - MAIN SUPPLY	1	
17	54258	WIRING HARNESS - TRANSMISSION	1	
18	55315	DECAL	1	
19	55316	SWITCH	1	
20	55317	MODE LEVER ASSEMBLY - INCLUDES ITEMS 10 to 13 & 19	1	
21	55318	PULSER LEVER ASSEMBLY - INCLUDES ITEMS 10, 11 & 13	1	
22	55319	MOUNTING PLATE	1	
23	55320	WEAR PLATE	1	
24	14G-10	FLATWASHER	6	
25	35B-10	LOCKNUT	8	
26	61F-1006	SCREW	4	
27	50A-0404	BOLT	4	
28		INSTRUMENT BOX	REF.	SECTION 10 PAGE 2

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS

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TRANSMISSION CONTROLS ASSEMBLY - 24 VOLT

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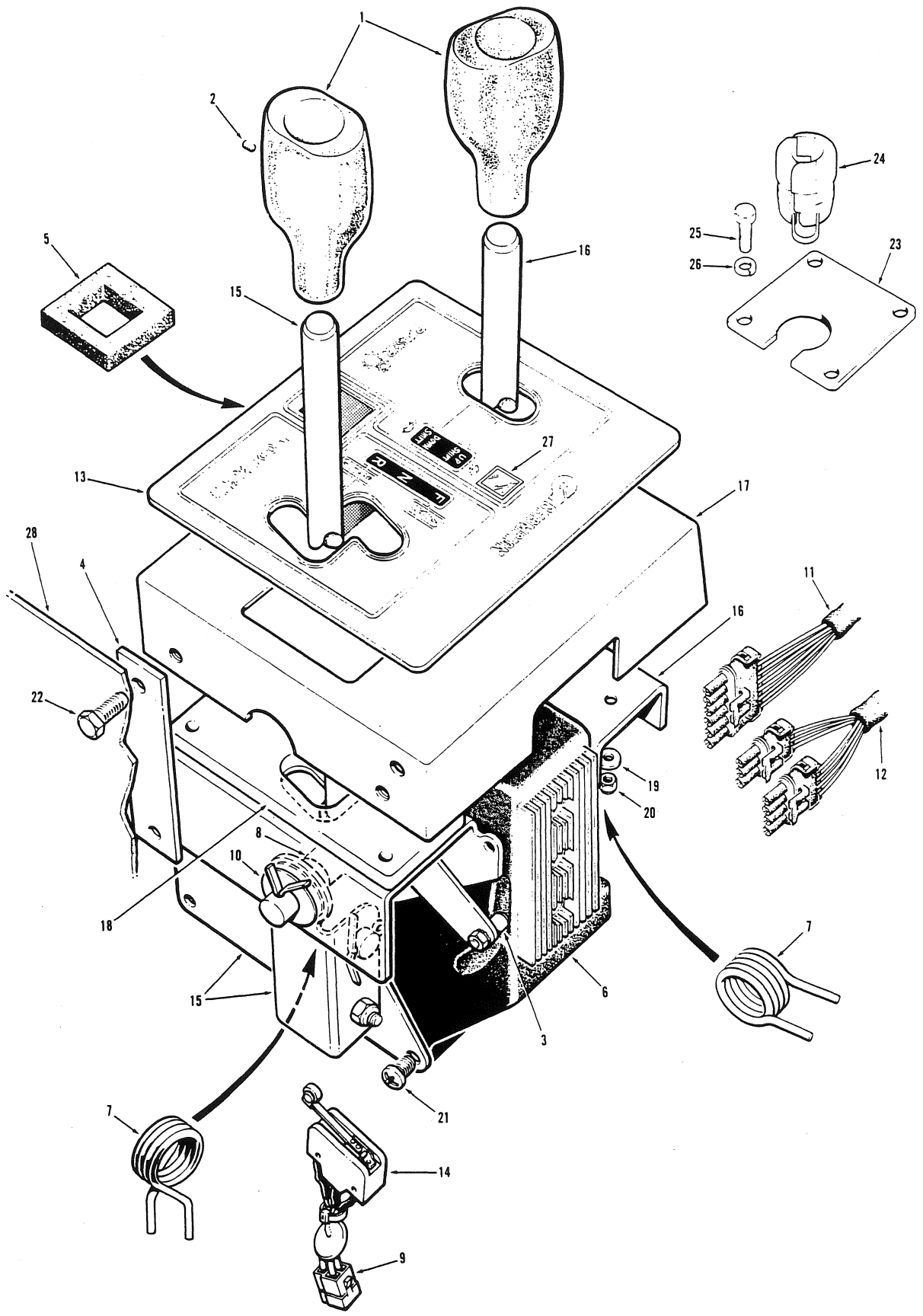
20732 & UP

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TRANSMISSION CONTROLS ASSEMBLY - 24 VOLT

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	*56595	**TRANSMISSION CONTROLS ASSEMBLY - INCLUDES ITEMS 1 to 10 & 13 to 22**	1	
1	36956	KNOB	2	
2	36957	SET SCREW	2	
3	36967	MAGNET	2	
4	37045	BRACKET	2	
5	37377	GASKET	1	
6	*58038	ELECTRONIC CONTROLLER	1	
7	38290	SPRING	2	
8	41861	BUSHING	4	
9	41933	VARISTOR ASSEMBLY	1	
10	43856	CURVED SPRING	5	
11	*56596	WIRING HARNESS - MAIN SUPPLY	1	
12	*56209	WIRING HARNESS - TRANSMISSION	1	
13	55315	DECAL	1	
14	55316	SWITCH	1	
15	55317	**MODE LEVER ASSEMBLY** - INCLUDES ITEMS 7 to 10 & 14	1	
16	55318	**PULSER LEVER ASSEMBLY** - INCLUDES ITEMS 7, 8 & 10	1	
17	55319	MOUNTING PLATE	1	
18	55320	WEAR PLATE	1	
19	14G-10	FLATWASHER	6	
20	35B-10	LOCKNUT	8	
21	61F-1006	SCREW	4	
22	50A-0404	BOLT	4	
23		INSTRUMENT BOX	REF.	SECTION 10 PAGE 2

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS



TRANSMISSION CONTROLS ASSEMBLY - 24 VOLT

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NUMERO(S) DE SERIE EFECTIVO(S)

21134 to 21330,
EXCLUDING 21142

700 SERIES
SERIE 700

SECTION 6 PAGE 19
SECCION PAGINA

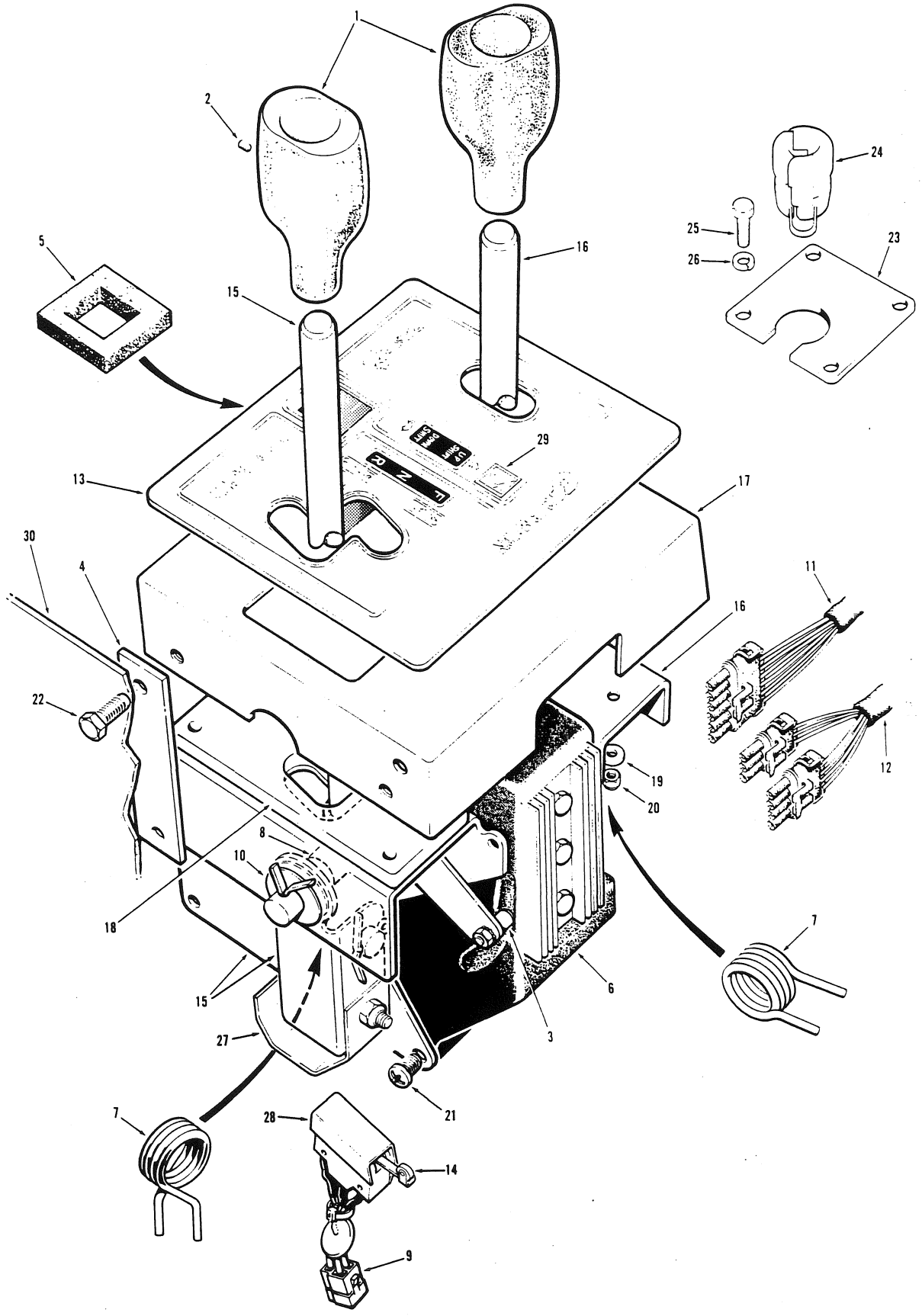
SECTION / SECCION 6 | PAGE / PAGINA 20 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 4 REVISION A

TRANSMISSION CONTROLS ASSEMBLY - 24 VOLT

JANUARY 1992

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	58448	**TRANSMISSION CONTROLS ASSEMBLY** **- INCLUDES ITEMS 1 to 10 & 13 to 22**	1	
1	36956	KNOB	2	
2	36957	SET SCREW	2	
3	36967	MAGNET	2	
4	37045	BRACKET	2	
5	37377	GASKET	1	
6	58447	ELECTRONIC CONTROLLER	1	
7	38290	SPRING	2	
8	41861	BUSHING	4	
9	41933	VARISTOR ASSEMBLY	1	
10	43856	CURVED SPRING	5	
11	56596	WIRING HARNESS - MAIN SUPPLY	1	
12	56209	WIRING HARNESS - TRANSMISSION	1	
13	55315	DECAL	1	
14	55316	SWITCH	1	
15	55317	**MODE LEVER ASSEMBLY** **- INCLUDES ITEMS 7 to 10 & 14**	1	
16	55318	**PULSER LEVER ASSEMBLY** **- INCLUDES ITEMS 7, 8 & 10**	1	
17	55319	MOUNTING PLATE	1	
18	55320	WEAR PLATE	1	
19	14G-10	FLATWASHER	6	
20	35B-10	LOCKNUT	8	
21	61F-1006	SCREW	4	
22	50A-0404	BOLT	4	
23	56692	COVER PLATE	1	
24	56704	STRAIN RELIEF COLLAR	1	
25	50A-0406	COPSCREW	4	
26	14A-04	LOCKWASHER	4	
27	*65699	BULB - MICROPROCESSOR	1	
28		INSTRUMENT BOX	REF.	Sect 10 Pg 2

CHAMPION ROAD MACHINERY



TRANSMISSION CONTROLS ASSEMBLY - 24 VOLT

JANUARY 1992

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5 REVISION A

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21331, 21335 & UP

700 SERIES
SERIE 700

SECTION 6 PAGE 19
SECCION PAGINA

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TRANSMISSION CONTROLS ASSEMBLY - 24 VOLT

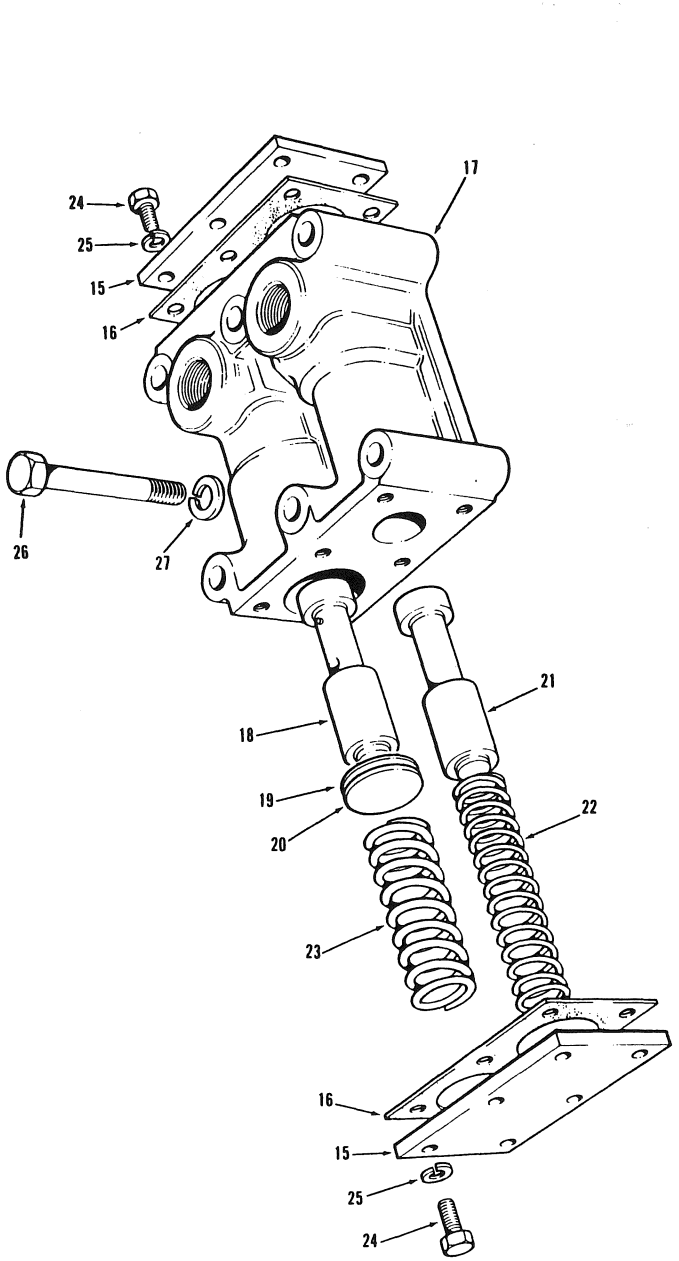
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	65204	**TRANSMISSION CONTROLS ASSEMBLY - INCLUDES ITEMS 1 to 10 & 13 to 22**	1	
1	36956	KNOB	2	
2	36957	SET SCREW	2	
3	*63045	ACTUATOR - C/W HARDWARE	2	
4	37045	BRACKET	2	
5	37377	GASKET	1	
6	65205	ELECTRONIC CONTROLLER	1	
7	38290	SPRING	2	
8	41861	BUSHING	4	
9	41933	VARISTOR ASSEMBLY	1	
10	43856	CURVED SPRING	5	
11	56596	WIRING HARNESS - MAIN SUPPLY	1	
12	58686	WIRING HARNESS - TRANSMISSION	1	
13	55315	DECAL	1	
14	55316	SWITCH	1	
15	55317	**MODE LEVER ASSEMBLY - INCLUDES ITEMS 7 to 10 & 14**	1	
16	55318	**PULSER LEVER ASSEMBLY - INCLUDES ITEMS 7, 8 & 10**	1	
17	55319	MOUNTING PLATE	1	
18	55320	WEAR PLATE	1	
19	14G-10	FLATWASHER	6	
20	35B-10	LOCKNUT	8	
21	61F-1006	SCREW	4	
22	50A-0404	BOLT	4	
23	56692	COVER PLATE	1	
24	56704	STRAIN RELIEF COLLAR	1	
25	50A-0406	COPSCREW	4	
26	14A-04	LOCKWASHER	4	
27	58977	NEUTRAL SWITCH ACTIVATOR	1	
28	58788	COVER	1	
29	*65699	BULB - MICROPROCESSOR	1	
30		INSTRUMENT BOX	REF.	Sect 10 Pg 2

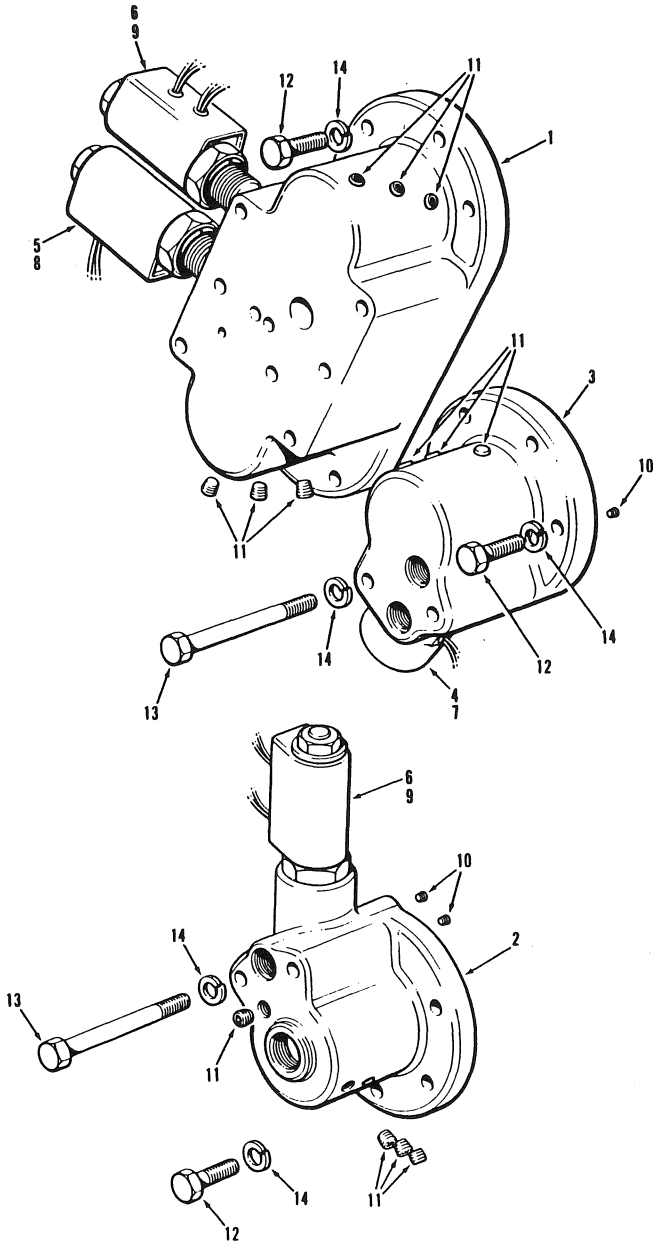
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EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
17882 to 20492

700 SERIES
SERIE 700

SECTION 6 PAGE 21
SECCION 6 PAGINA 21





ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION B

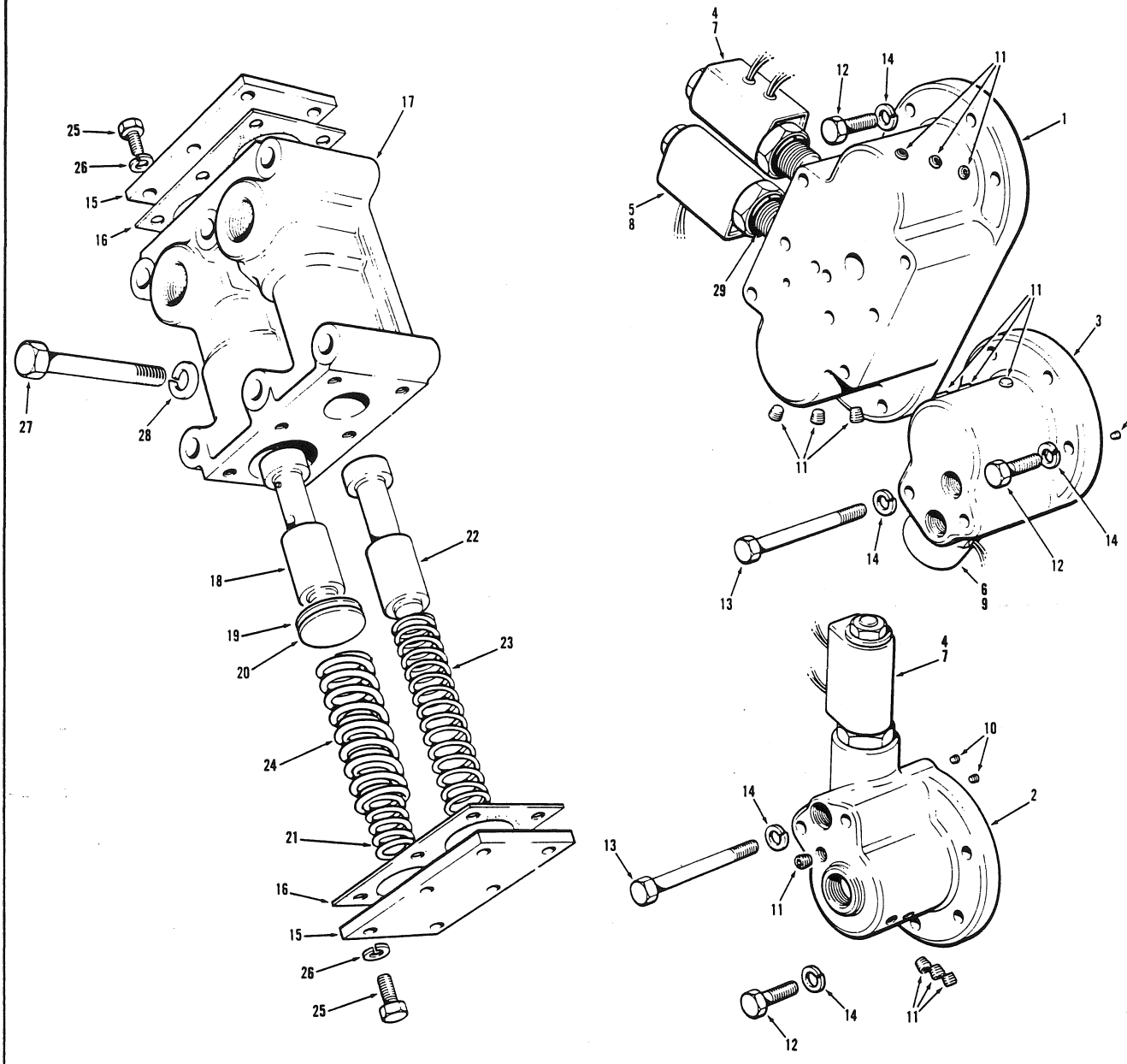
CONTROL VALVES - 24 VOLT

JANUARY 1991

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION APPROVED PARTS

No.	PART No.	DESCRIPTION	No. REQ.	REMARKS
1	37785	CAP - MAIN CONTROL VALVE	1	
2	37786	CAP - RANGE CONTROL VALVE	1	
3	37787	CAP - REVERSE CONTROL VALVE	1	
4	*44699	SOLENOID VALVE ASSY. - INCLUDES ITEM 7	1	
5	44700	SOLENOID VALVE ASSY. - INCLUDES ITEM 8	1	
6	*44701	SOLENOID VALVE ASSY. - INCLUDES ITEM 9	2	
7	*37609	COIL	1	
8	37610	COIL	1	
9	*37611	COIL	2	
10	115D-01	PLUG	3	
11	115D-02	PLUG	13	
12	50A-0610	BOLT	14	
13	50A-0632	BOLT	4	
14	14A-06	LOCKWASHER	18	
	41251	O RING KIT FOR ITEMS 4 & 5	A.R.	
	41252	O RING KIT FOR ITEM 6	A.R.	
		REGULATOR VALVE INSTALLATION		
	29862	REGULATOR VALVE ASSY. - INCLUDES ITEMS 15 TO 25	1	
15	11212	VALVE COVER	2	
16	11213	GASKET	2	
17	11214	VALVE BODY	1	
18	11215	VALVE ASSY.	1	
19	11216	SPACER - THIN	A.R.	
20	11217	SPACER - THICK	A.R.	
21	11221	LUBE VALVE	1	
22	37213	SPRING - LUBE VALVE	1	
23	41094	SPRING - MAIN VALVE	1	
24	50A-0506	BOLT	12	
25	14A-05	LOCKWASHER	12	
26	51A-0652	BOLT	6	
27	14A-06	LOCKWASHER	6	



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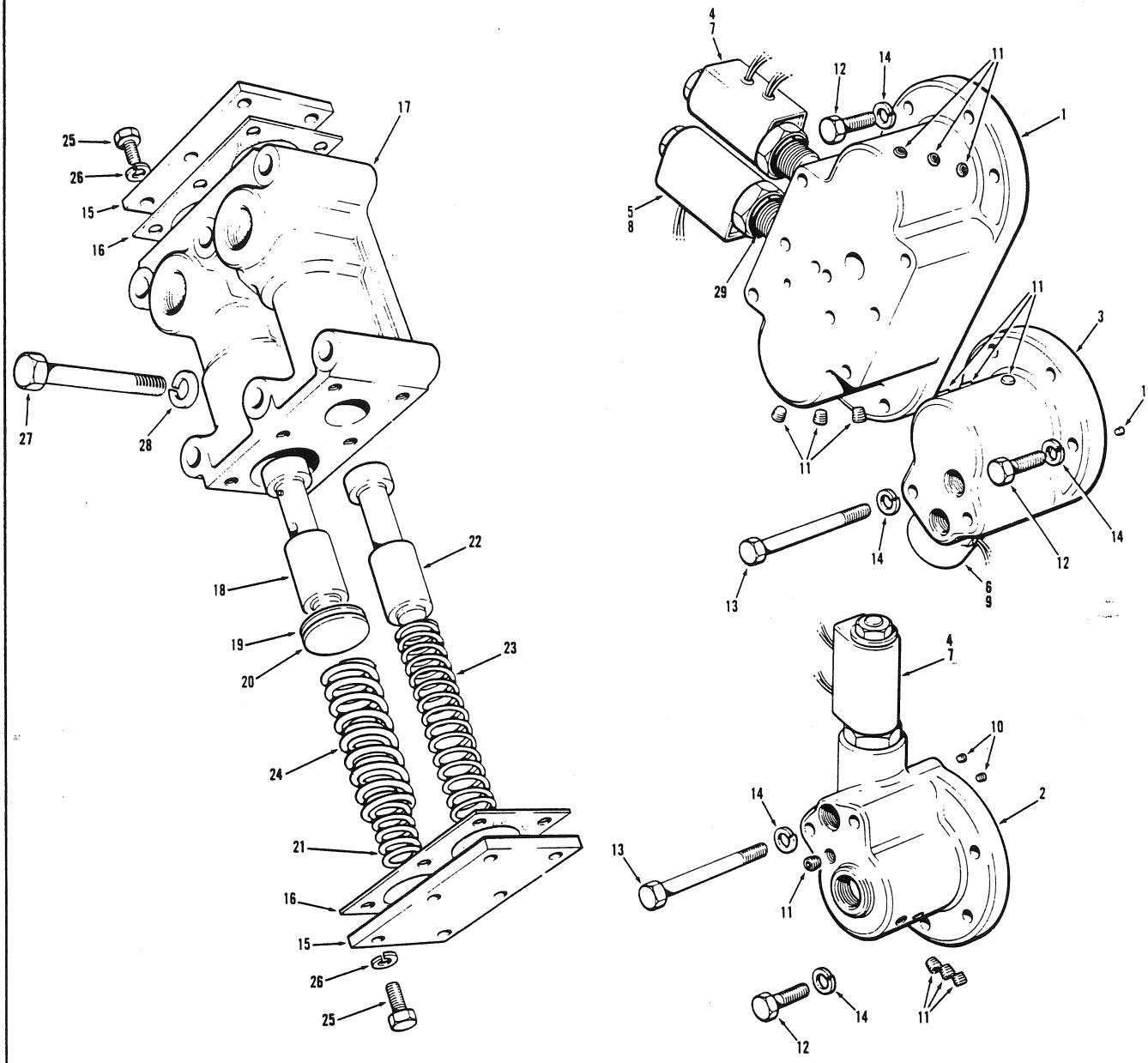
SECTION / SECCION 6 | PAGE / PAGINA 22 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 2 REVISION A

CONTROL VALVES - 24 VOLT

JUNE 1990

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	37785	CAP - MAIN CONTROL VALVE	1	
2	37786	CAP - RANGE CONTROL VALVE	1	
3	37787	CAP - REVERSE CONTROL VALVE	1	
4	44701	SOLENOID VALVE ASSEMBLY - INCLUDES ITEM 9	2	
	41252	O-RING KIT FOR 44701 - SOLENOID VALVE ASSEMBLY	1	
5	44700	SOLENOID VALVE ASSEMBLY - INCLUDES ITEM 8	1	
6	44699	SOLENOID VALVE ASSEMBLY - INCLUDES ITEM 7	1	
	41251	O-RING KIT FOR 44699 & 44700 - SOLENOID VALVE ASSEMBLIES	1	
7	37609	COIL	1	
8	37610	COIL	1	
9	*56563	COIL	2	
10	115D-01	PLUG	3	
11	115D-02	PLUG	13	
12	50A-0610	BOLT	14	
13	50A-0632	BOLT	4	
14	14A-06	LOCKWASHER	18	
		REGULATOR VALVE INSTALLATION		
	53775	REGULATOR VALVE ASSEMBLY - INCLUDES ITEMS 15 to 24	1	
	*38684	REPAIR KIT FOR 53775 - REGULATOR VALVE ASSEMBLY - INCLUDES ITEMS 16, 19, 21, 22, 23 & 24	1	
15	11212	VALVE COVER	2	
16	11213	GASKET	2	
17	11214	VALVE BODY	1	
18	11215	VALVE ASSEMBLY	1	
19	11216	SPACER - THIN	1	
20	11217	SPACER - THICK	1	
21	11218	SPRING - MAIN VALVE - INNER	1	
22	11221	LUBE VALVE	1	
23	37213	SPRING - LUBE VALVE	1	
24	41094	SPRING - MAIN VALVE - OUTER	1	
25	50A-0506	BOLT	12	
26	14A-05	LOCKWASHER	12	
27	50A-0652	BOLT	6	
28	14A-06	LOCKWASHER	6	
29	12A-123	O-RING	1 per	

CONTROL VALVES - 24 VOLT



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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

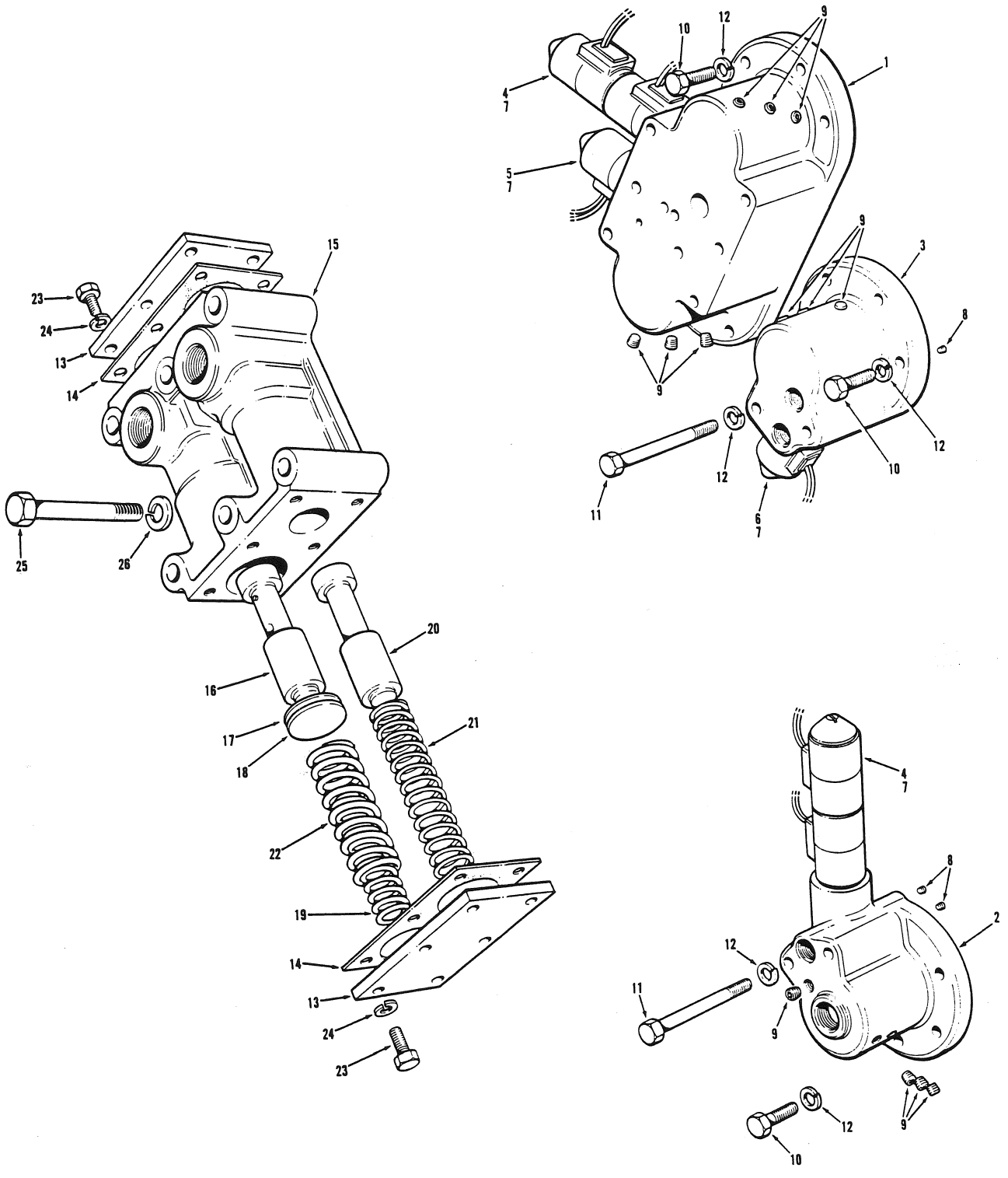
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

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CONTROL VALVES - 24 VOLT

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	37785	CAP - MAIN CONTROL VALVE	1	
2	37786	CAP - RANGE CONTROL VALVE	1	
3	37787	CAP - REVERSE CONTROL VALVE	1	
4	*56555	SOLENOID VALVE ASSEMBLY - INCLUDES ITEM 9	2	
	41252	O-RING KIT FOR 56555 - SOLENOID VALVE ASSEMBLY	1	
5	44700	SOLENOID VALVE ASSEMBLY - INCLUDES ITEM 8	1	
6	44699	SOLENOID VALVE ASSEMBLY - INCLUDES ITEM 7	1	
	41251	O-RING KIT FOR 44699 & 44700 - SOLENOID VALVE ASSEMBLIES	1	
7	37609	COIL	1	
8	37610	COIL	1	
9	56563	COIL	2	
10	115D-01	PLUG	3	
11	115D-02	PLUG	13	
12	50A-0610	BOLT	14	
13	50A-0632	BOLT	4	
14	14A-06	LOCKWASHER	18	
		REGULATOR VALVE INSTALLATION		
	53775	REGULATOR VALVE ASSEMBLY - INCLUDES ITEMS 15 to 24	1	
	38684	REPAIR KIT FOR 53775 - REGULATOR VALVE ASSEMBLY - INCLUDES ITEMS 16, 19, 21, 22, 23 & 24	1	
15	11212	VALVE COVER	2	
16	11213	GASKET	2	
17	11214	VALVE BODY	1	
18	11215	VALVE ASSEMBLY	1	
19	11216	SPACER - THIN	1	
20	11217	SPACER - THICK	1	
21	11218	SPRING - MAIN VALVE - INNER	1	
22	11221	LUBE VALVE	1	
23	37213	SPRING - LUBE VALVE	1	
24	41094	SPRING - MAIN VALVE - OUTER	1	
25	50A-0506	BOLT	12	
26	14A-05	LOCKWASHER	12	
27	50A-0652	BOLT	6	
28	14A-06	LOCKWASHER	6	
29	12A-123	O-RING	1 per	

CONTROL VALVES - 24 VOLT



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POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
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EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21450 & UP

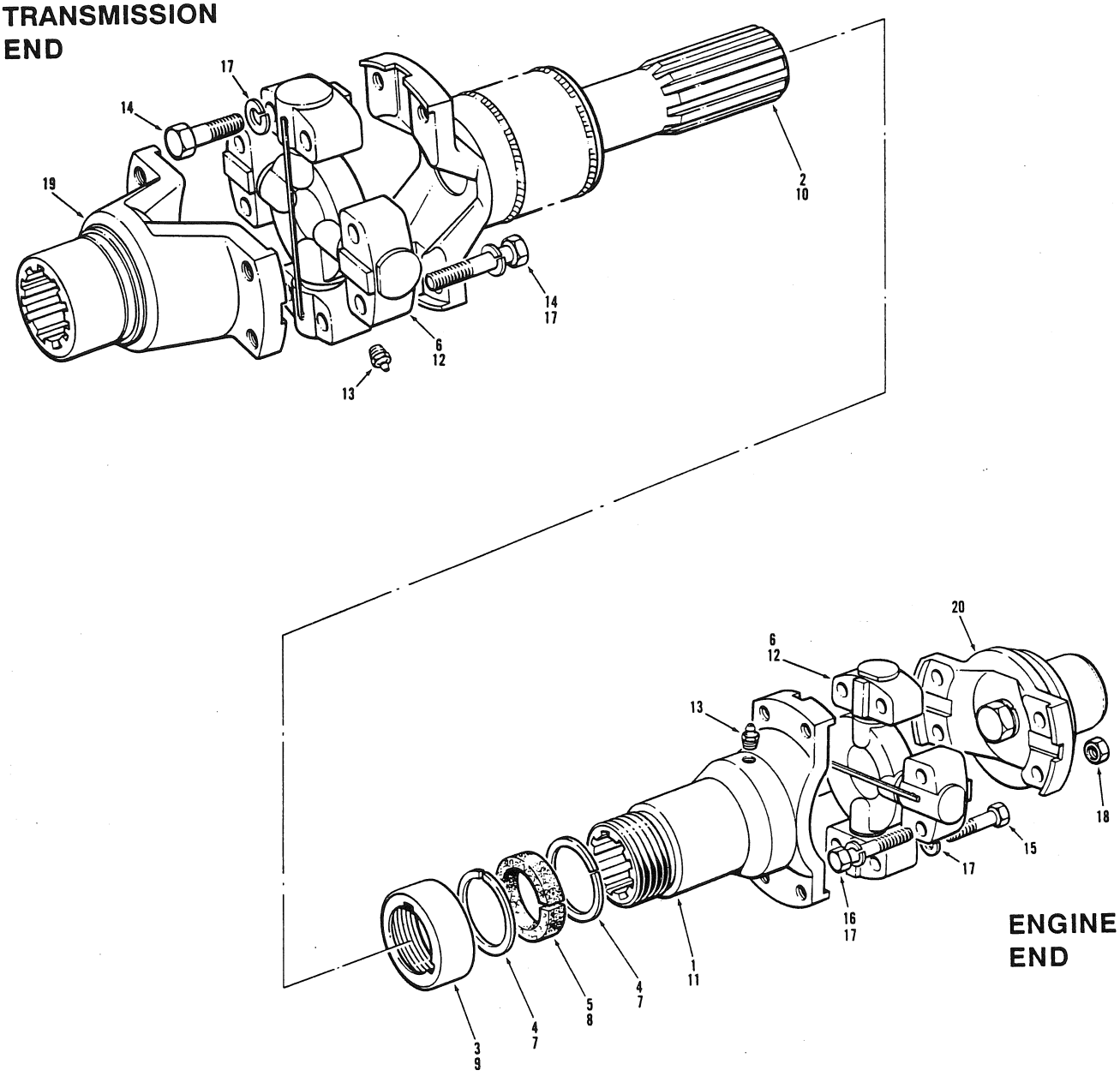
No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	*59905	CAP - MAIN CONTROL VALVE	1	
2	*59907	CAP - RANGE CONTROL VALVE	1	
3	*59906	CAP - REVERSE CONTROL VALVE	1	
4	*58438	SOLENOID CARTRIDGE	2	
5	*58437	SOLENOID CARTRIDGE	1	
6	*58436	SOLENOID CARTRIDGE	1	
	*66137	SEAL KIT FOR 58437 & 58438 - SOLENOID CARTRIDGE	1	
	*66136	SEAL KIT FOR 58436 - SOLENOID CARTRIDGE	1	
7	*58728	COIL	1 - 2	
8	115D-01	PLUG	3	
9	*115C-02	PLUG	13	
10	50A-0610	BOLT	14	
11	50A-0632	BOLT	4	
12	14A-06	LOCKWASHER	18	
		REGULATOR VALVE INSTALLATION		
	53775	REGULATOR VALVE ASSEMBLY INCLUDES ITEMS 13 to 24	1	
	38684	REPAIR KIT FOR 53775 - REGULATOR VALVE ASSEMBLY INCLUDES ITEMS 14, 17, 18, 19, 21 & 22	1	
13	11212	VALVE COVER	2	
14	11213	GASKET	2	
15	11214	VALVE BODY	1	
16	11215	VALVE ASSEMBLY	1	
17	11216	SPACER - THIN	1	
18	11217	SPACER - THICK	1	
19	11218	SPRING - MAIN VALVE - INNER	1	
20	11221	LUBE VALVE	1	
21	37213	SPRING - LUBE VALVE	1	
22	41094	SPRING - MAIN VALVE - OUTER	1	
23	50A-0506	BOLT	12	
24	14A-05	LOCKWASHER	12	
25	50A-0652	BOLT	6	
26	14A-06	LOCKWASHER	6	

No. Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS

DRIVESHAFT - UPPER

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION B



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DRIVESHAFT - UPPER

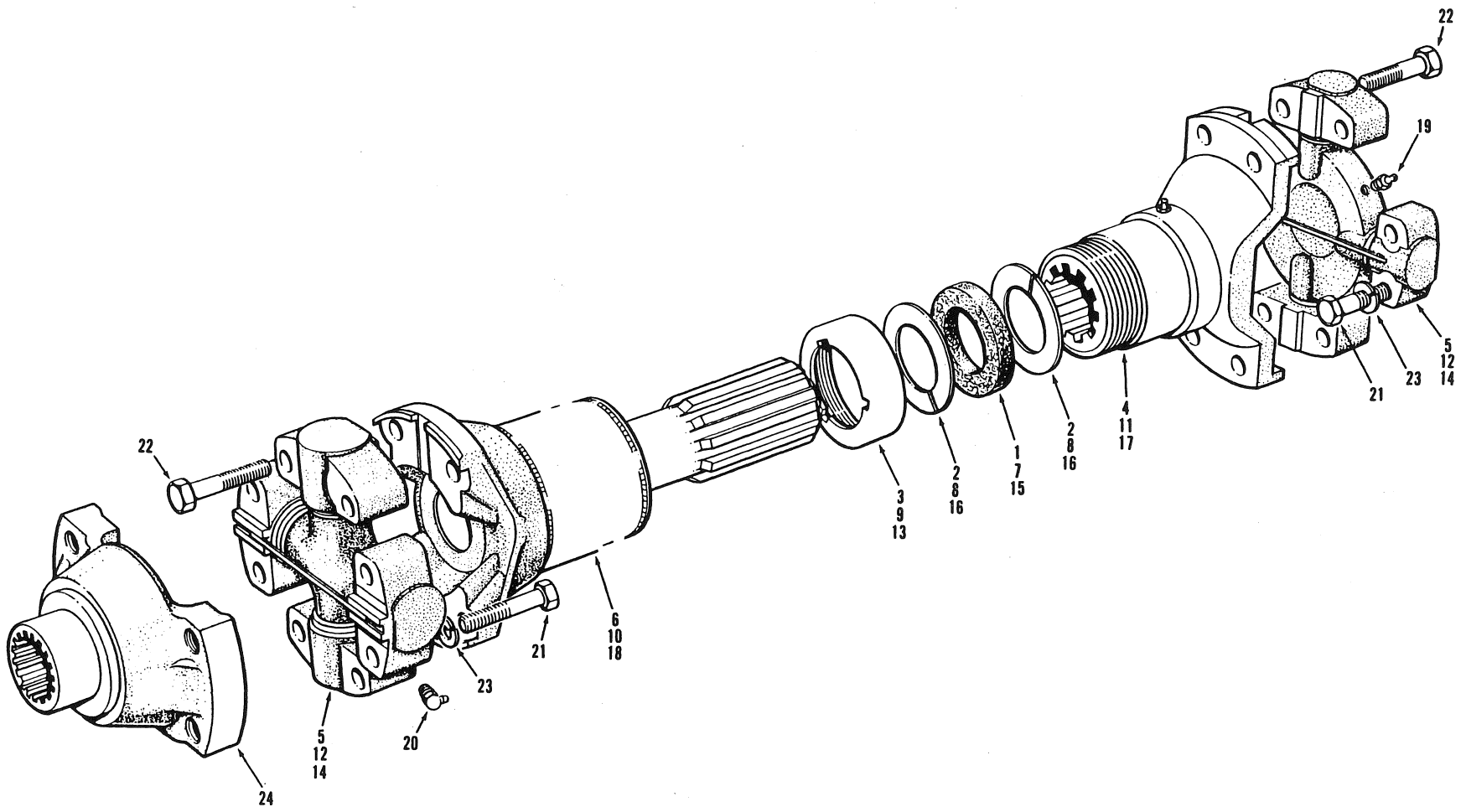
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	14031	**DRIVESHAFT ASSEMBLY - INCLUDES ITEMS 1 TO 6 & 13 TO 17**	1	720 thru 780A
1	14665	YOKE	1	
2	14667	TUBE ASSEMBLY	1	
3	14668	CAP	1	
4	14669	STEEL WASHER	2	
5	14670	FELT WASHER	1	
6	37134	CROSS & BEARING	2	
	40051	**DRIVESHAFT ASSEMBLY - INCLUDES ITEMS 7 TO 17**	1	710/710A
7	37129	STEEL WASHER	2	
8	37130	FELT WASHER	1	
9	37131	CAP	1	
10	37132	TUBE ASSEMBLY	1	
11	37133	YOKE	1	
12	37134	CROSS & BEARING	2	
13	29A-02	GREASE FITTING	2	
14	51A-0614	BOLT	8	
15	*51A-0616	BOLT	4	
16	*51A-0618	BOLT	4	
17	14A-06	LOCKWASHER	16	
18	*30A-06	NUT	4	
19		YOKE - TRANSMISSION	REF.	SECTION 6 PAGE 3
20		YOKE - CLUTCH	REF.	SECTION 5 PAGES 1 & 3

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS

EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 7 PAGE 3
SECCION 7 PAGINA 3



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

DRIVE SHAFT - LOWER

APRIL 1987

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

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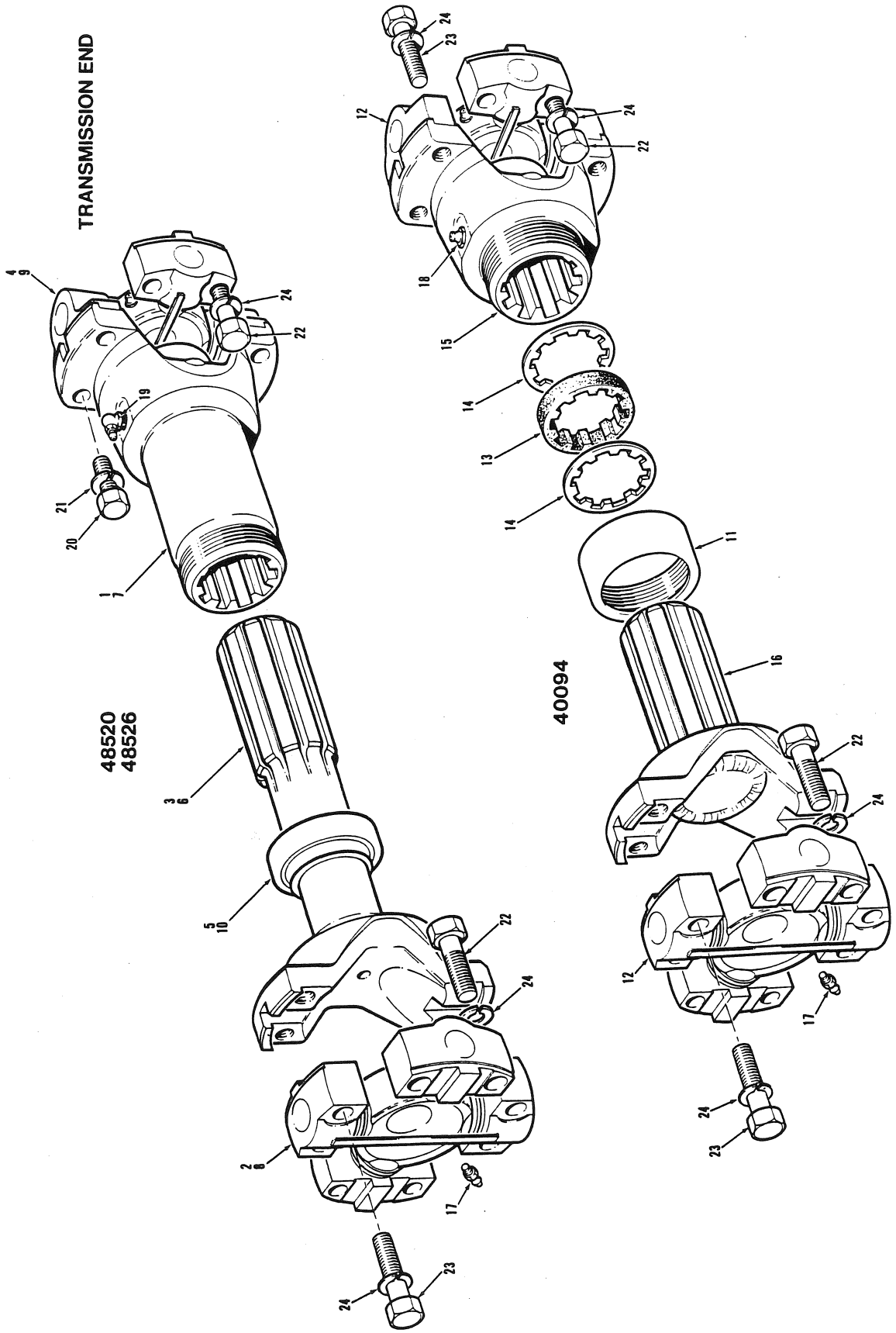
SECTION / SECCION 7 | PAGE / PAGINA 4 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 1 REVISION A

DRIVE SHAFT - LOWER

APRIL 1987

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	36294	DRIVE SHAFT ASSY. - INCLUDES ITEMS 1 TO 6 & 19 TO 23	1	ARTIC'N 720A THRU 780A
1	37135	FELT WASHER	1	
2	37136	STEEL WASHER	2	
3	37137	CAP	1	
4	37139	YOKE	1	
5	37140	UNIVERSAL JOINT	2	
6	37141	YOKE SHAFT	1	
	40052	DRIVE SHAFT ASSY. - INCLUDES ITEMS 7 TO 12 & 19 TO 23	1	710 & 710A
7	37135	FELT WASHER	1	
8	37136	STEEL WASHER	2	
9	37137	CAP	1	
10	37138	YOKE SHAFT	1	
11	37139	YOKE	1	
12	37140	UNIVERSAL JOINT	2	
	40094	DRIVE SHAFT ASSY. - INCLUDES ITEMS 13 TO 23	1	RIGID, 720 THRU 780
13	37137	CAP	1	
14	37140	UNIVERSAL JOINT	2	
15	37142	FELT WASHER	1	
16	37143	STEEL WASHER	2	
17	37144	YOKE	1	
18	37145	YOKE SHAFT	1	
19	29A-02	GREASE FITTING	A.R.	
20	29B-02	GREASE FITTING	A.R.	
21	51A-0816	BOLT	8	
22	51A-0820	BOLT	8	
23	14A-08	LOCKWASHER	16	
24		YOKE	REF.	SECTION 6 PAGE 4

CHAMPION ROAD MACHINERY



DRIVE SHAFT - LOWER

MAY 1988

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

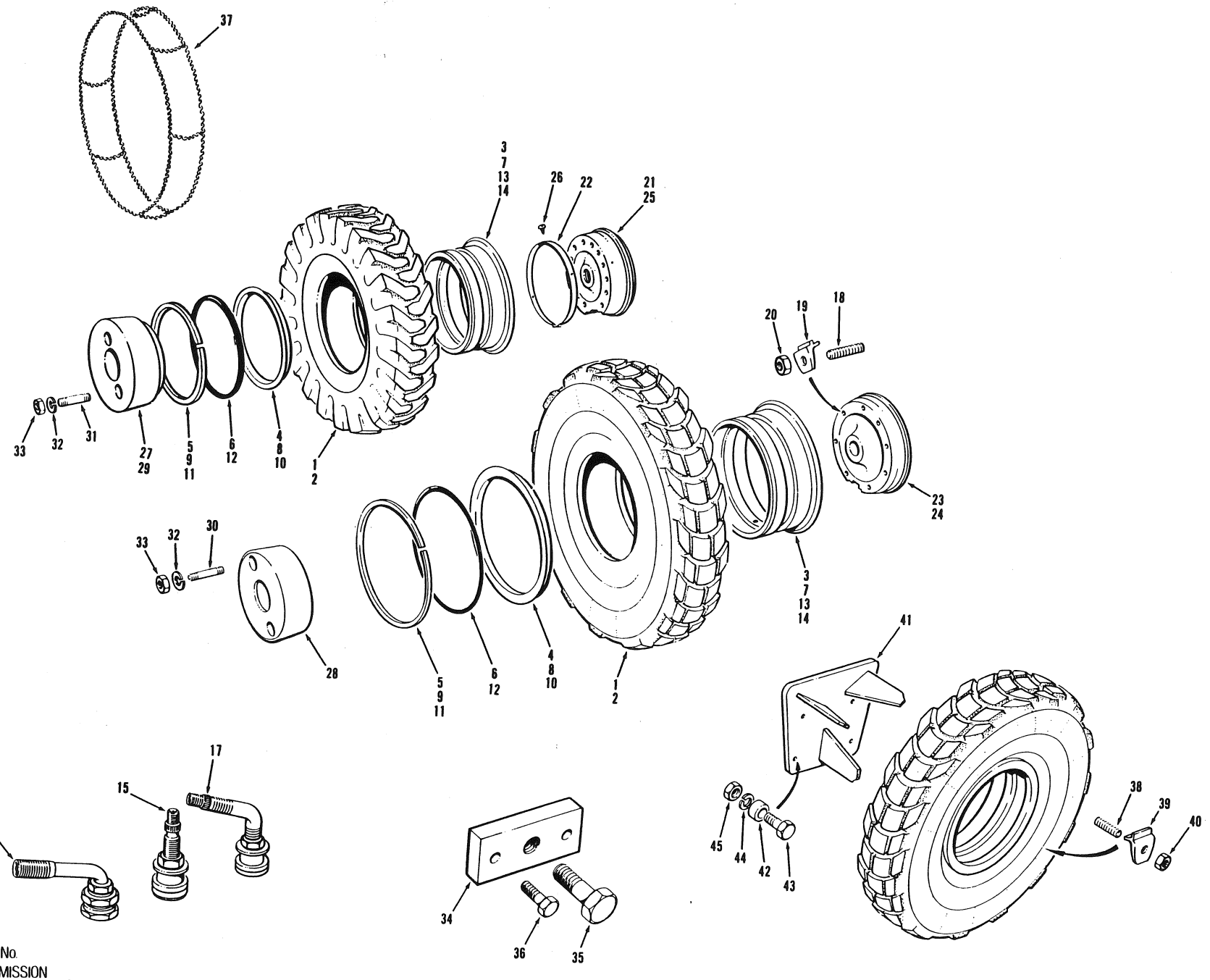
EFFECTIVE SERIAL NUMBER(S) 18802,18878 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

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DRIVE SHAFT - LOWER

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	*48520	DRIVE SHAFT ASSY. - INCLUDES ITEMS 1 TO 5,17,19,20 TO 24	1	ARTIC'N 720A THRU 780A
1	37139	YOKE	1	
2	37140	UNIVERSAL JOINT	1	
3	37141	YOKE SHAFT	1	
4	*49335	UNIVERSAL JOINT	1	
5	*49571	CAP	1	
	*48526	DRIVE SHAFT ASSY. - INCLUDES ITEMS 6 TO 10,17,19,20 TO 24	1	710 & 710A
6	37138	YOKE SHAFT	1	
7	37139	YOKE	1	
8	37140	UNIVERSAL JOINT	1	
9	*49335	UNIVERSAL JOINT	1	
10	*49571	CAP	1	
	40094	DRIVE SHAFT ASSY. - INCLUDES ITEMS 11 TO 18 & 22 TO 24	1	RIGID, 720 THRU 780
11	37137	CAP	1	
12	37140	UNIVERSAL JOINT	2	
13	37142	FELT WASHER	1	
14	37143	STEEL WASHER	2	
15	37144	YOKE	1	
16	37145	YOKE SHAFT	1	
17	29A-02	GREASE FITTING	2	
18	29A-04	GREASE FITTING	1	
19	29B-04	GREASE FITTING	1	
20	*51A-0510	BOLT	4	
21	*14A-05	LOCKWASHER	4	
22	51A-0816	BOLT	8	
23	51A-0820	BOLT	4-8	
24	14A-08	LOCKWASHER	12-16	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1

WHEELS, RIMS & TIRES

OCTOBER 1984

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

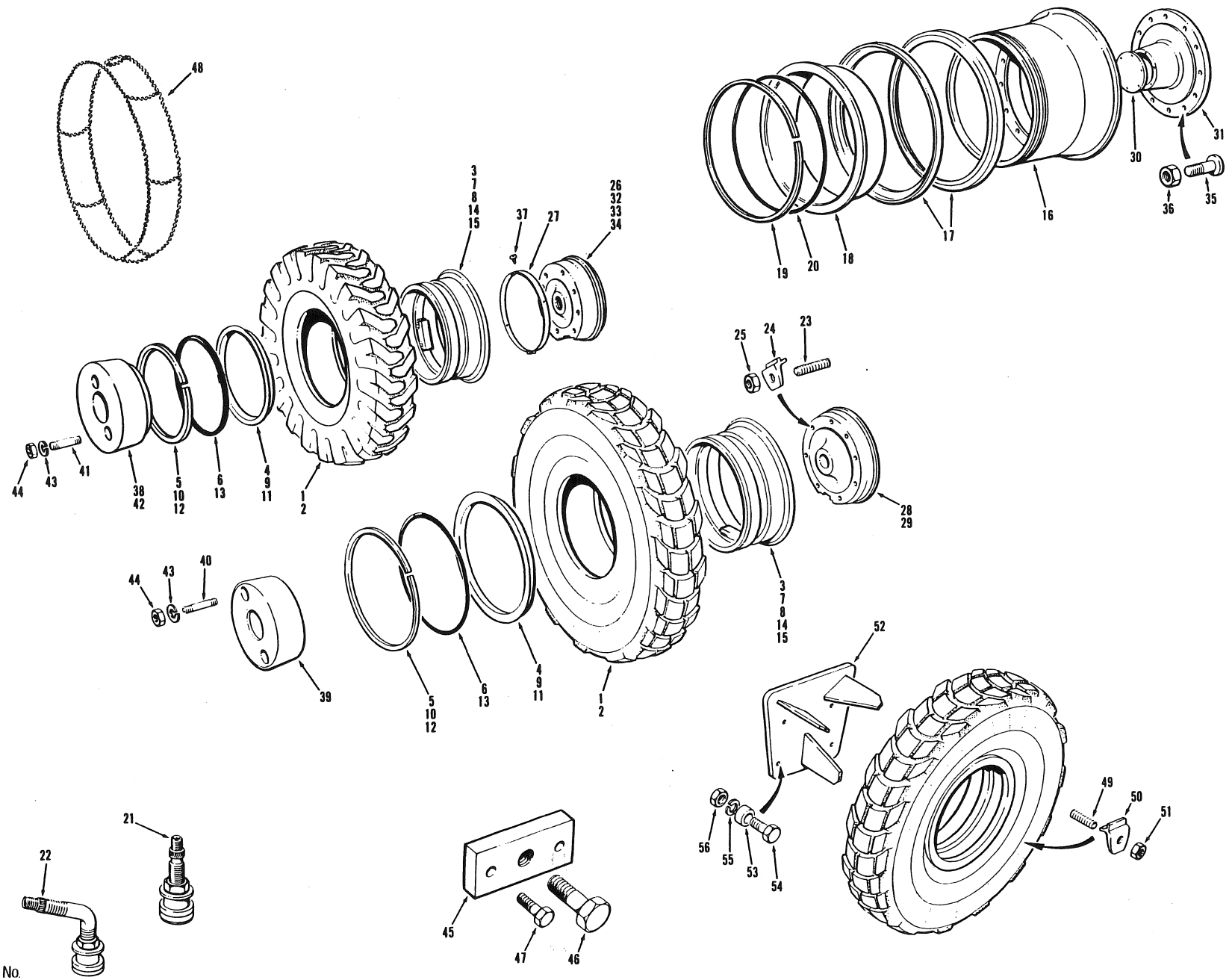
700 SERIES
SERIE 700

SECTION 7 PAGE 5
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		STANDARD TIRES		
1	4277	13:00 X 24 X 12 P.R. - STANDARD ON 720		TUBELESS
1	5428	14:00 X 24 X 12 P.R. - STANDARD ON 740		TUBELESS
1	9366	16:00 X 24 X 12 P.R. - STANDARD ON 760		TUBELESS
1	10851	17:5 X 25 X 12 P.R.		TUBELESS
1	706	13:00 X 24 X 12 P.R.		TUBE
1	972	14:00 X 24 X 12 P.R.		TUBE
1	8216	16:00 X 24 X 12 P.R.		TUBE
1	23250	17:5 X 24 X 12 P.R.		TUBE
		SPECIAL TIRES		
2	11267	14:00 X 24 X 12 P.R. - MICHELIN XRB		TUBE
2	19064	16:00 X 24 X 12 P.R. - MICHELIN		TUBELESS
2	24230	16:00 X 24 X 16 P.R. - G2		TUBELESS
		RIMS		
3	4275-1	BASE - 8"		
4	4275-2	FLANGE - 8"		
5	4275-3	LOCK RING - 8"		
6	4275-4	O RING - 8" TO 10"		
7	4276-1	BASE - 10"		
8	4276-2	FLANGE - 10"		
9	4276-3	LOCK RING - 10"		
10	10852-2	FLANGE - 14"		
11	10852-3	LOCK RING - 14"		
12	10852-4	O RING - 14"		
13	14512	BASE - MODIFIED - 10" OFFSET RIM		
14	18440	BASE - MODIFIED - 14"		
		VALVES		
15	4275-5	VALVE STEM ASSY. - STANDARD VALVE - USED ON 8" & 10" RIMS	A.R.	
16	10852-5	VALVE EXTENSION - 65°- USED ON 14" RIMS WITH 17:5 X 25 TIRES	A.R.	
17	19440	VALVE STEM ASSY. - 65° - USED ON TUBELESS TIRES WITH WHEEL WEIGHTS	A.R.	
		WHEELS		
18	708	WHEEL STUD	76	
19	709	RIM CLAMP	76	
20	710	RIM NUT	76	
21	7435	REAR WHEEL	4	
22	7436	BRAKE SEAL BAND - REAR WHEELS	4	
23	8134	FRONT WHEEL	2	
24	18934	FRONT WHEEL - DRILLED & TAPPED FOR WHEEL WEIGHTS	2	
25	40022	WHEEL - OIL DISC BRAKES	4	
26	55A-1406	SCREW	4	

No. Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		WHEEL WEIGHTS		
27	8498	WHEEL WEIGHT - REAR	4	
28	17658	WHEEL WEIGHT - FRONT	2	
29	40023	WHEEL WEIGHT - OIL DISC BRAKES	4	
30	17692	STUD	4	
31	24127	STUD	8	
32	14A-16	LOCKWASHER	A.R.	
33	30A-16	NUT	A.R.	
		REAR WHEEL PULLER		
34	5726	PULLER PLATE	1	
35	5727	PULLER SCREW	1	
36	50A-1628	BOLT	1	
		TIRE CHAINS		
37	2807	CHAIN - USED ON 13:00 TIRES	A.R.	
37	2808	CHAIN - USED ON 14:00 TIRES	A.R.	
37	9700	CHAIN - USED ON 16:00 TIRES	A.R.	
37	15100	CHAIN - USED ON 17:5 TIRES	A.R.	
		SPARE TIRE HANGER		
38	708	STUD	3	
39	709	CLAMP	3	
40	710	NUT	3	
41	14318	MOUNT	1	
42	19057	SPACER - USED ONLY WHEN LIFTING BRACKET IS INSTALLED ON GRADER	2	
43	50A-1628	BOLT	4	
44	14A-16	LOCKWASHER	4	
45	30A-16	NUT	4	



EFFECTIVE SERIAL NUMBER(S) 16672 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2420-2 & UP

700 SERIES
SERIE 700

SECTION 7 PAGE 5
SECCION 7 PAGINA 5

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2

WHEELS, RIMS & TIRES

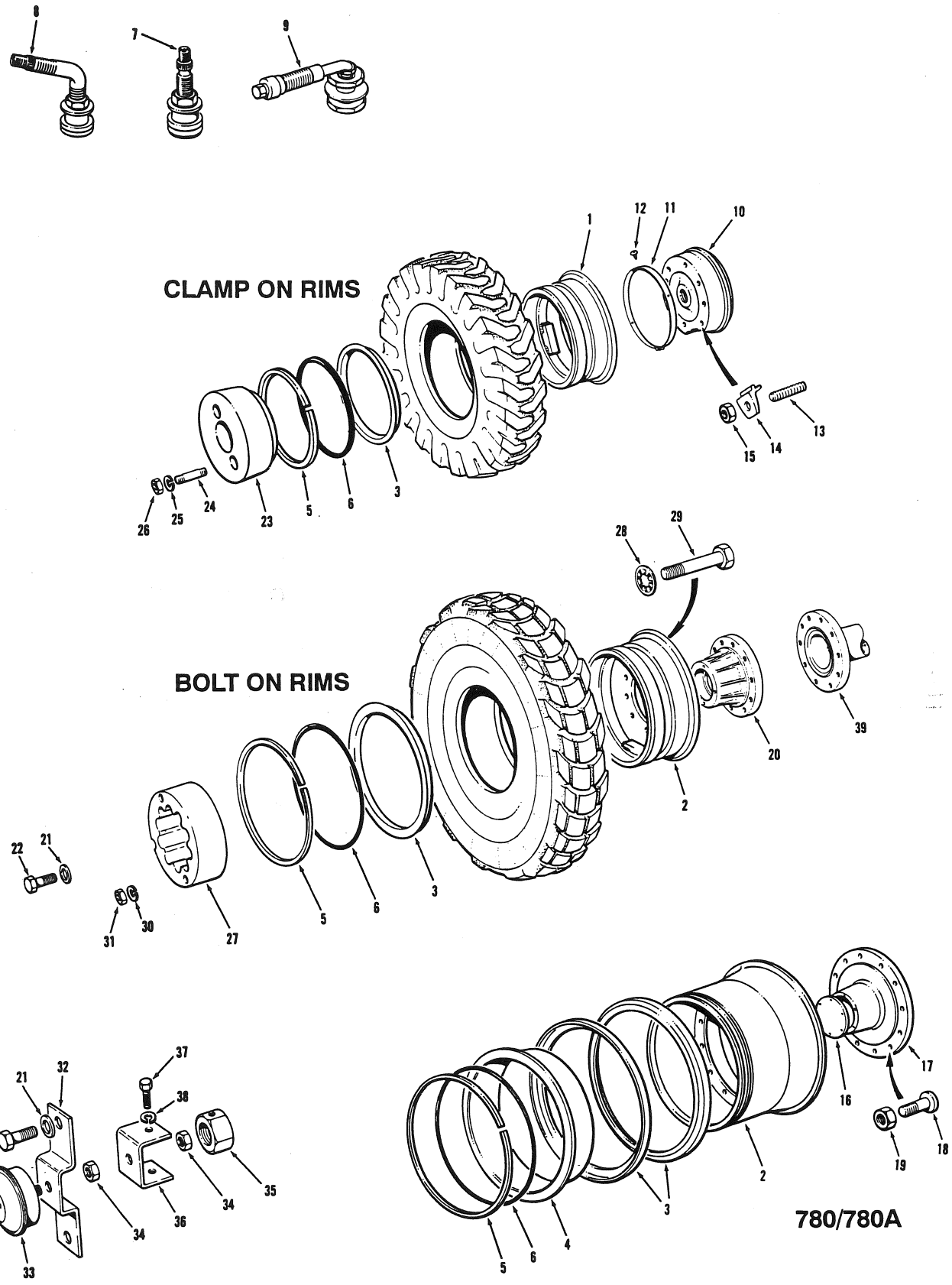
JANUARY 1987

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		STANDARD TIRES		
	4277	13:00 X 24 X 12 P.R. - STANDARD ON 720		TUBELESS
	5428	14:00 X 24 X 12 P.R. - STANDARD ON 740		
	9366	16:00 X 24 X 12 P.R. - STANDARD ON 760		
1	10851	17:5 X 25 X 12 P.R.		
	706	13:00 X 24 X 12 P.R.		TUBE
	972	14:00 X 24 X 12 P.R.		
	8216	16:00 X 24 X 12 P.R.		
		SPECIAL TIRES		
	11267	14:00 X 24 X 12 P.R. - MICHELIN XRB		TUBELESS
	19064	16:00 X 24 X 12 P.R. - MICHELIN		
	24230	16:00 X 24 X 16 P.R. - G2 TREAD		
	*41180	17.50 X 25 X 12 P.R. - MICHELIN		
	*41184	14:00 X 24 X 16 P.R. - GOODYEAR		
	*43698	14:00 X 24 X 12 P.R. - MICHELIN XRB		
2	*44555	20.50 X 25 X 12 P.R. - GOODYEAR		
	*44927	20.50 X 25 X 12 P.R. - L3 TREAD		
	*41181	14:00 X 24 X 12 P.R. - MICHELIN		TUBE
	*41183	14:00 X 24 X 16 P.R. - GOODYEAR		
	*41185	16:00 X 24 X 16 P.R. - GOODYEAR		
	*43699	14:00 X 24 X 12 P.R. - MICHELIN XRB		
		RIMS		
3	*42221	BASE - 8"	1	
4	4275-2	FLANGE - 8"	1	
5	4275-3	LOCK RING - 8"	1	
6	4275-4	O RING - 8" TO 10"	1	
7	*42222	BASE - 10"	1	
8	44765	BASE - 10" BOLT ON	1	780 & 780A
9	4276-2	FLANGE - 10"	1	
10	4276-3	LOCK RING - 10"	1	
11	10852-2	FLANGE - 14"	1	
12	10852-3	LOCK RING - 14"	1	
13	10852-4	O RING - 14"	1	
14	*42223	BASE - MODIFIED - 10" OFFSET RIM	1	
15	*18440	BASE - MODIFIED - 14"	1	
16	*44768	BASE - 17" BOLT ON	1	780 & 780A
17	*32016-2	FLANGE - 17"	2	
18	*32016-3	BAND SEAT - 17"	1	
19	*32016-4	LOCK RING - 17"	1	
20	*32016-5	O RING - 25"	1	
		VALVES		
21	4275-5	VALVE STEM - USES ON 8" & 10" RIMS	1	
22	*19940	VALVE STEM - (USED ON TUBELESS TIRES WITH WHEEL WEIGHTS)	1	

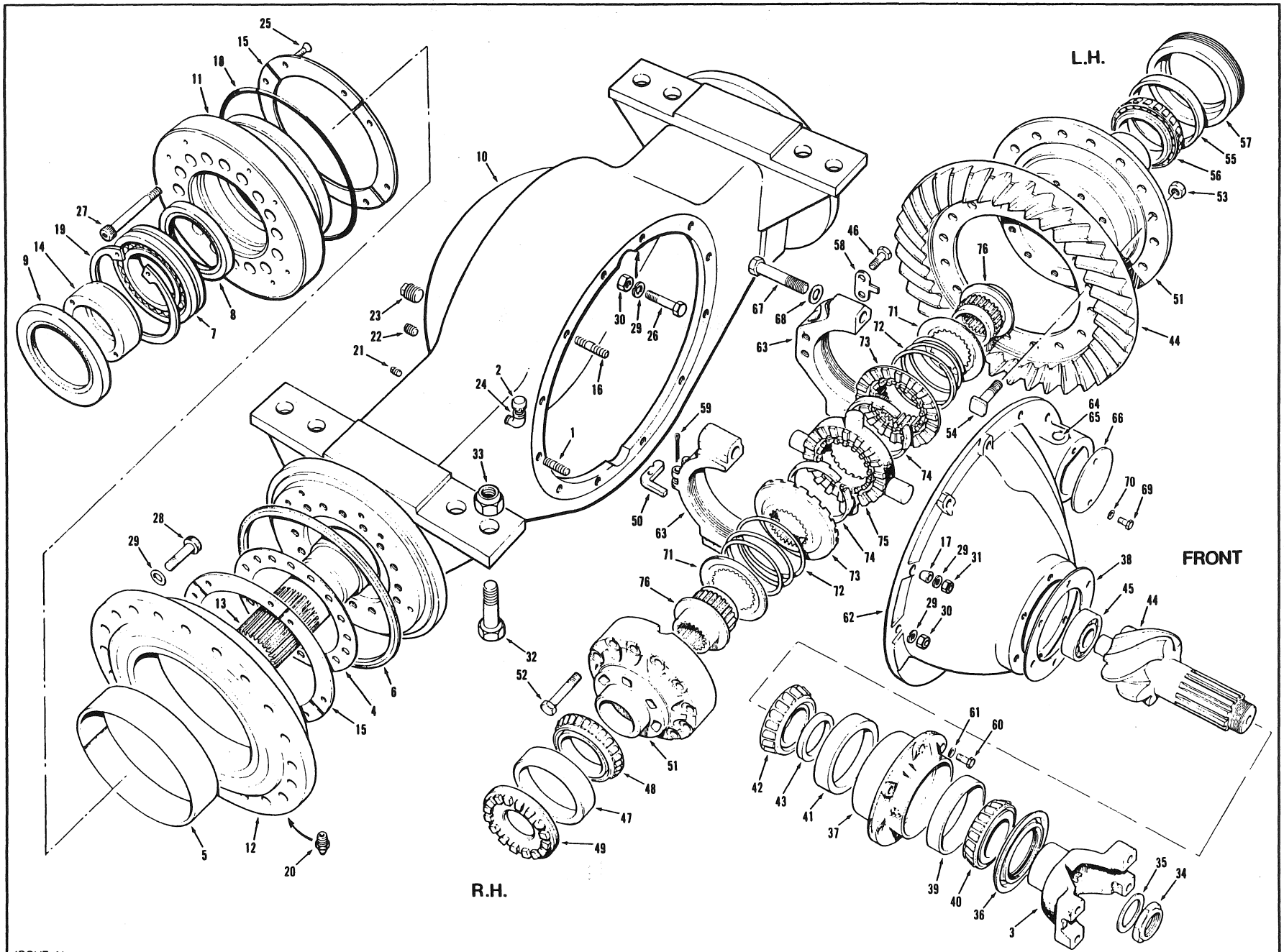
No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		WHEELS		
23	708	WHEEL STUD	48	
24	709	RIM CLAMP	48	
25	710	RIM NUT	48	
26	7435	WHEEL - REAR - 2 WHEEL BRAKE	2	710 & 710A
27	7436	BAND - BRAKE SEAL - REAR WHEELS	2	710 & 710A
28	8134	WHEEL - FRONT	2	EXCEPT 780s
29	18934	WHEEL - SPECIAL FRONT - FOR WHEEL WEIGHTS	2	
30	*30089	HUB CAP	2	780 & 780A
31	*30108	WHEEL - FRONT HUB	2	780 & 780A
32	*42227	REAR WHEEL	2or4	
33	*42228	WHEEL - OIL DISC BRAKES	4	EXCEPT 780s
34	*44451	WHEEL - OIL DISC BRAKES	4	780 & 780A
35	*30456	STUD	12	
36	*30457	NUT	12	
37	55A-1406	SCREW	4	
		WHEEL WEIGHTS		
38	8498	WEIGHT - REAR WHEEL	4	
39	17658	WEIGHT - FRONT WHEEL	2	
40	17692	STUD	4	
41	24127	STUD	8	
42	*43364	WEIGHT - OIL DISC BRAKE WHEEL	4	
43	14A-16	LOCKWASHER	A.R.	
44	30A-16	NUT	A.R.	
		REAR WHEEL PULLER		
45	5726	PULLER PLATE	1	
46	5727	PULLER SCREW	1	
47	50A-1628	BOLT	1	
		TIRE CHAINS		
	2807	CHAIN - USED ON 13:00 TIRES	1pair	
	2808	CHAIN - USED ON 14:00 TIRES	1pair	
48	9700	CHAIN - USED ON 16:00 TIRES	1pair	
	15100	CHAIN - USED ON 17:50 TIRES	1pair	
	*45080	CHAIN - USED ON 20:50 TIRES	1pair	
		SPARE TIRE HANGER		
49	708	STUD	3	
50	709	CLAMP	3	
51	710	NUT	3	
52	14318	MOUNT	1	
53	19057	SPACER - (USED WITH LIFTING BRACKET ONLY)	2	
54	50A-1628	BOLT	4	
55	14A-16	LOCKWASHER	4	
56	30A-16	NUT	4	


CLAMP ON RIMS
BOLT ON RIMS
780/780A

WHEELS, RIMS & HUBODOMETER

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		RIMS - CLAMP ON - DRUM BRAKES -		710 thru 740A
1	42221	RIM - 8"	4 or 6	710 thru 740A
1	42222	RIM - 10"	4 or 6	710 thru 740A
1	42223	RIM - 10" OFFSET	6	740/740A
1	18440	RIM - 14"	4 or 6	710 thru 740A
		RIMS - BOLT ON - OIL DISC BRAKES -		710 thru 780A
	*58009	RIM - 8"	4 or 6	710 thru 740A
	*58011	RIM - 10"	4 or 6	710 thru 740A
	*58012	RIM - 10" OFFSET	6	740 thru 750A
	*58015	RIM - 10"	6	780/780A
2	*58013	RIM - 14" x 25"	4 or 6	710 thru 750A
	*58017	RIM - 17" x 25"	6	780/780A
	*58031	RIM - 8" - FRONT	2	A.W.D.
	*58032	RIM - 10" - FRONT	2	A.W.D.
	*58133	RIM - 14" x 25" - FRONT	2	A.W.D.
		RIM RINGS		
	4275-2	SIDE RING - 8"	1 per rim	
3	4276-2	SIDE RING - 10"	1 per rim	
	10852-2	SIDE RING - 14"	1 per rim	
	32016-2	SIDE RING - 17"	2 per rim	
4	32016-3	BAND SEAT - 17"	1 per rim	
	4275-3	LOCK RING - 8"	1 per rim	
5	4276-3	LOCK RING - 10"	1 per rim	
	10852-3	LOCK RING - 14"	1 per rim	
	32016-4	LOCK RING - 17"	1 per rim	
	4275-4	O-RING - 8" & 10"		Tubeless Tires only
6	10852-4	O-RING - 14"		Tubeless Tires only
	32016-5	O-RING - 17"		Tubeless Tires only
		VALVE STEMS & EXTENTIONS		
7	4275-5	VALVE STEM - USED ON 8" & 10" RIMS	1 per rim	
	10852-5	VALVE STEM - USED ON 14" & 17" RIMS	1 per rim	
8	19940	VALVE STEM - EXTENDED - USED ON 10" & 8" BOLT ON RIMS WITH WHEEL WEIGHTS	1 per rim	
	23090	EXTENTION - VALVE STEM - FOR TUBE TYPE TIRES, 8" RIMS WITH WHEEL WEIGHTS	1 per rim	
9	58025	EXTENSION - VALVE STEM - FOR TUBE TYPE TIRES, 10" RIMS WITH WHEEL WEIGHTS	1 per rim	
	58023	EXTENTION - VALVE STEM - 10" FRONT A.W.D. & 10" BOLT ON RIMS WITH WHEEL WEIGHTS	1 per rim	
		WHEEL (HUBS) - CLAMP ON RIMS - DRUM BRAKES -		710 thru 740A
	8134	WHEEL - FRONT	2	
10	18934	WHEEL - FRONT FOR WHEEL WEIGHTS	2	
	42227	WHEEL - REAR	4	
11	53445	BAND - DRUM BRAKE SEAL	4	
12	55A-1406	SCREW	4	
13	708	STUD	48	
14	709	CLAMP	48	
15	710	NUT	48	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		WHEEL (HUBS) - BOLT ON RIMS - OIL DISC BRAKES -		710 thru 780A
16	30089	HUB CAP	2	780/780A
17	30108	HUB - FRONT	2	780/780A
18	30456	STUD	12	780/780A
19	30457	NUT	12	780/780A
20	*54065	HUB - FRONT	2	710 thru 750A
21	*56445	WASHER	20	710 thru 750A
22	50A-1416	CAPSCREW	20	710 thru 750A
		WHEEL WEIGHTS - CLAMP ON RIMS		
23	17658	WEIGHT - FRONT WHEEL	2	
	8498	WEIGHT - REAR WHEEL	4	
24	17692	STUD - FRONT WHEEL	4	
	24127	STUD - REAR WHEEL	8	
25	14A-16	LOCKWASHER	12	
26	30A-16	NUT	12	
		WHEEL WEIGHTS - BOLT ON RIMS		
27	*54178	WEIGHT	4 or 6	
28	*58019	FASTENER	8 or 12	
29	50A-1648	BOLT	8 or 12	
30	14A-16	LOCKWASHER	8 or 12	
31	30A-16	NUT	8 or 12	
		HUBODOMETERS		
32	*58567	BRACKET - BOLT ON RIMS	1	710 thru 750A
	*58568	BRACKET - BOLT ON RIMS	1	780/780A
	10510	HUBODOMETER - 13:00 TIRE	1	Miles
	10511	HUBODOMETER - 14:00 TIRE	1	Miles
	10512	HUBODOMETER - 16:00 TIRE	1	Miles
33	10973	HUBODOMETER - 17:50 TIRE	1	Miles
	11919	HUBODOMETER - 13:00 TIRE	1	Kilometers
	11920	HUBODOMETER - 14:00 TIRE	1	Kilometers
	11921	HUBODOMETER - 16:00 TIRE	1	Kilometers
	11922	HUBODOMETER - 17:50 TIRE	1	Kilometers
34	37D-08	LOCKNUT - INCLUDED WITH HUBODOMETER	1	
35	24902	NUT	1	Clamp on Rims
36	24903	BRACKET	1	Clamp on Rims
37	51A-0606	CAPSCREW	1	Clamp on Rims
38	14A-06	LOCKWASHER	1	Clamp on Rims
39		AXLE	REF.	Sect 7 Pg 15



FINAL DRIVE ASSEMBLY - SINGLE REDUCTION - MODEL 710/710A

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

MARCH 1986

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16302 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

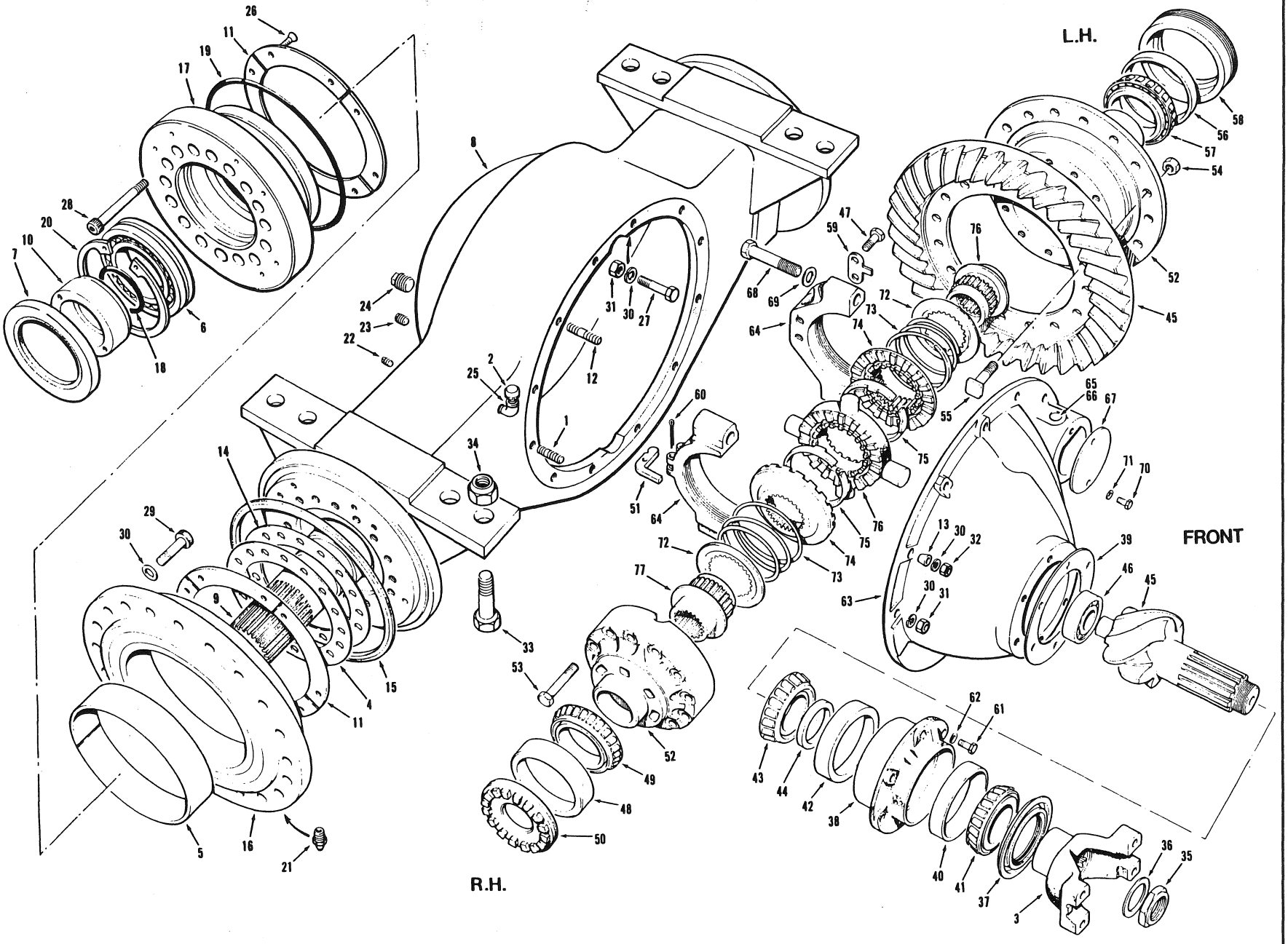
700 SERIES
SERIE 700

SECTION 7 PAGE 7
SECCION 7 PAGINA 7

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FINAL DRIVE ASSEMBLY - SINGLE REDUCTION - MODEL 710/710A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	35622	FINAL DRIVE ASSY. - INCLUDES ITEMS 1 TO 76	1	
1	708	STUD	4	
2	4341	BREATHER	1	
3		YOKE	REF.	SECTION 9 PAGE 1/2
4	29050	SHIM	A.R.	
5	*41560	BUSHING	2	
6	29070	SEAL	2	
7	33892	BEARING	2	
8	33893	OIL SEAL - INNER	2	
9	33894	OIL SEAL - OUTER	2	
10	35623	AXLE HOUSING	1	
11	35625	RETAINER - PIVOT RING	2	
12	35627	PIVOT RING ASSY. - INCLUDES ITEM 5	2	
13	35630	AXLE	2	
14	35631	SPACER	2	
15	35632	THRUST PLATE	16	
16	36251	STUD	4	
17	36252	WASHER	4	
18	12A-452	O RING	2	
19	19B-550	SNAP RING	2	
20	29A-02	GREASE FITTING	2	
21	115E-06	PIPE PLUG	1	
22	115E-08	PIPE PLUG	1	
23	115E-16	PIPE PLUG	1	
24	*41303	ELBOW	1	
25	52E-1004	CAPSCREW	32	
26	50A-1020	BOLT	4	
27	50D-1028	CAPSCREW	32	
28	51D-1016	CAPSCREW	40	
29	14A-10	LOCKWASHER	44	
30	30A-10	NUT	8	
31	31A-10	NUT	4	
32	50A-1626	BOLT	8	
33	36D-16	LOCKNUT	8	
	35633	DIFFERENTIAL HEAD ASSY. - INCLUDES ITEMS 34 TO 61	1	
34	29386	NUT	1	
35	29387	WASHER	1	
36	29388	OIL SEAL & RETAINER ASSY.	1	
37	29389	CAGE & CUP ASSY.	1	
38	29390	SHIM - .003"	A.R.	
	29391	SHIM - .005"	A.R.	
	29392	SHIM - .010"	A.R.	
	29393	SHIM - .020"	A.R.	
	29394	SHIM - .030"	A.R.	
39	29396	BEARING CUP - OUTER	1	
40	29397	BEARING CONE - OUTER	1	
41	29398	BEARING CUP - INNER	1	
42	29399	BEARING CONE - INNER	1	
43	29395	SPACER - 0.6365" THICK	A.R.	
	*44203	SPACER - 0.634	A.R.	
	*44204	SPACER - 0.635	A.R.	
	*44205	SPACER - 0.636	A.R.	
	*44206	SPACER - 0.637	A.R.	
	*44207	SPACER - 0.638	A.R.	
	*44208	SPACER - 0.639	A.R.	
	*44209	SPACER - 0.640	A.R.	
	*44210	SPACER - 0.641	A.R.	
	*44211	SPACER - 0.642	A.R.	
	*44212	SPACER - 0.643	A.R.	
44	29400	PINION & GEAR - MATCHED SET - C/W ITEM 34	1	
45	29401	BEARING	1	
46	29402	CAPSCREW	2	
47	29403	BEARING CUP - R.H.	1	
48	29404	BEARING CONE - R.H.	1	
49	29405	BEARING ADJUSTER - R.H.	1	
50	29406	ADJUSTER LOCK - R.H.	1	
51	29407	DIFFERENTIAL CASE - INCLUDES FLANGED HALF, PLAIN HALF & ITEM 52	1	
52	29408	CAPSCREW	12	
53	29411	NUT	16	
54	29412	BOLT	16	
55	29413	BEARING CUP - L.H.	1	
56	29414	BEARING CONE - L.H.	1	
57	29415	BEARING ADJUSTER - L.H.	1	
58	29416	ADJUSTER LOCK - L.H.	1	
59	13A-0616	COTTER PIN	1	
60	50A-0912	BOLT	6	
61	14Q-09	LOCKWASHER	6	
62	37000	CARRIER ASSY. - INCLUDES ITEMS 63 TO 70	1	
63		BEARING CAP - NOT AVAILABLE SEPARATELY	2	
64	29418	PLUG - UPPER	1	
65	29419	PLUG - LOWER	1	
66	29420	COVER	1	
67	29429	CAPSCREW	4	
68	29430	WASHER	4	
69	50A-0707	BOLT	2	
70	14A-07	LOCKWASHER	2	
	37001	DIFFERENTIAL ASSY. - INCLUDES ITEMS 71 TO 76	1	
71	29423	RETAINER	2	
72	29424	SPRING	2	
73	29425	CLUTCH & HOLDOUT RING ASSY. - C/W ITEM 74	2	
74		HOLDOUT RING - NOT AVAILABLE SEPARATELY	2	
75	29426	SPIDER ASSY.	1	
76	37002	SIDE GEAR	2	
	29427	BEARING & SEAL KIT - INCLUDES ITEMS 36, 40 TO 43,45,47,48,55 &56	A.R.	
	29428	NUT & BOLT KIT - INCLUDES ITEMS 53 & 54	A.R.	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2

FINAL DRIVE ASSEMBLY - SINGLE REDUCTION - MODEL 710/710A

DECEMBER 1986

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 17482 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2574-2 & UP

700 SERIES
SERIE 700

SECTION 7 PAGE 7
SECCION 7 PAGINA 7

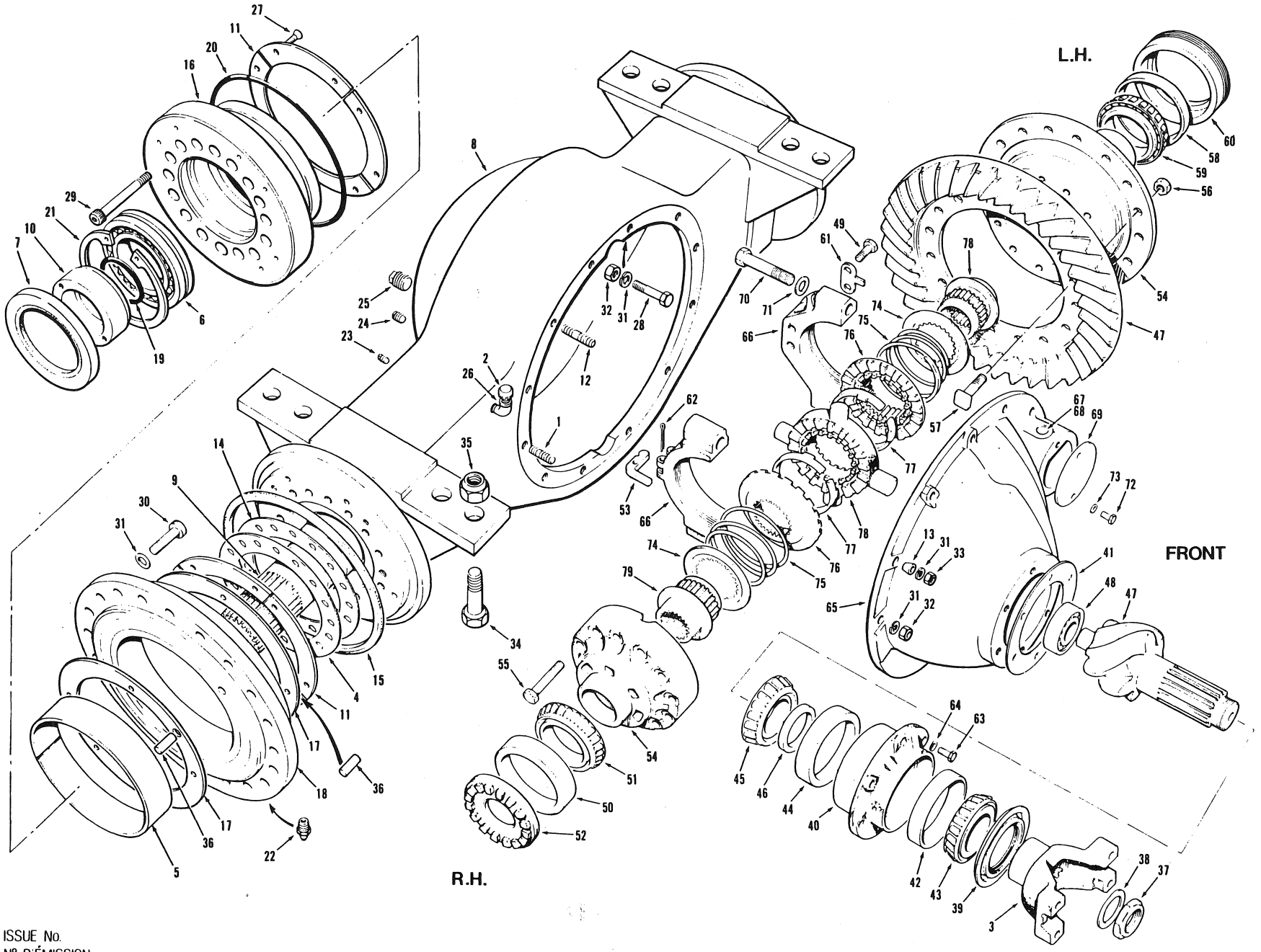
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SECTION / SECCION 7 | PAGE / PAGINA 8 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 2

FINAL DRIVE ASSEMBLY - SINGLE REDUCTION - MODEL 710/710A

NOVEMBER 1986

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	*37646	FINAL DRIVE ASSY. - INCLUDES ITEMS 1 TO 77	1	
1	708	STUD	4	
2	4341	BREATHER	1	
3		YOKE	REF.	SECTION 9 PAGE 1/2
4	29050	SHIM	A.R.	
5	41560	BUSHING	2	
6	33892	BEARING	2	
7	33894	OIL SEAL - OUTER	2	
8	35623	AXLE HOUSING	1	
9	35630	AXLE	2	
10	35631	SPACER	2	
11	35632	THRUST PLATE	16	
12	36251	STUD	4	
13	36252	WASHER	4	
14	*37641	SHIM - .002	A.R.	
15	*37643	SEAL	2	
16	*37645	PIVOT RING ASSY. - INCLUDES ITEM 5	2	
17	*37647	RETAINER - PIVOT RING	2	
18	*12A-041	O RING	2	
19	12A-452	O RING	2	
20	19B-550	SNAP RING	2	
21	29A-02	GREASE FITTING	2	
22	115E-06	PIPE PLUG	1	
23	115E-08	PIPE PLUG	1	
24	115E-16	PIPE PLUG	1	
25	41303	ELBOW	1	
26	52E-1004	CAPSCREW	32	
27	50A-1020	BOLT	4	
28	50D-1028	CAPSCREW	32	
29	51D-1016	CAPSCREW	40	
30	14A-10	LOCKWASHER	44	
31	30A-10	NUT	8	
32	31A-10	NUT	4	
33	50A-1626	BOLT	8	
34	36D-16	LOCKNUT	8	
	35633	DIFFERENTIAL HEAD ASSY. - INCLUDES ITEMS 35 TO 62	1	
35	29386	NUT	1	
36	29387	WASHER	1	
37	29388	OIL SEAL & RETAINER ASSY.	1	
38	29389	CAGE & CUP ASSY.	1	
39	29390	SHIM - .003"	A.R.	
	29391	SHIM - .005"	A.R.	
	29392	SHIM - .010"	A.R.	
	29393	SHIM - .020"	A.R.	
	29394	SHIM - .030"	A.R.	
40	29396	BEARING CUP - OUTER	1	
41	29397	BEARING CONE - OUTER	1	
42	29398	BEARING CUP - INNER	1	
43	29399	BEARING CONE - INNER	1	
44	29395	SPACER - 0.6365" THICK	A.R.	
	44203	SPACER - 0.634	A.R.	
	44204	SPACER - 0.635	A.R.	
	44205	SPACER - 0.636	A.R.	
	44206	SPACER - 0.637	A.R.	
	44207	SPACER - 0.638	A.R.	
	44208	SPACER - 0.639	A.R.	
	44209	SPACER - 0.640	A.R.	
	44210	SPACER - 0.641	A.R.	
	44211	SPACER - 0.642	A.R.	
	44212	SPACER - 0.643	A.R.	
45	29400	PINION & GEAR - MATCHED SET - C/W ITEM 35	1	
46	29401	BEARING	1	
47	29402	CAPSCREW	2	
48	29403	BEARING CUP - R.H.	1	
49	29404	BEARING CONE - R.H.	1	
50	29405	BEARING ADJUSTER - R.H.	1	
51	29406	ADJUSTER LOCK - R.H.	1	
52	29407	DIFFERENTIAL CASE - INCLUDES FLANGED HALF, PLAIN HALF & ITEM 53	1	
53	29408	CAPSCREW	12	
54	29411	NUT	16	
55	29412	BOLT	16	
56	29413	BEARING CUP - L.H.	1	
57	29414	BEARING CONE - L.H.	1	
58	29415	BEARING ADJUSTER - L.H.	1	
59	29416	ADJUSTER LOCK - L.H.	1	
60	13A-0616	COTTER PIN	1	
61	50A-0912	BOLT	6	
62	14Q-09	LOCKWASHER	6	
63	37000	CARRIER ASSY. - INCLUDES ITEMS 64 TO 71	1	
64		BEARING CAP - NOT AVAILABLE SEPARATELY	2	
65	29418	PLUG - UPPER	1	
66	29419	PLUG - LOWER	1	
67	29420	COVER	1	
68	29429	CAPSCREW	4	
69	29430	WASHER	4	
70	50A-0707	BOLT	2	
71	14A-07	LOCKWASHER	2	
	37001	DIFFERENTIAL ASSY. - INCLUDES ITEMS 72 TO 77	1	
72	29423	RETAINER	2	
73	29424	SPRING	2	
74	29425	CLUTCH & HOLDOUT RING ASSY. - C/W ITEM 75	2	
75		HOLDOUT RING - NOT AVAILABLE SEPARATELY	2	
76	29426	SPIDER ASSY.	1	
77	37002	SIDE GEAR	2	
	29427	BEARING & SEAL KIT - INCLUDES ITEMS 37, 40 TO 43,46,48,49,56 &57	A.R.	
	29428	NUT & BOLT KIT - INCLUDES ITEMS 54 & 55	A.R.	



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

17945 TO 19473

700 SERIES
SERIE 700

SECTION 7 PAGE 7
SECCION 7 PAGINA 7

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3 REVISION A

FINAL DRIVE ASSEMBLY - SINGLE REDUCTION - Model 710/710A

NOVEMBER 1990

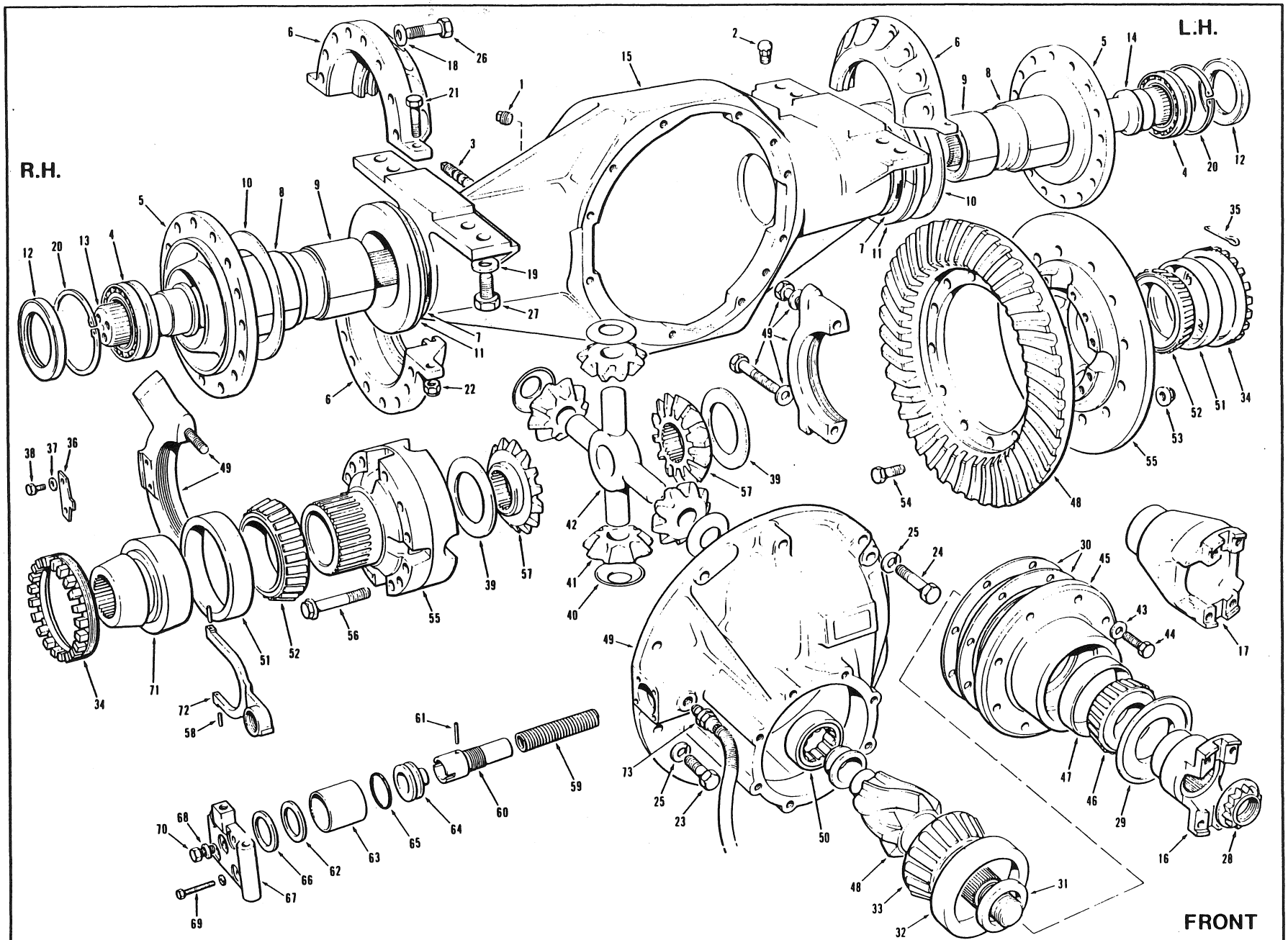
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

SECTION / SECCION 7 | PAGE / PAGINA 8 | ISSUE-No. / Nº D'ÉMISSION / Nº DE EDICION 3 REVISION A

FINAL DRIVE ASSEMBLY - SINGLE REDUCTION - Model 710/710A

NOVEMBER 1990

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	37729	FINAL DRIVE ASSY. - INCLUDES ITEMS 1 TO 79	1	
1	708	STUD	4	
2	4341	BREATHER	1	
3		YOKE	REF.	SECTION 9 PAGE 1/2
4	29050	SHIM	A.R.	
5	*58623	BUSHING	2	
6	33892	BEARING	2	
7	33894	OIL SEAL - OUTER	2	
8	35623	AXLE HOUSING	1	
9	35630	AXLE	2	
10	35631	SPACER	2	
11	35632	THRUST PLATE	16	
12	36251	STUD	4	
13	36252	WASHER	4	
14	37641	SHIM - .002	A.R.	
15	37643	SEAL	2	
16	37647	RETAINER - PIVOT RING	2	
17	37687	WEAR RING	4	
18	37731	PIVOT RING ASSY. - INCLUDES ITEM 5	2	
19	12A-041	O RING	2	
20	12A-452	O RING	2	
21	19B-550	SNAP RING	2	
22	29A-02	GREASE FITTING	2	
23	115E-06	PIPE PLUG	1	
24	115E-08	PIPE PLUG	1	
25	115E-16	PIPE PLUG	1	
26	41303	ELBOW	1	
27	52E-1004	CAPSCREW	32	
28	50A-1020	BOLT	4	
29	50D-1028	CAPSCREW	32	
30	51D-1016	CAPSCREW	40	
31	14A-10	LOCKWASHER	44	
32	30A-10	NUT	8	
33	31A-10	NUT	4	
34	50A-1626	BOLT	8	
35	36D-16	LOCKNUT	8	
36	13D-0808	DOWEL PIN	4	
	35633	DIFFERENTIAL HEAD ASSY. - INCLUDES ITEMS 37 TO 64	1	
37	29386	NUT	1	
38	29387	WASHER	1	
39	29388	OIL SEAL & RETAINER ASSY.	1	
40	29389	CAGE & CUP ASSY.	1	
41	29390	SHIM - .003"	A.R.	
	29391	SHIM - .005"	A.R.	
	29392	SHIM - .010"	A.R.	
	29393	SHIM - .020"	A.R.	
	29394	SHIM - .030"	A.R.	
42	29396	BEARING CUP - OUTER	1	
43	29397	BEARING CONE - OUTER	1	
44	29398	BEARING CUP - INNER	1	
45	29399	BEARING CONE - INNER	1	
46	29395	SPACER - 0.6365" THICK	A.R.	
	44203	SPACER - 0.634	A.R.	
	44204	SPACER - 0.635	A.R.	
	44205	SPACER - 0.636	A.R.	
	44206	SPACER - 0.637	A.R.	
	44207	SPACER - 0.638	A.R.	
	44208	SPACER - 0.639	A.R.	
	44209	SPACER - 0.640	A.R.	
	44210	SPACER - 0.641	A.R.	
	44211	SPACER - 0.642	A.R.	
	44212	SPACER - 0.643	A.R.	
47	29400	PINION & GEAR - MATCHED SET - C/W ITEM 37	1	
48	29401	BEARING	1	
49	29402	CAPSCREW	2	
50	29403	BEARING CUP - R.H.	1	
51	29404	BEARING CONE - R.H.	1	
52	29405	BEARING ADJUSTER - R.H.	1	
53	29406	ADJUSTER LOCK - R.H.	1	
54	29407	DIFFERENTIAL CASE - INCLUDES FLANGED HALF, PLAIN HALF & ITEM 55	1	
55	29408	CAPSCREW	12	
56	29411	NUT	16	
57	29412	BOLT	16	
58	29413	BEARING CUP - L.H.	1	
59	29414	BEARING CONE - L.H.	1	
60	29415	BEARING ADJUSTER - L.H.	1	
61	29416	ADJUSTER LOCK - L.H.	1	
62	13A-0616	COTTER PIN	1	
63	50A-0912	BOLT	6	
64	14Q-09	LOCKWASHER	6	
65	37000	CARRIER ASSY. - INCLUDES ITEMS 66 TO 73	1	
66		BEARING CAP - NOT AVAILABLE SEPARATELY	2	
67	29418	PLUG - UPPER	1	
68	29419	PLUG - LOWER	1	
69	29420	COVER	1	
70	29429	CAPSCREW	4	
71	29430	WASHER	4	
72	50A-0707	BOLT	2	
73	14A-07	LOCKWASHER	2	
	37001	DIFFERENTIAL ASSY. - INCLUDES ITEMS 74 TO 79	1	
74	29423	RETAINER	2	
75	29424	SPRING	2	
76	29425	CLUTCH & HOLDOUT RING ASSY. - C/W ITEM 77	2	
77		HOLDOUT RING - NOT AVAILABLE SEPARATELY	2	
78	29426	SPIDER ASSY.	1	
79	37002	SIDE GEAR	2	
	29427	BEARING & SEAL KIT - INCLUDES ITEMS 39, 42 TO 45,48,50,51,58 &59	A.R.	
	29428	NUT & BOLT KIT - INCLUDES ITEMS 56 & 57	A.R.	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **4 REVISION B**

FINAL DRIVE ASSEMBLY - Models 710 thru 720A

NOVEMBER 1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) **Models 720 & 720A: 19429, 19431,**
NUMERO(S) DE SÉRIE EFFECTIF(S) **19433, 19435 to 19438, 19440 &**
NUMERO(S) DE SERIE EFECTIVO(S) **19442 to 19640**
Models 710 & 710A: 19482 to 19575,
19577 to 19615, 19617, 19618,
19620 to 19625 & 19627 to 19696

700 SERIES
SERIE 700

SECTION 7 PAGE
SECCION 7 PAGINA 7

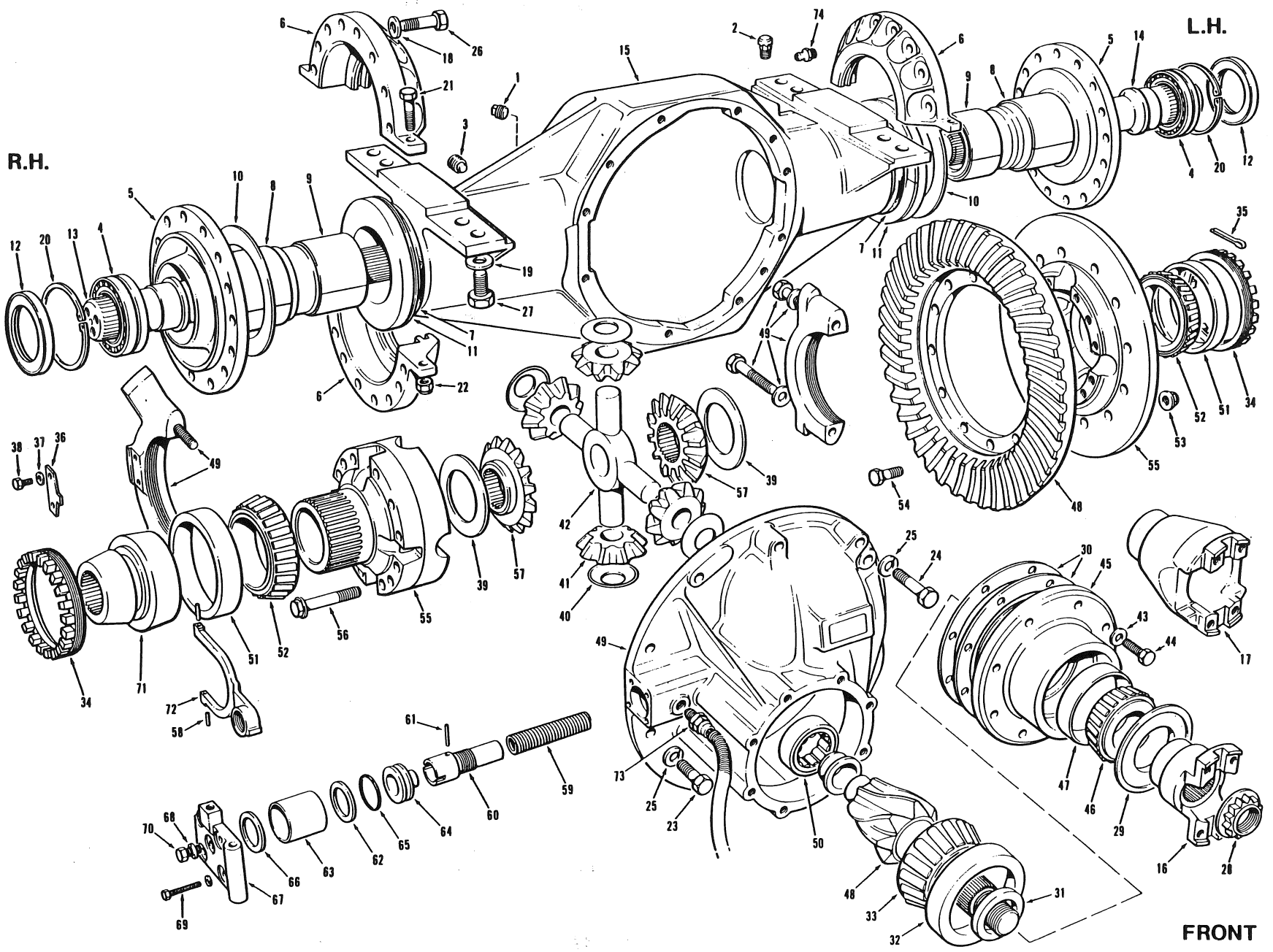
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SECTION / SECCION **7** PAGE / PAGINA **8** ISSUE No. / N° D'ÉMISSION / N° DE EDICION **4 REVISION B**

FINAL DRIVE ASSEMBLY - Models 710 thru 720A

NOVEMBER 1990

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	37620	FINAL DRIVE ASSY. - INCLUDES ITEMS 1 TO 16 & 18 TO 73	1	710/710A
	37624	FINAL DRIVE ASSY. - INCLUDES ITEMS 1 TO 15 & 17 TO 73	1	720/720A
1	3614	PLUG	1	
2	4341	BREATHER	1	
3	27449	PLUG	1	
4	33892	BEARING	2	
5	37575	FLANGED SLEEVE	2	
6	37577	SPLIT RING ASSY. - INCLUDES ITEMS 21 & 22	2	
7	37580	SEAL	2	
8	37582	BUSHING	2	
9	37583	BUSHING	2	
10	37584	THRUST PLATE - OUTER	2	
11	37585	THRUST PLATE - INNER	2	
12	37591	OIL SEAL	2	
13	*37616	AXLE SHAFT - L.H.	1	
14	*37617	AXLE SHAFT - R.H.	1	
15	37619	HOUSING	1	
16	37661	YOKE	1	710/710A
17	37662	YOKE	1	720/720A
18	37959	SPECIAL WASHER	32	
19	49301	SPECIAL WASHER	8	
20	19B-550	SNAP RING	2	
21	50A-0816	BOLT	4	
22	30D-08	NUT	4	
23	50A-1014	BOLT	8	
24	50A-1020	BOLT	12	
25	14S-10	SEALWASHER	12	
26	50A-1228	BOLT	32	
27	50A-1624	BOLT	8	
	37621	CARRIER ASSY. - INCLUDES ITEMS 28 TO 73	1	
28	49887	NUT	1	
29	49888	SEAL	1	
30	49892	SHIM - .003"	A.R.	
	49893	SHIM - .005"	A.R.	
	49894	SHIM - .008"	A.R.	
	49895	SHIM - .020"	A.R.	
31	49896	SPACER - .250"	A.R.	
	49897	SPACER - .251"	A.R.	
	49898	SPACER - .252"	A.R.	
	49899	SPACER - .253"	A.R.	
	49900	SPACER - .254"	A.R.	
31	49901	SPACER - .256"	A.R.	
	49902	SPACER - .260"	A.R.	
	49903	SPACER - .261"	A.R.	
	49904	SPACER - .262"	A.R.	
	49905	SPACER - .263"	A.R.	
32	49906	BEARING - CUP	1	
33	49907	BEARING - CONE	1	
34	49912	ADJUSTING RING	2	
35	49913	COTTER PIN	1	
36	49914	LOCK	1	
37	49915	WASHER	2	
38	49916	BOLT	2	
39	49924	WASHER	2	
40	49926	WASHER	4	
41	49927	PINION	4	
42	49928	SPIDER	1	
43	49930	WASHER	8	
44	49931	BOLT	8	
45	49948	CAGE - PINION	1	
46	49949	BEARING - CONE	1	
47	49950	BEARING - CUP	1	
48	49951	PINION & GEAR - MATCHED SET	1	
49	49952	DIFFERENTIAL CARRIER & CAP ASSY.	1	
50	49953	BEARING	1	
51	49954	BEARING - CUP	2	
52	49955	BEARING - CONE	2	
53	49956	NUT	12	
54	49957	BOLT	12	
55	49958	CASE & NEST ASSY.- INCLUDES ITEMS 39, 40, 41, 42, 55, 56 & 57	1	
56	49961	BOLT	12	
57	49962	SIDE GEAR	2	
		DIFFERENTIAL LOCK		
58	49935	PIN - ROLL	2	
59	49936	SPRING	1	
60	49937	SHAFT - SHIFTER	1	
61	49938	PIN - ROLL	1	
62	49939	WASHER	1	
63	49940	TUBE	1	
64	49941	PISTON	1	
65	49942	O RING	1	
66	49943	GASKET	1	
67	49944	COVER	1	
68	49945	GASKET	1	
69	49946	BOLT	4	
70	49947	BOLT	1	
71	49959	COLLAR	1	
72	49960	FORK	1	
73	49995	SWITCH - SENSOR	1	



EFFECTIVE SERIAL NUMBER(S) Models 710 & 710A: 19576, 19597,
NUMERO(S) DE SÉRIE EFFECTIF(S) 19616, 19619, 19626 TO 20717
NUMERO(S) DE SERIE EFECTIVO(S) Models 720 & 720A: 19641 TO20727

700 SERIES
SERIE 700

SECTION 7 PAGE
SECCION 7 PAGINA

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5 REVISION C

FINAL DRIVE ASSEMBLY - Models 710 thru 720A

NOVEMBER 1990

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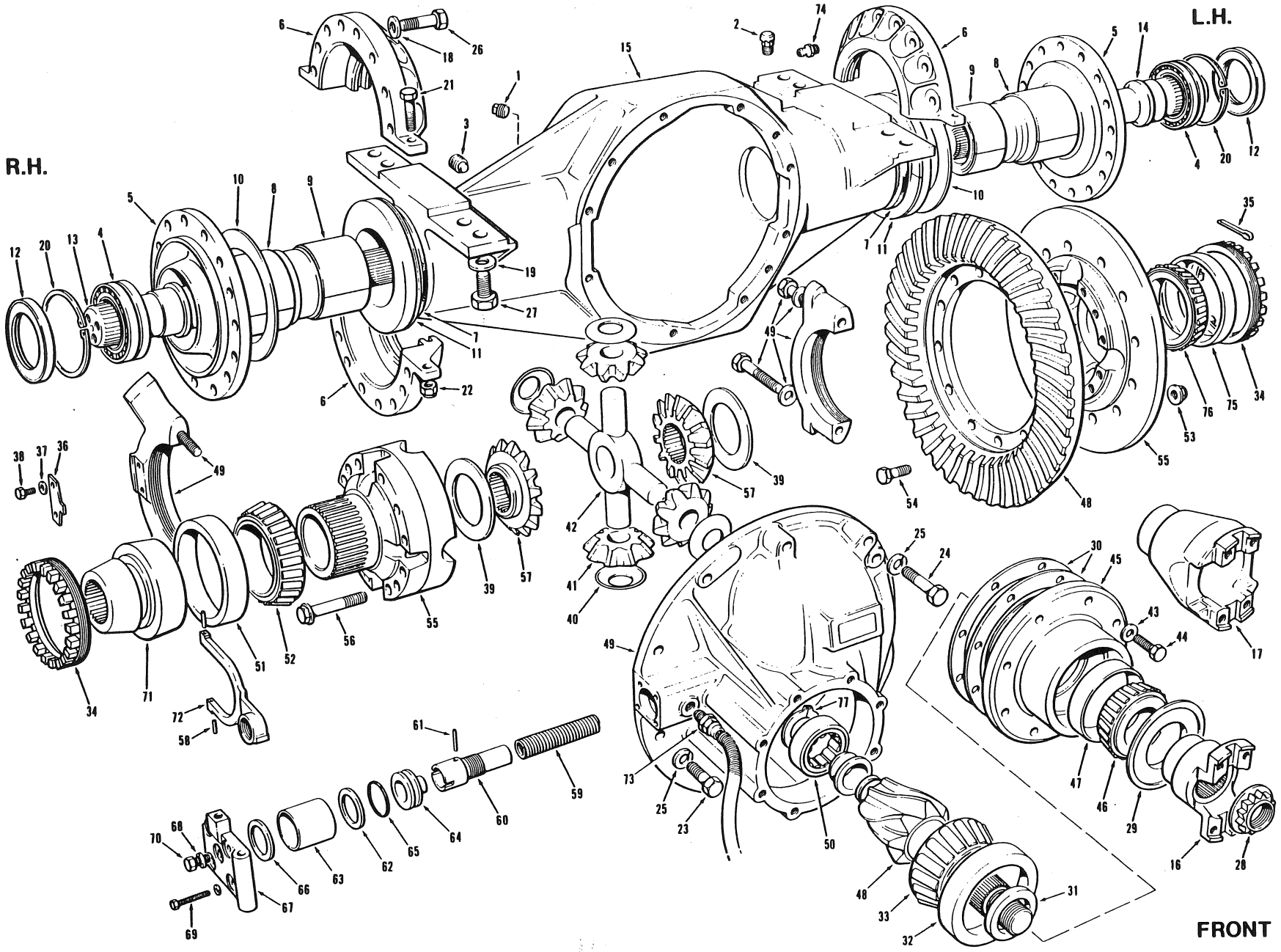
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SECTION / SECCION **7** PAGE / PAGINA **8** ISSUE No. / N° D'ÉMISSION / N° DE EDICION **5 REVISION C**

FINAL DRIVE ASSEMBLY - Models 710 thru 720A

NOVEMBER 1990

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	37620	**FINAL DRIVE ASSEMBLY - INCLUDES ITEMS 1 to 16 & 18 to 74**	1	710/710A
	37624	**FINAL DRIVE ASSEMBLY - INCLUDES ITEMS 1 to 15 & 17 to 74**	1	720/720A
1	3614	PLUG - MAGNETIC	1	
2	4341	BREATHER	1	
3	*877	PLUG - MAGNETIC	1	
4	33892	BEARING	2	
5	54524	FLANGED SLEEVE	2	
6	**55163**	**SPLIT RING ASSEMBLY** - INCLUDES ITEMS 21 & 22	2	
7	37580	SEAL	2	
8	37582	BUSHING	2	
9	37583	BUSHING	2	
10	37584	THRUST PLATE - OUTER	2	
11	37585	THRUST PLATE - INNER	2	
12	37591	OIL SEAL	2	
13	* 37616	AXLE SHAFT - L.H.	1	
14	* 37617	AXLE SHAFT - R.H.	1	
15	37619	HOUSING	1	
16	37661	YOKE	1	710/710A
17	37662	YOKE	1	720/720A
18	37959	SPECIAL WASHER	32	
19	49380	SPECIAL WASHER	8	
20	19B-550	SNAP RING	2	
21	50A-0812	BOLT	4	
22	30D-08	NUT	4	
23	50A-1014	BOLT	8	
24	50A-1032	BOLT	4	
25	14S-10	SEAL WASHER	8	
26	50A-1228	BOLT	32	
27	50A-1626	BOLT	8	
	38053	**CARRIER ASSEMBLY** - INCLUDES ITEMS 28 to 57	1	
28	49887	NUT	1	
29	49888	SEAL	1	
30	53385	SHIM - .003"	A.R.	
30	49893	SHIM - .005"	A.R.	
30	49894	SHIM - .008"	A.R.	
30	49895	SHIM - .020"	A.R.	
31	49896	SPACER - .250"	A.R.	
31	49897	SPACER - .251"	A.R.	
31	49898	SPACER - .252"	A.R.	
31	49899	SPACER - .253"	A.R.	
31	49900	SPACER - .254"	A.R.	
31	49901	SPACER - .256"	A.R.	
31	49902	SPACER - .260"	A.R.	
31	49903	SPACER - .261"	A.R.	
31	49904	SPACER - .262"	A.R.	
31	49905	SPACER - .263"	A.R.	
32	49906	BEARING - CUP	1	
33	49907	BEARING - CONE	1	
34	49912	ADJUSTING RING	2	
35	49913	COTTER PIN	1	
36	49914	LOCK	1	
37	49915	WASHER	2	
38	49916	BOLT	2	
39	49924	WASHER	2	
40	49926	WASHER	4	
41	49927	PINION	4	
42	49928	SPIDER	1	
43	49930	WASHER	8	
44	49931	BOLT	8	
45	49948	CAGE - PINION	1	
46	49949	BEARING - CONE	1	
47	49950	BEARING - CUP	1	
48	53386	PINION & GEAR - MATCHED SET	1	
49	**49952**	**DIFFERENTIAL CARRIER & CAP ASSEMBLY**	1	
50	53387	BEARING	1	
51	49954	BEARING - CUP	2	
52	49955	BEARING - CONE	2	
53	53388	NUT	12	
54	53389	BOLT	12	
55	**53390**	**CASE & NEST ASSEMBLY - INCLUDES ITEMS 39, 40, 41, 42, 55, 56 & 57**	1	
56	49961	BOLT	12	
57	49962	SIDE GEAR	2	
		DIFFERENTIAL LOCK		
58	53391	PIN - ROLL	2	
59	49936	SPRING	1	
60	49937	SHAFT - SHIFTER	1	
61	49938	PIN - ROLL	1	
62	49939	WASHER	1	
63	49940	TUBE	1	
64	49941	PISTON	1	
65	49942	O RING	1	
66	49943	GASKET - COPPER	1	
67	49944	COVER	1	
68	49945	GASKET	1	
69	49946	BOLT	4	
70	49947	BOLT	1	
71	49959	COLLAR	1	
72	49960	FORK	1	
73	49995	SWITCH - SENSOR	1	
74	29A-02	GREASE FITTING	2	



EFFECTIVE SERIAL NUMBER(S) 20729 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

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SECCION 7 PAGINA 7

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION

6 REVISION A

FINAL DRIVE ASSEMBLY - Models 710 thru 720A

NOVEMBER 1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

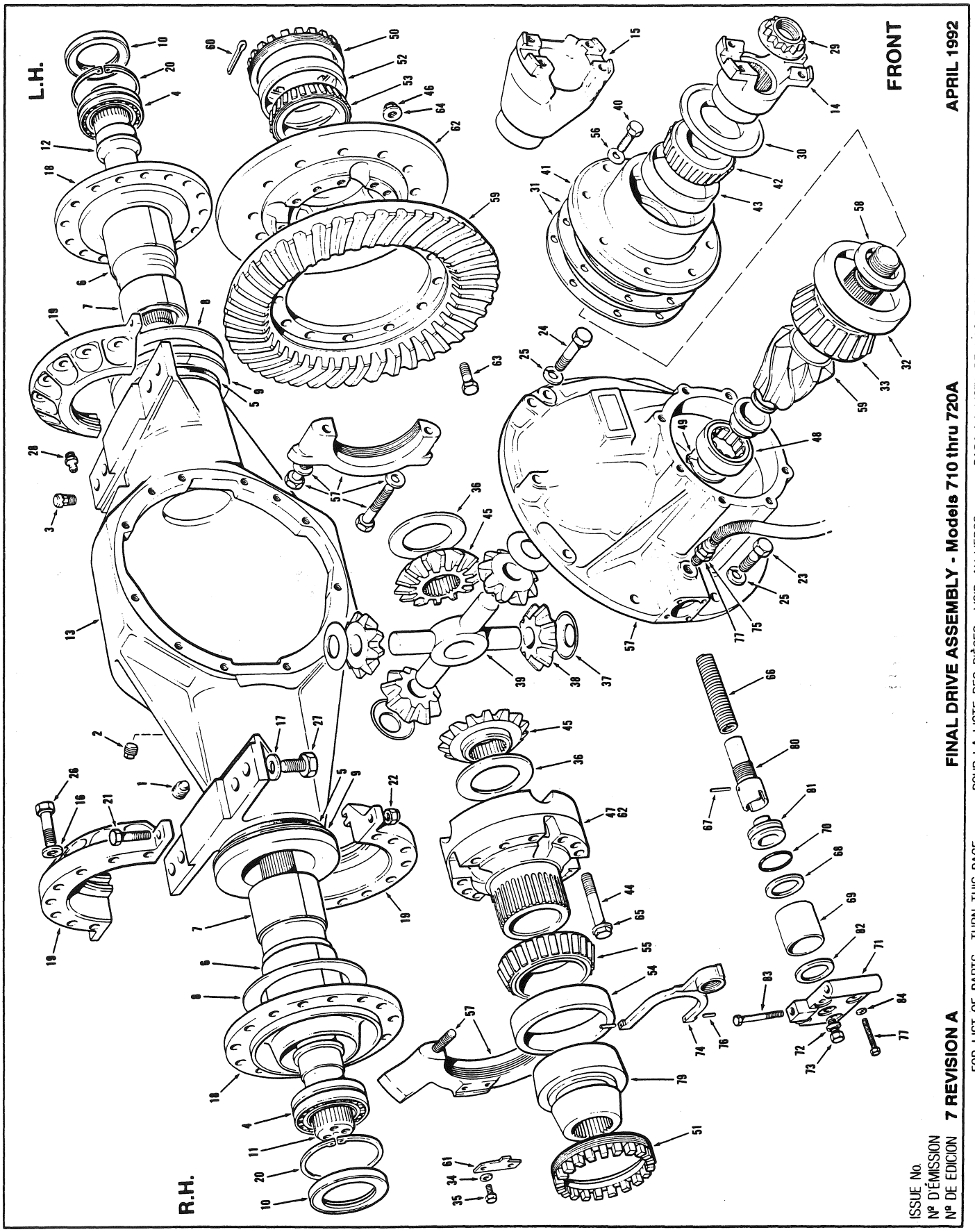
SECTION / SECCION 7 | PAGE / PAGINA 8 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 6 REVISION A

FINAL DRIVE ASSEMBLY - Models 710 thru 720A

NOVEMBER 1990

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	*56398	**FINAL DRIVE ASSEMBLY**	1	710/710A
		- INCLUDES ITEMS 1 TO 16 & 18 TO 77		
	56400	**FINAL DRIVE ASSEMBLY**	1	720/720A
		- INCLUDES ITEMS 1 TO 15 & 17 TO 77		
1	3614	PLUG - MAGNETIC	1	
2	4341	BREATHER	1	
3	877	PLUG - MAGNETIC	1	
4	33892	BEARING	2	
5	54524	FLANGED SLEEVE	2	
6	55163	**SPLIT RING ASSEMBLY** - INCLUDES ITEMS 21 & 22	2	
7	37580	SEAL	2	
8	37582	BUSHING	2	
9	37583	BUSHING	2	
10	37584	THRUST PLATE - OUTER	2	
11	37585	THRUST PLATE - INNER	2	
12	37591	OIL SEAL	2	
13	* 37616	AXLE SHAFT - L.H.	1	
14	* 37617	AXLE SHAFT - R.H.	1	
15	37619	HOUSING	1	
16	37661	YOKE	1	710/710A
17	37662	YOKE	1	720/720A
18	37959	SPECIAL WASHER	32	
19	49360	SPECIAL WASHER	8	
20	19B-550	SNAP RING	2	
21	50A-0812	BOLT	4	
22	30D-08	NUT	4	
23	50A-1014	BOLT	8	
24	50A-1032	BOLT	4	
25	14S-10	SEAL WASHER	8	
26	50A-1228	BOLT	32	
27	50A-1626	BOLT	8	
	56290	**CARRIER ASSEMBLY** - INCLUDES ITEMS 28 TO 57	1	
28	49887	NUT	1	
29	49888	SEAL	1	
30	53385	SHIM - .003"	A.R.	
	49893	SHIM - .005"	A.R.	
	49894	SHIM - .008"	A.R.	
	49895	SHIM - .020"	A.R.	
31	49896	SPACER - .250"	A.R.	
	49897	SPACER - .251"	A.R.	
	49898	SPACER - .252"	A.R.	
	49899	SPACER - .253"	A.R.	
	49900	SPACER - .254"	A.R.	
	49901	SPACER - .256"	A.R.	
	49902	SPACER - .260"	A.R.	
	49903	SPACER - .261"	A.R.	
	49904	SPACER - .262"	A.R.	
	49905	SPACER - .263"	A.R.	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
32	49906	BEARING - CUP	1	
33	49907	BEARING - CONE	1	
34	58373	ADJUSTING RING - L.H.	1	
	58374	ADJUSTING RING - R.H.	1	
35	49913	COTTER PIN	1	
36	49914	LOCK	1	
37	49915	WASHER	2	
38	49916	BOLT	2	
39	49924	WASHER	2	
40	49926	WASHER	4	
41	49927	PINION	4	
42	49928	SPIDER	1	
43	49930	WASHER	8	
44	49931	BOLT	8	
45	49948	CAGE - PINION	1	
46	49949	BEARING - CONE	1	
47	49950	BEARING - CUP	1	
48	58367	PINION & GEAR - MATCHED SET	1	
49	49952	**DIFFERENTIAL CARRIER & CAP ASSEMBLY**	1	
50	58371	BEARING	1	
51	* 58375	BEARING - CUP - L.H.	1	
52	58376	BEARING - CONE - L.H.	1	
53	53388	NUT	12	
54	53389	BOLT	12	
55	58370	**CASE & NEST ASSEMBLY**	1	
		- INCLUDES ITEMS 39, 40, 41, 42, 55, 56 & 57		
56	49961	BOLT	12	
57	49962	SIDE GEAR	2	
		DIFFERENTIAL LOCK		
58	53391	PIN - ROLL	2	
59	49936	SPRING	1	
60	49937	SHAFT - SHIFTER	1	
61	49938	PIN - ROLL	1	
62	49939	WASHER	1	
63	49940	TUBE	1	
64	49941	PISTON	1	
65	49942	O RING	1	
66	49943	GASKET - COPPER	1	
67	49944	COVER	1	
68	49945	GASKET	1	
69	49946	BOLT	4	
70	49947	BOLT	1	
71	58377	COLLAR	1	
72	49960	FORK	1	
73	49995	SWITCH - SENSOR	1	
74	29A-02	GREASE FITTING	2	
75	58388	BEARING - CUP - R.H.	1	
76	58389	BEARING - CONE - R.H.	1	
77	58372	SNAP RING	1	



EFFECTIVE SERIAL NUMBER(S) **21647 to 21854, 21867,**
NUMERO(S) DE SÉRIE EFFECTIF(S) **21872, 21906, 21907,**
NUMERO(S) DE SERIE EFECTIVO(S) **21910 to 21914 & 21921**

700 SERIES
SERIE 700

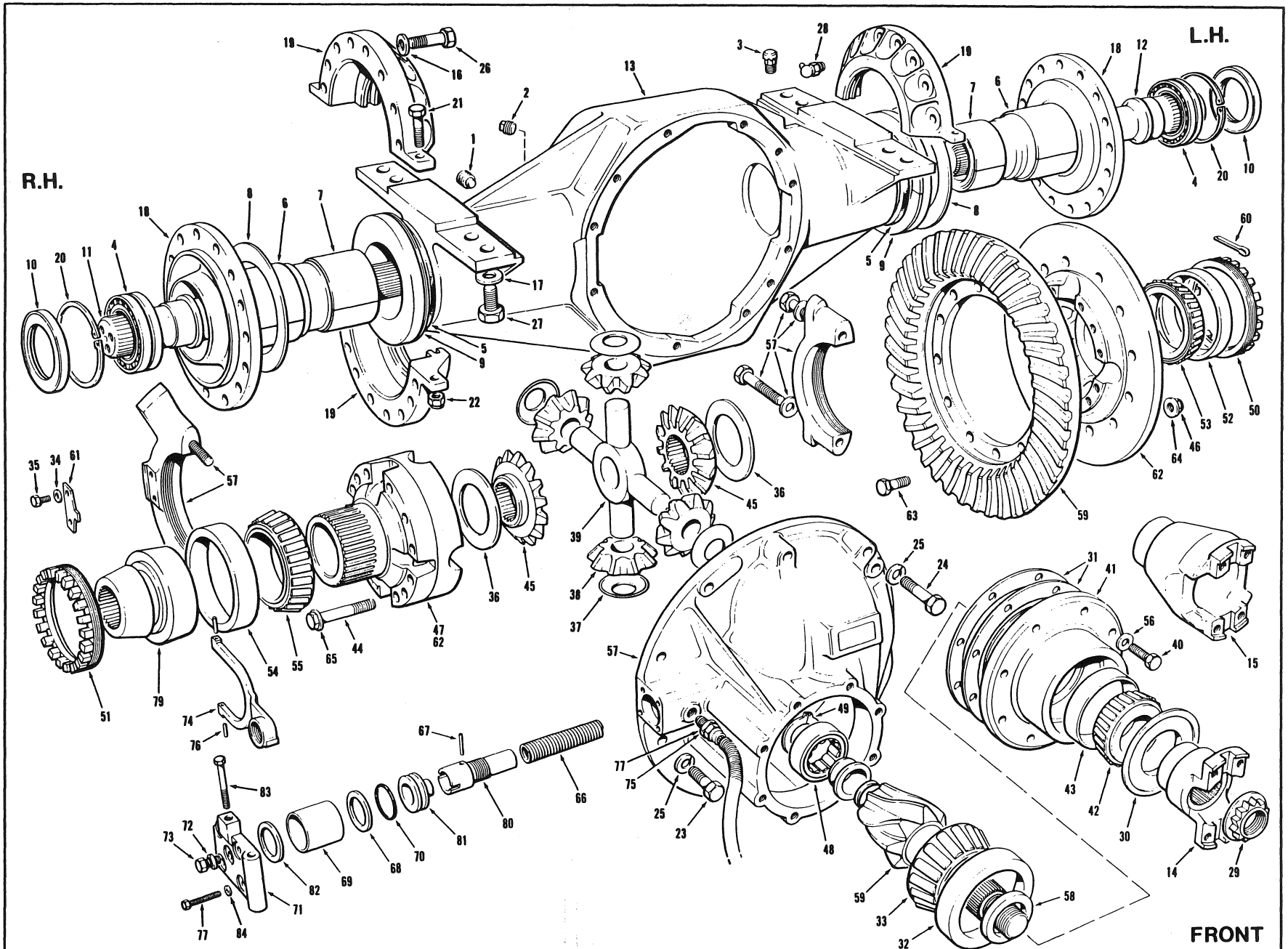
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SECCION PAGINA

SECTION / SECCION 7 | PAGE / PAGINA 8 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 7 REVISION A

FINAL DRIVE ASSEMBLY - Models 710 thru 720A

APRIL 1992

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	56398	**FINAL DRIVE ASSEMBLY - INCLUDES ITEMS 1 to 14 & 16 to 84**	1	710/710A
	56400	**FINAL DRIVE ASSEMBLY - INCLUDES ITEMS 1 to 13 & 15 to 84**	1	720/720A
1	877	PLUG - MAGNETIC	1	
2	3614	PLUG - MAGNETIC	1	
3	4341	BREATHER	1	
4	33892	BEARING	2	
5	37580	SEAL	2	
6	37582	BUSHING	2	
7	37583	BUSHING	2	
8	37584	THRUST PLATE - OUTER	2	
9	37585	THRUST PLATE - INNER	2	
10	37591	OIL SEAL	2	
11	37617	AXLE SHAFT - R.H.	1	
12	37616	AXLE SHAFT - L.H.	1	
13	37619	HOUSING	1	
14	37661	YOKE	1	710/710A
15	37662	YOKE	1	720/720A
16	37959	SPECIAL WASHER	32	
17	49380	SPECIAL WASHER	8	
18	54524	FLANGED SLEEVE	2	
19	55163	**SPLIT RING ASSEMBLY** - INCLUDES ITEMS 21 & 22	2	
20	19B-550	SNAP RING	2	
21	50A-0812	BOLT	4	
22	30D-08	NUT	4	
23	50A-1014	BOLT	8	
24	50A-1032	BOLT	4	
25	14S-10	SEAL WASHER	12	
26	50A-1228	BOLT	32	
27	50A-1622	BOLT	8	
28	29A-02	GREASE FITTING	2	
	56290	**CARRIER ASSEMBLY** - INCLUDES ITEMS 29 to 65	1	
29	49887	NUT	1	
30	49888	SEAL	1	
31	53385	SHIM - .003"	A.R.	
	49893	SHIM - .005"	A.R.	
	49894	SHIM - .008"	A.R.	
	49895	SHIM - .020"	A.R.	
32	49906	BEARING - CUP	1	
33	49907	BEARING - CONE	1	
34	49915	WASHER	2	
35	49916	BOLT	2	
36	49924	WASHER	2	
37	49926	WASHER	4	
38	49927	PINION	4	
39	49928	SPIDER	1	
40	49931	BOLT	8	
41	49948	CAGE - PINION	1	
42	49949	BEARING - CONE	1	
43	49950	BEARING - CUP	1	
44	49961	BOLT	12	
45	49962	SIDE GEAR	2	
46	53388	NUT	12	
47	**58370**	**CASE & NEST ASSEMBLY - INCLUDES ITEMS 36 to 39, 45, 46 & 62**	1	
48	58371	BEARING	1	
49	58372	SNAP RING	1	
50	58373	ADJUSTING RING - L.H.	1	
51	58374	ADJUSTING RING - R.H.	1	
52	58375	BEARING - CUP - L.H.	1	
53	58376	BEARING - CONE - L.H.	1	
54	58388	BEARING - CUP - R.H.	1	
55	58389	BEARING - CONE - R.H.	1	
56	*63082	WASHER	8	
57	*63096	**DIFFERENTIAL CARRIER & CAP ASSEMBLY**	1	
58	*63084	SPACER - .250"	A.R.	
	*63085	SPACER - .251"	A.R.	
	*63086	SPACER - .252"	A.R.	
	*63087	SPACER - .253"	A.R.	
	*63088	SPACER - .254"	A.R.	
	*63089	SPACER - .256"	A.R.	
	*63090	SPACER - .260"	A.R.	
	*63091	SPACER - .261"	A.R.	
	*63092	SPACER - .262"	A.R.	
	*63093	SPACER - .263"	A.R.	
	*63094	SPACER - .266"	A.R.	
59	*63095	PINION & GEAR - MATCHED SET	1	
60	*63097	COTTER PIN	1	
61	*63098	LOCK	1	
62	*63100	**CASE ASSEMBLY** - MATCHED SET - INCLUDES BOTH CASE HALVES & ITEMS 44 & 65	1	
63	*63103	BOLT	12	
64	*63104	WASHER	12	
65	*63105	WASHER	12	
		DIFFERENTIAL LOCK		
66	49936	SPRING	1	
67	49938	PIN - ROLL	1	
68	49939	WASHER	1	
69	49940	TUBE	1	
70	49942	O-RING	1	
71	49944	COVER	1	
72	49945	GASKET	1	
73	49947	BOLT	1	
74	49960	FORK	1	
75	49995	SWITCH - SENSOR	1	
76	53391	PIN - ROLL	2	
77	*63111	BOLT	4	
78	*63102	LOCKNUT	1	
79	*63106	COLLAR	1	
80	*63107	SHAFT - SHIFTER	1	
81	*63108	PISTON	1	
82	*63109	GASKET - COPPER	1	
83	*63110	BOLT - MANUAL ENGAGING	1	
84	*63112	WASHER	4	
		DIFFERENTIAL HYDRAULIC CIRCUIT	Ref.	Sect 7 Pg 17



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21855 to 21866, 21868 to 21871, 21873 to 21905, 21908, 21909, 21915 to 21920, 21922 & UP

700 SERIES
SERIE 700

SECTION 7 PAGE
SECCION 7 PAGINA 7

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **8**

FINAL DRIVE ASSEMBLY - Models 710 thru 720A

APRIL 1992

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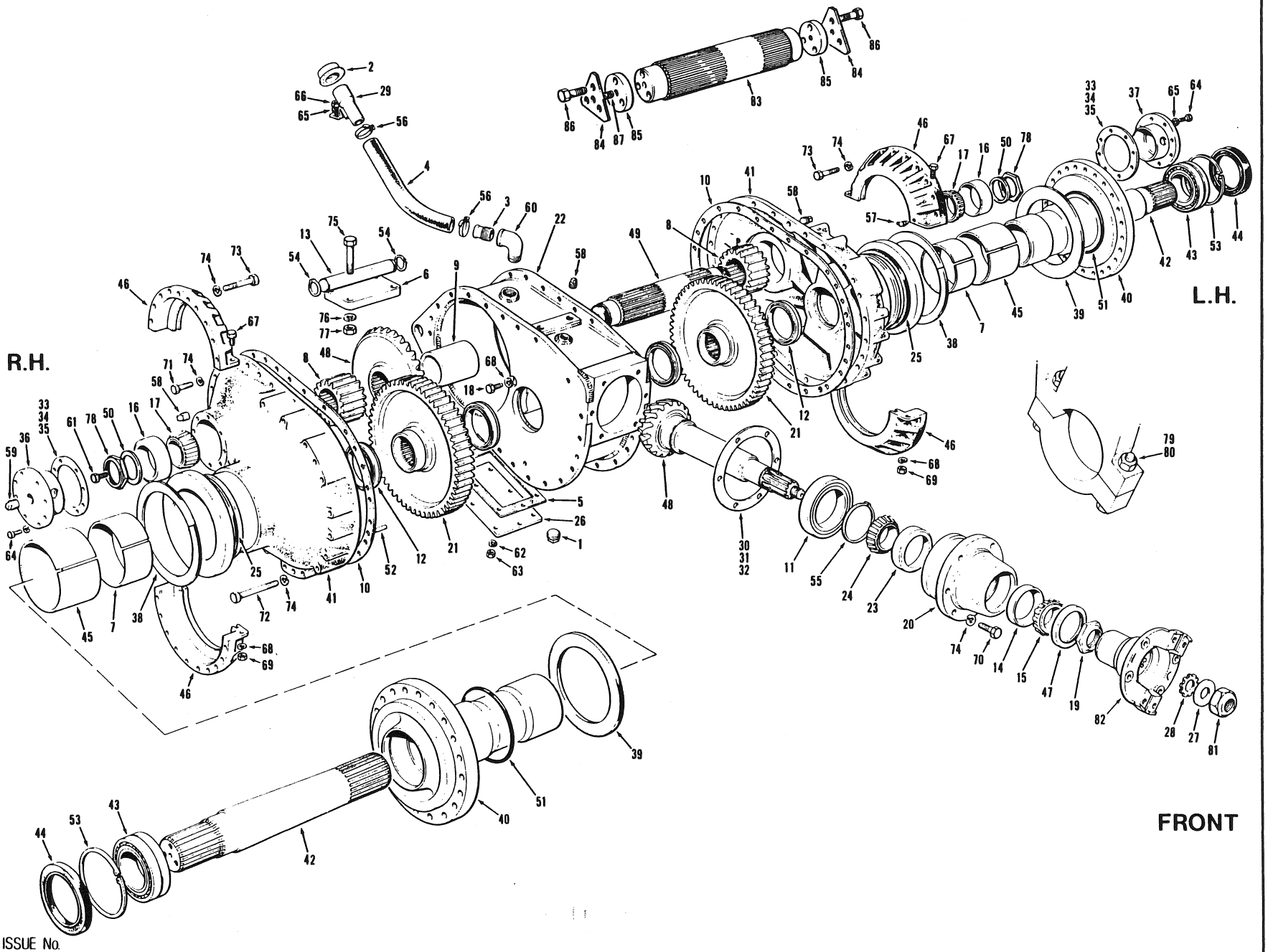
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SECTION / SECCION 7 | PAGE / PAGINA 8 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 8

FINAL DRIVE ASSEMBLY - Models 710 thru 720A

APRIL 1992

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	56398	**FINAL DRIVE ASSEMBLY - INCLUDES ITEMS 1 to 14 & 16 to 84**	1	710/710A
	56400	**FINAL DRIVE ASSEMBLY - INCLUDES ITEMS 1 to 13 & 15 to 84**	1	720/720A
1	877	PLUG - MAGNETIC	1	
2	3614	PLUG - MAGNETIC	1	
3	4341	BREATHER	1	
4	33892	BEARING	2	
5	37580	SEAL	2	
6	37582	BUSHING	2	
7	37583	BUSHING	2	
8	37584	THRUST PLATE - OUTER	2	
9	37585	THRUST PLATE - INNER	2	
10	37591	OIL SEAL	2	
11	37617	AXLE SHAFT - R.H.	1	
12	37616	AXLE SHAFT - L.H.	1	
13	37619	HOUSING	1	
14	37661	YOKE	1	710/710A
15	37662	YOKE	1	720/720A
16	37959	SPECIAL WASHER	32	
17	49380	SPECIAL WASHER	8	
18	54524	FLANGED SLEEVE	2	
19	55163	**SPLIT RING ASSEMBLY** - INCLUDES ITEMS 21 & 22	2	
20	19B-550	SNAP RING	2	
21	50A-0812	BOLT	4	
22	30D-08	NUT	4	
23	50A-1014	BOLT	8	
24	50A-1032	BOLT	4	
25	14S-10	SEAL WASHER	12	
26	50A-1228	BOLT	32	
27	50A-1622	BOLT	8	
28	*29B-02	GREASE FITTING	2	
	*65594	**CARRIER ASSEMBLY** - INCLUDES ITEMS 29 to 65	1	
29	49887	NUT	1	
30	49888	SEAL	1	
31	53385	SHIM - .003"	A.R.	
	49893	SHIM - .005"	A.R.	
	49894	SHIM - .008"	A.R.	
	49895	SHIM - .020"	A.R.	
32	49906	BEARING - CUP	1	
33	49907	BEARING - CONE	1	
34	49915	WASHER	2	
35	49916	BOLT	2	
36	49924	WASHER	2	
37	49926	WASHER	4	
38	49927	PINION	4	
39	49928	SPIDER	1	
40	49931	BOLT	8	
41	49948	CAGE - PINION	1	
42	49949	BEARING - CONE	1	
43	49950	BEARING - CUP	1	
44	49961	BOLT	12	
45	49962	SIDE GEAR	2	
46	53388	NUT	12	
47	58370	**CASE & NEST ASSEMBLY - INCLUDES ITEMS 36 to 39, 45, 46 & 62**	1	
48	58371	BEARING	1	
49	58372	SNAP RING	1	
50	58373	ADJUSTING RING - L.H.	1	
51	58374	ADJUSTING RING - R.H.	1	
52	58375	BEARING - CUP - L.H.	1	
53	58376	BEARING - CONE - L.H.	1	
54	58388	BEARING - CUP - R.H.	1	
55	58389	BEARING - CONE - R.H.	1	
56	63082	WASHER	8	
57	*63083	**DIFFERENTIAL CARRIER & CAP ASSEMBLY**	1	
58	63084	SPACER - .250"	A.R.	
	63085	SPACER - .251"	A.R.	
	63086	SPACER - .252"	A.R.	
	63087	SPACER - .253"	A.R.	
	63088	SPACER - .254"	A.R.	
	63089	SPACER - .256"	A.R.	
	63090	SPACER - .260"	A.R.	
	63091	SPACER - .261"	A.R.	
	63092	SPACER - .262"	A.R.	
	63093	SPACER - .263"	A.R.	
	63094	SPACER - .266"	A.R.	
59	63095	PINION & GEAR - MATCHED SET	1	
60	63097	COTTER PIN	1	
61	63098	LOCK	1	
62	63100	**CASE ASSEMBLY** - MATCHED SET - INCLUDES BOTH CASE HALVES & ITEMS 44 & 65	1	
63	63103	BOLT	12	
64	63104	WASHER	12	
65	63105	WASHER	12	
		DIFFERENTIAL LOCK		
66	49936	SPRING	1	
67	49938	PIN - ROLL	1	
68	49939	WASHER	1	
69	49940	TUBE	1	
70	49942	O-RING	1	
71	49944	COVER	1	
72	49945	GASKET	1	
73	49947	BOLT	1	
74	49960	FORK	1	
75	49995	SWITCH - SENSOR	1	
76	53391	PIN - ROLL	2	
77	*63099	BOLT	4	
78	63102	LOCKNUT	1	
79	63106	COLLAR	1	
80	63107	SHAFT - SHIFTER	1	
81	63108	PISTON	1	
82	63109	GASKET - COPPER	1	
83	63110	BOLT - MANUAL ENGAGING	1	
84	63112	WASHER	4	
		DIFFERENTIAL HYDRAULIC CIRCUIT	Ref.	Sect 7 Pg 17



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FINAL DRIVE ASSEMBLY - DOUBLE REDUCTION

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

MAY 1985

EFFECTIVE SERIAL NUMBER(S) 16224, 16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

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SECCION 7 PAGINA 9

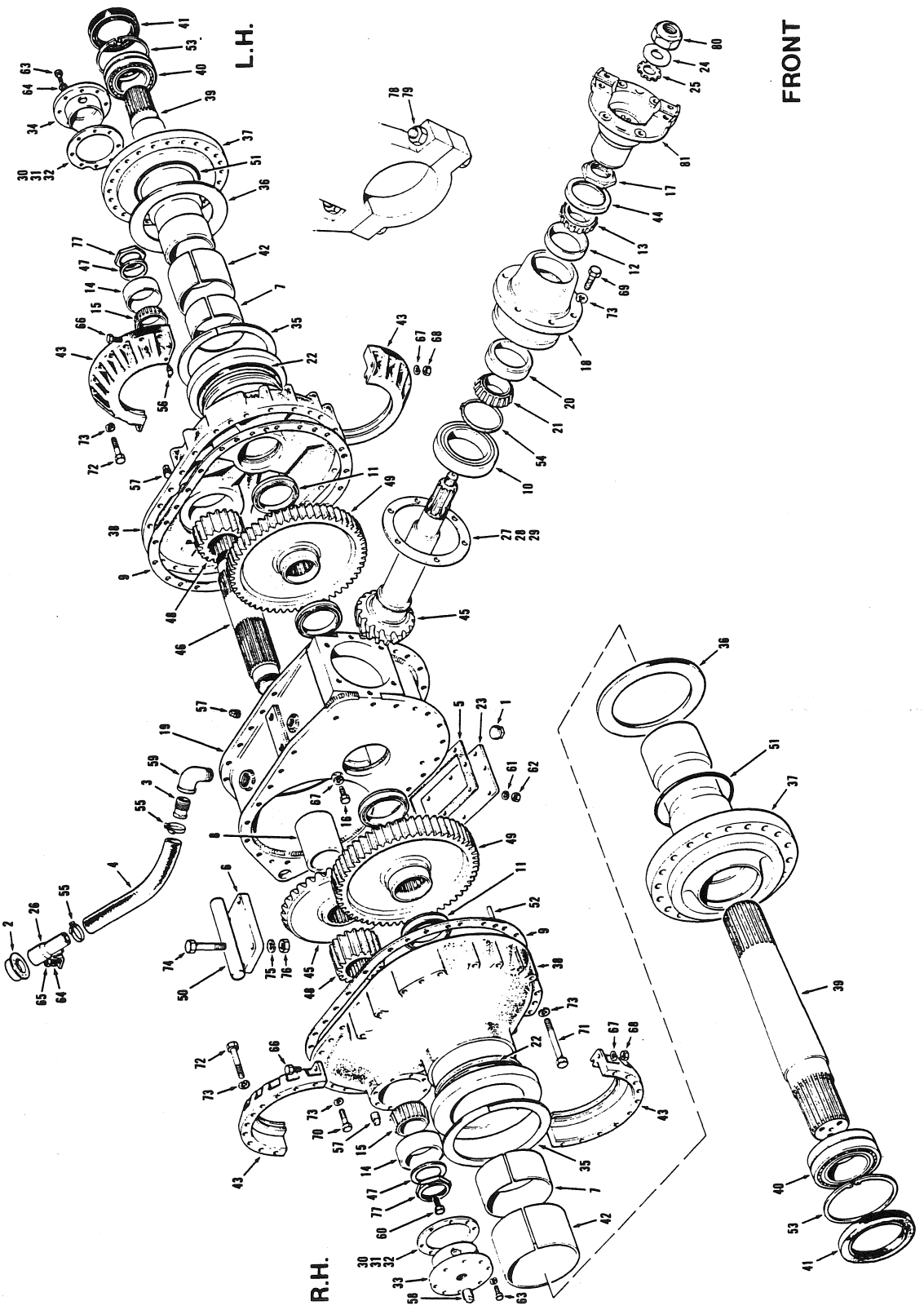
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FINAL DRIVE ASSEMBLY - DOUBLE REDUCTION

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
	29968	FINAL DRIVE ASSEMBLY	1	
1	3614	MAGNETIC PLUG	1	
2	5888	BREATHER CAP	1	
3	8572-4	NIPPLE	1	
4	8585 X 28	HOSE	1	
5	11448	GASKET	1	
6	12125-28	MOUNTING PLATE	1	
7	12638	BUSHING	2	
8	12642	SPUR PINION	2	
9	12644	SPACER	1	
10	12649	GASKET	2	
11	12655	BEARING	1	
12	12660	BEARING	4	
13	12674	PIN	1	
14	16727	BEARING CUP	1	
15	16728	BEARING CONE	1	
16	16729	BEARING CUP	2	
17	16730	BEARING CONE	2	
18	16885	SCREW	1	
19	16941	NUT	1	
20	16968	CAP - PINION	1	
21	16970	BULL GEAR	2	
22	16972	MAIN CASE	1	
23	18446	BEARING CUP	1	
24	18447	BEARING CONE	1	
25	19677	SEAL	2	
26	19827	COVER PLATE	1	
27	25287	WASHER	1	
28	27341	WASHER	1	
29	28010	PIPE	1	
30	29187	SHIM - .005"	A.R.	
31	29188	SHIM - .007"	A.R.	
32	29189	SHIM - .020"	A.R.	
33	29191	SHIM - .005"	A.R.	
34	29192	SHIM - .007"	A.R.	
35	29193	SHIM - .020"	A.R.	
36	29468	CAP - CROSS SHAFT - R.H.	1	
37	29469	CAP - CROSS SHAFT - L.H.	1	
38	29483	THRUST PLATE - INNER	2	
39	29484	THRUST PLATE - OUTER	2	
40	29485	FLANGED SLEEVE	2	
41	29487	SIDE HOUSING	2	
42	29490	DRIVE AXLE	2	
43	29494	BEARING	2	
44	29495	OIL SEAL	2	
45	29496	BUSHING	2	
46	29507	HALF RING ASSY. - INCLUDES ITEMS 67 TO 69	2	
47	29583	OIL SEAL	1	
48	29585	SPIRAL PINION GEAR - 34 TEETH } MATCHED SET SPIRAL PINION SHAFT - 12 TEETH } MATCHED SET	1 1	
49	29930	CROSS SHAFT	1	
50	29931	SPACER - BEARING	2	
51	12A-369	O RING	2	
52	13D-1624	DOWEL PIN	4	
53	19B-625	SNAP RING	2	
54	19C-150	SNAP RING	2	
55	19F-105	SNAP RING	1	
56	22B-28	CLAMP	2	
57	29B-02	GREASE FITTING	2	
58	115E-08	PIPE PLUG	3	
59	115E-16	PIPE PLUG	1	
60	115J-16	ELBOW	1	
61	50D-0504	BOLT	1	
62	14A-05	LOCKWASHER	8	
63	30A-05	NUT	8	
64	50A-0612	BOLT	16	
65	14A-06	LOCKWASHER	17	
66	30A-06	NUT	1	
67	50A-0810	BOLT	4	
68	14A-08	LOCKWASHER	5	
69	30D-08	NUT	4	
70	50A-1014	BOLT	6	
71	50A-1016	BOLT	20	
72	50A-1038	BOLT	22	
73	51A-1024	BOLT	44	
74	14A-10	LOCKWASHER	88	
75	50A-1236	BOLT	4	
76	14A-12	LOCKWASHER	4	
77	30A-12	NUT	4	
78	36S-14	LOCKNUT	2	
79	50A-1856	BOLT	4	
80	30A-18	NUT	4	
81	37H-20	LOCKNUT	1	
82		BRAKE FLANGE YOKE	REF.	SECTION 9 PAGE 1/2
		CROSS SHAFT ASSEMBLY		
		UP TO SERIAL No. 16474, 16476 TO 16478, 16480 TO 16482, 16488, 16491 TO 16497, 16500, 16502, 16505, 16508, 16509, 16512 TO 16514, 16517, 16521, 16526, 16527, 16529, 16530, 16532 TO 16544, 16551, 16553		
		UP TO U.S. S/N 2281-2		
83	12643	CROSS SHAFT	1	
84	12653	TAB WASHER	2	
85	29183	END CAP	2	
86	50A-0812	BOLT	6	
87	70E-1012	SET SCREW	1	

CHAMPION ROAD MACHINERY



FINAL DRIVE ASSEMBLY - DOUBLE REDUCTION

DECEMBER 1986

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION A

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

U.S. 2507-2
TO 2622-2

16814, 16868 TO 16872,
16878 TO 16898,
16935 TO 17726
TO 17728 & 17732

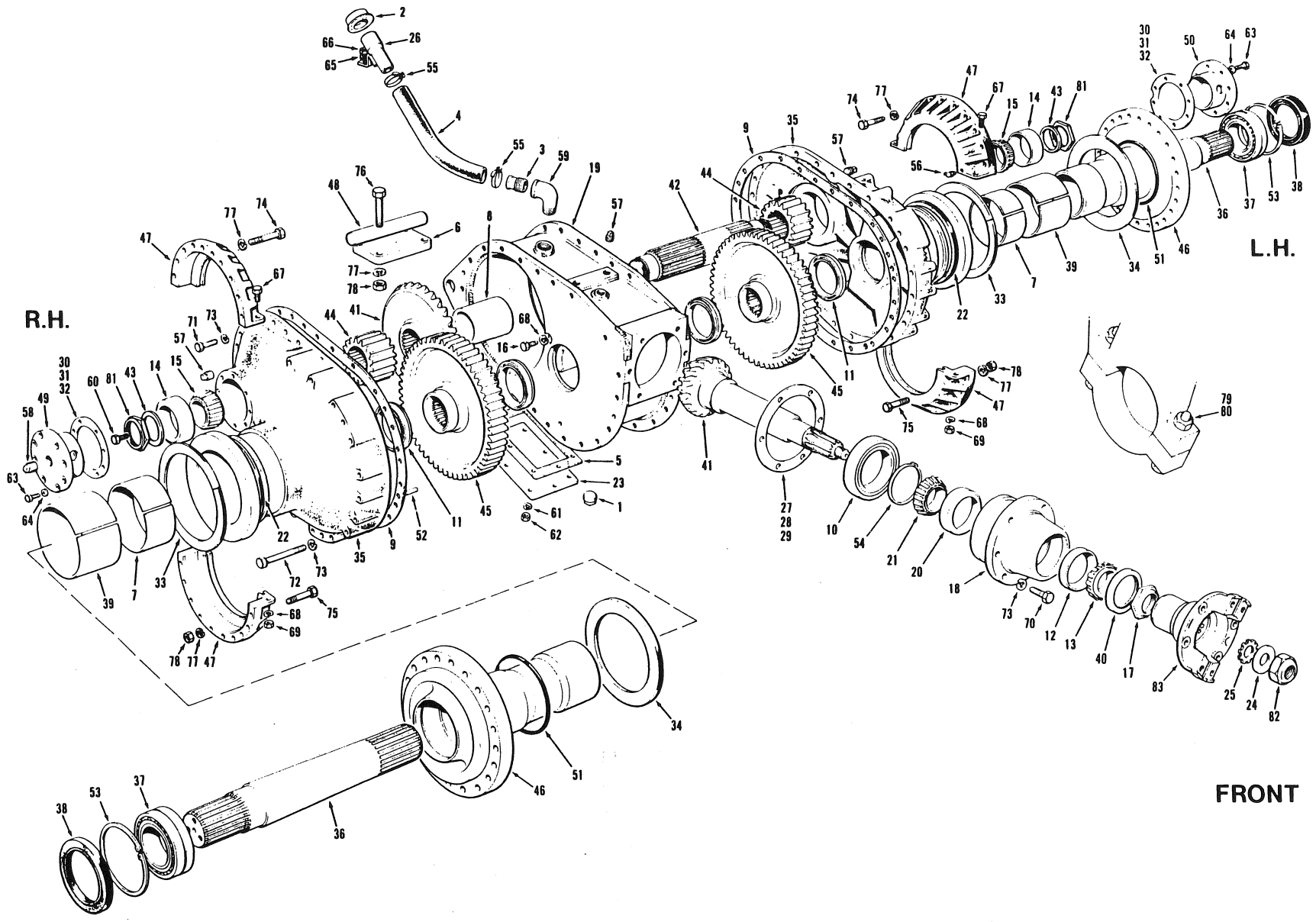
700 SERIES
SERIE 700

SECTION 7 PAGE 9
SECCION PAGINA

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

FINAL DRIVE ASSEMBLY - DOUBLE REDUCTION

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	37551	FINAL DRIVE ASSEMBLY	1	
1	3614	MAGNETIC PLUG	1	
2	5888	BREATHER CAP	1	
3	8572-4	NIPPLE	1	
4	8585 X 28	HOSE	1	
5	11448	GASKET	1	
6	12125-28	MOUNTING PLATE	1	
7	12638	BUSHING	2	
8	12644	SPACER	1	
9	12649	GASKET	2	
10	12655	BEARING	1	
11	12660	BEARING	4	
12	16727	BEARING CUP	1	
13	16728	BEARING CONE	1	
14	16729	BEARING CUP	2	
15	16730	BEARING CONE	2	
16	16885	SCREW	1	
17	16941	NUT	1	
18	16968	CAP - PINION	1	
19	16972	MAIN CASE	1	
20	18446	BEARING CUP	1	
21	18447	BEARING CONE	1	
22	19677	SEAL	2	
23	19827	COVER PLATE	1	
24	25287	WASHER	1	
25	27341	WASHER	1	
26	28010	PIPE	1	
27	29187	SHIM - .005"	A.R.	
28	29188	SHIM - .007"	A.R.	
29	29189	SHIM - .020"	A.R.	
30	29191	SHIM - .005"	A.R.	
31	29192	SHIM - .007"	A.R.	
32	29193	SHIM - .020"	A.R.	
33	29468	CAP - CROSS SHAFT - R.H.	1	
34	29469	CAP - CROSS SHAFT - L.H.	1	
35	29483	THRUST PLATE - INNER	2	
36	29484	THRUST PLATE - OUTER	2	
37	29485	FLANGED SLEEVE	2	
38	29487	SIDE HOUSING	2	
39	29490	DRIVE AXLE	2	
40	29494	BEARING	2	
41	29495	OIL SEAL	2	
42	29496	BUSHING	2	
43	29507	HALF RING ASSY. - INCLUDES ITEMS 66 TO 68	2	
44	29583	OIL SEAL	1	
45	29585	SPIRAL PINION GEAR - 34 TEETH MATCHED	1	
		SPIRAL PINION SHAFT - 12 TEETH SET	1	
46	29930	CROSS SHAFT	1	
47	29931	SPACER - BEARING	2	
48	29950	SPUR PINION	2	
49	29951	BULL GEAR	2	
50	43688	PIN	1	
51	12A-369	O RING	2	
52	13D-1624	DOWEL PIN	4	
53	19B-625	SNAP RING	2	
54	19F-105	SNAP RING	1	
55	22B-28	CLAMP	2	
56	29B-02	GREASE FITTING	2	
57	115E-08	PIPE PLUG	3	
58	115E-16	PIPE PLUG	1	
59	115J-16	ELBOW	1	
60	50D-0504	BOLT	1	
61	14A-05	LOCKWASHER	8	
62	30A-05	NUT	8	
63	50A-0612	BOLT	16	
64	14A-06	LOCKWASHER	17	
65	30A-06	NUT	1	
66	50A-0810	BOLT	4	
67	14A-08	LOCKWASHER	5	
68	30D-08	NUT	4	
69	50A-1014	BOLT	6	
70	50A-1016	BOLT	20	
71	50A-1038	BOLT	22	
72	51A-1024	BOLT	44	
73	14A-10	LOCKWASHER	88	
74	50A-1236	BOLT	4	
75	14A-12	LOCKWASHER	4	
76	30A-12	NUT	4	
77	36S-14	LOCKNUT	2	
78	50A-1856	BOLT	4	
79	30A-18	NUT	4	
80	37H-20	LOCKNUT	1	
81		BRAKE FLANGE YOKE	REF.	SECTION 9 PAGE 1/2



EFFECTIVE SERIAL NUMBER(S) 17723 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2623-2 to 2658-2

700 SERIES
SERIE 700

SECTION 7 PAGE 9
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3 REVISION A

FINAL DRIVE ASSEMBLY - DOUBLE REDUCTION

JULY 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

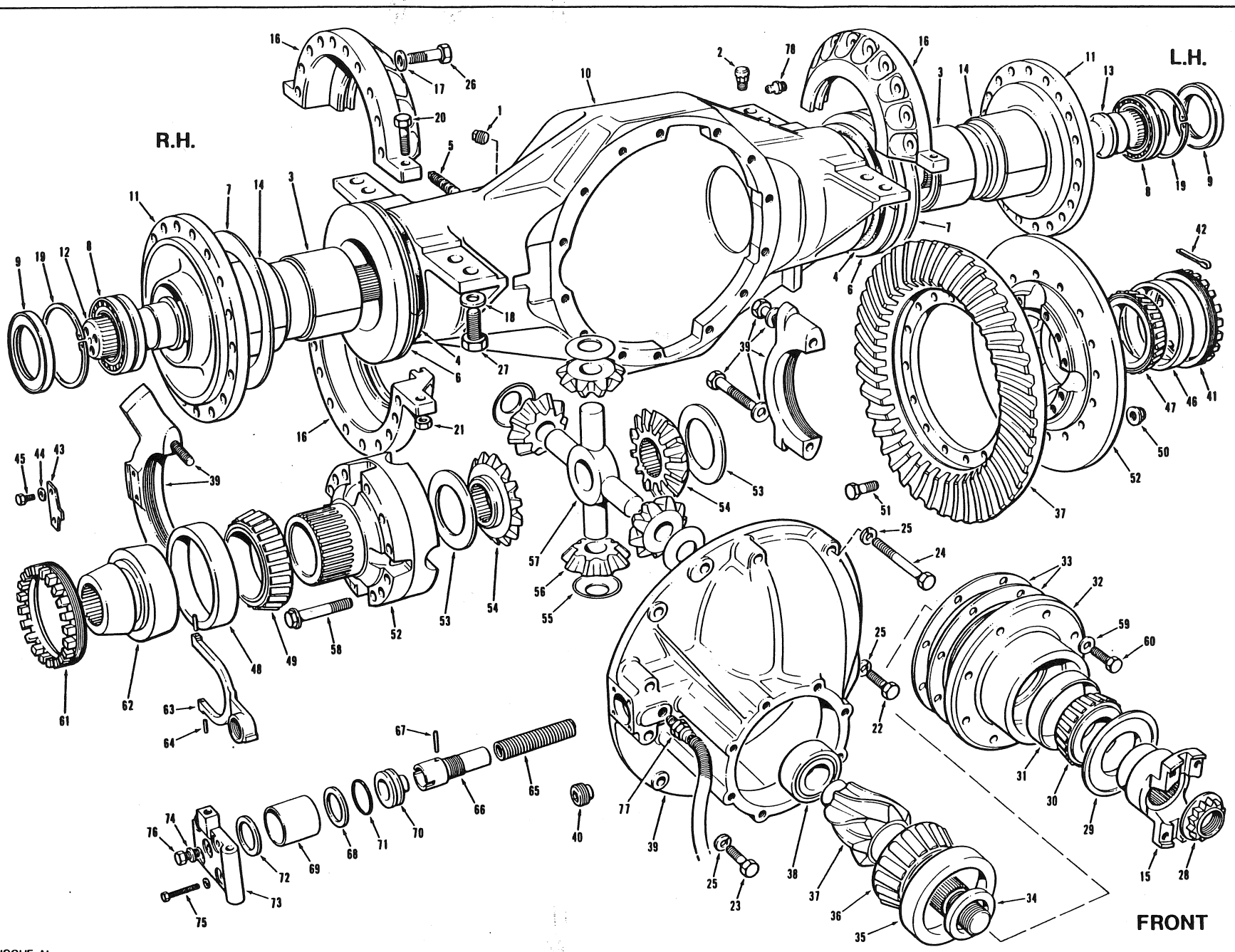
FINAL DRIVE ASSEMBLY - DOUBLE REDUCTION

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	37598	**FINAL DRIVE ASSEMBLY - INCLUDES ITEMS 1, 3, 5, 7 TO 47, 49 TO 54, 56 TO 65, 67 TO 73, 81 & 82**	1	
1	3614	MAGNETIC PLUG	1	
2	5888	BREATHER CAP	1	
3	8572-4	NIPPLE	1	
4	*8585 x 26.5	HOSE	1	
5	11448	GASKET	1	
6	12125-28	MOUNTING PLATE	1	
7	12638	BUSHING	2	
8	12644	SPACER	1	
9	12649	GASKET	2	
10	12655	BEARING	1	
11	12660	BEARING	4	
12	16727	BEARING CUP	1	
13	16728	BEARING CONE	1	
14	16729	BEARING CUP	2	
15	16730	BEARING CONE	2	
16	16885	SCREW	1	
17	16941	NUT	1	
18	16968	CAP - PINION	1	
19	16972	MAIN CASE	1	
20	18446	BEARING CUP	1	
21	18447	BEARING CONE	1	
22	19677	SEAL	2	
23	19827	COVER PLATE	1	
24	25287	WASHER	1	
25	27341	WASHER	1	
26	*51592	PIPE	1	
27	29187	SHIM - .005"	A.R.	
28	29188	SHIM - .007"	A.R.	
29	29189	SHIM - .020"	A.R.	
30	29191	SHIM - .005"	A.R.	
31	29192	SHIM - .007"	A.R.	
32	29193	SHIM - .020"	A.R.	
33	29483	THRUST PLATE - INNER	2	
34	29484	THRUST PLATE - OUTER	2	
35	29487	SIDE HOUSING	2	
36	29490	DRIVE AXLE	2	
37	29494	BEARING	2	
38	29495	OIL SEAL	2	
39	29496	BUSHING	2	
40	29583	OIL SEAL	1	
41	29585	SPIRAL PINION GEAR - 34 TEETH } MATCHED	1	
		SPIRAL PINION SHAFT - 12 TEETH } SET	1	
42	29930	CROSS SHAFT	1	
43	29931	SPACER - BEARING	2	
44	29950	SPUR PINION	2	
45	29951	BULL GEAR	2	
46	37436	FLANGED SLEEVE	2	
47	37437	HALF RING ASSEMBLY - INCLUDES ITEMS 67 TO 69	2	
48	43688	PIN	1	
49	44824	CAP - CROSS SHAFT - R.H.	1	
50	44825	CAP - CROSS SHAFT - L.H.	1	
51	12A-369	O RING	2	
52	13D-1624	DOWEL PIN	4	
53	19B-625	SNAP RING	2	
54	19F-105	SNAP RING	1	
55	22B-28	CLAMP	1	
56	29B-02	GREASE FITTING	2	
57	115E-08	PIPE PLUG	2	
58	115E-16	PIPE PLUG	1	
59	115J-1616	ELBOW	1	
60	50D-0504	BOLT	1	
61	14A-05	LOCKWASHER	8	
62	30A-05	NUT	8	
63	50A-0612	BOLT	16	
64	14S-06	SEAL WASHER	16	
65	14A-06	LOCKWASHER	1	
66	30A-06	NUT	1	
67	50A-0810	BOLT	4	
68	14A-08	LOCKWASHER	5	
69	30D-08	NUT	4	
70	50A-1012	BOLT	6	
71	50A-1016	BOLT	20	
72	50A-1038	BOLT	22	
73	14A-10	LOCKWASHER	48	
74	50A-1224	BOLT	22	
75	50A-1230	BOLT	18	
76	50A-1236	BOLT	4	
77	14A-12	LOCKWASHER	44	
78	30A-12	NUT	22	
79	50A-1856	BOLT	4	
80	30A-18	NUT	4	
81	36S-14	LOCKNUT	2	
82	37H-20	LOCKNUT	1	
83		BRAKE FLANGE YOKE	REF.	SECTION 9 PAGE 2

EFFECTIVE SERIAL NUMBER(S) 19425, 20718 & 20731
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 7 PAGE 9
SECCION 7 PAGINA 9



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4 REVISION C

FINAL DRIVE ASSEMBLY - Models 730 & 730A

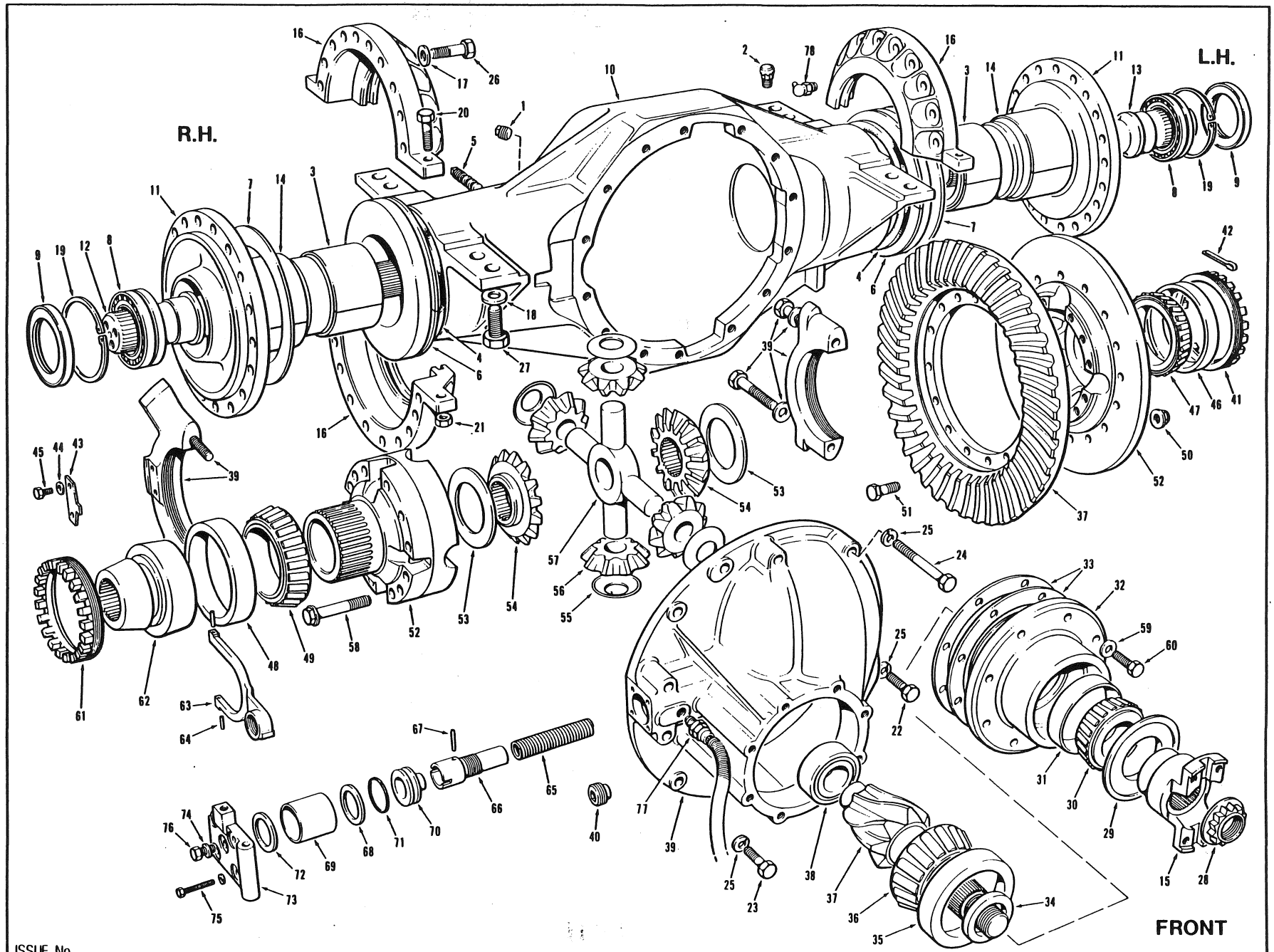
NOVEMBER 1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	37595	**FINAL DRIVE ASSEMBLY - INCLUDES ITEMS 1 TO 78**	1	
1	3614	PLUG - MAGNETIC	1	
2	4341	BREATHER	1	
3	12638	BUSHING	2	
4	19677	SEAL	2	
5	27449	PLUG - MAGNETIC	1	
6	29483	THRUST PLATE - INNER	2	
7	56768	THRUST PLATE - OUTER	2	
8	33892	BEARING	2	
9	37591	OIL SEAL - OUTER	2	
10	37594	HOUSING	1	
11	54525	FLANGED SLEEVE	2	
12	*37616	AXLE SHAFT - L.H.	1	
13	*37617	AXLE SHAFT - R.H.	1	
14	37626	BUSHING	2	
15	37660	YOKE	1	
16	55164	SPLIT RING ASSEMBLY - INCLUDES ITEMS 20 & 21	2	
17	37959	SPECIAL WASHER	40	
18	49380	SPECIAL WASHER	8	
19	19B-550	SNAP RING	2	
20	50A-0812	BOLT	6	
21	30D-08	NUT	4	
22	50A-1012	BOLT	2	
23	50A-1014	BOLT	6	
24	50A-1032	BOLT	6	
25	14S-10	SEAL WASHER	14	
26	50A-1228	BOLT	40	
27	50A-1626	BOLT	8	
	37625	**CARRIER ASSEMBLY - INCLUDES ITEMS 28 TO 61**	1	
28	49887	NUT	1	
29	49888	SEAL	1	
30	49889	BEARING - CONE	1	
31	49890	BEARING - CUP	1	
32	49891	CAGE - PINION	1	
33	49892	SHIM - .003"	A.R.	
	49893	SHIM - .005"	A.R.	
	49894	SHIM - .008"	A.R.	
	49895	SHIM - .020"	A.R.	
34	49896	SPACER - .250"	A.R.	
	49897	SPACER - .251"	A.R.	
	49898	SPACER - .252"	A.R.	
	49899	SPACER - .253"	A.R.	
	49900	SPACER - .254"	A.R.	
	49901	SPACER - .256"	A.R.	
	49902	SPACER - .260"	A.R.	
	49903	SPACER - .261"	A.R.	
	49904	SPACER - .262"	A.R.	
	49905	SPACER - .263"	A.R.	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
35	49906	BEARING - CUP	1	
36	49907	BEARING - CONE	1	
37	49908	PINION & GEAR - MATCHED SET	1	
38	49909	BEARING	1	
39	49910	DIFFERENTIAL CARRIER & CAP ASSEMBLY	1	
40	49911	PLUG	1	
41	49912	ADJUSTING RING - SMALL	1	
42	49913	COTTER PIN	1	
43	49914	LOCK	1	
44	49915	WASHER	2	
45	49916	BOLT	2	
46	49917	BEARING - CUP L.H.	1	
47	49918	BEARING - CONE L.H.	1	
48	49919	BEARING - CUP R.H.	1	
49	49920	BEARING - CONE R.H.	1	
50	49921	NUT	16	
51	49922	BOLT	16	
52	49923	CASE & NEST ASSEMBLY - INCLUDES ITEMS 52 TO 58	1	
53	49924	WASHER	2	
54	49925	SIDE GEAR	2	
55	49926	WASHER	4	
56	49927	PINION	4	
57	49928	SPIDER	1	
58	49929	BOLT	12	
59	49930	WASHER	8	
60	49931	BOLT	8	
61	49932	ADJUSTING RING - LARGE	1	
		<u>DIFFERENTIAL LOCK</u>		
62	49933	COLLAR	1	
63	49934	FORK	1	
64	49935	PIN - ROLL	1	
65	49936	SPRING	2	
66	49937	SHAFT - SHIFTER	1	
67	49938	PIN - ROLL	1	
68	49939	WASHER	1	
69	49940	TUBE	1	
70	49941	PISTON	1	
71	49942	O RING	1	
72	49943	GASKET - COPPER	1	
73	49944	COVER	1	
74	49945	GASKET	1	
75	49946	BOLT	4	
76	49947	BOLT	1	
77	49995	SWITCH - SENSOR	1	
78	29A-02	GREASE FITTING	2	



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20719 & UP
EXCLUDING 20731

700 SERIES
SERIE 700

SECTION 7 PAGE 9
SECCION 7 PAGINA 9

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5 REVISION A

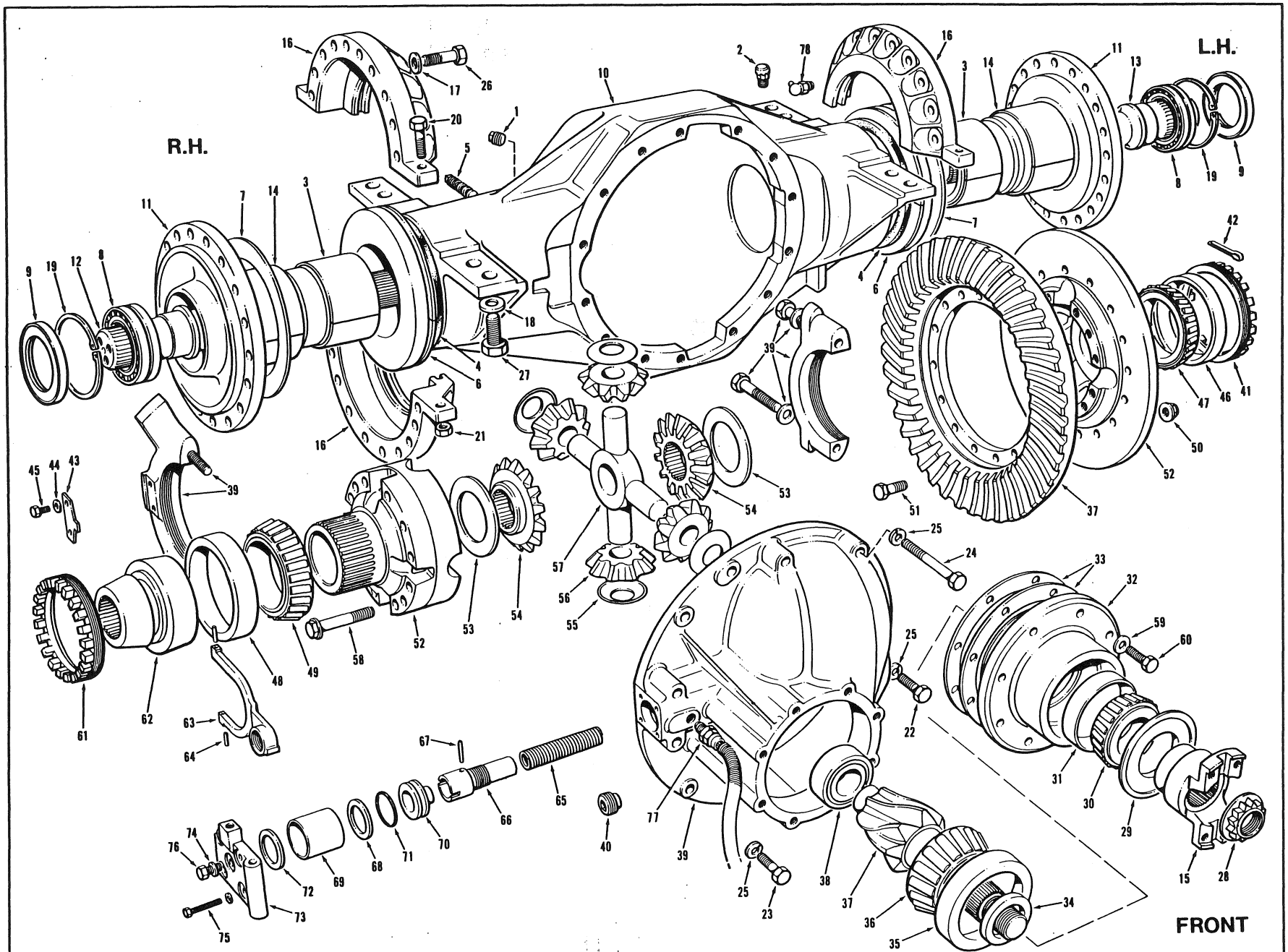
FINAL DRIVE ASSEMBLY - Models 730 & 730A

NOVEMBER1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	* 56399	**FINAL DRIVE ASSEMBLY - INCLUDES ITEMS 1 TO 78**	1	
1	3614	PLUG - MAGNETIC	1	
2	4341	BREATHER	1	
3	12638	BUSHING	2	
4	19677	SEAL	2	
5	27449	PLUG - MAGNETIC	1	
6	29483	THRUST PLATE - INNER	2	
7	56768	THRUST PLATE - OUTER	2	
8	33892	BEARING	2	
9	37591	OIL SEAL - OUTER	2	
10	37594	HOUSING	1	
11	54525	FLANGED SLEEVE	2	
12	* 37616	AXLE SHAFT - L.H.	1	
13	* 37617	AXLE SHAFT - R.H.	1	
14	37626	BUSHING	2	
15	37660	YOKE	1	
16	55164	**SPLIT RING ASSEMBLY - INCLUDES ITEMS 20 & 21**	2	
17	37959	SPECIAL WASHER	40	
18	49380	SPECIAL WASHER	8	
19	19B-550	SNAP RING	2	
20	50A-0812	BOLT	6	
21	30D-08	NUT	4	
22	50A-1012	BOLT	2	
23	50A-1014	BOLT	6	
24	50A-1032	BOLT	6	
25	14S-10	SEAL WASHER	14	
26	50A-1228	BOLT	40	
27	50A-1626	BOLT	8	
	37625	**CARRIER ASSEMBLY - INCLUDES ITEMS 28 TO 61**	1	
28	49887	NUT	1	
29	49888	SEAL	1	
30	49889	BEARING - CONE	1	
31	49890	BEARING - CUP	1	
32	49891	CAGE - PINION	1	
33	49892	SHIM - .003"	3	
	49893	SHIM - .005"	2	
	49894	SHIM - .008"	2	
	49895	SHIM - .020"	2	
34	49896	SPACER - .250"	2	
	49897	SPACER - .251"	2	
	49898	SPACER - .252"	2	
	49899	SPACER - .253"	1	
	49900	SPACER - .254"	2	
	49901	SPACER - .256"	2	
	49902	SPACER - .260"	2	
	49903	SPACER - .261"	2	
	49904	SPACER - .262"	2	
	49905	SPACER - .263"	2	

No. Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. Nº REQ.	REMARKS REMARQUES NOTAS
35	49906	BEARING - CUP	1	
36	49907	BEARING - CONE	1	
37	49908	PINION & GEAR - MATCHED SET	1	
38	49909	BEARING	1	
39	49910	**DIFFERENTIAL CARRIER & CAP ASSEMBLY**	1	
40	49911	PLUG	1	
41	49912	ADJUSTING RING - SMALL	1	
42	49913	COTTER PIN	1	
43	49914	LOCK	1	
44	49915	WASHER	2	
45	49916	BOLT	2	
46	49917	BEARING - CUP L.H.	1	
47	49918	BEARING - CONE L.H.	1	
48	49919	BEARING - CUP R.H.	1	
49	49920	BEARING - CONE R.H.	1	
50	49921	NUT	16	
51	49922	BOLT	16	
52	49923	**CASE & NEST ASSEMBLY - INCLUDES ITEMS 52 TO 58**	1	
53	49924	WASHER	2	
54	49925	SIDE GEAR	2	
55	49926	WASHER	4	
56	49927	PINION	4	
57	49928	SPIDER	1	
58	49929	BOLT	12	
59	49930	WASHER	8	
60	49931	BOLT	8	
61	49932	ADJUSTING RING - LARGE	1	
		DIFFERENTIAL LOCK		
62	49933	COLLAR	1	
63	49934	FORK	1	
64	49935	PIN - ROLL	1	
65	49936	SPRING	2	
66	49937	SHAFT - SHIFTER	1	
67	49938	PIN - ROLL	1	
68	49939	WASHER	1	
69	49940	TUBE	1	
70	49941	PISTON	1	
71	49942	O RING	1	
72	49943	GASKET - COPPER	1	
73	49944	COVER	1	
74	49945	GASKET	1	
75	49946	BOLT	4	
76	49947	BOLT	1	
77	49995	SWITCH - SENSOR	1	
78	29B-02	GREASE FITTING	2	



EFFECTIVE SERIAL NUMBER(S) 21647 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S) EXCLUDING 21649, 21687 & 21688
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 7 PAGE 9
SECCION 7 PAGINA 9

ISSUE No. 6
Nº D'ÉMISSION
Nº DE EDICION

FINAL DRIVE ASSEMBLY - Models 730 & 730A

JUNE 1991

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

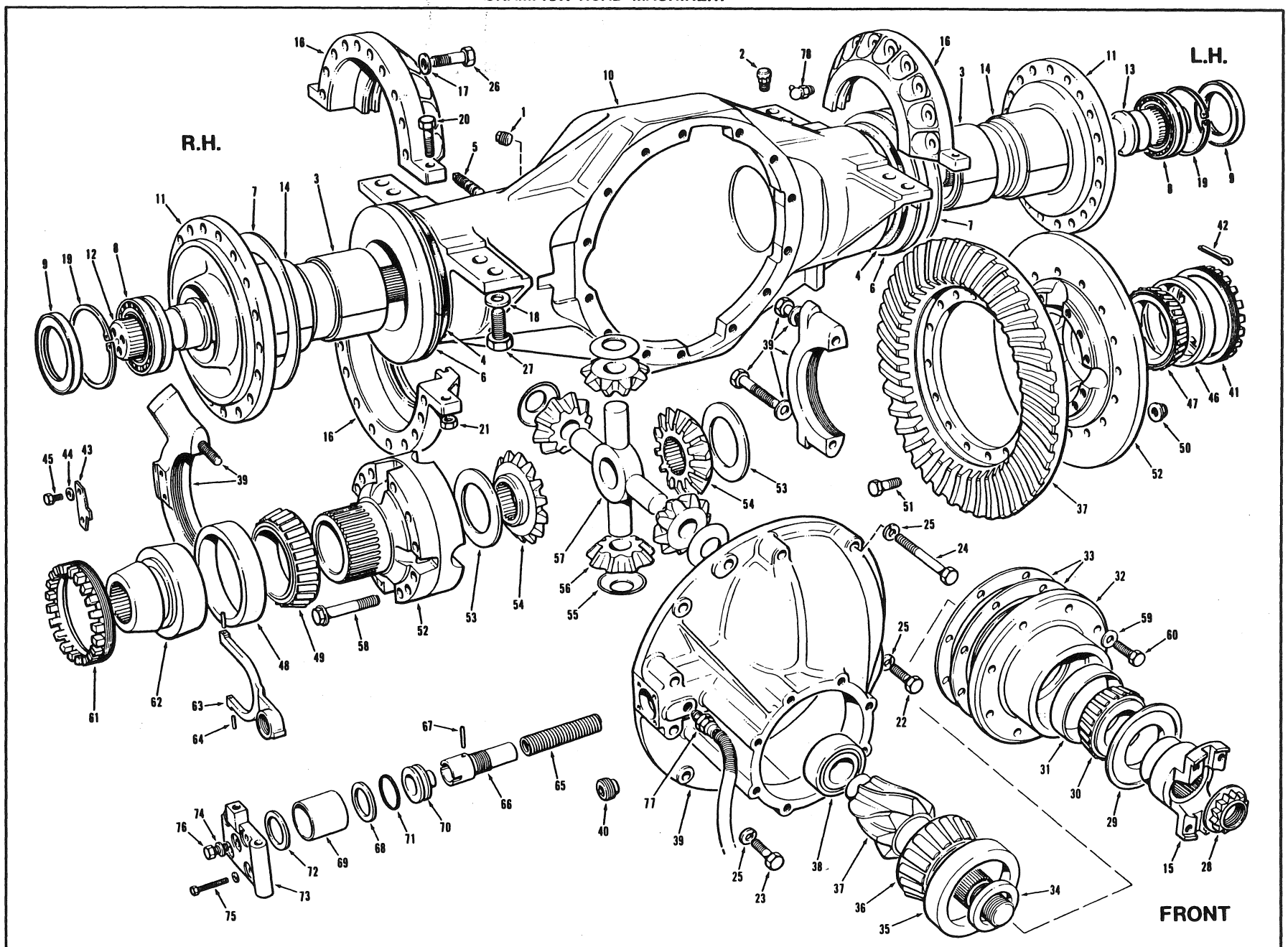
SECTION / SECCION 7 | PAGE / PAGINA 10 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 6

FINAL DRIVE ASSEMBLY - Models 730 & 730A

JUNE 1991

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	56399	**FINAL DRIVE ASSEMBLY** - INCLUDES ITEMS 1 TO 78	1	
1	3614	PLUG - MAGNETIC	1	
2	4341	BREATHER	1	
3	12638	BUSHING	2	
4	19677	SEAL	2	
5	27449	PLUG - MAGNETIC	1	
6	29483	THRUST PLATE - INNER	2	
7	56768	THRUST PLATE - OUTER	2	
8	33892	BEARING	2	
9	37591	OIL SEAL - OUTER	2	
10	37594	HOUSING	1	
11	54525	FLANGED SLEEVE	2	
12	37616	AXLE SHAFT - L.H.	1	
13	37617	AXLE SHAFT - R.H.	1	
14	37626	BUSHING	2	
15	37660	YOKE	1	
16	**55164**	**SPLIT RING ASSEMBLY** - INCLUDES ITEMS 20 & 21	2	
17	37959	SPECIAL WASHER	40	
18	49380	SPECIAL WASHER	8	
19	19B-550	SNAP RING	2	
20	50A-0812	BOLT	6	
21	30D-08	NUT	4	
22	50A-1012	BOLT	2	
23	50A-1014	BOLT	6	
24	50A-1032	BOLT	6	
25	14S-10	SEAL WASHER	14	
26	50A-1228	BOLT	40	
27	*50A-1620	BOLT	8	
	37625	**CARRIER ASSEMBLY** - INCLUDES ITEMS 28 TO 61	1	
28	49887	NUT	1	
29	49888	SEAL	1	
30	49889	BEARING - CONE	1	
31	49890	BEARING - CUP	1	
32	49891	CAGE - PINION	1	
	49892	SHIM - .003"	3	
	49893	SHIM - .005"	2	
33	49894	SHIM - .008"	2	
	49895	SHIM - .020"	2	
	49896	SPACER - .250"	2	
	49897	SPACER - .251"	2	
	49898	SPACER - .252"	2	
	49899	SPACER - .253"	1	
	49900	SPACER - .254"	2	
34	49901	SPACER - .256"	2	
	49902	SPACER - .260"	2	
	49903	SPACER - .261"	2	
	49904	SPACER - .262"	2	
	49905	SPACER - .263"	2	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
35	49906	BEARING - CUP	1	
36	49907	BEARING - CONE	1	
37	49908	PINION & GEAR - MATCHED SET	1	
38	49909	BEARING	1	
39	49910	**DIFFERENTIAL CARRIER & CAP ASSEMBLY**	1	
40	49911	PLUG	1	
41	49912	ADJUSTING RING - SMALL	1	
42	49913	COTTER PIN	1	
43	49914	LOCK	1	
44	49915	WASHER	2	
45	49916	BOLT	2	
46	49917	BEARING - CUP L.H.	1	
47	49918	BEARING - CONE L.H.	1	
48	49919	BEARING - CUP R.H.	1	
49	49920	BEARING - CONE R.H.	1	
50	49921	NUT	16	
51	49922	BOLT	16	
52	**49923**	**CASE & NEST ASSEMBLY** - INCLUDES ITEMS 52 TO 58	1	
53	49924	WASHER	2	
54	49925	SIDE GEAR	2	
55	49926	WASHER	4	
56	49927	PINION	4	
57	49928	SPIDER	1	
58	49929	BOLT	12	
59	49930	WASHER	8	
60	49931	BOLT	8	
61	49932	ADJUSTING RING - LARGE	1	
		DIFFERENTIAL LOCK		
62	49933	COLLAR	1	
63	49934	FORK	1	
64	49935	PIN - ROLL	1	
65	49936	SPRING	2	
66	49937	SHAFT - SHIFTER	1	
67	49938	PIN - ROLL	1	
68	49939	WASHER	1	
69	49940	TUBE	1	
70	49941	PISTON	1	
71	49942	O RING	1	
72	49943	GASKET - COPPER	1	
73	49944	COVER	1	
74	49945	GASKET	1	
75	49946	BOLT	4	
76	49947	BOLT	1	
77	49995	SWITCH - SENSOR	1	
78	29B-02	GREASE FITTING	2	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 7

FINAL DRIVE ASSEMBLY - Models 730 thru 740A

DECEMBER 1991

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EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21916 & UP

700 SERIES
SERIE 700

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SECCION 7 PAGINA 9

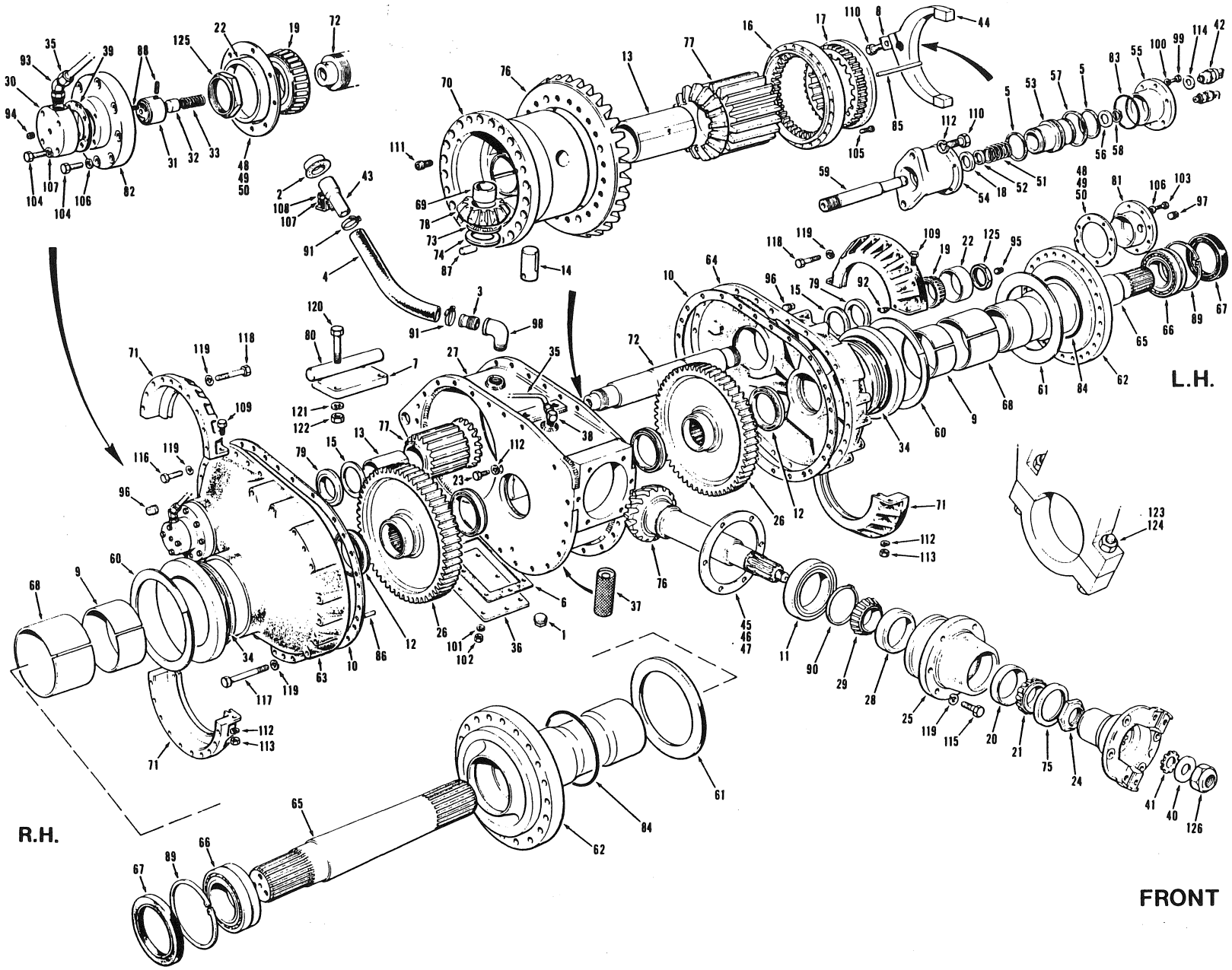
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

SECTION / SECCION 7 | PAGE / PAGINA 10 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 7

FINAL DRIVE ASSEMBLY - Models 730 thru 740A

DECEMBER 1991

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	56399	**FINAL DRIVE ASSEMBLY - INCLUDES ITEMS 1 TO 78**	1	
1	3614	PLUG - MAGNETIC	1	
2	4341	BREATHER	1	
3	12638	BUSHING	2	
4	19677	SEAL	2	
5	27449	PLUG - MAGNETIC	1	
6	29483	THRUST PLATE - INNER	2	
7	56768	THRUST PLATE - OUTER	2	
8	33892	BEARING	2	
9	37591	OIL SEAL - OUTER	2	
10	37594	HOUSING	1	
11	54525	FLANGED SLEEVE	2	
12	37616	AXLE SHAFT - L.H.	1	
13	37617	AXLE SHAFT - R.H.	1	
14	37626	BUSHING	2	
15	37660	YOKE	1	
16	55164	**SPLIT RING ASSEMBLY - INCLUDES ITEMS 20 & 21**	2	
17	37959	SPECIAL WASHER	40	
18	49380	SPECIAL WASHER	8	
19	19B-550	SNAP RING	2	
20	50A-0812	BOLT	6	
21	30D-08	NUT	4	
22	50A-1012	BOLT	2	
23	50A-1014	BOLT	6	
24	50A-1032	BOLT	6	
25	14S-10	SEAL WASHER	14	
26	50A-1228	BOLT	40	
27	50A-1620	BOLT	8	
	37625	**CARRIER ASSEMBLY - INCLUDES ITEMS 28 TO 61**	1	
28	49887	NUT	1	
29	49888	SEAL	1	
30	49889	BEARING - CONE	1	
31	49890	BEARING - CUP	1	
32	49891	CAGE - PINION	1	
33	49892	SHIM - .003"	3	
	49893	SHIM - .005"	2	
	49894	SHIM - .008"	2	
	49895	SHIM - .020"	2	
34	49896	SPACER - .250"	2	
	49897	SPACER - .251"	2	
	49898	SPACER - .252"	2	
	49899	SPACER - .253"	1	
	49900	SPACER - .254"	2	
	49901	SPACER - .256"	2	
	49902	SPACER - .260"	2	
	49903	SPACER - .261"	2	
	49904	SPACER - .262"	2	
	49905	SPACER - .263"	2	
35	49906	BEARING - CUP	1	
36	49907	BEARING - CONE	1	
37	49908	PINION & GEAR - MATCHED SET	1	
38	49909	BEARING	1	
39	49910	**DIFFERENTIAL CARRIER & CAP ASSEMBLY**	1	
40	49911	PLUG	1	
41	49912	ADJUSTING RING - SMALL	1	
42	49913	COTTER PIN	1	
43	49914	LOCK	1	
44	49915	WASHER	2	
45	49916	BOLT	2	
46	49917	BEARING - CUP L.H.	1	
47	49918	BEARING - CONE L.H.	1	
48	49919	BEARING - CUP R.H.	1	
49	49920	BEARING - CONE R.H.	1	
50	49921	NUT	16	
51	49922	BOLT	16	
52	49923	**CASE & NEST ASSEMBLY - INCLUDES ITEMS 52 TO 58**	1	
53	49924	WASHER	2	
54	49925	SIDE GEAR	2	
55	49926	WASHER	4	
56	49927	PINION	4	
57	49928	SPIDER	1	
58	49929	BOLT	12	
59	49930	WASHER	8	
60	49931	BOLT	8	
61	49932	ADJUSTING RING - LARGE	1	
		DIFFERENTIAL LOCK		
62	49933	COLLAR	1	
63	49934	FORK	1	
64	49935	PIN - ROLL	1	
65	49936	SPRING	2	
66	49937	SHAFT - SHIFTER	1	
67	49938	PIN - ROLL	1	
68	49939	WASHER	1	
69	49940	TUBE	1	
70	49941	PISTON	1	
71	49942	O RING	1	
72	49943	GASKET - COPPER	1	
73	49944	COVER	1	
74	49945	GASKET	1	
75	49946	BOLT	4	
76	49947	BOLT	1	
77	49995	SWITCH - SENSOR	1	
78	29B-02	GREASE FITTING	2	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

FINAL DRIVE ASSEMBLY - DOUBLE REDUCTION C/W DIFFERENTIAL

JANUARY 1987

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16247 TO 17732
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 TO 2607-2

700 SERIES
SERIE 700

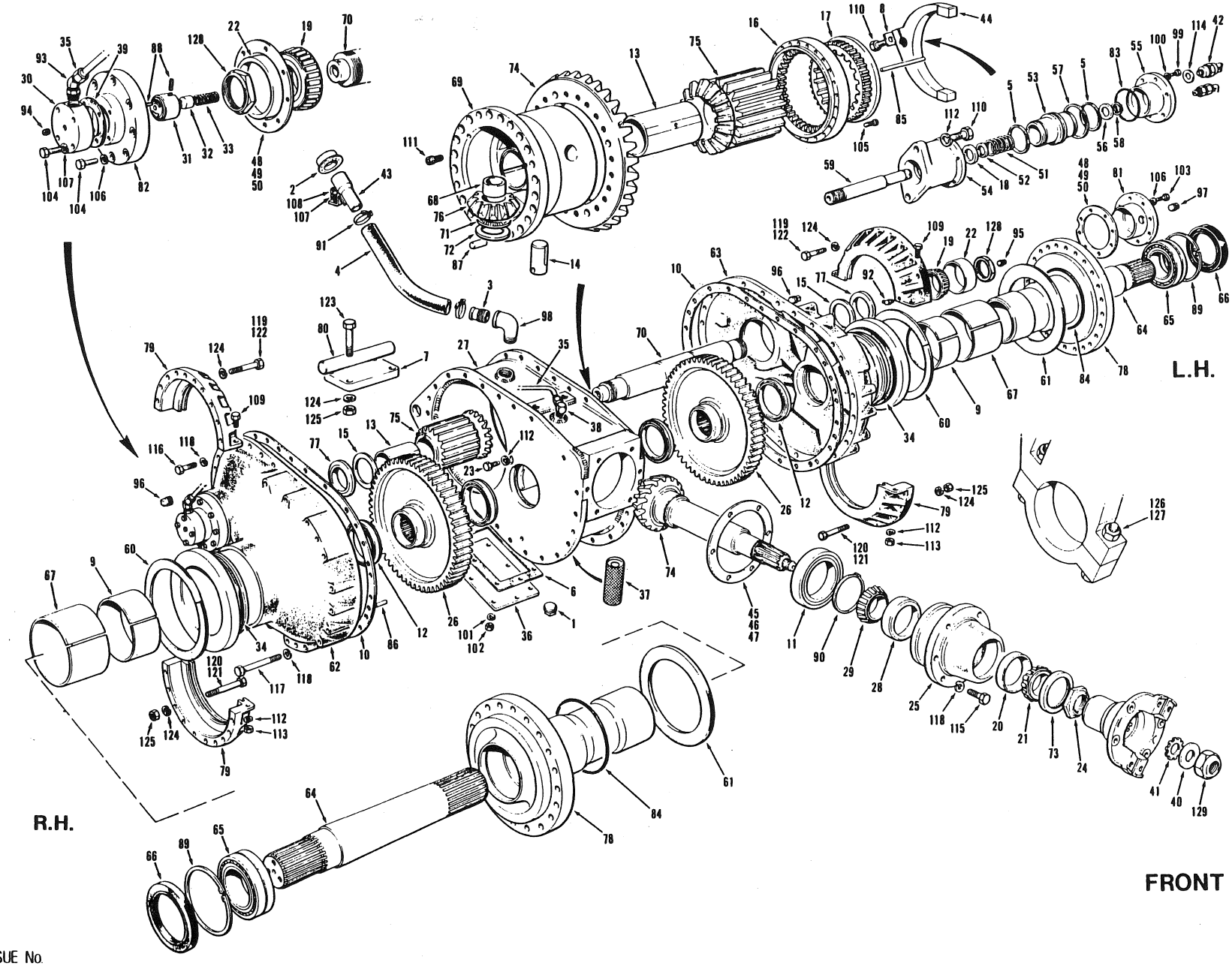
SECTION 7 PAGE 11
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

FINAL DRIVE - DOUBLE REDUCTION C/W DIFFERENTIAL

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	29635	FINAL DRIVE ASSY. - C/W DIFFERENTIAL	1	
1	3614	MAGNETIC PLUG	1	
2	5888	BREATHER CAP	1	
3	8572-4	NIPPLE	1	
4	*8585 X 29.5	HOSE	1	
5	10366	PISTON RING	2	
6	11448	GASKET	1	
7	12125-28	MOUNTING PLATE	1	
8	12411	TAB WASHER	1	
9	12638	BUSHING	2	
10	12649	GASKET	2	
11	12655	BEARING	1	
12	12660	BEARING	4	
13	12784	PINION SLEEVE	2	
14	12785	PIN	3	
15	12787	BEARING	2	
16	12788	GEAR - SHIFT CLUTCH	1	
17	12789	SHIFT CLUTCH	1	
18	12846	SEAL	2	
19	13148	BEARING CONE	2	
20	16727	BEARING CUP	1	
21	16728	BEARING CONE	1	
22	16729	BEARING CUP	2	
23	16885	SCREW	1	
24	16941	NUT	1	
25	16968	PINION CAP	1	
26	16970	BULL GEAR	2	
27	16972	MAIN CASE	1	
28	18446	BEARING CUP	1	
29	18447	BEARING CONE	1	
30	18919	END CAP	1	
31	18920	PUMP	1	
32	18921	PLUNGER	1	
33	18922	SPRING	1	
34	19677	SEAL	2	
35	19729	HYD. TUBE	1	
36	19827	COVER PLATE	1	
37	19922	STRAINER	1	
38	19923	SUCTION TUBE	1	
39	23036	GASKET	1	
40	25287	WASHER	1	
41	27341	WASHER	1	
42	27490	SWITCH	1	
43	28010	FILLER PIPE	1	
44	29184	SHIFTER FORK	1	
45	29187	SHIM -.005"	A.R.	
46	29188	SHIM -.007"	A.R.	
47	29189	SHIM -.020"	A.R.	
48	29191	SHIM -.005"	A.R.	
49	29192	SHIM -.007"	A.R.	
50	29193	SHIM -.020"	A.R.	
51	29251	SPRING	1	
52	29433	WASHER	1	
53	29434	PISTON	1	
54	29435	BARREL	1	
55	29436	CAP - SHIFT CYLINDER	1	
56	29437	RETAINER	1	
57	29438	PISTON RING	1	
58	29439	SNAP RING	1	
59	29440	SHIFT RAIL	1	
60	29483	THRUST PLATE - INNER	2	
61	29484	THRUST PLATE - OUTER	2	
62	29485	FLANGED SLEEVE	2	
63	29487	SIDE HOUSING - R.H.	1	
64	29488	SIDE HOUSING - L.H.	1	
65	29490	DRIVE AXLE	2	
66	29494	BEARING	2	
67	29495	OIL SEAL	2	
68	29496	BUSHING	2	
69	29499	BUSHING	3	
70	29500	HOUSING - DIFFERENTIAL	1	
71	29507	HALF RING ASSY.-INCLUDES ITEMS 109,112,113	2	
72	29524	CROSS SHAFT	1	
73	29525	BEARING	3	
74	29526	WASHER	3	
75	29583	OIL SEAL	1	
76	29586	SPIRAL PINION GEAR - 34 TEETH } MATCHED SPIRAL PINION SHAFT - 12 TEETH } SET	1	
77	29616	GEAR - SPIDER PINION	2	
78	29617	GEAR - SPIDER	3	
79	29619	THRUST WASHER	2	
80	*43688	PIN	1	
81	*44826	END CAP	1	
82	*44827	ADAPTER - PUMP MOUNT	1	
83	12A-230	O RING	1	
84	*12A-369	O RING	2	
85	13D-1276	DOWEL PIN	3	
86	13D-1624	DOWEL PIN	4	
87	13D-2020	DOWEL PIN	2	
88	13J-0608	ROLL PIN	4	
89	19B-625	SNAP RING	2	
90	19F-105	SNAP RING	2	
91	22B-28	CLAMP	2	
92	29B-02	GREASE FITTING	2	
93	111A-0808	CONNECTOR	1	
94	115D-02	PIPE PLUG	1	
95	115D-04	PIPE PLUG	1	
96	115E-08	PIPE PLUG	2	
97	115E-16	PIPE PLUG	1	
98	*115J-1616	ELBOW	1	
99	50A-0406	BOLT	6	
100	14A-04	LOCKWASHER	6	
101	14A-05	LOCKWASHER	8	
102	30A-05	NUT	8	
103	50A-0612	BOLT	8	
104	50A-0614	BOLT	12	
105	51D-0610	CAPSCREW	21	
106	*14S-06	SEAL WASHER	16	
107	*14A-06	LOCKWASHER	5	
108	*30A-06	NUT	1	
109	50A-0808	BOLT	4	
110	50A-0812	BOLT	3	
111	51D-0808	CAPSCREW	20	
112	14A-08	LOCKWASHER	7	
113	30D-08	NUT	4	
114	14K-09	FLATWASHER	1	
115	50A-1014	BOLT	6	
116	50A-1016	BOLT	20	
117	50A-1038	BOLT	22	
118	51A-1024	BOLT	40	
119	14A-10	LOCKWASHER	88	
120	50A-1236	BOLT	4	
121	14A-12	LOCKWASHER	4	
122	30A-12	NUT	4	
123	50A-1856	BOLT	4	
124	30A-18	NUT	4	
125	*36S-12	LOCKNUT	2	
126	37H-20	LOCKNUT	1	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION A

FINAL DRIVE ASSEMBLY - DOUBLE REDUCTION C/W DIFFERENTIAL

SEPTEMBER 1987

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 17739 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
APPROXIMATE U.S. 2608-2 & UP

700 SERIES
SERIE 700

SECTION 7 PAGE 11
SECCION PAGINA

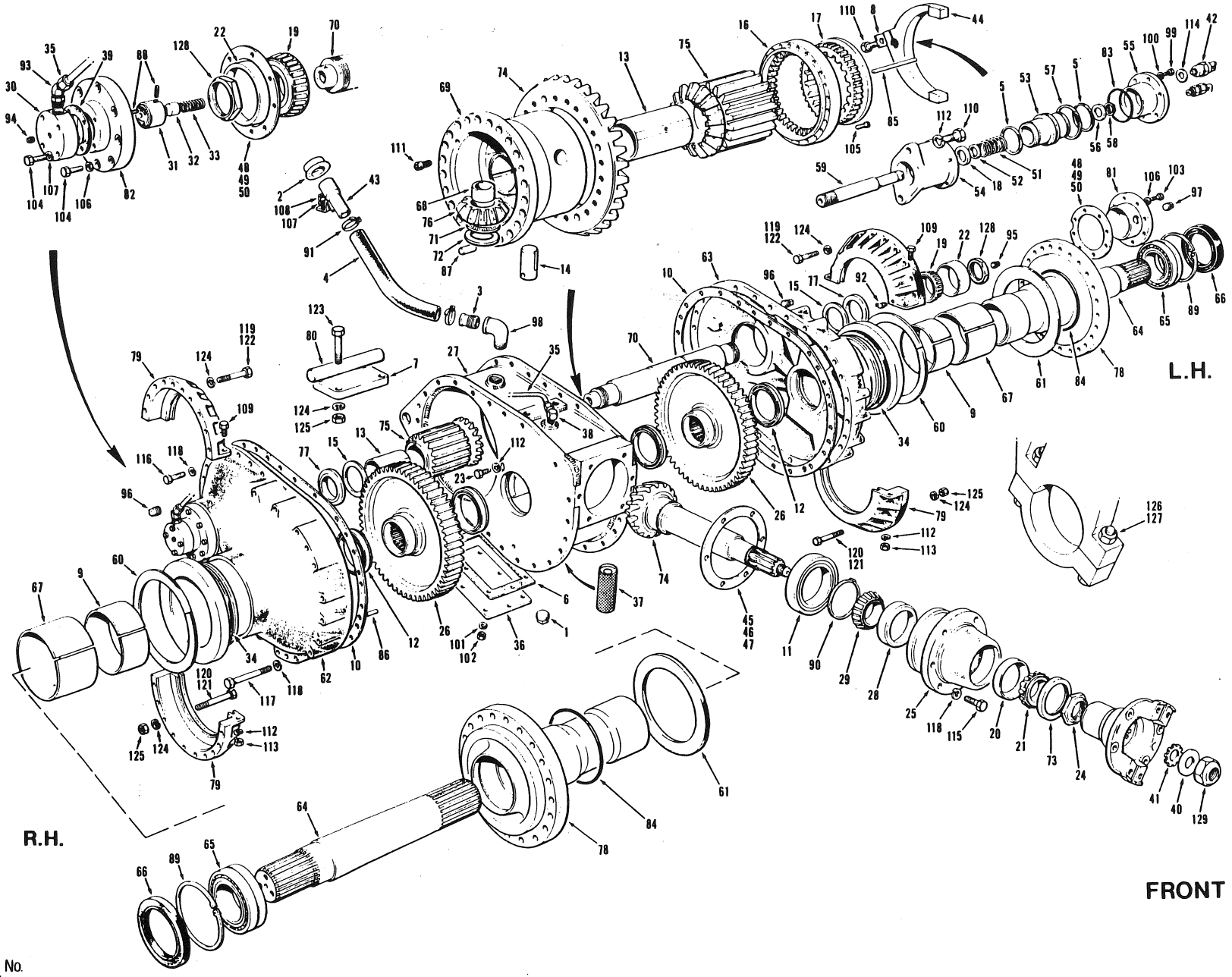
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SECTION 7 SECCION | PAGE 12 PAGINA | ISSUE No. Nº D'ÉMISSION Nº DE EDICION 2 REVISION A

FINAL DRIVE - DOUBLE REDUCTION C/W DIFFERENTIAL

SEPTEMBER 1987

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	37599	FINAL DRIVE ASSY. C/W DIFFERENTIAL	1	
1	3614	MAGNETIC PLUG	1	
2	5888	BREATHER CAP	1	
3	8572-4	NIPPLE	1	
4	8585 X 29.5	HOSE	1	
5	10366	PISTON RING	2	
6	11448	GASKET	1	
7	12125-28	MOUNTING PLATE	1	
8	12411	TAB WASHER	1	
9	12638	BUSHING	2	
10	12649	GASKET	2	
11	12655	BEARING	1	
12	12660	BEARING	4	
13	12784	PINION SLEEVE	2	
14	12785	PIN	3	
15	12787	BEARING	2	
16	12788	GEAR - SHIFT CLUTCH	1	
17	12789	SHIFT CLUTCH	1	
18	12846	SEAL	2	
19	13148	BEARING CONE	2	
20	16727	BEARING CUP	1	
21	16728	BEARING CONE	1	
22	16729	BEARING CUP	2	
23	16885	SCREW	1	
24	16941	NUT	1	
25	16968	PINION CAP	1	
26	16970	BULL GEAR	2	
27	16972	MAIN CASE	1	
28	18446	BEARING CUP	1	
29	18447	BEARING CONE	1	
30	18919	END CAP	1	
31	18920	PUMP	1	
32	18921	PLUNGER	1	
33	18922	SPRING	1	
34	19677	SEAL	2	
35	19729	HYD. TUBE	1	
36	19827	COVER PLATE	1	
37	19922	STRAINER	1	
38	19923	SUCTION TUBE	1	
39	23036	GASKET	1	
40	25287	WASHER	1	
41	27341	WASHER	1	
42	27490	SWITCH	1	
43	28010	FILLER PIPE	1	
44	29184	SHIFTER FORK	1	
45	29187	SHIM -.005"	A.R.	
46	29188	SHIM -.007"	A.R.	
47	29189	SHIM -.020"	A.R.	
48	29191	SHIM -.005"	A.R.	
49	29192	SHIM -.007"	A.R.	
50	29193	SHIM -.020"	A.R	
51	29251	SPRING	1	
52	29433	WASHER	1	
53	29434	PISTON	1	
54	29435	BARREL	1	
55	29436	CAP - SHIFT CYLINDER	1	
56	29437	RETAINER	1	
57	29438	PISTON RING	1	
58	29439	SNAP RING	1	
59	29440	SHIFT RAIL	1	
60	29483	THRUST PLATE - INNER	2	
61	29484	THRUST PLATE - OUTER	2	
62	29487	SIDE HOUSING - R.H.	1	
63	29488	SIDE HOUSING - L.H.	1	
64	29490	DRIVE AXLE	2	
65	29494	BEARING	2	
66	29495	OIL SEAL	2	
67	29496	BUSHING	2	
68	29499	BUSHING	3	
69	29500	HOUSING - DIFFERENTIAL	1	
70	29524	CROSS SHAFT	1	
71	29525	BEARING	3	
72	29526	WASHER	3	
73	29583	OIL SEAL	1	
74	29586	SPIRAL PINION SHAFT/GEAR,12 & 34 TEETH	1	SET
75	29616	GEAR - SPIDER PINION	2	
76	29617	GEAR - SPIDER	3	
77	29619	THRUST WASHER	2	
78	37436	FLANGED SLEEVE	2	
79	37437	HALF RING ASSY.-INCLUDES ITEMS 109,112,113	2	
80	43688	PIN	1	
81	44826	END CAP	1	
82	44827	ADAPTER - PUMP MOUNT	1	
83	12A-230	O RING	1	
84	12A-369	O RING	2	
85	13D-1276	DOWEL PIN	3	
86	13D-1624	DOWEL PIN	4	
87	13D-2020	DOWEL PIN	2	
88	13J-0608	ROLL PIN	4	
89	19B-625	SNAP RING	2	
90	19F-105	SNAP RING	2	
91	22B-28	CLAMP	2	
92	29B-02	GREASE FITTING	2	
93	111A-0808	CONNECTOR	1	
94	115D-02	PIPE PLUG	1	
95	115D-04	PIPE PLUG	1	
96	115E-08	PIPE PLUG	2	
97	115E-16	PIPE PLUG	1	
98	115J-1616	ELBOW	1	
99	50A-0406	BOLT	6	
100	14A-04	LOCKWASHER	6	
101	14A-05	LOCKWASHER	8	
102	30A-05	NUT	8	
103	50A-0612	BOLT	8	
104	50A-0614	BOLT	12	
105	51D-0610	CAPSCREW	21	
106	14S-06	SEAL WASHER	16	
107	14A-06	LOCKWASHER	5	
108	30A-06	NUT	1	
109	50A-0808	BOLT	4	
110	50A-0812	BOLT	3	
111	51D-0808	CAPSCREW	20	
112	14A-08	LOCKWASHER	7	
113	30D-08	NUT	4	
114	14K-09	FLATWASHER	1	
115	50A-1014	BOLT	6	
116	50A-1016	BOLT	20	
117	50A-1038	BOLT	22	
118	14A-10	LOCKWASHER	48	
119	50A-1224	BOLT (8 REQ. FOR 780 & 780A)	22	
120	*50A-1226	BOLT	14	780 & 780A
121	50A-1230	BOLT	18	
122	*50A-1232	BOLT	18	780 & 780A
123	50A-1236	BOLT	4	
124	14A-12	LOCKWASHER (40 REQ. FOR 780 & 780A)	44	
125	30A-12	NUT (18 REQ. FOR 780 & 780A)	22	
126	50A-1856	BOLT	4	
127	30A-18	NUT	4	
128	36S-12	LOCKNUT	2	
129	37H-20	LOCKNUT	1	



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

18507, 18526 & UP

700 SERIES
SERIE 700

SECTION 7 PAGE 11
SECCION 7 PAGINA 11

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3 REVISION B

FINAL DRIVE ASSEMBLY - DOUBLE REDUCTION C/W DIFFERENTIAL

MARCH 1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

SECTION / SECCION 7 | PAGE / PAGINA 12 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 3 REVISION B

FINAL DRIVE - DOUBLE REDUCTION C/W DIFFERENTIAL

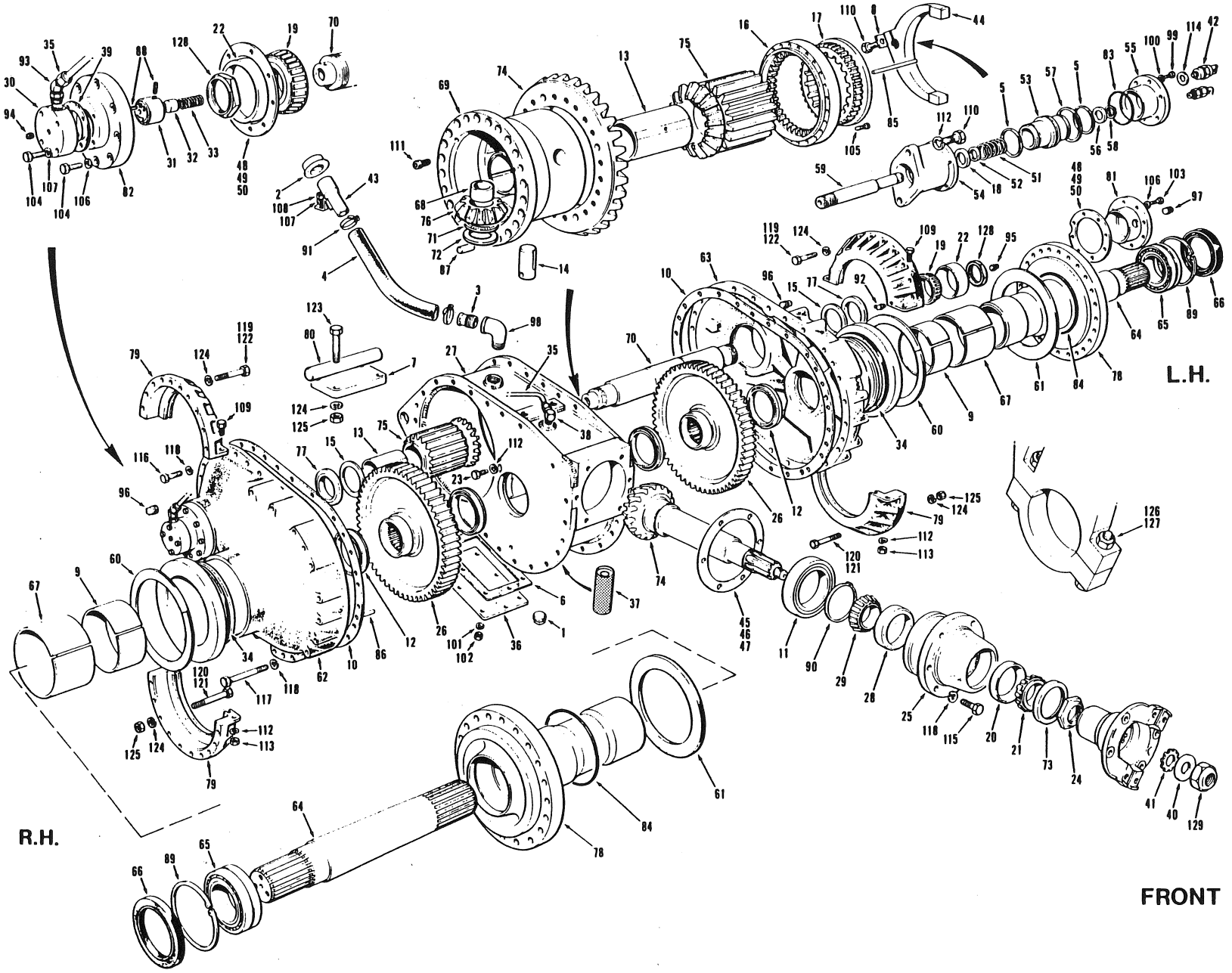
MARCH 1990

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	37910	**FINAL DRIVE ASSEMBLY C/W DIFFERENTIAL - INCLUDES ITEMS 1, 3, 5, 6, 8 TO 42, 44 TO 79, 81 TO 90, 92 TO 107, 109 TO 118, 128 & 129**	1	
1	3614	MAGNETIC PLUG	1	
2	5888	BREATHER CAP	1	
3	8572-4	NIPPLE	1	
4	8585 x 26.5	HOSE	1	
5	10366	PISTON RING	2	
6	11448	GASKET	1	
7	12125-28	MOUNTING PLATE	1	
8	12411	TAB WASHER	1	
9	12638	BUSHING	2	
10	12649	GASKET	2	
11	12655	BEARING	1	
12	12660	BEARING	4	
13	12784	PINION SLEEVE	2	
14	12785	PIN	3	
15	12787	BEARING	2	
16	12788	GEAR - SHIFT CLUTCH	1	
17	12789	SHIFT CLUTCH	1	
18	12846	SEAL	2	
19	13148	BEARING CONE	2	
20	16727	BEARING CUP	1	
21	16728	BEARING CONE	1	
22	16729	BEARING CUP	2	
23	16885	SCREW	1	
24	16941	NUT	1	
25	16968	PINION CAP	1	
26	16970	BULL GEAR	2	
27	16972	MAIN CASE	1	
28	18446	BEARING CUP	1	
29	18447	BEARING CONE	1	
30	18919	END CAP	1	
31	18920	PUMP	1	
32	18921	PLUNGER	1	
33	18922	SPRING	1	
34	19677	SEAL	2	
35	19729	HYDRAULIC TUBE	1	
36	19827	COVER PLATE	1	
37	19922	STRAINER	1	
38	19923	SUCTION TUBE	1	
39	23036	GASKET	1	
40	25287	WASHER	1	
41	27341	WASHER	1	
42	27490	SWITCH	1	
43	51592	FILLER PIPE	1	
44	29184	SHIFTER FORK	1	
45	29187	SHIM - .005"	A.R.	
46	29188	SHIM - .007"	A.R.	
47	29189	SHIM - .020"	A.R.	
48	29191	SHIM - .005"	A.R.	
49	29192	SHIM - .007"	A.R.	
50	29193	SHIM - .020"	A.R.	
51	29251	SPRING	1	
52	29433	WASHER	1	
53	29434	PISTON	1	
54	37909	BARREL	1	
55	29436	CAP - SHIFT CYLINDER	1	
56	29437	RETAINER	1	
57	29438	PISTON RING	1	
58	29439	SNAP RING	1	
59	29440	SHIFT RAIL	1	
60	29483	THRUST PLATE - INNER	2	
61	29484	THRUST PLATE - OUTER	2	
62	29487	SIDE HOUSING - R.H.	1	
63	29488	SIDE HOUSING - L.H.	1	
64	29490	DRIVE AXLE	2	
65	29494	BEARING	2	
66	29495	OIL SEAL	2	
67	29496	BUSHING	2	
68	29499	BUSHING	3	
69	29500	HOUSING - DIFFERENTIAL	1	
70	*55206	CROSS SHAFT	1	
71	29525	BEARING	3	
72	29526	WASHER	3	
73	29583	OIL SEAL	1	
74	29586	SPIRAL PINION SHAFT/GEAR, 12 & 34 TEETH	1	SET
75	29616	GEAR - SPIDER PINION	2	
76	29617	GEAR - SPIDER	3	
77	29619	THRUST WASHER	2	
78	37436	FLANGED SLEEVE	2	
79	37437	HALF RING ASSEMBLY - INCLUDES ITEMS 109, 112 & 113	2	
80	43688	PIN	1	
81	44826	END CAP	1	
82	44827	ADAPTER - PUMP MOUNT	1	
83	12A-230	O RING	1	
84	12A-369	O RING	2	
85	13D-1276	DOWEL PIN	3	
86	13D-1624	DOWEL PIN	4	
87	13D-2020	DOWEL PIN	2	
88	13J-0608	ROLL PIN	4	
89	19B-625	SNAP RING	2	
90	19F-105	SNAP RING	2	
91	22B-28	CLAMP	2	
92	29B-02	GREASE FITTING	2	
93	11A-0808	CONNECTOR	1	
94	115D-02	PIPE PLUG	1	
95	115D-04	PIPE PLUG	1	
96	115E-08	PIPE PLUG	2	
97	115E-16	PIPE PLUG	1	
98	115J-1616	ELBOW	1	
99	50A-0406	BOLT	6	
100	14A-04	LOCKWASHER	6	
101	14A-05	LOCKWASHER	8	
102	30A-05	NUT	8	
103	50A-0612	BOLT	8	
104	50A-0614	BOLT	12	
105	51D-0610	CAPSCREW	21	
106	14S-06	SEAL WASHER	16	
107	14A-06	LOCKWASHER	5	
108	30A-06	NUT	1	
109	50A-0808	BOLT	4	
110	50A-0812	BOLT	3	
111	51D-0808	CAPSCREW	20	
112	14A-08	LOCKWASHER	7	
113	30D-08	NUT	4	
114	14K-09	FLATWASHER	1	
115	50A-1014	BOLT	6	
116	50A-1016	BOLT	20	
117	50A-1038	BOLT	22	
118	14A-10	LOCKWASHER	48	
119	50A-1224	BOLT (8 REQ. FOR 780/780A)	22	
120	50A-1226	BOLT	14	780/780A
121	50A-1230	BOLT	18	
122	50A-1232	BOLT	18	780/780A
123	50A-1236	BOLT	4	
124	14A-12	LOCKWASHER (40 REQ. FOR 780/780A)	44	
125	30A-12	NUT (18 REQ. FOR 780/780A)	22	
126	50A-1856	BOLT	4	
127	30A-18	NUT	4	
128	36S-12	LOCKNUT	2	
129	37H-20	LOCKNUT	1	

EFFECTIVE SERIAL NUMBER(S) 20723 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 7 PAGE 11
SECCION PAGINA



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4 REVISION A

FINAL DRIVE ASSEMBLY - DOUBLE REDUCTION C/W DIFFERENTIAL

NOVEMBER 1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

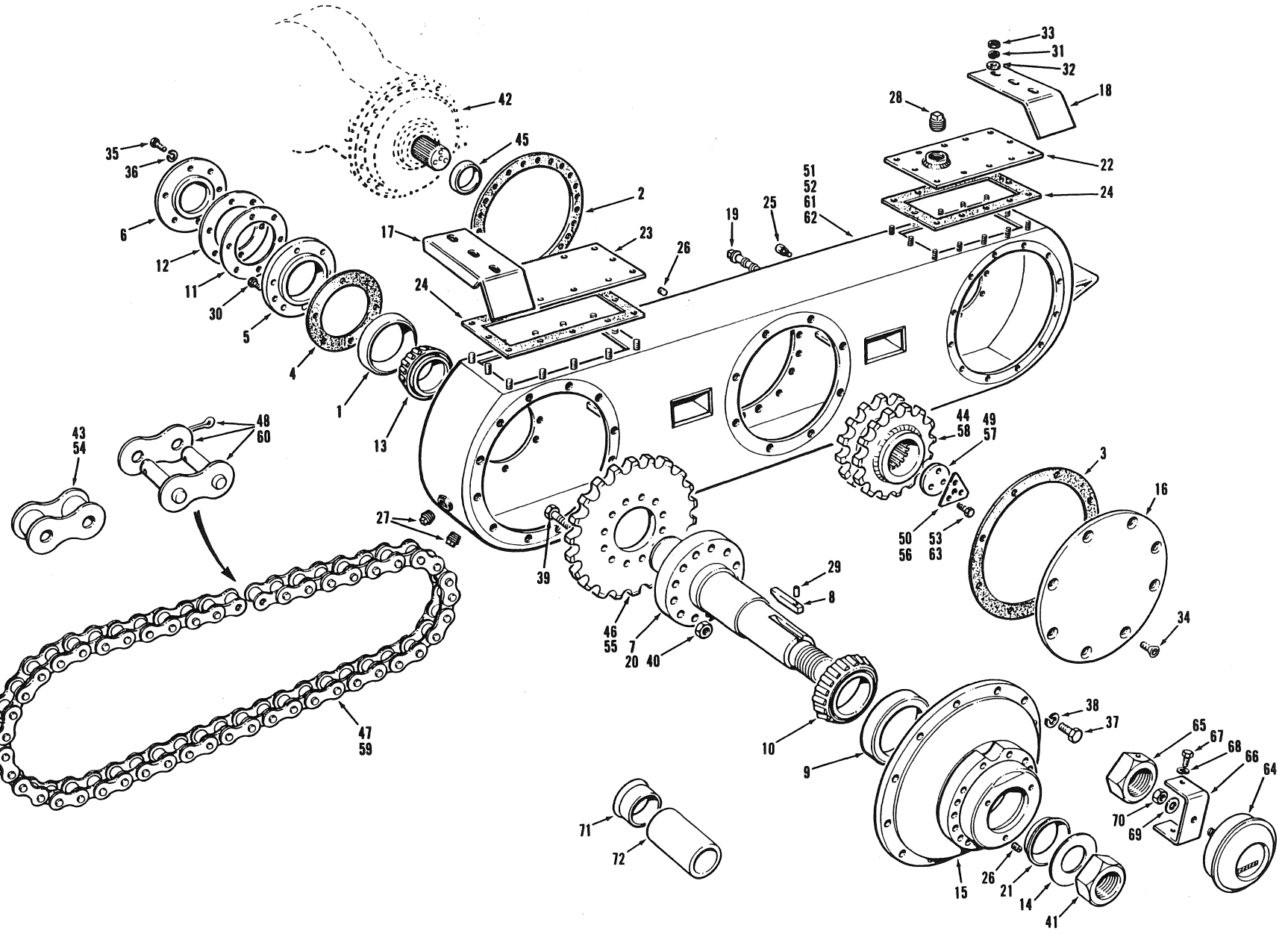
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

SECTION / SECCION 7 | PAGE / PAGINA 12 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 4 REVISION A

FINAL DRIVE - DOUBLE REDUCTION C/W DIFFERENTIAL

NOVEMBER 1990

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	56397	**FINAL DRIVE ASSEMBLY C/W DIFFERENTIAL** - INCLUDES ITEMS 1, 3, 5, 6, 8 TO 42, 44 TO 79, 81 TO 90, 92 TO 107, 109 TO 118, 128 & 129	1	
1	3614	MAGNETIC PLUG	1	
2	5888	BREATHER CAP	1	
3	8572-4	NIPPLE	1	
4	8585 x 26.5	HOSE	1	
5	10366	PISTON RING	2	
6	11448	GASKET	1	
7	12125-28	MOUNTING PLATE	1	
8	12411	TAB WASHER	1	
9	12638	BUSHING	2	
10	12649	GASKET	2	
11	12655	BEARING	1	
12	12660	BEARING	4	
13	12784	PINION SLEEVE	2	
14	12785	PIN	3	
15	12787	BEARING	2	
16	12788	GEAR - SHIFT CLUTCH	1	
17	12789	SHIFT CLUTCH	1	
18	12846	SEAL	2	
19	13148	BEARING CONE	2	
20	16727	BEARING CUP	1	
21	16728	BEARING CONE	1	
22	16729	BEARING CUP	2	
23	16885	SCREW	1	
24	16941	NUT	1	
25	16968	PINION CAP	1	
26	16970	BULL GEAR	2	
27	16972	MAIN CASE	1	
28	18446	BEARING CUP	1	
29	18447	BEARING CONE	1	
30	18919	END CAP	1	
31	18920	PUMP	1	
32	18921	PLUNGER	1	
33	18922	SPRING	1	
34	19677	SEAL	2	
35	19729	HYDRAULIC TUBE	1	
36	19827	COVER PLATE	1	
37	19922	STRAINER	1	
38	19923	SUCTION TUBE	1	
39	23036	GASKET	1	
40	25287	WASHER	1	
41	27341	WASHER	1	
42	27490	SWITCH	1	
43	51592	FILLER PIPE	1	
44	29184	SHIFTER FORK	1	
45	29187	SHIM - .005"	1	
46	29188	SHIM - .007"	2	
47	29189	SHIM - .020"	2	
48	29191	SHIM - .005"	6	
49	29192	SHIM - .007"	7	
50	29193	SHIM - .020"	3	
51	29251	SPRING	1	
52	29433	WASHER	1	
53	29434	PISTON	1	
54	37909	BARREL	1	
55	29436	CAP - SHIFT CYLINDER	1	
56	29437	RETAINER	1	
57	29438	PISTON RING	1	
58	29439	SNAP RING	1	
59	29440	SHIFT RAIL	1	
60	29483	THRUST PLATE - INNER	2	
61	56768	THRUST PLATE - OUTER	2	
62	29487	SIDE HOUSING - R.H.	1	
63	29488	SIDE HOUSING - L.H.	1	
64	29490	DRIVE AXLE	2	
65	29494	BEARING	2	
66	29495	OIL SEAL	2	
67	29496	BUSHING	2	
68	29499	BUSHING	3	
69	29500	HOUSING - DIFFERENTIAL - UP TO S/N 20804	1	
	56174	HOUSING - DIFFERENTIAL - S/N 20808 & UP	1	
70	55206	CROSS SHAFT	1	
71	29525	BEARING	3	
72	29526	WASHER	3	
73	29583	OIL SEAL	1	
74	29586	SPIRAL PINION SHAFT/GEAR, 12 & 34 TEETH	1	SET
75	29616	GEAR - SPIDER PINION - UP TO S/N 20804	2	
	56196	GEAR - SPIDER PINION - S/N 20808 & UP	2	
76	29617	GEAR - SPIDER	3	
77	29619	THRUST WASHER	2	
78	37436	FLANGED SLEEVE	2	
79	37437	**HALF RING ASSEMBLY** - INCLUDES ITEMS 109, 112 & 113	2	
80	43688	PIN	1	
81	44826	END CAP	1	
82	44827	ADAPTER - PUMP MOUNT	1	
83	12A-230	O RING	1	
84	12A-370	O RING	2	
85	13D-1276	DOWEL PIN	3	
86	13D-1624	DOWEL PIN	4	
87	13D-2020	DOWEL PIN	2	
88	13C-0608	ROLL PIN	4	
89	19B-625	SNAP RING	2	
90	19F-105	SNAP RING	2	
91	22B-28	CLAMP	2	
92	29B-02	GREASE FITTING	2	
93	*111A-0808	CONNECTOR	1	
94	115D-02	PIPE PLUG	1	
95	115D-04	PIPE PLUG	1	
96	115E-08	PIPE PLUG	2	
97	115E-16	PIPE PLUG	1	
98	115J-1616	ELBOW	1	
99	50A-0406	BOLT	6	
100	14A-04	LOCKWASHER	6	
101	14A-05	LOCKWASHER	8	
102	30A-05	NUT	8	
103	50A-0612	BOLT	8	
104	50A-0614	BOLT	12	
105	51D-0610	CAPSCREW	21	
106	14S-06	SEAL WASHER	16	
107	14A-06	LOCKWASHER	5	
108	30A-06	NUT	1	
109	50A-0808	BOLT	4	
110	50A-0812	BOLT	3	
111	51D-0808	CAPSCREW	20	
112	14A-08	LOCKWASHER	7	
113	30D-08	NUT	4	
114	14K-09	FLATWASHER	1	
115	50A-1014	BOLT	6	
116	50A-1016	BOLT	20	
117	50A-1038	BOLT	22	
118	14A-10	LOCKWASHER	48	
119	50A-1224	BOLT (8 REQ. FOR 780/780A)	22	
120	50A-1226	BOLT	14	780/780A
121	50A-1230	BOLT	18	
122	50A-1232	BOLT	18	780/780A
123	50A-1236	BOLT	4	
124	*37959	LOCKWASHER (40 REQ. FOR 780/780A)	44	
125	36N-12	NUT (18 REQ. FOR 780/780A)	22	
126	50A-1856	BOLT	4	
127	30A-18	NUT	4	
128	36S-12	LOCKNUT	2	
129	37H-20	LOCKNUT	1	



EFFECTIVE SERIAL NUMBER(S) 16224 & 16245 to 16808
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 TO 2418-2

700 SERIES
SERIE 700

SECTION 7 PAGE 13
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

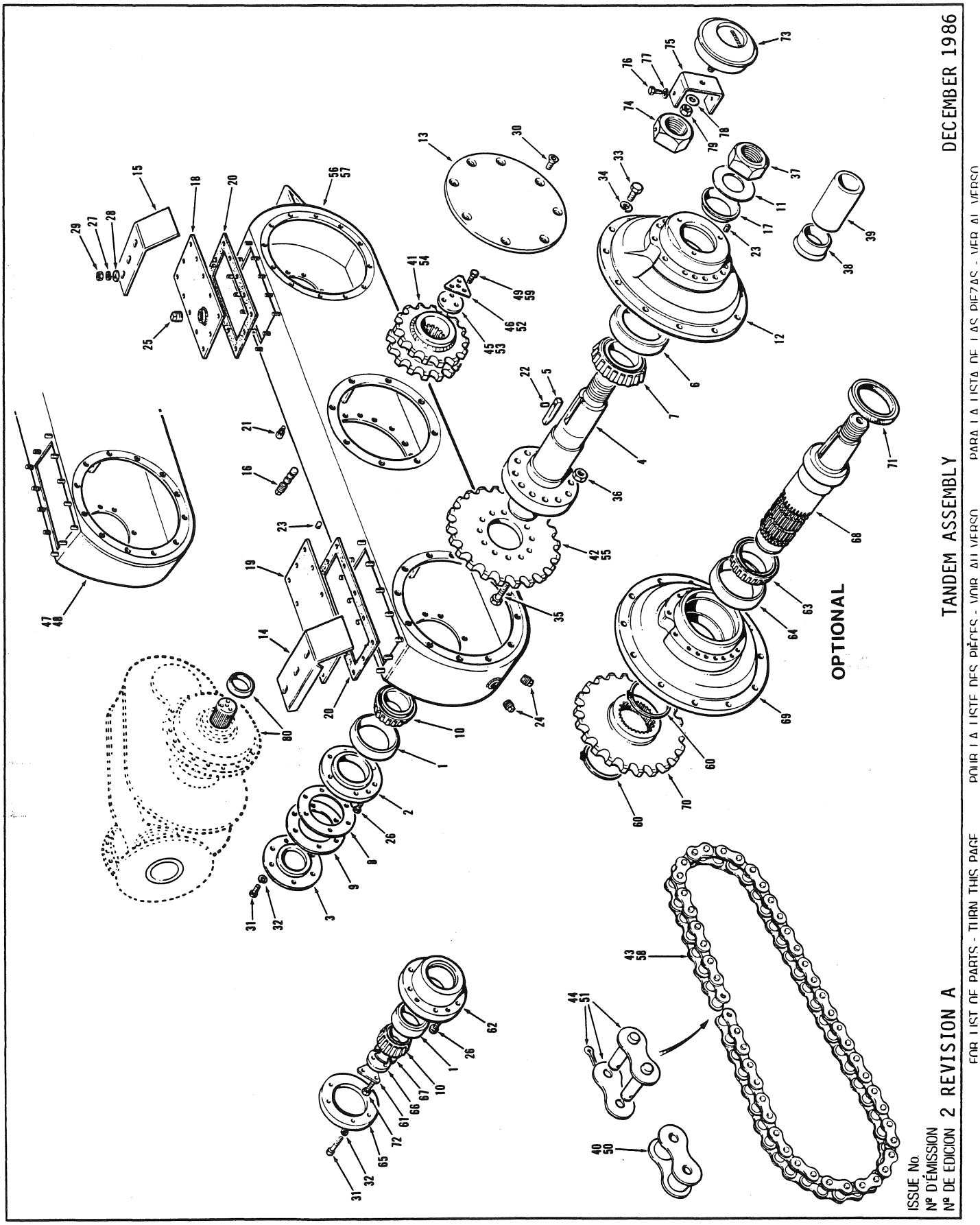
TANDEM ASSEMBLY

DECEMBER 1986

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	701A	BEARING CUP	4	
2	2582	GASKET	2	
3	2744	GASKET	2	
4	2748	GASKET	4	
5	7035	FLANGE	4	
6	7036	CAP	4	
7	7037	STUB AXLE	4	SEE NOTE 1
8	7039	KEY	4	
9	7042A	BEARING CUP	4	
10	7042B	BEARING CONE	4	
11	7044B	SHIM - .020" THICK	A.R.	
12	7044C	SHIM - .010" THICK	A.R.	
13	7060	BEARING CONE	4	
14	7774	WASHER	4	
15	11899	HOUSING	4	
16	15361	COVER PLATE	2	
17	18910	BRAKE LINE SHIELD - R.H. REAR, L.H. FRONT	2	
18	18911	BRAKE LINE SHIELD - L.H. REAR, R.H. FRONT	2	
19	27449	MAGNETIC PLUG	4	
20	36601	STUB AXLE - HEAVY	4	OPTIONAL
21	36915	OIL SEAL	4	
22	40005	COVER PLATE - REAR	2	
23	40006	COVER PLATE - FRONT	2	
24	40007	GASKET	4	
25	40296	VENT PLUG	2	
26	115D-02	PLUG	14	
27	115E-12	PLUG	4	
28	115E-24	PLUG	2	
29	13J-0816	PIN	4	
30	51D-0608	BOLT	8	
31	14A-06	LOCKWASHER	48	
32	*14C-06	FLATWASHER	12	
33	30A-06	NUT	48	
34	51E-0808	BOLT	16	
35	51A-0820	BOLT	24	
36	14A-08	LOCKWASHER	24	
37	51A-1014	BOLT	48	
38	14A-10	LOCKWASHER	48	
39	50A-1228	BOLT	48	
40	36C-12	NUT	48	
41	37D-36	LOCKNUT	4	
42		FINAL DRIVE	REF.	SECTION 7 PAGES 7, 9 & 11
	*32338	SILICONE SEALANT - 304 mL TUBE CHAMPION ROAD MACHINERY RECOMMENDS THE USE OF SILICONE SEALANT IN PLACE OF GASKETS.	A.R.	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
43	27496	LINK	A.R.	MODEL 710 & 710A
44	29051	DRIVE SPROCKET	2	MODEL 710 & 710A
45	29052	SPACER	2	MODEL 710 & 710A
46	29073	SPROCKET - 33 TOOTH	4	MODEL 710 & 710A
47	29075	CHAIN	4	MODEL 710 & 710A
48	29095	CONNECTING LINK	A.R.	MODEL 710 & 710A
49	36436	CAP	2	MODEL 710 & 710A
50	36437	TAB WASHER	2	MODEL 710 & 710A
51	40221	TANDEM CASE - L.H.	1	MODEL 710 & 710A
52	40222	TANDEM CASE - R.H.	1	MODEL 710 & 710A
53	50A-0810	BOLT	6	MODEL 710 & 710A
54	10858-1	LINK	A.R.	MODEL 720 THRU 760
55	11901	SPROCKET - 29 TOOTH	4	MODEL 720 THRU 760
56	12653	TAB WASHER	2	MODEL 720 THRU 760
57	17981	CAP	2	MODEL 720 THRU 760
58	33254	DRIVE SPROCKET	2	MODEL 720 THRU 760
59	40010	CHAIN	4	MODEL 720 THRU 760
60	*11230	CONNECTING LINK	A.R.	MODEL 720 THRU 760
61	40034	TANDEM CASE - R.H.	1	MODEL 720 THRU 760
62	40035	TANDEM CASE - L.H.	1	MODEL 720 THRU 760
63	50A-1014	BOLT	6	MODEL 720 THRU 760
		ODOMETER INSTALLATION		OPTIONAL
64	10510	ODOMETER - 13:00 X 24 TIRES	1	MILES
64	10511	ODOMETER - 14:00 X 24 TIRES	1	MILES
64	10512	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	MILES
64	10973	ODOMETER - 17:5 X 25 TIRES	1	MILES
64	11919	ODOMETER - 13:00 X 24 TIRES	1	KILOMETERS
64	11920	ODOMETER - 14:00 X 24 TIRES	1	KILOMETERS
64	11921	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	KILOMETERS
64	11922	ODOMETER - 17:5 X 25 TIRES	1	KILOMETERS
65	24902	SPECIAL NUT	1	
66	24903	BRACKET	1	
67	51A-0606	BOLT	2	
68	14A-06	LOCKWASHER	2	
69	14C-08	FLATWASHER	1	
70	37D-08	LOCKNUT - INCLUDED WITH ITEM 64	1	
	NOTE 1	STUB AXLE KIT (TO BE USED WHEN OIL SEAL HAS WORN A GROOVE IN STUB AXLE) CONSISTS OF:		
71	17666	REPAIR SLEEVE	1	
72	17667	INSTALLATION TOOL	1	



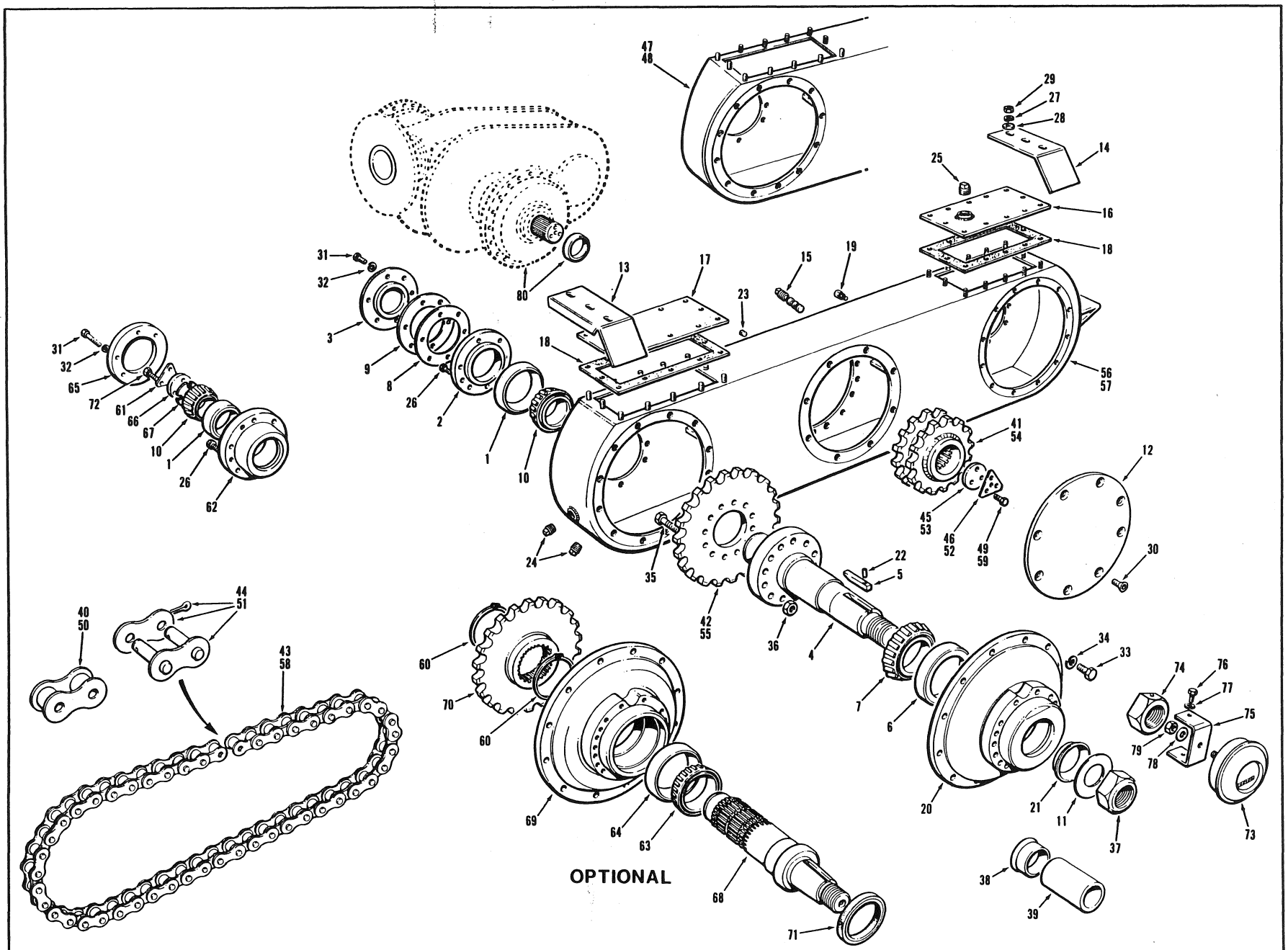
EFFECTIVE SERIAL NUMBER(S) 16817 TO 17204
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

U.S. 2419-2 TO 2527-2

700 SERIES
SERIE 700

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	701A	BEARING CUP	4	
2	7035	FLANGE	4	
3	7036	CAP	4	
4	7037	STUB AXLE	4	SEE NOTE 1
5	7039	KEY	4	
6	7042A	BEARING CUP	4	
7	7042B	BEARING CONE	4	
8	7044B	SHIM - .020" THICK	A.R.	
9	7044C	SHIM - .010" THICK	A.R.	
10	7060	BEARING CONE	4	
11	7774	WASHER	4	
12	11899	HOUSING	4	
13	15361	COVER PLATE	2	
14	18910	BRAKE LINE SHIELD - R.H. REAR, L.H. FRONT	2	
15	18911	BRAKE LINE SHIELD - L.H. REAR, R.H. FRONT	2	
16	27449	MAGNETIC PLUG	4	
17	36915	OIL SEAL	4	
18	40005	COVER PLATE - REAR	2	
19	40006	COVER PLATE - FRONT	2	
20	40007	GASKET	4	
21	40296	VENT PLUG	2	
22	13J-0816	PIN	4	
23	115D-02	PLUG	A.R.	
24	115E-12	PLUG	4	
25	115E-24	PLUG	2	
26	50D-0608	CAPSCREW	8	
27	14A-06	LOCKWASHER	48	
28	*14C-06	FLATWASHER	12	
29	30A-06	NUT	48	
30	50E-0808	BOLT	16	
31	50A-0820	BOLT	24	
32	14A-08	LOCKWASHER	24	
33	50A-1014	BOLT	48	
34	14A-10	LOCKWASHER	48	
35	50A-1228	BOLT	48	
36	36N-12	NUT	48	
37	37D-36	LOCKNUT	4	
	NOTE 1:	STUB AXLE KIT (TO BE USED WHEN OIL SEAL HAS WORN A GROOVE IN STUB AXLE) CONSISTS OF:		
38	17666	REPAIR SLEEVE	1	
39	17667	INSTALLATION TOOL	1	
40	27496	LINK	A.R.	MODEL 710
41	29051	DRIVE SPROCKET	2	
42	29073	SPROCKET - 33 TOOTH	4	
43	29075	CHAIN - C/W CONNECTING LINK	4	
44	29095	CONNECTING LINK	A.R.	
45	36436	CAP	2	
46	36437	TAB WASHER	2	
47	40221	TANDEM CASE - L.H.	1	
48	40222	TANDEM CASE - R.H.	1	
49	50A-0810	BOLT	6	
50	10858-1	LINK	A.R.	MODEL 720 THRU 760
51	*11230	CONNECTING LINK	A.R.	
52	12653	TAB WASHER	2	
53	17981	CAP	2	
54	33254	DRIVE SPROCKET	2	
55	42084	SPROCKET - 25 TOOTH	4	
56	42112	TANDEM CASE - R.H.	1	
57	42113	TANDEM CASE - L.H.	1	
58	42118	CHAIN - C/W CONNECTING LINK	4	
59	50A-1014	BOLT	6	
		HEAVY DUTY STUB AXLE INSTALLATION		
60	19C-450	SNAP RING	8	
61	16789	TAB WASHER	4	
62	16792	BEARING FLANGE	4	
63	32043	BEARING CUP	4	
64	32044	BEARING CONE	4	
65	40026	BEARING CAP	4	OPTIONAL ON MODELS 740 & 760
66	40029	BEARING RETAINER	4	
67	40030	SHIM - .005" THICK	A.R.	
	40031	SHIM - .007" THICK	A.R.	
	40032	SHIM - .020" THICK	A.R.	
68	42489	STUB AXLE - HEAVY	1	
69	42509	HOUSING	4	
70	*42565	SPROCKET - 25 TOOTH	4	
71	42569	SEAL	4	
72	50A-1012	BOLT	12	
		ODOMETER INSTALLATION		OPTIONAL
73	10510	ODOMETER - 13:00 X 24 TIRES	1	MILES
	10511	ODOMETER - 14:00 X 24 TIRES	1	
	10512	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	10973	ODOMETER - 17:5 X 25 TIRES	1	
	11919	ODOMETER - 13:00 X 24 TIRES	1	KILOMETERS
	11920	ODOMETER - 14:00 X 24 TIRES	1	
	11921	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	11922	ODOMETER - 17:5 X 25 TIRES	1	
74	24902	SPECIAL NUT	1	
75	24903	BRACKET	1	
76	51A-0606	BOLT	2	
77	14A-06	LOCKWASHER	2	
78	14C-08	FLATWASHER	1	
79	37D-08	LOCKNUT - INCLUDED WITH ITEM 73	1	
80		FINAL DRIVE INSTALLATION	REF.	SECTION 7 PAGES 7, 9 & 11
	*32338	SILICONE SEALANT - 304 mL TUBE CHAMPION ROAD MACHINERY RECOMMENDS THE USE OF SILICONE SEALANT IN PLACE OF GASKETS.	A.R.	

EFFECTIVE SERIAL NUMBER(S) 17205 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2528-2 & UP



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3 REVISION B

TANDEM ASSEMBLY

DECEMBER 1986

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

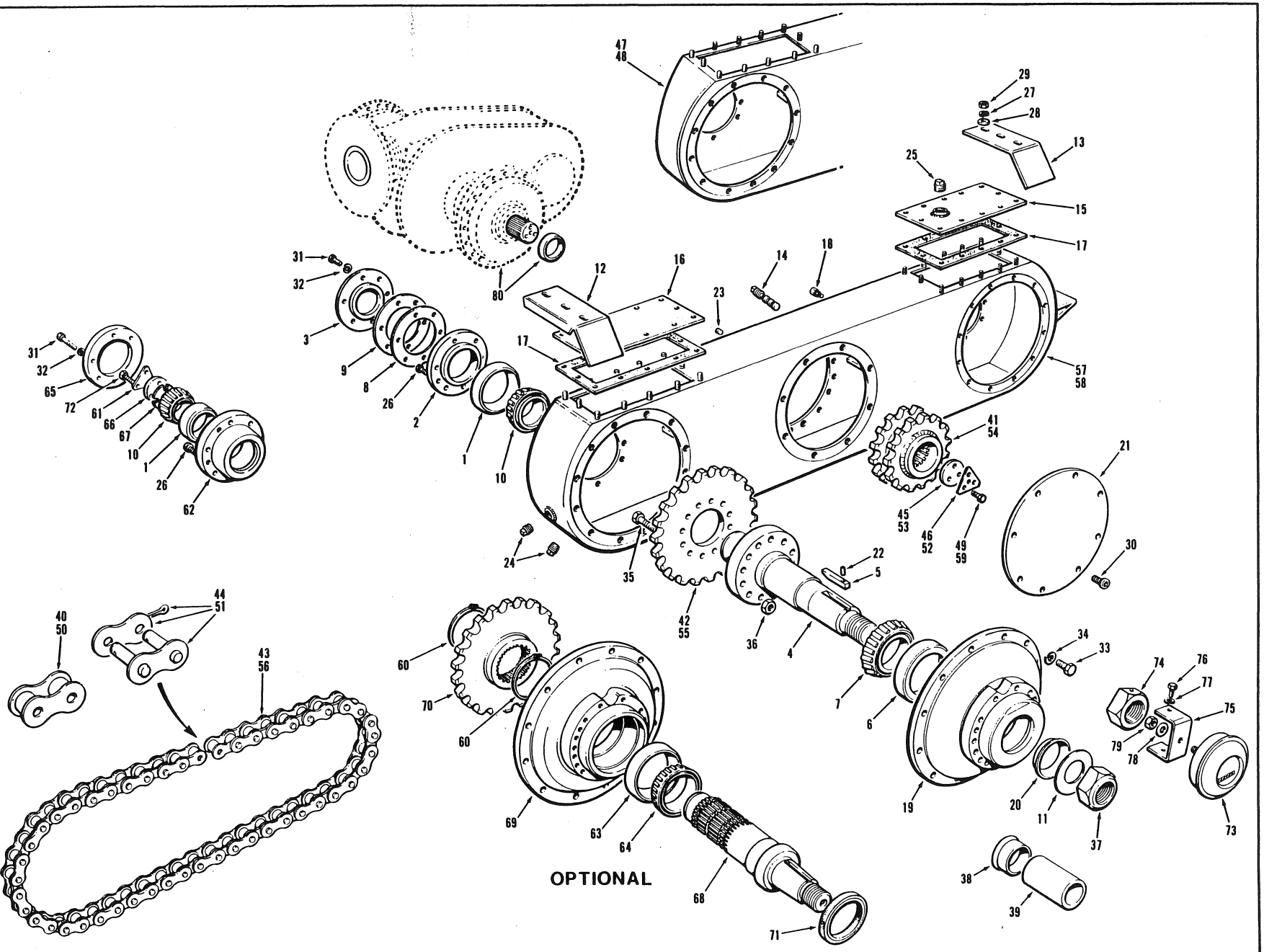
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

700 SERIES
SERIE 700

SECTION 7 PAGE 13
SECCION 7 PAGINA 13

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	701A	BEARING CUP	4	
2	7035	FLANGE	4	
3	7036	CAP	4	
4	7037	STUB AXLE	4	SEE NOTE 1
5	7039	KEY	4	
6	7042A	BEARING CUP	4	
7	7042B	BEARING CONE	4	
8	7044B	SHIM - .020" THICK	A.R.	
9	7044C	SHIM - .010" THICK	A.R.	
10	7060	BEARING CONE	4	
11	7774	WASHER	4	
12	15361	COVER PLATE	2	
13	18910	BRAKE LINE SHIELD - R.H. REAR, L.H. FRONT	2	
14	18911	BRAKE LINE SHIELD - L.H. REAR, R.H. FRONT	2	
15	27449	MAGNETIC PLUG	4	
16	40005	COVER PLATE - REAR	2	
17	40006	COVER PLATE - FRONT	2	
18	40007	GASKET	4	
19	40296	VENT PLUG	2	
20	*42600	HOUSING	4	
21	*42602	OIL SEAL	4	
22	13J-0816	PIN	4	
23	115D-02	PLUG	2	
24	115E-12	PLUG	4	
25	115E-24	PLUG	2	
26	50D-0608	CAPSCREW	8	
27	14A-06	LOCKWASHER	48	
28	14C-06	FLATWASHER	12	
29	30A-06	NUT	48	
30	50E-0808	CAPSCREW	16	
31	50A-0820	BOLT	24	
32	14A-08	LOCKWASHER	24	
33	50A-1014	BOLT	48	
34	14A-10	LOCKWASHER	48	
35	50A-1228	BOLT	48	
36	36N-12	NUT	48	
37	37D-36	LOCKNUT	4	
	NOTE 1:	STUB AXLE KIT (TO BE USED WHEN OIL SEAL HAS WORN A GROOVE IN STUB AXLE) CONSISTS OF:		
38	17666	REPAIR SLEEVE	1	
39	17667	INSTALLATION TOOL	1	
40	27496	LINK	A.R.	MODEL 710
41	29051	DRIVE SPROCKET	2	
42	29073	SPROCKET - 33 TOOTH	4	
43	29075	CHAIN - C/W CONNECTING LINK	4	
44	29095	CONNECTING LINK	A.R.	
45	36436	CAP	2	
46	36437	TAB WASHER	2	
47	40221	TANDEM CASE - L.H.	1	
48	40222	TANDEM CASE - R.H.	1	
49	50A-0810	BOLT	6	
50	10858-1	LINK	A.R.	
51	*11230	CONNECTING LINK	A.R.	
52	12653	TAB WASHER	2	
53	17981	END CAP	2	
54	33254	DRIVE SPROCKET	2	MODEL 720 THRU 760
55	42084	SPROCKET - 25 TOOTH	4	
56	42112	TANDEM CASE - R.H.	1	
57	42113	TANDEM CASE - L.H.	1	
58	42118	CHAIN - C/W CONNECTING LINK	4	
59	50A-1014	BOLT	6	
		HEAVY DUTY STUB AXLE INSTALLATION		
60	19C-450	SNAP RING	8	
61	16789	TAB WASHER	4	
62	16792	BEARING FLANGE	4	
63	32043	BEARING CUP	4	
64	32044	BEARING CONE	4	
65	40026	BEARING CAP	4	OPTIONAL ON MODELS 740 & 760
66	40029	BEARING RETAINER	4	
67	40030	SHIM - .005" THICK	A.R.	
	40031	SHIM - .007" THICK	A.R.	
	40032	SHIM - .020" THICK	A.R.	
68	42489	STUB AXLE - HEAVY	1	
69	42509	HOUSING	4	
70	*42565	SPROCKET - 25 TOOTH	4	
71	42569	SEAL	4	
72	50A-1012	BOLT	12	
		ODOMETER INSTALLATION		OPTIONAL
73	10510	ODOMETER - 13:00 X 24 TIRES	1	MILES
	10511	ODOMETER - 14:00 X 24 TIRES	1	
	10512	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	10973	ODOMETER - 17:5 X 25 TIRES	1	
	11919	ODOMETER - 13:00 X 24 TIRES	1	KILOMETERS
	11920	ODOMETER - 14:00 X 24 TIRES	1	
	11921	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	11922	ODOMETER - 17:5 X 25 TIRES	1	
74	24902	SPECIAL NUT	1	
75	24903	BRACKET	1	
76	51A-0606	BOLT	2	
77	14A-06	LOCKWASHER	2	
78	14C-08	FLATWASHER	1	
79	37D-08	LOCKNUT - INCLUDED WITH ITEM 73	1	
80		FINAL DRIVE INSTALLATION	REF.	SECTION 7 PAGES 7, 9 & 11
	*32338	SILICONE SEALANT - 304 mL TUBE CHAMPION ROAD MACHINERY RECOMMENDS THE USE OF SILICONE SEALANT IN PLACE OF GASKETS.	A.R.	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

TANDEM ASSEMBLY

JANUARY 1987

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

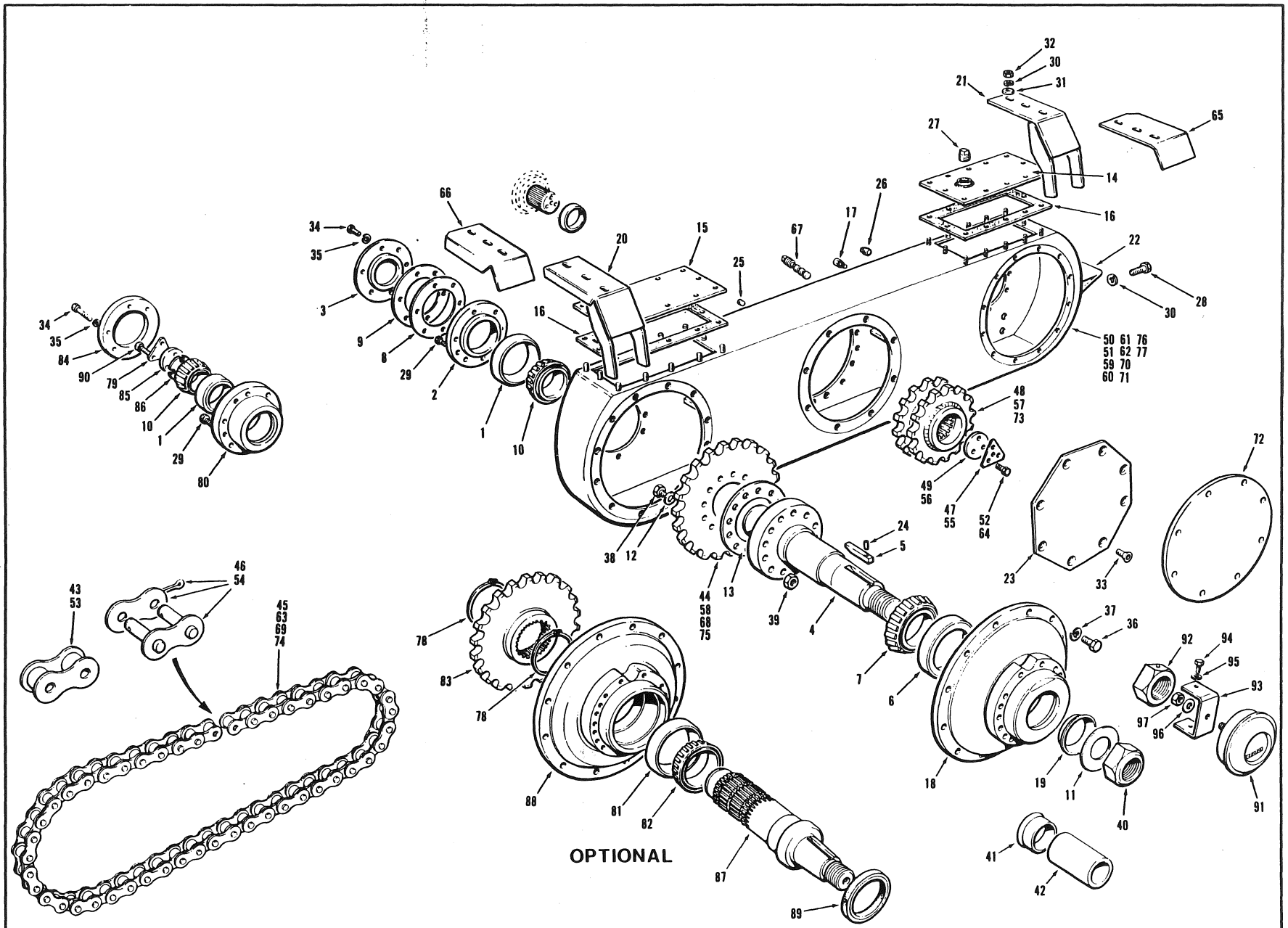
EFFECTIVE SERIAL NUMBER(S) 17723 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2623-2 & UP

700 SERIES
SERIE 700

SECTION 7 PAGE 13
SECCION 7 PAGINA 13

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	701A	BEARING CUP	4	
2	7035	FLANGE	4	
3	7036	CAP	4	
4	7037	STUB AXLE	4	SEE NOTE 1
5	7039	KEY	4	
6	7042A	BEARING CUP	4	
7	7042B	BEARING CONE	4	
8	7044B	SHIM - .020" THICK	A.R.	
9	7044C	SHIM - .010" THICK	A.R.	
10	7060	BEARING CONE	4	
11	7774	WASHER	4	
12	18910	BRAKE LINE SHIELD - R.H. REAR, L.H. FRONT	2	
13	18911	BRAKE LINE SHIELD - L.H. REAR, R.H. FRONT	2	
14	27449	MAGNETIC PLUG	4	
15	40005	COVER PLATE - REAR	2	
16	40006	COVER PLATE - FRONT	2	
17	40007	GASKET	4	
18	40296	VENT PLUG	2	
19	42600	HOUSING	4	
20	42602	OIL SEAL	4	
21	*44360	COVER PLATE	2	
22	13J-0816	PIN	4	
23	115D-02	PLUG	2	
24	115E-12	PLUG	4	
25	115E-24	PLUG	2	
26	50D-0608	CAPSCREW	8	
27	14A-06	LOCKWASHER	48	
28	14C-06	FLATWASHER	12	
29	30A-06	NUT	48	
30	*50F-0808	CAPSCREW	16	
31	50A-0820	BOLT	24	
32	14A-08	LOCKWASHER	24	
33	50A-1014	BOLT	48	
34	14A-10	LOCKWASHER	48	
35	50A-1228	BOLT	48	
36	36N-12	NUT	48	
37	37D-36	LOCKNUT	4	
	NOTE 1:	STUB AXLE KIT (TO BE USED WHEN OIL SEAL HAS WORN A GROOVE IN STUB AXLE) CONSISTS OF:		
38	17666	REPAIR SLEEVE	1	
39	17667	INSTALLATION TOOL	1	
40	27496	LINK	A.R.	
41	29051	DRIVE SPROCKET	2	
42	29073	SPROCKET - 33 TOOTH	4	
43	29075	CHAIN - C/W CONNECTING LINK	4	
44	29095	CONNECTING LINK	A.R.	MODEL 710
45	36436	CAP	2	
46	36437	TAB WASHER	2	
47	40221	TANDEM CASE - L.H.	1	
48	40222	TANDEM CASE - R.H.	1	
49	50A-0810	BOLT	6	
50	10858-1	LINK	A.R.	
51	11230	CONNECTING LINK	A.R.	
52	12653	TAB WASHER	2	
53	17981	END CAP	2	
54	*44566	DRIVE SPROCKET	2	MODEL 720 THRU 760
55	42084	SPROCKET - 25 TOOTH	4	
56	42118	CHAIN - C/W CONNECTING LINK	4	
57	*44290	TANDEM CASE - R.H.	1	
58	*44291	TANDEM CASE - L.H.	1	
59	50A-1014	BOLT	6	
		HEAVY DUTY STUB AXLE INSTALLATION		
60	19C-450	SNAP RING	8	
61	16789	TAB WASHER	4	
62	16792	BEARING FLANGE	4	
63	32043	BEARING CUP	4	
64	32044	BEARING CONE	4	
65	40026	BEARING CAP	4	OPTIONAL ON MODELS 740 & 760
66	40029	BEARING RETAINER	4	
67	40030	SHIM - .005" THICK	A.R.	
	40031	SHIM - .007" THICK	A.R.	
	40032	SHIM - .020" THICK	A.R.	
68	42489	STUB AXLE - HEAVY	1	
69	42509	HOUSING	4	
70	42565	SPROCKET - 25 TOOTH	4	
71	42569	SEAL	4	
72	50A-1012	BOLT	12	
		ODOMETER INSTALLATION		OPTIONAL
73	10510	ODOMETER - 13:00 X 24 TIRES	1	MILES
	10511	ODOMETER - 14:00 X 24 TIRES	1	
	10512	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	10973	ODOMETER - 17:5 X 25 TIRES	1	
	11919	ODOMETER - 13:00 X 24 TIRES	1	KILOMETERS
	11920	ODOMETER - 14:00 X 24 TIRES	1	
	11921	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	11922	ODOMETER - 17:5 X 25 TIRES	1	
74	24902	SPECIAL NUT	1	
75	24903	BRACKET	1	
76	51A-0606	BOLT	2	
77	14A-06	LOCKWASHER	2	
78	14C-08	FLATWASHER	1	
79	37D-08	LOCKNUT - INCLUDED WITH ITEM 73	1	
80		FINAL DRIVE INSTALLATION	REF.	SECTION 7 PAGES 7, 9 & 11
	32338	SILICONE SEALANT - 304 mL TUBE	A.R.	
		CHAMPION ROAD MACHINERY RECOMMENDS THE USE OF SILICONE SEALANT IN PLACE OF GASKETS.		



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **5 REVISION A**

TANDEM ASSEMBLY - DRUM BRAKES - MODELS 710 THRU 740A

APRIL 1989

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) Models 710 & 710A: 19482 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S) Models 720 & 720A: 19429 & UP
NUMERO(S) DE SERIE EFECTIVO(S) Models 730 & 730A: 19425 & UP
Models 740 & 740A: 17723 & UP

700 SERIES
SERIE 700

SECTION 7 PAGE 13
SECCION 7 PAGINA 13

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

SECTION / SECCION 7 | PAGE / PAGINA 14 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 5 REVISION A

TANDEM ASSEMBLY - DRUM BRAKES - MODELS 710 THRU 740A

APRIL 1989

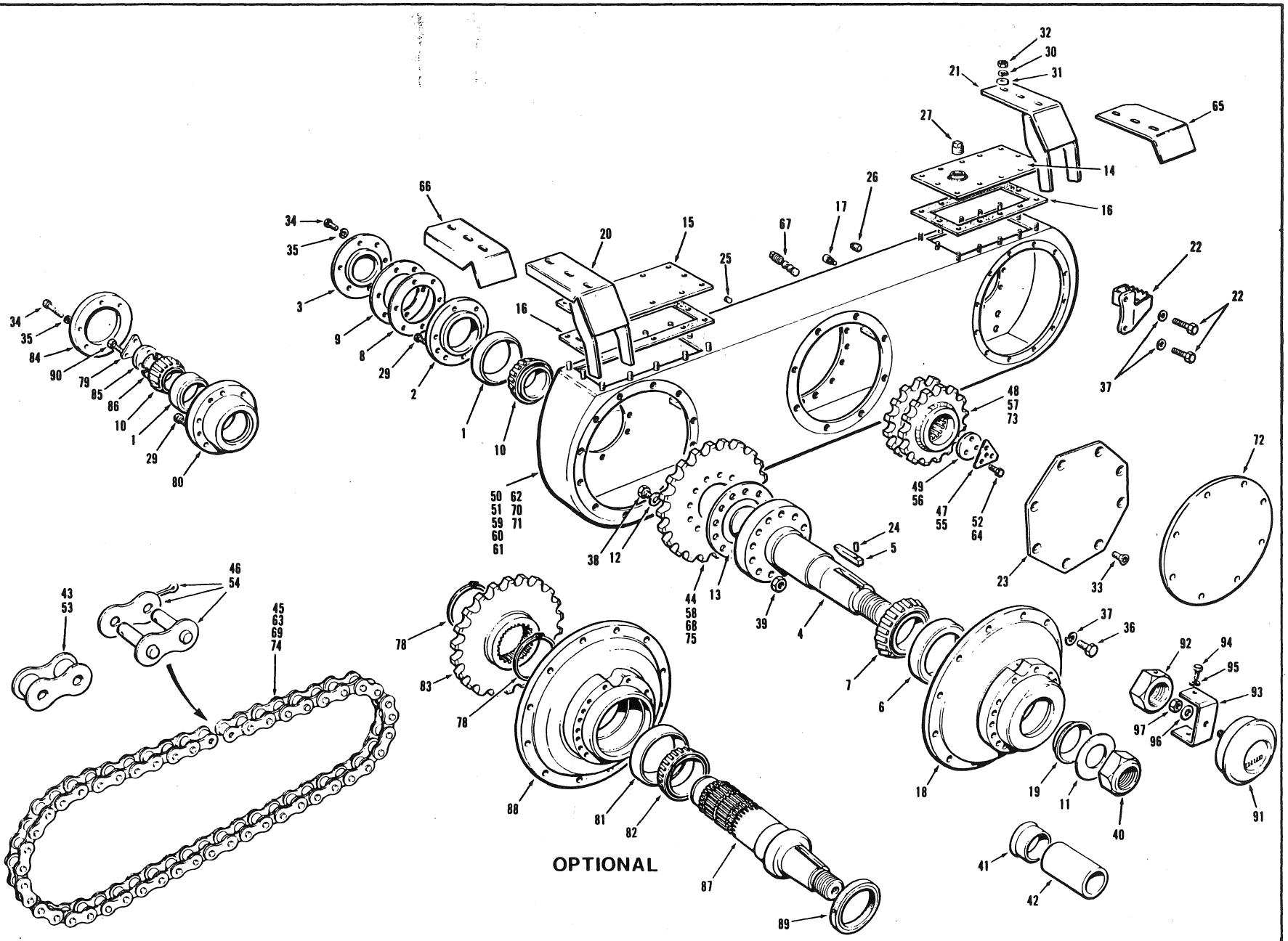
No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	701A	BEARING	4	
2	7035	FLANGE	4	
3	7036	CAP	4	
4	7037	STUB AXLE	4	SEE NOTE 1
5	7039	KEY	4	
6	7042A	BEARING CUP	4	
7	7042B	BEARING CONE	4	
8	7044B	SHIM - .020" THICK	A.R.	
9	7044C	SHIM - .010" THICK	A.R.	
10	7060	BEARING CONE	4	
11	7774	WASHER	4	
12	37959	WASHER	80	
13	38055	SPACER	2	
14	40005	COVER PLATE - REAR	2	
15	40006	COVER PLATE - FRONT	2	
16	40007	GASKET	4	
17	40296	VENT PLUG	2	
18	42600	HOUSING	4	
19	42602	OIL SEAL	4	
20	42982	BRAKE LINE SHIELD - R.H. REAR, L.H. FRONT	2	
21	42983	BRAKE LINE SHIELD - L.H. REAR, R.H. FRONT	2	
22	45511	STEP	2	
23	48394	COVER PLATE	2	
24	13J-0816	PIN	4	
25	115D-02	PLUG	2	
26	115E-12	PLUG	4	
27	115E-24	PLUG	2	
28	50A-0608	BOLT	4	
29	50D-0608	CAPSCREW	8	
30	14A-06	LOCKWASHER	48	
31	14C-06	FLATWASHER	12	
32	30A-06	NUT	48	
33	50F-0808	CAPSCREW	16	
34	50A-0820	CAPSCREW	16	
35	14A-08	LOCKWASHER	48	
36	50A-1014	BOLT	48	
37	14A-10	LOCKWASHER	48	
38	50A-1228	BOLT	48	
39	36N-12	NUT	48	
40	37D-36	LOCKNUT	4	
	NOTE 1:	STUB AXLE KIT (TO BE USED WHEN OIL SEAL HAS WORN A GROOVE IN STUB AXLE) CONSISTS OF:		
41	17666	REPAIR SLEEVE	1	
42	17667	INSTALLATION TOOL	1	
43	27496	LINK	A.R.	MODELS 710/710A
44	29073	SPROCKET - 33 TOOTH	4	
45	29075	CHAIN - C/W CONNECTING LINK	4	
46	29095	CONNECTING LINK	A.R.	
47	36437	TAB WASHER	2	
48	37586	DRIVE SPROCKET	2	
49	37592	CAP	2	
50	45475	TANDEM CASE - L.H. - MODELS 710/710A	1	
51	45476	TANDEM CASE - R.H. - MODELS 710/710A	1	
52	50A-0812	BOLT	6	
53	*53494	LINK	A.R.	MODELS 720 THRU 730A
54	*53493	CONNECTING LINK	A.R.	
55	36437	TAB WASHER	2	
56	37228	END CAP	2	
57	37588	DRIVE SPROCKET	2	
58	37642	SPROCKET - 25 TOOTH	2	
59	37955	TANDEM CASE - R.H. - MODELS 720/720A	1	
60	37956	TANDEM CASE - L.H. - MODELS 720/720A	1	
61	37957	TANDEM CASE - R.H. - MODELS 730/730A	1	
62	37958	TANDEM CASE - L.H. - MODELS 730/730A	1	
63	40010	CHAIN - C/W CONNECTING LINK	2	
64	50A-1014	BOLT	6	
65	*18910	BRAKE LINE SHIELD - R.H. REAR, L.H. FRONT	2	
66	*18911	BRAKE LINE SHIELD - L.H. REAR, R.H. FRONT	2	
67	*27449	PLUG	2	
68	*42084	SPROCKET	4	MODELS 740/740A
69	*42118	CHAIN	2	
70	*44290	TANDEM CASE - R.H.	1	
71	*44291	TANDEM CASE - L.H.	1	
72	*44360	COVER PLATE	2	
73	*44566	DRIVE SPROCKET	2	
74	*24282	CHAIN	4	740 LONG TANDEM
75	*40013	SPROCKET	4	
76	*44303	TANDEM R.H.	1	
77	*44304	TANDEM L.H.	1	
		HEAVY DUTY AXLE INSTALLATION		
78	19C-450	SNAP RING	8	OPTIONAL 740/740A
79	16789	TAB WASHER	4	
80	16792	BEARING FLANGE	4	
81	32043	BEARING CUP	4	
82	32044	BEARING CONE	4	
83	*42565	SPROCKET - 25 TOOTH	4	
84	40026	BEARING CAP	4	
85	40029	BEARING RETAINER	4	
	40030	SHIM - .005" THICK	A.R.	
86	40031	SHIM - .007" THICK	A.R.	
	40032	SHIM - .020" THICK	A.R.	
87	42489	STUB AXLE - HEAVY	1	
88	42509	HOUSING	4	
89	42569	SEAL	4	
90	50A-1012	BOLT	12	
		ODOMETER INSTALLATION		
	10510	ODOMETER - 13:00 X 24 TIRES	1	MILES
	10511	ODOMETER - 14:00 X 24 TIRES	1	
	10512	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	10973	ODOMETER - 17:5 X 25 TIRES	1	
91	11919	ODOMETER - 13:00 X 24 TIRES	1	KILOMETERS
	11920	ODOMETER - 14:00 X 24 TIRES	1	
	11921	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	11922	ODOMETER - 17:00 X 25 TIRES	1	
92	24902	SPECIAL NUT	1	
93	24903	BRACKET	1	
94	50A-0606	BOLT	2	
95	14A-06	LOCKWASHER	2	
96	14C-08	FLATWASHER	1	
97	37D-08	LOCKNUT - INCLUDED WITH ITEM 91	1	
	32338	SILICONE SEALANT - 304 mL TUBE	A.R.	
		CHAMPION ROAD MACHINERY RECOMMENDS THE USE OF SILICONE SEALANT IN PLACE OF GASKETS		

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20012 & UP

700 SERIES
SERIE 700

SECTION 7 PAGE 13
SECCION PAGINA



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 6

TANDEM ASSEMBLY - DRUM BRAKES - MODELS 710 THRU 740A

OCTOBER 1989

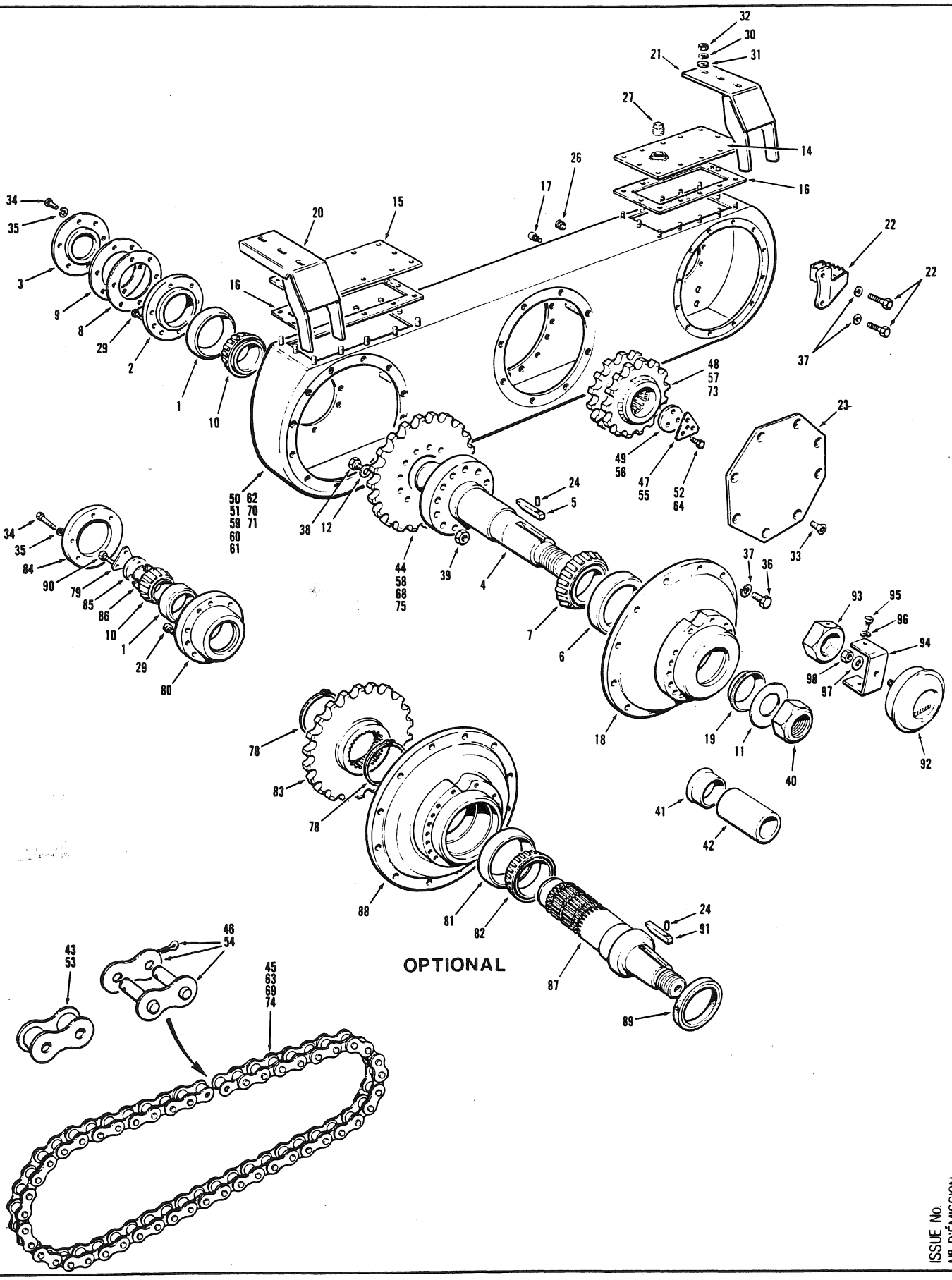
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

TANDEM ASSEMBLY - DRUM BRAKES - MODELS 710 THRU 740A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	701A	BEARING	4	
2	7035	FLANGE	4	
3	7036	CAP	4	
4	7037	STUB AXLE	4	SEE NOTE 1
5	7039	KEY	4	
6	7042A	BEARING CUP	4	
7	7042B	BEARING CONE	4	
8	7044B	SHIM - .020" THICK	A.R.	
9	7044C	SHIM - .010" THICK	A.R.	
10	7060	BEARING CONE	4	
11	7774	WASHER	4	
12	37959	WASHER	80	
13	38055	SPACER	2	
14	40005	COVER PLATE - REAR	2	
15	40006	COVER PLATE - FRONT	2	
16	40007	GASKET	4	
17	40296	VENT PLUG	2	
18	42600	HOUSING	4	
19	42602	OIL SEAL	4	
20	42982	BRAKE LINE SHIELD - R.H. REAR, L.H. FRONT	2	
21	42983	BRAKE LINE SHIELD - L.H. REAR, R.H. FRONT	2	
22	*53264	STEP L.H.	1	
	*52365	STEP R.H.	1	
	*50A-1018	BOLT	4	
23	48394	COVER PLATE	2	
24	13J-0816	PIN	4	
25	115D-02	PLUG	2	
26	*877	PLUG	4	
27	115E-24	PLUG	2	
28	50A-0608	BOLT	4	
29	50D-0608	CAPSCREW	8	
30	14A-06	LOCKWASHER	48	
31	14C-06	FLATWASHER	12	
32	30A-06	NUT	48	
33	50F-0808	CAPSCREW	16	
34	50A-0820	CAPSCREW	16	
35	14A-08	LOCKWASHER	48	
36	50A-1014	BOLT	44	
37	14A-10	LOCKWASHER	48	
38	50A-1228	BOLT	48	
39	36N-12	NUT	48	
40	37D-36	LOCKNUT	4	
	NOTE 1:	STUB AXLE KIT (TO BE USED WHEN OIL SEAL HAS WORN A GROOVE IN STUB AXLE) CONSISTS OF:		
41	17666	REPAIR SLEEVE	1	
42	17667	INSTALLATION TOOL	1	
43	27496	LINK	A.R.	MODELS 710/710A
44	29073	SPROCKET - 33 TOOTH	4	
45	29075	CHAIN - C/W CONNECTING LINK	4	
46	29095	CONNECTING LINK	A.R.	
47	36437	TAB WASHER	2	
48	37586	DRIVE SPROCKET	2	
49	37592	END CAP	2	
50	45475	TANDEM CASE - L.H.	1	
51	45476	TANDEM CASE - R.H.	1	
52	50A-0812	BOLT	6	
53	53494	LINK	A.R.	MODELS 720 THRU 730A
54	53493	CONNECTING LINK	A.R.	
55	36437	TAB WASHER	2	
56	*37592	END CAP	2	
57	*54522	DRIVE SPROCKET	2	
58	37642	SPROCKET - 30 TOOTH	2	
59	37955	TANDEM CASE - R.H. - MODELS 720/720A	1	
60	37956	TANDEM CASE - L.H. - MODELS 720/720A	1	
61	37957	TANDEM CASE - R.H. - MODELS 730/730A	1	
62	37958	TANDEM CASE - L.H. - MODELS 730/730A	1	
63	40010	CHAIN - C/W CONNECTING LINK	2	
64	50A-1014	BOLT	6	
65	18910	BRAKE LINE SHIELD - L.H. REAR, R.H. FRONT	2	MODELS 740/740A
66	18911	BRAKE LINE SHIELD - R.H. REAR, L.H. FRONT	2	
67	27449	PLUG	2	
68	42084	SPROCKET	4	
69	42118	CHAIN - C/W CONNECTING LINK	2	
70	44290	TANDEM CASE - R.H.	1	
71	44291	TANDEM CASE - L.H.	1	
72	44360	COVER PLATE	2	
73	44566	DRIVE SPROCKET	2	
74	24282	CHAIN	4	740 LONG TANDEM
75	40013	SPROCKET	4	
76	44303	TANDEM R.H.	1	
77	44304	TANDEM L.H.	1	
		HEAVY DUTY AXLE INSTALLATION		
78	19C-450	SNAP RING	8	OPTIONAL 740/740A
79	16789	TAB WASHER	4	
80	16792	BEARING FLANGE	4	
81	32043	BEARING CUP	4	
82	32044	BEARING CONE	4	
83	42565	SPROCKET - 25 TOOTH	4	
84	40026	BEARING CAP	4	
85	40029	BEARING RETAINER	4	
	40030	SHIM - .005" THICK	A.R.	
86	40031	SHIM - .007" THICK	A.R.	
	40032	SHIM - .020" THICK	A.R.	
87	42489	STUB AXLE - HEAVY	1	
88	42509	HOUSING	4	
89	42569	SEAL	4	
90	50A-1012	BOLT	12	
		ODOMETER INSTALLATION		
	10510	ODOMETER - 13:00 X 24 TIRES	1	MILES
	10511	ODOMETER - 14:00 X 24 TIRES	1	
	10512	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	10973	ODOMETER - 17:5 X 25 TIRES	1	
91	11919	ODOMETER - 13:00 X 24 TIRES	1	KILOMETERS
	11920	ODOMETER - 14:00 X 24 TIRES	1	
	11921	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	11922	ODOMETER - 17:00 X 25 TIRES	1	
92	24902	SPECIAL NUT	1	
93	24903	BRACKET	1	
94	50A-0606	BOLT	2	
95	14A-06	LOCKWASHER	2	
96	14C-08	FLATWASHER	1	
97	37D-08	LOCKNUT - INCLUDED WITH ITEM 91	1	
	32338	SILICONE SEALANT - 304 mL TUBE	A.R.	
		CHAMPION ROAD MACHINERY RECOMMENDS THE USE OF SILICONE SEALANT IN PLACE OF GASKETS		



AUGUST 1990

TANDEM ASSEMBLY - DRUM BRAKES - Models 710 thru 740A

7 REVISION A

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20719 & UP
EXCLUDING 20731

700 SERIES
SERIE 700

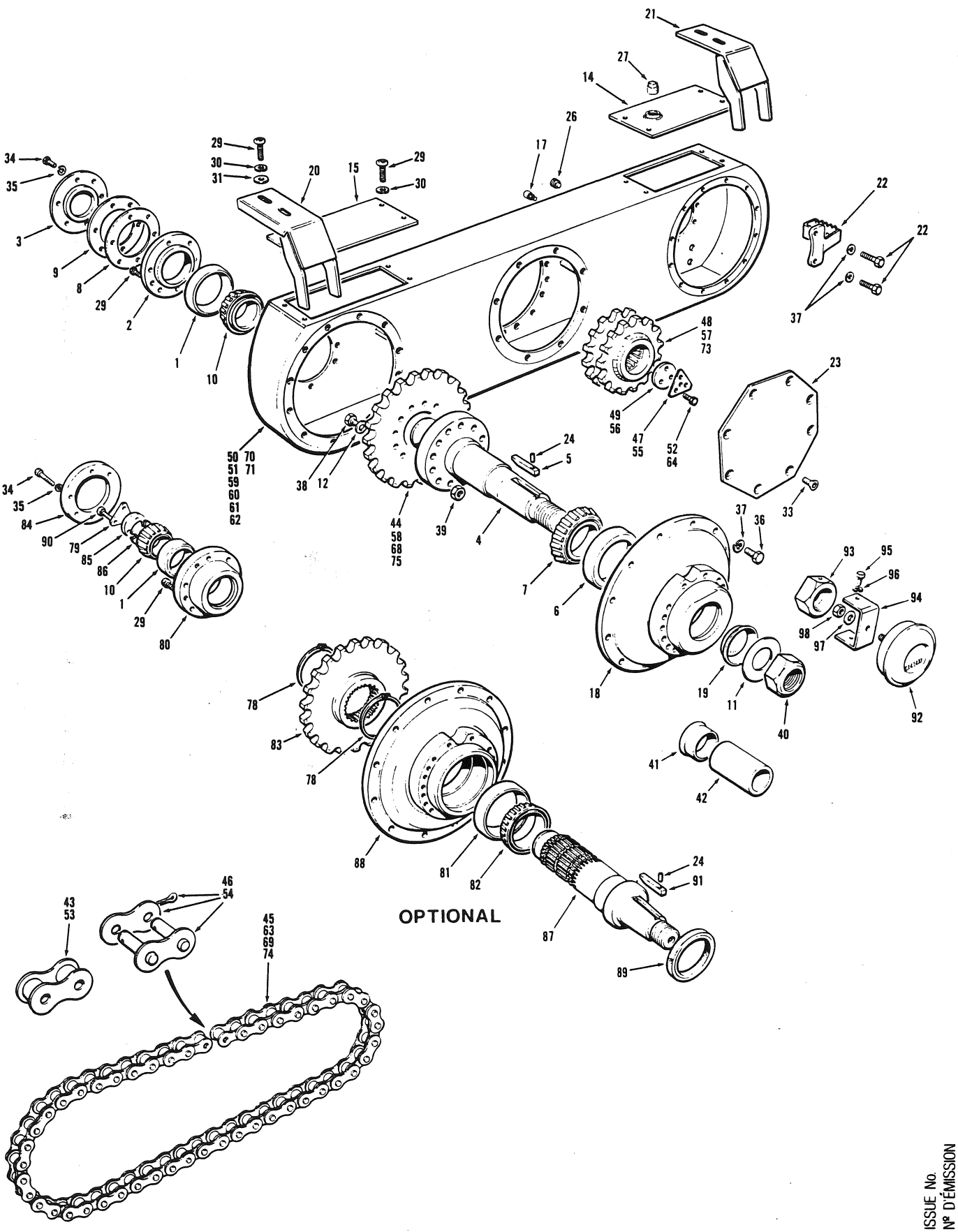
SECTION / SECCION 7 | PAGE / PAGINA 14 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 7 REVISION A

TANDEM ASSEMBLY - DRUM BRAKES - Models 710 thru 740A

AUGUST1990

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	701A	BEARING	4	
2	7035	FLANGE	4	
3	7036	CAP	4	
4	55355	STUB AXLE	4	SEE NOTE 1
5	7039	KEY	4	
6	7042A	BEARING CUP	4	
7	7042B	BEARING CONE	4	
8	*56971	SHIM - .020" THICK	1 to 5	
9	*56970	SHIM - .070" THICK	1 to 4	
	*56969	SHIM - .005" THICK	1 to 4	
10	7060	BEARING CONE	4	
11	7774	WASHER	4	
12	37959	WASHER	80	
14	40005	COVER PLATE - REAR	2	
15	40006	COVER PLATE - FRONT	2	
16	40007	GASKET	4	
17	40296	VENT PLUG	2	
18	42600	HOUSING	4	
19	42602	OIL SEAL	4	
20	42982	BRAKE LINE SHIELD - R.H. REAR, L.H. FRONT	2	
21	42983	BRAKE LINE SHIELD - L.H. REAR, R.H. FRONT	2	
22	53264	STEP L.H.	1	
	*53265	STEP R.H.	1	
	50A-1018	BOLT	4	
23	48394	COVER PLATE	2	
24	13J-0816	PIN	4	
26	877	PLUG	6	
27	115E-24	PLUG	2	
28	50A-0608	BOLT	4	
29	50D-0608	CAPSCREW	8	
30	14A-06	LOCKWASHER	48	
31	14C-06	FLATWASHER	12	
32	30A-06	NUT	48	
33	50F-0808	CAPSCREW	16	
34	50A-0820	CAPSCREW	16	
35	14A-08	LOCKWASHER	48	
36	50A-1014	BOLT	44	
37	14A-10	LOCKWASHER	48	
38	50A-1230	BOLT	48	
39	36N-12	NUT	48	
40	37D-36	LOCKNUT	4	
	NOTE 1:	STUB AXLE KIT (TO BE USED WHEN OIL SEAL HAS WORN A GROOVE IN STUB AXLE) CONSISTS OF:		
41	17666	REPAIR SLEEVE	1	
42	17667	INSTALLATION TOOL	1	
43	27496	LINK	1	MODELS 710/710A
44	29073	SPROCKET - 33 TOOTH	4	
45	29075	CHAIN - C/W CONNECTING LINK	4	
46	29095	CONNECTING LINK	1	
47	36437	TAB WASHER	2	
48	55352	DRIVE SPROCKET	2	
49	37592	END CAP	2	
50	45475	TANDEM CASE - L.H.	1	
51	45474	TANDEM CASE - R.H.	1	
52	50A-0812	BOLT	6	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
53	53494	LINK	1	MODELS 720 THRU 730A
54	53493	CONNECTING LINK	1	
55	36437	TAB WASHER	2	
56	37592	END CAP	2	
57	55354	DRIVE SPROCKET	2	
58	37642	SPROCKET - 30 TOOTH	2	
59	37955	TANDEM CASE - R.H. - MODELS 720/720A	1	
60	37956	TANDEM CASE - L.H. - MODELS 720/720A	1	
61	37957	TANDEM CASE - R.H. - MODELS 730/730A	1	
62	37958	TANDEM CASE - L.H. - MODELS 730/730A	1	
63	40010	CHAIN - C/W CONNECTING LINK	2	
64	50A-1014	BOLT	6	
68	37642	SPROCKET	4	MODELS 740/740A
69	24282	CHAIN - C/W CONNECTING LINK	2	
70	56462	TANDEM CASE - R.H.	1	
71	56463	TANDEM CASE - L.H.	1	
73	56007	DRIVE SPROCKET	2	
74	56483	CHAIN	4	740 LONG TANDEM
75	37983	SPROCKET	4	
76	56464	TANDEM R.H.	1	
77	*56465	TANDEM L.H.	1	
		HEAVY DUTY AXLE INSTALLATION		
78	19C-450	SNAP RING	8	OPTIONAL 740/740A
79	16789	TAB WASHER	4	
80	16792	BEARING FLANGE	4	
81	32043	BEARING CUP	4	
82	32044	BEARING CONE	4	
83	37983	SPROCKET - 30 TOOTH	4	
84	40026	BEARING CAP	4	
85	40029	BEARING RETAINER	4	
86	40030	SHIM - .005" THICK	1	
	40031	SHIM - .007" THICK	1	
	40032	SHIM - .020" THICK	1	
87	55356	STUB AXLE - HEAVY	1	
88	42509	HOUSING	4	
89	42569	SEAL	4	
90	50A-1012	BOLT	12	
91	56691	KEY	4	
		ODOMETER INSTALLATION		
	10510	ODOMETER - 13:00 X 24 TIRES	1	MILES
	10511	ODOMETER - 14:00 X 24 TIRES	1	
	10512	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	10973	ODOMETER - 17:5 X 25 TIRES	1	
92	11919	ODOMETER - 13:00 X 24 TIRES	1	KILOMETERS
	11920	ODOMETER - 14:00 X 24 TIRES	1	
	11921	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	11922	ODOMETER - 17:00 X 25 TIRES	1	
93	24902	SPECIAL NUT	1	
94	24903	BRACKET	1	
95	50A-0606	BOLT	2	
96	14A-06	LOCKWASHER	2	
97	14C-08	FLATWASHER	1	
98	37D-08	LOCKNUT - INCLUDED WITH ITEM 92	1	
	32338	SILICONE SEALANT - 304 mL TUBE	A.R.	
		CHAMPION ROAD MACHINERY RECOMMENDS THE USE OF SILICONE SEALANT IN PLACE OF GASKETS		



CHAMPION ROAD MACHINERY

MARCH 1991

TANDEM ASSEMBLY - DRUM BRAKES - Models 710 thru 740A

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 8

EFFECTIVE SERIAL NUMBER(S) 21254 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

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SECTION / SECCION 7 | PAGE / PAGINA 14 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 8

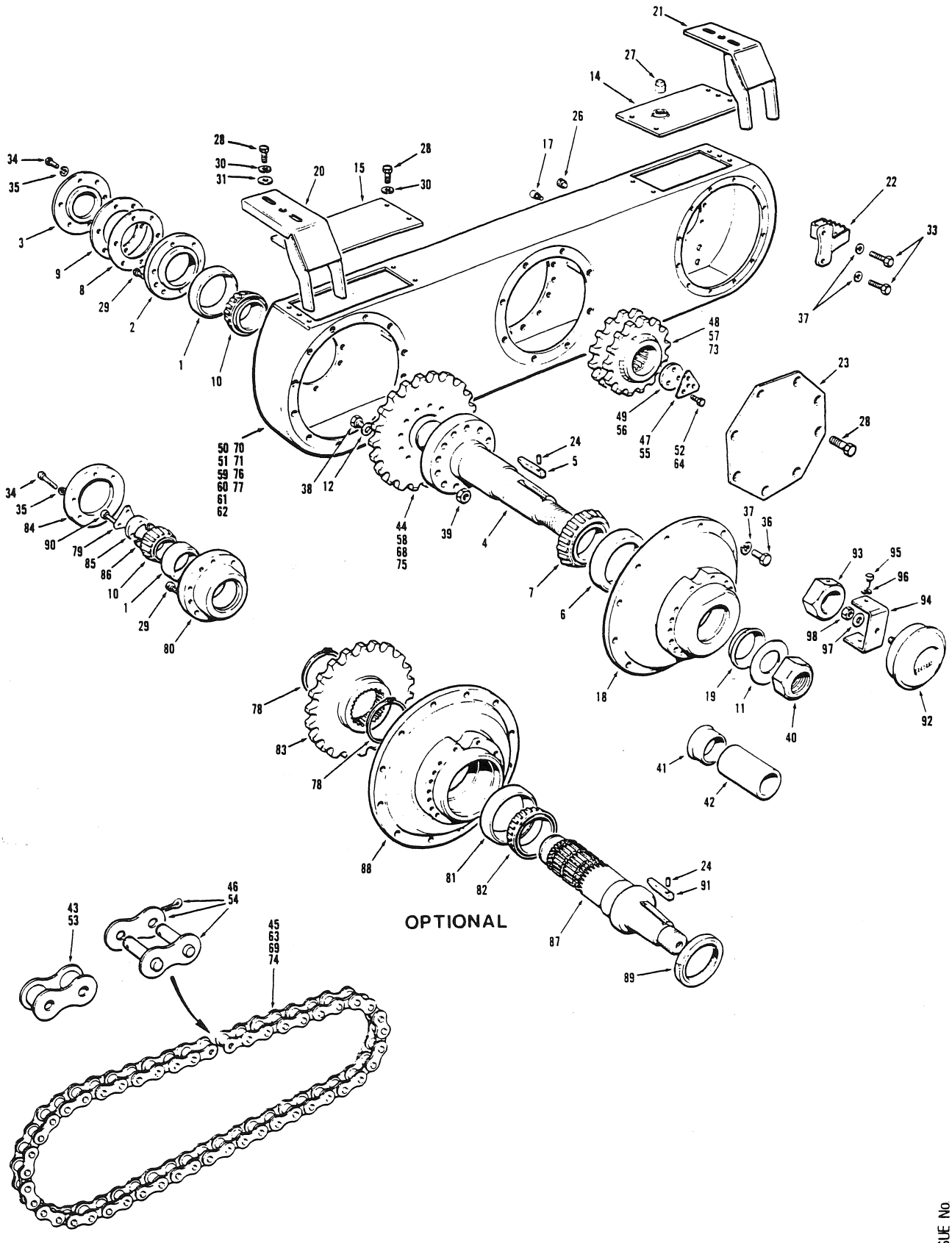
TANDEM ASSEMBLY - DRUM BRAKES - Models 710 thru 740A

MARCH 1991

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	701A	BEARING	4	
2	7035	FLANGE	4	
3	7036	CAP	4	
4	55355	STUB AXLE	4	SEE NOTE 1
5	7039	KEY	4	
6	7042A	BEARING CUP	4	
7	7042B	BEARING CONE	4	
8	*56971	SHIM - .020" THICK	1 to 5	
9	*56970	SHIM - .070" THICK	1 to 4	
	*56969	SHIM - .005" THICK	1 to 4	
10	7060	BEARING CONE	4	
11	7774	WASHER	4	
12	37959	WASHER	80	
14	*58145	COVER PLATE - REAR	2	
15	*58146	COVER PLATE - FRONT	2	
17	*3689	VENT PLUG	2	
18	42600	HOUSING	4	
19	42602	OIL SEAL	4	
20	*58140	BRAKE LINE SHIELD - R.H. REAR, L.H. FRONT	2	
21	*58141	BRAKE LINE SHIELD - L.H. REAR, R.H. FRONT	2	
22	*58415	STEP	2	
	50A-1018	BOLT	4	
23	*58154	COVER PLATE	2	
24	13J-0816	PIN	4	
26	877	PLUG	6	
27	115E-24	PLUG	2	
28	50A-0608	BOLT	4	
29	*50F-0610	CAPSCREW	8	
30	14A-06	LOCKWASHER	48	
31	14C-06	FLATWASHER	12	
33	*50F-0612	CAPSCREW	16	
34	50A-0820	CAPSCREW	16	
35	14A-08	LOCKWASHER	48	
36	50A-1014	BOLT	44	
37	14A-10	LOCKWASHER	48	
38	50A-1230	BOLT	48	
39	36N-12	NUT	48	
40	37D-36	LOCKNUT	4	
	NOTE 1:	**STUB AXLE KIT** (TO BE USED WHEN OIL SEAL HAS WORN A GROOVE IN STUB AXLE) CONSISTS OF:		
41	17666	REPAIR SLEEVE	1	
42	17667	INSTALLATION TOOL	1	
43	27496	LINK	1	
44	29073	SPROCKET - 33 TOOTH	4	
45	29075	CHAIN - C/W CONNECTING LINK	4	
46	29095	CONNECTING LINK	1	
47	36437	TAB WASHER	2	710/710A
48	55352	DRIVE SPROCKET	2	
49	37592	END CAP	2	
50	*58206	TANDEM CASE - L.H.	1	
51	*58207	TANDEM CASE - R.H.	1	
52	50A-0812	BOLT	6	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
53	53494	LINK	1	
54	53493	CONNECTING LINK	1	
55	36437	TAB WASHER	2	
56	37592	END CAP	2	
57	55354	DRIVE SPROCKET	2	
58	37642	SPROCKET - 30 TOOTH	2	720 thru 730A
59	*58209	TANDEM CASE - R.H. - MODELS 720/720A	1	
60	*58208	TANDEM CASE - L.H. - MODELS 720/720A	1	
61	*58211	TANDEM CASE - R.H. - MODELS 730/730A	1	
62	*58210	TANDEM CASE - L.H. - MODELS 730/730A	1	
63	40010	CHAIN - C/W CONNECTING LINK	2	
64	50A-1014	BOLT	6	
68	37642	SPROCKET	4	
69	24282	CHAIN - C/W CONNECTING LINK	2	740/740A
70	*58131	TANDEM CASE - R.H.	1	
71	*58130	TANDEM CASE - L.H.	1	
73	56007	DRIVE SPROCKET	2	
74	56483	CHAIN	4	
75	37983	SPROCKET	4	740 LONG TANDEM
76	*58212	TANDEM R.H.	1	
77	*58213	TANDEM L.H.	1	
		HEAVY DUTY AXLE INSTALLATION		
78	19C-450	SNAP RING	8	
79	16789	TAB WASHER	4	
80	16792	BEARING FLANGE	4	
81	32043	BEARING CUP	4	
82	32044	BEARING CONE	4	
83	37983	SPROCKET - 30 TOOTH	4	
84	40026	BEARING CAP	4	OPTIONAL 740/740A
85	40029	BEARING RETAINER	4	
86	40030	SHIM - .005" THICK	1	
	40031	SHIM - .007" THICK	1	
	40032	SHIM - .020" THICK	1	
87	55356	STUB AXLE - HEAVY	1	
88	42509	HOUSING	4	
89	42569	SEAL	4	
90	50A-1012	BOLT	12	
91	56691	KEY	4	
		ODOMETER INSTALLATION		
92	10510	ODOMETER - 13:00 X 24 TIRES	1	MILES
	10511	ODOMETER - 14:00 X 24 TIRES	1	
	10512	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	10973	ODOMETER - 17:5 X 25 TIRES	1	
	11919	ODOMETER - 13:00 X 24 TIRES	1	KILOMETERS
	11920	ODOMETER - 14:00 X 24 TIRES	1	
	11921	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	11922	ODOMETER - 17:00 X 25 TIRES	1	
93	24902	SPECIAL NUT	1	
94	24903	BRACKET	1	
95	50A-0606	BOLT	2	
96	14A-06	LOCKWASHER	2	
97	14C-08	FLATWASHER	1	
98	37D-08	LOCKNUT - INCLUDED WITH ITEM 92	1	
	32338	SILICONE SEALANT - 304 mL TUBE	A.R.	
		CHAMPION ROAD MACHINERY RECOMMENDS THE USE OF SILICONE SEALANT IN PLACE OF GASKETS		

CHAMPION ROAD MACHINERY



TANDEM ASSEMBLY - DRUM BRAKES - Models 710 thru 740A

JUNE 1991

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 9

FOR LIST OF PARTS, TURN THIS PAGE · POUR LA LISTE DES PIÈCES, VOIR AU VERSO · PARA LA LISTA DE LAS PIEZAS, VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 21498 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S) EXCLUDING 21530
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 7 PAGE 13
SECCION PAGINA

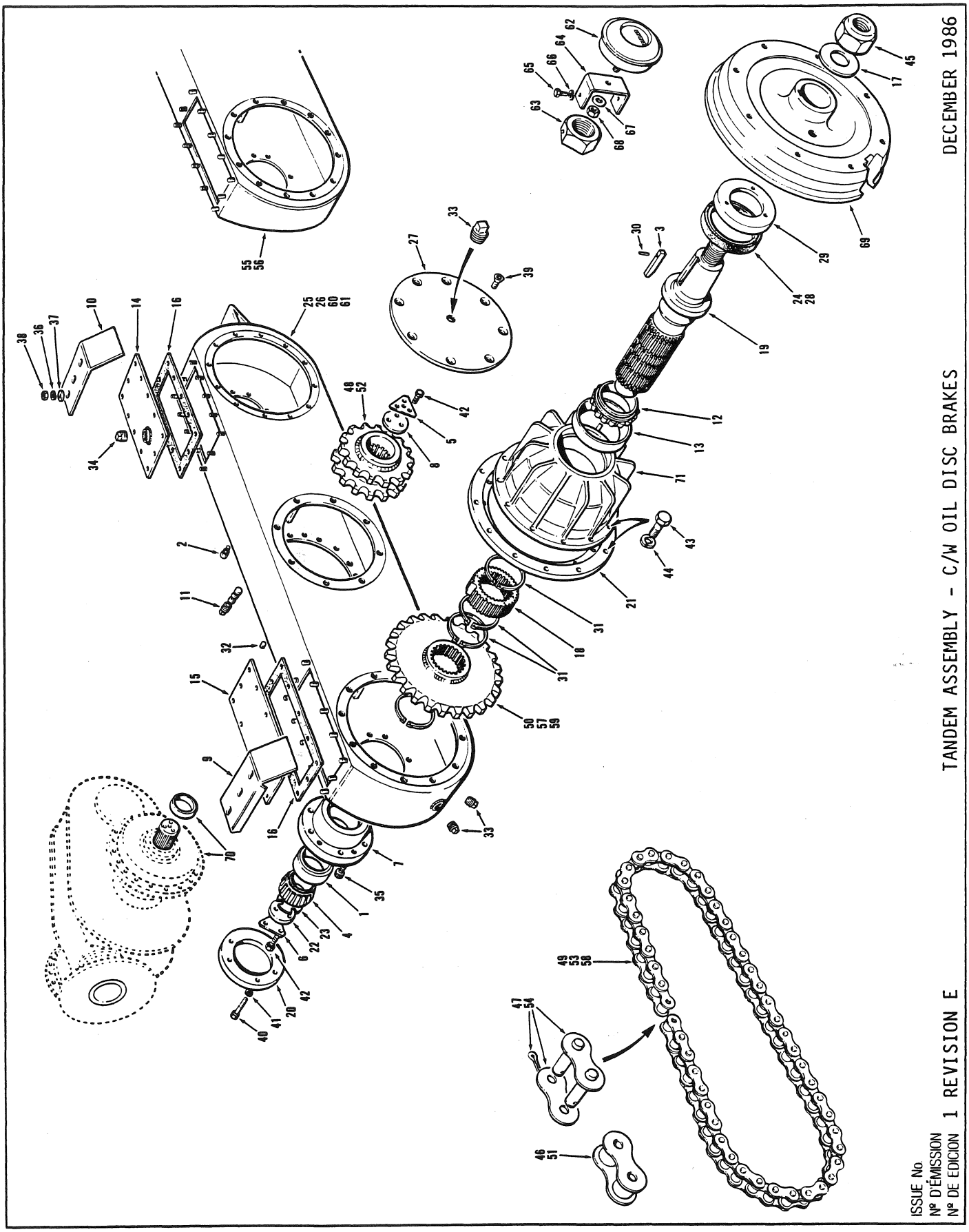
SECTION / SECCION 7 | PAGE / PAGINA 14 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 9

TANDEM ASSEMBLY - DRUM BRAKES - Models 710 thru 740A

JUNE 1991

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	701A	BEARING	4	
2	7035	FLANGE	4	
3	7036	CAP	4	
4	55355	STUB AXLE	4	SEE NOTE 1
5	7039	KEY	4	
6	7042A	BEARING CUP	4	
7	7042B	BEARING CONE	4	
8	56971	SHIM - .020" THICK	1 to 5	
9	56970	SHIM - .070" THICK	1 to 4	
	56969	SHIM - .005" THICK	1 to 4	
10	7060	BEARING CONE	4	
11	7774	WASHER	4	
12	37959	WASHER	80	
14	*58894	COVER PLATE - REAR	2	
15	*58895	COVER PLATE - FRONT	2	
17	3689	VENT PLUG	2	
18	42600	HOUSING	4	
19	42602	OIL SEAL	4	
20	*58901	BRAKE LINE SHIELD - R.H. REAR & L.H. FRONT	2	
21	*58902	BRAKE LINE SHIELD - L.H. REAR & R.H. FRONT	2	
22	58415	STEP	2	
23	58154	COVER PLATE	2	
24	13J-0816	PIN	4	
26	877	PLUG	6	
27	115E-24	PLUG	2	
28	50A-0608	BOLT	4	
29	*50D-0608	CAPSCREW	8	
30	14A-06	LOCKWASHER	48	
31	*14C-06Zi	FLATWASHER	12	
33	50A-1018	BOLT	4	
34	50A-0820	CAPSCREW	16	
35	14A-08	LOCKWASHER	48	
36	50A-1014	BOLT	44	
37	14A-10	LOCKWASHER	48	
38	50A-1230	BOLT	48	
39	36N-12	NUT	48	
40	37D-36	LOCKNUT	4	
	NOTE 1:	STUB AXLE KIT (TO BE USED WHEN OIL SEAL HAS WORN A GROOVE IN STUB AXLE) CONSISTS OF:		
41	17666	REPAIR SLEEVE	1	
42	17667	INSTALLATION TOOL	1	
43	27496	LINK	1	710/710A
44	29073	SPROCKET - 33 TOOTH	4	
45	29075	CHAIN - C/W CONNECTING LINK	4	
46	29095	CONNECTING LINK	1	
47	36437	TAB WASHER	2	
48	55352	DRIVE SPROCKET	2	
49	37592	END CAP	2	
50	*58911	TANDEM CASE - L.H.	1	
51	*58912	TANDEM CASE - R.H.	1	
52	50A-0812	BOLT	6	
53	53494	LINK	1	720 thru 730A
54	53493	CONNECTING LINK	1	
55	36437	TAB WASHER	2	
56	37592	END CAP	2	
57	55354	DRIVE SPROCKET	2	
58	37642	SPROCKET - 30 TOOTH	2	
59	*58914	TANDEM CASE - R.H. - MODELS 720/720A	1	
60	*58913	TANDEM CASE - L.H. - MODELS 720/720A	1	
61	*58916	TANDEM CASE - R.H. - MODELS 730/730A	1	
62	*58915	TANDEM CASE - L.H. - MODELS 730/730A	1	
63	40010	CHAIN - C/W CONNECTING LINK	2	
64	50A-1014	BOLT	6	
68	37642	SPROCKET	4	740/740A
69	24282	CHAIN - C/W CONNECTING LINK	2	
70	*58910	TANDEM CASE - R.H.	1	
71	*58909	TANDEM CASE - L.H.	1	
73	*56054	DRIVE SPROCKET	2	740 LONG TANDEM
74	56483	CHAIN	4	
75	37983	SPROCKET	4	
76	*58917	TANDEM CASE R.H.	1	
77	*58918	TANDEM CASE L.H.	1	
		HEAVY DUTY AXLE INSTALLATION		
78	19C-450	SNAP RING	8	OPTIONAL 740/740A
79	16789	TAB WASHER	4	
80	16792	BEARING FLANGE	4	
81	32043	BEARING CUP	4	
82	32044	BEARING CONE	4	
83	37983	SPROCKET - 30 TOOTH	4	
84	40026	BEARING CAP	4	
85	40029	BEARING RETAINER	4	
86	40030	SHIM - .005" THICK	1	
	40031	SHIM - .007" THICK	1	
	40032	SHIM - .020" THICK	1	
87	55356	STUB AXLE - HEAVY	1	
88	42509	HOUSING	4	
89	42569	SEAL	4	
90	50A-1012	BOLT	12	
91	56691	KEY	4	
		ODOMETER INSTALLATION		
92	10510	ODOMETER - 13:00 X 24 TIRES	1	MILES
	10511	ODOMETER - 14:00 X 24 TIRES	1	
	10512	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	10973	ODOMETER - 17:5 X 25 TIRES	1	
	11919	ODOMETER - 13:00 X 24 TIRES	1	KILOMETERS
	11920	ODOMETER - 14:00 X 24 TIRES	1	
	11921	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	11922	ODOMETER - 17:00 X 25 TIRES	1	
93	24902	SPECIAL NUT	1	
94	24903	BRACKET	1	
95	50A-0606	BOLT	2	
96	14A-06	LOCKWASHER	2	
97	14C-08	FLATWASHER	1	
98	37D-08	LOCKNUT - INCLUDED WITH ITEM 92	1	
	32338	SILICONE SEALANT - 304 mL TUBE	A.R.	
		CHAMPION ROAD MACHINERY RECOMMENDS THE USE OF SILICONE SEALANT IN PLACE OF GASKETS		

CHAMPION ROAD MACHINERY



TANDEM ASSEMBLY - C/W OIL DISC BRAKES

DECEMBER 1986

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION E

FOR LIST OF PARTS, TURN THIS PAGE — POUR LA LISTE DES PIÈCES, VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS, VEA AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16277 TO 16799
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

U.S. 2273-2 TO 2418-2

700 SERIES
SERIE 700

SECTION 7 PAGE 15
SECCION PAGINA

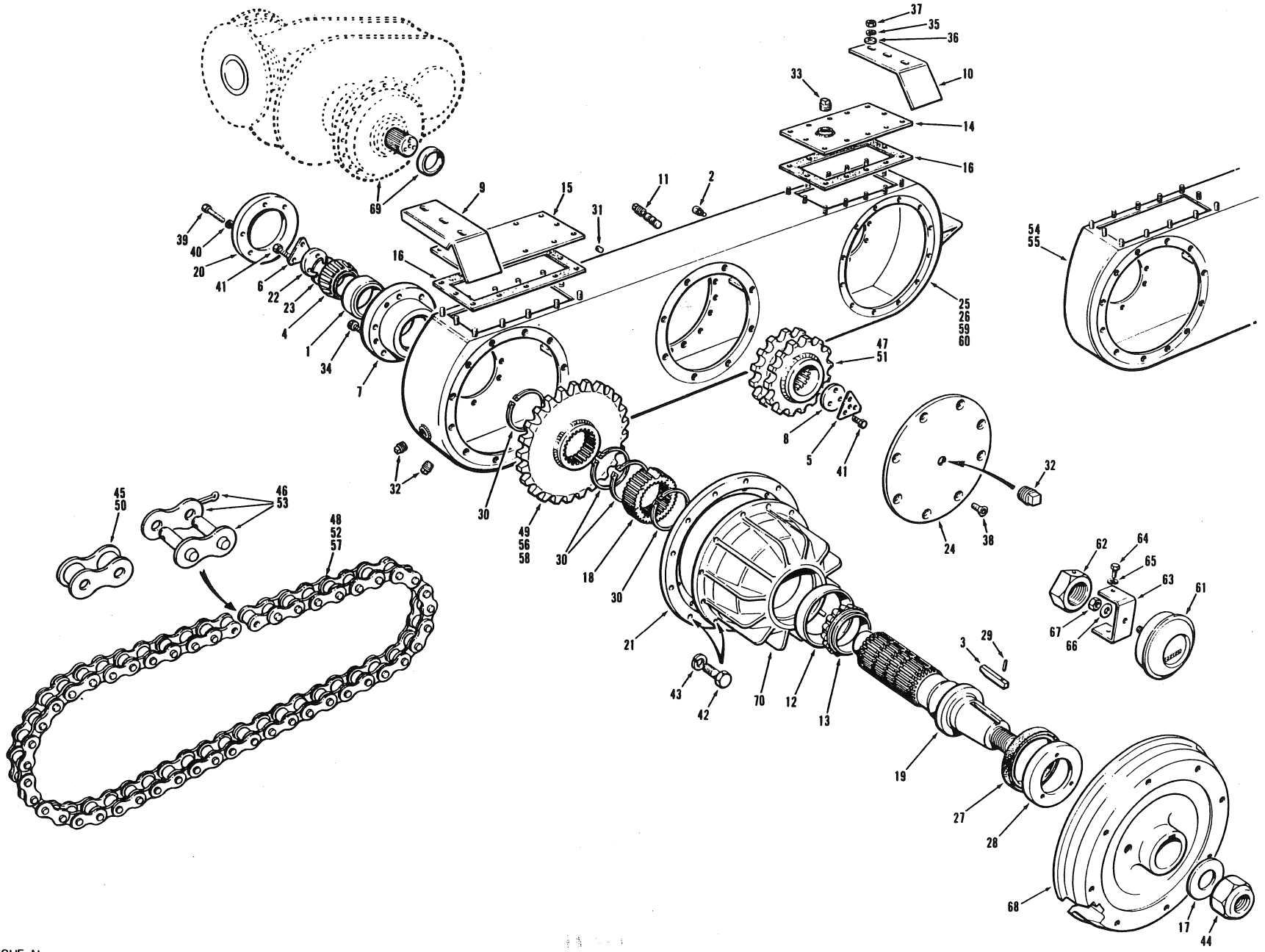
SECTION / SECCION 7 | PAGE / PAGINA 16 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 1 REVISION E

TANDEM ASSEMBLY - C/W OIL DISC BRAKES

DECEMBER 1986

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	701A	BEARING CUP	4	
2	*3689	BREATHER	2	
3	7039	KEY	4	
4	7060	BEARING CONE	4	
5	12653	TAB WASHER	2	
6	16789	TAB WASHER	4	
7	16792	FLANGE	4	
8	17981	END CAP	2	
9	18910	BRAKE LINE SHIELD - R.H. REAR, L.H. FRONT	2	
10	18911	BRAKE LINE SHIELD - L.H. REAR, R.H. FRONT	2	
11	27449	MAGNETIC PLUG	4	
12	32043	BEARING CONE	4	
13	32044	BEARING CUP	4	
14	40005	COVER PLATE - REAR	2	
15	40006	COVER PLATE - FRONT	2	
16	40007	GASKET	4	
17	40017	WASHER	4	
18	40024	SLEEVE	4	
19	40025	AXLE	4	
20	40026	CAP	4	
21	40028	ADAPTOR RING	4	
22	40029	RETAINER	4	
23	40030	SHIM - .005"	A.R.	
	40031	SHIM - .007"	A.R.	
	40032	SHIM - .020"	A.R.	
24	40033	SEAL	4	UP TO SER. NO.16520
25	40034	TANDEM CASE - R.H.	1	
26	40035	TANDEM CASE - L.H.	1	
27	40036	COVER PLATE	2	
28	*42569	SEAL	4	16598 & UP
29	*43837	GUARD	4	AS REQ'D
30	13J-0816	PIN	4	
31	19C-450	RETAINER RING	16	
32	115D-02	PLUG	2	
33	115E-12	PLUG	6	
34	115E-24	PLUG	2	
35	50D-0610	CAPSCREW	8	
36	14A-06	LOCKWASHER	48	
37	14C-06	FLATWASHER	12	
38	30A-06	NUT	48	
39	50E-0808	CAPSCREW	16	
40	50A-0820	BOLT	24	
41	14A-08	LOCKWASHER	24	
42	50A-1012	BOLT	18	
43	50A-1014	BOLT	96	
44	14A-10	LOCKWASHER	96	
45	37D-36	LOCKNUT	4	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CHAIN AND SPROCKETS		
46	10858-1	LINK	A.R.	
47	11230	CONNECTING LINK	A.R.	MODEL 720
48	33254	DRIVE SPROCKET - 25 TOOTH	4	THRU 760
49	40010	CHAIN C/W CONNECTING LINK	4	
50	*40013	SPROCKET - 29 TOOTH	4	
51	27496	LINK	A.R.	
52	29051	DRIVE SPROCKET - 11 TOOTH	2	
53	29075	CHAIN C/W CONNECTING LINK	4	MODEL 710
54	29095	CONNECTING LINK	A.R.	& 710A
55	40221	TANDEM CASE - L.H.	1	
56	40222	TANDEM CASE - R.H.	1	
57	42159	SPROCKET - 33 TOOTH	4	
58	24282	CHAIN C/W CONNECTING LINK	4	LONG TANDEM
59	40013	SPROCKET - 29 TOOTH	4	OPTIONAL
60	41483	TANDEM CASE - L.H.	1	740 & 760
61	41484	TANDEM CASE - R.H.	1	
		ODOMETER INSTALLATION		OPTIONAL
62	10510	ODOMETER - 13:00 X 24 TIRES	1	MILES
	10511	ODOMETER - 14:00 X 24 TIRES	1	
	10512	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	10973	ODOMETER - 17:5 X 25 TIRES	1	
	11919	ODOMETER - 13:00 X 24 TIRES	1	KILOMETERS
	11920	ODOMETER - 14:00 X 24 TIRES	1	
	11921	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	11922	ODOMETER - 17:5 X 25 TIRES	1	
63	24902	SPECIAL NUT	1	
64	24903	BRACKET	1	
65	51A-0606	BOLT	2	
66	14A-06	LOCKWASHER	2	
67	14C-08	FLATWASHER	1	
68	37D-08	LOCKNUT - INCLUDED WITH ITEM 62	1	
69		WHEELS, RIMS & TIRES	REF.	SECTION 7 PAGES 5/6
70		FINAL DRIVE INSTALLATION	REF.	SECTION 7 PGS. 7,9,11
71		OIL DISC BRAKE ASSEMBLY	REF.	SECTION 9 PGS. 13/14
	*32338	SILICONE SEALANT - 304 mL TUBE CHAMPION ROAD MACHINERY RECOMMENDS THE USE OF SILICONE SEALANT IN PLACE OF GASKETS.	A.R.	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2

TANDEM ASSEMBLY - C/W OIL DISC BRAKES

JANUARY 1987

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16903 TO 17693
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2560-2 TO 2622-2

700 SERIES
SERIE 700

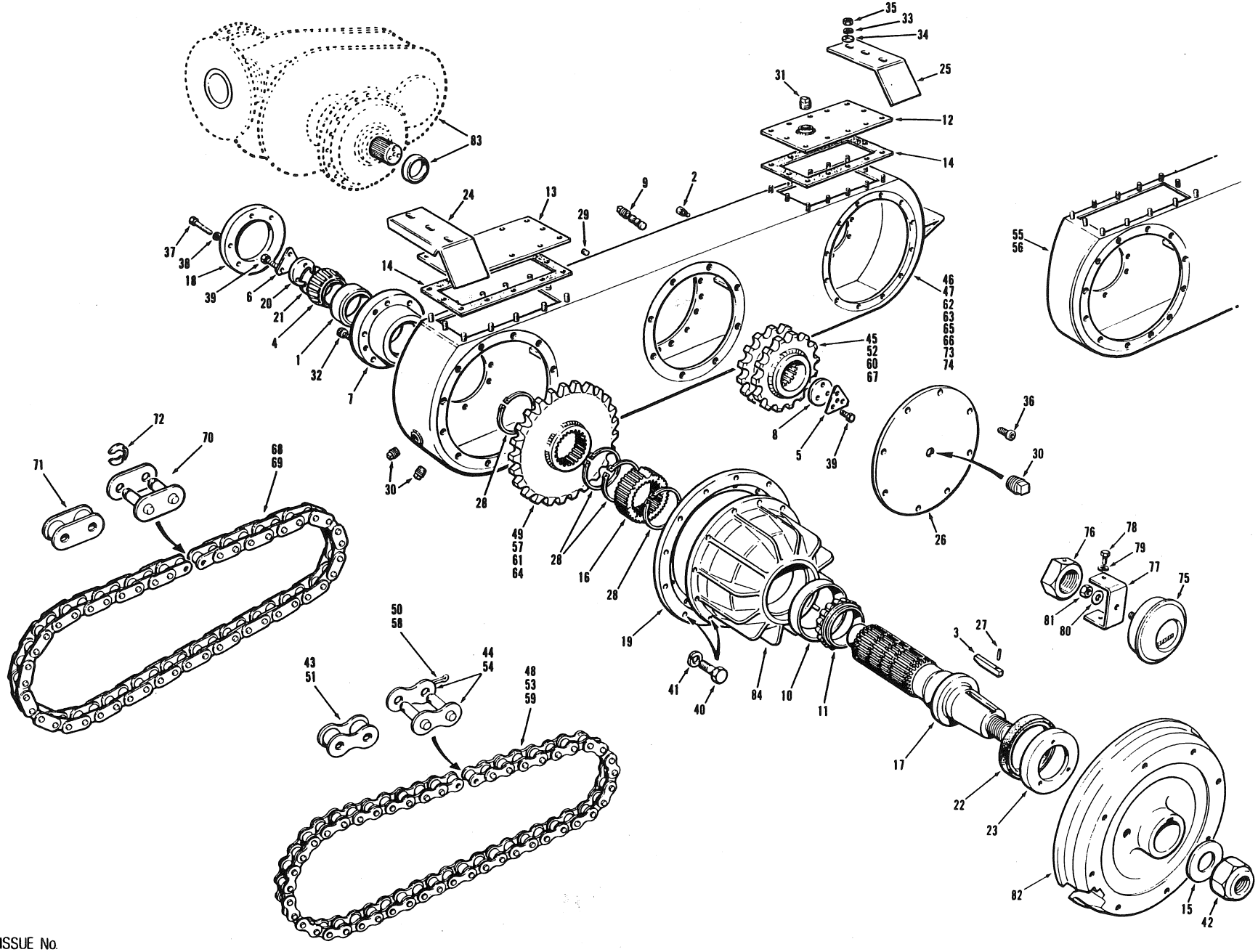
SECTION 7 PAGE
SECCION PAGINA 15

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	701A	BEARING CUP	4	
2	3689	BREATHER	2	
3	7039	KEY	4	
4	7060	BEARING CONE	4	
5	12653	TAB WASHER	2	
6	16789	TAB WASHER	4	
7	16792	FLANGE	4	
8	17981	END CAP	4	
9	*44262	BRAKE LINE SHIELD - R.H. REAR, L.H. FRONT	2	
10	*44263	BRAKE LINE SHIELD - L.H. REAR, R.H. FRONT	2	
11	27449	MAGNETIC PLUG	4	
12	32043	BEARING CUP	4	
13	32044	BEARING CONE	4	
14	40005	COVER PLATE - REAR	2	
15	40006	COVER PLATE - FRONT	2	
16	40007	GASKET	4	
17	40017	WASHER	4	
18	40024	SLEEVE	4	
19	40025	AXLE	4	
20	40026	CAP	4	
21	40028	ADAPTOR RING	4	
22	40029	RETAINER	4	
23	40030	SHIM - .005"	A.R.	
	40031	SHIM - .007"	A.R.	
	40032	SHIM - .020"	A.R.	
	44246	SHIM - .040"	A.R.	
24	40036	COVER PLATE	2	
25	*42112	TANDEM CASE - R.H.	1	MODEL 720 THRU 760
26	*42113	TANDEM CASE - L.H.	1	
27	42569	SEAL	4	
28	43837	GUARD	4	
29	13J-0816	PIN	4	
30	19C-450	SNAP RING	16	
31	115D-02	PLUG	2	
32	115E-12	PLUG	6	
33	115E-24	PLUG	2	
34	50D-0610	CAPSCREW	8	
35	14A-06	LOCKWASHER	48	
36	14C-06	FLATWASHER	12	
37	30A-06	NUT	48	
38	50E-0808	CAPSCREW	16	
39	50A-0820	BOLT	24	
40	14A-08	LOCKWASHER	24	
41	50A-1012	BOLT	18	
42	50A-1014	BOLT	96	
43	14A-10	LOCKWASHER	96	
44	37D-36	LOCKNUT	4	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CHAIN AND SPROCKETS		
45	10858-1	LINK	A.R.	MODEL 720 THRU 760
46	11230	CONNECTING LINK	A.R.	
47	33254	DRIVE SPROCKET - 13 TOOTH	2	
48	*42118	CHAIN C/W CONNECTING LINK	4	
49	*42565	SPROCKET - 25 TOOTH	4	
50	27496	LINK	A.R.	MODEL 710 & 710A
51	29051	DRIVE SPROCKET - 11 TOOTH	2	
52	29075	CHAIN C/W CONNECTING LINK	4	
53	29095	CONNECTING LINK	A.R.	
54	40221	TANDEM CASE - L.H.	1	
55	40222	TANDEM CASE - R.H.	1	
56	42159	SPROCKET - 33 TOOTH	4	
57	24282	CHAIN C/W CONNECTING LINK	4	LONG TANDEM OPTIONAL 740 & 760
58	40013	SPROCKET - 29 TOOTH	4	
59	41483	TANDEM CASE - L.H.	1	
60	41484	TANDEM CASE - R.H.	1	
		ODOMETER INSTALLATION		OPTIONAL
61	10510	ODOMETER - 13:00 X 24 TIRES	1	MILES
	10511	ODOMETER - 14:00 X 24 TIRES	1	
	10512	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	10973	ODOMETER - 17:5 X 25 TIRES	1	
	11919	ODOMETER - 13:00 X 24 TIRES	1	KILOMETERS
	11920	ODOMETER - 14:00 X 24 TIRES	1	
	11921	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	11922	ODOMETER - 17:5 X 25 TIRES	1	
62	24902	SPECIAL NUT	1	
63	24903	BRACKET	1	
64	51A-0606	BOLT	2	
65	14A-06	LOCKWASHER	2	
66	14C-08	FLATWASHER	1	
67	37D-08	LOCKNUT - INCLUDED WITH ITEM 61	1	
68		WHEELS, RIMS & TIRES	REF.	SECTION 7 PAGES 5/6
69		FINAL DRIVE INSTALLATION	REF.	SECTION 7 PGS.7,9,11
70		OIL DISC BRAKE ASSEMBLY	REF.	SECTION 9 PGS. 13/14
	*32338	SILICONE SEALANT - 304 mL TUBE	A.R.	
		CHAMPION ROAD MACHINERY RECOMMENDS THE USE OF SILICONE SEALANT IN PLACE OF GASKETS.		

EFFECTIVE SERIAL NUMBER(S) 17739 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3 REVISION C

TANDEM ASSEMBLY - C/W OIL DISC BRAKES

AUGUST 1988

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

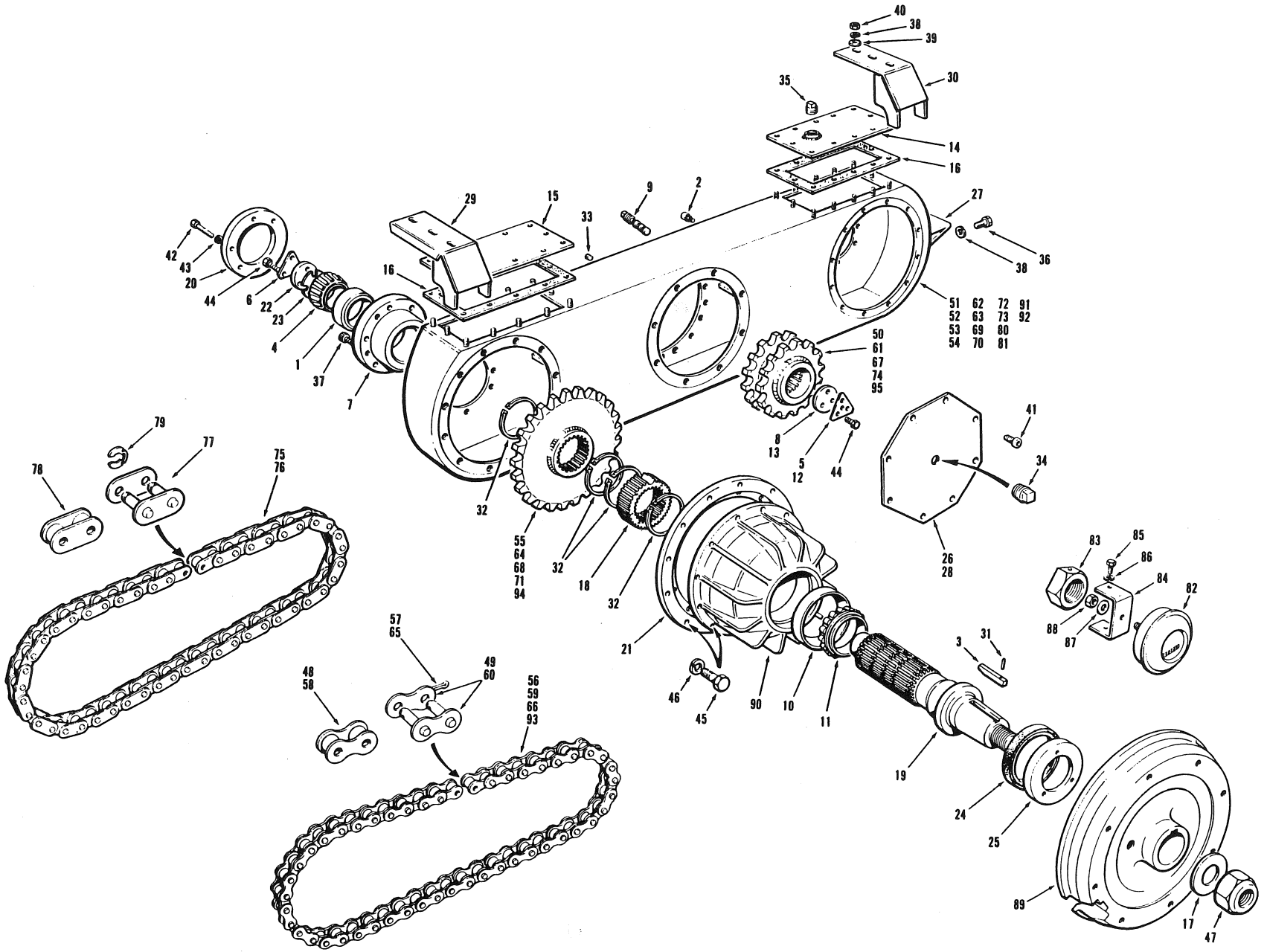
700 SERIES
SERIE 700

SECTION 7 PAGE
SECCION 7 PAGINA 15

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	701A	BEARING CUP	4	
2	3689	BREATHER	2	
3	7039	KEY	4	
4	7060	BEARING CONE	4	
5	12653	TAB WASHER	2	
6	16789	TAB WASHER	4	
7	16792	FLANGE	4	
8	17981	END CAP	4	
9	27449	MAGNETIC PLUG	4	
10	32043	BEARING CUP	4	
11	32044	BEARING CONE	4	
12	40005	COVER PLATE - REAR	2	
13	40006	COVER PLATE - FRONT	2	
14	40007	GASKET	4	
15	40017	WASHER	4	
16	40024	SLEEVE	4	
17	40025	AXLE	4	
18	40026	CAP	4	
19	40028	ADAPTOR RING	4	
20	40029	RETAINER	4	
21	40030	SHIM - .005"	6	
	40031	SHIM - .007"	6	
	40032	SHIM - .020"	4	
	44246	SHIM - .040"	2	
22	42569	SEAL	4	
23	43837	GUARD	4	
24	44262	BRAKE LINE SHIELD - R.H. REAR, L.H. FRONT	1	
25	44263	BRAKE LINE SHIELD - L.H. REAR, R.H. FRONT	1	
26	44361	COVER PLATE	2	
27	13J-0816	PIN	4	
28	19C-450	SNAP RING	16	
29	115D-02	PLUG	2	
30	115E-12	PLUG	6	
31	115E-24	PLUG	2	
32	50D-0610	CAPSCREW	8	
33	14A-06	LOCKWASHER	48	
34	14C-06	FLATWASHER	12	
35	30A-06	NUT	48	
36	50F-0808	CAPSCREW	16	
37	50A-0820	BOLT	24	
38	14A-08	LOCKWASHER	24	
39	50A-1012	BOLT	18	
40	50A-1014	BOLT	96	
41	14A-10	LOCKWASHER	96	
42	37D-36	LOCKNUT	4	
	32338	SILICONE SEALANT - 304 mL TUBE	A.R.	
		CHAMPION ROAD MACHINERY RECOMMENDS THE USE OF SILICONE SEALANT IN PLACE OF GASKETS.		

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CHAIN AND SPROCKETS		
43	10858-1	LINK	A.R.	
44	11230	CONNECTING LINK	A.R.	
45	44566	DRIVE SPROCKET - 13 TOOTH	2	
46	44290	TANDEM CASE - R.H.	1	MODEL 720 THRU 760A
47	44291	TANDEM CASE - L.H.	1	
48	42118	CHAIN C/W CONNECTING LINK ITEM 44	4	
49	42565	SPROCKET - 25 TOOTH	4	
50	13M-0929	COTTER PIN	A.R.	
51	27496	LINK	A.R.	
52	29051	DRIVE SPROCKET - 11 TOOTH	2	
53	29075	CHAIN C/W CONNECTING LINK ITEM 54	4	
54	29095	CONNECTING LINK	A.R.	MODEL 710 & 710A
55	40221	TANDEM CASE - L.H.	1	
56	40222	TANDEM CASE - R.H.	1	
57	42159	SPROCKET - 33 TOOTH	4	
58	13M-0929	COTTER PIN	A.R.	
59	24282	CHAIN C/W CONNECTING LINK ITEM 44	4	
60	44566	DRIVE SPROCKET - 13 TOOTH	2	OPTIONAL LONG TANDEM 740 & 760A
61	40013	SPROCKET - 29 TOOTH	4	
62	44303	TANDEM CASE - R.H.	1	
63	44304	TANDEM CASE - L.H.	1	
64	40013	SPROCKET - 29 TOOTH	2	
65	44513	TANDEM CASE L.H. (780 & 780A)	1	
66	44514	TANDEM CASE R.H. (780 & 780A)	1	
67	44566	DRIVE SPROCKET - 13 TOOTH	2	
68	*48616	CHAIN 52 LINKS - C/W ITEM 70	2	MODELS 780 & 780A 750 & 750A
69	*48617	CHAIN 56 LINKS - C/W ITEM 70	2	
70	*48715	CONNECTING LINK	A.R.	
71	46624	LINK	A.R.	
72	*48724	SPRING CLIP	A.R.	
73	46730	TANDEM CASE L.H. (750 & 750A)	1	
74	46731	TANDEM CASE R.H. (750 & 750A)	1	
		ODOMETER INSTALLATION		OPTIONAL
75	10510	ODOMETER - 13:00 X 24 TIRES	1	MILES
	10511	ODOMETER - 14:00 X 24 TIRES	1	
	10512	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	10973	ODOMETER - 17:5 X 25 TIRES	1	
	11919	ODOMETER - 13:00 X 24 TIRES	1	KILOMETERS
	11920	ODOMETER - 14:00 X 24 TIRES	1	
	11921	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	11922	ODOMETER - 17:5 X 25 TIRES	1	
76	24902	SPECIAL NUT	1	
77	24903	BRACKET	1	
78	51A-0606	BOLT	2	
79	14A-06	LOCKWASHER	2	
80	14C-08	FLATWASHER	1	
81	37D-08	LOCKNUT - INCLUDED WITH ITEM 73	1	
82		WHEELS, RIMS & TIRES	REF.	SECTION 7 PAGES 5/6
83		FINAL DRIVE INSTALLATION	REF.	SECTION 7 PGS.7,9,11
84		OIL DISC BRAKE ASSEMBLY	REF.	SECTION 9 PGS.13/14



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

TANDEM ASSEMBLY - OIL DISC BRAKES

FEBRUARY 1989

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

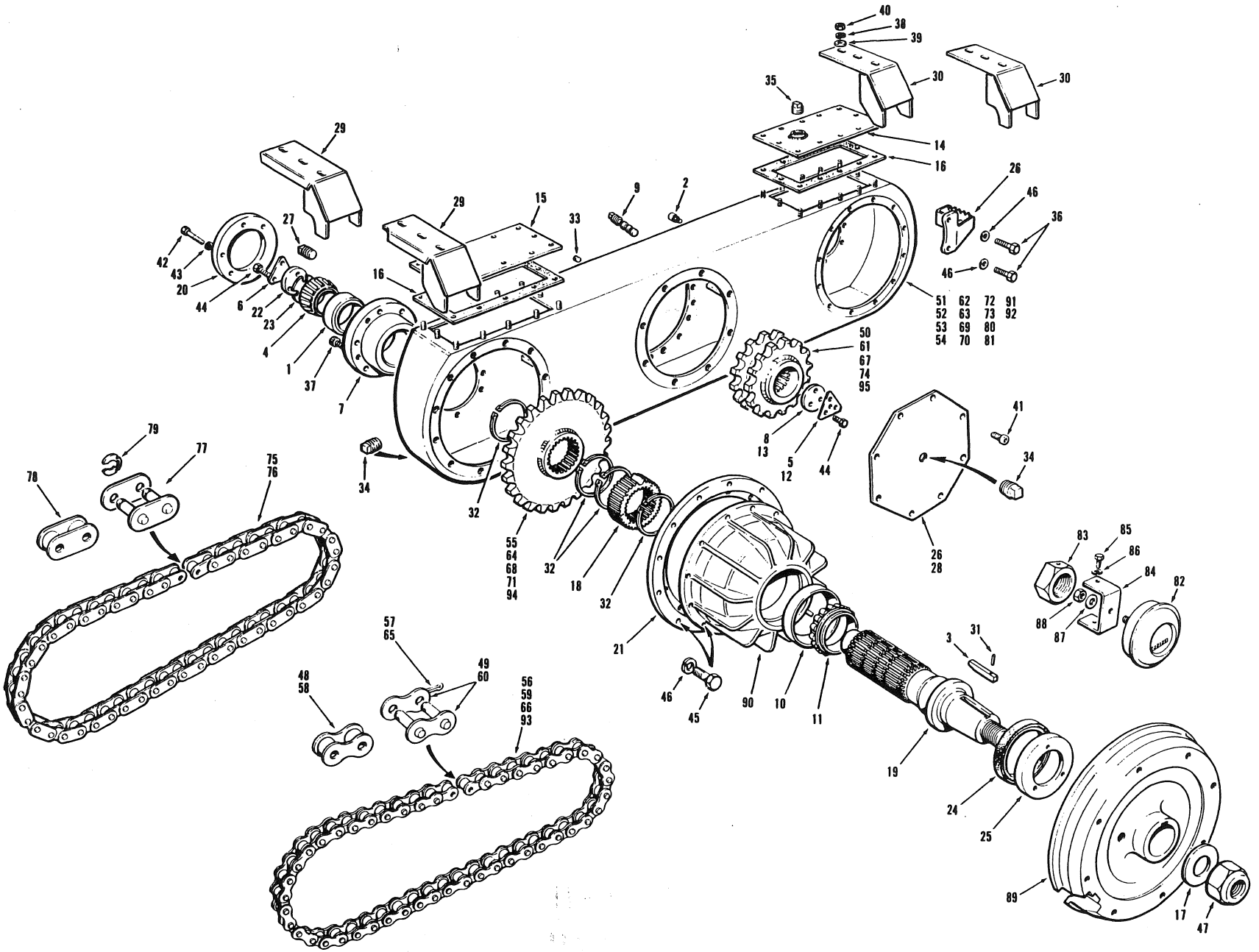
EFFECTIVE SERIAL NUMBER(S) Models 710 & 710A: 19482 & UP,
NUMERO(S) DE SÉRIE EFFECTIF(S) Models 720 & 720A: 19429, 19431,
NUMERO(S) DE SERIE EFECTIVO(S) 19435 to 19438, 19440 & UP,
Models 730 & 730A: 1919425 & UP

700 SERIES
SERIE 700

SECTION 7 PAGE 15
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	701A	BEARING CUP	4	
2	3689	BREATHER	2	
3	7039	KEY	4	
4	7060	BEARING CONE	4	
5	12653	TAB WASHER - MODEL 750/780	2	
6	16789	TAB WASHER	4	
7	16792	FLANGE	4	
8	17981	END CAP - MODEL 750/780	4	
9	27449	MAGNETIC PLUG	4	
10	32043	BEARING CUP	4	
11	32044	BEARING CONE	4	
12	*36437	TAB WASHER - MODEL 710 THRU 740A	2	
13	*37228	END CAP	2	
14	40005	COVER PLATE - REAR	2	
15	40006	COVER PLATE - FRONT	2	
16	40007	GASKET	4	
17	40017	WASHER	4	
18	40024	SLEEVE	4	
19	40025	AXLE	4	
20	40026	CAP	4	
21	40028	ADAPTOR RING	4	
22	40029	RETAINER	4	
23	40030	SHIM - .005"	6	
	40031	SHIM - .007"	6	
	40032	SHIM - .020"	4	
	44246	SHIM - .040"	2	
24	42569	SEAL	4	
25	43837	GUARD	4	
26	44361	COVER PLATE - MODEL 750/780	2	
27	*45511	STEP - TANDEM	2	
28	*48395	COVER PLATE - MODEL 710 THRU 740A	2	
29	*48735	BRAKE LINE SHIELD - R.H. REAR, L.H. FRONT	1	
30	*48736	BRAKE LINE SHIELD - L.H. REAR, R.H. FRONT	1	
31	13J-0816	PIN	4	
32	19C-450	SNAP RING	16	
33	115D-02	PLUG - MODEL 750/780	2	
34	115E-12	PLUG	6	
35	115E-24	PLUG	2	
36	*50A-0608	BOLT	4	
37	50D-0610	CAPSCREW	8	
38	14A-06	LOCKWASHER	52	
39	14C-06	FLATWASHER	12	
40	30A-06	NUT	48	
41	50F-0808	CAPSCREW	16	
42	50A-0820	BOLT	24	
43	14A-08	LOCKWASHER	24	
44	50A-1012	BOLT	18	
45	50A-1014	BOLT	96	
46	14A-10	LOCKWASHER	96	
47	37D-36	LOCKNUT	4	
	32338	SILICONE SEALANT - 304 mL TUBE	A.R.	
		CHAMPION ROAD MACHINERY RECOMMENDS THE USE OF SILICONE SEALANT IN PLACE OF GASKETS.		
		CHAIN AND SPROCKETS		
48	10858-1	LINK	A.R.	MODEL 720
49	11230	CONNECTING LINK	A.R.	THRU 730A
50	*37588	DRIVE SPROCKET	2	
51	*37955	TANDEM CASE R.H. - MODEL 720/720A	1	
52	*37956	TANDEM CASE L.H. - MODEL 720/720A	1	MODEL 720
53	*37957	TANDEM CASE R.H. - MODEL 730/730A	1	THRU 730A
54	*37958	TANDEM CASE L.H. - MODEL 730/730A	1	
55	*37983	SPROCKET	4	
56	*40010	CHAIN C/W CONNECTING LINK ITEM 49	4	
57	13M-0929	COTTER PIN	A.R.	
58	27496	LINK	A.R.	
59	29075	CHAIN C/W CONNECTING LINK ITEM 58	4	
60	29095	CONNECTING LINK	A.R.	
61	*37586	DRIVE SPROCKET	2	MODEL 710
62	*45474	TANDEM CASE - L.H.	1	& 710A
63	*45475	TANDEM CASE - R.H.	1	
64	42159	SPROCKET	4	
65	13M-0929	COTTER PIN	A.R.	
66	24282	CHAIN C/W CONNECTING LINK ITEM 49	4	
67	*37588	DRIVE SPROCKET	2	OPTIONAL
68	*37983	SPROCKET -	4	LONG TANDEM
69	*38014	TANDEM CASE - R.H.	1	740
70	*38015	TANDEM CASE - L.H.	1	
71	40013	SPROCKET - 29 TOOTH	2	
72	44513	TANDEM CASE L.H. (780 & 780A)	1	
73	44514	TANDEM CASE R.H. (780 & 780A)	1	
74	44566	DRIVE SPROCKET - 13 TOOTH	2	
75	48616	CHAIN 52 LINKS - C/W ITEM 77	2	MODELS
76	48617	CHAIN 56 LINKS - C/W ITEM 77	2	780 & 780A
77	48715	CONNECTING LINK	A.R.	750 & 750A
78	46624	LINK	A.R.	
79	48724	SPRING CLIP	A.R.	
80	46730	TANDEM CASE L.H. (750 & 750A)	1	
81	46731	TANDEM CASE R.H. (750 & 750A)	1	
		ODOMETER INSTALLATION		OPTIONAL
	10510	ODOMETER - 13:00 X 24 TIRES	1	
	10511	ODOMETER - 14:00 X 24 TIRES	1	
	10512	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	MILES
	10973	ODOMETER - 17:5 X 25 TIRES	1	
82	11919	ODOMETER - 13:00 X 24 TIRES	1	
	11920	ODOMETER - 14:00 X 24 TIRES	1	
	11921	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	KILOMETERS
	11922	ODOMETER - 17:5 X 25 TIRES	1	
83	24902	SPECIAL NUT	1	
84	24903	BRACKET	1	
85	51A-0606	BOLT	2	
86	14A-06	LOCKWASHER	2	
87	14C-08	FLATWASHER	1	
88	37D-08	LOCKNUT - INCLUDED WITH ITEM 82	1	
89		WHEELS, RIMS & TIRES	REF.	SECTION 7 PAGE 6
90		OIL DISC BRAKE ASSEMBLY	REF.	SECTION 9 PAGE 14
91	44290	TANDEM CASE R.H. - 740/740A	1	MODELS
92	44291	TANDEM CASE L.H. - 740/740A	1	740/740A
93	42118	CHAIN - INCLUDES P/N 11230 LINK	4	
94	42565	SPROCKET - 25 TOOTH	4	
95	44566	DRIVE SPROCKET - 13 TOOTH	2	



ISSUE No.
Nº D'ÉMISSION
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TANDEM ASSEMBLY - OIL DISC BRAKES

OCTOBER 1989

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20012, 20014 & UP

700 SERIES
SERIE 700

SECTION 7 PAGE
SECCION PAGINA 15

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

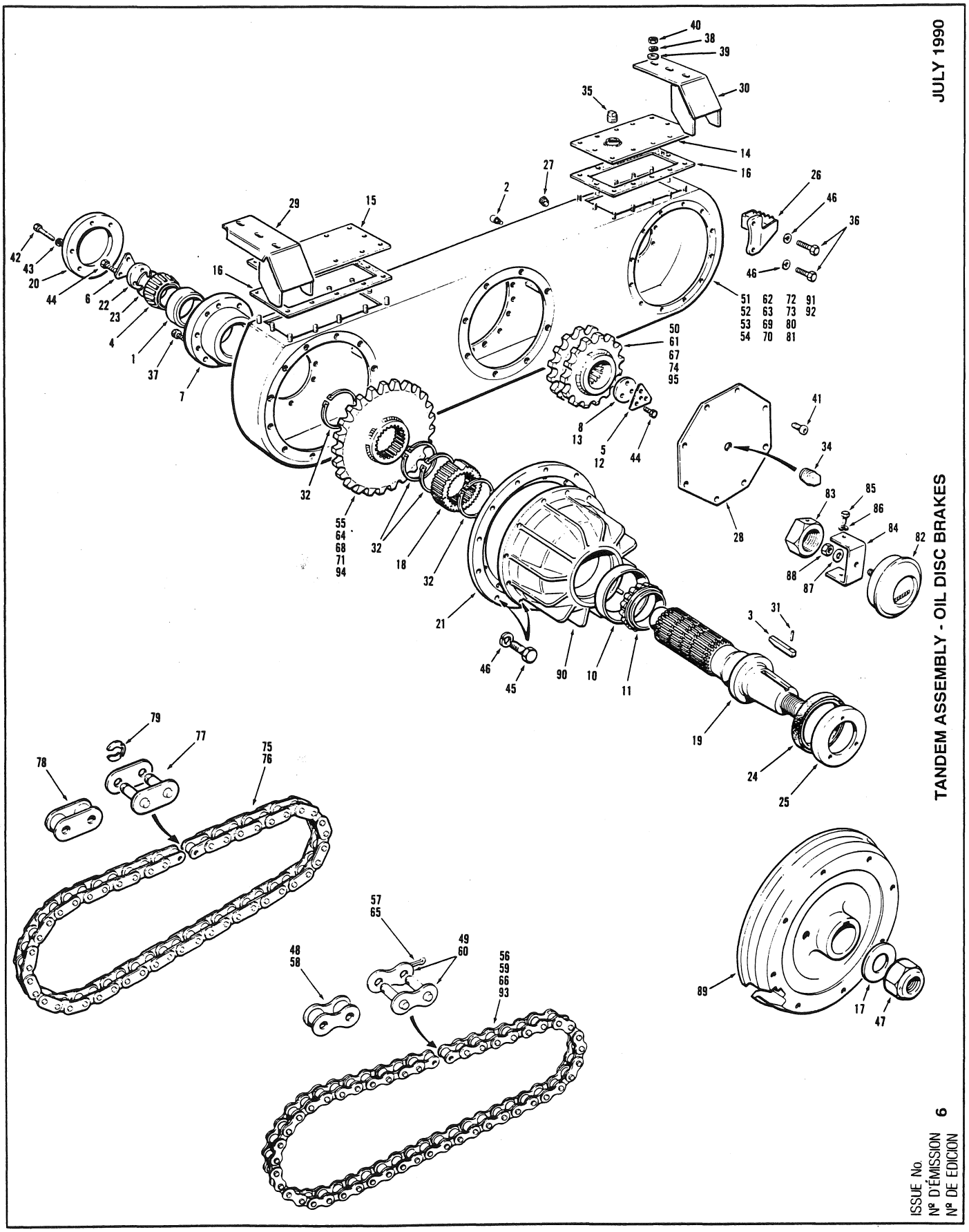
TANDEM ASSEMBLY - OIL DISC BRAKES

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	701A	BEARING CUP	4	
2	3689	BREATHER	2	
3	7039	KEY	4	
4	7060	BEARING CONE	4	
5	12653	TAB WASHER	2	740 thru 780A
6	16789	TAB WASHER	4	
7	16792	FLANGE	4	
8	17981	END CAP	4	740 thru 780
9	27449	PLUG	4	750 thru 780A
10	32043	BEARING CUP	4	
11	32044	BEARING CONE	4	
12	36437	TAB WASHER	2	710 thru 740A
13	*37592	END CAP	2	
14	40005	COVER PLATE - REAR	2	
15	40006	COVER PLATE - FRONT	2	
16	40007	GASKET	4	
17	40017	WASHER	4	
18	40024	SLEEVE	4	
19	40025	AXLE	4	
20	40026	CAP	4	
21	40028	ADAPTOR RING	4	
22	40029	RETAINER	4	
23	40030	SHIM - .005"	6	
	40031	SHIM - .007"	6	
	40032	SHIM - .020"	4	
	44246	SHIM - .040"	2	
24	42569	SEAL	4	
25	43837	GUARD	4	
26	*53264	STEP - L.H.	1	
	*53265	STEP - R.H.	1	
27	*877	PLUG	6	710 thru 740A
28	48395	COVER PLATE	2	
29	48735	BRAKE LINE SHIELD - R.H. REAR, L.H. FRONT	1	
	*54020	BRAKE LINE SHIELD - R.H. REAR, L.H. FRONT	1	S/N 20190 & UP
30	48736	BRAKE LINE SHIELD - L.H. REAR, R.H. FRONT	1	
	*54019	BRAKE LINE SHIELD - L.H. REAR, R.H. FRONT	1	S/N 20190 & UP
31	13J-0816	PIN	4	
32	19C-450	SNAP RING	16	
33	115D-02	PLUG	2	750 thru 780A
34	115E-12	PLUG	6	750 thru 780A
35	115E-24	PLUG	2	
36	*50A-1018	BOLT	4	
37	50D-0610	CAPSCREW	8	
38	14A-06	LOCKWASHER	52	
39	14C-06	FLATWASHER	12	
40	30A-06	NUT	48	
41	50F-0808	CAPSCREW	16	
42	50A-0820	BOLT	24	
43	14A-08	LOCKWASHER	24	
44	50A-1012	BOLT	18	
45	50A-1014	BOLT	96	
46	14A-10	LOCKWASHER	96	
47	37D-36	LOCKNUT	4	
48	10858-1	LINK	A.R.	
49	11230	CONNECTING LINK	A.R.	
50	*54522	DRIVE SPROCKET	2	
51	37955	TANDEM CASE R.H. - MODEL 720/720A	1	
52	37956	TANDEM CASE L.H. - MODEL 720/720A	1	720 thru 730A
53	37957	TANDEM CASE R.H. - MODEL 730/730A	1	
54	37958	TANDEM CASE L.H. - MODEL 730/730A	1	
55	37983	SPROCKET	4	720 thru 730A
56	40010	CHAIN C/W CONNECTING LINK ITEM 49	4	
57	13M-0929	COTTER PIN	A.R.	
58	27496	LINK	A.R.	
59	29075	CHAIN C/W CONNECTING LINK ITEM 58	4	
60	29095	CONNECTING LINK	A.R.	
61	37586	DRIVE SPROCKET	2	710/710A
62	45474	TANDEM CASE - L.H.	1	
63	45475	TANDEM CASE - R.H.	1	
64	42159	SPROCKET	4	
65	13M-0929	COTTER PIN	A.R.	
66	24282	CHAIN C/W CONNECTING LINK ITEM 49	4	
67	*44566	DRIVE SPROCKET	2	OPTIONAL LONG TANDEM 740
68	37983	SPROCKET	4	
69	38014	TANDEM CASE - R.H.	1	
70	38015	TANDEM CASE - L.H.	1	
71	40013	SPROCKET - 29 TOOTH	2	
72	44513	TANDEM CASE L.H. (780/780A)	1	
73	44514	TANDEM CASE R.H. (780/780A)	1	
74	44566	DRIVE SPROCKET - 13 TOOTH	2	
75	48616	CHAIN 52 LINKS - C/W ITEM 77	2	750 thru 780A
76	48617	CHAIN 56 LINKS - C/W ITEM 77	2	
77	48715	CONNECTING LINK	A.R.	
78	46624	LINK	A.R.	
79	48724	SPRING CLIP	A.R.	
80	46730	TANDEM CASE L.H. (750/750A)	1	
81	46731	TANDEM CASE R.H. (750/750A)	1	
		ODOMETER INSTALLATION		
	10510	ODOMETER - 13:00 X 24 TIRES	1	
	10511	ODOMETER - 14:00 X 24 TIRES	1	MILES
	10512	ODOMETER - 16:00 X 24 TIRES	1	
	10973	ODOMETER - 17:5 X 25 TIRES	1	
82	11919	ODOMETER - 13:00 X 24 TIRES	1	
	11920	ODOMETER - 14:00 X 24 TIRES	1	
	11921	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	KILOMETERS
	11922	ODOMETER - 17:5 X 25 TIRES	1	
83	24902	SPECIAL NUT	1	
84	24903	BRACKET	1	
85	51A-0606	BOLT	2	
86	14A-06	LOCKWASHER	2	
87	14C-08	FLATWASHER	1	
88	37D-08	LOCKNUT - INCLUDED WITH ITEM 82	1	
89		WHEELS, RIMS & TIRES	REF.	SECTION 7 PAGE 6
90		OIL DISC BRAKE ASSEMBLY	REF.	SECTION 9 PAGE 14
91	44290	TANDEM CASE R.H.	1	740/740A
92	44291	TANDEM CASE L.H.	1	740/740A
93	42118	CHAIN - INCLUDES P/N 11230 LINK	4	
94	42565	SPROCKET - 25 TOOTH	4	
95	44566	DRIVE SPROCKET - 13 TOOTH	2	
	32338	SILICONE SEALANT - 304 ml TUBE	A.R.	
		CHAMPION RECOMMENDS THE USE OF SILICONE SEALANT IN PLACE OF GASKETS.		

CHAMPION ROAD MACHINERY

JULY 1990

TANDEM ASSEMBLY - OIL DISC BRAKES



FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

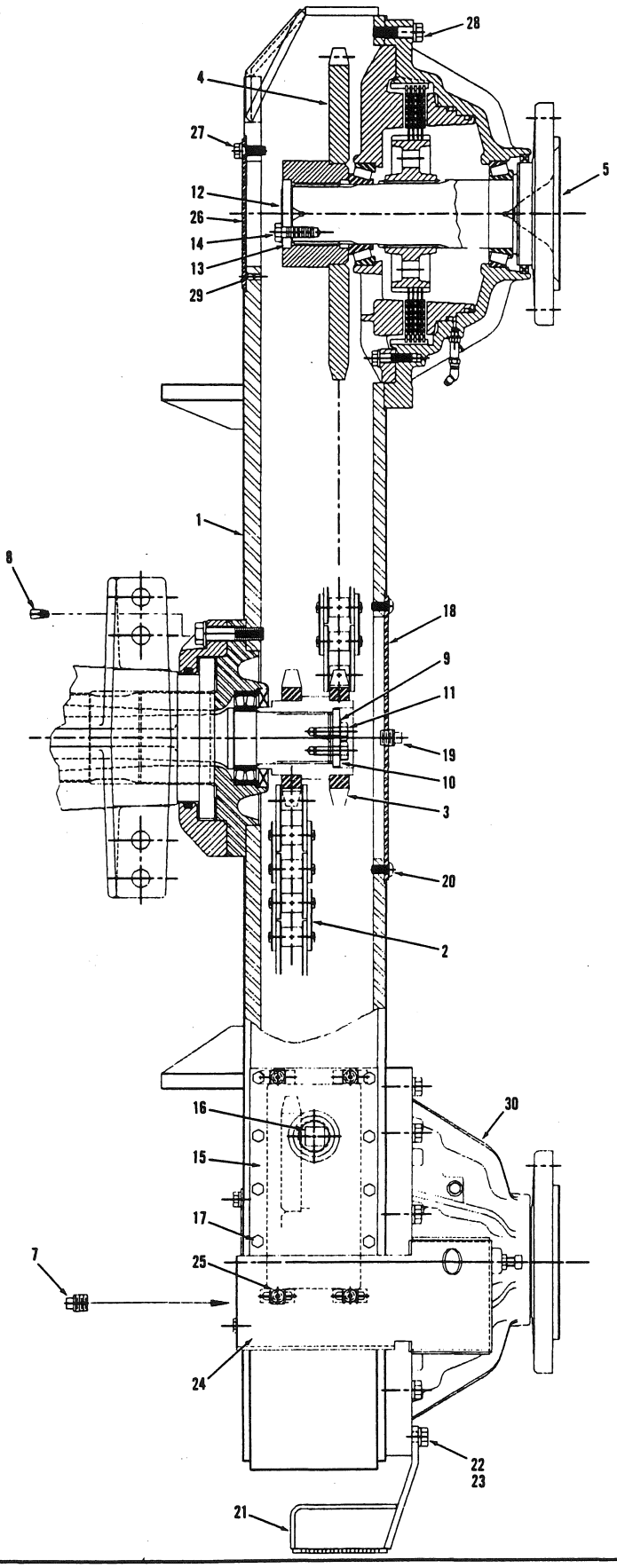
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 6

EFFECTIVE SERIAL NUMBER(S) 20723 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

TANDEM ASSEMBLY - OIL DISC BRAKES

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	701A	BEARING CUP	4	
2	3689	BREATHER	2	
3	7039	KEY	4	
4	7060	BEARING CONE	4	
5	12653	TAB WASHER	2	740 thru 780A
6	16789	TAB WASHER	4	
7	16792	FLANGE	4	
8	17981	END CAP	4	740 thru 780A
10	32043	BEARING CUP	4	
11	32044	BEARING CONE	4	
12	36437	TAB WASHER	2	710 thru 730A
13	37592	END CAP	2	710 thru 730A
14	40005	COVER PLATE - REAR	2	
15	40006	COVER PLATE - FRONT	2	
16	40007	GASKET	4	
17	40017	WASHER	4	
18	40024	SLEEVE	4	
19	*55357	AXLE	4	
20	40026	CAP	4	
21	40028	ADAPTOR RING	4	
22	40029	RETAINER	4	
23	40030	SHIM - .005"	6	
	40031	SHIM - .007"	6	
	40032	SHIM - .020"	4	
	44246	SHIM - .040"	2	
24	42569	SEAL	4	
25	43837	GUARD	4	
26	53264	STEP - L.H.	1	
	53265	STEP - R.H.	1	
27	877	PLUG	6	
28	48395	COVER PLATE	2	
29	54020	BRAKE LINE SHIELD - R.H. REAR, L.H. FRONT	1	
30	54019	BRAKE LINE SHIELD - L.H. REAR, R.H. FRONT	1	
31	13J-0816	PIN	4	
32	19C-450	SNAP RING	16	
34	*115C-12	PLUG	6	
35	115E-24	PLUG	2	
36	50A-1018	BOLT	4	
37	50D-0610	CAPSCREW	8	
38	14A-06	LOCKWASHER	52	
39	14C-06	FLATWASHER	12	
40	30A-06	NUT	48	
41	50F-0808	CAPSCREW	16	
42	50A-0820	BOLT	24	
43	14A-08	LOCKWASHER	24	
44	50A-1012	BOLT	12	
45	50A-1014	BOLT	92	
46	14A-10	LOCKWASHER	96	
47	37D-36	LOCKNUT	4	
48	10858-1	LINK	4	
49	11230	CONNECTING LINK	4	
50	*55354	DRIVE SPROCKET	2	
51	37955	TANDEM CASE R.H. - MODEL 720/720A	1	
52	37956	TANDEM CASE L.H. - MODEL 720/720A	1	720 thru 730A
53	37957	TANDEM CASE R.H. - MODEL 730/730A	1	
54	37958	TANDEM CASE L.H. - MODEL 730/730A	1	
55	37983	SPROCKET	4	
56	40010	CHAIN C/W CONNECTING LINK ITEM 49	4	
57	13M-0929	COTTER PIN	4	
58	27496	LINK	4	
59	29075	CHAIN C/W CONNECTING LINK	4	
60	29095	CONNECTING LINK	4	
61	*55352	DRIVE SPROCKET	2	710/710A
62	45474	TANDEM CASE - L.H.	1	
63	45475	TANDEM CASE - R.H.	1	
64	42159	SPROCKET	4	
65	13M-0929	COTTER PIN	4	
66	24282	CHAIN C/W CONNECTING LINK	4	
67	*56054	DRIVE SPROCKET - 15 TOOTH	2	OPTIONAL
68	37983	SPROCKET	4	LONG TANDEM
69	38014	TANDEM CASE - R.H.	1	740
70	38015	TANDEM CASE - L.H.	1	
71	40013	SPROCKET - 29 TOOTH	4	
72	44513	TANDEM CASE L.H. (780/780A)	1	
73	44514	TANDEM CASE R.H. (780/780A)	1	
74	*56054	DRIVE SPROCKET - 15 TOOTH	2	
75	48616	CHAIN 52 LINKS - C/W ITEM 77	2	750 thru 780A
76	48617	CHAIN 56 LINKS - C/W ITEM 77	2	
77	48715	CONNECTING LINK	4	
78	46624	LINK	4	
79	48724	SPRING CLIP	4	
80	46730	TANDEM CASE L.H. (750/750A)	1	
81	46731	TANDEM CASE R.H. (750/750A)	1	
		ODOMETER INSTALLATION		
	10510	ODOMETER - 13:00 X 24 TIRES	1	
	10511	ODOMETER - 14:00 X 24 TIRES	1	MILES
	10512	ODOMETER - 16:00 X 24 TIRES	1	
	10973	ODOMETER - 17:5 X 25 TIRES	1	
82	11919	ODOMETER - 13:00 X 24 TIRES	1	
	11920	ODOMETER - 14:00 X 24 TIRES	1	
	11921	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	KILOMETERS
	11922	ODOMETER - 17:5 X 25 TIRES	1	
83	24902	SPECIAL NUT	1	
84	24903	BRACKET	1	
85	51A-0606	BOLT	2	
86	14A-06	LOCKWASHER	2	
87	14C-08	FLATWASHER	1	
88	37D-08	LOCKNUT - INCLUDED WITH ITEM 82	1	
89		WHEELS, RIMS & TIRES	REF.	SECTION 7 PAGE 6
90		OIL DISC BRAKE ASSEMBLY	REF.	SECTION 9 PAGE 14
91	*56462	TANDEM CASE R.H.	1	740/740A
92	*56463	TANDEM CASE L.H.	1	740/740A
93	*24282	CHAIN - INCLUDES P/N 11230 LINK	4	
94	*37983	SPROCKET - 30 TOOTH	4	
95	*56054	DRIVE SPROCKET - 15 TOOTH	2	
	32338	SILICONE SEALANT - 304 ml TUBE	A.R.	
		CHAMPION RECOMMENDS THE USE OF SILICONE SEALANT IN PLACE OF GASKETS.		



CHAMPION ROAD MACHINERY

FEBRUARY 1991

TANDEM ASSEMBLY - OIL DISC BRAKES

7 REVISION A

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

Models 710 thru 740A
21134 & UP, EXCLUDING 21225
Models 750 thru 780A
21386 &UP

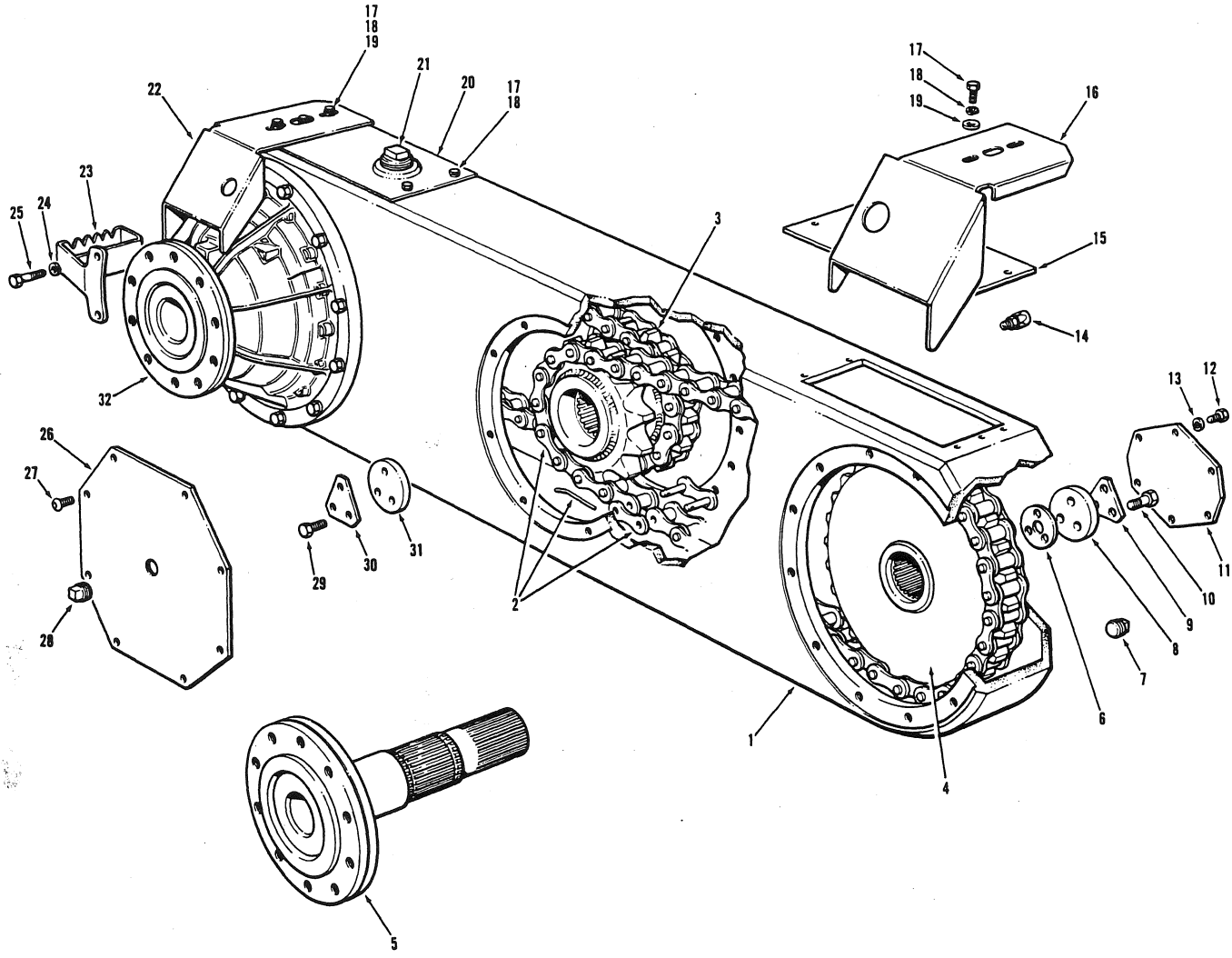
700 SERIES
SERIE 700

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

TANDEM ASSEMBLY - OIL DISC BRAKES

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	58206	TANDEM CASE - L.H.	1	710/710A
	58207	TANDEM CASE - R.H.	1	710/710A
	58208	TANDEM CASE - L.H.	1	720/720A
	58209	TANDEM CASE - R.H.	1	720/720A
	58210	TANDEM CASE - L.H.	1	730/730A
	58211	TANDEM CASE - R.H.	1	730/730A
1	58212	TANDEM CASE - L.H. - LONG	1	740
	58213	TANDEM CASE - R.H. - LONG	1	740
	58130	TANDEM CASE - L.H.	1	740/740A
	58131	TANDEM CASE - R.H.	1	740/740A
	58214	TANDEM CASE - L.H.	1	750/750A
	58215	TANDEM CASE - R.H.	1	750/750A
	58216	TANDEM CASE - L.H.	1	780/780A
	58217	TANDEM CASE - R.H.	1	780/780A
	29075	CHAIN - 58 LINK	4	710/710A
	27496	LINK		
	29095	CONNECTOR LINK	4	
	13M-0929	COTTER PIN	4	
	40010	CHAIN - 52 LINK	4	720 thru 730A
	24282	CHAIN - 54 LINK	4	740/740A
	56483	CHAIN - 58 LINK	4	740 LONG
	10858-1	LINK		
2	11230	CONNECTOR LINK	4	
	13M-0929	COTTER PIN	4	
	48616	CHAIN - 52 LINK	4	750/750A
			2	780/780A
	48617	CHAIN - 56 LINK	2	780/780A
	46624	LINK		
	48715	CONNECTOR LINK	4	
	48724	SPRING CLIP	8	
		NOTE: CHAIN INCLUDES CONNECTOR LINK		
	55352	DRIVE SPROCKET - 11 TOOTH	2	710/710A
3	55354	DRIVE SPROCKET - 11 TOOTH	2	720 thru 730A
	56054	DRIVE SPROCKET - 15 TOOTH	2	740/740A
	56007	DRIVE SPROCKET - 13 TOOTH	2	750 thru 780A
	51307	SPROCKET - 33 TOOTH	4	710/710A
4	51308	SPROCKET - 30 TOOTH	4	720 thru 740A
	51724	SPROCKET - 29 TOOTH	4	750 thru 780A
	58022	AXLE	4	710 thru 720A
5	58021	AXLE	4	730 thru 750A
	54494	AXLE	4	780/780A
	37864	SHIM - .005"	12	
6	37865	SHIM - .007"	12	
	37866	SHIM - .020"	4	
	58729	SHIM - .100"	4	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
7	877	PLUG-MAGNETIC	6	
8	3689	BREATHER	2	
9	36437	TAB WASHER	2	710 thru 730A
	12653	TAB WASHER	2	740 thru 780A
10	37592	CAP	2	710 thru 730A
	17981	CAP	2	740 thru 780A
11	50A-1012	CAPSCREW	6	
12	37860	WASHER	4	
13	37875	TAB WASHER	4	
14	50A-1014	CAPSCREW	12	
15	58146	COVER PLATE - FRONT	2	
	58145	COVER PLATE - REAR	2	
16	115E-24	PLUG	2	
17	50F-0610	CAPSCREW	16	
	14A-06	LOCKWASHER	8	
18	58155	COVER	2	
19	115E-12	PLUG	2	
20	50F-0610	CAPSCREW	16	
21	58415	STEP	2	
22	14A-10	LOCKWASHER	4	
23	50A-1024	CAPSCREW	4	
24	58143	BRAKE LINE SHIELD - FRONT - R.H. & REAR - L.H.	2	
	58144	BRAKE LINE SHIELD - FRONT - L.H. & REAR - R.H.	2	
25	50F-0612	CAPSCREW	8	
	14A-06	LOCKWASHER	8	
	14C-06	WASHER	8	
26	58579	COVER	4	
27	50A-0812	CAPSCREW	24	
	14A-08	LOCKWASHER	24	
28	50A-1020	CAPSCREW	44	
	14A-10	LOCKWASHER	44	
29	70A-0608	SETSCREW	8	
30		OIL DISC BRAKE	REF.	Sect 9 Pg 13



CHAMPION ROAD MACHINERY

TANDEM ASSEMBLY - OIL DISC BRAKES

SEPTEMBER 1991

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **8 REVISION A**

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

Models 710 thru 740A
21134 & UP, EXCLUDING 21225
Models 750 thru 780A
21386 &UP

700 SERIES
SERIE 700

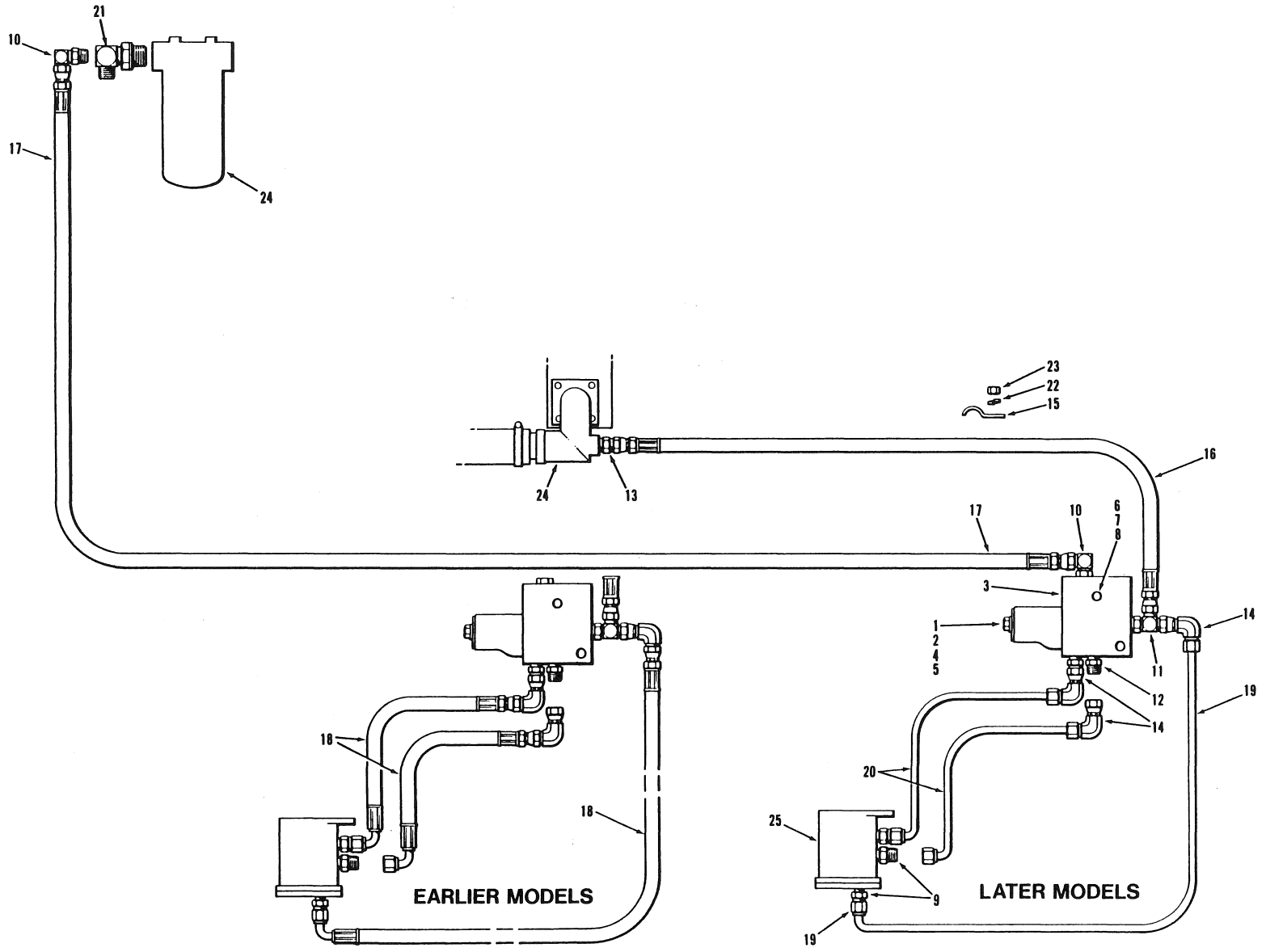
SECTION 7 PAGE 15
SECCION PAGINA

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

TANDEM ASSEMBLY - OIL DISC BRAKES

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	58911	TANDEM CASE - L.H.	1	710/710A
	58912	TANDEM CASE - R.H.	1	710/710A
	58913	TANDEM CASE - L.H.	1	720/720A
	58914	TANDEM CASE - R.H.	1	720/720A
	58915	TANDEM CASE - L.H.	1	730/730A
	58916	TANDEM CASE - R.H.	1	730/730A
1	58917	TANDEM CASE - L.H. - LONG	1	740
	58918	TANDEM CASE - R.H. - LONG	1	740
	58909	TANDEM CASE - L.H.	1	740/740A
	58910	TANDEM CASE - R.H.	1	740/740A
	58919	TANDEM CASE - L.H.	1	750/750A
	58920	TANDEM CASE - R.H.	1	750/750A
	58921	TANDEM CASE - L.H.	1	780/780A
	58922	TANDEM CASE - R.H.	1	780/780A
	29075	CHAIN - 58 LINK	4	710/710A
	27496	LINK		
	29095	CONNECTOR LINK	4	
	13M-0929	COTTER PIN	4	
	40010	CHAIN - 52 LINK	4	720 thru 730A
	24282	CHAIN - 54 LINK	4	740/740A
	56483	CHAIN - 56 LINK	4	740 LONG
	10858-1	LINK		
2	11230	CONNECTOR LINK	4	
	13M-0929	COTTER PIN	4	
	48616	CHAIN - 52 LINK	4	750/750A
			2	780/780A
	48617	CHAIN - 56 LINK	2	780/780A
	46624	LINK		
	48715	CONNECTOR LINK	4	
	48724	SPRING CLIP	8	
		NOTE: CHAIN INCLUDES CONNECTOR LINK		
	55352	DRIVE SPROCKET - 11 TOOTH	2	710/710A
3	55354	DRIVE SPROCKET - 11 TOOTH	2	720 thru 730A
	56054	DRIVE SPROCKET - 15 TOOTH	2	740/740A
	56007	DRIVE SPROCKET - 13 TOOTH	2	750 thru 780A
	51307	SPROCKET - 33 TOOTH	4	710/710A
4	51308	SPROCKET - 30 TOOTH	4	720 thru 740A
	51724	SPROCKET - 29 TOOTH	4	750 thru 780A
	58022	AXLE	4	710 thru 720A
5	58021	AXLE	4	730 thru 750A
	54494	AXLE	4	780/780A
	37864	SHIM - .005"	12	
6	37865	SHIM - .007"	12	
	37866	SHIM - .020"	4	
	58729	SHIM - .100"	4	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
7	877	PLUG - MAGNETIC	6	
8	37860	CAP	4	
9	37875	TAB WASHER	4	
10	50A-1014	CAPSCREW	12	
11	58579	COVER	4	
12	50A-0812	CAPSCREW	24	
13	14A-08	LOCKWASHER	24	
14	3689	BREATHER	2	
15	58894	COVER PLATE - FRONT	2	
16	58897	BRAKE LINE SHIELD - FRONT - R.H. & REAR - L.H.	2	
17	50A-0608	CAPSCREW	20	
18	14A-06	LOCKWASHER	20	
19	14C-06ZI	WASHER	8	
20	58895	COVER PLATE - REAR	2	
21	115E-24	PLUG	2	
22	58898	BRAKE LINE SHIELD - FRONT - L.H. & REAR - R.H.	2	
23	58415	STEP	2	
24	14A-10	LOCKWASHER	4	
25	50A-1024	CAPSCREW	4	
26	58155	COVER	2	
27	*50F-0610	CAPSCREW	16	
28	115E-12	PLUG	2	
29	50A-1012	CAPSCREW	6	
30	36437	TAB WASHER	2	710 thru 730A
	12653	TAB WASHER	2	740 thru 780A
31	37592	CAP	2	710 thru 730A
	17981	CAP	2	740 thru 780A
32		**OIL DISC BRAKE**	REF.	Sect 9 Pg 13



EFFECTIVE SERIAL NUMBER(S) 16224, 16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 7 PAGE 17
SECCION 7 PAGINA 17

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

DIFFERENTIAL HYDRAULIC CIRCUIT

APRIL 1987

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

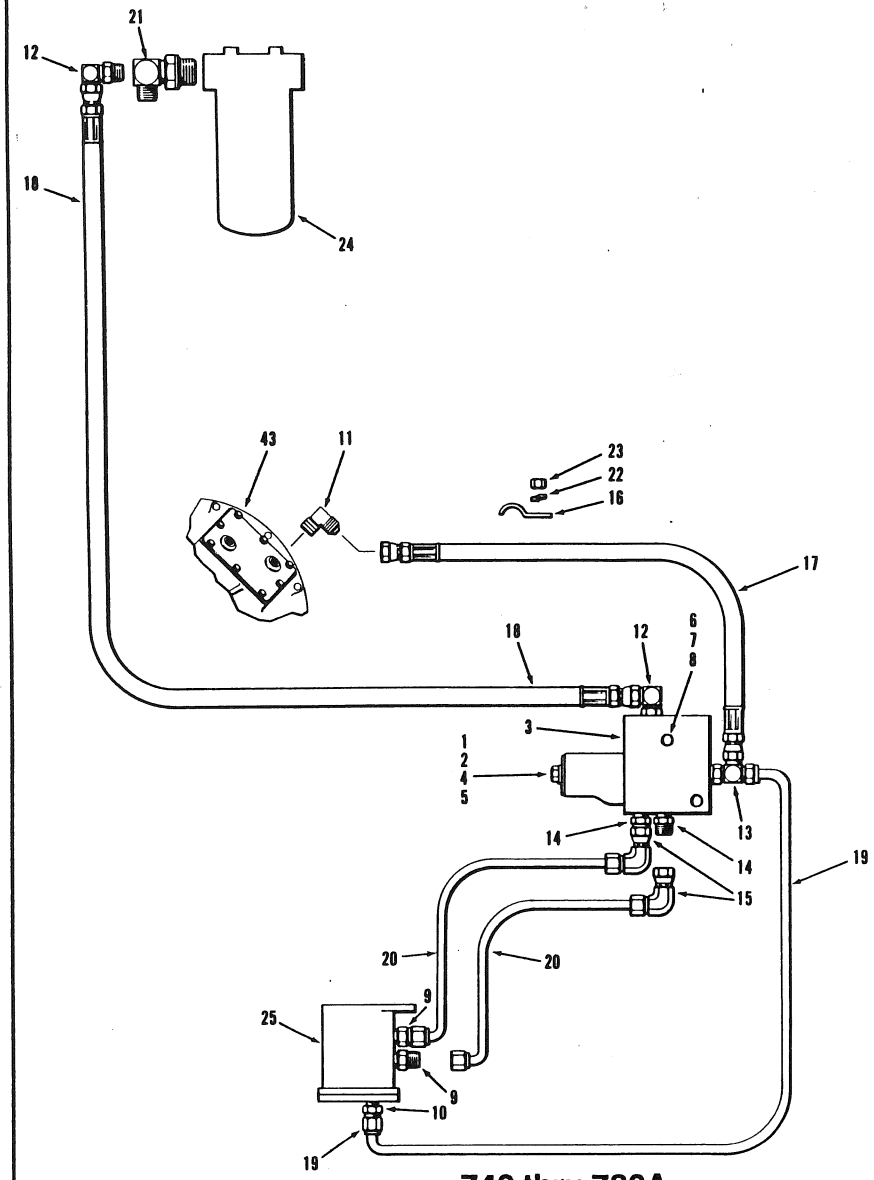
No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		CONTROL VALVE ASSEMBLY		
	40121	CONTROL VALVE ASSY. - C/W ITEMS 1 TO 5	1	
1	29180	CARTRIDGE VALVE - 12 VOLT - C/W ITEM 2	1	
2	29509	COIL - 12 VOLT	1	
3	40481	BODY	1	
4	14A-04	LOCKWASHER	1	
5	30A-04	NUT	1	
6	*50A-0628	BOLT	2	
7	14A-06	LOCKWASHER	2	
8	*38A-0603	CAGE NUT	2	
		HYDRAULIC CIRCUIT		
9	110G-0804	CONNECTOR	3	
10	111B-0808	CONNECTOR	2	
11	111D-0808	TEE	1	
12	111E-0806	CONNECTOR	2	
13	111E-0808	CONNECTOR	1	
14	*112B-08	CONNECTOR	3	
15	8570	CLIP	A.R.	
16	9313 X 39	HOSE	1	
17	9313 X 72	HOSE	1	
18	14382 X 12	HOSE	3	
19	*42289	TUBE	1	
20	*44294	TUBE	2	
21	40402	CONNECTOR - MODIFIED	1	
22	14A-06	LOCKWASHER	A.R.	
23	30A-06	NUT	A.R.	
24		TRANSMISSION HYDRAULIC CIRCUIT	REF.	SECTION 6 PAGES 5/6
25		FINAL DRIVE ASSY. - C/W DIFFERENTIAL	REF.	SECTION 7 PAGES 11/12

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

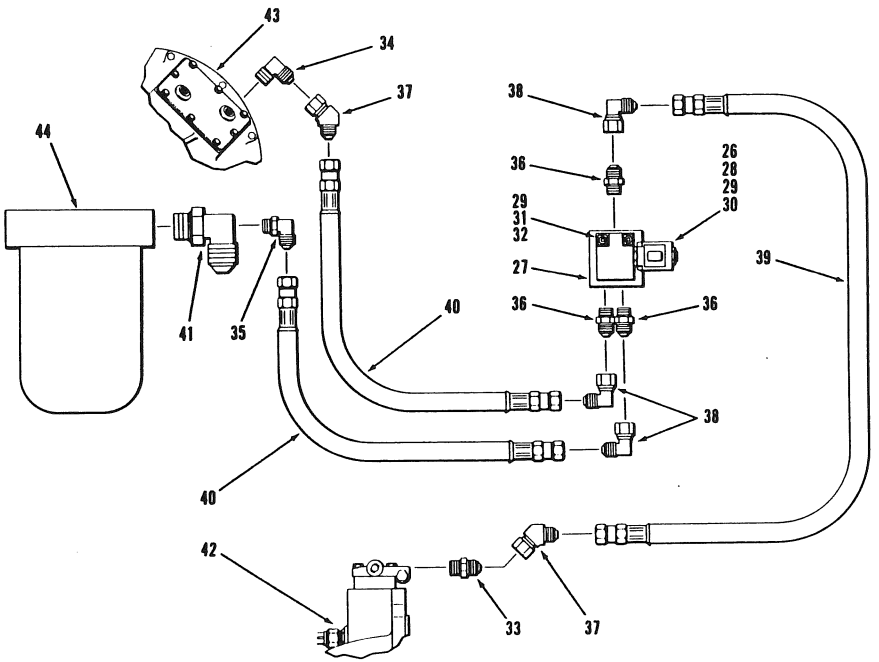
Models 710 & 710A: 19482 & UP
Models 720 & 720A: 19429, & UP
Models 730 & 730A: 19425 & UP
Models 740 thru 780A: 19651 & UP

700 SERIES
SERIE 700

SECTION 7 PAGE 17
SECCION 7 PAGINA 17



740 thru 780A



710 thru 730A

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **2 REVISION A**

DIFFERENTIAL HYDRAULIC CIRCUIT

MARCH 1990

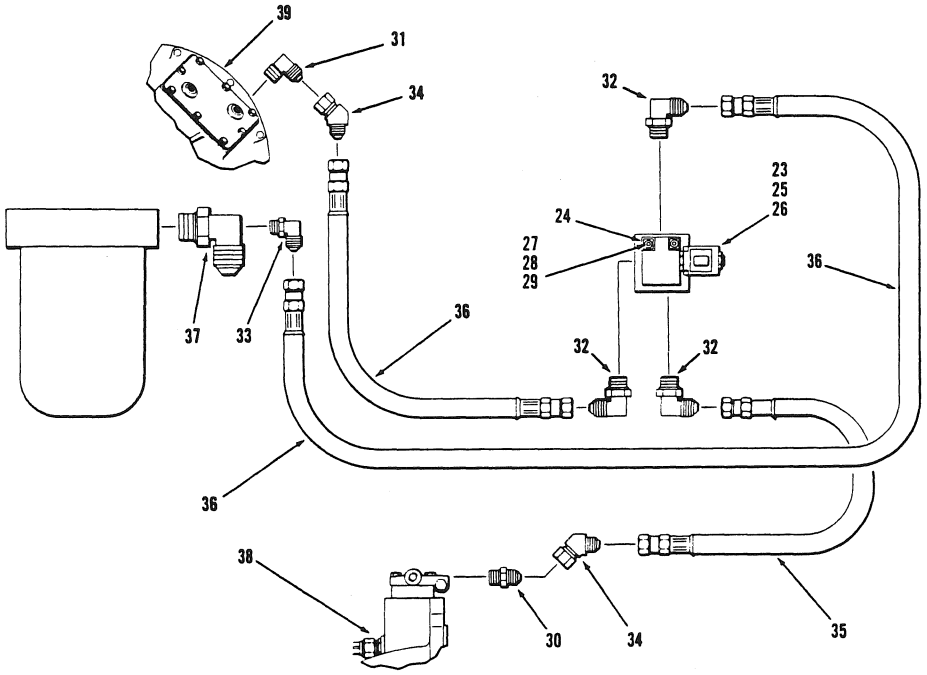
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

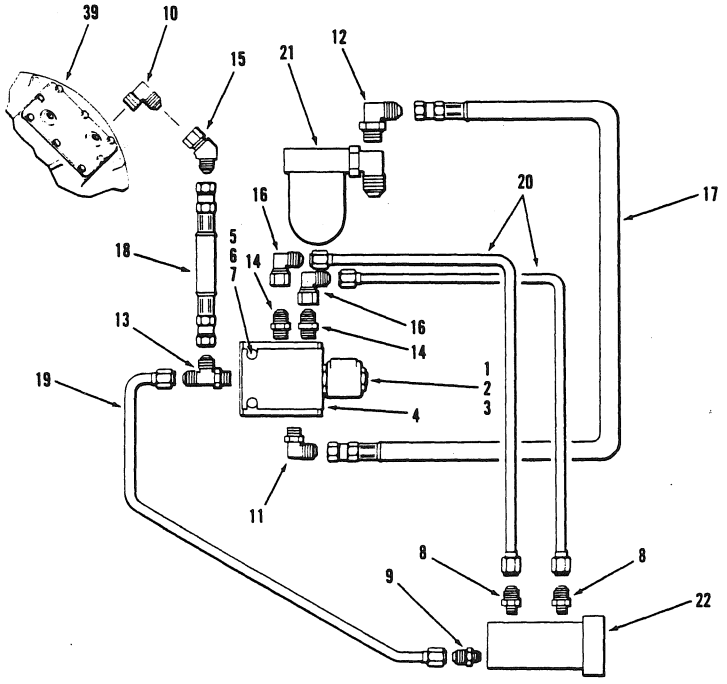
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CONTROL VALVE ASSEMBLY - Models 740 thru 780A		
	40121	CONTROL VALVE ASSEMBLY - 12 VOLT - C/W ITEMS 1 TO 5	1	
	*34264	CONTROL VALVE ASSEMBLY - 24 VOLT - C/W ITEMS 1 TO 5	1	
1	29180	CARTRIDGE VALVE - 12 VOLT - C/W ITEM 2	1	
	*34266	CARTRIDGE VALVE - 24 VOLT - C/W ITEM 2	1	
2	29509	COIL - 12 VOLT	1	
	*37609	COIL - 24 VOLT	1	
3	40481	BODY	1	
4	14A-04	LOCKWASHER	1	
5	30A-04	NUT	1	
6	50A-0628	BOLT	2	
7	14A-06	LOCKWASHER	2	
8	*30A-06	CAGE NUT	2	
		HYDRAULIC CIRCUIT		
9	110G-0802	CONNECTOR	2	
10	110G-0804	CONECTOR	1	
11	111R-0806	CONNECTOR	1	
12	111B-0808	TEE	2	
13	111D-0808	CONNECTOR	1	
14	111E-0806	CONNECTOR	2	
15	112B-08	CONNECTOR	2	
16	8570	CLIP	A.R.	
17	9313x39	HOSE	1	
18	9313x72	HOSE	1	
19	42289	TUBE	1	
20	44294	TUBE	2	
21	40402	CONNECTOR - MODIFIED	1	
22	14A-06	LOCKWASHER	A.R.	
23	30A-06	NUT	A.R.	
24		TRANSMISSION HYDRAULIC CIRCUIT	REF.	SECTION 6 PAGE 6
25		FINAL DRIVE ASSEMBLY - C/W DIFFERENTIAL	REF.	SECTION 7 PAGE 12

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CONTROL VALVE ASSEMBLY - Models 710 thru 730A		
	37750	CONTROL VALVE ASSEMBLY - 12 VOLT - C/W ITEMS 26 TO 30	1	
	*38403	CONTROL VALVE ASSEMBLY - 24 VOLT - C/W ITEMS 26 TO 30	1	
26	37751	CARTRIDGE VALVE - 12 VOLT - C/W ITEM 28	1	
	*38404	CARTRIDGE VALVE - 24 VOLT - C/W ITEM 28	1	
27	37752	BODY	1	
28	51074	COIL - 12 VOLT	1	
	*37609	COIL - 24 VOLT	1	
29	14A-04	LOCKWASHER	3	
30	30A-04	NUT	1	
31	50A-0416	BOLT	2	
32	*30A-04	CAGE NUT	2	
		HYDRAULIC CIRCUIT		
33	110G-0804	CONNECTOR	1	
34	110R-0806	CONNECTOR	1	
35	111B-0808	CONNECTOR		
36	111E-0806	CONNECTOR	3	
37	112A-08	CONNECTOR	2	
38	112B-08	CONNECTOR	3	
39	9313x22	HOSE	1	
40	9313x48	HOSE	2	
41	40402	CONNECTOR - MODIFIED	1	
42		FINAL DRIVE ASSEMBLY - C/W DIFFERENTIAL	REF.	SECTION 7 PAGE 10
43		CLUTCH COVER PLATE	REF.	SECTION 6 PAGE 6
44		TRANSMISSION HYDRAULIC CIRCUIT	REF.	SECTION 6 PAGE 6



710 thru 730A

MODELS 740 & 740A ALSO AT S/N 21916



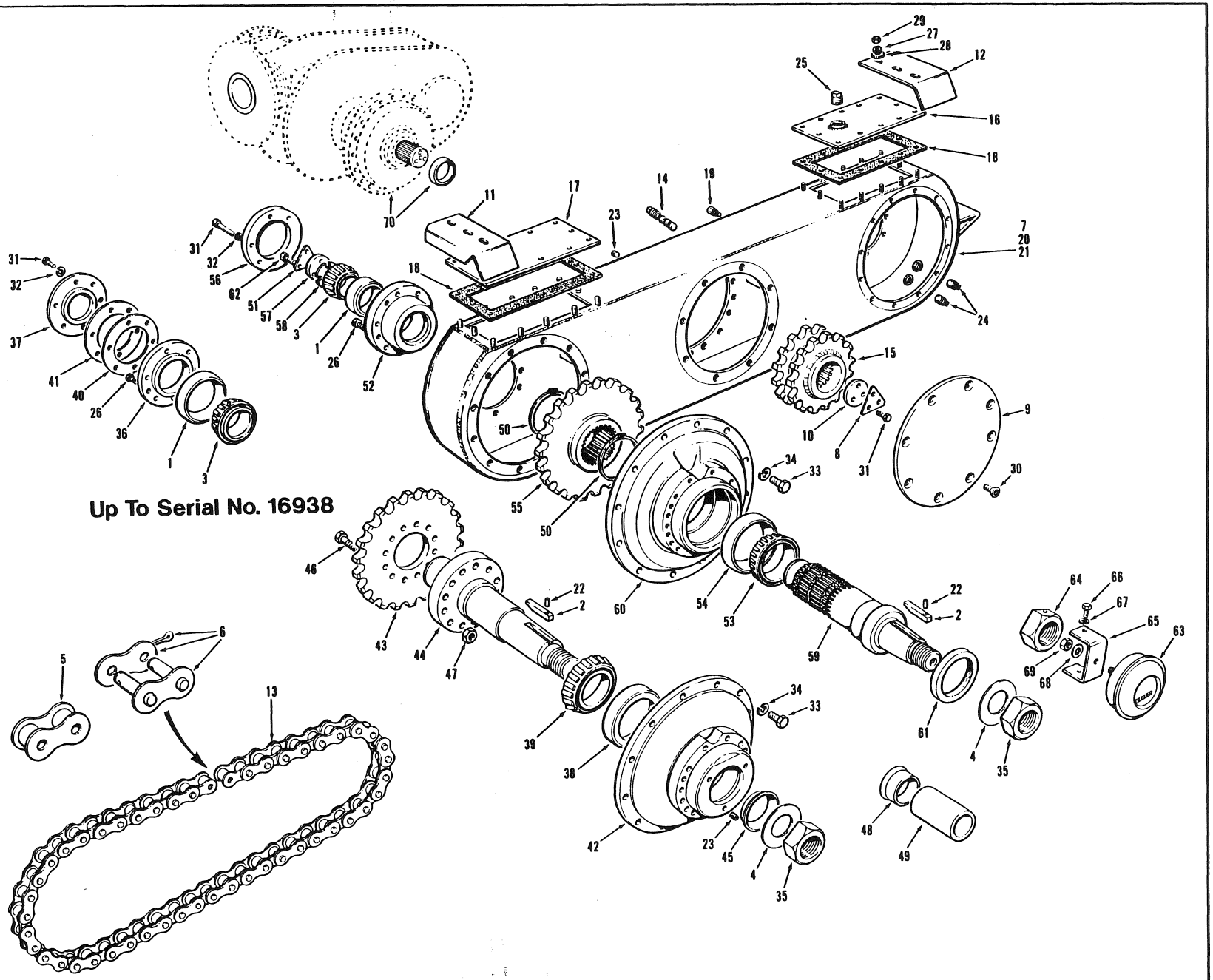
740 thru 780A

ONLY MODELS 750 thru 780A AT S/N 21916 & UP

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		CONTROL VALVE ASSEMBLY - Models 740 thru 780A		**See Note**
	58535	**CONTROL VALVE ASSEMBLY - 12 VOLT - C/W ITEMS 1, 2 & 4**	1	
	58741	**CONTROL VALVE ASSEMBLY - 24 VOLT - C/W ITEMS 1, 3 & 4**	1	
1	66126	CARTRIDGE VALVE	1	
2	66121	COIL - 12 VOLT	1	
3	66125	COIL - 24 VOLT	1	
4	66127	BODY	1	
5	50A-0412	BOLT	2	
6	14A-04	LOCKWASHER	2	
7	30A-04	NUT	2	
		HYDRAULIC CIRCUIT		
8	110G-0602	CONNECTOR	2	
9	110G-0604	CONNECTOR	1	
10	110R-0606	CONNECTOR	1	
11	111B-0606	CONNECTOR	1	
12	111B-0608	CONNECTOR	1	
13	111D-0606	TEE	1	
14	111E-0606	CONNECTOR	2	
15	112A-06	CONNECTOR	1	
16	112B-06	CONNECTOR	2	
17	14388 x 48	HOSE	1	
18	14382 x 72	HOSE	1	
19	58553	TUBE	1	
20	58554	TUBE	2	
21		TRANSMISSION HYDRAULIC CIRCUIT	REF.	Sec 6 Pg 6
22		FINAL DRIVE ASSEMBLY - C/W DIFFERENTIAL	REF.	Sec 7 Pg 12

No. Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		CONTROL VALVE ASSEMBLY - Models 710 thu 730A		**See Note**
	58534	**CONTROL VALVE ASSEMBLY - 12 VOLT - C/W ITEMS 23, 24 & 25**	1	
	58740	**CONTROL VALVE ASSEMBLY - 24 VOLT - C/W ITEMS 23, 24 & 26**	1	
23	66123	CARTRIDGE VALVE	1	
24	66124	BODY	1	
25	66121	COIL - 12 VOLT	1	
26	66125	COIL - 24 VOLT	1	
27	50A-0412	BOLT	2	
28	14A-04	LOCKWASHER	2	
29	30A-04	NUT	2	
		HYDRAULIC CIRCUIT		
30	110G-0604	CONNECTOR	1	
31	110R-0606	CONNECTOR	1	
32	*111B-0606	CONNECTOR	3	
33	111B-0608	CONNECTOR	1	
34	112A-06	CONNECTOR	2	
35	14382 x 22	HOSE	1	
36	14388 x 48	HOSE	2	
37		TRANSMISSION HYDRAULIC CIRCUIT	REF.	Sec 6 Pg 6
38		FINAL DRIVE ASSEMBLY - C/W DIFFERENTIAL	REF.	Sec 7 Pg 10
39		CLUTCH COVER PLATE	REF.	Sec 6 Pg 6
	NOTE:	**AT S/N 21916 & UP CONTROL VALVE ASSEMBLIES P/N's 58534 OR 58740 ALSO APPLY TO MODELS 740 & 740A, WHILE P/N's 58535 OR 58741 ONLY APPLY TO MODELS 750 THRU 780A.**		

EFFECTIVE SERIAL NUMBER(S) 16404 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

LONG TANDEM ASSEMBLY - MODEL 740 THRU 760

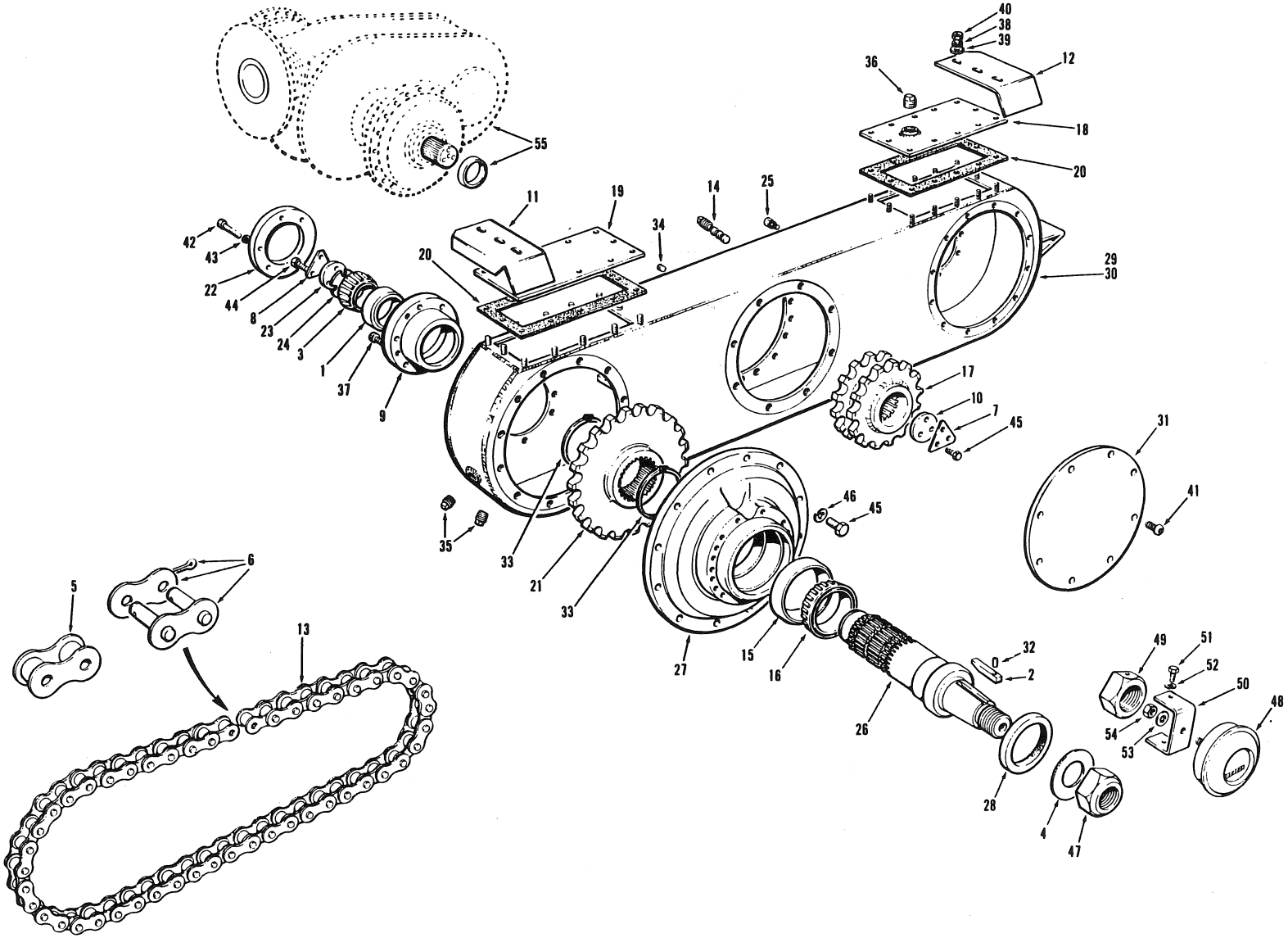
DECEMBER 1986

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	701A	BEARING CUP	4	
2	7039	KEY	4	
3	7060	BEARING CONE	4	
4	7774	WASHER	4	
5	10858-1	LINK	A.R.	
6	11230	CONNECTING LINK	A.R.	
7	11887	TANDEM CASE	2	SERIAL NO. 16404 TO 16571&16581
8	12653	TAB WASHER	2	
9	15361	COVER PLATE	2	
10	17981	END CAP	2	
11	18910	BRAKE LINE SHIELD - R.H. REAR, L.H. FRONT	2	
12	18911	BRAKE LINE SHIELD - L.H. REAR, R.H. FRONT	2	
13	24282	CHAIN - INCLUDES CONNECTING LINK	4	
14	27449	MAGNETIC PLUG	4	
15	33254	DRIVE SPROCKET - 13 TOOTH	2	
16	40005	COVER PLATE - REAR	2	
17	40006	COVER PLATE - FRONT	2	
18	40007	GASKET	4	
19	40296	VENT PLUG	2	
20	41483	TANDEM CASE - L.H.	1	SERIAL NO. 16575,16589 & UP
21	41484	TANDEM CASE - R.H.	1	
22	13J-0816	PIN	4	
23	115D-02	PLUG	A.R.	
24	115E-12	PLUG	4	
25	115E-24	PLUG	2	
26	50D-0608	CAPSCREW	8	
27	14A-06	LOCKWASHER	48	
28	*14C-06	FLATWASHER	12	
29	30A-06	NUT	48	
30	50E-0808	CAPSCREW	16	
31	50A-0820	BOLT	24	
32	14A-08	LOCKWASHER	24	
33	50A-1014	BOLT	54	
34	14A-10	LOCKWASHER	48	
35	37D-36	LOCKNUT	4	
	*32338	SILICONE SEALANT - 304 mL TUBE CHAMPION ROAD MACHINERY RECOMMENDS THE USE OF SILICONE SEALANT IN PLACE OF GASKETS.	A.R.	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		HEAVY DUTY STUB AXLE INSTALLATION		SERIAL NO. 16404 TO 16938
36	7035	FLANGE	4	
37	7036	CAP	4	
38	7042A	BEARING CUP	4	
39	7042B	BEARING CONE	4	
40	7044B	SHIM - .020" THICK	A.R.	
41	7044C	SHIM - .010" THICK	A.R.	
42	11899	HOUSING	4	
43	*11901	SPROCKET - 29 TOOTH	4	
44	36601	STUB AXLE - HEAVY	4	SEE NOTE 1
45	36915	OIL SEAL	4	
46	50A-1228	BOLT	48	
47	36N-12	NUT	48	
	NOTE 1	STUB AXLE KIT (TO BE USED WHEN OIL SEAL HAS WORN A GROOVE IN STUB AXLE) CONSISTS OF:		
48	17666	REPAIR SLEEVE	1	
49	17667	INSTALLATION TOOL	1	
		HEAVY DUTY STUB AXLE INSTALLATION		SERIAL NO. 16968 & UP
50	19C-450	SNAP RING	8	
51	16789	TAB WASHER	4	
52	16792	BEARING FLANGE	4	
53	32043	BEARING CUP	4	
54	32044	BEARING CONE	4	
55	40013	SPROCKET - 29 TOOTH	4	
56	40026	BEARING CAP	4	
57	40029	BEARING RETAINER	4	
58	40030	SHIM - .005" THICK	A.R.	
	40031	SHIM - .007" THICK	A.R.	
	40032	SHIM - .020" THICK	A.R.	
59	42489	STUB AXLE - HEAVY	4	
60	42509	HOUSING	4	
61	42569	SEAL	4	
62	50A-1012	BOLT	12	
		ODOMETER INSTALLATION		OPTIONAL
63	10510	ODOMETER - 13:00 X 24 TIRES	1	MILES
	10511	ODOMETER - 14:00 X 24 TIRES	1	
	10512	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	10973	ODOMETER - 17:5 X 25 TIRES	1	
	11919	ODOMETER - 13:00 X 24 TIRES	1	KILOMETERS
	11920	ODOMETER - 14:00 X 24 TIRES	1	
	11921	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	11922	ODOMETER - 17:5 X 25 TIRES	1	
64	24902	SPECIAL NUT	1	
65	24903	BRACKET	1	
66	51A-0606	BOLT	2	
67	14A-06	LOCKWASHER	2	
68	14C-08	FLATWASHER	1	
69	37D-08	LOCKNUT - INCLUDED WITH ITEM 63	1	
70		FINAL DRIVE INSTALLATION	REF.	SECTION 7 PAGE 9 & PAGE 11



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2

LONG TANDEM ASSEMBLY - MODEL 740 THRU 760

JANUARY 1987

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 17723 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2623-2 & UP

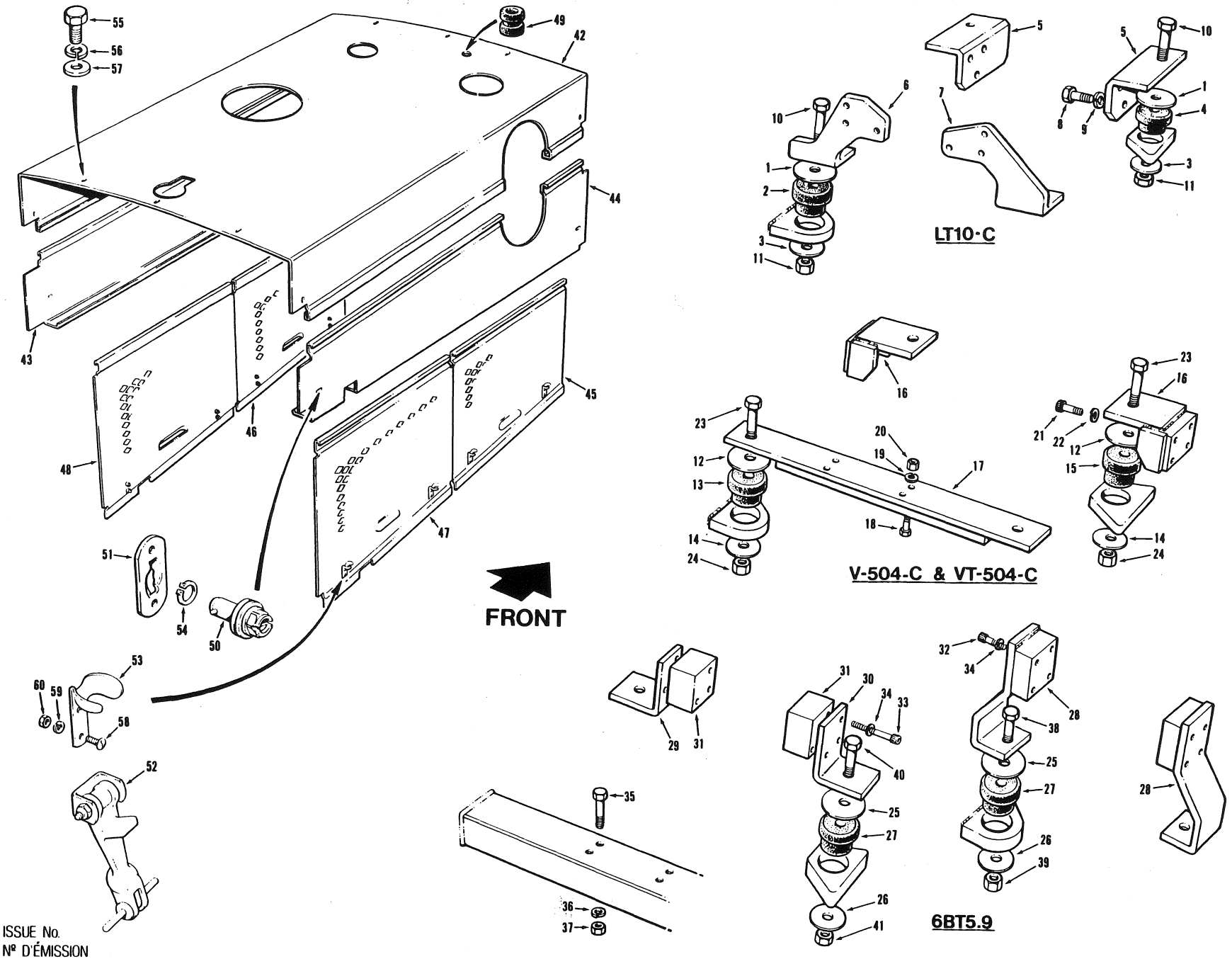
700 SERIES
SERIE 700

SECTION 7 PAGE 19
SECCION 7 PAGINA 19

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	701A	BEARING CUP	4	
2	7039	KEY	4	
3	7060	BEARING CONE	4	
4	7774	WASHER	4	
5	10858-1	LINK	A.R.	
6	11230	CONNECTING LINK	A.R.	
7	12653	TAB WASHER	2	
8	16789	TAB WASHER	4	
9	16792	BEARING FLANGE	4	
10	17981	END CAP	2	
11	18910	BRAKE LINE SHIELD - R.H. REAR, L.H. FRONT	2	
12	18911	BRAKE LINE SHIELD - L.H. REAR, R.H. FRONT	2	
13	24282	CHAIN - INCLUDES CONNECTING LINK	4	
14	27449	MAGNETIC PLUG	4	
15	32043	BEARING CUP	4	
16	32044	BEARING CONE	4	
17	*44566	DRIVE SPROCKET	2	
18	40005	COVER PLATE - REAR	2	
19	40006	COVER PLATE - FRONT	2	
20	40007	GASKET	4	
21	40013	SPROCKET - 29 TOOTH	4	
22	40026	BEARING CUP	4	
23	40029	BEARING RETAINER	4	
24	40030	SHIM - .005" THICK	A.R.	
	40031	SHIM - .007" THICK	A.R.	
	40032	SHIM - .020" THICK	A.R.	
25	40296	VENT PLUG	2	
26	42489	STUB AXLE - HEAVY	4	
27	42509	HOUSING	4	
28	42569	SEAL	4	
29	*44303	TANDEM CASE - R.H.	1	
30	*44304	TANDEM CASE - L.H.	1	
31	*44360	COVER PLATE	2	
32	13J-0816	PIN	4	
33	19C-450	SNAP RING	8	
34	115D-02	PLUG	2	
35	115E-12	PLUG	4	
36	115E-24	PLUG	2	
	32338	SILICONE SEALANT - 304 mL TUBE	A.R.	
		CHAMPION ROAD MACHINERY RECOMMENDS THE USE OF SILICONE SEALANT IN PLACE OF GASKETS.		

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
37	50D-0608	CAPSCREW	8	
38	14A-06	LOCKWASHER	48	
39	14C-06	FLATWASHER	12	
40	30A-06	NUT	48	
41	*50F-0808	CAPSCREW	16	
42	50A-0820	BOLT	24	
43	14A-08	LOCKWASHER	24	
44	50A-1012	BOLT	12	
45	50A-1014	BOLT	54	
46	14A-10	LOCKWASHER	48	
47	37D-36	LOCKNUT	4	
		ODOMETER INSTALLATION		OPTIONAL
	10510	ODOMETER - 13:00 X 24 TIRES	1	
	10511	ODOMETER - 14:00 X 24 TIRES	1	MILES
	10512	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
48	10973	ODOMETER - 17:5 X 25 TIRES	1	
	11919	ODOMETER - 13:00 X 24 TIRES	1	
	11920	ODOMETER - 14:00 X 24 TIRES	1	KILOMETERS
	11921	ODOMETER - 16:00 X 24 OR 18:4 X 26 TIRES	1	
	11922	ODOMETER - 17:5 X 25 TIRES	1	
49	24902	SPECIAL NUT	1	
50	24903	BRACKET	1	
51	51A-0606	BOLT	2	
52	14A-06	LOCKWASHER	2	
53	14C-08	FLATWASHER	1	
54	37D-08	LOCKNUT - INCLUDED WITH ITEM 48	1	
55		FINAL DRIVE INSTALLATION	REF.	SECTION 7 PAGE 9 & PAGE 11



EFFECTIVE SERIAL NUMBER(S) 16224, 16245 TO 16805
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

U.S. 2100-2 TO 2418-2

700 SERIES
SERIE 700

SECTION 8 PAGE 1
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

ENGINE MOUNTS, HOOD & PANELS

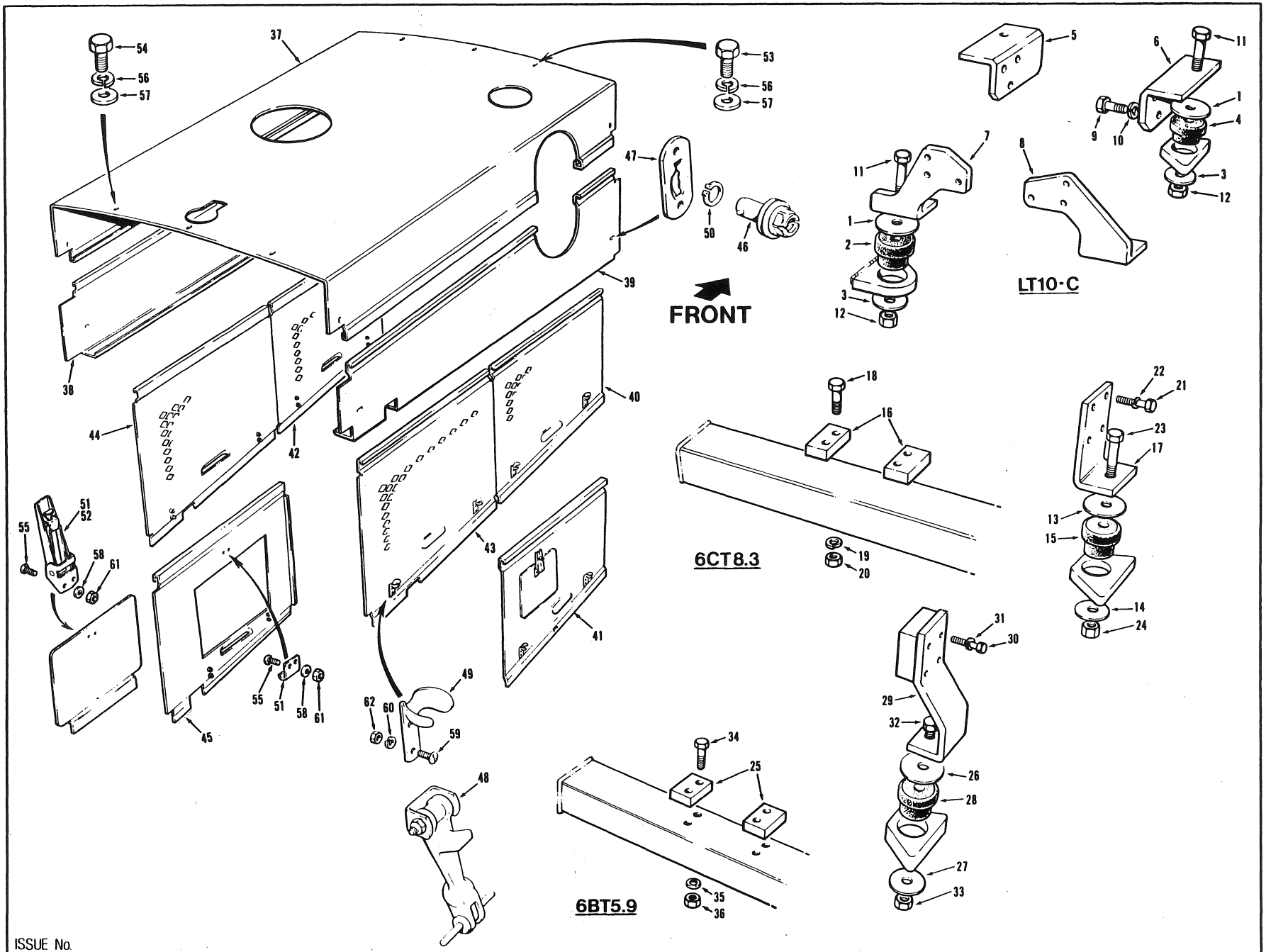
SEPTEMBER 1985

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		LT-10-C INSTALLATION		
1	11968	WASHER	4	
2	11970	RUBBER MOUNT - REAR	2	
3	30075	WASHER	4	
4	30081	RUBBER MOUNT - FRONT	2	
5	41253	SUPPORT - FRONT L.H.	1	
	41254	SUPPORT - FRONT R.H.	1	
6	40837	SUPPORT - REAR - L.H.	1	
7	40838	SUPPORT - REAR - R.H.	1	
8	50D-1012	BOLT	6	
9	14A-10	LOCKWASHER	6	
10	50A-1232	BOLT	4	
11	36C-12	LOCKNUT	4	
		V-504-C & VT-504-C INSTALLATION		
12	11968	WASHER	4	
13	11970	RUBBER MOUNT	2	
14	30075	WASHER	4	
15	30081	RUBBER MOUNT	2	
16	40174	SUPPORT - FRONT	2	
17	40175	SUPPORT - REAR	1	
18	50A-0714	BOLT	4	
19	14A-07	LOCKWASHER	4	
20	30A-07	NUT	4	
21	50D-0820	BOLT	8	
22	14A-08	LOCKWASHER	8	
23	51A-1228	BOLT	4	
24	37C-12	LOCKNUT	4	
		6BT5.9 INSTALLATION		
25	11968	WASHER	4	
26	30075	WASHER	4	
27	30081	RUBBER MOUNT	4	
28	40252	SUPPORT - FRONT	2	
29	40527	SUPPORT - REAR - L.H.	1	
30	40528	SUPPORT - REAR - R.H.	1	
31	40538	SPACER	2	
32	350A-12075	BOLT	8	
33	350A-12100	BOLT	6	
34	14A-08	LOCKWASHER	14	
35	50A-0722	BOLT	A.R.	
36	14A-07	LOCKWASHER	A.R.	
37	30A-07	NUT	A.R.	
38	50A-1232	BOLT	2	
39	36C-12	LOCKNUT	2	
40	51A-1232	BOLT	4	
41	37C-12	LOCKNUT	4	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		HOOD & PANELS		
42	40070	HOOD	1	740 & 760
	40232	HOOD	1	730
	40674	HOOD	1	720
	40276	HOOD	1	710
	41021	HOOD	1	720
	41022	HOOD A.W.D.	1	730
	41020	HOOD	1	710
43	17829	INTERMEDIATE PANEL - L.H.	1	
44	40071	INTERMEDIATE PANEL - R.H.	1	
	41033	INTERMEDIATE PANEL - R.H.	1	A.W.D.
45	17962	LOWER PANEL - FRONT - R.H.	1	730,740,76
	35229	LOWER PANEL - FRONT - R.H.	1	710 & 720
	36341	LOWER PANEL - FRONT - R.H.	1	730 A.W.D.
	30765	LOWER PANEL - FRONT - R.H.	1	710 A.W.D.
				720 A.W.D.
46	17963	LOWER PANEL - FRONT - L.H.	1	730,740,76
	35230	LOWER PANEL - FRONT - L.H.	1	710 & 720
	36342	LOWER PANEL - FRONT - L.H.	1	730 A.W.D.
	30766	LOWER PANEL - FRONT - L.H.	1	710 A.W.D.
				720 A.W.D.
47	17964	LOWER PANEL - REAR - R.H.	1	730,740,76
	35231	LOWER PANEL - REAR - R.H.	1	710 & 720
	36343	LOWER PANEL - REAR - R.H.	1	730 A.W.D.
	30769	LOWER PANEL - REAR - R.H.	1	710 A.W.D.
				720 A.W.D.
	19100	LOWER PANEL - REAR - R.H.	1	RIPPER
48	17965	LOWER PANEL - REAR - L.H.	1	730,740,76
	35232	LOWER PANEL - REAR - L.H.	1	710 & 720
	36344	LOWER PANEL - REAR - L.H.	1	730 A.W.D.
	30770	LOWER PANEL - REAR - L.H.	1	710 A.W.D.
				720 A.W.D.
	19101	LOWER PANEL - REAR - L.H.	1	RIPPER
49	11161	GROMMET	A.R.	
50	17042	FASTENER	2	
51	17044	CLIP	A.R.	
52	18288	FASTENER	2	
53	18289	BRACKET	2	
54	18799	GRIP RING	2	
55	50A-0506	BOLT	A.R.	
56	14A-05	LOCKWASHER	A.R.	
57	14C-05	FLATWASHER	A.R.	
58	53L-1004	MACHINE SCREW	4	
59	14F-10	LOCKWASHER	4	
60	33A-10	NUT	4	



EFFECTIVE SERIAL NUMBER(S) 16806 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2419-2 & UP

700 SERIES
SERIE 700

SECTION 8
SECCION
PAGE 1
PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION A

ENGINE MOUNTS, HOOD & PANELS

APRIL 1987

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

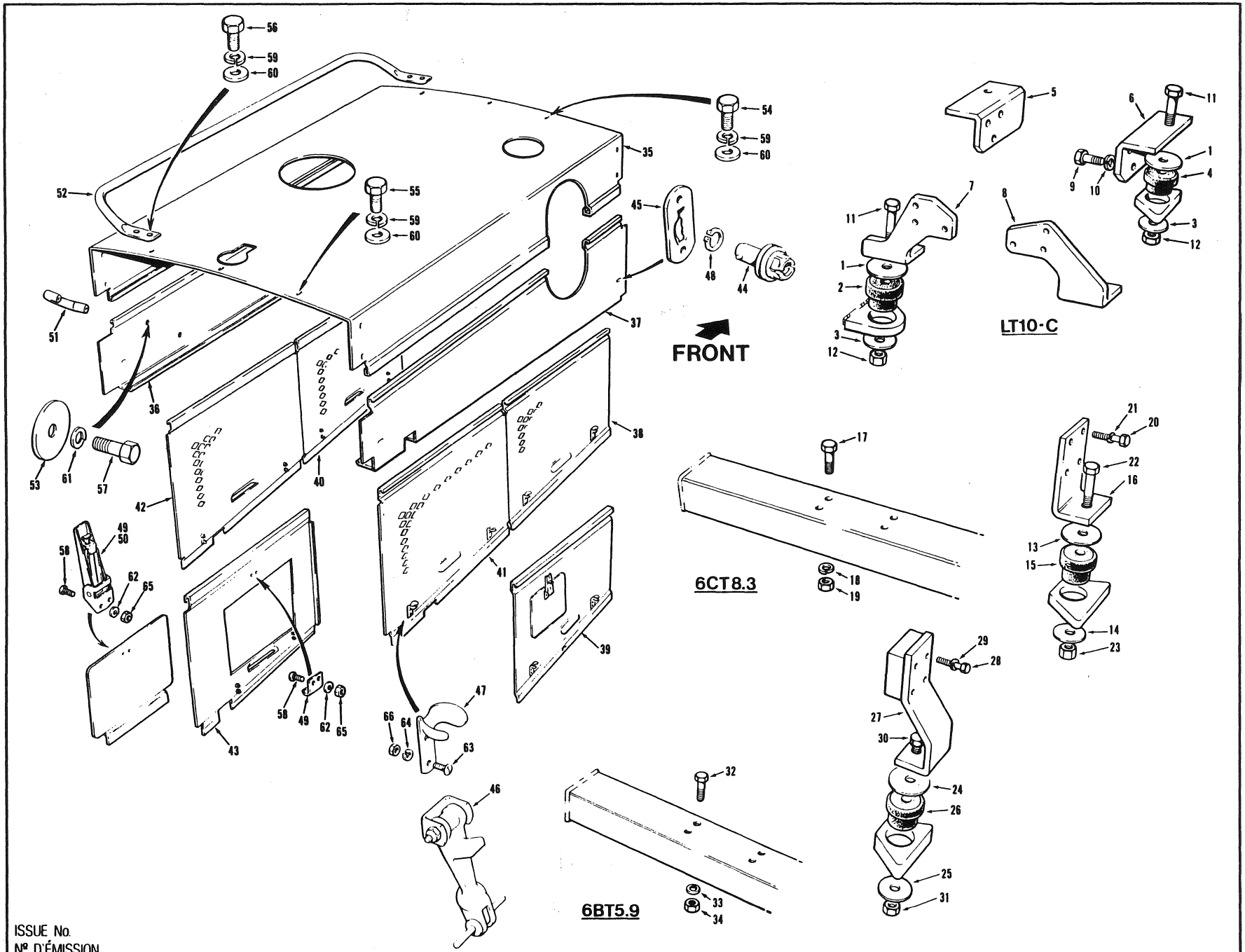
No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		L-10-C INSTALLATION		
1	11968	WASHER	4	
2	11970	RUBBER MOUNT - REAR	2	
3	30075	WASHER	4	
4	30081	RUBBER MOUNT - FRONT	2	
5	41253	SUPPORT - FRONT - L.H.	1	
6	41254	SUPPORT - FRONT - R.H.	1	
7	40837	SUPPORT - REAR - L.H.	1	
8	40838	SUPPORT - REAR - R.H.	1	
9	50D-1012	BOLT	6	
10	14A-10	LOCKWASHER	6	
11	50A-1232	BOLT	4	
12	*36N-12	LOCKNUT	4	
		6CT8.3 INSTALLATION		
13	11968	WASHER	2	
14	30075	WASHER	2	
15	30081	RUBBER MOUNT - FRONT	2	
16	42861	PAD	2	
17	*45110	SUPPORT - FRONT	2	
18	50A-0722	BOLT	4	
19	14A-07	LOCKWASHER	4	
20	30A-07	LOCKNUT	4	
21	350A-12040	BOLT	4	
22	*314A-12	LOCKWASHER	4	
23	50A-1232	BOLT	4	
24	*36N-12	LOCKNUT	4	
		6BT5.9 INSTALLATION		
25	42861	PAD	2	
26	11968	WASHER	2	
27	30075	WASHER	2	
28	30081	RUBBER MOUNT	2	
29	40252	SUPPORT - FRONT	2	
30	350A-12075	BOLT	8	
31	*314A-12	LOCKWASHER	8	
32	50A-1232	BOLT	2	
33	*36N-12	LOCKNUT	2	
34	*50A-0718	BOLT	4	
35	14A-07	LOCKWASHER	4	
36	30A-07	NUT	4	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		HOODS AND PANELS		
37	40276	HOOD	1	6BT5.9
	41806	HOOD	1	6CT8.3
	42372	HOOD	1	L-10-C
38	17829	INTERMEDIATE PANEL - L.H.	1	
39	40071	INTERMEDIATE PANEL - R.H.	1	710, 720, 730
	41033	INTERMEDIATE PANEL - R.H.	1	A.W.D.
	42373	INTERMEDIATE PANEL - R.H.	1	740 & 780
40	17962	LOWER PANEL - FRONT - R.H.	1	740 & 780
41	*45152	LOWER ACCESS PANEL - FRONT - R.H.	1	730
	*45141	LOWER ACCESS PANEL - FRONT - R.H.	1	710 & 720
	*45153	LOWER ACCESS PANEL - FRONT - R.H.	1	730 A.W.D.
	*45142	LOWER ACCESS PANEL - FRONT - R.H.	1	710 A.W.D. 720 A.W.D.
42	17963	LOWER PANEL - FRONT - L.H.	1	730, 740, 780
	35230	LOWER PANEL - FRONT - L.H.	1	710 & 720
	41416	LOWER PANEL - FRONT - L.H.	1	730 A.W.D.
	30766	LOWER PANEL - FRONT - L.H.	1	710 A.W.D. 720 A.W.D.
43	*45785	LOWER PANEL - REAR - R.H.	1	780
	17964	LOWER PANEL - REAR - R.H.	1	730 & 740
	35231	LOWER PANEL - REAR - R.H.	1	710 & 720
	41417	LOWER PANEL - REAR - R.H.	1	730 A.W.D.
	30769	LOWER PANEL - REAR - R.H.	1	710 A.W.D. 720 A.W.D.
	19100	LOWER PANEL - REAR - R.H.	1	RIPPER
44	17965	LOWER PANEL - REAR - L.H.	1	730
	35232	LOWER PANEL - REAR - L.H.	1	710 & 720
	41418	LOWER PANEL - REAR - L.H.	1	730 A.W.D.
	30770	LOWER PANEL - REAR - L.H.	1	710 A.W.D. 720 A.W.D.
	19101	LOWER PANEL - REAR - L.H.	1	RIPPER
45	*45143	LOWER ACCESS PANEL - REAR - L.H.	1	740
	*45782	LOWER ACCESS PANEL - REAR - L.H.	1	780
46	17042	FASTENER	2	
47	17044	CLIP	A.R.	REPAIR PART
48	18288	FASTENER	2	
49	18289	BRACKET	2	
50	18799	GRIP RING	2	
51	*19278	STRIKE-CAMLOCK	1	
52	*19279	LATCH	1	
53	50A-0506	BOLT	7	
54	*50A-0508	BOLT	7	
55	*52L-0604	SCREW	4	
56	14A-05	LOCKWASHER	14	
57	14C-05	FLATWASHER	14	
58	*14F-06	LOCKWASHER	4	
59	53L-1004	SCREW	4	
60	14F-10	LOCKWASHER	4	
61	*32A-06	NUT	4	
62	33A-10	NUT	4	

EFFECTIVE SERIAL NUMBER(S) 18916 TO 18918, 18923
NUMERO(S) DE SÉRIE EFFECTIF(S) TO 18930, 18970 & UP
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 8 PAGE 1
SECCION PAGINA



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

ENGINE MOUNTS, HOOD & PANELS

SEPTEMBER 1988

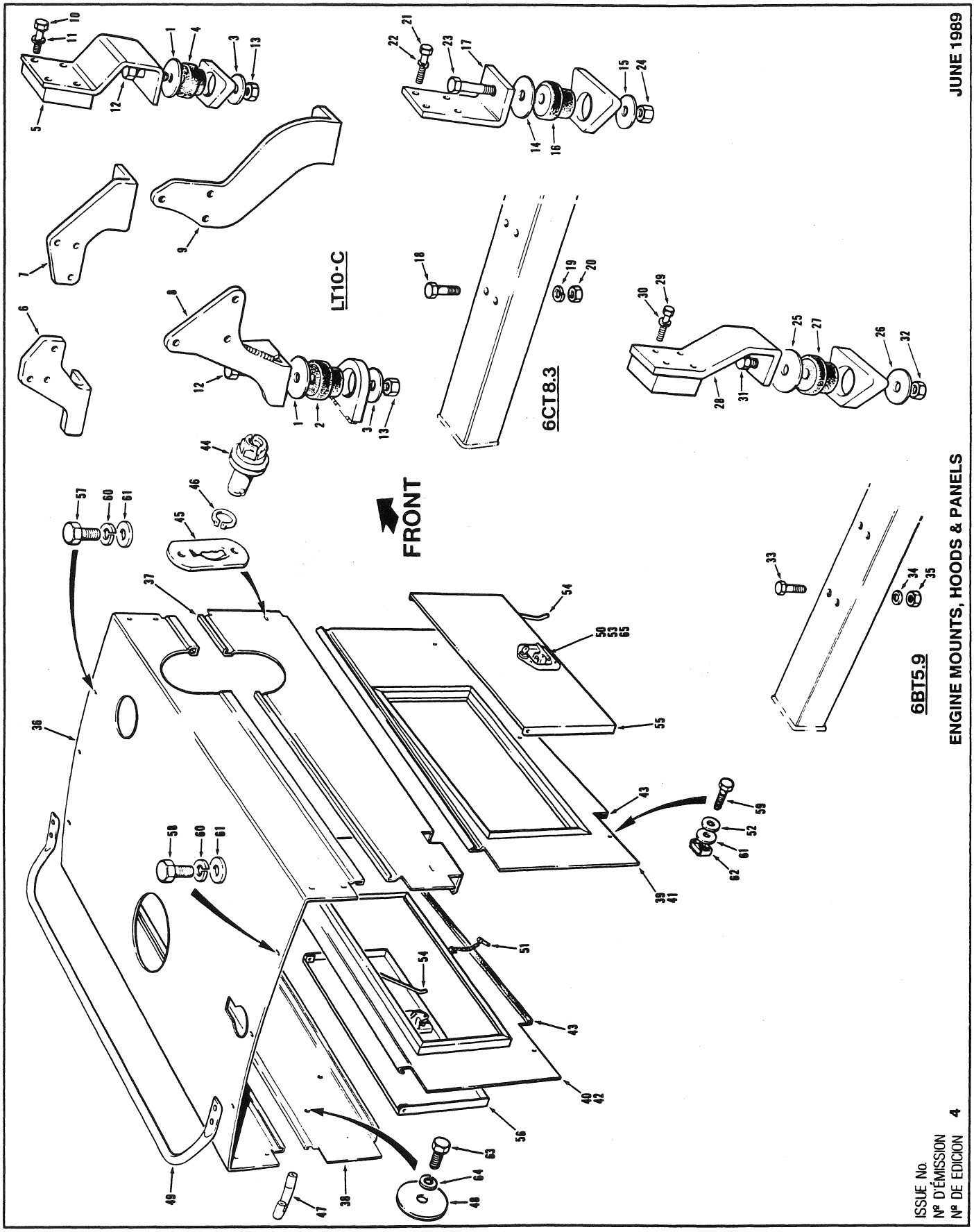
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

ENGINE MOUNTS, HOOD & PANELS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		L-10-C INSTALLATION		
1	11968	WASHER	4	
2	11970	RUBBER MOUNT - REAR	2	
3	30075	WASHER	4	
4	30081	RUBBER MOUNT - FRONT	2	
5	41253	SUPPORT - FRONT - L.H.	1	
6	41254	SUPPORT - FRONT - R.H.	1	
7	40837	SUPPORT - REAR - L.H.	1	
8	40838	SUPPORT - REAR - R.H.	1	
9	50D-1012	BOLT	6	
10	14A-10	LOCKWASHER	6	
11	50A-1232	BOLT	4	
12	36N-12	LOCKNUT	4	
		6CT8.3 INSTALLATION		
13	11968	WASHER	2	
14	30075	WASHER	2	
15	30081	RUBBER MOUNT - FRONT	2	
16	45110	SUPPORT - FRONT	2	
17	50A-0722	BOLT	4	
18	14A-07	LOCKWASHER	4	
19	30A-07	LOCKNUT	4	
20	350A-12040	BOLT	4	
21	314A-12	LOCKWASHER	4	
22	50A-1232	BOLT	4	
23	36N-12	LOCKNUT	4	
		6BT5.9 INSTALLATION		
24	11968	WASHER	2	
25	30075	WASHER	2	
26	30081	RUBBER MOUNT	2	
27	40252	SUPPORT - FRONT	2	
28	350A-12075	BOLT	8	
29	314A-12	LOCKWASHER	8	
30	50A-1232	BOLT	2	
31	36N-12	LOCKNUT	2	
32	50A-0718	BOLT	4	
33	14A-07	LOCKWASHER	4	
34	30A-07	NUT	4	
		HOODS AND PANELS		
35	*48681	HOOD	1	6BT5.9
	*48682	HOOD	1	6CT8.3
	*48683	HOOD	1	L-10-C
36	*48654	INTERMEDIATE PANEL - L.H.	1	
37	40071	INTERMEDIATE PANEL - R.H.	1	710,720,730
	41033	INTERMEDIATE PANEL - R.H.	1	A.W.D.
	42373	INTERMEDIATE PANEL - R.H.	1	740,750,780
38	17962	LOWER PANEL - FRONT - R.H.	1	740,750,780
39	45152	LOWER ACCESS PANEL - FRONT - R.H.	1	730
	45141	LOWER ACCESS PANEL - FRONT - R.H.	1	710 & 720
	45153	LOWER ACCESS PANEL - FRONT - R.H.	1	730 A.W.D.
	45142	LOWER ACCESS PANEL - FRONT - R.H.	1	710 A.W.D. 720 A.W.D.
40	17963	LOWER PANEL - FRONT - L.H.	1	730,740 750,780
	35230	LOWER PANEL - FRONT - L.H.	1	710 & 720
	41416	LOWER PANEL - FRONT - L.H.	1	730 A.W.D.
	30766	LOWER PANEL - FRONT - L.H.	1	710 A.W.D. 720 A.W.D.
41	45785	LOWER PANEL - REAR - R.H.	1	780
	17964	LOWER PANEL - REAR - R.H.	1	730 & 740
	35231	LOWER PANEL - REAR - R.H.	1	710 & 720
	41417	LOWER PANEL - REAR - R.H.	1	730 A.W.D.
	30769	LOWER PANEL - REAR - R.H.	1	710 A.W.D. 720 A.W.D.
	19100	LOWER PANEL - REAR - R.H.	1	RIPPER
42	17965	LOWER PANEL - REAR - L.H.	1	730
	35232	LOWER PANEL - REAR - L.H.	1	710 & 720
	41418	LOWER PANEL - REAR - L.H.	1	730 A.W.D.
	30770	LOWER PANEL - REAR - L.H.	1	710 A.W.D. 720 A.W.D.
	19101	LOWER PANEL - REAR - L.H.	1	RIPPER
43	45143	LOWER ACCESS PANEL - REAR - L.H.	1	740,750
	45782	LOWER ACCESS PANEL - REAR - L.H.	1	780
44	17042	FASTENER	2	
45	17044	CLIP	A.R.	REPAIR PART
46	18288	FASTENER	2	
47	18289	BRACKET	2	
48	18799	GRIP RING	2	
49	19278	STRIKE-CAMLOCK	1	
50	19279	LATCH	1	
51	*48653	GRAB HANDLE - INTERMEDIATE PANEL - L.H.	1	
52	*48679	GRAB HANDLE - HOOD	1	
53	*48656	BACK UP WASHER	2	
54	50A-0506	BOLT	6	
55	50A-0508	BOLT	6	
56	*50A-0512	BOLT	2	
57	*50A-0608	BOLT	2	
58	52L-0604	SCREW	4	
59	14A-05	LOCKWASHER	14	
60	14C-05	FLATWASHER	14	
61	*14A-06	LOCKWASHER	2	
62	14F-06	LOCKWASHER	4	
63	53L-1004	SCREW	4	
64	14F-10	LOCKWASHER	4	
65	32A-06	NUT	4	
66	33A-10	NUT	4	
	*48910	GRAB HANDLE KIT	A.R.	



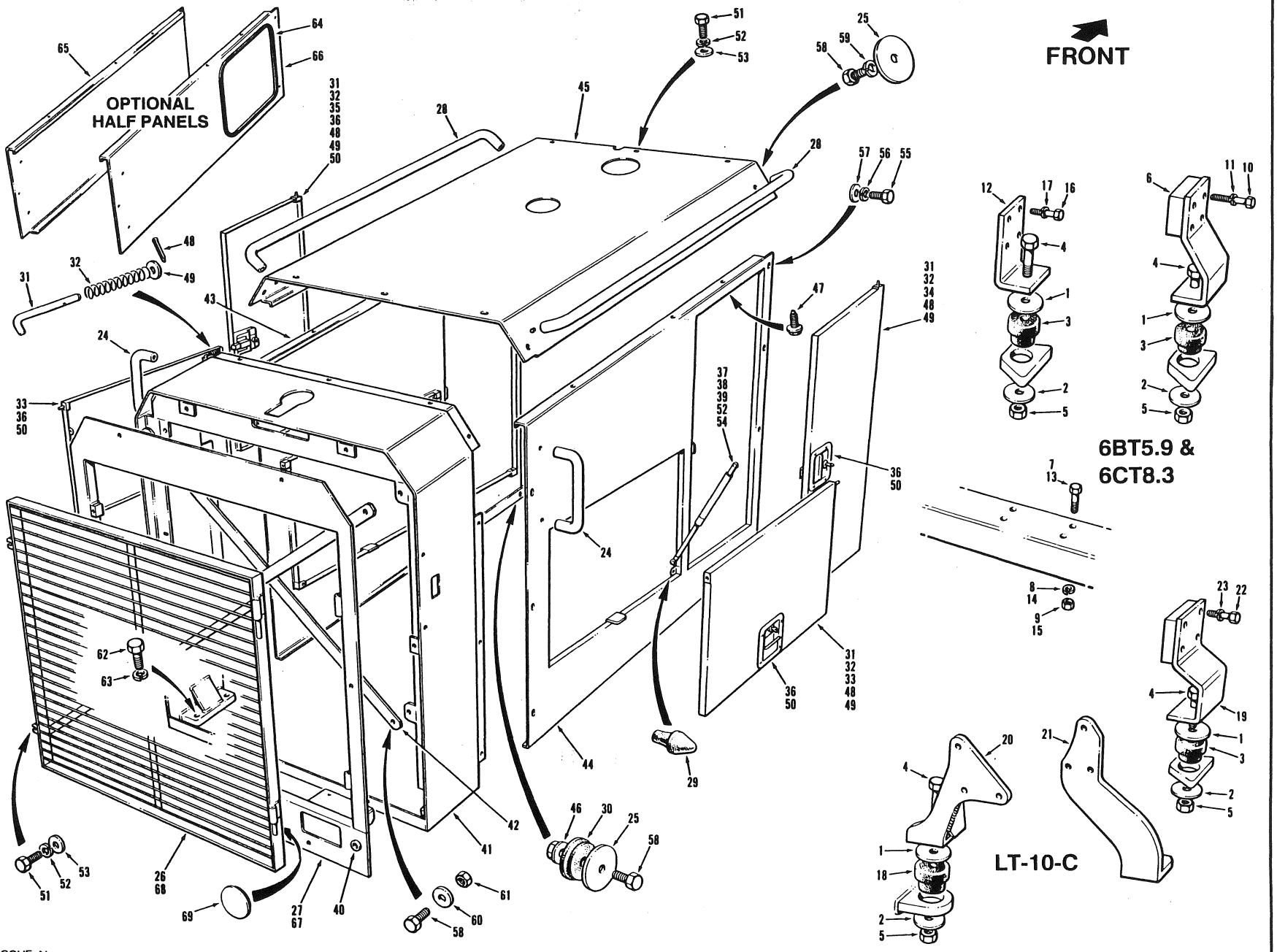
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NUMERO(S) DE SÉRIE EFFECTIF(S) 19609, 19612, 19613, 19614,
NUMERO(S) DE SERIE EFECTIVO(S) 19616, 19618 & UP

700 SERIES
SERIE 700

SECTION 8 PAGE 1
SECCION PAGINA

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		L-10-C INSTALLATION		
1	11968	WASHER	4	
2	11970	RUBBER MOUNT - REAR	2	
3	30075	WASHER	4	
4	30081	RUBBER MOUNT - FRONT	2	
5	*48614	SUPPORT - FRONT	2	
6	40837	SUPPORT - L.H.	1	UP TO
7	40838	SUPPORT - R.H.	1	S/N 19884
8	*53694	SUPPORT - L.H.	1	S/N 19885
9	*53760	SUPPORT - R.H.	1	& UP
10	50A-1024	BOLT	8	
11	14A-10	LOCKWASHER	8	
12	50A-1232	BOLT	2	
13	36N-12	LOCKNUT	2	
		6CT8.3 INSTALLATION		
14	11968	WASHER	2	
15	30075	WASHER	2	
16	30081	RUBBER MOUNT - FRONT	2	
17	45110	SUPPORT - FRONT	2	
18	50A-0722	BOLT	4	
19	14A-07	LOCKWASHER	4	
20	30A-07	NUT	4	
21	350A-12040	BOLT	4	
22	314A-12	LOCKWASHER	4	
23	50A-1232	BOLT	4	
24	36N-12	LOCKNUT	2	
		6BT5.9 INSTALLATION		
25	11968	WASHER	2	
26	30075	WASHER	2	
27	30081	RUBBER MOUNT	2	
28	40252	SUPPORT - FRONT	2	
29	350A-12075	BOLT	8	
30	314A-12	LOCKWASHER	8	
31	50A-1232	BOLT	2	
32	36N-12	LOCKNUT	2	
33	50A-0718	BOLT	4	
34	14A-07	LOCKWASHER	4	
35	30A-07	NUT	4	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		HOOD & PANELS		
36	48681	HOOD	1	6BT5.9
	48682	HOOD	1	6CT8.3
	48683	HOOD	1	L-10-C 1.5
37	40071	INTERMEDIATE PANEL - R.H.	1	710 thru 730A
	41033	INTERMEDIATE PANEL - R.H.	1	A.W.D.
	42373	INTERMEDIATE PANEL - R.H.	1	740 thru 780A
38	48654	INTERMEDIATE PANEL - L.H.	1	
39	*52052	LOWER PANEL - R.H.	1	
40	*52053	LOWER PANEL - L.H.	1	
41	*52074	LOWER PANEL - R.H.	1	A.W.D.
42	*52076	LOWER PANEL - L.H.	1	A.W.D.
43	*12736x49.12	STRIP - RUBBER	2	
44	17042	FASTENER	2	
45	17044	CLIP	2	
46	18799	CLIP RING	2	
47	48653	GRAB HANDLE - INTERMEDIATE PANEL - L.H.	1	
48	48656	BACK-UP WASHER	2	
49	48679	GRAB HANDLE - HOOD	1	
50	*51079	GASKET	1	
51	*51097	LOCK PIN & CHAIN	2	
52	*51117	RETAINER	1	
53	*51537	DOOR HANDLE - C/W KEY	2	
54	*52032	LATCH	2	
55	*52036	DOOR - R.H. - C/W ITEM 50, 53, 54 & 65	1	
56	*52037	DOOR - L.H. - C/W ITEM 50, 53, 54 & 65	1	
57	50A-0506ZI	BOLT	7	
58	50A-0508ZI	BOLT	7	
59	*50A-0518ZI	BOLT	6	
60	14A-05ZI	LOCKWASHER	20	
61	14C-05ZI	FLATWASHER	20	
62	*38A-0503	CAGE NUT	6	REPAIR PART
63	50A-0608	BOLT	2	
64	14A-06	LOCKWASHER	2	
65	*76A-064	RIVET	8	



EFFECTIVE SERIAL NUMBER(S) 19982, 19984, 19985, 19996,
NUMERO(S) DE SÉRIE EFFECTIF(S) 20005, 20227 to 20232,
NUMERO(S) DE SERIE EFECTIVO(S) 20265 to 20375, 20383 & UP

700 SERIES
SERIE 700

SECTION 8 PAGE 1
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

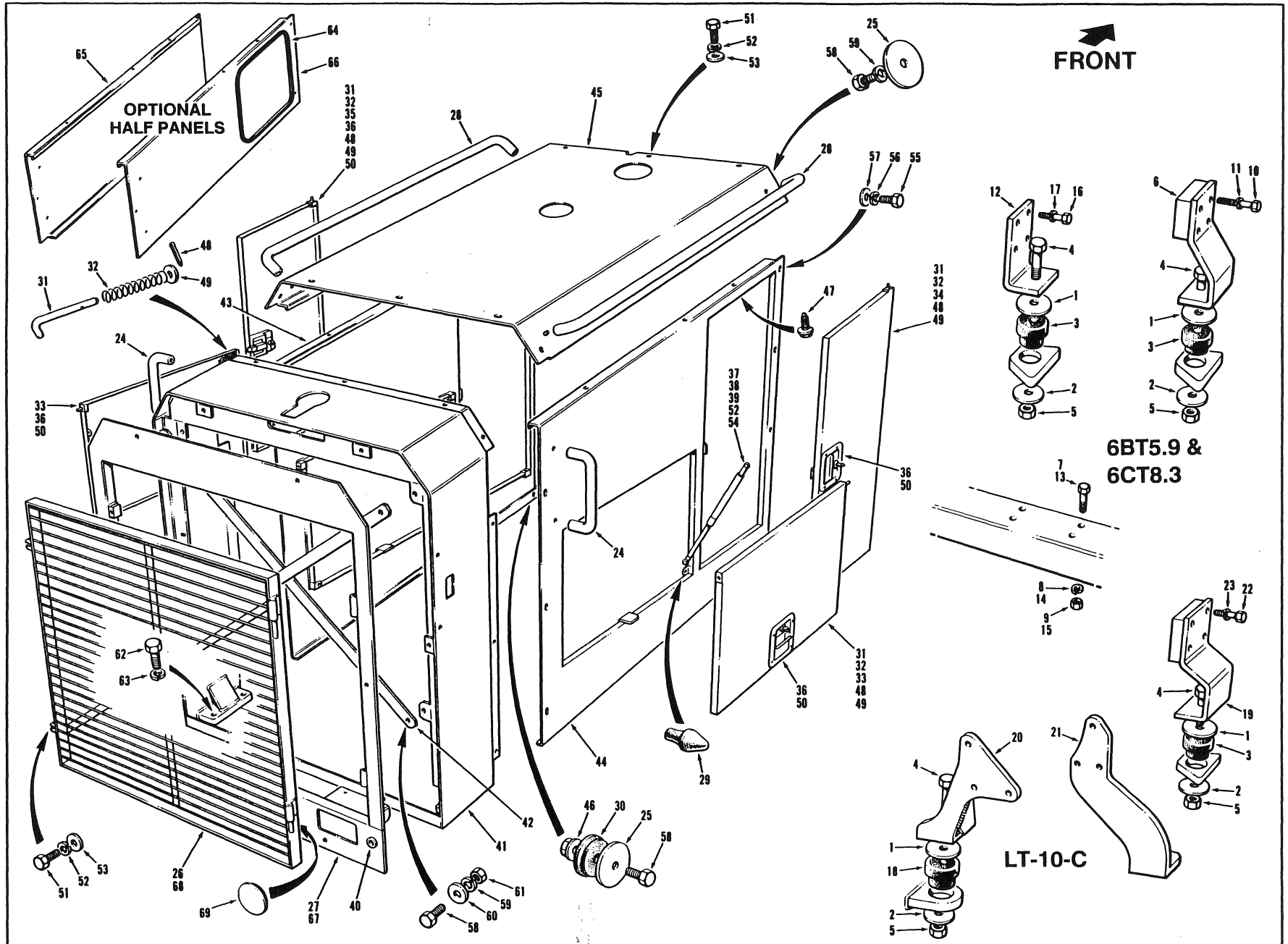
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5 REVISION A

ENGINE MOUNTS, HOODS & PANELS

JANUARY 1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		ENGINE MOUNTS		
1	11968	WASHER	2 or 4	
2	30075	WASHER	2 or 4	
3	30081	RUBBER MOUNT - FRONT	2	
4	50A-1232	BOLT	2 or 4	
5	36N-12	LOCKNUT	2 or 4	
6	40252	SUPPORT - FRONT	2	
7	50A-0718	BOLT	4	
8	14A-07	LOCKWASHER	4	
9	30A-07	NUT	4	6BT5.9
10	350A-12075	BOLT	8	
11	314A-12	LOCKWASHER	8	
12	45110	SUPPORT - FRONT	2	
13	50A-0722	BOLT	4	
14	14A-07	LOCKWASHER	4	
15	30A-07	NUT	4	6CT8.3
16	350A-12040	BOLT	8	
17	314A-12	LOCKWASHER	8	
18	11970	RUBBER MOUNT - REAR	2	
19	48614	SUPPORT - FRONT	2	
20	53694	SUPPORT - REAR - L.H.	1	L-10-C
21	53760	SUPPORT - REAR - R.H.	1	
22	50A-1024	BOLT	8	
23	14A-10	LOCKWASHER	8	
		HOODS & PANELS		
24	48653	GRAB HANDLE - SIDE PANEL	2	
25	*14C-06ZI	BACK-UP WASHER	12	
26	52774	GRILLE DOOR	1	
27	52780	GRILLE FRAME	1	
28	52792	GRAB HANDLE - HOOD	2	
29	52811	BUMPER	8	
30	52812	GROMMET	4	
31	52855	HINGE PIN	4	
32	52857	SPRING	4	
33	52860	DOOR ASSEMBLY - REAR - C/W ITEMS 31, 32, 36, 48, 49 & 50	2	
34	52861	DOOR ASSEMBLY - FRONT - R.H. C/W ITEMS 31, 32, 36, 48, 49 & 50	1	
35	52862	DOOR ASSEMBLY - FRONT - L.H. C/W ITEMS 31, 32, 36, 48, 49 & 50	1	
36	52863	DOOR HANDLE - C/W KEY	4	
37	52867	CYLINDER ASSEMBLY	2	
38	52868	SWIVEL	4	
39	52869	CLIP	4	
40	52885	GROMMET	1	
41	52991	RADIATOR FRAME	1	
42	52992	STABILIZER BAR	2	
43	54563	SIDE PANEL - L.H.	1	
44	54564	SIDE PANEL - R.H.	1	
45	54568	HOOD	1	6BT5.9
	54569	HOOD	1	6CT8.3
	54570	HOOD	1	L-10-C
46	54657	LOCKNUT	4	
47	54658	SCREW	6	
48	13A-0212	COTTER PIN	4	
49	14D-05	FLATWASHER	4	
50	75A-053	RIVET	16	
51	50A-0508	BOLT	18	
52	14A-05	LOCKWASHER	22	
53	14C-05	FLATWASHER	18	
54	30A-05	NUT	4	
55	50A-0508ZI	BOLT	12	
56	14A-05ZI	LOCKWASHER	12	
57	14C-05ZI	FLATWASHER	12	
58	50A-0608	BOLT	16	
59	14A-06	LOCKWASHER	8	
60	14C-06	FLATWASHER	4	
61	30A-06	NUT	4	
62	50A-0812	BOLT	4	
63	14A-08	LOCKWASHER	4	
		HALF PANELS INSTALLATION - OPTIONAL		
64	40839 x 63	TRIM	1	
65	54706	SIDE PANEL - L.H.	1	
66	54707	SIDE PANEL - R.H.	1	
67	*56126	GRILLE FRAME	1	A.W.D.
68	*56129	GRILLE DOOR	1	
69	*56172	PLUG	1	



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20719 & UP
EXCLUDING 20731

700 SERIES
SERIE 700

SECTION 8 PAGE 1
SECCION 8 PAGINA 1

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 6

ENGINE MOUNTS, HOODS & PANELS

JULY 1990

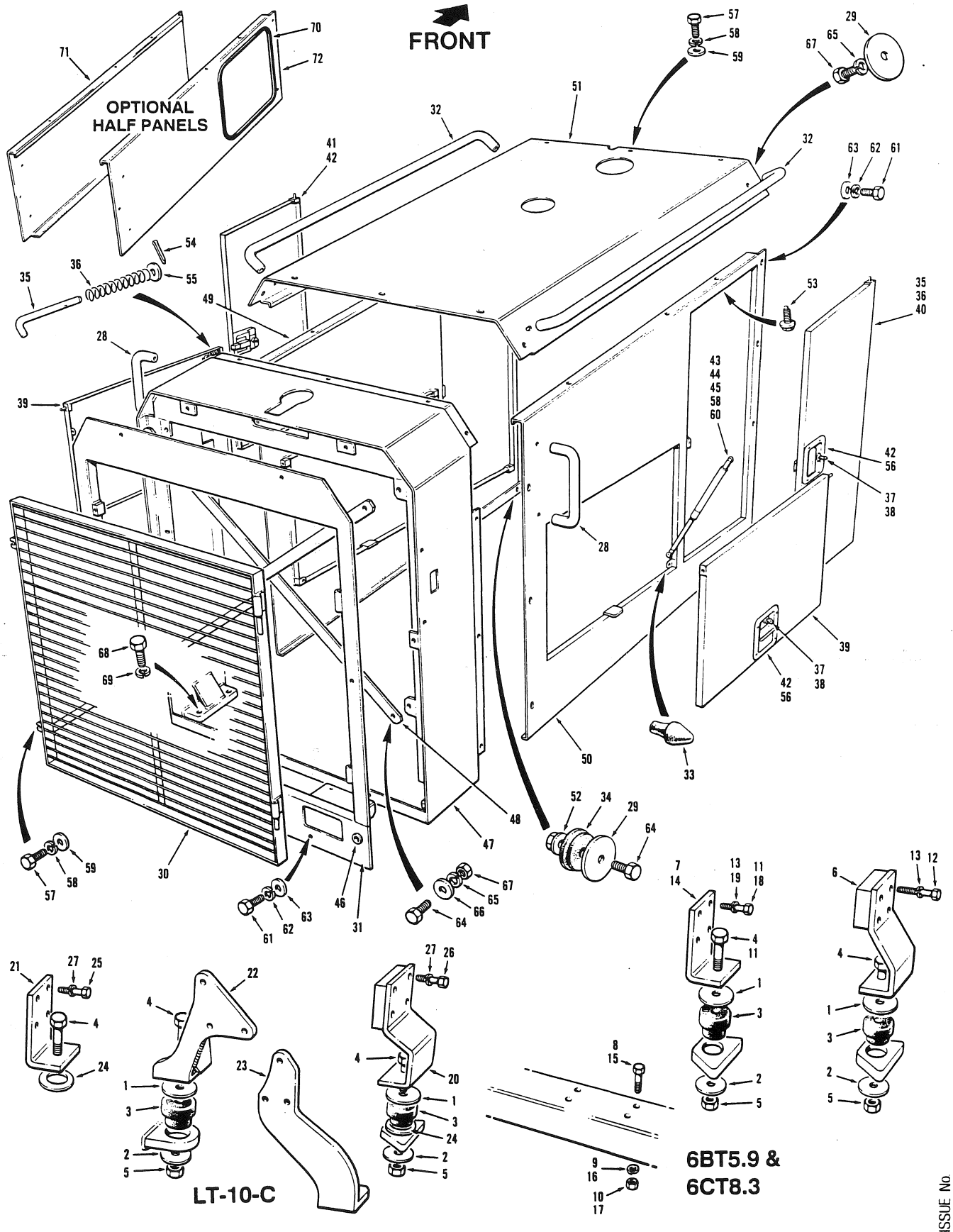
FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		ENGINE MOUNTS		
1	11968	WASHER	2 or 4	
2	30075	WASHER	2 or 4	
3	30081	RUBBER MOUNT - FRONT	2	
4	50A-1232	BOLT	2 or 4	
5	36N-12	LOCKNUT	2 or 4	
6	40252	SUPPORT - FRONT	2	6BT5.9
7	50A-0718	BOLT	4	
8	14A-07	LOCKWASHER	4	
9	30A-07	NUT	4	
10	350A-12075	BOLT	8	
11	314A-12	LOCKWASHER	8	
12	45110	SUPPORT - FRONT	2	6CT8.3
13	50A-0722	BOLT	4	
14	14A-07	LOCKWASHER	4	
15	30A-07	NUT	4	
16	350A-12040	BOLT	8	
17	314A-12	LOCKWASHER	8	
18	11970	RUBBER MOUNT - REAR	2	L-10-C
19	48614	SUPPORT - FRONT	2	
20	53694	SUPPORT - REAR - L.H.	1	
21	53760	SUPPORT - REAR - R.H.	1	
22	50A-1024	BOLT	8	
23	14A-10	LOCKWASHER	8	
		HOODS & PANELS		
24	48653	GRAB HANDLE - SIDE PANEL	2	
25	14C-06Zi	BACK-UP WASHER	12	
26	52774	GRILLE DOOR	1	
27	*56009	GRILLE FRAME	1	
28	52792	GRAB HANDLE - HOOD	2	
29	52811	BUMPER	8	
30	52812	GROMMET	4	
31	52855	HINGE PIN	4	
32	52857	SPRING	4	
33	52860	**DOOR ASSEMBLY** - REAR	2	6BT/6CT
		- C/W ITEMS 31, 32, 36, 48, 49 & 50	1	L-10-C R.H.
	*57050	**DOOR ASSEMBLY** - REAR - L.H.	1	L-10-C
		- C/W ITEMS 31, 32, 36, 48, 49 & 50		
34	52861	**DOOR ASSEMBLY** - FRONT - R.H.	1	
		- C/W ITEMS 31, 32, 36, 48, 49 & 50		
35	52862	**DOOR ASSEMBLY** - FRONT - L.H.	1	6BT/6CT
		- C/W ITEMS 31, 32, 36, 48, 49 & 50		
	*57053	**DOOR ASSEMBLY** - FRONT - L.H.	1	L-10-C
		- C/W ITEMS 31, 32, 36, 48, 49 & 50		
36	52863	DOOR HANDLE - C/W KEY	4	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
37	*56033	CYLINDER ASSEMBLY	2	
38	52868	SWIVEL	4	
39	52869	CLIP	4	
40	52885	GROMMET	1	
41	*56004	RADIATOR FRAME	1	
42	52992	STABILIZER BAR	2	
43	54563	SIDE PANEL - L.H.	1	6BT/6CT
	*57052	SIDE PANEL - L.H.	1	L-10-C
44	54564	SIDE PANEL - R.H.	1	
45	54568	HOOD	1	6BT5.9
	54569	HOOD	1	6CT8.3
	54570	HOOD	1	L-10-C
46	54657	LOCKNUT	4	
47	54658	SCREW	6	
48	13A-0212	COTTER PIN	4	
49	14D-05	FLATWASHER	4	
50	75A-053	RIVET	16	
51	50A-0508	BOLT	18	
52	14A-05	LOCKWASHER	22	
53	14C-05	FLATWASHER	18	
54	30A-05	NUT	4	
55	50A-0508zi	BOLT	12	
56	14A-05zi	LOCKWASHER	12	
57	14C-05zi	FLATWASHER	12	
58	50A-0608	BOLT	16	
59	14A-06	LOCKWASHER	8	
60	14C-06	FLATWASHER	4	
61	30A-06	NUT	4	
62	50A-0812	BOLT	4	
63	14A-08	LOCKWASHER	4	
		HALF PANELS INSTALLATION - OPTIONAL		
64	40839 x 63	TRIM	1	
65	54706	SIDE PANEL - L.H.	1	
66	54707	SIDE PANEL - R.H.	1	
67	56126	GRILLE FRAME	1	A.W.D.
68	56129	GRILLE DOOR	1	
69	56172	PLUG	1	



CHAMPION ROAD MACHINERY

ENGINE MOUNTS, HOODS & PANELS

DECEMBER 1991

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 7 REVISION A

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
21283 TO 21646, 21649, 21687 & 21688

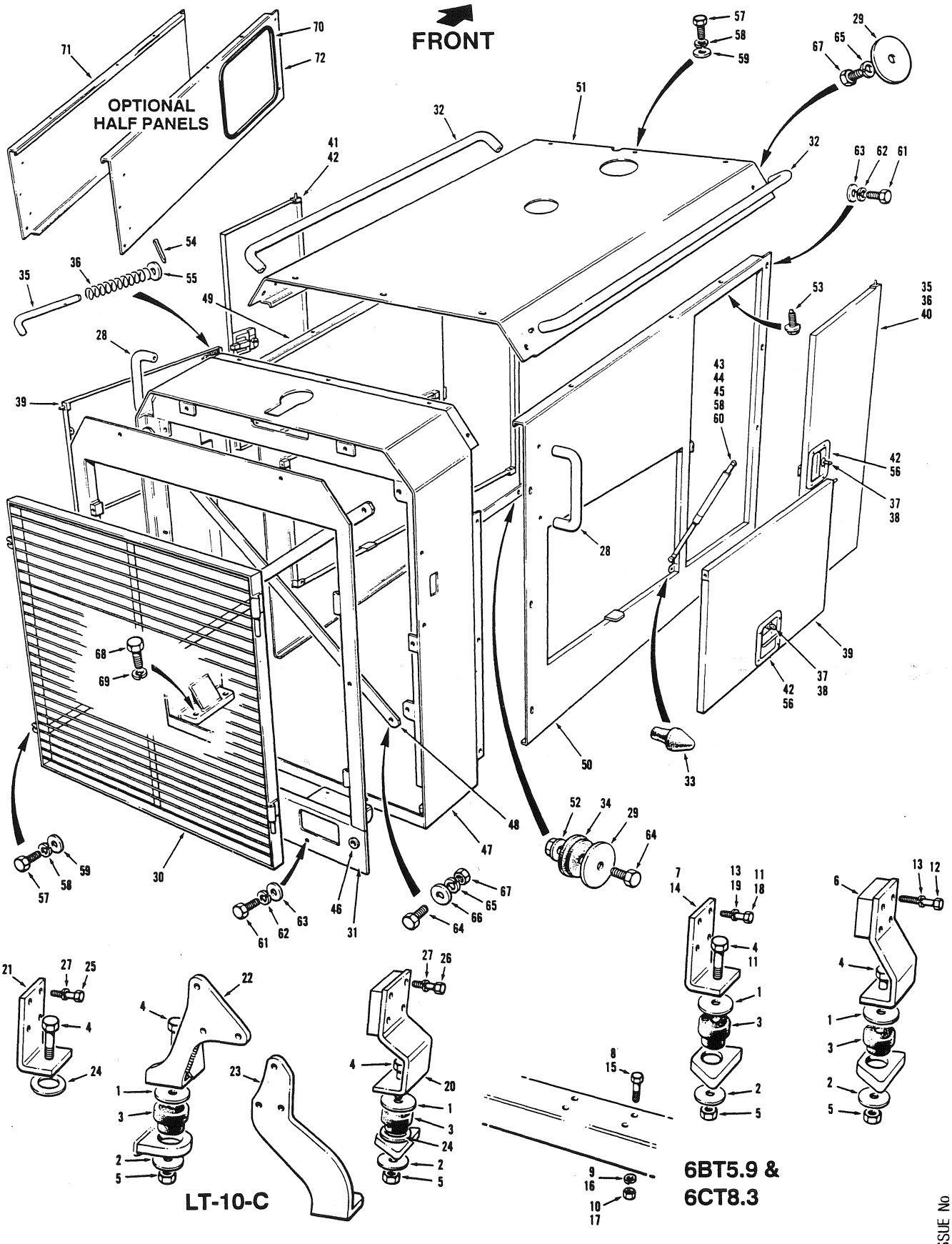
700 SERIES
SERIE 700

SECTION / SECCION 8 PAGE / PAGINA 1

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		ENGINE MOUNTS		
1	11968	WASHER	2 or 4	
2	30075	WASHER	2 or 4	
3	30081	RUBBER MOUNT	2 or 4	
4	50A-1232	BOLT	2 or 4	
5	36N-12	LOCKNUT	2 or 4	
		6BT5.9		
6	40252	SUPPORT - FRONT	2	Up to S/N 21407
			1	S/N 21408 & Up
7	59593	SUPPORT - FRONT	1	S/N 21408 & Up
8	50A-0718	BOLT	4	
9	14A-07	LOCKWASHER	4	
10	30A-07	NUT	4	
11	350A-12040	BOLT	4	
12	350A-12075	BOLT	4	
13	314A-12	LOCKWASHER	4	
		6CT8.3		
14	45110	SUPPORT - FRONT	2	
15	50A-0722	BOLT	4	
16	14A-07	LOCKWASHER	4	
17	30A-07	NUT	4	
18	350A-12040	BOLT	8	
19	314A-12	LOCKWASHER	8	
		L-10-C		
20	48614	SUPPORT - FRONT	2	Up to S/N 21420
			1	S/N 21421 & Up
21	59594	SUPPORT - FRONT	1	S/N 21421 & Up
22	53694	SUPPORT - REAR - L.H.	1	
23	53760	SUPPORT - REAR - R.H.	1	
24	59633	WASHER	4	
25	50A-1012	BOLT	4	
26	50A-1024	BOLT	4	
27	14A-10	LOCKWASHER	4	
		HOODS & PANELS		
28	48653	GRAB HANDLE - SIDE PANEL	2	
29	14C-06Zi	BACK-UP WASHER	12	
30	57583	GRILLE DOOR	1	
31	57297	GRILLE FRAME	1	
32	52792	GRAB HANDLE - HOOD	2	
33	52811	BUMPER	8	
34	52812	GROMMET	4	
35	52855	HINGE PIN	4	
36	52857	SPRING	4	
37	57462	TUMBLER C/W KEYS	1	
38	57463	CLIP	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
39	57125	**DOOR ASSEMBLY** - REAR	2	6BT/6CT
		- C/W ITEMS 35 TO 38, 42, 54, 55, 56	1	L-10-CR.H.
	57468	**DOOR ASSEMBLY** - REAR - L.H.	1	L-10-C
		- C/W ITEMS 35 TO 38, 42, 54, 55, 56		
40	57122	**DOOR ASSEMBLY** - FRONT - R.H.	1	
		- C/W ITEMS 35 TO 38, 42, 54, 55, 56		
41	57119	**DOOR ASSEMBLY** - FRONT - L.H.	1	6BT/6CT
		- C/W ITEMS 35 TO 38, 42, 54, 55, 56		
	57469	**DOOR ASSEMBLY** - FRONT - L.H.	1	L-10-C
		- C/W ITEMS 35 TO 38, 42, 54, 55, 56		
42	57116	DOOR HANDLE	1	
43	57728	**CYLINDER ASSEMBLY**	2	
44	52868	SWIVEL	4	
45	52869	CLIP	4	
46	52885	GROMMET	1	
47	56004	RADIATOR FRAME	1	
48	52992	STABILIZER BAR	2	
49	57124	SIDE PANEL - L.H.	1	6BT/6CT
	57470	SIDE PANEL - L.H.	1	L-10-C
50	57126	SIDE PANEL -R.H.	1	
51	54568	HOOD	1	6BT5.9
	54569	HOOD	1	6CT8.3
	54570	HOOD	1	L-10-C
52	54657	LOCKNUT	4	
53	54658	SCREW	6	
54	13A-0212	COTTER PIN	4	
55	14D-05	FLATWASHER	4	
56	76A-063	RIVET	16	
57	50A-0508Zi	BOLT	18	
58	14A-05Zi	LOCKWASHER	22	
59	14C-05Zi	FLATWASHER	18	
60	30A-05	NUT	4	
61	50A-0508Zi	BOLT	12	
62	14A-05Zi	LOCKWASHER	12	
63	14C-05Zi	FLATWASHER	12	
64	50A-0608	BOLT	16	
65	14A-06	LOCKWASHER	4	
66	14C-06	FLATWASHER	4	
67	30A-06	NUT	4	
68	50A-0812	BOLT	4	
69	14A-08	LOCKWASHER	4	
		HALF PANELS INSTALLATION - OPTIONAL		
70	40839 x 63	TRIM	1	
71	54706	SIDE PANEL - L.H.	1	
72	54707	SIDE PANEL - R.H.	1	



CHAMPION ROAD MACHINERY

ENGINE MOUNTS, HOODS & PANELS

DECEMBER 1991

POUR LA LISTE DES PIÈCES VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS VEA AL VERSO
END LIST OF PARTS - TURN THIS PAGE

ISSUE No
Nº D'ÉMISSION
Nº DE EDICION 8 REVISION A

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

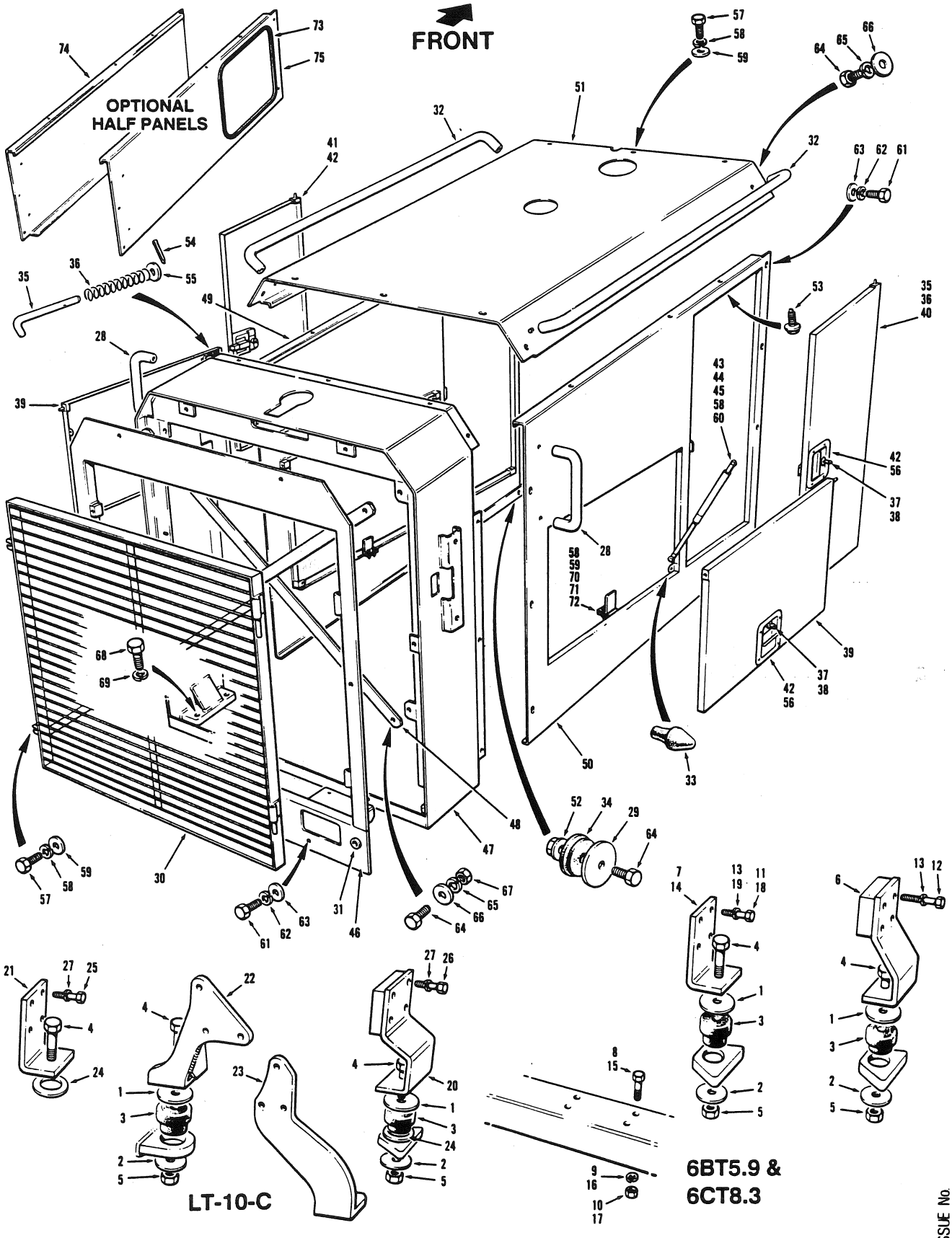
21647, 21789, 21797, 21801, 21805, 21809, 21813 &21818 EXCLUDING 21649, 21687 & 21688

700 SERIES
SERIE 700

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		ENGINE MOUNTS		
1	11968	WASHER	2 or 4	
2	30075	WASHER	2 or 4	
3	30081	RUBBER MOUNT	2 or 4	
4	50A-1232	BOLT	2 or 4	
5	36N-12	LOCKNUT	2 or 4	
		6BT5.9		
6	40252	SUPPORT - FRONT	1	
7	59593	SUPPORT - FRONT	1	
8	50A-0718	BOLT	4	
9	14A-07	LOCKWASHER	4	
10	30A-07	NUT	4	
11	350A-12040	BOLT	4	
12	350A-12075	BOLT	4	
13	314A-12	LOCKWASHER	4	
		6CT8.3		
14	45110	SUPPORT - FRONT	2	
15	50A-0722	BOLT	4	
16	14A-07	LOCKWASHER	4	
17	30A-07	NUT	4	
18	350A-12040	BOLT	8	
19	314A-12	LOCKWASHER	8	
		L-10-C		
20	48614	SUPPORT - FRONT	1	
21	59594	SUPPORT - FRONT	1	
22	53694	SUPPORT - REAR - L.H.	1	
23	53760	SUPPORT - REAR - R.H.	1	
24	59633	WASHER	4	
25	50A-1012	BOLT	4	
26	50A-1024	BOLT	4	
27	14A-10	LOCKWASHER	4	
		HOODS & PANELS		
28	48653	GRAB HANDLE - SIDE PANEL	2	
29	14C-06Zi	BACK-UP WASHER	12	
30	57583	GRILLE DOOR	1	
31	57297	GRILLE FRAME	1	
32	52792	GRAB HANDLE - HOOD	2	
33	52811	BUMPER	8	
34	52812	GROMMET	4	
35	52855	HINGE PIN	4	
36	52857	SPRING	4	
37	57462	TUMBLER C/W KEYS	1	
38	57463	CLIP	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
39	65071	**DOOR ASSEMBLY** - REAR - C/W ITEMS 35 TO 38, 42, 54, 55, 56	2	6BT/6CT
	65073	**DOOR ASSEMBLY** - REAR - L.H. - C/W ITEMS 35 TO 38, 42, 54, 55, 56	1	L-10-C R.H.
40	65072	**DOOR ASSEMBLY** - FRONT - R.H. - C/W ITEMS 35 TO 38, 42, 54, 55, 56	1	L-10-C
41	65070	**DOOR ASSEMBLY** - FRONT - L.H. - C/W ITEMS 35 TO 38, 42, 54, 55, 56	1	6BT/6CT
	65074	**DOOR ASSEMBLY** - FRONT - L.H. - C/W ITEMS 35 TO 38, 42, 54, 55, 56	1	L-10-C
42	65033	DOOR HANDLE	1	
43	57728	**CYLINDER ASSEMBLY**	2	
44	52868	SWIVEL	4	
45	52869	CLIP	4	
46	52885	GROMMET	1	
47	56004	RADIATOR FRAME	1	
48	52992	STABILIZER BAR	2	
49	57124	SIDE PANEL - L.H.	1	6BT/6CT
	57470	SIDE PANEL - L.H.	1	L-10-C
50	57126	SIDE PANEL -R.H.	1	
51	54568	HOOD	1	6BT5.9
	54569	HOOD	1	6CT8.3
	54570	HOOD	1	L-10-C
52	54657	LOCKNUT	4	
53	54658	SCREW	6	
54	13A-0212	COTTER PIN	4	
55	14D-05	FLATWASHER	4	
56	65034	RIVET	16	
57	50A-0508Zi	BOLT	18	
58	14A-05Zi	LOCKWASHER	22	
59	14C-05Zi	FLATWASHER	18	
60	30A-05	NUT	4	
61	50A-0508Zi	BOLT	12	
62	14A-05Zi	LOCKWASHER	12	
63	14C-05Zi	FLATWASHER	12	
64	50A-0608	BOLT	16	
65	14A-06	LOCKWASHER	4	
66	14C-06	FLATWASHER	4	
67	30A-06	NUT	4	
68	50A-0812	BOLT	4	
69	14A-08	LOCKWASHER	4	
		HALF PANELS INSTALLATION - OPTIONAL		
70	40839 x 63	TRIM	1	
71	65080	SIDE PANEL - L.H.	1	
72	65081	SIDE PANEL - R.H.	1	



CHAMPION ROAD MACHINERY

JANUARY 1992

ENGINE MOUNTS, HOODS & PANELS

9 REVISION A

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21754 to 21910
EXCEPT 21789, 21797, 21801,
21805, 21809, 21813 & 21818

700 SERIES
SERIE 700

SECTION 8 PAGE 1
SECCION PAGINA

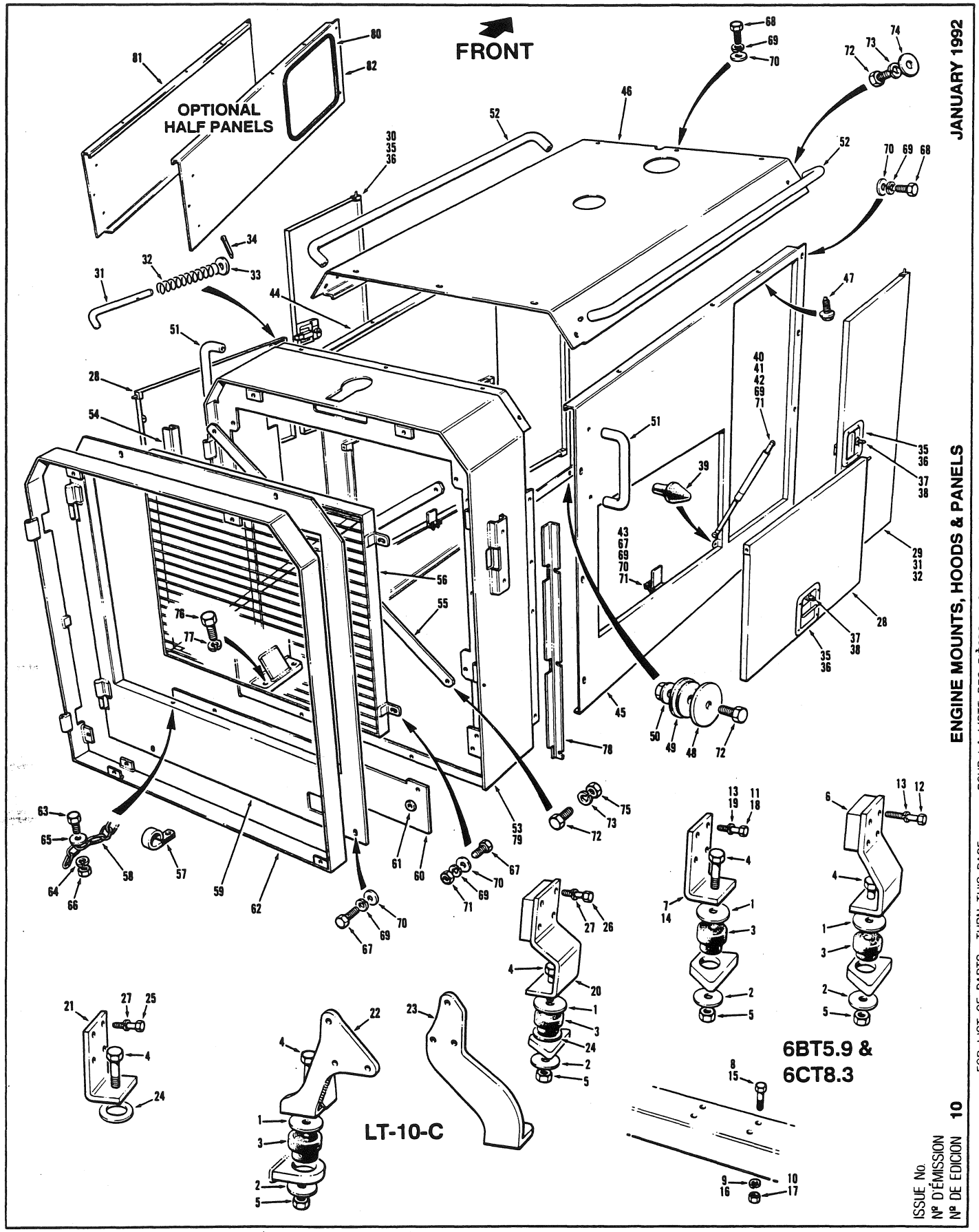
SECTION / SECCION **8** PAGE / PAGINA **2** ISSUE No. / N° D'ÉMISSION / N° DE EDICION **9 REVISION A**

ENGINE MOUNTS, HOODS & PANELS

JANUARY 1992

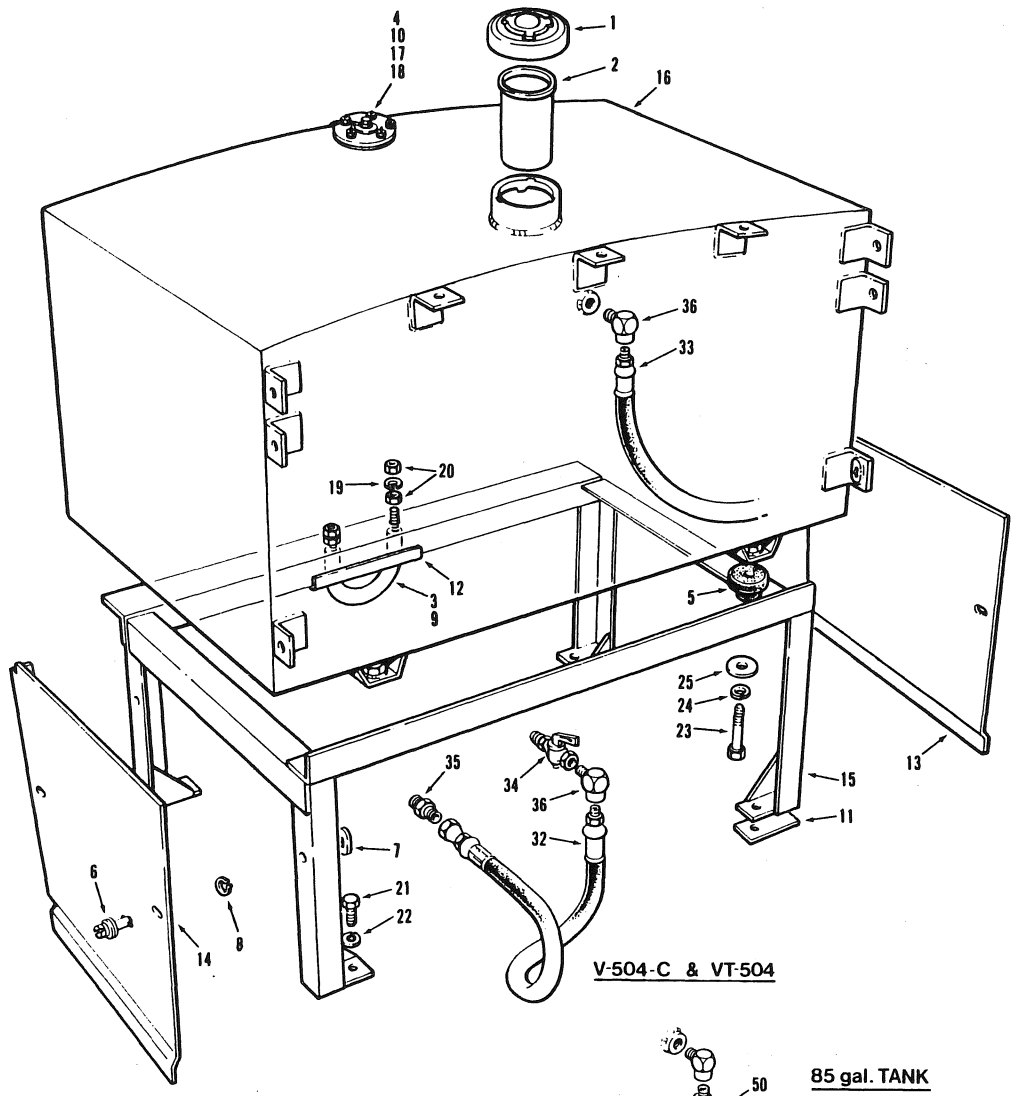
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		ENGINE MOUNTS		
1	11968	WASHER	2 or 4	
2	30075	WASHER	2 or 4	
3	30081	RUBBER MOUNT	2 or 4	
4	50A-1232	BOLT	2 or 4	
5	36N-12	LOCKNUT	2 or 4	
		6BT5.9		
6	40252	SUPPORT - FRONT - R.H.	1	
7	59593	SUPPORT - FRONT - L.H.	1	
8	50A-0718	BOLT	4	
9	14A-07	LOCKWASHER	4	
10	30A-07	NUT	4	
11	350A-12040	BOLT	4	
12	350A-12075	BOLT	4	
13	314A-12	LOCKWASHER	4	
		6CT8.3		
14	45110	SUPPORT - FRONT	2	
15	50A-0714	BOLT	4	
16	14A-07	LOCKWASHER	4	
17	30A-07	NUT	4	
18	350A-12040	BOLT	8	
19	314A-12	LOCKWASHER	8	
		L-10-C		
20	48614	SUPPORT - FRONT	1	
21	59594	SUPPORT - FRONT	1	
22	53694	SUPPORT - REAR - L.H.	1	
23	53760	SUPPORT - REAR - R.H.	1	
24	59633	WASHER	4	
25	50A-1012	BOLT	4	
26	50A-1024	BOLT	4	
27	14A-10	LOCKWASHER	4	
		HOODS & PANELS		
28	48653	GRAB HANDLE - SIDE PANEL	2	
29	*48656	BACK-UP WASHER	12	
30	57583	GRILLE DOOR	1	
31	52885	GROMMET	1	
32	52792	GRAB HANDLE - HOOD	2	
33	52811	BUMPER	8	
34	52812	GROMMET	4	
35	52855	HINGE PIN	4	
36	52857	SPRING	4	
37	57462	TUMBLER - C/W KEYS	1	
38	57463	CLIP	1	

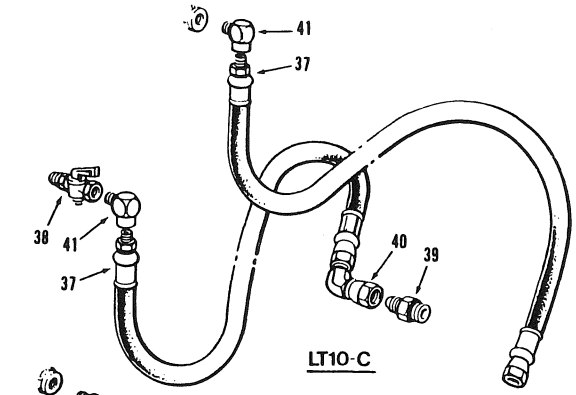
No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
39	65071	**DOOR ASSEMBLY - REAR**	2	6BT/6CT
		- C/W ITEMS 35 TO 38, 42, 54, 55, 56	1	L-10-C R.H.
	65073	**DOOR ASSEMBLY - REAR - L.H.**	1	L-10-C
		- C/W ITEMS 35 TO 38, 42, 54, 55, 56		
40	65072	**DOOR ASSEMBLY - FRONT - R.H.**	1	
		- C/W ITEMS 35 TO 38, 42, 54, 55, 56		
41	65070	**DOOR ASSEMBLY - FRONT - L.H.**	1	6BT/6CT
		- C/W ITEMS 35 TO 38, 42, 54, 55, 56		
	65074	**DOOR ASSEMBLY - FRONT - L.H.**	1	L-10-C
		- C/W ITEMS 35 TO 38, 42, 54, 55, 56		
42	65033	DOOR HANDLE	1	
43	57728	**CYLINDER ASSEMBLY**	2	
44	52868	SWIVEL	4	
45	52869	CLIP	4	
46	57297	GRILLE FRAME	1	
47	*57910	RADIATOR FRAME	1	
48	52992	STABILIZER BAR	2	
49	57124	SIDE PANEL - L.H.	1	6BT/6CT
	57470	SIDE PANEL - L.H.	1	L-10-C
50	57126	SIDE PANEL -R.H.	1	
51	54568	HOOD	1	6BT5.9
	54569	HOOD	1	6CT8.3
	54570	HOOD	1	L-10-C
52	54657	LOCKNUT	4	
53	54658	SCREW	6	
54	13A-0212	COTTER PIN	4	
55	14D-05	FLATWASHER	4	
56	65034	RIVET	4	
57	50A-0508Zi	BOLT	4	
58	14A-05Zi	LOCKWASHER	30	
59	14C-05Zi	FLATWASHER	26	
60	30A-05	NUT	4	
61	50A-0508Zi	BOLT	12	
62	14A-05Zi	LOCKWASHER	12	
63	14C-05Zi	FLATWASHER	12	
64	50A-0608	BOLT	16	
65	14A-06	LOCKWASHER	8	
66	14C-06	FLATWASHER	8	
67	30A-06	NUT	4	
68	50A-0812	BOLT	4	
69	14A-08	LOCKWASHER	4	
70	*57115	STRIKER PLATE	4	
71	*50A-0506Zi	BOLT	8	
72	*30A-05Zi	NUT	8	
		HALF PANELS INSTALLATION - OPTIONAL		
73	40839 x 63	TRIM	1	
74	65080	SIDE PANEL - L.H.	1	
75	65081	SIDE PANEL - R.H.	1	

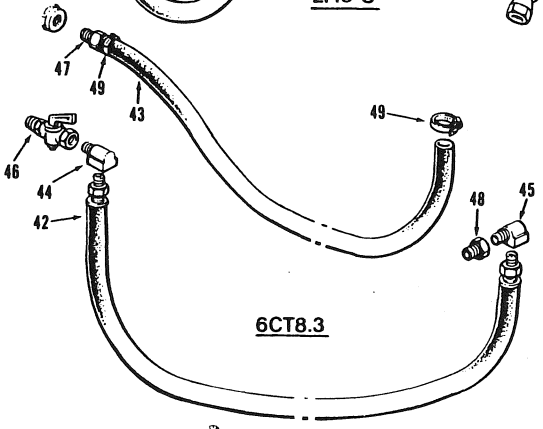


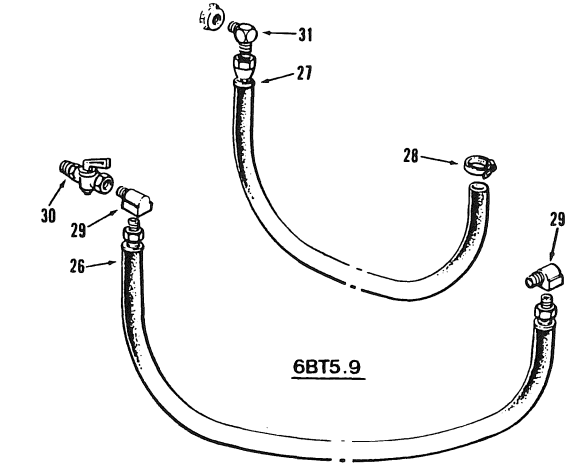
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NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

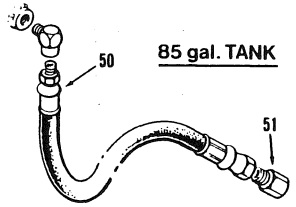
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		ENGINE MOUNTS		
1	11968	WASHER	2 or 4	
2	30075	WASHER	2 or 4	
3	30081	RUBBER MOUNT	2 or 4	
4	50A-1232	BOLT	2 or 4	
5	36N-12	LOCKNUT	2 or 4	
		6BT5.9		
6	40252	SUPPORT - FRONT - R.H.	1	
7	59593	SUPPORT - FRONT - L.H.	1	
8	50A-0718	BOLT	4	
9	14A-07	LOCKWASHER	4	
10	30A-07	NUT	4	
11	350A-12040	BOLT	4	
12	350A-12075	BOLT	4	
13	314A-12	LOCKWASHER	4	
		6CT8.3		
14	45110	SUPPORT - FRONT	2	
15	50A-0714	BOLT	4	
16	14A-07	LOCKWASHER	4	
17	30A-07	NUT	4	
18	350A-12040	BOLT	8	
19	314A-12	LOCKWASHER	8	
		L-10-C		
20	48614	SUPPORT - FRONT	1	
21	59594	SUPPORT - FRONT	1	
22	53694	SUPPORT - REAR - L.H.	1	
23	53760	SUPPORT - REAR - R.H.	1	
24	59633	WASHER	4	
25	50A-1012	BOLT	4	
26	50A-1024	BOLT	4	
27	14A-10	LOCKWASHER	4	
28	65073	DOOR ASSEMBLY - REAR - C/W ITEMS 31 TO 38	2	
29	65072	DOOR ASSEMBLY - FRONT - R.H. - C/W ITEMS 31 TO 38	1	
30	65074	DOOR ASSEMBLY - FRONT - L.H. - C/W ITEMS 31 TO 38	1	
31	52855	HINGE PIN	4	
32	52857	SPRING	4	
33	14D-05	FLATWSHER	4	
34	13A-0212	COTTER PIN	4	
35	65033	DOOR HANDLE	1	
36	65034	RIVET	4	
37	57462	TUMBLER - C/W KEYS	1	
38	57463	CLIP	1	
39	52811	BUMPER	8	
40	57728	CYLINDER ASSEMBLY	2	
41	52868	SWIVEL	4	
42	52869	CLIP	4	
43	57115	STRIKER PLATE	4	
44	57470	SIDE PANEL - L.H.	1	
45	57126	SIDE PANEL - R.H.	1	
46	54568	HOOD	1	6BT5.9
	54569	HOOD	1	6CT8.3
	54570	HOOD	1	L-10-C
47	54658	SCREW	6	
48	48656	BACK-UP WASHER	4	
49	52812	GROMMET	4	
50	54657	LOCKNUT	4	
51	48653	GRAB HANDLE - SIDE PANEL	2	
52	52792	GRAB HANDLE - HOOD	2	
	65132	RADIATOR FRAME	1	up to S/N 22094
53	*65662	RADIATOR FRAME	1	S/N 22095 & up
54	*65695	SEAL BAR - L.H.	1	air conditioner c/w sucker fan & A.W.D. c/w blower fan
55	*57719	STABILIZER BAR	2	
56	*65658	GRILLE DOOR	1	
57	*32316	CLAMP	4	
58	*65675 x 20.75	CHAIN	1	
59	65680	GRILLE FRAME	1	
60	*65766	COVER PLATE	1	
61	52885	GROMMET	1	
62	*65676	GRILLE EXTENSION FRAME	1	air conditioner c/w sucker fan & A.W.D. c/w blower fan
63	*50A-0406Zi	BOLT	4	
64	*14A-04Zi	LOCKWASHER	4	
65	*14C-04Zi	FLATWASHER	4	
66	*30A-04Zi	NUT	4	
67	*50A-0506Zi	BOLT	16	
68	50A-0508Zi	BOLT	12	
69	14A-05Zi	LOCKWASHER	34	
70	14C-05Zi	FLATWASHER	30	
71	*30A-05Zi	NUT	16	
72	*50A-0608Zi	BOLT	12	
73	*14A-06Zi	LOCKWASHER	12	
74	*14C-06Zi	FLATWASHER	8	
75	*30A-06Zi	NUT	4	
76	50A-0812	BOLT	4	
77	14A-08	LOCKWASHER	4	
78	*65700	SEAL BAR - R.H.	1	A.W.D. c/w blower fan
79	*65701	RADIATOR FRAME	1	A.W.D.
		HALF PANELS INSTALLATION - OPTIONAL		
80	40839 x 63	TRIM	1	
81	65080	SIDE PANEL - L.H.	1	
82	65081	SIDE PANEL - R.H.	1	











EFFECTIVE SERIAL NUMBER(S) 16224, 16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 8
SECCION
PAGE 3
PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

FUEL CIRCUIT & FUEL TANK

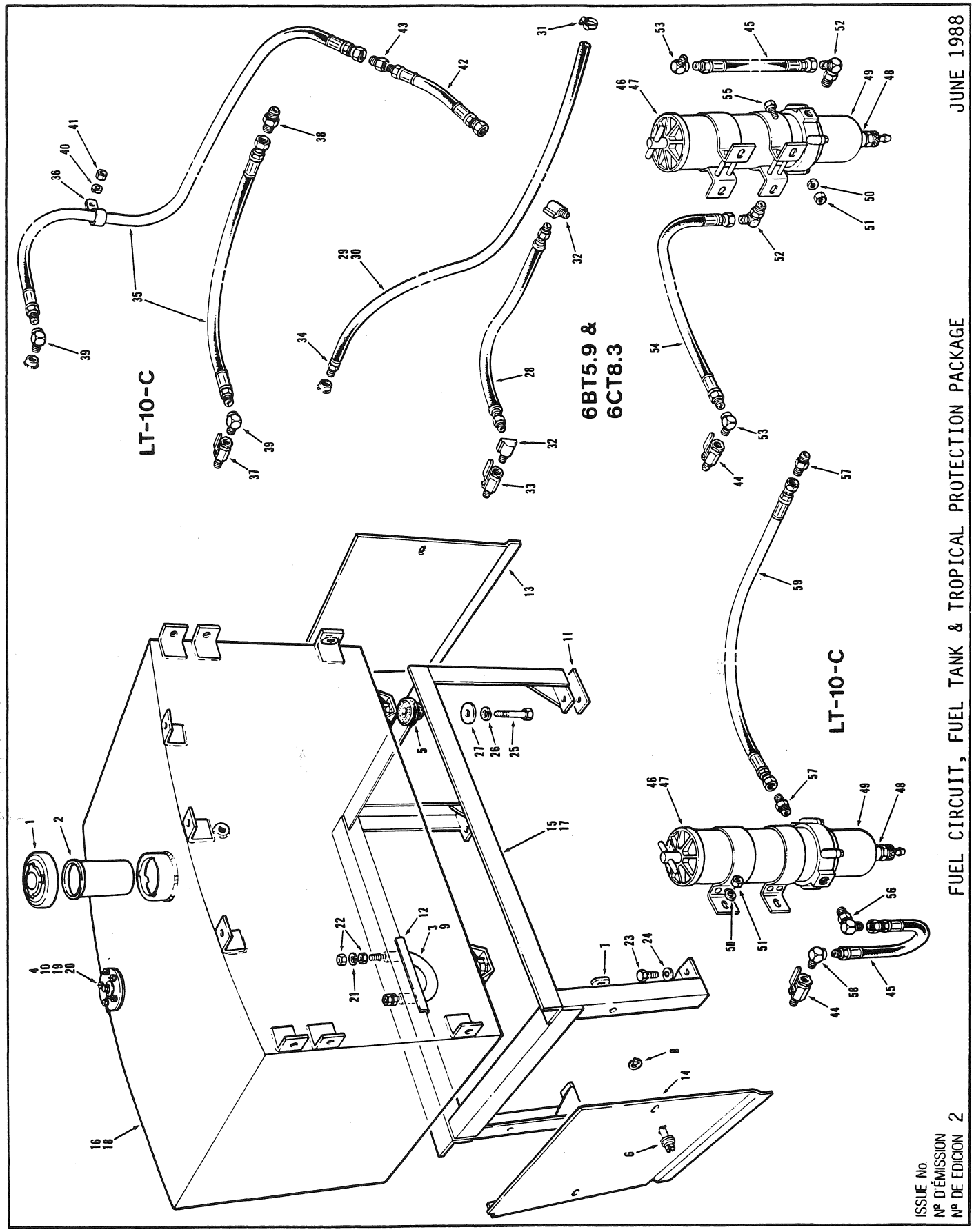
SEPTEMBER 1985

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		FUEL TANK & INSTALLATION		
1	8380	FILLER CAP	1	
2	8382	SCREEN	1	
3	9480 X 12	HOSE	1	
4	11785	GASKET	1	
5	12375	MOUNT	4	
6	17042	FASTENER	4	
7	17044	CLIP	A.R.	REPAIR PART
8	18799	GRIP RING	4	
9	19265	U-BOLT	1	
10	24589	SENDING UNIT	1	
11	35556	SHIM	A.R.	
12	40839 X 8	TRIMLOK	1	
13	28976	PANEL - R.H.	1	MODEL 730 THRU 760
	30686	PANEL - R.H.	1	730, 730A A.W.D.
	40948	PANEL - R.H.	1	MODEL 710 THRU 720A
	41229	PANEL - R.H.	1	710 THRU 720A A.W.D.
14	28977	PANEL - L.H.	1	MODEL 730 THRU 760
	30687	PANEL - L.H.	1	730, 730A A.W.D.
	40949	PANEL - L.H.	1	MODEL 710 THRU 720A
	41230	PANEL - L.H.	1	710 THRU 720A A.W.D.
15	30512	STAND - A.W.D.	1	
	40281	STAND - STANDARD	1	
16	40089	FUEL TANK - 75 U.S. GAL.(284 LITRES)	1	
	40411	FUEL TANK - 100 U.S. GAL. (378.5 LITRES)	1	NOT FITTED ON A.W.D.
17	14F-10	LOCKWASHER	5	
18	32A-10	NUT	5	
19	14A-04	LOCKWASHER	2	
20	30A-04	NUT	4	
21	51A-0809	BOLT	4	
22	14A-08	LOCKWASHER	4	
23	50A-1018	BOLT	4	
24	14A-10	LOCKWASHER	4	
25	14C-10	FLATWASHER	4	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		FUEL CIRCUIT - 6BT5.9		
26	9318 X 30	HOSE	1	
27	33212 X 40	HOSE	1	
28	22B-06	CLAMP	1	
29	100J-0604	ELBOW	2	
30	104E-04	VALVE	1	
31	110R-0404	CONNECTOR	1	
		FUEL CIRCUIT - V 504-C & VT-504-C		
32	14373 X 15	HOSE	1	UP TO SERIAL NO. 16785
33	14373 X 28	HOSE	1	
34	104E-04	VALVE	1	
35	111E-0810	CONNECTOR	1	
36	115J-0406	ELBOW	2	
		FUEL CIRCUIT - LT-10-C		
37	14373 X 38	HOSE	2	
38	104E-04	VALVE	1	
39	111E-0810	CONNECTOR	1	
40	112A-08	ELBOW	1	
41	115J-0604	ELBOW	2	
		FUEL CIRCUIT - 6CT8.3		
42	9319 X 30	HOSE	1	SERIAL NO. 16806 & UP
43	9480 X 70	HOSE	1	
44	100J-0604	ELBOW	1	
45	100J-0606	ELBOW	1	
46	104E-04	VALVE	1	
47	106A-0604	CONNECTOR	1	
48	119A-0414	REDUCER	1	
49	22B-06	CLAMP	2	
		FUEL CIRCUIT - 85 GALLON FUEL TANK		
50	14373 X 38	HOSE	1	
51	110J-0806	CONNECTOR	1	



CHAMPION ROAD MACHINERY

FUEL CIRCUIT, FUEL TANK & TROPICAL PROTECTION PACKAGE

JUNE 1988

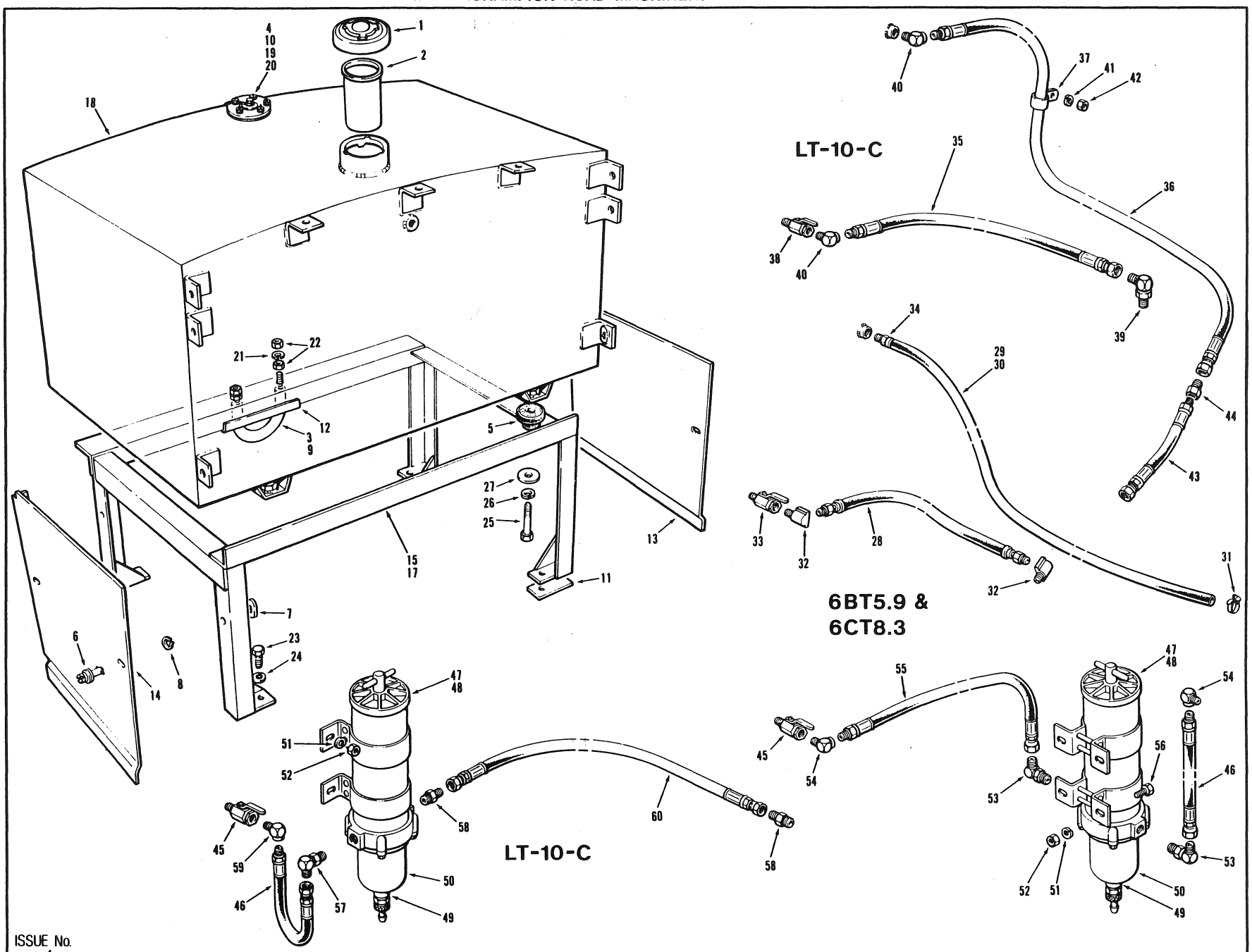
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2

END LIST OF PARTS - TURN THIS PAGE
PARA LA LISTA DE LAS PIEZAS - VEA AL VERSO

EFFECTIVE SERIAL NUMBER(S) 17059 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

U.S. 2515-2 & UP

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		FUEL TANK & INSTALLATION		
1	8380	FILLER CAP	1	
2	8382	SCREEN	1	
3	9480 X 12	HOSE	1	
4	11785	GASKET	1	
5	12375	MOUNT	4	
6	17042	FASTENER	4	
7	17044	CLIP	2	REPAIR PART
8	18799	GRIP RING	4	
9	19265	U-BOLT	1	
10	24589	SENDING UNIT	1	
11	35556	SHIM	A.R.	
12	40839 X 8	TRIMLOK	1	
13	28976	PANEL - R.H. - STANDARD	1	MODEL 730 THRU 780A
	30686	PANEL - R.H. - A.W.D.	1	730, 730A
	40948	PANEL - R.H. - STANDARD	1	MODEL 710 THRU 720A
	41229	PANEL - R.H. - A.W.D.	1	
14	28977	PANEL - L.H. - STANDARD	1	MODEL 730 THRU 780A
	30687	PANEL - L.H. - A.W.D.	1	730, 730A
	40949	PANEL - L.H. - STANDARD	1	MODEL 710 THRU 720A
	41230	PANEL - L.H. - A.W.D.	1	
15	40281	STAND - STANDARD	1	
16	30512	STAND - A.W.D.	1	UP TO S/N 18915,18919 TO 18922 & 18931 TO 18969
	40089	FUEL TANK - 75 U.S. GAL.(284 LITRES)	1	
	40411	FUEL TANK - 100 U.S. GAL. (378.5 LITRES)	1	
17	*48569	STAND - A.W.D.	1	S/N 18916 TO 18918, 18923 TO 18930,18970 & UP
18	*48684	FUEL TANK - 75 U.S. GAL.(284 LITRES)	1	
	*48685	FUEL TANK - 100 U.S. GAL.(378.5 LITRES)	1	
19	14F-10	LOCKWASHER	5	
20	32A-10	NUT	5	
21	14A-04	LOCKWASHER	2	
22	30A-04	NUT	4	
23	*50A-0810	BOLT	4	
24	14A-08	LOCKWASHER	4	
25	50A-1018	BOLT	4	
26	14A-10	LOCKWASHER	4	
27	14C-10	FLATWASHER	4	
		FUEL CIRCUIT - 6BT5.9 AND 6CT8.3		
28	9318 X 30	HOSE	1	
29	*16741 X 47	HOSE	1	6BT5.9
30	*16741 X 70	HOSE	1	6CT8.3
31	22D-06	CLAMP	1	
32	100J-0604	ELBOW	2	
33	104E-04	VALVE	1	
34	106A-0404	CONNECTOR	1	
		FUEL CIRCUIT - LT-10-C		
35	14373 X 38	HOSE	2	
36	*32320	CLIP	1	
37	104E-04	VALVE	1	
38	111E-0810	CONNECTOR	1	
39	*115J-0406	ELBOW	2	
40	*14A-04	LOCKWASHER	1	
41	*30A-04	NUT	1	
42	14373 X 10	HOSE - 100 U.S. GALLON TANK	1	
43	110J-0806	CONNECTOR - 100 U.S. GALLON TANK	1	
		TROPICAL PROTECTION PACKAGE - OPTIONAL		
44	*104E-04	VALVE	1	
45	*14373 X 15	HOSE	1	
46	*32546	WATER SEPARATOR ASSY. INCLUDES ITEMS 47, 48 & 49	1	
47	*36107	ELEMENT	1	
48	*49797	O RING - BOWL DRAIN	1	
49	*49798	CLEAR BOWL	1	
50	*14A-06	LOCKWASHER	4	
51	*30A-06	NUT	4	
52	*111B-0810	ELBOW	2	6BT5.9 6CT8.3
53	*115J-0406	ELBOW	2	
54	*14373 X 38	HOSE	1	
55	*50A-0606	BOLT	4	
56	*111B-0810	ELBOW	1	LT-10-C
57	*111E-0810	CONNECTOR	2	
58	*115J-0406	ELBOW	1	
59	*9313 X 25	HOSE	1	



EFFECTIVE SERIAL NUMBER(S) 19565 TO 19568, 19580 TO 19610,
NUMERO(S) DE SÉRIE EFFECTIF(S) 19612 TO 19614, 19616, 19618
NUMERO(S) DE SERIE EFECTIVO(S) & UP

700 SERIES
SERIE 700

SECTION 8 PAGE 3
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3 REVISION A

FUEL CIRCUIT, FUEL TANK & TROPICAL PROTECTION PACKAGE

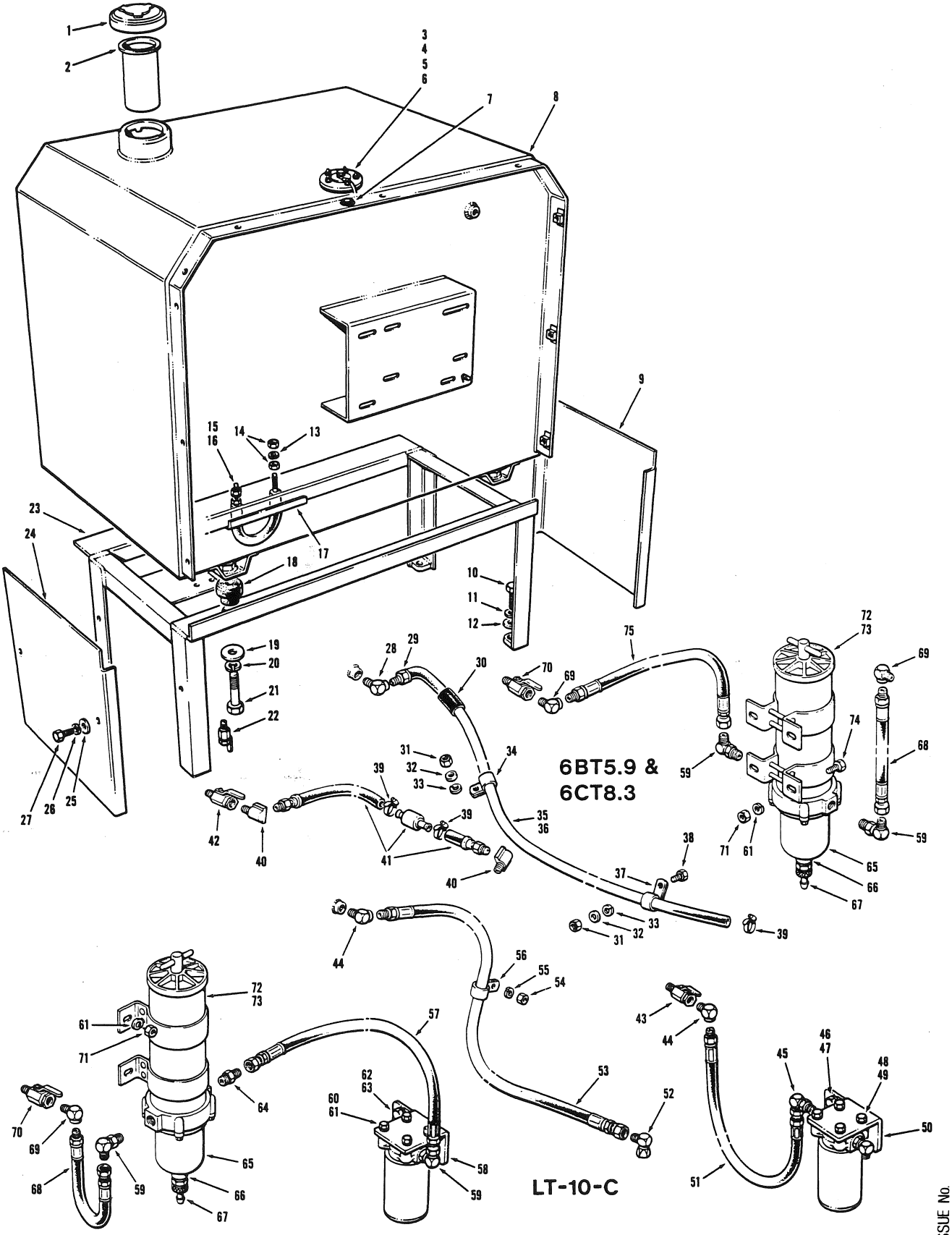
MAY 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		FUEL TANK & INSTALLATION		
1	8380	FILLER CAP	1	
2	8382	SCREEN	1	
3	9480 X 12	HOSE	1	
4	11785	GASKET	1	
5	12375	MOUNT	4	
6	17042	FASTENER	4	
7	17044	CLIP	2	REPAIR PART
8	18799	GRIP RING	4	
9	19265	U-BOLT	1	
10	24589	SENDING UNIT	1	
11	35556	SHIM	A.R.	
12	40839 X 8	TRIMLOK	1	
13	30686	PANEL - R.H. - A.W.D.	1	710 THRU 730A
	40948	PANEL - R.H. - STANDARD	1	
14	30687	PANEL - L.H. - A.W.D.	1	710 THRU 730A
	40949	PANEL - L.H. - STANDARD	1	
15	40281	STAND - STANDARD	1	
17	48569	STAND - A.W.D.	1	
18	51197	FUEL TANK - 75 U.S. GAL.(284 LITRES)	1	
	51201	FUEL TANK - 100 U.S. GAL.(378.5 LITRES)	1	
19	14F-10	LOCKWASHER	5	
20	32A-10	NUT	5	
21	14A-04	LOCKWASHER	2	
22	30A-04	NUT	4	
23	50A-0810	BOLT	4	
24	14A-08	LOCKWASHER	4	
25	50A-1018	BOLT	4	
26	14A-10	LOCKWASHER	4	
27	14C-10	FLATWASHER	4	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		FUEL CIRCUIT - 6BT5.9 AND 6CT8.3		
28	9318 X 30	HOSE	1	
29	16741 X 47	HOSE	1	6BT5.9
30	16741 X 70	HOSE	1	6CT8.3
31	22D-06	CLAMP	1	
32	100J-0604	ELBOW	2	
33	104E-04	VALVE	1	
34	106A-0404	CONNECTOR	1	
		FUEL CIRCUIT - LT-10-C		
35	*14373 X 28	HOSE	1	
36	*14373 X 58	HOSE	1	
37	32320	CLIP	1	
38	104E-04	VALVE	1	
39	*111B-0810	CONNECTOR	1	
40	115J-0406	ELBOW	2	
41	14A-04	LOCKWASHER	1	
42	30A-04	NUT	1	
43	14373 X 10	HOSE - 100 U.S. GALLON TANK	1	
44	110J-0806	CONNECTOR - 100 U.S. GALLON TANK	1	
		TROPICAL PROTECTION PACKAGE - OPTIONAL		
45	104E-04	VALVE	1	
46	14373 X 15	HOSE	1	
47	32546	WATER SEPARATOR ASSY. INCLUDES ITEMS 48, 49 & 50	1	
48	36107	ELEMENT	1	
49	49797	O RING - BOWL DRAIN	1	
50	49798	CLEAR BOWL	1	
51	14A-06	LOCKWASHER	4	
52	30A-06	NUT	4	
53	111B-0810	ELBOW	2	
54	115J-0406	ELBOW	2	6BT5.9
55	14373 X 38	HOSE	1	6CT8.3
56	50A-0606	BOLT	4	
57	111B-0810	ELBOW	1	
58	111E-0810	CONNECTOR	2	
59	115J-0406	ELBOW	1	LT-10-C
60	*9313 X 48	HOSE	1	

CHAMPION ROAD MACHINERY



FUEL CIRCUIT, FUEL TANK & TROPICAL PROTECTION PACKAGE

SEPTEMBER 1990

4 REVISION B

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

19982, 19984, 19985, 19996, 20005, 20227 to 20232, 20265 & UP

700 SERIES
SERIE 700

SECTION / SECCION 8 | PAGE / PAGINA 4 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 4 REVISION B

FUEL CIRCUIT, FUEL TANK & TROPICAL PROTECTION PACKAGE

SEPTEMBER 1990

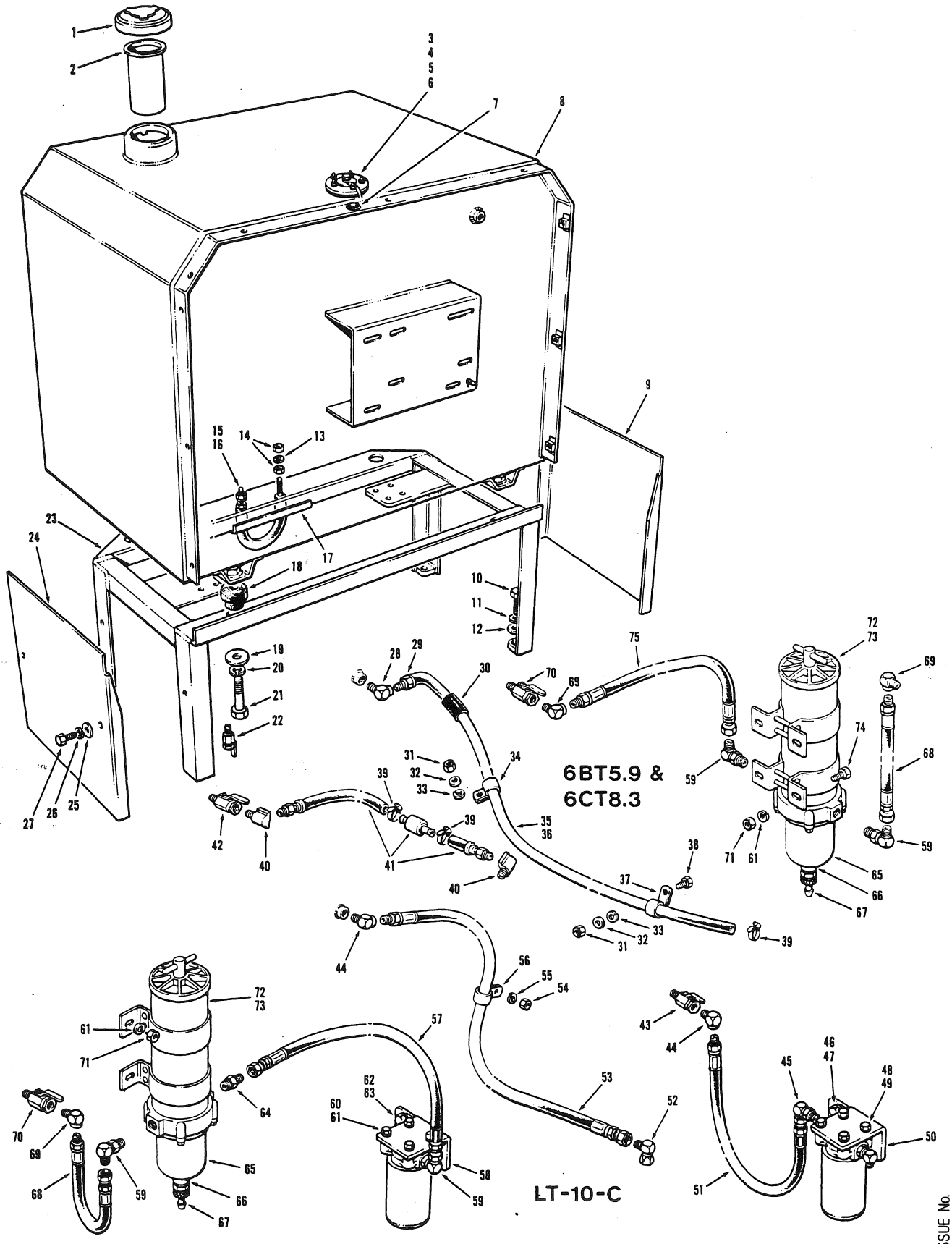
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		FUEL TANK & INSTALLATION		
1	8380	FILLER CAP	1	
2	8382	SCREEN	1	
3	11785	GASKET	1	
4	52881	SENDING UNIT	1	
5	14F-10	LOCK VALVE	5	
6	32A-10	NUT	5	
7	32437	GROMMET	1	
8	53001	FUEL TANK	1	
9	52996	PANEL R.H.	1	
10	50A-0810	BOLT	4	
11	14A-08	LOCKWASHER	4	
12	14C-08	FLATWASHER	4	
13	14A-04	NUT	2	
14	30A-04	NUT	4	
15	9480 x 12	HOSE PROTECTOR	1	
16	52957	U BOLT	1	
17	40839 x 8	TRIM	1	
18	12375	MOUNT	4	
19	14C-10	FLATWASHER	4	
20	14A-10	LOCKWASHER	4	
21	50A-1018	BOLT	4	
22	104E-04	VALVE	1	
23	52978	STAND	1	
24	52997	PANEL L.H.	1	
25	14C-05ZI	FLATWASHER	4	
26	14A-05ZI	LOCKWASHER	4	
27	50A-0506ZI	BOLT	4	
		FUEL CIRCUIT - MODELS 710 THRU 730A		6BT5.9 & 6CT8.3
28	115J-0404	ELBOW	1	
29	106A-0404	CONNECTOR	1	
30	55294	HOSE PROTECTOR	3	6CT8.3
31	30A-04	NUT	2	
32	14C-04	FLATWASHER	3	
33	14A-04	LOCKWASHER	2	
34	32317	CLAMP	1	
35	16741 x 47	HOSE	1	6BT5.9
36	16741 x 70	HOSE	1	6CT8.3
37	32318	CLAMP	1	
38	50A-0406	BOLT	1	
39	22D-06	CLAMP	1	
40	100J-0604	ELBOW	3	
	*9480 x 2	HOSE	1	
41	*9480 x 25.2	HOSE	1	
	*59115	FILTER	1	
42	100E-04	VALVE	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		FUEL CIRCUIT - MODELS 740 THRU 780A		L-10-C
43	104E-04	VALVE	1	
44	115J-0406	ELBOW	2	
45	111B-0810	CONNECTOR	1	
46	350A-10030	BOLT	4	
47	14A-07	LOCKWASHER	4	
48	50A-0608	BOLT	4	
49	14A-06	LOCKWASHER	4	
50	51564	BRACKET	1	
51	14373 x 28	HOSE	1	
52	112B-08	ELBOW	1	
53	14373 x 38	HOSE	1	
54	30A-04	NUT	1	
55	14A-04	LOCKWASHER	1	
56	*32319	CLAMP	1	
		TROPICAL PROTECTION PACKAGE - OPTIONAL		
57	9313 x 14	HOSE	1	L-10-C
58	51564	BRACKET	1	L-10-C
59	111B-0810	CONNECTOR	2	
60	50A-0608	BOLT	4	L-10-C
61	14A-06	LOCKWASHER	4 or 8	
62	350A-10030	BOLT	4	
63	14A-07	LOCKWASHER	4	L-10-C
64	111E-0810	CONNECTOR	1	
65	49798	CLEAR BOWL	1	
66	49797	O RING - BOWL DRAIN	1	
67	54630	DRAIN VALVE	1	
68	14373 x 15	HOSE	1	
69	115J-0406	ELBOW	1 or 2	
70	104W-04	VALVE	1	
71	30A-06	NUT	4	
72	32546	WATER SEPARATOR ASSEMBLY INCLUDES ITEMS 65, 66, 67 & 73	1	
73	36107	ELEMENT	1	
74	50A-0606	BOLT	4	6CT8.3
75	14373 x 38	HOSE	1	6BT5.9

See QUICK REFERENCE CHART for FUEL FILTERS

FUEL CIRCUIT, FUEL TANK & TROPICAL PROTECTION PACKAGE

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21647 & UP
EXCLUDING 21649,
21687 & 21688

SECTION / SECCION 8 | PAGE / PAGINA 4 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 5

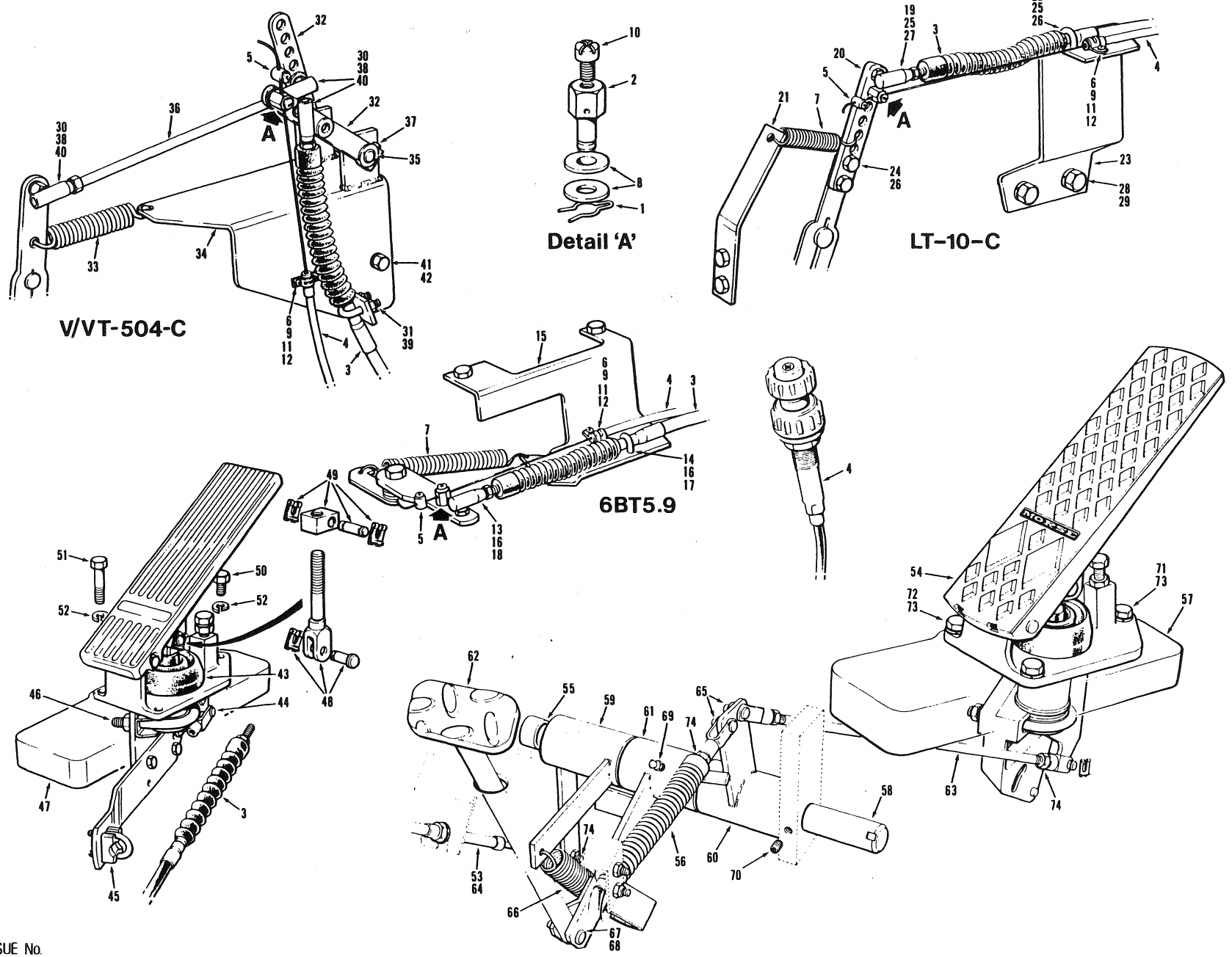
FUEL CIRCUIT, FUEL TANK & TROPICAL PROTECTION PACKAGE

JUNE 1991

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		FUEL TANK & INSTALLATION		
1	8380	FILLER CAP	1	
2	8382	SCREEN	1	
3	11785	GASKET	1	
4	52881	SENDING UNIT	1	
5	14F-10	LOCK VALVE	5	
6	32A-10	NUT	5	
7	32437	GROMMET	1	
8	53001	FUEL TANK	1	
9	*57976	PANEL - R.H.	1	
10	50A-0810	BOLT	4	
11	14A-08	LOCKWASHER	4	
12	14C-08	FLATWASHER	4	
13	14A-04	NUT	2	
14	30A-04	NUT	4	
15	*9480 x 10.5	HOSE PROTECTOR	1	
16	*57985	U BOLT	1	
17	40839 x 8	TRIM	1	
18	12375	MOUNT	4	
19	14C-10	FLATWASHER	4	
20	14A-10	LOCKWASHER	4	
21	50A-1018	BOLT	4	
22	104E-04	VALVE	1	
23	*57973	STAND	1	
24	*57977	PANEL - L.H.	1	
25	14C-05Zi	FLATWASHER	4	
26	14A-05Zi	LOCKWASHER	4	
27	50A-0506Zi	BOLT	4	
		FUEL CIRCUIT - MODELS 710 THRU 730A		**710 thru 730A**
28	115J-0404	ELBOW	1	
29	106A-0404	CONNECTOR	1	
30	55294	HOSE PROTECTOR	3	720 thru 730A
31	30A-04	NUT	2	
32	14C-04	FLATWASHER	3	
33	14A-04	LOCKWASHER	2	
34	32317	CLAMP	1	
35	*16741 x 44	HOSE	1	710/710A
36	16741 x 70	HOSE	1	720 thru 730A
37	32318	CLAMP	1	
38	50A-0406	BOLT	1	
39	22D-06	CLAMP	1	
40	100J-0604	ELBOW	3	
	9480 x 2	HOSE	1	
41	*9480 x 25.5	HOSE	1	
	59115	FILTER	1	
42	100E-04	VALVE	1	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		FUEL CIRCUIT - MODELS 740 THRU 780A		**740 thru 780A**
43	104E-04	VALVE	1	
44	115J-0406	ELBOW	2	
45	111B-0810	CONNECTOR	1	
46	350A-10030	BOLT	4	
47	14A-07	LOCKWASHER	4	
48	50A-0608	BOLT	4	
49	14A-06	LOCKWASHER	4	
50	51564	BRACKET	1	
51	14373 x 28	HOSE	1	
52	112B-08	ELBOW	1	
53	14373 x 38	HOSE	1	
54	30A-04	NUT	1	
55	14A-04	LOCKWASHER	1	
56	32319	CLAMP	1	
		TROPICAL PROTECTION PACKAGE - OPTIONAL		
57	9313 x 14	HOSE	1	740 thru 780A
58	51564	BRACKET	1	740 thru 780A
59	111B-0810	CONNECTOR	2	
60	50A-0608	BOLT	4	740 thru 780A
61	14A-06	LOCKWASHER	4 or 8	
62	350A-10030	BOLT	4	
63	14A-07	LOCKWASHER	4	740 thru 780A
64	111E-0810	CONNECTOR	1	
65	49798	CLEAR BOWL	1	
66	49797	O RING - BOWL DRAIN	1	
67	54630	DRAIN VALVE	1	
68	14373 x 15	HOSE	1	
69	115J-0406	ELBOW	1 or 2	
70	104W-04	VALVE	1	
71	30A-06	NUT	4	
72	32546	**WATER SEPARATOR ASSEMBLY** - INCLUDES ITEMS 65, 66, 67 & 73	1	
73	36107	ELEMENT	1	
74	50A-0606	BOLT	4	720 thru 730A
75	14373 x 38	HOSE	1	710/710A

See QUICK REFERENCE CHART for FUEL FILTERS



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION C

THROTTLE CONTROLS

JANUARY 1988

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224,16245 TO 16470
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 TO 2099-2

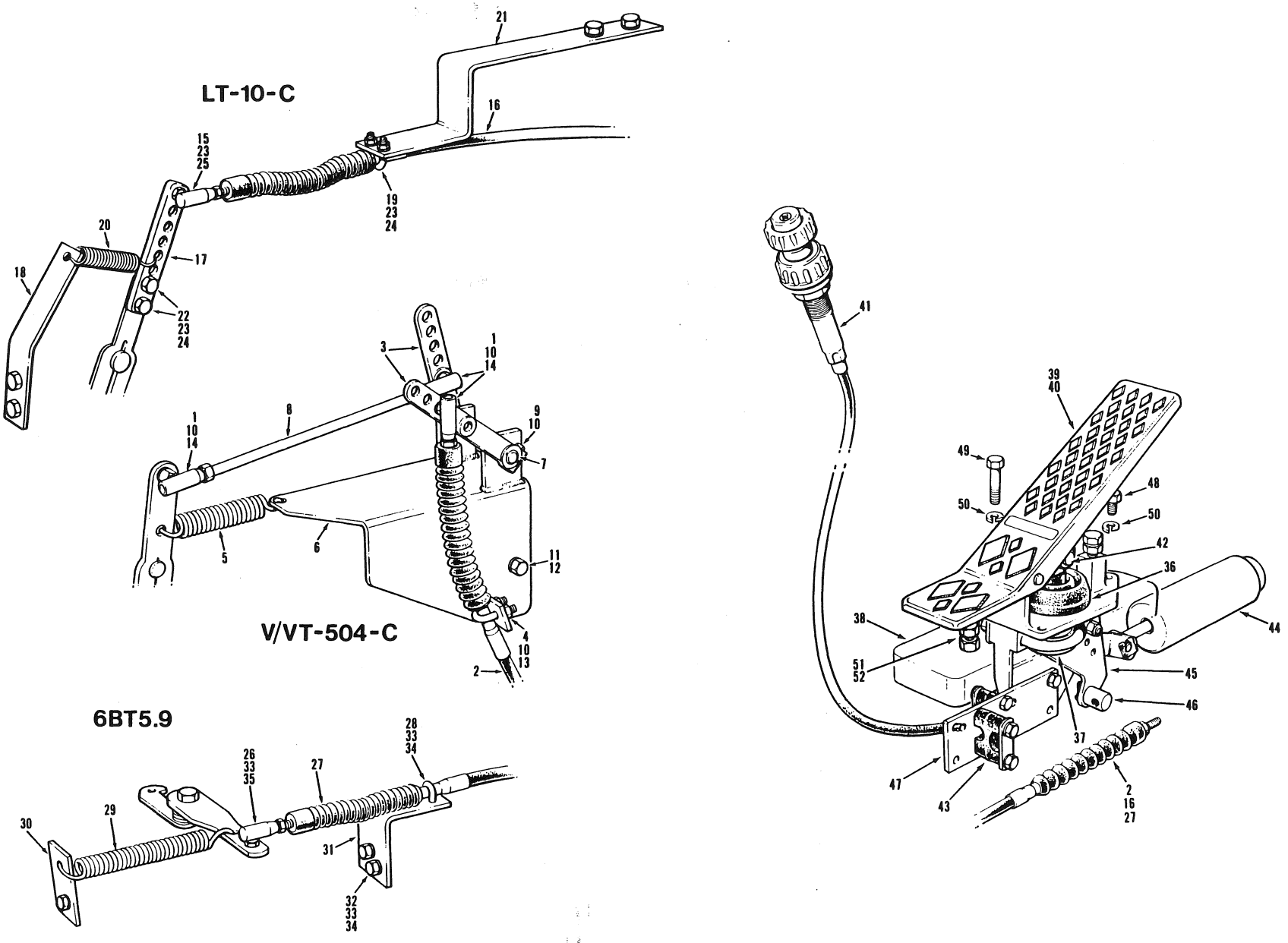
700 SERIES
SERIE 700

SECTION 8 PAGE 5
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	14214	CLIP	1	
2	23120	PIN	1	
3	19878	CABLE - ACCELERATOR	1	
4	19879	CABLE - HAND THROTTLE	1	
5	23125	END	1	
6	23657	CLAMP	1	
7	27206	SPRING	1	
8	14C-05	FLATWASHER	2	
9	52L-1004	SCREW	2	
10	53N-1003	SCREW	1	
11	14F-10	LOCKWASHER	2	
12	32A-10	NUT	2	
		BRACKET & INSTALLATION - 6BT5.9		
13	1759	BALL JOINT	1	
14	27051	U BOLT	1	
15	40510	BRACKET	1	
16	14A-04	LOCKWASHER	A.R.	
17	30A-04	NUT	2	
18	31A-04	NUT	2	
		BRACKET & INSTALLATION - LT-10-C		
19	1759	BALL JOINT	1	
20	23292	ARM	1	
21	23293	ANCHOR	1	
22	27051	U BOLT	1	
23	36130	BRACKET	1	
24	50A-0408	BOLT	2	
25	14A-04	LOCKWASHER	1	
26	30A-04	NUT	4	
27	31A-04	NUT	2	
28	50A-0606	BOLT	2	
29	14A-06	LOCKWASHER	A.R.	
		BRACKET & INSTALLATION - V/VT-504-C		
30	1759	BALL JOINT	3	
31	27956	U BOLT ASSY.	1	
32	26904	LEVER	2	
33	27206	SPRING	1	
34	40887	BRACKET	1	
35	40888	ROD	1	
36	40889	ROD	1	
37	50A-0408	BOLT	2	
38	14A-04	LOCKWASHER	7	
39	30A-04	NUT	2	
40	31A-04	NUT	4	
41	50A-0606	BOLT	2	
42	14A-06	LOCKWASHER	2	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		ACCELERATOR INSTALLATION		
	19877	PEDAL ASSY. - INCLUDES ITEMS 43 TO 46 48 & 49	1	
43	23542	BELLOWS	1	
44	23544	CLEVIS	1	
45	23545	CLAMP	1	
46	26098	U-BOLT	1	
47	34122	MOUNTING PAD	1	
48	43969	PUSH ROD KIT	1	
49	43970	BEARING BLOCK ASSY.	1	
50	50A-0406	BOLT	1	
51	50A-0416	BOLT	2	
52	14A-04	LOCKWASHER	3	
		ACCELERATOR/DECELERATOR INSTALLATION		
53	1759	BALL JOINT	1	
54	19877	PEDAL ASSY.	1	
55	28980	BUSHING	6	
56	40884	CABLE - ACCELERATOR	1	
57	34122	MOUNTING PAD	1	
58	35842	SHAFT	1	
59	35843	HUB - HAND THROTTLE	1	
60	35844	HUB - ACCELERATOR	1	
61	35845	HUB - DECELERATOR	1	
62	35847	PEDAL - DECELERATOR	1	
63	35848	ROD	1	
64	35851	CABLE - DECELERATOR	1	
65	35852	CLEVIS	2	
66	35853	SPRING	1	
67	10A-0420	CLEVIS PIN	1	
68	13A-0212	COTTER PIN	1	
69	29D-02	GREASE FITTING	3	
70	70A-0404	SETSCREW	2	
71	50A-0406	BOLT	1	
72	50A-0416	BOLT	2	
73	14A-04	LOCKWASHER	4	
74	31A-04	NUT	4	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2

THROTTLE CONTROLS

SEPTEMBER 1985

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16471 TO 16805
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2100-2 TO 2418-2

700 SERIES
SERIE 700

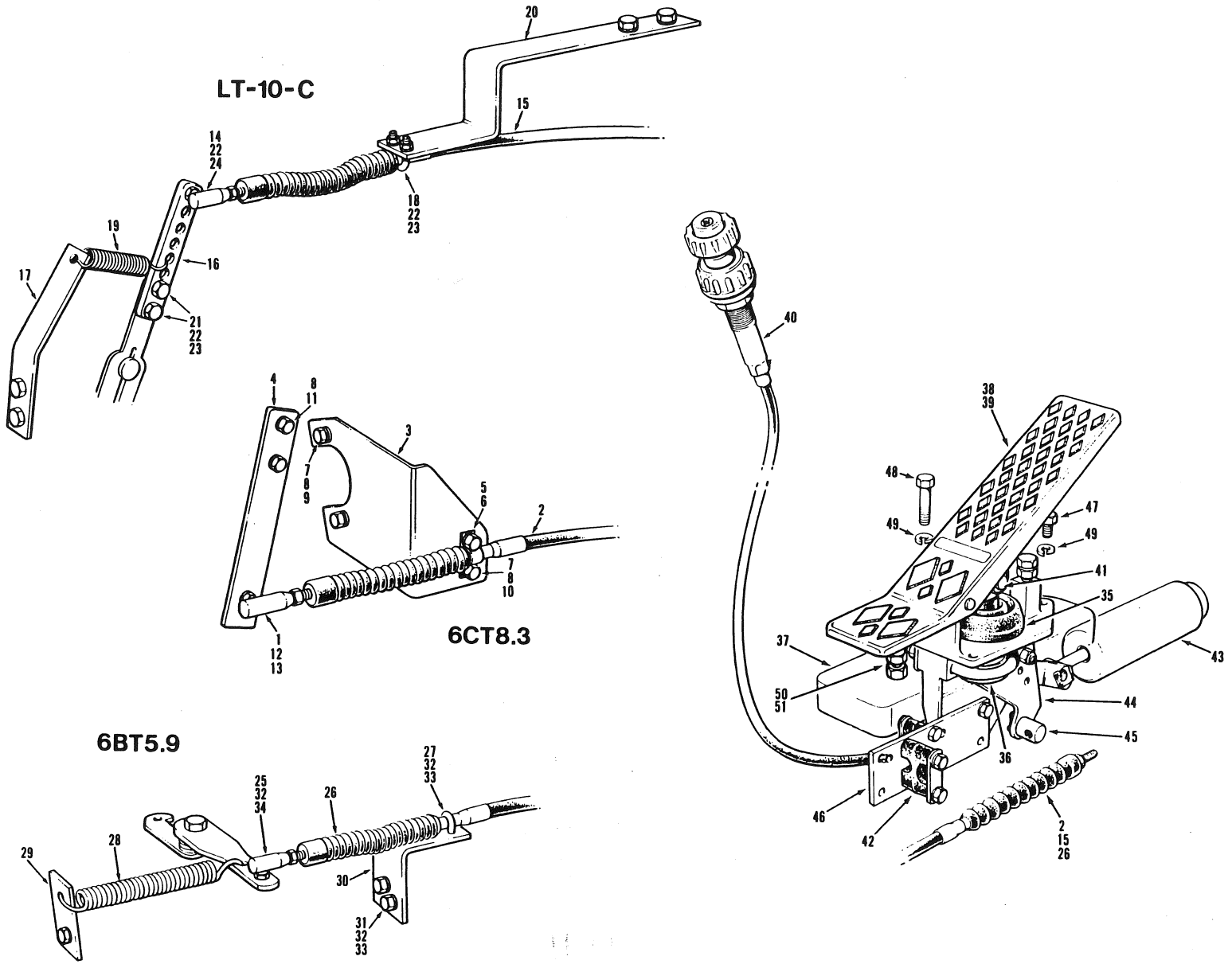
SECTION 8 PAGE 5
SECCION 8 PAGINA 5

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		THROTTLE INSTALLATION - V/VT-504-C		
1	1759	JOINT	3	
2	19878	CABLE	1	
3	26904	LEVER	2	
4	27051	U-BOLT	1	
5	27206	SPRING	1	
6	40887	BRACKET	1	
7	40888	ROD	1	
8	40889	ROD	1	
9	50A-0408	BOLT	6	
10	14A-04	LOCKWASHER	4	
11	50A-0604	BOLT	2	
12	14A-06	LOCKWASHER	2	
13	30A-04	NUT	2	
14	31A-04	NUT	5	
		THROTTLE INSTALLATION - LT-10-C		
15	1759	JOINT	1	
16	19878	CABLE	1	
17	23292	EXTENSION ARM	1	
18	23293	ANCHOR	1	
19	27051	U-BOLT	1	
20	37034	SPRING	1	
21	41739	BRACKET	1	
22	50A-0408	BOLT	2	
23	14A-04	LOCKWASHER	5	
24	30A-04	NUT	4	
25	31A-04	NUT	1	
		THRUTTLE INSTALLATION - 6BT5.9		
26	1759	JOINT	1	
27	19878	CABLE	1	
28	27051	U-BOLT	1	
29	27206	SPRING	1	
30	41713	ANCHOR	1	
31	41714	BRACKET	1	
32	50A-0406	BOLT	2	
33	14A-04	LOCKWASHER	5	
34	30A-04	NUT	4	
35	31A-04	NUT	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		ACCELERTOR/DECELERATOR INSTALLATION		
36	23542	BELLOWS	1	
37	26098	U-BOLT	1	
38	34122	PAD	1	
39	36718	PEDAL	1	
40	36748	PEDAL ASSY.-C/W ITEMS 36,37,39 & 42 TO 47	1	
41	36749	CABLE	1	
42	37066	LINKAGE	1	
43	37067	ANCHOR ASSY.	1	
44	37068	CANNISTER	1	
45	37069	ROD ASSY.	1	
46	37070	TERMINAL KIT	1	
47	37071	BRACKET	1	
48	50A-0406	BOLT	1	
49	50A-0416	BOLT	2	
50	14A-04	LOCKWASHER	4	
51	50A-0410	BOLT	1	
52	30A-04	NUT	1	

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

THROTTLE CONTROLS

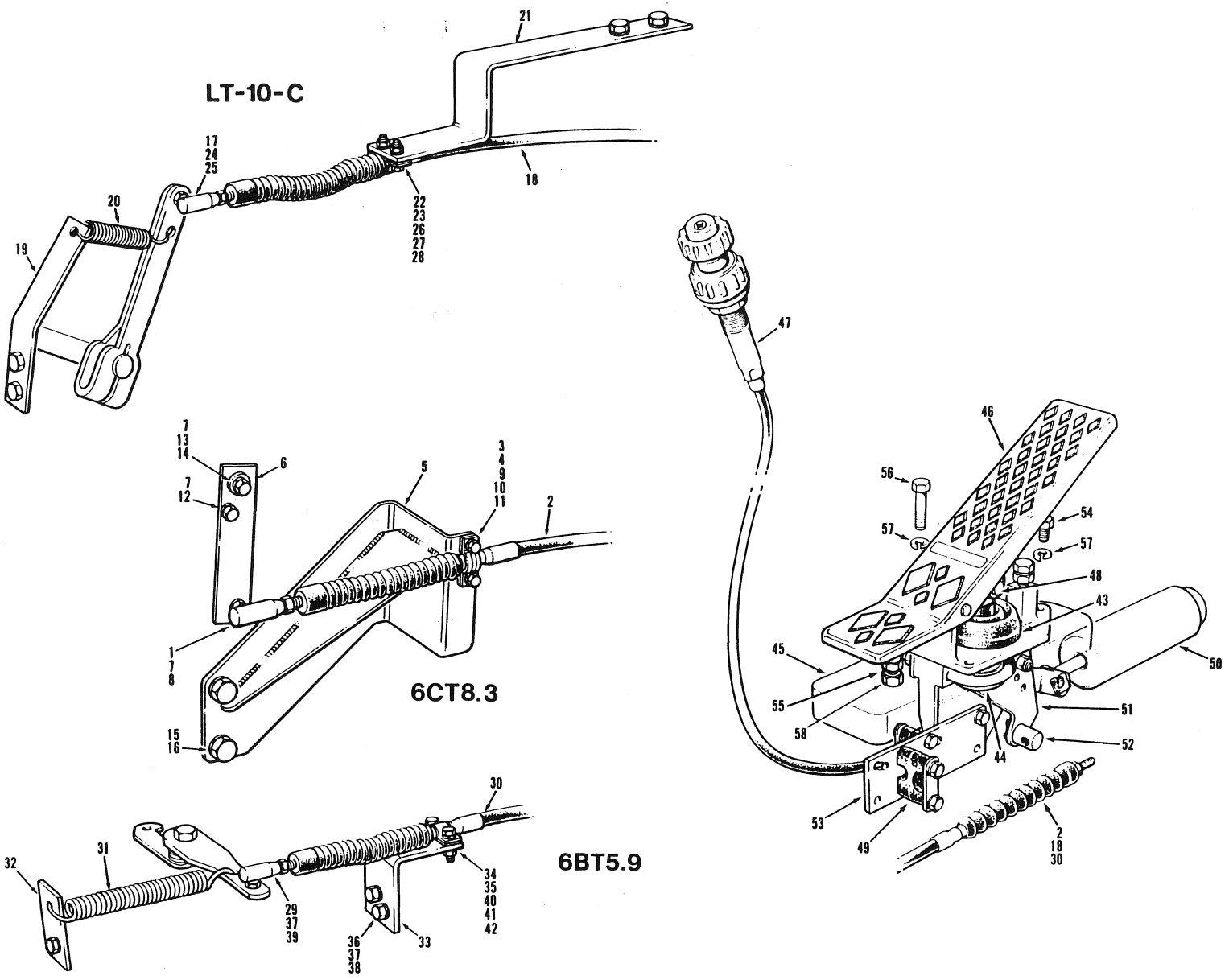
SEPTEMBER 1985

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		THROTTLE INSTALLATION - 6CT8.3		
1	1759	JOINT	1	
2	19878	CABLE	1	
3	42185	BRACKET	1	
4	42186	LEVER	1	
5	42207	SHIM	2	
6	42208	CLAMP	1	
7	350A-05025	BOLT	4	
8	314A-05	LOCKWASHER	2	
9	314C-05	FLATWASHER	2	
10	330A-05	NUT	2	
11	350A-05012	BOLT	2	
12	14A-04	LOCKWASHER	1	
13	31A-04	NUT	1	
		THROTTLE INSTALLATION - LT-10-C		
14	1759	JOINT	1	
15	19878	CABLE	1	
16	23292	EXTENSION	1	
17	23293	ANCHOR	1	
18	27051	U-BOLT	1	
19	37034	SPRING	1	
20	41739	BRACKET	1	
21	50A-0408	BOLT	2	
22	14A-04	LOCKWASHER	5	
23	30A-04	NUT	4	
24	31A-04	NUT	1	
		THROTTLE INSTALLATION - 6BT5.9		
25	1759	JOINT	1	
26	19878	CABLE	1	
27	27051	U-BOLT	1	
28	27206	SPRING	1	
29	41713	ANCHOR	1	
30	41714	BRACKET	1	
31	50A-0406	BOLT	2	
32	14A-04	LOCKWASHER	5	
33	30A-04	NUT	4	
34	31A-04	NUT	1	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		ACCELERATOR/DECELERATOR INSTALLATION		
35	23542	BELLOWS	1	
36	26098	U-BOLT	1	
37	34122	PAD	1	
38	36718	PEDAL	1	
39	36748	PEDAL ASSY.-C/W ITEMS 35,36,38 & 41 TO 46	1	
40	36749	CABLE	1	
41	37066	LINKAGE	1	
42	37067	ANCHOR ASSY.	1	
43	37068	CANNISTER	1	
44	37069	ROD ASSY.	1	
45	37070	TERMINAL KIT	1	
46	37071	BRACKET	1	
47	50A-0406	BOLT	1	
48	50A-0416	BOLT	2	
49	14A-04	LOCKWASHER	4	
50	50A-0410	BOLT	1	
51	30A-04	NUT	1	



EFFECTIVE SERIAL NUMBER(S) 16869 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. NOT APPLICABLE

700 SERIES
SERIE 700

SECTION 8 PAGE 5
SECCION 8 PAGINA 5

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4 REVISION A

THROTTLE CONTROLS

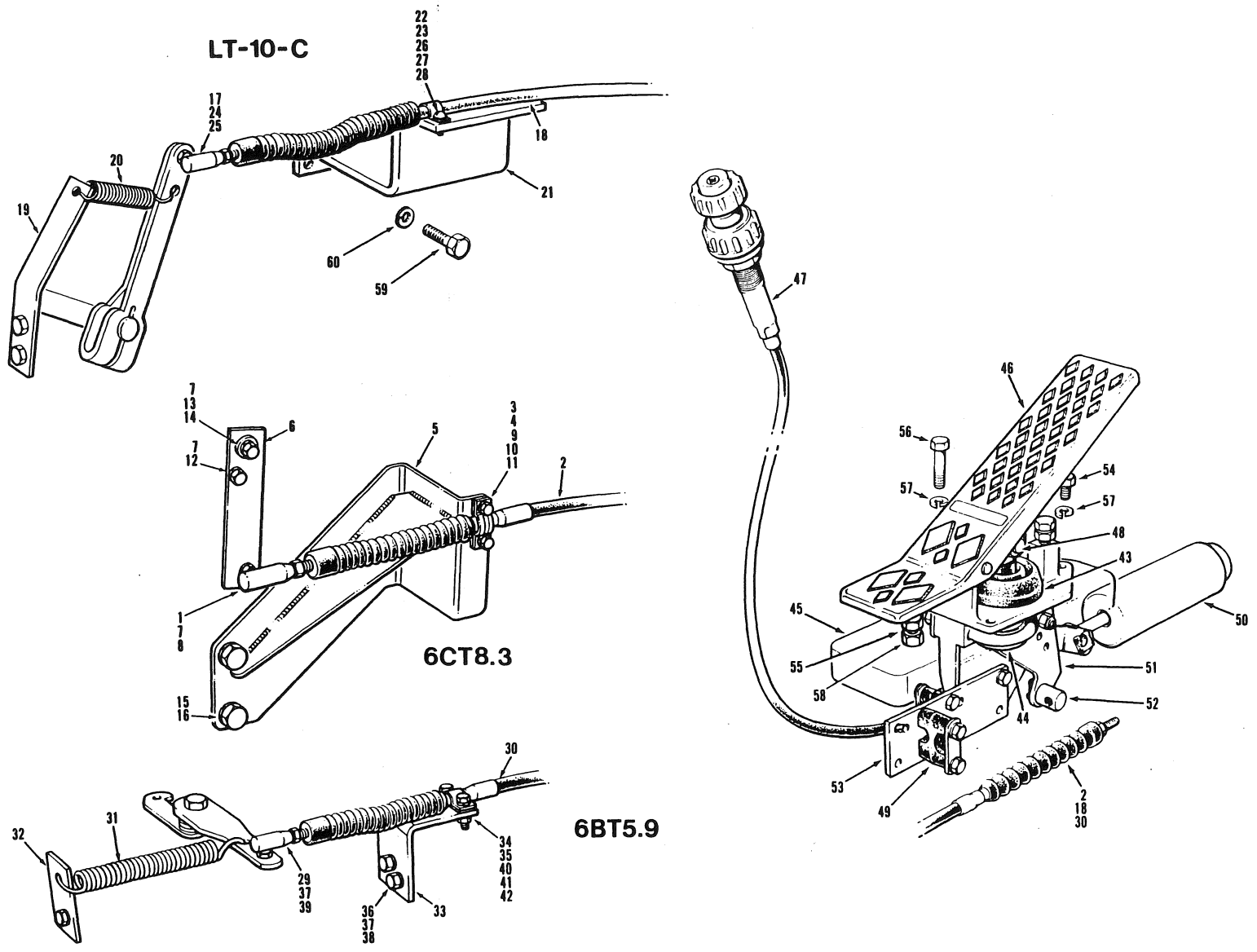
JANUARY 1988

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		THROTTLE INSTALLATION - 6CT8.3		
1	1759	JOINT	1	
2	19878	CABLE	1	
3	42207	SHIM	2	
4	42208	CLAMP	1	
5	43080	BRACKET	1	
6	43113	LEVER	1	
7	14A-04	LOCKWASHER	3	
8	31A-04	NUT	1	
9	350A-05025	BOLT	2	
10	314A-05	LOCKWASHER	2	
11	330A-05	NUT	2	
12	*350A-06012	BOLT	1	
13	*350A-06016	BOLT	1	
14	*314C-06	FLATWASHER	1	
15	350A-10025	BOLT	2	
16	*314A-10	LOCKWASHER	2	
		THROTTLE INSTALLATION - LT-10-C		
17	1759	JOINT	1	
18	19878	CABLE	1	
19	23293	ANCHOR	1	
20	37034	SPRING	1	
21	41739	BRACKET	1	
22	42207	SHIM	1	
23	42208	CLAMP	1	
24	14A-04	LOCKWASHER	1	
25	31A-04	NUT	1	
26	350A-05025	BOLT	2	
27	314A-05	LOCKWASHER	2	
28	330A-05	NUT	2	
		THROTTLE INSTALLATION - 6BT5.9		
29	1759	JOINT	1	
30	19878	CABLE	1	
31	37034	SPRING	1	
32	41713	ANCHOR	1	
33	41714	BRACKET	1	
34	42207	SHIM	1	
35	42208	CLAMP	1	
36	50A-0406	BOLT	2	
37	14A-04	LOCKWASHER	5	
38	30A-04	NUT	4	
39	31A-04	NUT	1	
40	350A-05025	BOLT	2	
41	314A-05	LOCKWASHER	2	
42	330A-05	NUT	2	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		ACCELERATOR/DECELERATOR INSTALLATION		
43	23542	BELLOWS	1	
44	26098	U-BOLT	1	
45	34122	PAD	1	
46	36748	PEDAL ASSY.-C/W ITEMS 43,44, & 47 TO 52	1	
47	36749	CABLE	1	
48	37066	LINKAGE	1	
49	37067	ANCHOR ASSY.	1	
50	37068	CANNISTER	1	
51	37069	ROD ASSY.	1	
52	37070	TERMINAL KIT	1	
53	37071	BRACKET	1	
54	50A-0406	BOLT	1	
55	50A-0410	BOLT	1	
56	50A-0416	BOLT	2	
57	14A-04	LOCKWASHER	4	
58	30A-04	NUT	1	

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS



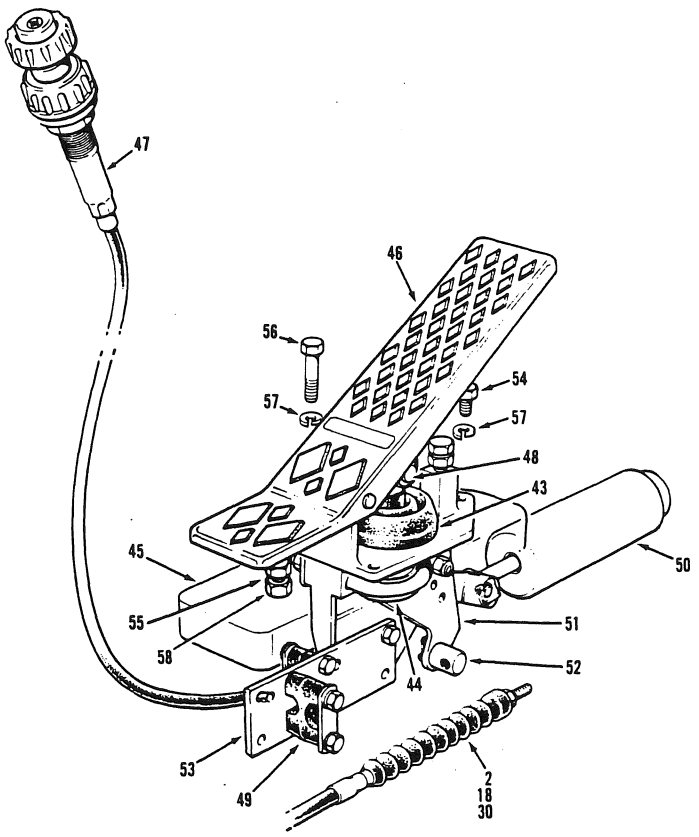
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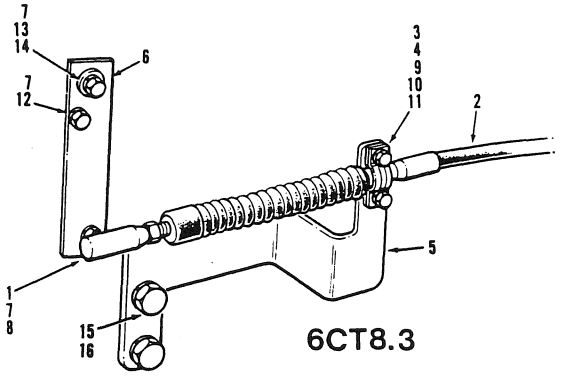
FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

THROTTLE CONTROLS

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		THROTTLE INSTALLATION - 6CT8.3		
1	1759	JOINT	1	
2	19878	CABLE	1	
3	42207	SHIM	2	
4	42208	CLAMP	1	
5	43080	BRACKET	1	
6	43113	LEVER	1	
7	14A-04	LOCKWASHER	3	
8	31A-04	NUT	1	
9	350A-05025	BOLT	2	
10	314A-05	LOCKWASHER	2	
11	330A-05	NUT	2	
12	350A-06012	BOLT	1	
13	350A-06016	BOLT	1	
14	314C-06	FLATWASHER	1	
15	350A-10025	BOLT	2	
16	314A-10	LOCKWASHER	2	
		THROTTLE INSTALLATION - LT-10-C		
17	1759	JOINT	1	
18	19878	CABLE	1	
19	23293	ANCHOR	1	
20	37034	SPRING	1	
21	*48808	BRACKET	1	
22	42207	SHIM	1	
23	42208	CLAMP	1	
24	14A-04	LOCKWASHER	1	
25	31A-04	NUT	1	
26	350A-05025	BOLT	2	
27	314A-05	LOCKWASHER	2	
28	330A-05	NUT	2	
		THROTTLE INSTALLATION - 6BT5.9		
29	1759	JOINT	1	
30	19878	CABLE	1	
31	37034	SPRING	1	
32	41713	ANCHOR	1	
33	41714	BRACKET	1	
34	42207	SHIM	1	
35	42208	CLAMP	1	
36	50A-0406	BOLT	2	
37	14A-04	LOCKWASHER	5	
38	30A-04	NUT	4	
39	31A-04	NUT	1	
40	350A-05025	BOLT	2	
41	314A-05	LOCKWASHER	2	
42	330A-05	NUT	2	

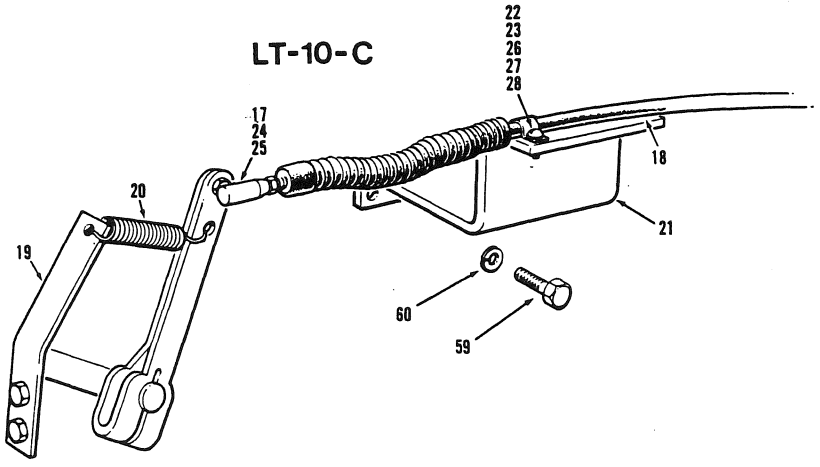
No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		ACCELERATOR/DECELERATOR INSTALLATION		
43	23542	BELLOWS	1	
44	26098	U-BOLT	1	
45	34122	PAD	1	
46	36748	PEDAL ASSEMBLY - C/W ITEMS 43, 44, & 47 TO 52	1	
47	36749	CALBE	1	
48	37066	LINKAGE	1	
49	37067	ANCHOR ASSEMBLY	1	
50	37068	CANNISTER	1	
51	37069	ROD ASSEMBLY	1	
52	37070	TERMINAL KIT	1	
53	37071	BRACKET	1	
54	50A-0406	BOLT	1	
55	50A-0410	BOLT	1	
56	50A-0416	BOLT	2	
57	14A-04	LOCKWASHER	4	
58	30A-04	NUT	1	
59	*350A-10025	BOLT	2	LT-10-C
60	*314A-10	LOCKWASHER	2	LT-10-C

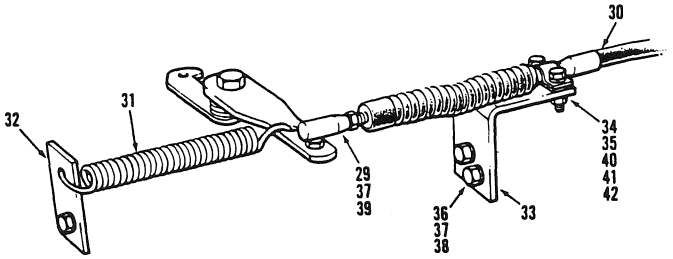




6CT8.3

LT-10-C





6BT5.9

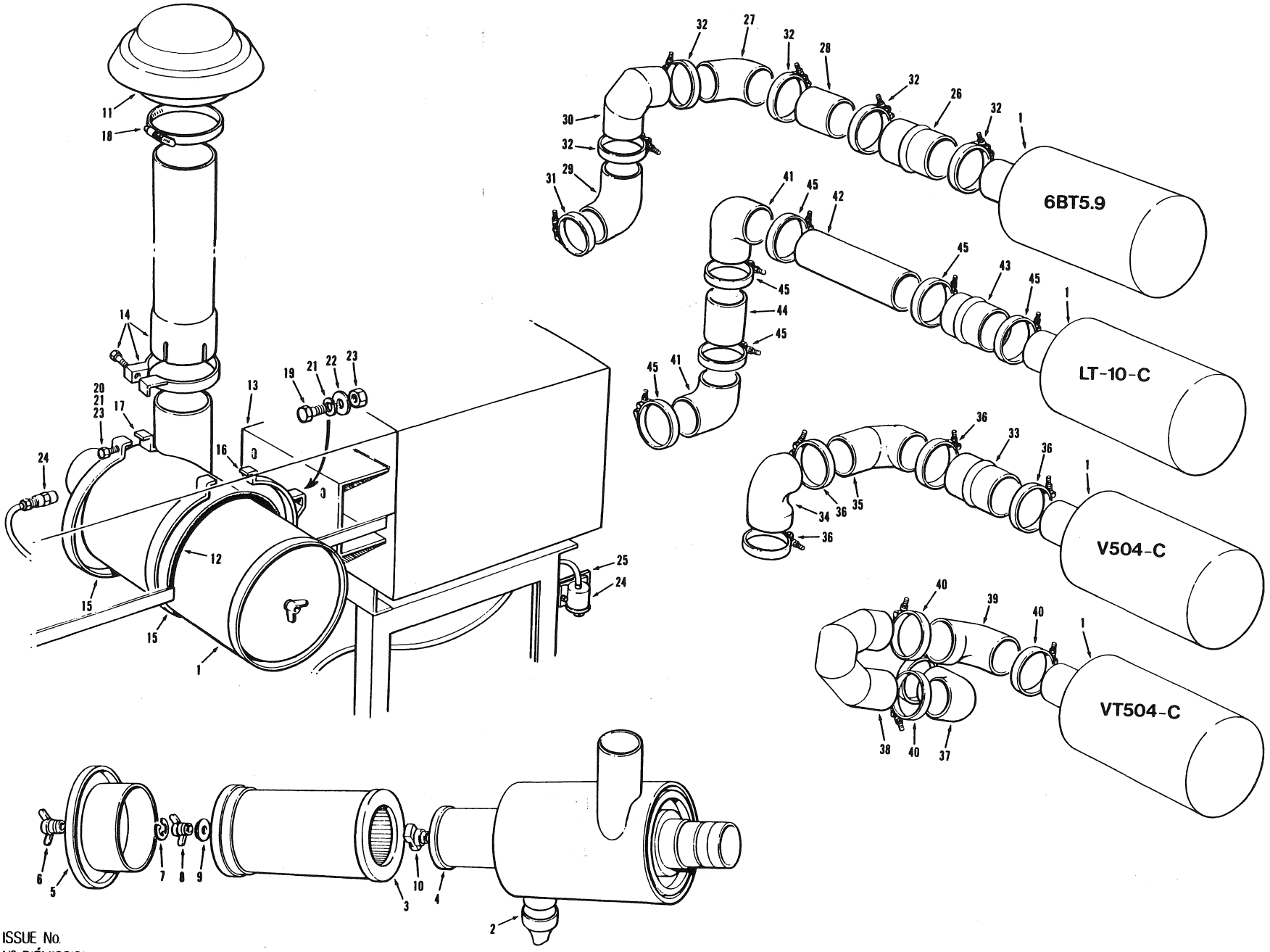
THROTTLE CONTROLS

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 6

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		THROTTLE INSTALLATION - 6CT8.3		
1	1759	JOINT	1	
2	*57641	CABLE	1	
3	42207	SHIM	2	
4	42208	CLAMP	1	
5	*57925	BRACKET	1	
6	43113	LEVER	1	
7	14A-04	LOCKWASHER	3	
8	31A-04	NUT	1	
9	350A-05025	BOLT	2	
10	314A-05	LOCKWASHER	2	
11	330A-05	NUT	2	
12	350A-06012	BOLT	1	
13	350A-06016	BOLT	1	
14	314C-06	FLATWASHER	1	
15	350A-10025	BOLT	2	
16	314A-10	LOCKWASHER	2	
		THROTTLE INSTALLATION - LT-10-C		
17	1759	JOINT	1	
18	*57641	CABLE	1	
19	23293	ANCHOR	1	
20	37034	SPRING	1	
21	48808	BRACKET	1	
22	42207	SHIM	1	
23	42208	CLAMP	1	
24	14A-04	LOCKWASHER	1	
25	31A-04	NUT	1	
26	350A-05025	BOLT	2	
27	314A-05	LOCKWASHER	2	
28	330A-05	NUT	2	
		THROTTLE INSTALLATION - 6BT5.9		
29	1759	JOINT	1	
30	*57641	CABLE	1	
31	37034	SPRING	1	
32	41713	ANCHOR	1	
33	41714	BRACKET	1	
34	42207	SHIM	1	
35	42208	CLAMP	1	
36	50A-0406	BOLT	2	
37	14A-04	LOCKWASHER	5	
38	30A-04	NUT	4	
39	31A-04	NUT	1	
40	350A-05025	BOLT	2	
41	314A-05	LOCKWASHER	2	
42	330A-05	NUT	2	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		ACCELERATOR/DECELERATOR INSTALLATION		
43	23542	BELLOWS	1	
44	26098	U-BOLT	1	
45	34122	PAD	1	
46	36748	PEDAL ASSEMBLY - C/W ITEMS 43, 44, & 47 TO 52	1	
47	36749	CALBE	1	
48	37066	LINKAGE	1	
49	37067	ANCHOR ASSEMBLY	1	
50	37068	CANNISTER	1	
51	37069	ROD ASSEMBLY	1	
52	37070	TERMINAL KIT	1	
53	37071	BRACKET	1	
54	50A-0406	BOLT	1	
55	50A-0410	BOLT	1	
56	50A-0416	BOLT	2	
57	14A-04	LOCKWASHER	4	
58	30A-04	NUT	1	
59	350A-10025	BOLT	2	LT-10-C
60	314A-10	LOCKWASHER	2	LT-10-C



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1

AIR INTAKE INSTALLATION

OCTOBER 1984

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 8 PAGE 7
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

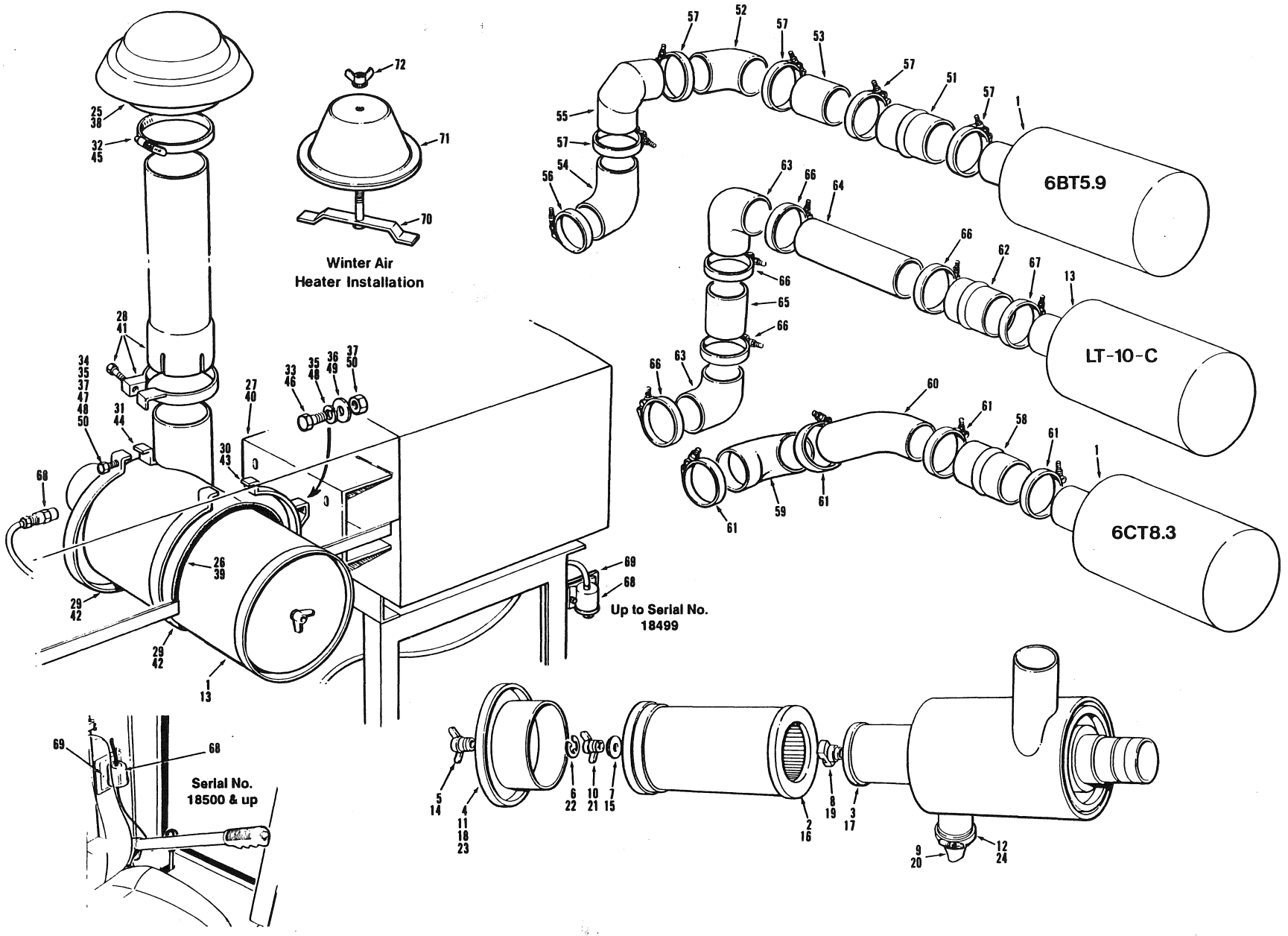
SECTION / SECCION 8 | PAGE / PAGINA 8 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 1

AIR INTAKE INSTALLATION

OCTOBER 1984

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		AIR CLEANER ASSEMBLY		ALL MODELS
1	32688	AIR CLEANER ASSY. - INCLUDES ITEMS 2 TO 10	1	
2	24154	VACUATOR VALVE	1	
3	28120	ELEMENT - PRIMARY	1	
4	28121	ELEMENT - SAFETY	1	
5	28122	COVER	1	
6	28123	WING NUT	1	
7	28124	NUT CLIP	1	
8	34118	WING NUT	1	
9	34119	GASKET	1	
10	34120	SAFETY SIGNAL	1	
		AIR CLEANER INSTALLATION		ALL MODELS
11	7898	RAIN CAP	1	
12	32576x36	TRIM - LOK	1	6BT5.9 & LT-10-C
13	40059	BRACKET	1	
14	40080	EXTENSION - INCLUDES CLAMP AND HARDWARE	1	
15	40209	HALF BRACKET	2	
16	40210	MOUNTING BAND	1	
17	40212	BRACKET	1	
18	22B-500	CLAMP	1	
19	50A-0510	BOLT	4	
20	50A-0516	BOLT	4	
21	14A-05	LOCKWASHER	6	
22	14C-05	FLATWASHER	4	
23	30A-05	NUT	8	
		RESTRICTION INDICATOR INSTALLATION		
24	33226	RESTRICTION INDICATOR KIT	1	
25	40229	BRACKET	1	REPAIR PART

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		6BT5.9 INSTALLATION		
26	28443	HUMP HOSE	1	
27	32990	ELBOW	1	
28	36449	TUBE	1	
29	40263	ELBOW	1	
30	40273	TUBE	1	
31	22A-400	CLAMP	1	
32	22A-450	CLAMP	5	
		V-504-C INSTALLATION		
33	28443	HUMP HOSE	1	
34	40192	ELBOW	1	
35	40429	ELBOW	1	
36	22A-450	CLAMP	4	
		VT-504-C INSTALLATION		
37	16280	ELBOW	1	
38	40191	TUBE	1	
39	40192	ELBOW	1	
40	22A-450	CLAMP	4	
		LT-10-C INSTALLATION		
41	16280	ELBOW - 90°	2	
42	28051-2	TUBE	1	
43	28443	HUMP HOSE	1	
44	32987	TUBE	1	
45	22A-450	CLAMP	6	



EFFECTIVE SERIAL NUMBER(S) 16806 TO 19564
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2419-2 TO 2685-2

700 SERIES
SERIE 700

SECTION 8 PAGE 7
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **2 REVISION D**

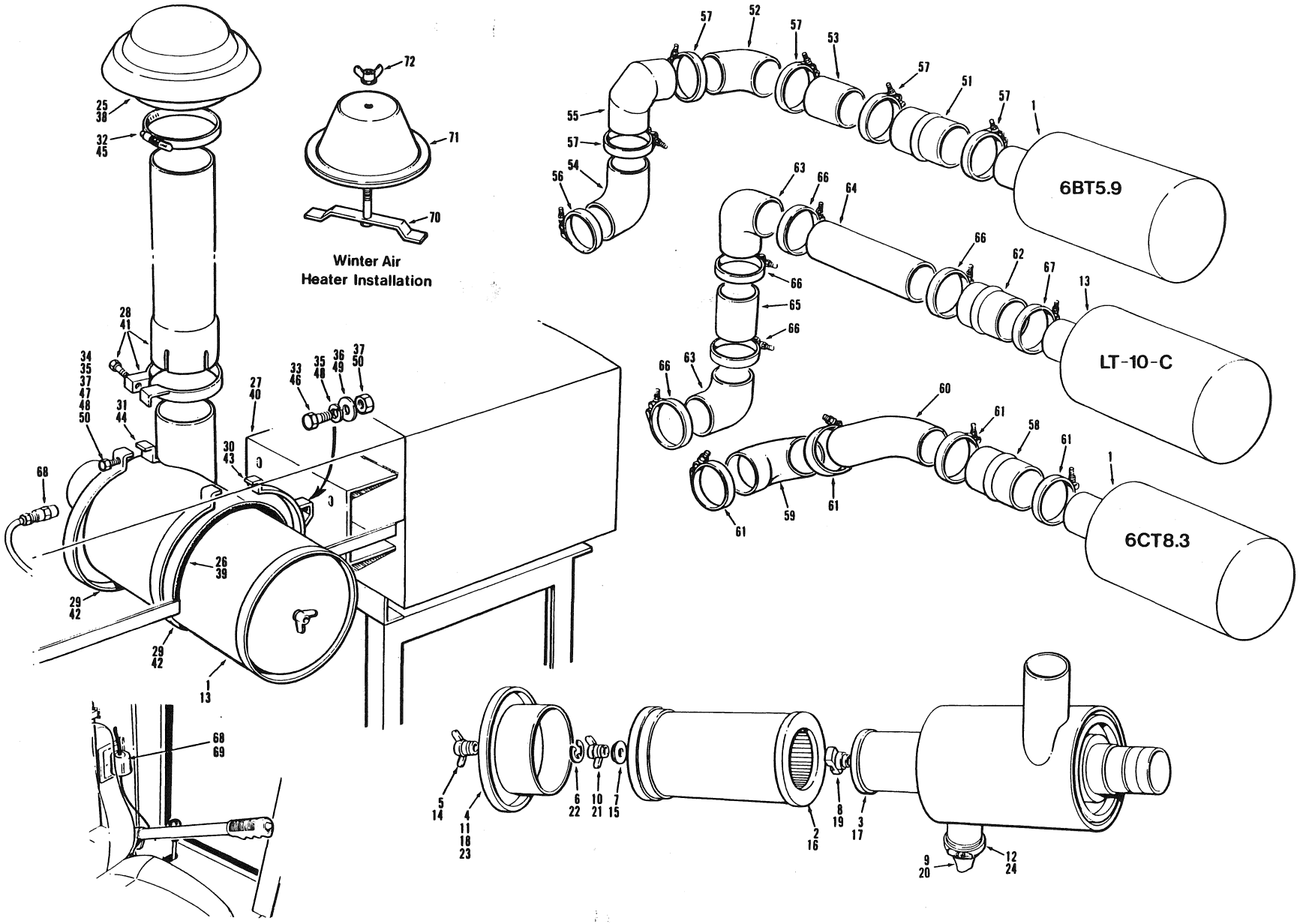
AIR INTAKE INSTALLATION

APRIL 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		AIR CLEANER ASSEMBLY		6BT5.9 & 6CT8.3
1	32688	AIR CLEANER ASSY.-INCLUDES ITEMS 2 TO 11	1	
2	28120	ELEMENT - PRIMARY	1	
3	28121	ELEMENT - SAFETY	1	ALSO
4	28122	COVER	1	L-10-C UP
5	28123	WING NUT	1	TO S/N
6	28124	NUT CLIP	1	16891
7	34119	GASKET	1	U.S.2419-2
8	34120	NUT ASSEMBLY	1	
9	37402	VACUATOR VALVE	1	
10	37403	WING NUT	1	
11	45476	GASKET	1	
12	22B-48	CLAMP	1	
		AIR CLEANER ASSEMBLY		L-10-C
13	33940	AIR CLEANER ASSY.-INCLUDES ITEMS 14 TO 23	1	
14	28123	WING NUT	1	
15	34119	GASKET	1	S/N 16892
16	37398	ELEMENT - PRIMARY	1	AND UP
17	37399	ELEMENT - SAFETY	1	U.S.2420-2
18	37400	COVER	1	AND UP
19	37401	NUT ASSEMBLY	1	
20	37402	VACUATOR VALVE	1	
21	37403	WING NUT	1	
22	37405	NUT CLIP	1	
23	37406	GASKET	1	
24	22B-48	CLAMP	1	
		AIR CLEANER INSTALLATION		6 BT5.9 & 6 CT8.3
25	7898	RAIN CAP	1	
26	32576 X 36	TRIM LOK	1	
27	40059	BRACKET	2	
28	40080	EXTENSION - INCLUDES CLAMP & HARDWARE	1	
29	40209	HALF BRACKET	1	
30	40210	MOUNTING BAND	1	
31	40212	BRACKET	1	
32	22B-500	CLAMP	1	
33	50A-0510	BOLT	4	
34	50A-0516	BOLT	4	
35	14A-05	LOCKWASHER	6	
36	14C-05	FLATWASHER	4	
37	30A-05	NUT	8	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		AIR CLEANER INSTALLATION		L-10-C
38	10886	RAIN CAP	1	
39	32576 X 40	TRIM LOK	1	
40	42369	BRACKET	1	
41	42371	EXTENSION - INCLUDES CLAMP & HARDWARE	1	
42	42406	HALF BRACKET	2	
43	42407	MOUNTING BAND	1	
44	42409	MOUNTING BAND	1	
45	22A-650	CLAMP	1	
46	50A-0510	BOLT	4	
47	50A-0516	BOLT	4	
48	14A-05	LOCKWASHER	6	
49	14C-05	FLATWASHER	4	
50	30A-05	NUT	8	
		6BT5.9 INTAKE INSTALLATION		
51	28443	HUMP HOSE	1	
52	32990	ELBOW	1	
53	36449	TUBE	1	
54	40263	ELBOW	1	
55	40429	TUBE	1	
56	22A-375	CLAMP	1	
57	22A-450	CLAMP	5	
		6CT8.3 INTAKE INSTALLATION		
58	28443	HUMP HOSE	1	
59	40192	ELBOW	1	
60	41798	CONNECTING PIPE	1	
61	22A-450	CLAMP	4	
		LT-10-C INTAKE INSTALLATION		
62	9246	HUMP HOSE	1	
63	16280	ELBOW	2	
64	28051-1	CONNECTING TUBE	1	
65	32987	CONNECTING TUBE	1	
66	22A-450	CLAMP	5	
67	22A-550	CLAMP	1	
		RESTRICTION INDICATOR INSTALLATION		
68	33226	RESTRICTION INDICATOR KIT	1	
69	40229	BRACKET	1	
		WINTER AIR INTAKE HEATER INSTALLATION		
70	41935	CLAMPING BAR	1	
71	41943	HOOD ASSEMBLY	1	
72	36T-06	WING LOCKNUT	1	



EFFECTIVE SERIAL NUMBER(S) 19565, 19566, 19568 TO 19578,
NUMERO(S) DE SÉRIE EFFECTIF(S) 19580 TO 19610, 19612 TO 19614,
NUMERO(S) DE SERIE EFECTIVO(S) 19616, 19618 & UP

700 SERIES
SERIE 700

SECTION 8 PAGE 7
SECCION 8 PAGINA 7

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
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AIR INTAKE INSTALLATION

APRIL 1989

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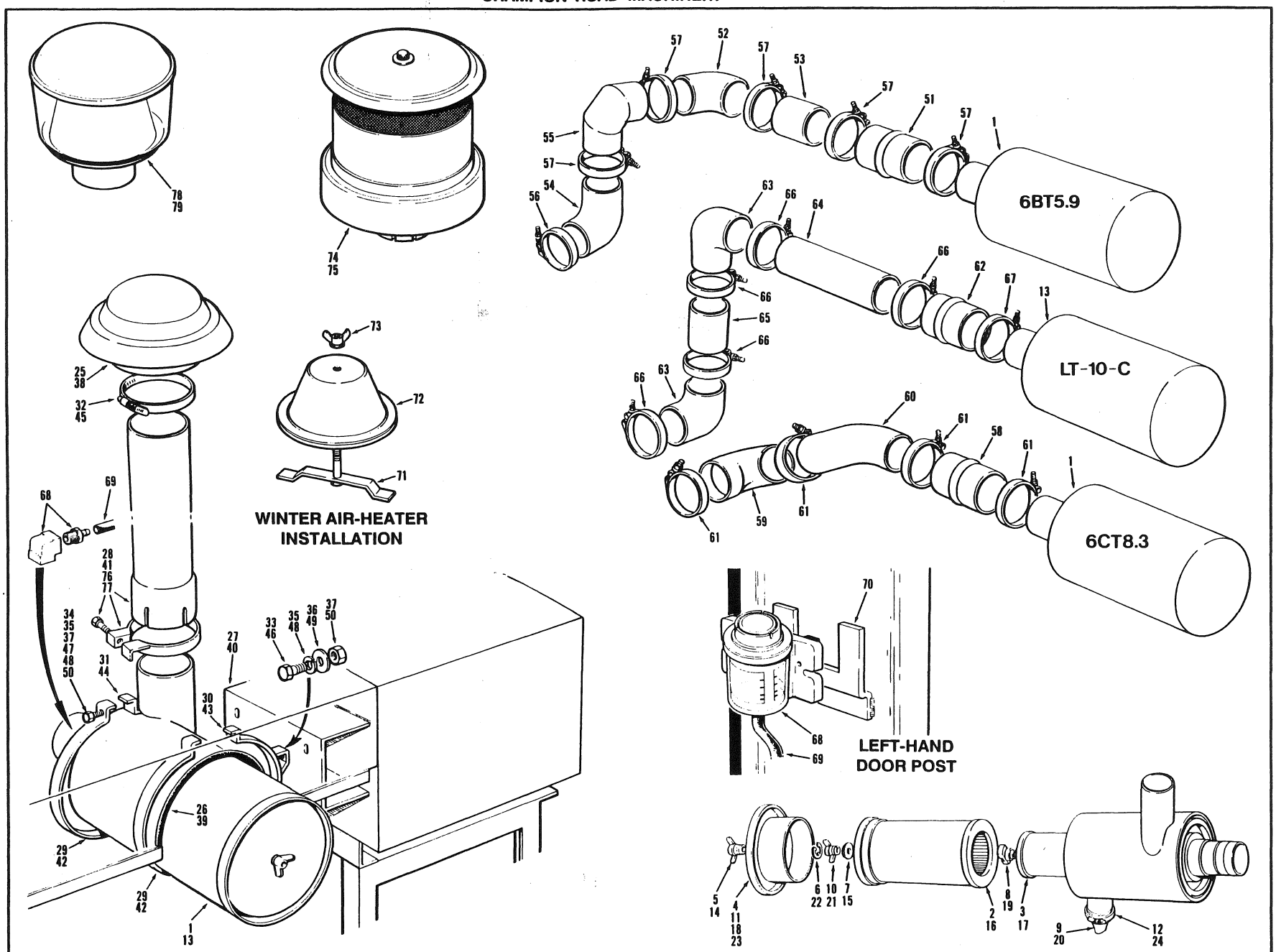
SECTION / SECCION 8 | PAGE / PAGINA 8 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 3 REVISION A

AIR INTAKE INSTALLATION

APRIL 1989

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		AIR CLEANER ASSEMBLY		6BT5.9 & 6CT8.3
1	32688	AIR CLEANER ASSY.-INCLUDES ITEMS 2 TO 11	1	
2	28120	ELEMENT - PRIMARY	1	
3	28121	ELEMENT - SAFETY	1	
4	28122	COVER	1	
5	28123	WING NUT	1	
6	28124	NUT CLIP	1	
7	34119	GASKET	1	
8	34120	NUT ASSEMBLY	1	
9	37402	VACUATOR VALVE	1	
10	37403	WING NUT	1	
11	45476	GASKET	1	
12	22B-48	CLAMP	1	
		AIR CLEANER ASSEMBLY		L-10-C
13	33940	AIR CLEANER ASSY.-INCLUDES ITEMS 14 TO 23	1	
14	28123	WING NUT	1	
15	34119	GASKET	1	
16	37398	ELEMENT - PRIMARY	1	
17	37399	ELEMENT - SAFETY	1	
18	37400	COVER	1	
19	37401	NUT ASSEMBLY	1	
20	37402	VACUATOR VALVE	1	
21	37403	WING NUT	1	
22	37405	NUT CLIP	1	
23	37406	GASKET	1	
24	22B-48	CLAMP	1	
		AIR CLEANER INSTALLATION		6 BT5.9 & 6 CT8.3
25	7898	RAIN CAP	1	
26	32576 X 36	TRIM LOK	1	
27	51154	BRACKET	2	
28	40080	EXTENSION - INCLUDES CLAMP & HARDWARE	1	
29	40209	HALF BRACKET	1	
30	51143	MOUNTING BAND	1	
31	51141	BRACKET	1	
32	22B-84	CLAMP	1	
33	50A-0510	BOLT	4	
34	50A-0516	BOLT	4	
35	14A-05	LOCKWASHER	6	
36	14C-05	FLATWASHER	4	
37	30A-05	NUT	8	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		AIR CLEANER INSTALLATION		L-10-C
38	10886	RAIN CAP	1	
39	32576 X 40	TRIM LOK	1	
40	51154	BRACKET	1	
41	42371	EXTENSION - INCLUDES CLAMP & HARDWARE	1	
42	42406	HALF BRACKET	2	
43	51144	MOUNTING BAND	1	
44	51147	MOUNTING BAND	1	
45	22B-104	CLAMP	1	
46	50A-0510	BOLT	4	
47	50A-0516	BOLT	4	
48	14A-05	LOCKWASHER	6	
49	14C-05	FLATWASHER	4	
50	30A-05	NUT	8	
		6BT5.9 INTAKE INSTALLATION		
51	28443	HUMP HOSE	1	
52	32990	ELBOW	1	
53	36449	TUBE	1	
54	40263	ELBOW	1	
55	40429	TUBE	1	
56	22A-375	CLAMP	1	
57	22A-450	CLAMP	5	
		6CT8.3 INTAKE INSTALLATION		
58	28443	HUMP HOSE	1	
59	40192	ELBOW	1	
60	41798	CONNECTING PIPE	1	
61	22A-450	CLAMP	4	
		LT-10-C INTAKE INSTALLATION		
62	9246	HUMP HOSE	1	
63	16280	ELBOW	2	
64	28051-2	CONNECTING TUBE	1	
65	32987	CONNECTING TUBE	1	
66	22A-450	CLAMP	5	
67	22A-550	CLAMP	1	
		RESTRICTION INDICATOR INSTALLATION		
68	*33226	RESTRICTION INDICATOR KIT	1	
69	62A-1006	SCREW	2	
		WINTER AIR INTAKE HEATER INSTALLATION		
70	41935	CLAMPING BAR	1	
71	41943	HOOD ASSEMBLY	1	
72	36T-06	WING LOCKNUT	1	



EFFECTIVE SERIAL NUMBER(S) 20194 to 20197, 20199 to 20203,
NUMERO(S) DE SÉRIE EFFECTIF(S) 20204 to 20210, 20212 to 20214,
NUMERO(S) DE SERIE EFECTIVO(S) 20216 to 20382.
Excluding 20227 to 20232 and
20265 to 20375

700 SERIES
SERIE 700

SECTION 8 PAGE 7
SECCION PAGINA

ISSUE No.
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AIR INTAKE INSTALLATION

JANUARY 1990

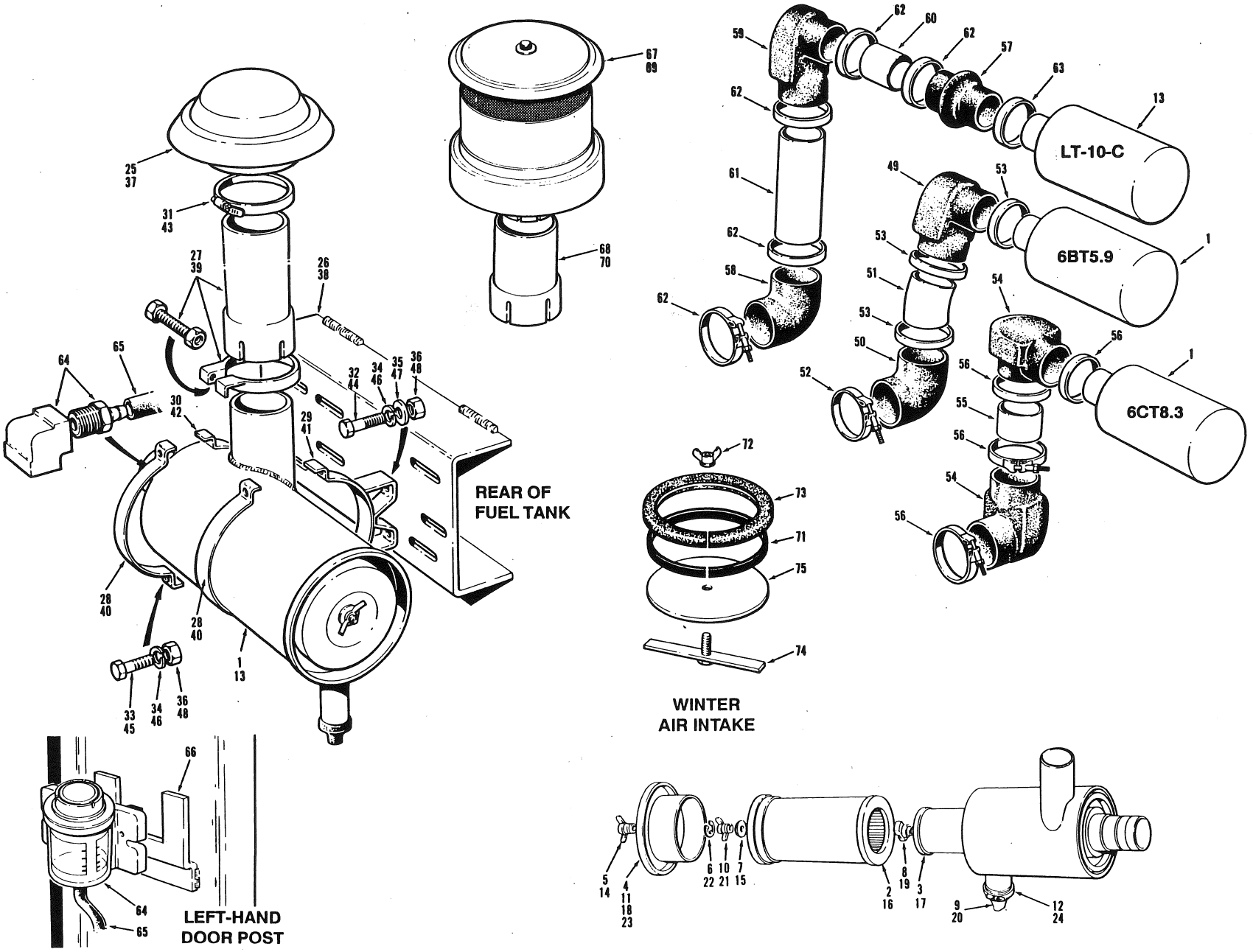
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USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

AIR INTAKE INSTALLATION

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		AIR CLEANER ASSEMBLY - MODELS 710 THRU 730A		6BT5.9 & 6CT8.3
1	32688	AIR CLEANER ASSEMBLY - INCLUDES ITEMS 2 TO 11	1	
2	28120	ELEMENT - PRIMARY	1	
3	28121	ELEMENT - SAFETY	1	
4	28122	COVER	1	
5	28123	WING NUT	1	
6	28124	NUT CLIP	1	
7	34119	GASKET	1	
8	34120	NUT ASSEMBLY	1	
9	37402	VACUATOR VALVE	1	
10	37403	WING NUT	1	
11	45476	GASKET	1	
12	22B-48	CLAMP	1	
		AIR CLEANER ASSEMBLY - MODELS 740 THRU 780A		LT-10-C
13	33940	AIR CLEANER ASSEMBLY - INCLUDES ITEMS 14 TO 23	1	
14	28123	WING NUT	1	
15	34119	GASKET	1	
16	37398	ELEMENT - PRIMARY	1	
17	37399	ELEMENT - SAFETY	1	
18	37400	COVER	1	
19	37401	NUT ASSEMBLY	1	
20	37402	VACUATOR VALVE	1	
21	37403	WING NUT	1	
22	37405	NUT CLIP	1	
23	37406	GASKET	1	
24	22B-48	CLAMP	1	
		AIR CLEANER INSTALLATION - MODELS 710 THRU 730A		6BT5.9 & 6CT8.3
25	7898	RAIN CAP	1	
26	32576X36	TRIM LOK	1	
27	51154	BRACKET	1	REPAIR PART
28	40080	EXTENSION - INCLUDES CLAMP & HARDWARE	1	
29	40209	HALF BRACKET	2	
30	51143	MOUNTING BAND	1	
31	51141	MOUNTING BAND	1	
32	22B-84	CLAMP	1	
33	50A-0510	BOLT	4	
34	50A-0516	BOLT	4	
35	14A-05	LOCKWASHER	6	
36	14C-05	FLATWASHER	4	
37	30A-05	NUT	8	
		AIR CLEANER INSTALLATION - MODELS 740 THRU 780A		LT-10-C
38	10886	RAIN CAP	1	
39	32576X40	TRIM LOK	1	
40	51154	BRACKET	1	REPAIR PART
41	42371	EXTENSION - INCLUDES CLAMP & HARDWARE	1	
42	42406	HALF BRACKET	2	
43	51144	MOUNTING BAND	1	
44	51147	MOUNTING BAND	1	
45	22B-104	CLAMP	1	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
46	50A-0510	BOLT	4	
47	50A-0516	BOLT	4	
48	14A-05	LOCKWASHER	6	
49	14C-05	FLATWASHER	4	
50	30A-05	NUT	8	
		INTAKE INSTALLATION - MODELS 710 & 710A		6BT5.9
51	28443	HUMP HOSE	1	
52	32990	ELBOW	1	
53	36449	TUBE	1	
54	40263	ELBOW	1	
55	40429	TUBE	1	
56	22A-375	CLAMP	1	
57	22A-450	CLAMP	5	
		INTAKE INSTALLATION - MODELS 720 THRU 730A		6CT8.3
58	28443	HUMP HOSE	1	
59	40192	ELBOW	1	
60	41798	CONNECTING PIPE	1	
61	22A-450	CLAMP	4	
		INTAKE INSTALLATION - MODELS 740 THRU 780A		LT-10-C
62	9246	HUMP HOSE	1	
63	16280	ELBOW	2	
64	28051-2	CONNECTING TUBE	1	
65	32987	CONNECTING TUBE	1	
66	22A-450	CLAMP	5	
67	22A-550	CLAMP	1	
		RESTRICTION INDICATOR INSTALLATION		
68	*52003	RESTRICTION INDICATOR KIT	1	
69	*53081X126	TUBE	1	
70	*54727	BRACKET	1	
		WINTER AIR INTAKE HEATER INSTALLATION		
71	41935	CLAMPING BAR	1	
72	41943	HOOD ASSEMBLY	1	
73	36T-06	WING LOCKNUT	1	
		TURBO II PRE-CLEANER INSTALLATION		
74	*33782	PRE-CLEANER C/W CLAMP	1	6BT & 6CT
75	*46498	PRE-CLEANER C/W CLAMP	1	LT-10-C
76	*54633	EXTENTION	1	6BT & 6CT
77	*54649	EXTENTION	1	LT-10-C
		PRE-CLEANER INSTALLATION		
78	*8601	PRE-CLEANER	1	710 thru 730A
79	*43332	PRE-CLEANER	1	740 thru 780A



ISSUE No.
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AIR INTAKE INSTALLATION

JUNE 1991

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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 19982, 19984, 19985, 19996,
NUMERO(S) DE SÉRIE EFFECTIF(S) 20005, 20227 to 20232, 20265
NUMERO(S) DE SERIE EFECTIVO(S) to 20375, 20383 TO 20893

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

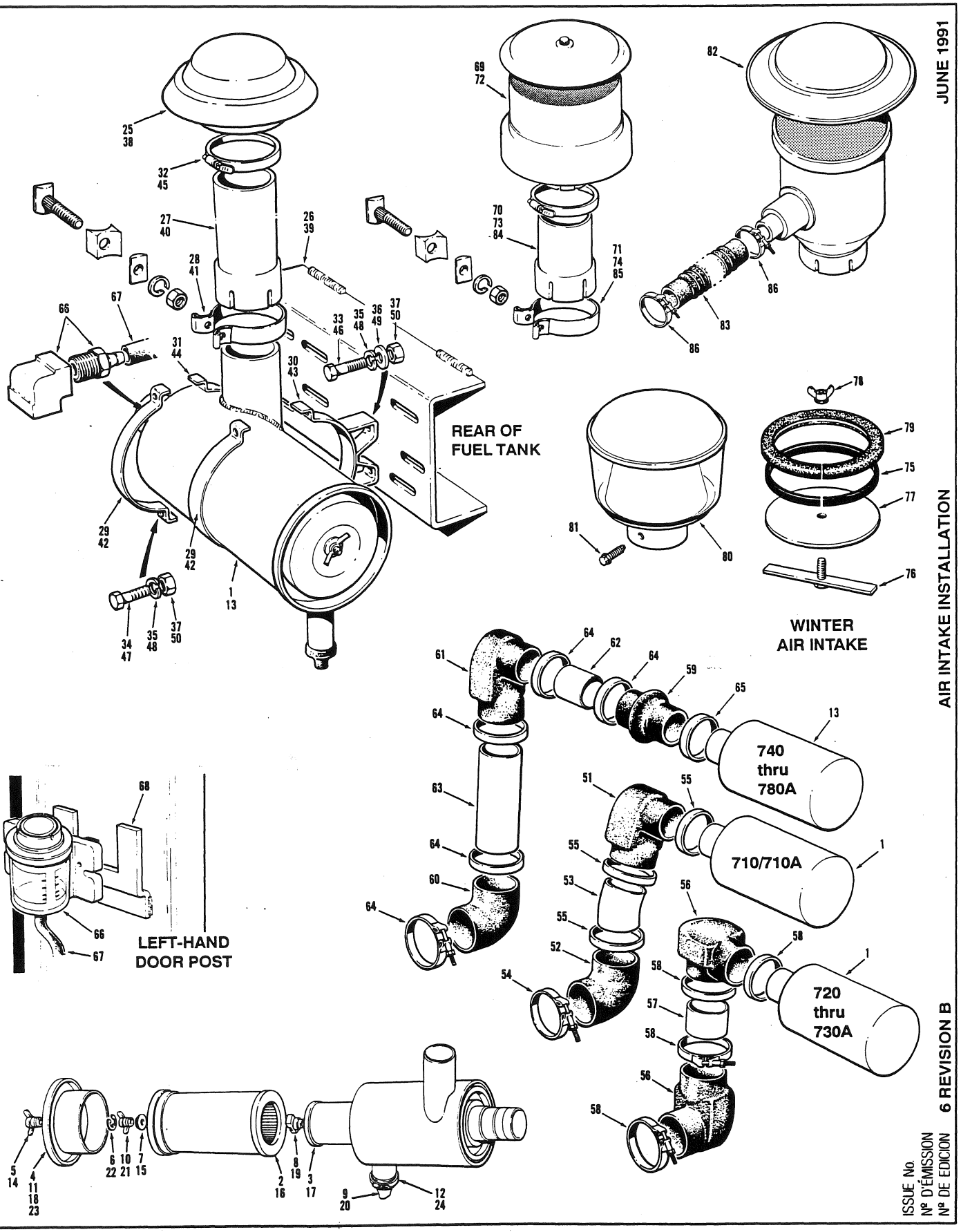
SECTION / SECCION 8 | PAGE / PAGINA 8 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 5 REVISION A

AIR INTAKE INSTALLATION

JUNE 1991

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		AIR CLEANER ASSEMBLY - Models 710 thru 730A		6BT5.9 & 6CT8.3
1	32688	AIR CLEANER ASSEMBLY - INCLUDES ITEMS 2 TO 11	1	
2	28120	ELEMENT - PRIMARY	1	
3	28121	ELEMENT - SAFETY	1	
4	28122	COVER	1	
5	28123	WING NUT	1	
6	28124	NUT CLIP	1	
7	34119	GASKET	1	
8	34120	NUT ASSEMBLY	1	
9	37402	VACUATOR VALVE	1	
10	37403	WING NUT	1	
11	45476	GASKET	1	
12	22B-48	CLAMP	1	
		AIR CLEANER ASSEMBLY - Models 740 thru 780A		LT-10-C
13	33940	AIR CLEANER ASSEMBLY - INCLUDES ITEMS 14 TO 23	1	
14	28123	WING NUT	1	
15	34119	GASKET	1	
16	37398	ELEMENT - PRIMARY	1	
17	37399	ELEMENT - SAFETY	1	
18	37400	COVER	1	
19	37401	NUT ASSEMBLY	1	
20	37402	VACUATOR VALVE	1	
21	37403	WING NUT	1	
22	37405	NUT CLIP	1	
23	37406	GASKET	1	
24	22B-48	CLAMP	1	
		AIR CLEANER INSTALLATION - Models 710 thru 730A		6BT5.9 & 6CT8.3
25	7898	RAIN CAP	1	
26	52488	BRACKET	1	
27	40080	EXTENSION - INCLUDES CLAMP & HARDWARE	1	
28	40209	HALF BRACKET	2	
29	51143	MOUNTING BAND	1	
30	51141	MOUNTING BAND	1	
31	22B-84	CLAMP	1	
32	50A-0510	BOLT	4	
33	50A-0516	BOLT	4	
34	14A-05	LOCKWASHER	6	
35	14C-05	FLATWASHER	4	
36	30A-05	NUT	8	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		AIR CLEANER INSTALLATION - Models 740 thru 780A		LT-10-C
37	10886	RAIN CAP	1	
38	52488	BRACKET	1	
39	42371	EXTENSION - INCLUDES CLAMP & HARDWARE	1	
40	42406	HALF BRACKET	2	
41	52851	MOUNTING BAND	1	
42	52852	MOUNTING BAND	1	
43	22B-104	CLAMP	1	
44	50A-0510	BOLT	4	
45	50A-0516	BOLT	4	
46	14A-05	LOCKWASHER	6	
47	14C-05	FLATWASHER	4	
48	30A-05	NUT	8	
		INTAKE INSTALLATION - Models 710/710A		6BT5.9
49	40192	ELBOW	1	
50	40263	ELBOW	1	
51	52809	TUBE	1	
52	22A-375	CLAMP	1	
53	22A-450	CLAMP	3	
		INTAKE INSTALLATION Models 720 thru 730A		6CT8.3
54	40192	ELBOW	2	
55	52865	CONNECTING PIPE	1	
56	22A-450	CLAMP	4	
		INTAKE INSTALLATION - Models 740 thru 780A		LT-10-C
57	9246	HUMP HOSE	1	
58	16280	ELBOW	2	
59	40192	ELBOW	1	
60	52871	CONNECTING TUBE	1	
61	52872	CONNECTING TUBE	1	
62	22A-450	CLAMP	5	
63	22A-550	CLAMP	1	
		RESTRICTION INDICATOR INSTALLATION		
64	*52003	RESTRICTION INDICATOR KIT	1	
65	53081X126	TUBE	1	
66	54727	BRACKET	1	
		TURBO II PRE-CLEANER INSTALLATION		
67	33782	PRE-CLEANER C/W CLAMP	1	6BT & 6CT
68	54633	EXTENSION	1	6BT & 6CT
69	46498	PRE-CLEANER C/W CLAMP	1	LT-10-C
70	54649	EXTENTION	1	L-T10-C
		WINTER AIR INTAKE		
71	*19176 x 33	TAPE SEALANT	1	
72	*36T-06	LOCKNUT	1	
73	*40839 x 33	TRIM	1	
74	*57915	CLAMPING BAR	1	
75	*57916	HOOD		



CHAMPION ROAD MACHINERY

JUNE 1991

AIR INTAKE INSTALLATION

6 REVISION B

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
20893 & UP

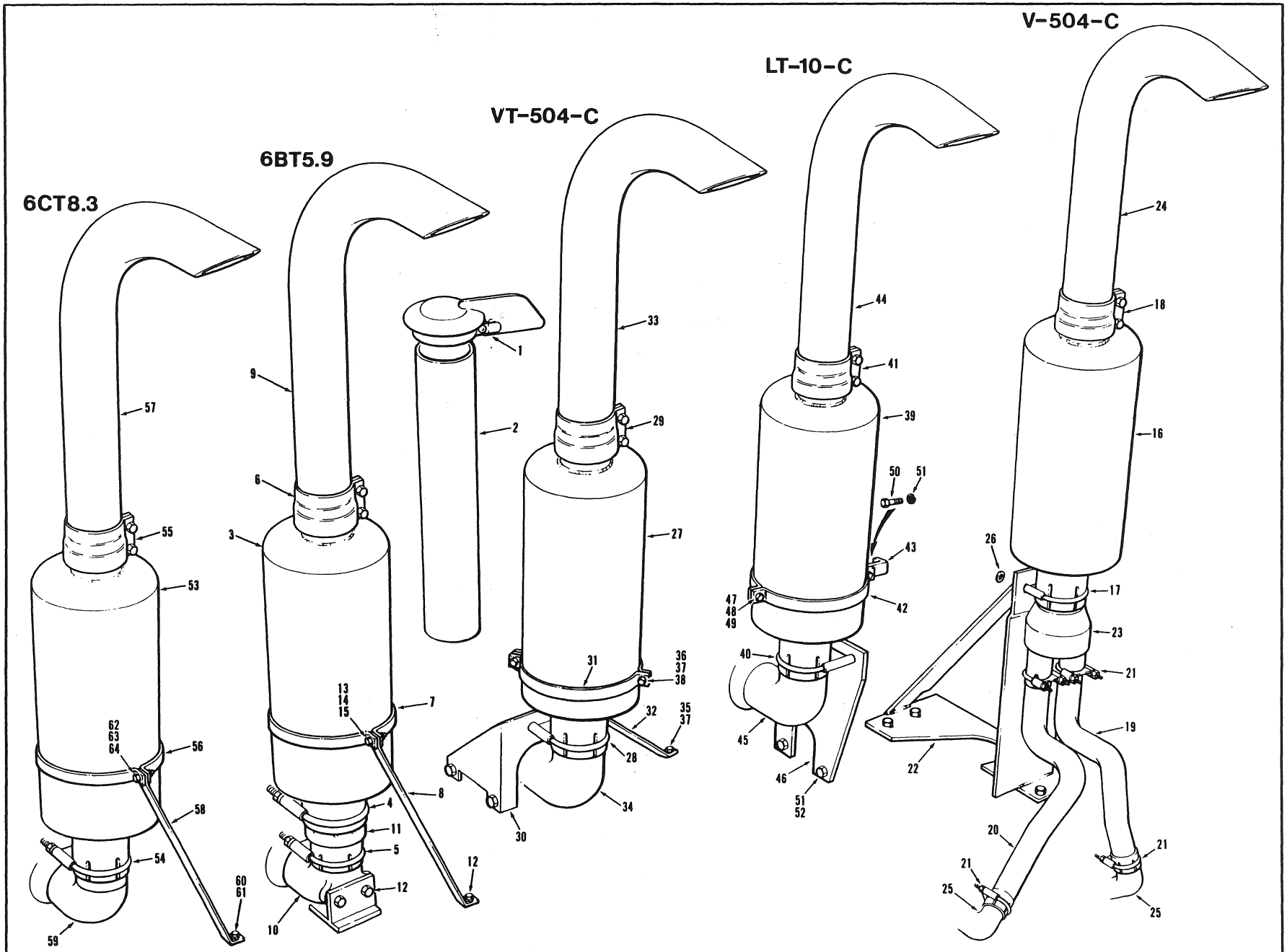
SECTION 8 SECCION | PAGE 8 PAGINA | ISSUE No. N° D'ÉMISSION N° DE EDICION 6 REVISION B

AIR INTAKE INSTALLATION

JUNE 1991

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		AIR CLEANER ASSEMBLY - 6BT5.9 & 6CT8.3		710 thru 730A
1	32688	AIR CLEANER ASSEMBLY - INCLUDES ITEMS 2 TO 11	1	
2	28120	ELEMENT - PRIMARY	1	
3	28121	ELEMENT - SAFETY	1	
4	28122	COVER	1	
5	28123	WING NUT	1	
6	28124	NUT CLIP	1	
7	34119	GASKET	1	
8	34120	NUT ASSEMBLY	1	
9	37402	VACUATOR VALVE	1	
10	37403	WING NUT	1	
11	45476	GASKET	1	
12	22B-48	CLAMP	1	
		AIR CLEANER ASSEMBLY - LT-10-C		740 thru 780A
13	33940	AIR CLEANER ASSEMBLY - INCLUDES ITEMS 14 TO 23	1	
14	28123	WING NUT	1	
15	34119	GASKET	1	
16	37398	ELEMENT - PRIMARY	1	
17	37399	ELEMENT - SAFETY	1	
18	37400	COVER	1	
19	37401	NUT ASSEMBLY	1	
20	37402	VACUATOR VALVE	1	
21	37403	WING NUT	1	
22	37405	NUT CLIP	1	
23	37406	GASKET	1	
24	22B-48	CLAMP	1	
		AIR CLEANER INSTALLATION - 6BT5.9 & 6CT8.3		710 thru 730A
25	7898	RAIN CAP	1	
26	52488	BRACKET	1	
27	57319	EXTENSION	1	
28	57285	CLAMP - C/W HARDWARE	1	
29	40209	HALF BRACKET	2	
30	51143	MOUNTING BAND	1	
31	51141	MOUNTING BAND	1	
32	22B-84	CLAMP	1	
33	50A-0510	BOLT	4	
34	50A-0516	BOLT	4	
35	14A-05	LOCKWASHER	6	
36	14C-05	FLATWASHER	4	
37	30A-05	NUT	8	
		AIR CLEANER INSTALLATION - LT-10-C		740 thru 780A
38	10886	RAIN CAP	1	
39	52488	BRACKET	1	
40	57322	EXTENSION	1	
41	57286	CLAMP - C/W HARDWARE	1	
42	42406	HALF BRACKET	2	
43	52851	MOUNTING BAND	1	
44	52852	MOUNTING BAND	1	
45	22B-104	CLAMP	1	
46	50A-0510	BOLT	4	
47	50A-0516	BOLT	4	
48	14A-05	LOCKWASHER	6	
49	14C-05	FLATWASHER	4	
50	30A-05	NUT	8	

No. Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		INTAKE INSTALLATION - 6BT5.9		710/710A
51	40192	ELBOW	1	
52	40263	ELBOW	1	
53	52809	TUBE	1	
54	22A-375	CLAMP	1	
55	22A-450	CLAMP	3	
		INTAKE INSTALLATION - 6CT8.3		720 thru 730A
56	40192	ELBOW	2	
57	52865	CONNECTING PIPE	1	
58	22A-450	CLAMP	4	
		INTAKE INSTALLATION - LT-10-C		740 thru 780A
59	9246	HUMP HOSE	1	
60	16280	ELBOW	2	
61	40192	ELBOW	1	
62	52871	CONNECTING TUBE	1	
63	52872	CONNECTING TUBE	1	
64	22A-450	CLAMP	5	
65	22A-550	CLAMP	1	
		RESTRICTION INDICATOR INSTALLATION		
66	52003	RESTRICTION INDICATOR KIT	1	
67	53081 x 126	TUBE	1	
68	54727	BRACKET	1	
		TURBO II PRE-CLEANER INSTALLATION		
69	33782	PRE-CLEANER - C/W CLAMP	1	
70	54633	EXTENSION	1	710 thru 730A
71	57285	CLAMP - C/W HARDWARE	1	
72	46498	PRE-CLEANER - C/W CLAMP	1	
73	57320	EXTENSION	1	740 thru 780A
74	57286	CLAMP - C/W HARDWARE	1	
		WINTER AIR INTAKE INSTALLATION		
75	19176 x 33	TAPE SEALANT	1	
76	*57915	CLAMPING BAR	1	
77	*57916	HOOD	1	
78	36T-06	LOCKNUT	1	
79	*40839 x 33	TRIM	1	
		PRE-CLEANER INSTALLATION		
80	43332	PRE-CLEANER - 6"	1	740 thru 780A
	8601	PRE-CLEANER - 5"	1	710 thru 730A
81	62A-1006	SCREW	2	
		PRE-CLEANER INSTALLATION - EXHAUST ASPIRATED		
82	56110	PRE-CLEANER	1	740 thru 780A
	54629	PRE-CLEANER	1	720 thru 730A
83	53752 x 22	HOSE	1	720 thru 730A
	53752 x 24	HOSE	1	740 thru 780A
84	57320	STACK	1	740 thru 780A
	57321	STACK	1	720 thru 730A
85	57285	CLAMP	1	720 thru 730A
	57286	CLAMP	1	740 thru 780A
86	22A-163	CLAMP	2	



EFFECTIVE SERIAL NUMBER(S) 16224, 16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 8 PAGE 9
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION C

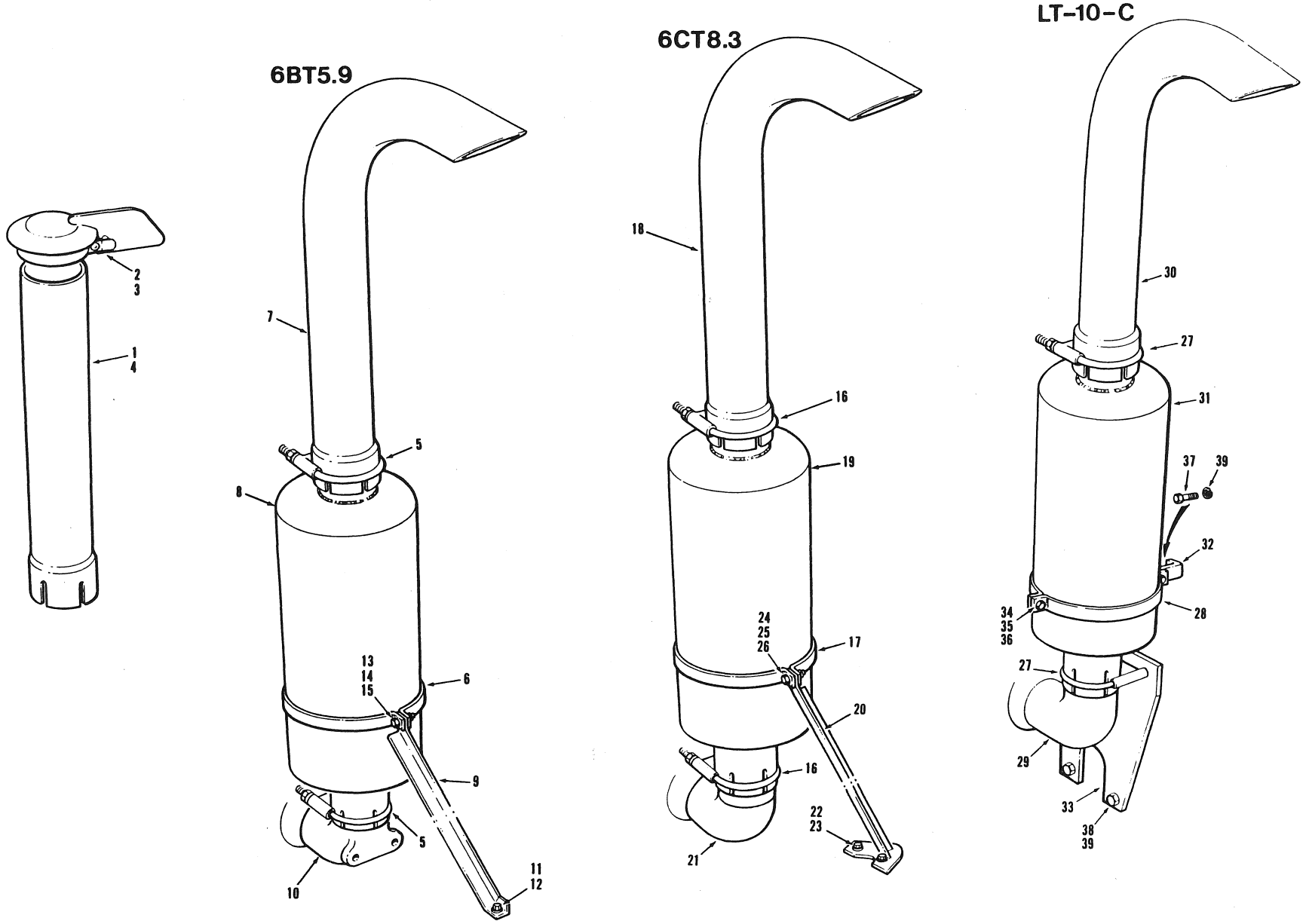
EXHAUST INSTALLATION

APRIL 1987

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		EXHAUST STACK & RAIN CAP INSTALLATION		OPTIONAL-ALL MODELS
1	23642	RAIN CAP	1	
2	40897	EXHAUST STACK	1	
		EXHAUST INSTALLATION - 6BT5.9		
3	9838	MUFFLER	1	
4	9840	CLAMP	1	
5	*14585	CLAMP	1	
6	35097	CLAMP	1	
7	40852	CLAMP	2	
8	*41780	BRACE	1	
9	*42710	EXHAUST STACK	1	
10		EXHAUST ELBOW	REF.	SEE ENGINE MANUAL
11	*45191	SLEEVE	1	
12	350A-08035	BOLT	3	
13	50A-0610	BOLT	2	
14	14A-06	LOCKWASHER	2	
15	30A-06	NUT	2	
		EXHAUST INSTALLATION - V-504-C		
16	9838	MUFFLER	1	
17	9840	CLAMP	1	
18	35097	CLAMP	1	
19	40668	EXHAUST PIPE - R.H.	1	
20	40669	EXHAUST PIPE - L.H.	1	
21	40671	CLAMP	4	
22	40905	BRACKET	1	
23	*40976	ADAPTER	1	
24	*42710	EXHAUST STACK	1	
25		EXHAUST ELBOW	REF.	SEE ENGINE MANUAL
26	14C-06	FLATWASHER	2	
		EXHAUST INSTALLATION - VT-504-C		
27	9838	MUFFLER	1	
28	9840	CLAMP	1	
29	35097	CLAMP	1	
30	40403	BRACKET	2	
31	40852	CLAMP	2	
32	*40868	BRACE	1	
33	*42710	EXHAUST STACK	1	
34		EXHAUST ELBOW	REF	SEE ENGINE. MANUAL
35	50A-0608	BOLT	1	
36	50A-0610	BOLT	2	
37	14A-06	LOCKWASHER	3	
38	30A-06	NUT	2	
		EXHAUST INSTALLATION - LT-10-C		
39	9838	MUFFLER	1	
40	9840	CLAMP	1	
41	35097	CLAMP	1	
42	40852	CLAMP	2	
43	40853	ANCHOR	1	
44	*42710	EXHAUST STACK	1	
45		EXHAUST ELBOW	REF.	SEE ENGINE MANUAL
46	*44906	BRACKET	1	
47	*50A-0612	BOLT	2	
48	14A-06	LOCKWASHER	2	
49	30A-06	NUT	2	
50	350A-10065	BOLT	1	
51	314A-10	LOCKWASHER	3	
52	350A-10160	BOLT	2	
		EXHAUST INSTALLATION 6CT8.3		SERIAL NO. 16806 & UP
53	9838	MUFFLER	1	
54	9840	CLAMP	1	
55	35097	SEAL CLAMP	1	
56	40852	MUFFLER CLAMP	2	
57	*42710	EXHAUST STACK	1	
58	41780	MUFFLER BRACE	1	
59		EXHAUST ELBOW	REF.	SEE ENGINE MANUAL
60	350A-10020	BOLT	1	
61	*314A-10	LOCKWASHER	1	
62	*50A-0612	BOLT	2	
63	14A-06	LOCKWASHER	2	
64	30A-06	NUT	2	

EFFECTIVE SERIAL NUMBER(S) 6BT5.9 - 19352 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S) 6CT8.3 - 19510 & UP
NUMERO(S) DE SERIE EFECTIVO(S) LT-10-C - 19513 & UP



ISSUE No.
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EXHAUST INSTALLATION

MARCH 1989

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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

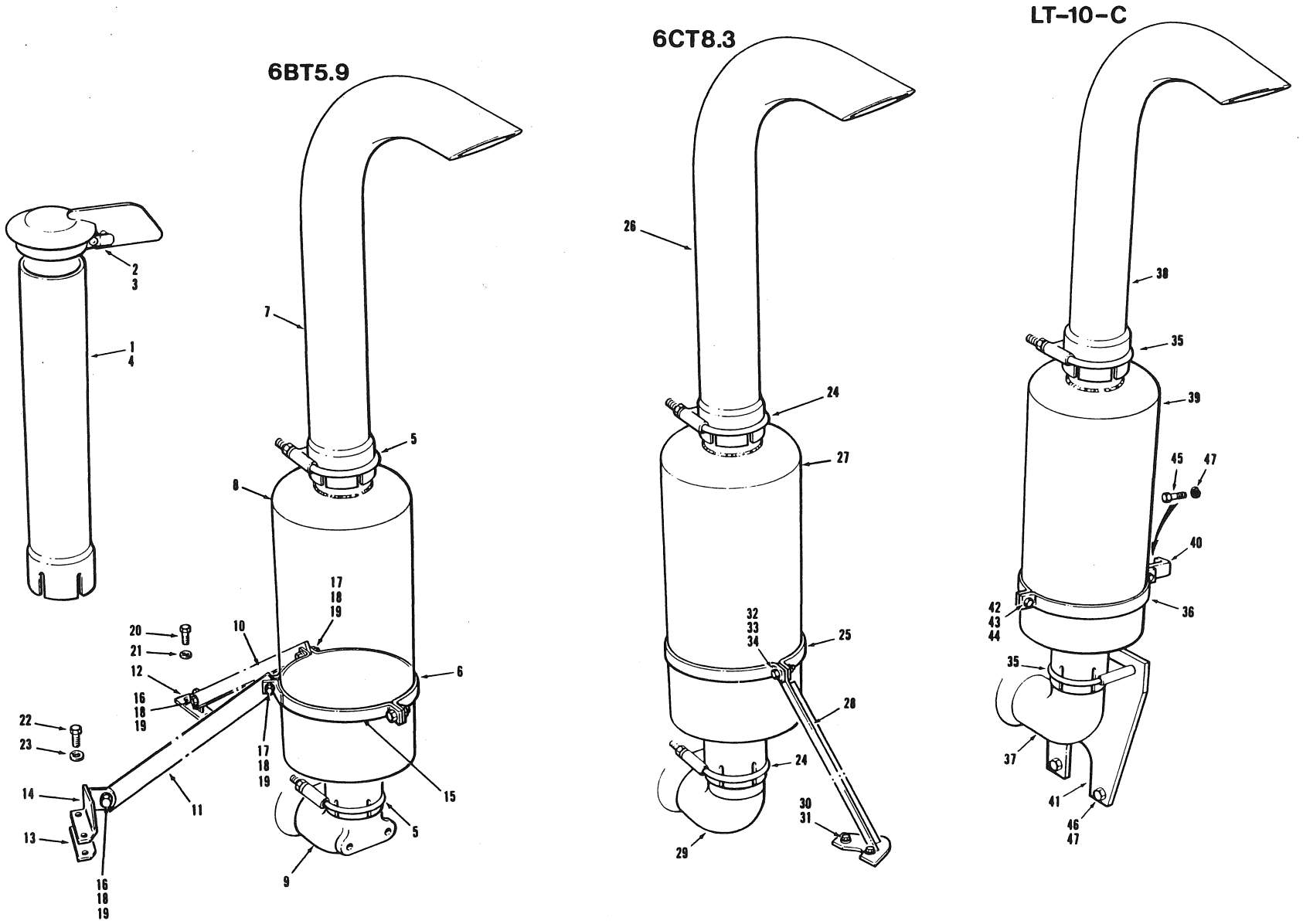
700 SERIES
SERIE 700

SECTION 8 PAGE 9
SECCION 8 PAGINA 9

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		EXHAUST STACK & RAIN CAP INSTALLATION		
1	*48639	EXHAUST STACK - 3"	1	MODELS
2	*48756	RAIN CAP - 3"	1	710/710A
3	23642	RAIN CAP - 4"	1	MODELS 720
4	*48637	EXHAUST STACK - 4"	1	THRU 780A
		EXHAUST INSTALLATION - 6BT5.9		S/N 19352
		MODELS 710/710A		& UP
5	*14585	CLAMP	2	
6	*40852	CLAMP	2	
7	*48638	EXHAUST STACK	1	
8	*48686	MUFFLER	1	
9	*49140	BRACE	1	
10	*51570	EXHAUST ELBOW	1	
11	*49334	BOLT	1	
12	*314A-10	LOCKWASHER	1	
13	50A-0612	BOLT	2	
14	14A-06	LOCKWASHER	2	
15	30A-06	NUT	2	
		EXHAUST INSTALLATION - 6CT8.3		S/N 19510
		MODELS 720 THRU 780A		& UP
16	9840	CLAMP	2	
17	*40852	CLAMP	2	
18	*48636	EXHAUST STACK	1	
19	*48687	MUFFLER	1	
20	*52061	BRACE	1	
21	*51571	EXHAUST ELBOW	1	
22	*350AA-10030	BOLT	2	
23	*314A-10	LOCKWASHER	2	
24	50A-0612	BOLT	2	
25	14A-06	LOCKWASHER	2	
26	30A-06	NUT	2	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		EXHAUST INSTALLATION - LT-10-C		S/N 19513
		MODELS 740 THRU 780A		& UP
27	9840	CLAMP	1	
28	40852	CLAMP	2	
29	*48068	EXHAUST ELBOW	1	
30	*48636	EXHAUST STACK	1	
31	*48687	MUFFLER	1	
32	*49144	ANCHOR	1	
33	*44906	BRACKET	1	
34	50A-0612	BOLT	2	
35	14A-06	LOCKWASHER	2	
36	30A-06	NUT	2	
37	350A-10065	BOLT	1	
38	350A-10160	BOLT	2	
39	314A-10	LOCKWASHER	3	

EFFECTIVE SERIAL NUMBER(S) 20287 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

EXHAUST INSTALLATION

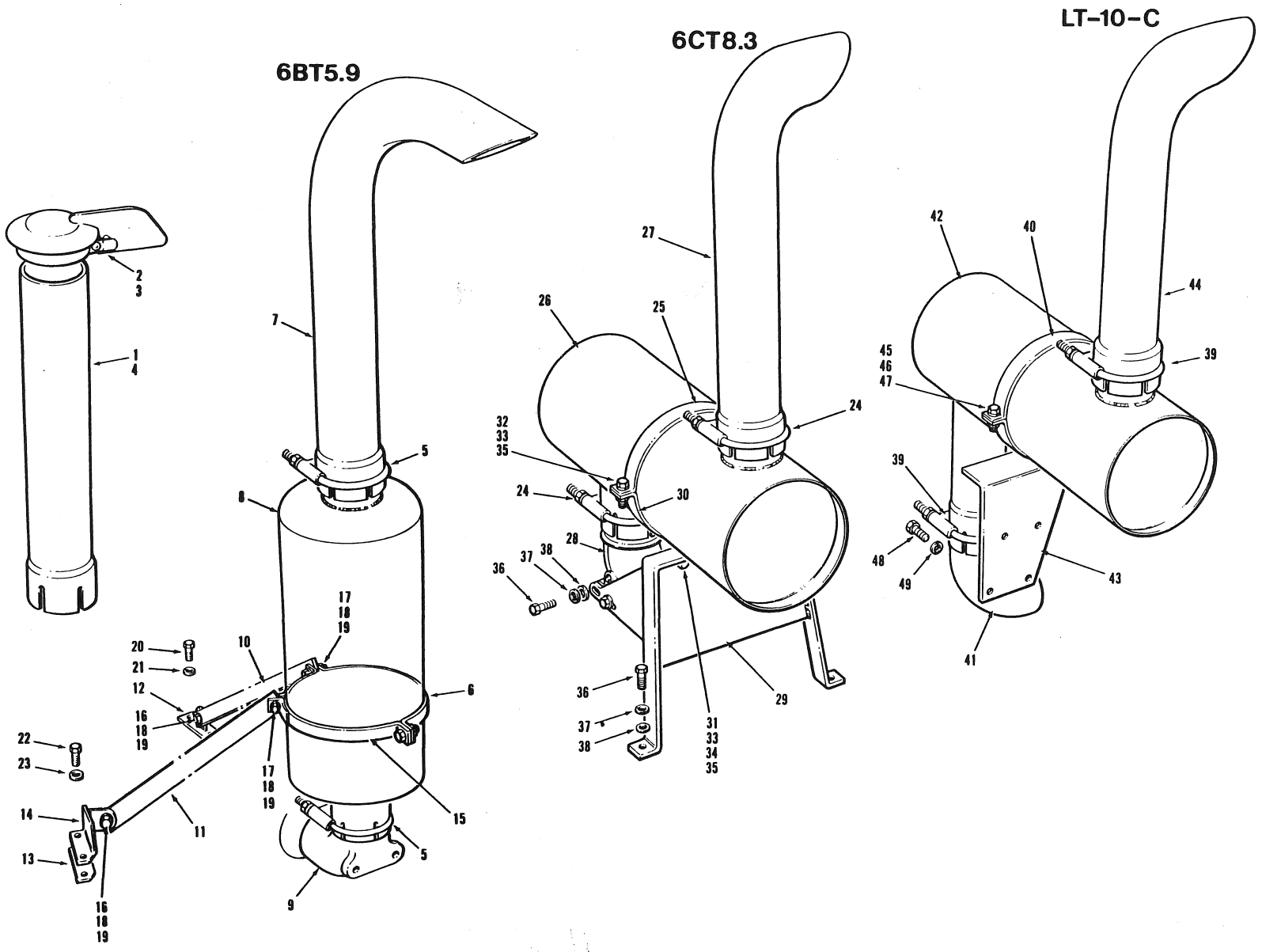
OCTOBER 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		EXHAUST STACK & RAIN CAP INSTALLATION		
1	48639	EXHAUST STACK - 3"	1	MODELS 710/710A
2	48756	RAIN CAP - 3"	1	
3	23642	RAIN CAP - 4"	1	MODELS 720 thru 780A
4	48637	EXHAUST STACK - 4"	1	
		EXHAUST INSTALLATION - 6BT5.9 MODELS 710/710A		
5	14585	CLAMP	2	
6	40852	CLAMP	2	
7	48638	EXHAUST STACK	1	
8	48686	MUFFLER	1	
9	51570	EXHAUST ELBOW	1	
10	*52958	BRACE - FRONT	1	
11	*52959	BRACKE - REAR	1	
12	*52962	SPACER BLOCK	1	
13	*52963	SHIM	1	
14	*52965	BRACKET	1	
15	*52967	CLAMP	1	
16	*50A-0608	BOLT	2	
17	50A-0612	BOLT	3	
18	*14A-06	LOCKWASHER	5	
19	30A-06	NUT	5	
20	*350AA-10035	BOLT	2	
21	314A-10	LOCKWASHER	2	
22	*350AA-12030	BOLT	2	
23	*314A-12	LOCKWASHER	2	
		EXHAUST INSTALLATION - 6CT8.3 MODELS 720 THRU 730A		
24	9840	CLAMP	2	
25	40852	CLAMP	2	
26	48636	EXHAUST STACK	1	
27	48687	MUFFLER	1	
28	52061	BRACE	1	
29	51571	EXHAUST ELBOW	1	
30	350AA-10030	BOLT	2	
31	314A-10	LOCKWASHER	2	
32	50A-0612	BOLT	2	
33	14A-06	LOCKWASHER	2	
34	30A-06	NUT	2	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		EXHAUST INSTALLATION - LT-10-C MODELS 740 THRU 780A		
35	9840	CLAMP	1	
36	40852	CLAMP	2	
37	48068	EXHAUST ELBOW	1	
38	48636	EXHAUST STACK	1	
39	48687	MUFFLER	1	
40	49144	ANCHOR	1	
41	44906	BRACKET	1	
42	50A-0612	BOLT	2	
43	14A-06	LOCKWASHER	2	
44	30A-06	NUT	2	
45	350A-10065	BOLT	1	
46	350A-10160	BOLT	2	
47	314A-10	LOCKWASHER	3	



ISSUE No.
Nº D'ÉMISSION
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EXHAUST INSTALLATION

DECEMBER 1989

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		EXHAUST STACK & RAIN CAP INSTALLATION		
1	*52790	EXHAUST STACK - 3"	1	MODELS 710/710A
2	48756	RAIN CAP - 3"	1	
3	23642	RAIN CAP - 4"	1	MODELS 720 thru 780A
4	*52788	EXHAUST STACK - 4"	1	
		EXHAUST INSTALLATION - 6BT5.9 MODELS 710/710A		
5	14585	CLAMP	2	
6	40852	CLAMP	2	
7	*52789	EXHAUST STACK	1	
8	48686	MUFFLER	1	
9	51570	EXHAUST ELBOW	1	
10	52958	BRACE - FRONT	1	
11	52959	BRACE - REAR	1	
12	52962	SPACER BLOCK	1	
13	52963	SHIM	1	
14	52965	BRACKET	1	
15	52967	CLAMP	1	
16	50A-0608	BOLT	2	
17	50A-0612	BOLT	3	
18	14A-06	LOCKWASHER	5	
19	30A-06	NUT	5	
20	350AA-10035	BOLT	2	
21	314A-10	LOCKWASHER	2	
22	350AA-12030	BOLT	2	
23	314A-12	LOCKWASHER	2	
		EXHAUST INSTALLATION - 6CT8.3 MODELS 720 THRU 730A		
24	9840	CLAMP	2	
25	40852	CLAMP	2	
26	*52445	MUFFLER	1	
27	*52787	EXHAUST STACK	1	
28	*51571	EXHAUST ELBOW	1	
29	*55199	BRACKET	1	
30	*55203	CLAMP	4	
31	*50A-0608	BOLT	2	
32	*50A-0612	BOLT	2	
33	14A-06	LOCKWASHER	4	
34	*14C-06	FLATWASHER	4	
35	*30A-06	NUT	4	
36	350A-10030	BOLT	4	
37	*314A-10	LOCKWASHER	4	
38	*314C-10	FLATWASHER	2	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		EXHAUST INSTALLATION - LT-10-C MODELS 740 THRU 780A		
39	*9840	CLAMP	1	
40	*40852	CLAMP	2	
41	*48068	EXHAUST ELBOW	1	
42	*52419	MUFFLER	1	
43	*52754	BRACKET	1	
44	*52787	EXHAUST STACK	1	
45	*50A-0612	BOLT	2	
46	*14A-06	LOCKWASHER	2	
47	*30A-06	NUT	2	
48	*350A-10065	BOLT	4	
49	*314A-10	LOCKWASHER	4	

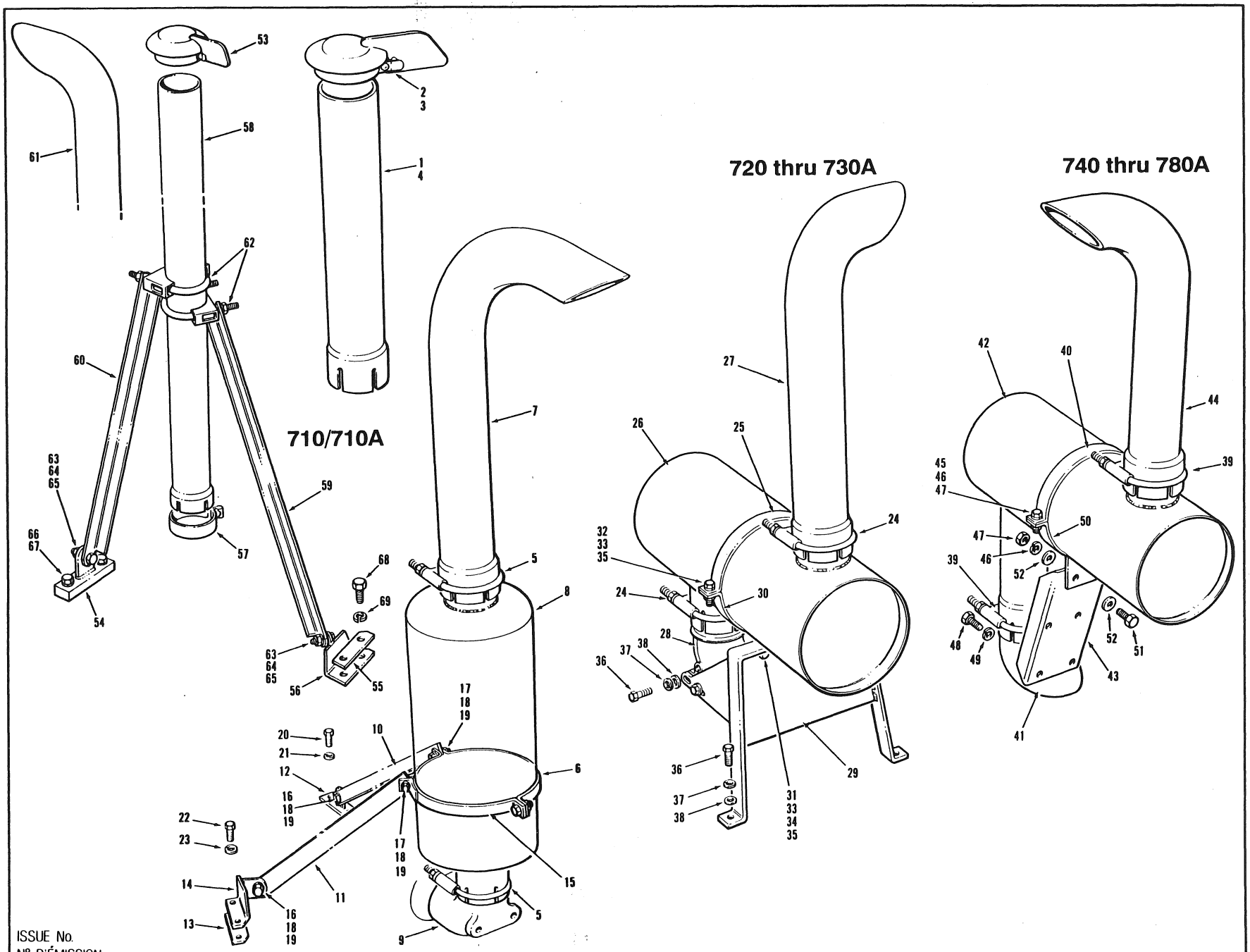
EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20719 to 21331
EXCLUDING 20731

700 SERIES
SERIE 700

SECTION 8 PAGE 9
SECCION 8 PAGINA 9

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5 REVISION A

EXHAUST INSTALLATION

FEBRUARY 1991

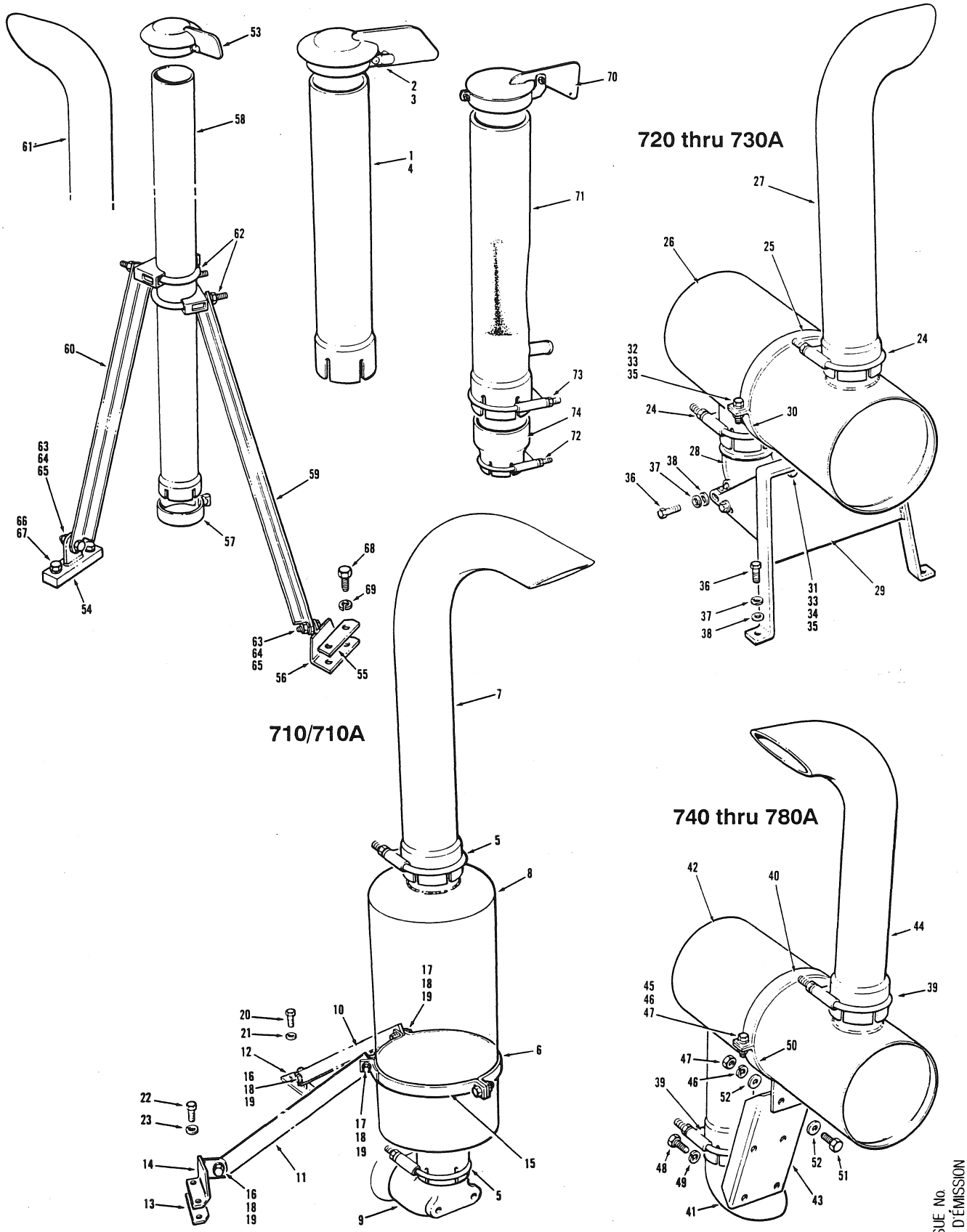
FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

EXHAUST INSTALLATION

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		EXHAUST STACK & RAIN CAP INSTALLATION		
1	52790	EXHAUST STACK - 3"	1	710/710A
2	48756	RAIN CAP - 3"	1	710/710A
3	23642	RAIN CAP - 4"	1	720 thru 780A
4	52788	EXHAUST STACK - 4"	1	720 thru 780A
		MUFFLER INSTALLATION		710/710A
5	57283	CLAMP	2	
6	40852	CLAMP	2	
7	52789	EXHAUST STACK	1	
8	48686	MUFFLER	1	
9	51570	EXHAUST ELBOW	1	
10	52958	BRACE - FRONT	1	
11	52959	BRACE - REAR	1	
12	52962	SPACER BLOCK	1	
13	52963	SHIM	1	
14	52965	BRACKET	1	
15	52967	CLAMP	1	
16	50A-0608	BOLT	2	
17	50A-0612	BOLT	3	
18	14A-06	LOCKWASHER	5	
19	30A-06	NUT	5	
20	350A-10035	BOLT	2	
21	314A-10	LOCKWASHER	2	
22	350A-12030	BOLT	2	
23	314A-12	LOCKWASHER	2	
		MUFFLER INSTALLATION		720 thru 730A
24	57284	CLAMP	2	
25	40852	CLAMP	1	
26	*57514	MUFFLER	1	
27	52787	EXHAUST STACK	1	
28	51571	EXHAUST ELBOW	1	
29	55199	BRACKET	1	
30	55203	CLAMP	1	
31	50A-0608	BOLT	2	
32	50A-0612	BOLT	2	
33	14A-06	LOCKWASHER	4	
34	14C-06	FLATWASHER	4	
35	30A-06	NUT	4	
36	350A-10030	BOLT	4	
37	314A-10	LOCKWASHER	4	
38	314C-10	FLATWASHER	2	

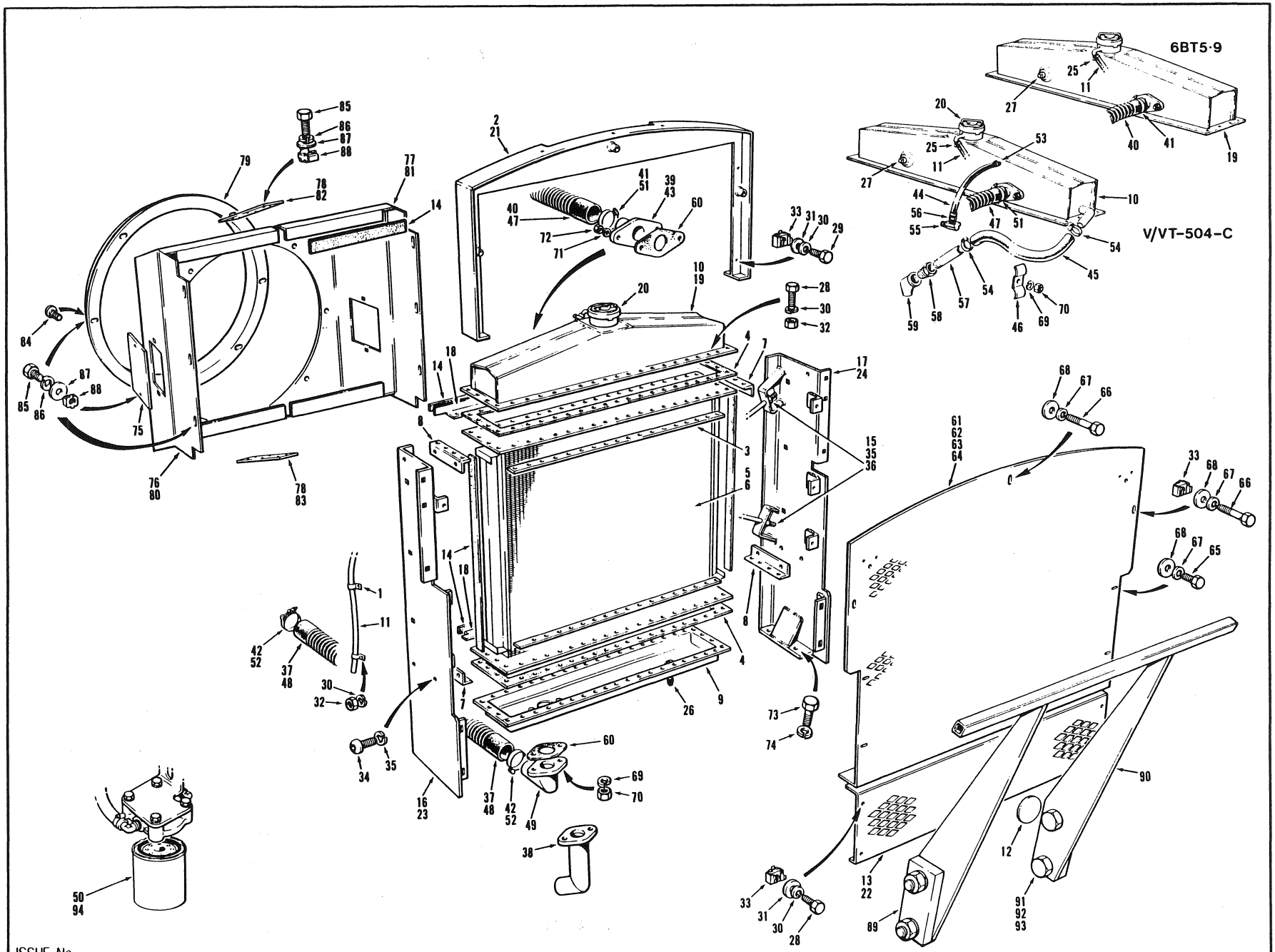
No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		MUFFLER INSTALLATION		740 thru 780A
39	57284	CLAMP	2	
40	40852	CLAMP	1	
41	48068	EXHAUST ELBOW	1	
42	*57513	MUFFLER	1	
43	56036	BRACKET	1	
44	52787	EXHAUST STACK	1	
45	50A-0612	BOLT	2	
46	14A-06	LOCKWASHER	4	
47	30A-06	NUT	4	
48	350A-10065	BOLT	4	
49	314A-10	LOCKWASHER	4	
50	55203	CLAMP	1	
51	50A-0608	BOLT	2	
52	14C-06	FLATWASHER	4	
		EXHAUST STACK INSTALLATION		710/710A
53	48756	RAIN CAP	1	
54	52962	SPACER BLOCK	1	
55	52963	SHIM	1	
56	52965	BRACKET	1	
57	57283	CLAMP	1	
58	57303	EXHAUST STACK - STRAIGHT	1	
59	57332	BRACE - FRONT	1	
60	57333	BRACE - REAR	1	
61	57334	EXHAUST STACK - CURVED	1	
62	57342	CLAMP	2	
63	50A-0608	BOLT	2	
64	14A-06	LOCKWASHER	2	
65	30A-06	NUT	2	
66	350A-10035	BOLT	2	
67	314A-10	LOCKWASHER	2	
68	350A-12030	BOLT	2	
69	314A-12	LOCKWASHER	2	



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
21332 & UP

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		EXHAUST STACK & RAIN CAP INSTALLATION		
1	57774	EXHAUST STACK - 3"	1	710/710A
2	48756	RAIN CAP - 3"	1	710/710A
3	23642	RAIN CAP - 4"	1	720 thru 780A
4	52788	EXHAUST STACK - 4"	1	720 thru 780A
		MUFFLER INSTALLATION		710/710A
5	57283	CLAMP	2	
6	40852	CLAMP	2	
7	57773	EXHAUST STACK	1	
8	57678	MUFFLER	1	
9	51570	EXHAUST ELBOW	1	
10	52958	BRACE - FRONT	1	
11	52959	BRACE - REAR	1	
12	52962	SPACER BLOCK	1	
13	52963	SHIM	1	
14	52965	BRACKET	1	
15	52967	CLAMP	1	
16	50A-0608	BOLT	2	
17	50A-0612	BOLT	3	
18	14A-06	LOCKWASHER	5	
19	30A-06	NUT	5	
20	350A-10035	BOLT	2	
21	314A-10	LOCKWASHER	2	
22	350A-12030	BOLT	2	
23	314A-12	LOCKWASHER	2	
		MUFFLER INSTALLATION		720 thru 730A
24	57284	CLAMP	2	
25	40852	CLAMP	1	
26	57514	MUFFLER	1	
27	52787	EXHAUST STACK	1	
28	51571	EXHAUST ELBOW	1	
29	55199	BRACKET	1	
30	55203	CLAMP	1	
31	50A-0608	BOLT	2	
32	50A-0612	BOLT	2	
33	14A-06	LOCKWASHER	4	
34	14C-06	FLATWASHER	2	
35	30A-06	NUT	4	
36	350A-10030	BOLT	4	
37	314A-10	LOCKWASHER	4	
38	314C-10	FLATWASHER	4	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		MUFFLER INSTALLATION		740 thru 780A
39	57284	CLAMP	2	
40	40852	CLAMP	1	
41	48068	EXHAUST ELBOW	1	
42	57513	MUFFLER	1	
43	56036	BRACKET	1	
44	52787	EXHAUST STACK	1	
45	50A-0612	BOLT	2	
46	14A-06	LOCKWASHER	4	
47	30A-06	NUT	4	
48	350A-10065	BOLT	4	
49	314A-10	LOCKWASHER	4	
50	55203	CLAMP	1	
51	50A-0608	BOLT	2	
52	14C-06	FLATWASHER	4	
		EXHAUST STACK INSTALLATION		710/710A
53	48756	RAIN CAP	1	
54	52962	SPACER BLOCK	1	
55	52963	SHIM	1	
56	52965	BRACKET	1	
57	57283	CLAMP	1	
58	57303	EXHAUST STACK - STRAIGHT	1	
59	57332	BRACE - FRONT	1	
60	57333	BRACE - REAR	1	
61	57334	EXHAUST STACK - CURVED	1	
62	57342	CLAMP	2	
63	50A-0608	BOLT	2	
64	14A-06	LOCKWASHER	2	
65	30A-06	NUT	2	
66	350A-10035	BOLT	2	
67	314A-10	LOCKWASHER	2	
68	350A-12030	BOLT	2	
69	314A-12	LOCKWASHER	2	
		EXHAUST STACK INSTALLATION - EXHAUST ASPIRATED PRE-CLEANER		720 thru 780A
70	*55098	RAIN CAP	1	
71	*56109	EJECTOR STACK	1	
72	*57284	CLAMP	1	
73	*57285	CLAMP	1	
74	*57783	REDUCER	1	
		NOTE: SEE 8-7-6A FOR AIR INTAKE PARTS		



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION B

RADIATOR INSTALLATION - MODEL 710 THRU 730A

APRIL 1987

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224, 16245 TO 16805
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S 2021-2 TO 2401-2

700 SERIES
SERIE 700

SECTION 8 PAGE 11
SECCION 8 PAGINA 11

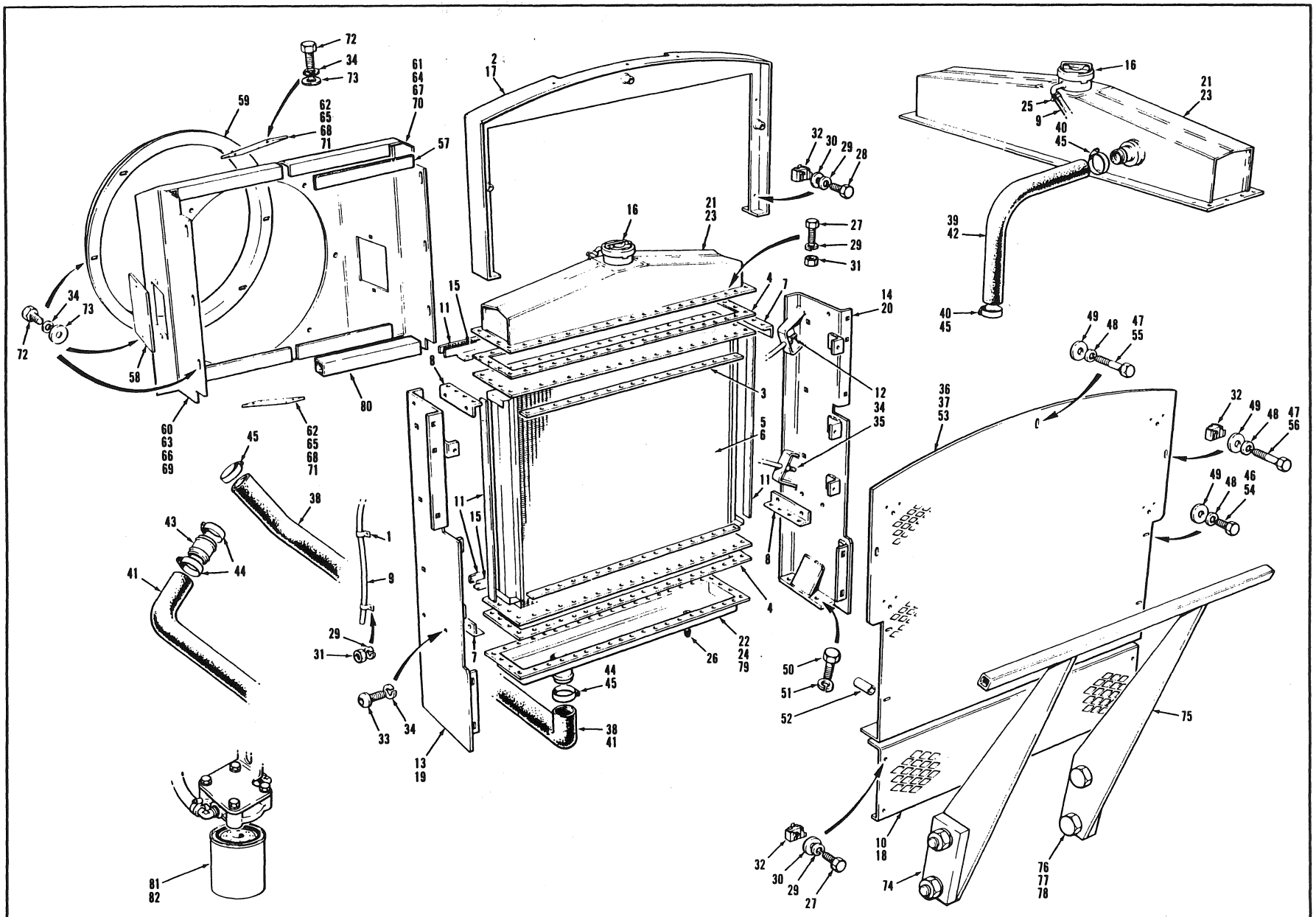
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

SECTION 8 SECCION | PAGE 12 PAGINA | ISSUE No. N° D'ÉMISSION N° DE EDICION 1 REVISION B

RADIATOR ASSEMBLY - MODEL 710 THRU 730A

APRIL 1987

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
	40038	RADIATOR ASSEMBLY - INCLUDES ITEMS 1 TO 4, 6 TO 18, 20 & 25 TO 36	1	V/VT-504-C
	40264	RADIATOR ASSEMBLY - INCLUDES ITEMS 1 TO 5, 7 TO 9, 11 TO 20 & 25 TO 36	1	6BT5.9
	41007	RADIATOR ASSEMBLY - A.W.D. - INCLUDES ITEMS 1, 3 TO 5, 7 TO 9, 11, 12, 14, 15, & 18 TO 36	1	6BT5.9 A.W.D.
	41016	RADIATOR ASSEMBLY - A.W.D. - INCLUDES ITEMS 1, 3, 4, 6 TO 12, 14, 15, 18 & 20 TO 36	1	V/VT-504-C A.W.D.
1	1776	CLAMP	2	
2	12331	HOOD SUPPORT	1	
3	17636	BAR	2	
4	17664	GASKET	2	
5	23348	CORE - 4 ROW	1	6BT5.9
6	23350	CORE - 6 ROW	1	V/VT-504-C
7	26120	ANGLE - UPPER R.H. & LOWER L.H.	2	
8	26121	ANGLE - LOWER R.H. & UPPER L.H.	2	
9	27013	TANK - LOWER	1	
10	27427	TANK - TOP	1	V/VT-504-C
11	27429 X 35	HOSE	1	
12	28030	PLUG	1	
13	28033	COVER	1	
14	28344	TAPE SEALANT	A.R.	
15	35559	ROD	2	
16	40039	SIDE MEMBER L.H.	1	
17	40040	SIDE MEMBER R.H.	1	
18	40041	ANGLE	2	
19	40266	TANK - TOP	1	6BT5.9
20	40827	RADIATOR CAP	1	
21	30570	HOOD SUPPORT	1	A.W.D.
22	30607	COVER	1	
23	41008	SIDE MEMBER - L.H.	1	
24	41009	SIDE MEMBER - R.H.	1	
25	22B-08	CLAMP	1	
26	115E-04	PLUG	1	
27	115E-12	PLUG	1	
28	50A-0508zI	BOLT	100	
29	50A-0516zI	BOLT	3	
30	14A-05zI	LOCKWASHER	A.R.	
31	14C-05zI	FLATWASHER	A.R.	
32	30A-05zI	NUT	A.R.	
33	38A-0503zI	CAGE NUT	A.R.	
34	50F-0608	CAPSCREW	8	
35	14A-06	LOCKWASHER	12	
36	30A-06	NUT	4	
		RADIATOR INSTALLATION		
37	16132 X 30	HOSE - LOWER	1	6BT5.9
38	40870	FITTING - LOWER	1	
39	40871	FITTING - UPPER	1	
40	40873 X 36	HOSE - UPPER	2	
41	22A-212	CLAMP	2	
42	22A-238	CLAMP	2	
43	7207	FITTING - UPPER	1	V/VT-504-C
44	9480 X 56	HOSE	1	
45	19857 X 49	HOSE	1	
46	24787	CLAMP	1	
47	25205 X 40	HOSE - UPPER	1	
48	32717 X 34	HOSE - LOWER	1	
49	32751	FITTING - LOWER	1	
50	*45674	COOLANT CONDITIONING FILTER	1	
51	22A-238	CLAMP	2	V/VT-504-C
52	22A-256	CLAMP	2	
53	22B-08	CLAMP	1	
54	22B-16	CLAMP	2	
55	100J-0606	CONNECTOR	1	
56	106D-0606	CONNECTOR	1	
57	115AA-1205	NIPPLE	1	
58	115B-1612	REDUCER	1	
59	115H-16	ELBOW	1	
60	24297	GASKET	2	
61	28034	GRILLE	1	UP TO SER. No. 16468 U.S. 2219-2
62	30571	GRILLE - A.W.D.	1	
63	40877	GRILLE	1	SERIAL No. 16471 & UP U.S. No. 2220-2 & UP
64	40880	GRILLE - A.W.D.	1	
65	50A-0508zI	BOLT	4	
66	50A-0516zI	BOLT	3	
67	14A-05zI	LOCKWASHER	7	
68	14C-05zI	FLATWASHER	7	
69	14A-06	LOCKWASHER	3	
70	30A-06	NUT	3	
71	14A-07	LOCKWASHER	2	
72	30A-07	NUT	2	
73	50A-0808	BOLT	2	
74	14A-08	LOCKWASHER	2	
		FAN SHROUD ASSEMBLY	2	
75	33413	COVER	1	
76	40201	SHROUD - L.H.	1	
77	40202	SHROUD - R.H.	2	
78	40203	COUPLING STRIP	1	
79	40204	RING	1	
80	41011	SHROUD - L.H.	1	A.W.D.
81	41012	SHROUD - R.H.	1	
82	41013	COUPLING STRIP - TOP	1	
83	41014	COUPLING STRIP - BOTTOM	1	
84	50F-0606	BOLT	1	
85	50A-0606	BOLT	A.R.	
86	14A-06	LOCKWASHER	A.R.	
87	14C-06	FLATWASHER	A.R.	
88	38A-0602	CAGE NUT	A.R.	
		RADIATOR GUARD INSTALLATION	2	OPTIONAL
89	12984	LUG	1	
90	35239	GUARD	4	
91	50A-2036	BOLT	4	
92	14A-20	LOCKWASHER	4	
93	30A-20	NUT		
94	34654	COOLANT PRE-CHARGE FILTER SHOULD BE USED ONLY WHERE THE COOLING SYSTEM HAS BEEN FLUSHED AND FILLED WITH NEW COOLANT.	1	



EFFECTIVE SERIAL NUMBER(S) 16806 TO 17727
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2402-2 TO 2624-2

700 SERIES
SERIE 700

SECTION 8 PAGE 11
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

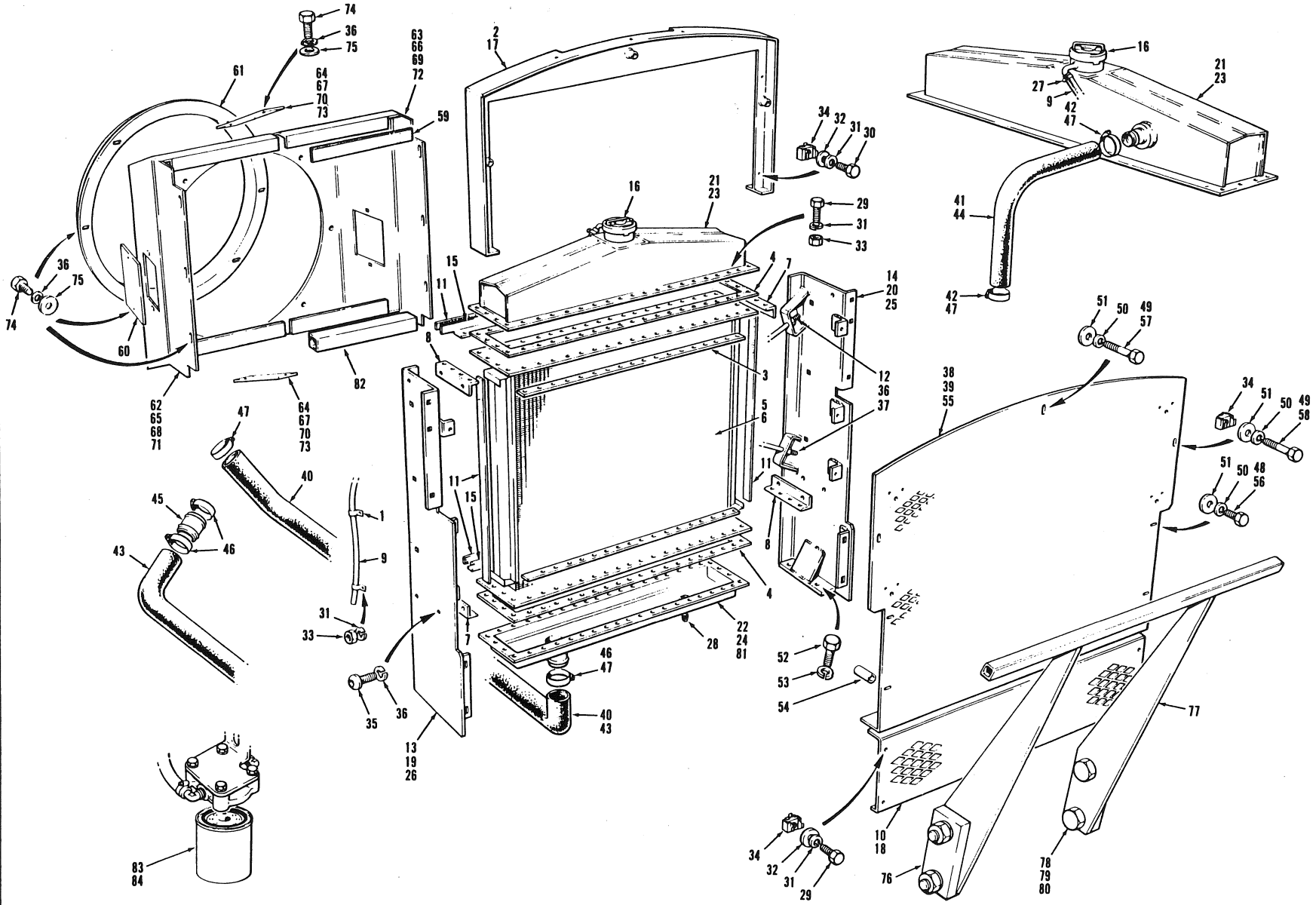
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION A

RADIATOR ASSEMBLY - MODELS 710 THRU 730A

APRIL 1987

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	40891	RADIATOR ASSEMBLY - INCLUDES ITEMS 1 TO 4 6 TO 16 & 23 TO 35	1	6CT8.3
	41740	RADIATOR ASSEMBLY - INCLUDES ITEMS 1 TO 5 7 TO 16,21,22 & 25 TO 35	1	6BT5.9
	41768	RADIATOR ASSEMBLY - INCLUDES ITEMS 1,3 TO 5, 7 TO 9,11,12, 15 TO 22 & 25 TO 35	1	6BT5.9 A.W.D.
	41776	RADIATOR ASSEMBLY - INCLUDES ITEMS 1,3,4, 6 TO 9,11,12, 15 TO 20 & 23 TO 35	1	6CT8.3 A.W.D.
1	1776	CLAMP	2	
2	12331	HOOD SUPPORT	1	
3	17636	BAR	2	
4	17664	GASKET	2	
5	23348	CORE - 4 ROW	1	6BT5.9
6	23350	CORE - 6 ROW	1	6CT8.3
7	26120	ANGLE - UPPER R.H. & LOWER L.H.	2	
8	26121	ANGLE - LOWER R.H. & UPPER L.H.	2	
9	27429 X 35	HOSE	1	
10	*43539	COVER	1	
11	28344 X 27.5	TAPE SEALANT - 27.5 INCHES LONG	1	
12	35559	ROD	2	
13	40039	SIDE MEMBER - L.H.	1	
14	40040	SIDE MEMBER - R.H.	1	
15	40041	ANGLE	2	
16	40827	RADIATOR CAP	1	
17	30570	HOOD SUPPORT	1	
18	30607	COVER	1	A.W.D.
19	41008	SIDE MEMBER - L.H.	1	
20	41009	SIDE MEMBER - R.H.	1	
21	41741	TANK - TOP	1	6BT5.9
22	41742	TANK - LOWER	1	
23	41781	TANK - TOP	1	6CT8.3
24	41782	TANK - LOWER	1	
25	*22B-06	CLAMP	1	
26	115E-04	PLUG	1	
27	50A-0508zl	BOLT	100	
28	50A-0516zl	BOLT	3	
29	14A-05zl	LOCKWASHER	94	
30	14C-05zl	FLATWASHER	A.R.	
31	*30A-05	NUT	94	
32	*38A-0503	CAGE NUT	4	
33	50F-0608	BOLT	8	
34	14A-06	LOCKWASHER	12	
35	30A-06	NUT	4	
		RADIATOR INSTALLATION		
36	40877	GRILLE	1	
37	40880	GRILLE	1	A.W.D.
38	41702	HOSE - LOWER	1	
39	41703	HOSE - UPPER	1	6BT5.9
40	22A-212	CLAMP	2	
41	41704	HOSE - LOWER	1	
42	41705	HOSE - UPPER	1	
43	41767	HOSE - JOINER	1	6CT8.3
44	22A-238	CLAMP	3	
45	22A-256	CLAMP	2	
46	50A-0508zl	BOLT	4	
47	50A-0516zl	BOLT	3	
48	14A-05zl	LOCKWASHER	7	
49	14C-05zl	FLATWASHER	7	
50	50A-0812	BOLT	4	
51	14A-08	LOCKWASHER	4	
		A.W.D. WITH AIR CONDITIONER		
52	*45017	SPACER	7	
53	*45047	GRILL	1	
54	*50A-0524zl	BOLT	4	
55	*50A-0526zl	BOLT	1	
56	*50A-0532zl	BOLT	2	
		FAN SHROUD ASSEMBLY		
57	28344 X 132	TAPE SEALANT - 132 INCHES LONG	1	
58	33413	COVER	2	
59	40204	RING	1	
60	40893	SHROUD - L.H.	1	
61	40894	SHROUD - R.H.	1	6CT8.3
62	40895	COUPLING STRIP	2	
63	41674	SHROUD - L.H.	1	
64	41675	SHROUD - R.H.	1	6CT8.3 A.W.D.
65	41677	COUPLING STRIP	2	
66	41587	SHROUD - L.H.	1	
67	41588	SHROUD - R.H.	1	6BT5.9
68	41589	COUPLING STRIP	2	
69	41592	SHROUD - L.H.	1	
70	41593	SHROUD - R.H.	1	6BT5.9 A.W.D.
71	41589	COUPLING STRIP	2	
72	*50A-0608	BOLT	10	
73	14C-06	FLATWASHER	10	
		RADIATOR GUARD INSTALLATION		OPTIONAL
74	12984	LUG	2	REPAIR PART
75	35239	GUARD	1	
76	50A-2036	BOLT	4	
77	14A-20	LOCKWASHER	4	
78	30A-20	NUT	4	
		TROPICAL PROTECTION PACKAGE - OPTIONAL		
	44811	RADIATOR ASSEMBLY - INCLUDES ITEMS 1 TO 4 6 TO 16 & 23,25 TO 35, 79 & 80	1	6CT8.3
79	41735	TANK - LOWER	1	
80	44847	FILLER TUBE	4	
		COOLANT FILTERS		
81	45674	COOLANT CONDITIONING FILTER	1	720 THRU 730A
82	34654	COOLANT PRE-CHARGE FILTER. USE ONLY WHERE THE COOLING SYSTEM HAS BEEN FLUSHED AND FILLED WITH NEW COOLANT.	1	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3 REVISION D

RADIATOR INSTALLATION - MODELS 710 THRU 730A

APRIL 1991

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 17728 to 19981, 19983, 19986 to
NUMERO(S) DE SÉRIE EFFECTIF(S) 19995, 19997 to 20004, 20006 to
NUMERO(S) DE SERIE EFECTIVO(S) 20026, 20233 to 20264, 20376 to
U.S. 2652-2 to 2658-2 20382

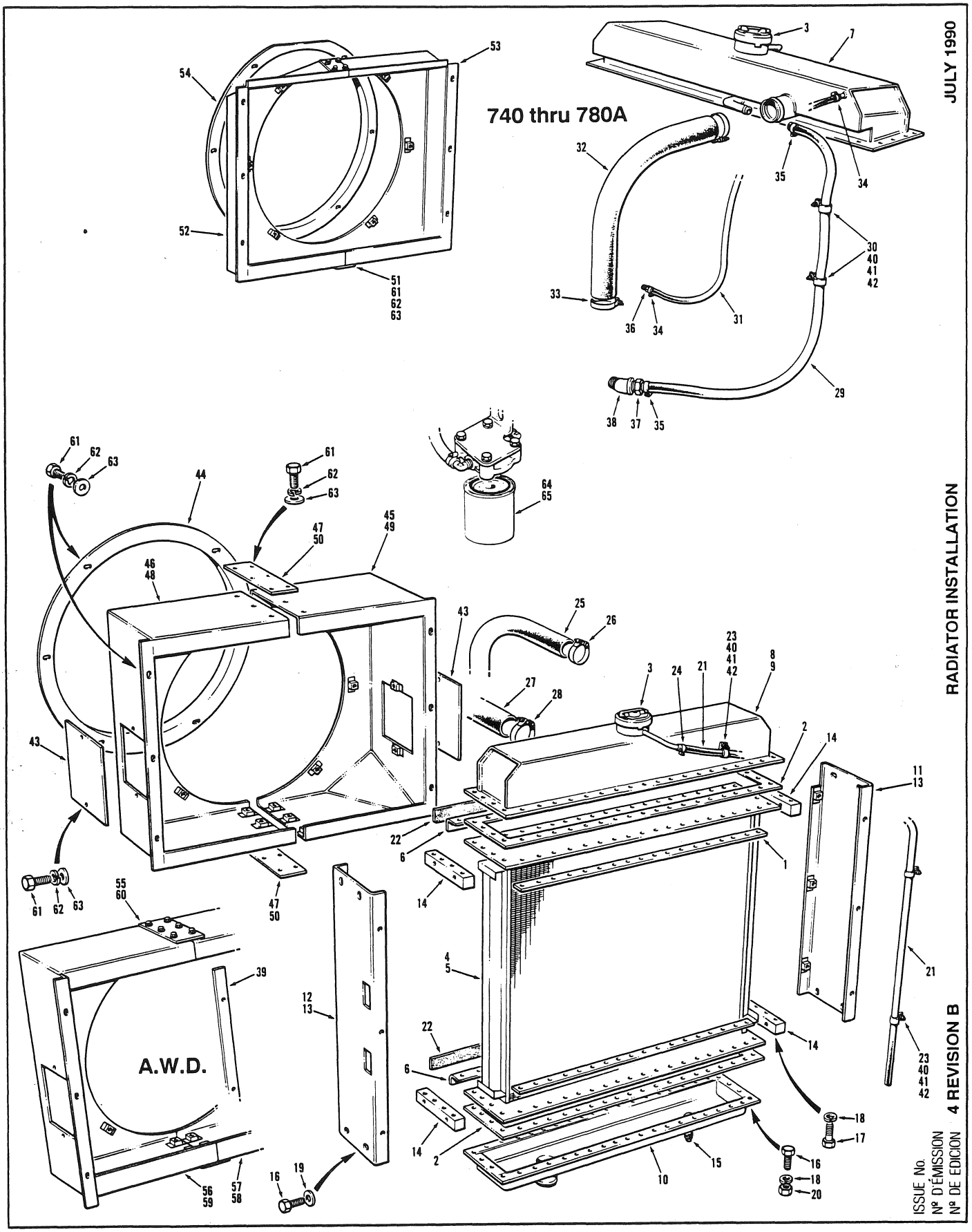
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

SECTION / SECCION 8 | PAGE / PAGINA 12 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 3 REVISION D

RADIATOR INSTALLATION - MODELS 710 THRU 730A

APRIL 1991

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	40891	RADIATOR ASSEMBLY - INCLUDES ITEMS 1 TO 4 6 TO 16 & 23, 24, 27 TO 37	1	730/730A
	41768	RADIATOR ASSEMBLY - INCLUDES ITEMS 1, 3 TO 5, 7 TO 9, 11, 12, 15 TO 22 & 27 TO 37	1	710/710A A.W.D.
	41776	RADIATOR ASSEMBLY - INCLUDES ITEMS 1, 3, 4 6 TO 9, 11, 12, 15 TO 20 & 23, 24, 27 TO 37	1	720 thru 730A A.W.D.
	45127	RADIATOR ASSEMBLY - INCLUDES ITEMS 1 TO 4 6 TO 12, 15, 16 & 23 TO 37	1	720/720A
	45129	RADIATOR ASSEMBLY - INCLUDES ITEMS 1 TO 5 7 TO 12, 15, 16, 21, 22, 25, 26 TO 37	1	710/710A
1	1776	CLAMP	2	
2	12331	HOOD SUPPORT	1	
3	17636	BAR	2	
4	17664	GASKET	2	
5	51171	CORE - 3 ROW	1	710/710A S/N 19718 & UP
5	23348	CORE - 4 ROW - UP TO S/N 19717	1	710/710A
6	51172	CORE - 5 ROW	1	720 thru 730A S/N 19588 & UP
	23350	CORE - 6 ROW - UP TO S/N 19587	1	720 thru 730A
7	26120	ANGLE - UPPER R.H. & LOWER L.H.	2	
8	26121	ANGLE - LOWER R.H. & UPPER L.H.	2	
9	27429 x 35	HOSE	1	
10	43539	COVER	1	
11	28344 x 27.5	TAPE SEALANT - 27.5" LONG	1	
12	35559	ROD	2	
13	40039	SIDE MEMBER - L.H.	1	730/730A
14	40040	SIDE MEMBER - R.H.	1	
15	40041	ANGLE	2	
16	40827	RADIATOR CAP	1	
17	30570	HOOD SUPPORT	1	
18	30607	COVER	1	
19	41008	SIDE MEMBER - L.H.	1	A.W.D.
20	41009	SIDE MEMBER - R.H.	1	
21	41741	TANK - TOP	1	710/710A
22	41742	TANK - LOWER	1	
23	41781	TANK - TOP	1	720 thru 730A
24	41782	TANK - LOWER	1	
25	45112	SIDE MEMBER - R.H.	1	710 thru 720A
26	45113	SIDE MEMBER - L.H.	1	
27	22D-06	CLAMP	1	
28	115E-04	PLUG	1	
29	50A-0506zl	BOLT	88	
30	50A-0516zl	BOLT	3	
31	14A-05zl	LOCKWASHER	94	
32	14C-05zl	FLATWASHER	94	
33	30A-05	NUT	94	
34	38A-0503	CAGE NUT	4	
35	50F-0608	BOLT	8	
36	14A-06	LOCKWASHER	32	
37	30A-06	NUT	4	
		RADIATOR INSTALLATION		
38	40877	GILLE	1	
39	40880	GRILLE	1	A.W.D.
40	41702	HOSE - LOWER	1	
41	41703	HOSE - UPPER	1	710/710A
42	22A-212	CLAMP	2	
43	41704	HOSE - LOWER	1	
44	41705	HOSE - UPPER	1	720 thru 730A
45	41767	HOSE - JOINER	1	
46	22A-238	CLAMP	3	720 thru 730A
47	22A-256	CLAMP	2	
48	50A-0510zl	BOLT	4	
49	50A-0516zl	BOLT	3	
50	14A-05zl	LOCKWASHER	7	
51	14C-05zl	FLATWASHER	7	
52	50A-0812	BOLT	4	
53	14A-08	LOCKWASHER	4	
		A.W.D. WITH AIR CONDITIONER		
54	45017	SPACER	7	
55	45047	GRILLE	1	
56	50A-0524zl	BOLT	4	
57	50A-0526zl	BOLT	1	
58	50A-0532zl	BOLT	2	
		FAN SHROUD ASSEMBLY		
59	28344 x 132	TAPE SEALANT - 132" LONG	1	
60	33413	COVER	2	
61	45071	RING	1	
62	40893	SHROUD - L.H.	1	
63	40894	SHROUD - R.H.	1	720 thru 730A
64	40895	COUPLING STRIP	2	
65	45108	SHROUD - L.H.	1	
66	45109	SHROUD - R.H.	1	720 thru 730A
67	41677	COUPLING STRIP	2	A.W.D.
68	41587	SHROUD - L.H.	1	
69	41588	SHROUD - R.H.	1	710/710A
70	41589	COUPLING STRIP	2	
71	45124	SHROUD - L.H.	1	
72	45125	SHROUD - R.H.	1	710/710A
73	41589	COUPLING STRIP	2	A.W.D.
74	50A-0608	BOLT	10	
75	14C-06	FLATWASHER	10	
		RADIATOR GUARD INSTALLATION - OPTIONAL		
76	12984	LUG	2	REPAIR PART
77	35239	GUARD	1	
78	50A-2036	BOLT	4	
79	14A-20	LOCKWASHER	4	
80	30A-20	NUT	4	
		TROPICAL PROTECTION PACKAGE - OPTIONAL		S/N 17581 & UP
	44811	RADIATOR ASSEMBLY - INCLUDES ITEMS 1 TO 4 6 TO 16 & 23, 25 TO 35, 79 & 80	1	720 thru 730A
81	41735	TANK - LOWER	1	
82	44847	FILLER TUBE	4	
		COOLANT FILTERS		
83	45674	COOLANT CONDITIONING FILTER	1	720 thru
84	34654	COOLANT PRE-CHARGE FILTER. USE ONLY WHERE THE COOLING SYSTEM HAS BEEN FLUSHED AND FILLED WITH NEW COOLANT.	1	730A



CHAMPION ROAD MACHINERY

JULY 1990

RADIATOR INSTALLATION

4 REVISION B

ISSUE No.
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Nº DE EDICION

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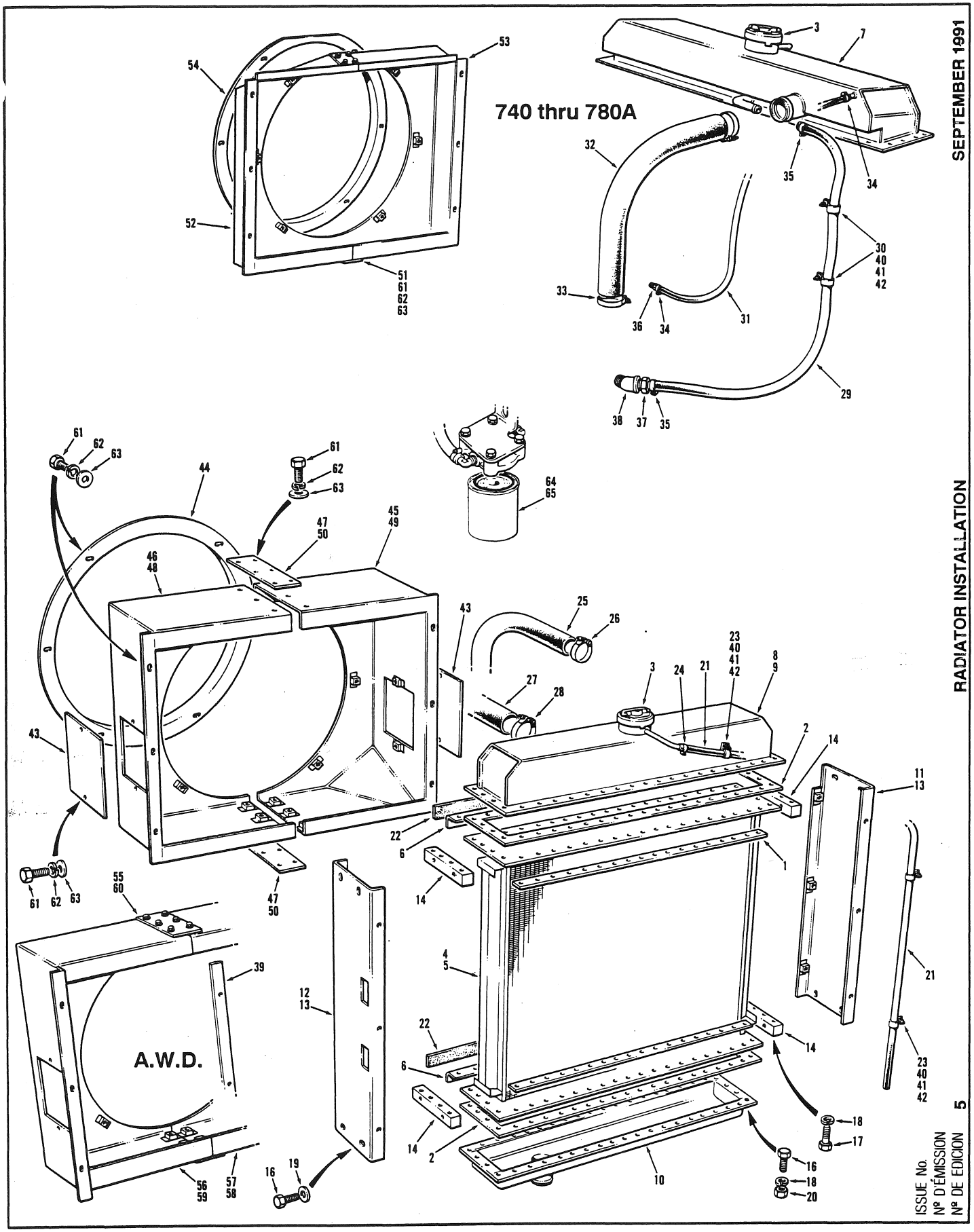
EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

19982, 19984,19985,19996,
20005, 20227 to 20232,
20265 to 20375, 20383 & UP

700 SERIES
SERIE 700

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		RADIATOR ASSEMBLY		
	52562	RADIATOR ASSEMBLY - INCLUDES ITEMS 1 TO 4, 6, 8, 10 & 13 TO 20	1	710/710A
	52563	RADIATOR ASSEMBLY - INCLUDES ITEMS 1 TO 4, 6, 8, 10 TO 12 & 14 TO 20	1	710/710A c/w A.W.D.
	52564	RADIATOR ASSEMBLY - INCLUDES ITEMS 1 TO 3, 5, 6, 9, 10 & 13 TO 20	1	720 thru 730A
	52565	RADIATOR ASSEMBLY - INCLUDES ITEMS 1 TO 3, 5, 6, 9 TO 12 & 14 TO 20	1	720 thru 730A c/w A.W.D.
	52566	RADIATOR ASSEMBLY - INCLUDES ITEMS 1 TO 3, 5 TO 7, 10 & 13 TO 20	1	740 thru 780A
1	17636	BAR	2	
2	17664	GASKET	2	
3	40827	RADIATOR CAP	1	
4	51171	RADIATOR CORE - 3 ROW	1	710/710A
5	51172	RADIATOR CORE - 5 ROW	1	720 thru 780A
6	52610	ANGLE	2	
7	*55339	TANK - TOP	1	740 thru 780A
8	52824	TANK - TOP	1	710/710A
9	52825	TANK - TOP	1	720 thru 730A
10	52843	TANK - LOWER	1	
11	52943	SIDE MEMBER - R.H.	1	A.W.D.
12	52944	SIDE MEMBER - L.H.	1	A.W.D.
13	52989	SIDE MEMBER	2	
14	53003	MOUNTING BAR	4	
15	115E-04	PLUG	1	
16	50A-0508zi	BOLT	80	
17	50A-0510zi	BOLT	16	
18	14A-05zi	LOCKWASHER	88	
19	14C-05zi	NUT	72	
20	30A-05	NUT	72	
		RADIATOR INSTALLATION		
21	27429 x 70	HOSE	1	
22	28344 x 35	TAPE SEALANT	2	
23	*32317	CLAMP	3	
24	22D-06	CLAMP	1	
25	41703	HOSE - UPPER	1	710 & 710A
26	22A-212	CLAMP	2	
27	41705	HOSE - UPPER	1	720 thru 730A
28	22A-256	CLAMP	2	
	NOTE:	SEE OIL COOLER INSTALLATION 6-17-3 FOR LOWER RAD HOSE		

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
29	9313 x 51	HOSE	1	
30	*32319	CLAMP	2	
31	52807 x 35	HOSE	1	
32	52850	HOSE - UPPER	1	
33	*22A-282	CLAMP	2	740 thru 780A
34	22B-06	CLAMP	2	
35	22B-12	CLAMP	2	
36	106A-0402	CONNECTOR	1	
37	108D-1216	CONNECTOR	1	
38	115H-16	ELBOW	1	
39	52929	SPACER - OIL COOLER	2	A.W.D.
40	14A-06	LOCKWASHER	5	
41	14C-06	FLATWASHER	5	
42	30A-06	NUT	5	
		FAN SHROUD INSTALLATION		
43	33413	COVER	2	710 thru 730A
44	40204	RING	1	
45	52637	SHROUD - R.H.	1	710/710A
46	*57275	SHROUD - L.H.	1	
47	52645	COUPLING STRIP	2	
48	*57304	SHROUD - L.H.	1	720 thru 730A
49	*57300	SHROUD - R.H.	1	
50	52636	COUPLING STRIP	2	
51	40045	COUPLING STRIP	2	740 thru 780A
52	56029	SHROUD - L.H.	1	
53	56024	SHROUD - R.H.	1	
54	52796	RING	1	
55	52636	COUPLING STRIP	2	710/710A & A.W.D.
56	56041	SHROUD - L.H.	1	
57	56042	SHROUD - R.H.	1	
58	56037	SHROUD - R.H.	1	720 thru 730A
59	56038	SHROUD - L.H.	1	
60	52938	COUPLING STRIP	1	A.W.D.
61	50A-0608	BOLT	22	
62	14A-06	LOCKWASHER	22	
63	14C-06	FLATWASHER	22	
64	45674	COOLANT CONDITIONING FILTER	1	
65	34654	COOLANT PRE-CHARGE FILTER - USE ONLY WHERE THE COOLING SYSTEM IS FLUSHED AND FILLED WITH NEW COOLLANT	1	
	NOTE:	SEE 10-9 FOR FAN GUARD INSTALLATIONS		



CHAMPION RC MACHINERY

SEPTEMBER 1991

RADIATOR INSTALLATION

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ISSUE No. 5
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EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

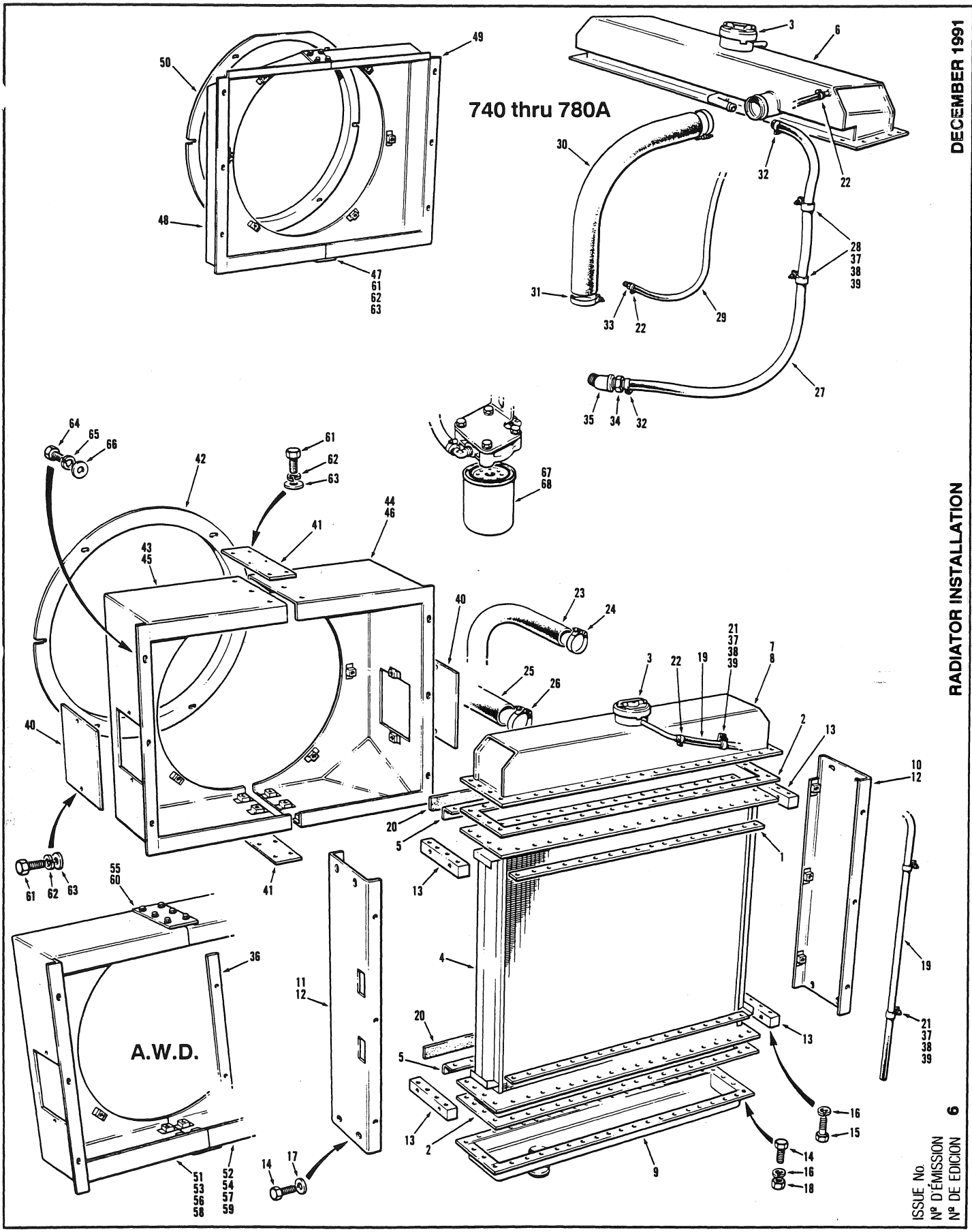
21754 & UP
EXCEPT 21785, 21797, 21801, 21805, 21809, 21813 & 21818

700 SERIES
SERIE 700

RADIATOR INSTALLATION

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		RADIATOR ASSEMBLY		
	52562	**RADIATOR ASSEMBLY** - INCLUDES ITEMS 1 TO 4, 6, 8, 10 & 13 TO 20	1	710/710A
	52563	**RADIATOR ASSEMBLY** - INCLUDES ITEMS 1 TO 4, 6, 8, 10 TO 12 & 14 TO 20	1	710/710A c/w A.W.D.
	52564	**RADIATOR ASSEMBLY** - INCLUDES ITEMS 1 TO 3, 5, 6, 9, 10 & 13 TO 20	1	720 thru 730A
	52565	**RADIATOR ASSEMBLY** - INCLUDES ITEMS 1 TO 3, 5, 6, 9 TO 12 & 14 TO 20	1	720 thru 730A c/w A.W.D.
	52566	**RADIATOR ASSEMBLY** - INCLUDES ITEMS 1 TO 3, 5 TO 7, 10 & 13 TO 20	1	740 thru 780A
1	17636	BAR	2	
2	17664	GASKET	2	
3	40827	RADIATOR CAP	1	
4	51171	RADIATOR CORE - 3 ROW	1	710/710A
5	51172	RADIATOR CORE - 5 ROW	1	720 thru 780A
6	52610	ANGLE	2	
7	55339	TANK - TOP	1	740 thru 780A
8	52824	TANK - TOP	1	710/710A
9	52825	TANK - TOP	1	720 thru 730A
10	*65044	TANK - LOWER	1	
11	52943	SIDE MEMBER - R.H.	1	A.W.D.
12	52944	SIDE MEMBER - L.H.	1	A.W.D.
13	52989	SIDE MEMBER	2	
14	53003	MOUNTING BAR	4	
16	50A-0508zi	BOLT	80	
17	50A-0510zi	BOLT	16	
18	14A-05zi	LOCKWASHER	88	
19	14C-05zi	NUT	72	
20	30A-05	NUT	72	
		RADIATOR INSTALLATION		
21	27429 x 70	HOSE	1	
22	28344 x 35	TAPE SEALANT	2	
23	32317	CLAMP	4	
24	22D-06	CLAMP	1	
25	41703	HOSE - UPPER	1	710
26	22A-212	CLAMP	2	& 710A
27	41705	HOSE - UPPER	1	720
28	22A-256	CLAMP	2	thru 730A
	NOTE:	SEE OIL COOLER INSTALLATION 6-17-3 FOR LOWER RAD HOSE		

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
29	9313 x 51	HOSE	1	
30	32319	CLAMP	2	
31	52807 x 35	HOSE	1	
32	52850	HOSE - UPPER	1	
33	22A-282	CLAMP	2	740
34	22B-06	CLAMP	2	thru 780A
35	22B-12	CLAMP	2	
36	106A-0402	CONNECTOR	1	
37	108D-1216	CONNECTOR	1	
38	115H-16	ELBOW	1	
39	52929	SPACER - OIL COOLER	2	A.W.D.
40	14A-06	LOCKWASHER	5	
41	14C-06	FLATWASHER	5	
42	30A-06	NUT	5	
		FAN SHROUD INSTALLATION		
43	33413	COVER	2	710
44	40204	RING	1	thru 730A
45	52637	SHROUD - R.H.	1	
46	57275	SHROUD - L.H.	1	710/710A
47	52645	COUPLING STRIP	2	
48	57304	SHROUD - L.H.	1	720
49	57300	SHROUD - R.H.	1	thru 730A
50	52636	COUPLING STRIP	2	
51	40045	COUPLING STRIP	2	
52	56029	SHROUD - L.H.	1	740
53	56024	SHROUD - R.H.	1	thru 780A
54	52796	RING	1	
55	52636	COUPLING STRIP	2	710/710A
56	56041	SHROUD - L.H.	1	&
57	56042	SHROUD - R.H.	1	A.W.D.
58	56037	SHROUD - R.H.	1	720
59	56038	SHROUD - L.H.	1	thru 730A
60	52938	COUPLING STRIP	1	A.W.D.
61	50A-0608	BOLT	22	
62	14A-06	LOCKWASHER	22	
63	14C-06	FLATWASHER	22	
64	45674	COOLANT CONDITIONING FILTER	1	
65	34654	COOLANT PRE-CHARGE FILTER - USE ONLY WHERE THE COOLING SYSTEM IS FLUSHED AND FILLED WITH NEW COOLLANT	1	
	NOTE:	SEE 10-9 FOR FAN GUARD INSTALLATIONS		



RADIATOR INSTALLATION

DECEMBER 1991

CHAMPION R. MACHINERY

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NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21911 & UP

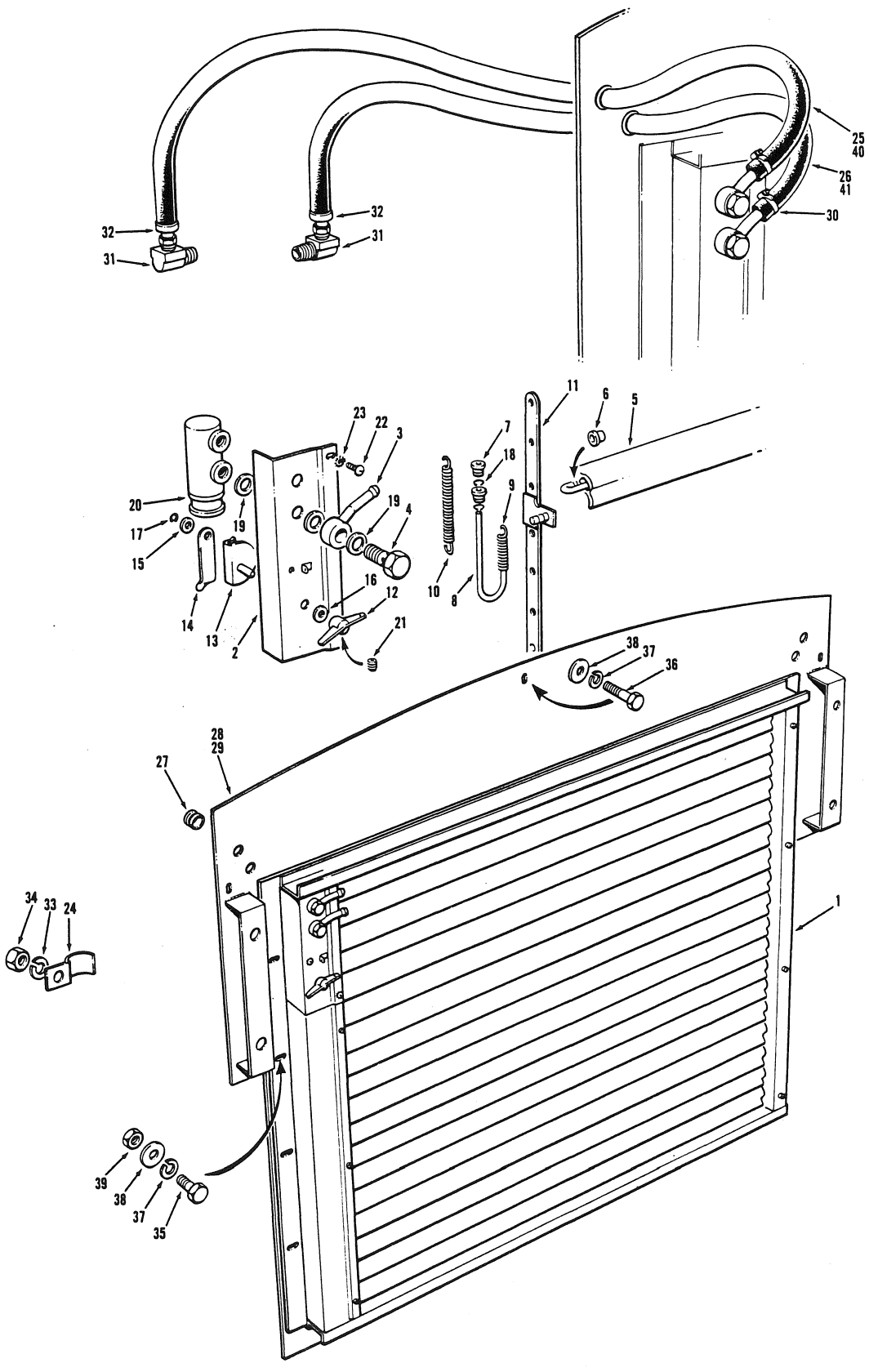
700 SERIES
SERIE 700

SECTION 8 PAGE 11
SECCION PAGINA

RADIATOR INSTALLATION

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		RADIATOR ASSEMBLY		
	*56091	**RADIATOR ASSEMBLY** - INCLUDES ITEMS 1 TO 5, 7, 9 & 12 TO 18	1	710/710A
	*65180	**RADIATOR ASSEMBLY** - INCLUDES ITEMS 1 TO 5, 7, 9 TO 11 & 13 TO 18	1	710/710A c/w A.W.D.
	52564	**RADIATOR ASSEMBLY** - INCLUDES ITEMS 1 TO 5, 8, 9 & 12 TO 18	1	720 thru 730A
	52565	**RADIATOR ASSEMBLY** - INCLUDES ITEMS 1 TO 5, 8 TO 11 & 13 TO 18	1	720 thru 730A c/w A.W.D.
	52566	**RADIATOR ASSEMBLY** - INCLUDES ITEMS 1 TO 6, 5 TO 7, 10 & 13 TO 20	1	740 thru 780A
1	17636	BAR	2	
2	17664	GASKET	2	
3	40827	RADIATOR CAP	1	
4	51172	RADIATOR CORE - 5 ROW	1	720 thru 780A
5	52610	ANGLE	2	
6	55339	TANK - TOP	1	740 thru 780A
7	52824	TANK - TOP	1	710/710A
8	52825	TANK - TOP	1	720 thru 730A
9	65044	TANK - LOWER	1	
10	52943	SIDE MEMBER - R.H.	1	A.W.D.
11	52944	SIDE MEMBER - L.H.	1	A.W.D.
12	52989	SIDE MEMBER	2	
13	53003	MOUNTING BAR	4	
14	50A-0508zl	BOLT	80	
15	50A-0510zl	BOLT	16	
16	14A-05zl	LOCKWASHER	88	
17	14C-05zl	FLATWASHER	8	
18	30A-05	NUT	72	
		RADIATOR INSTALLATION		
19	27429 x 70	HOSE	1	
20	28344 x 35	TAPE SEALANT	2	
			4	A.W.D.
21	32317	CLAMP	4	
22	*22D-04	CLAMP	1	710 thru 730A
			3	740 thru 780A
23	41703	HOSE - UPPER	1	710/710A
24	22A-212	CLAMP	2	710/710A
25	41705	HOSE - UPPER	1	720 thru 730A
26	22A-256	CLAMP	2	720 thru 730A
	NOTE:	SEE OIL COOLER INSTALLATION 6-17-3 FOR LOWER RAD HOSE		
27	9313 x 51	HOSE	1	740 thru 780A
28	32319	CLAMP	2	
29	52807 x 35	HOSE	1	
30	52850	HOSE - UPPER	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
31	22A-282	CLAMP	2	740 thru 780A
32	22B-12	CLAMP	2	
33	106A-0402	CONNECTOR	1	
34	108D-1216	CONNECTOR	1	
35	115H-16	ELBOW	1	
36	52929	SPACER - OIL COOLER	2	A.W.D.
37	14A-06	LOCKWASHER	5	
38	14C-06	FLATWASHER	5	
39	30A-06	NUT	5	
		FAN SHROUD INSTALLATION		
40	33413	COVER	2	710 thru 730A
41	*52636	COUPLING STRIP	2	
42	*57619	RING	1	
43	*56720	SHROUD - L.H.	1	710 thru 730A
44	*57624	SHROUD - R.H.	1	
45	*57628	SHROUD - L.H.	1	720 thru 730A
46	*56730	SHROUD - R.H.	1	
47	40045	COUPLING STRIP	2	740 thru 780A
48	*57698	SHROUD - L.H.	1	
49	*57699	SHROUD - R.H.	1	
50	*57695	RING	1	
51	*57615	SHROUD - L.H.- BLOWER FAN	1	710/710A c/w A.W.D.
52	*57611	SHROUD - R.H. - BLOWER FAN	1	
53	*57642	SHROUD - L.H. - SUCKER FAN	1	
54	*57646	SHROUD - R.H. SUCKER FAN	1	
55	*65465	COUPLING STRIP	2	
56	*57571	SHROUD - L.H. - BLOWER FAN	1	720 thru 730A c/w A.W.D.
57	*57570	SHROUD - R.H. BLOWER FAN	1	
58	*57654	SHROUD - L.H. - SUCKER FAN	1	
59	*57655	SHROUD - R.H. SUCKER FAN	1	
60	*65452	COUPLING STRIP	2	
61	*50A-0508	BOLT	16	710 thru 730A
			12	740 thru 780A
62	*14A-05	LOCKWASHER	16	710 thru 730A
			12	740 thru 780A
63	*14C-05	FLATWASHER	16	710 thru 730A
			12	740 thru 780A
64	50A-0608	BOLT	6	
65	14A-06	LOCKWASHER	6	
66	14C-06	FLATWASHER	6	
67	45674	COOLANT CONDITIONING FILTER	1	
	34654	COOLANT PRE-CHARGE FILTER - USE ONLY WHERE THE COOLING SYSTEM IS FLUSHED AND FILLED WITH NEW COOLANT	1	
	NOTE:	SEE 10-9 FOR FAN GUARD INSTALLATIONS		



JANUARY 1991

RADIATOR SHUTTER

ISSUE No.
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FOR LIST OF PARTS - TURN THIS PAGE
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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16223, 16245 TO 19336
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

U.S. 2021-2 TO 2658-2

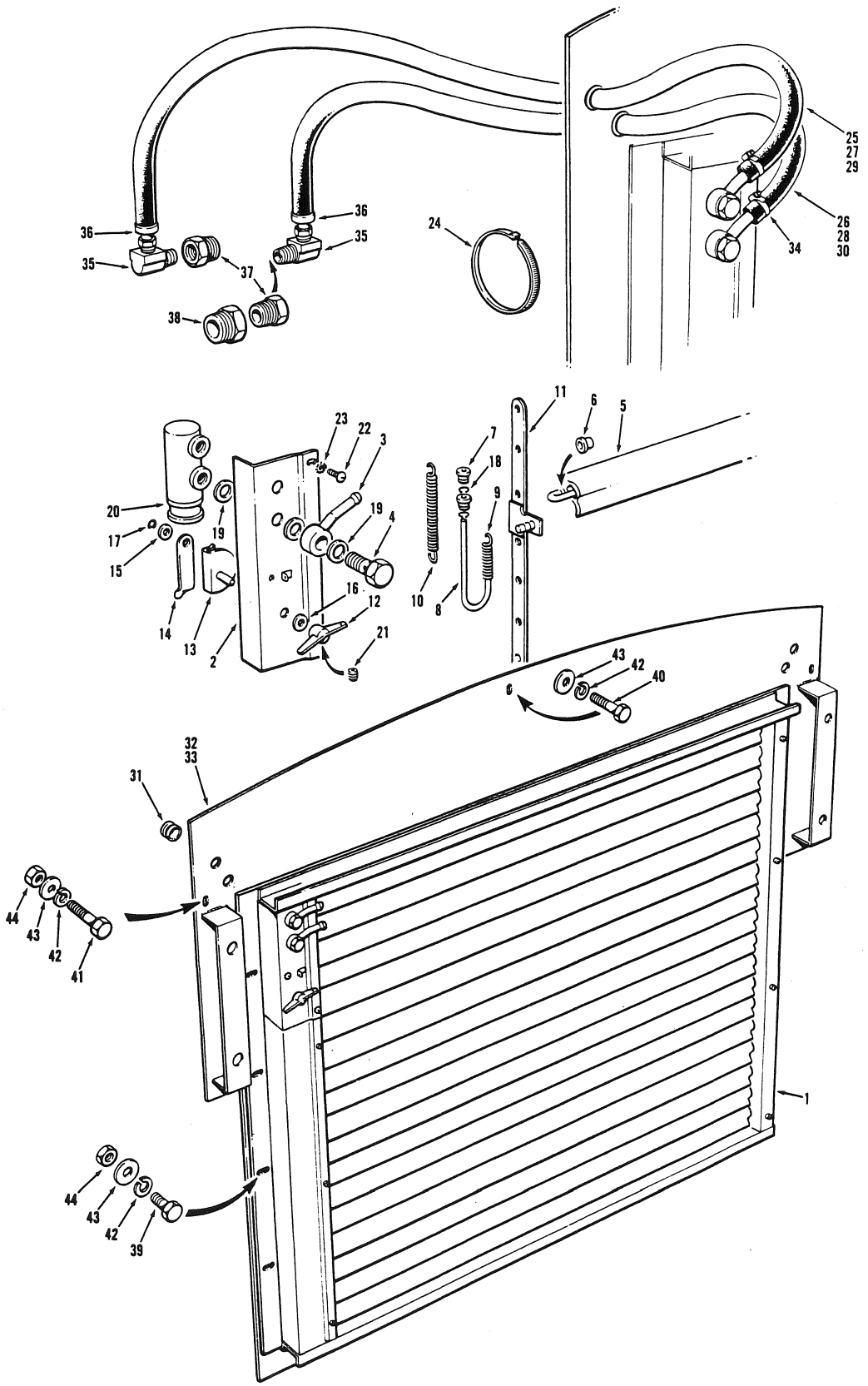
FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

RADIATOR SHUTTER

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	23898	SHUTTER ASSEMBLY - INCLUDES ITEMS 1 TO 23		
1	24427	FRAME ASSY.	1	
2	24428	THERMOSTAT COVER	1	
3	24429	CONNECTOR	2	
4	24431	BOLT - SPECIAL	2	
5	24432	VANE ASSY.	18	
6	24433	BUSHING	54	
7	24434	BUSHING	2	
8	24435	DRIVE ROD	1	
9	24436	SPRING	1	
10	24437	SPRING	1	
11	24438	TIE BAR	1	
	*24439	MANUAL CONTROL - C/W ITEMS 12 TO 17	1	
12	24440	KNOB	1	
13	24441	CAM	1	
14	24446	LATCH	1	
15	24447	FLATWASHER	1	
16	24448	FLATWASHER	1	
17	24450	RETAINING RING	1	
18	24451	RETAINING RING	1	
19	24455	GASKET	6	
20	25383	SEALED THERMOSTAT - 170°	1	
21	72E-1004	SET SCREW	1	
22	52L-1004	SCREW	3	
23	14H-10	STARWASHER	3	

SHUTTER INSTALLATION

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
24	1776	CLAMP	3	
25	9480 X 76	HOSE	1	
26	9480 X 92	HOSE	1	
27	14713	GROMMET	2	
28	40834	RADIATOR GRILLE	1	A.W.D.
29	40836	RADIATOR GRILLE	1	
30	22D-06	CLAMP	2	
31	100J-0604	ELBOW	2	
32	106D-0606	HOSE END	2	
33	14A-04	LOCKWASHER	3	
34	30A-04	NUT	3	
35	50A-0508	BOLT	12	
36	50A-0516	BOLT	3	
37	14A-05	LOCKWASHER	15	
38	14C-05	FLATWASHER	15	
39	30A-05	NUT	8	
40	9480 X 67	HOSE	1	A.W.D. ONLY
41	9480 X 74	HOSE	1	



JANUARY 1991

RADIATOR SHUTTER

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ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION A

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

19337 TO 19981, 19983, 19986
19986 TO 19995, 19997 TO 20004,
20006 TO 20226, 20233 TO 20264

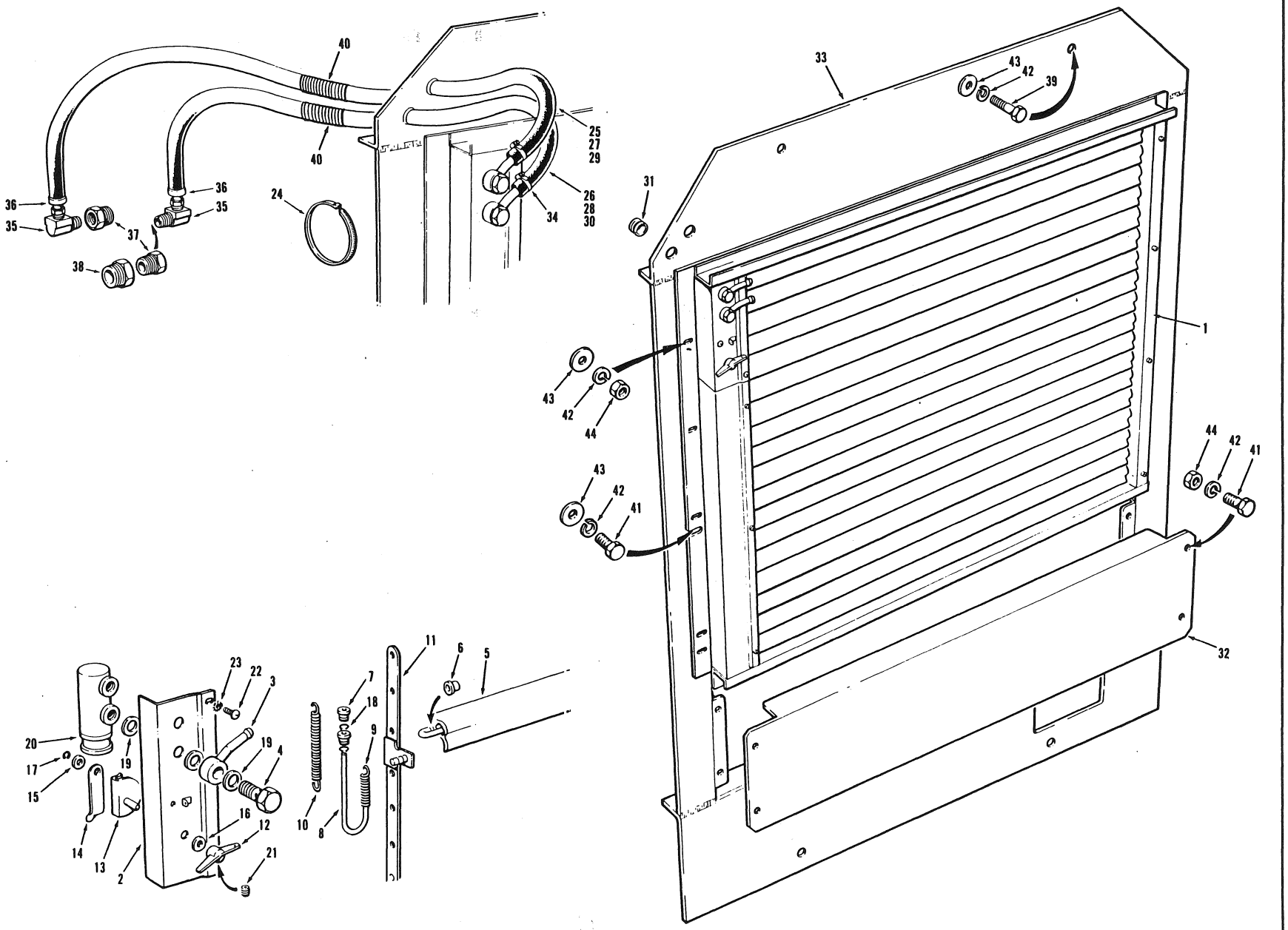
700 SERIES
SERIE 700

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RADIATOR SHUTTER

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	51517	**SHUTTER ASSEMBLY - INCLUDES ITEMS 1 TO 23**		
1	24427	FRAME ASSEMBLY	1	
2	24428	THERMOSTAT COVER	1	
3	24429	CONNECTOR	2	
4	24431	BOLT - SPECIAL	2	
5	24432	VANE ASSEMBLY	18	
6	24433	BUSHING	54	
7	24434	BUSHING	2	
8	24435	DRIVE ROD	1	
9	24436	SPRING	1	
10	24437	SPRING	1	
11	24438	TIE BAR	1	
	*24439	MANUAL CONTROL - C/W ITEMS 12 TO 17	1	
12	24440	KNOB	1	
13	24441	CAM	1	
14	24446	LATCH	1	
15	24447	FLATWASHER	1	
16	24448	FLATWASHER	1	
17	24450	RETAINING RING	1	
18	24451	RETAINING RING	1	
19	24455	GASKET	6	
20	51516	SEALED THERMOSTAT - 190°	1	
21	72E-1004	SET SCREW	1	
22	52L-1004	SCREW	3	
23	14H-10	STARWASHER	3	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		SHUTTER INSTALLATION		
24	15774	TIE STRAP	3	
25	9480X66	HOSE	1	L-10
26	9480X78	HOSE	1	L-10
27	9480X67	HOSE	1	6BT
28	9480X74	HOSE	1	6BT
29	9480X76	HOSE	1	6CT
30	9480X92	HOSE	1	6CT
31	14713	GROMMET	2	
32	40834	RADIATOR GRILLE	1	AWD
33	40836	RADIATOR GRILLE	1	
34	22D-06	CLAMP	2	
35	100J-0604	ELBOW	2	
36	106D-0606	HOSE END	2	
37	115B-0804	REDUCER	2	L-10
38	115B-1208	REDUCER	1	L-10
39	50A-0508	BOLT	8	
40	50A-0510	BOLT	1	
41	50A-0516	BOLT	2	
42	14A-05	LOCKWASHER	11	
43	14C-05	FLATWASHER	11	
44	30A-05	NUT	8	



EFFECTIVE SERIAL NUMBER(S) 19982, 19984, 19985, 19996,
NUMERO(S) DE SÉRIE EFFECTIF(S) 20005, 20227 to 20232,
NUMERO(S) DE SERIE EFECTIVO(S) 20265 to 20601, 20603 to 20605,
20607 & UP

700 SERIES
SERIE 700

SECTION 8 PAGE 13
SECCION 8 PAGINA 13

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

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RADIATOR SHUTTER

JANUARY 1991

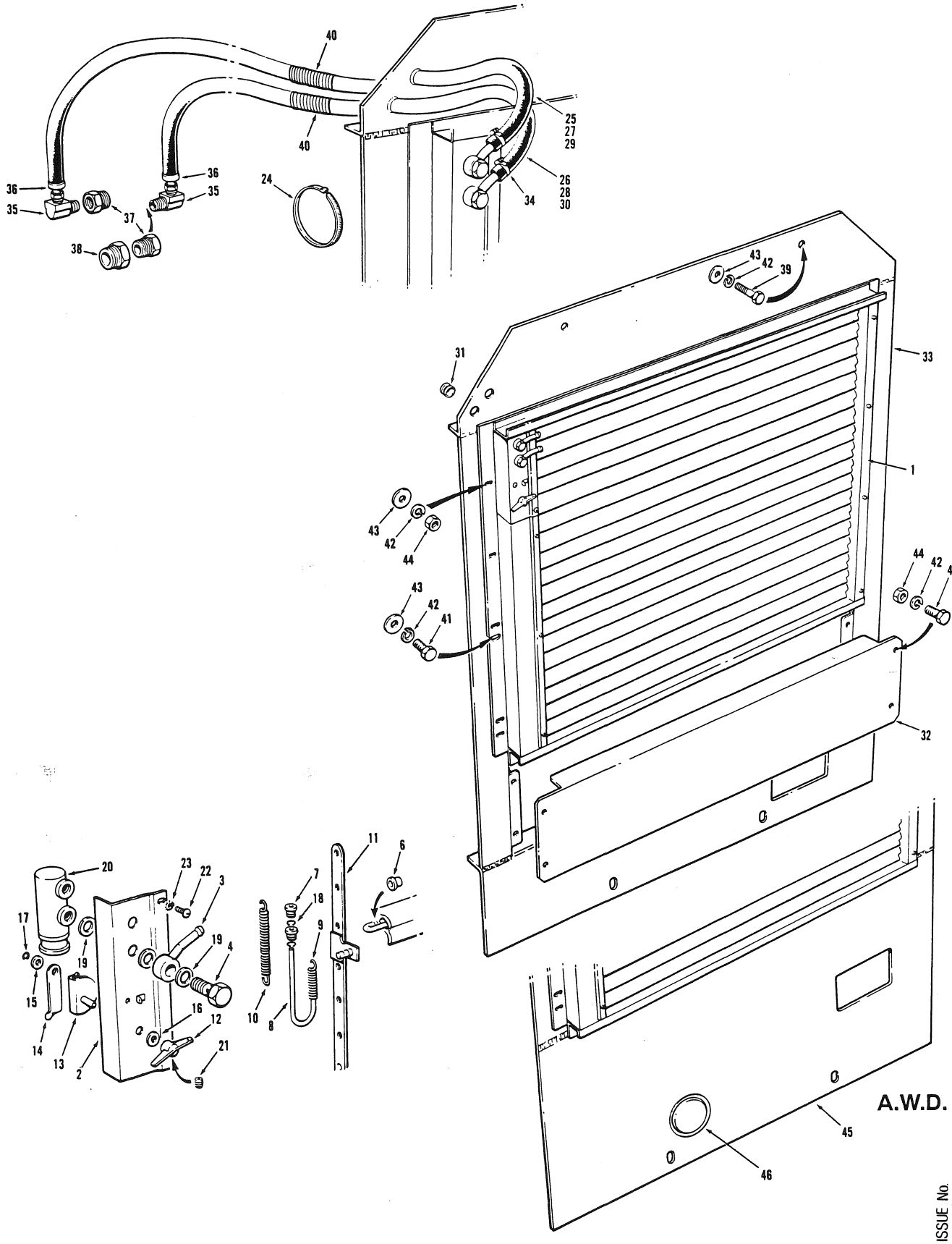
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

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RADIATOR SHUTTER

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	51517	**SHUTTER ASSEMBLY** - INCLUDES ITEMS 1 TO 23		
1	24427	GRILLE FRAME ASSEMBLY	1	
2	24428	THERMOSTAT COVER	1	
3	24429	CONNECTOR	2	
4	24431	BOLT - SPECIAL	2	
5	24432	VANE ASSEMBLY	18	
6	24433	BUSHING	54	
7	24434	BUSHING	2	
8	24435	DRIVE ROD	1	
9	24436	SPRING	1	
10	24437	SPRING	1	
11	24438	TIE BAR	1	
	*24439	MANUAL CONTROL - C/W ITEMS 12 TO 17	1	
12	24440	KNOB	1	
13	24441	CAM	1	
14	24446	LATCH	1	
15	24447	FLATWASHER	1	
16	24448	FLATWASHER	1	
17	24450	RETAINING RING	1	
18	24451	RETAINING RING	1	
19	24455	GASKET	6	
20	51516	SEALED THERMOSTAT - 190°	1	
21	72E-1004	SET SCREW	1	
22	52L-1004	SCREW	3	
23	14H-10	STARWASHER	3	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		SHUTTER INSTALLATION		
24	15774	TIE STRAP	3	
25	9480 x 66	HOSE	1	L-10-C
26	9480 x 78	HOSE	1	L-10-C
27	9480 x 67	HOSE	1	6BT
28	9480 x 74	HOSE	1	6BT
29	9480 x 76	HOSE	1	6CT
30	9480 x 92	HOSE	1	6CT
31	52885	GROMMET	2	
32	54734	PLATE	1	
33	54689	RADIATOR GRILLE	1	
34	22D-06	CLAMP	2	
35	100J-0604	ELBOW	2	
36	106D-0606	HOSE END	2	
37	115B-0804	REDUCER	2	L-10-C
38	115B-1208	REDUCER	1	L-10-C
39	50A-0508	BOLT	4	
40	30927 x 8	HOSE WRAP	2	
41	50A-0506	BOLT	6	
42	14A-05	LOCKWASHER	16	
43	14C-05	FLATWASHER	12	
44	30A-05	NUT	10	



CHAMPION ROAD MACHINERY

JANUARY 1991

RADIATOR SHUTTER

4 REVISION A

ISSUE No.
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EFFECTIVE SERIAL NUMBER(S) 20602, 20606 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

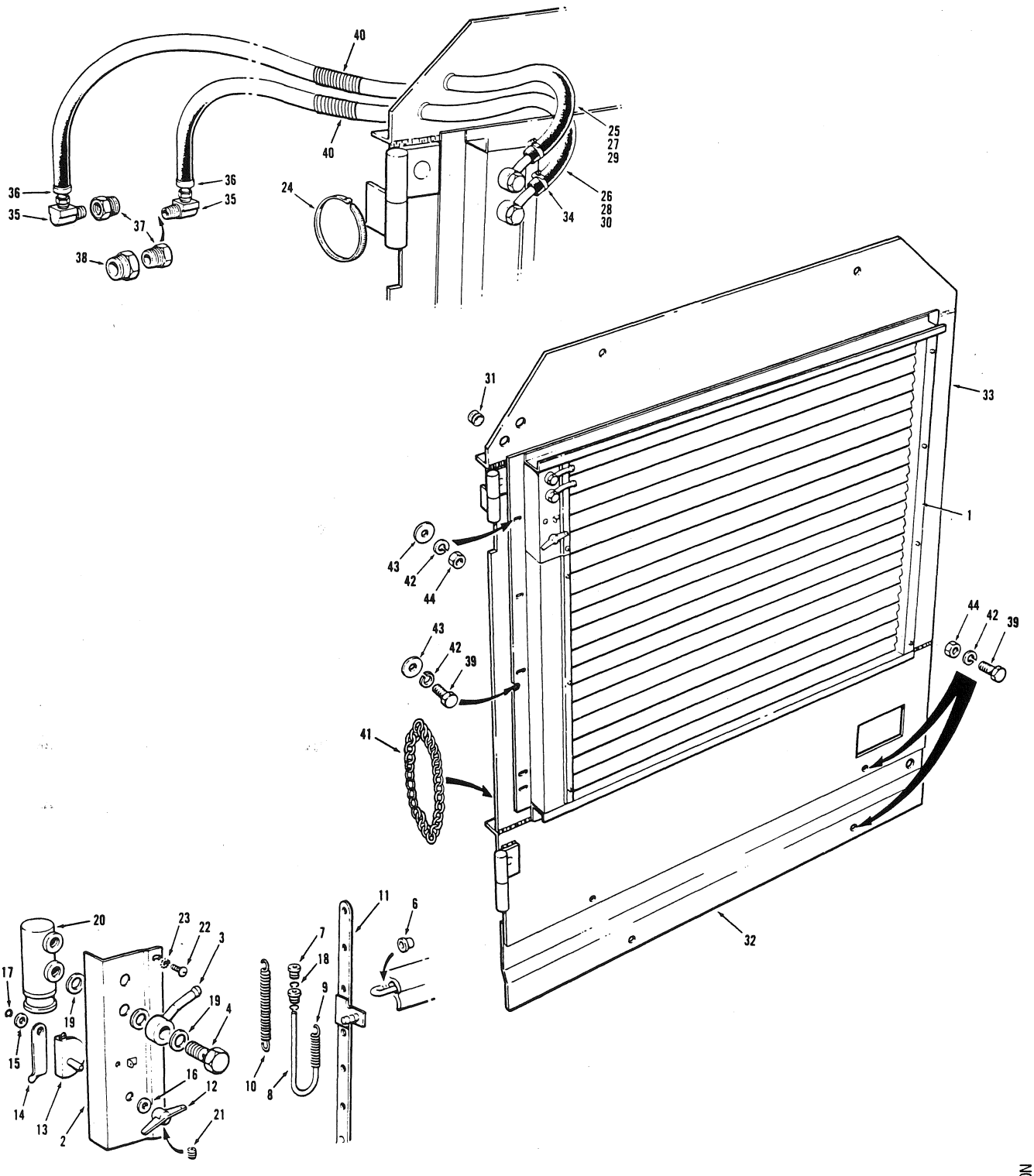
SECTION / SECCION 8 | PAGE / PAGINA 14 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 4 REVISION A

RADIATOR SHUTTER

JANUARY 1991

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	51517	**SHUTTER ASSEMBLY** - INCLUDES ITEMS 1 TO 23		
1	24427	GRILLE FRAME ASSEMBLY	1	
2	24428	THERMOSTAT COVER	1	
3	24429	CONNECTOR	2	
4	24431	BOLT - SPECIAL	2	
5	24432	VANE ASSEMBLY	18	
6	24433	BUSHING	54	
7	24434	BUSHING	2	
8	24435	DRIVE ROD	1	
9	24436	SPRING	1	
10	24437	SPRING	1	
11	24438	TIE BAR	1	
	*24439	MANUAL CONTROL - C/W ITEMS 12 TO 17	1	
12	24440	KNOB	1	
13	24441	CAM	1	
14	24446	LATCH	1	
15	24447	FLATWASHER	1	
16	24448	FLATWASHER	1	
17	24450	RETAINING RING	1	
18	24451	RETAINING RING	1	
19	24455	GASKET	6	
20	51516	SEALED THERMOSTAT - 190°	1	
21	72E-1004	SET SCREW	1	
22	52L-1004	SCREW	3	
23	14H-10	STARWASHER	3	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		SHUTTER INSTALLATION		
24	15774	TIE STRAP	3	
25	9480 x 66	HOSE	1	740 thru 780A
26	9480 x 78	HOSE	1	740 thru 780A
27	9480 x 67	HOSE	1	710/710A
28	9480 x 74	HOSE	1	710/710A
29	9480 x 76	HOSE	1	720 thru 730A
30	9480 x 90	HOSE	1	720 thru 730A
31	52885	GROMMET	2	
32	56139	PLATE	1	
33	56012	RADIATOR GRILLE FRAME	1	
34	22D-06	CLAMP	2	
35	100J-0604	ELBOW	2	
36	106D-0606	HOSE END	2	
37	115B-0804	REDUCER	2	740 thru 780A
38	115B-1208	REDUCER	1	740 thru 780A
39	50A-0508ZI	BOLT	6	
40	30927 x 8	HOSE WRAP	2	
41	50A-0506	BOLT	6	
42	14A-05Zi	LOCKWASHER	16	
43	14C-05Zi	FLATWASHER	12	
44	30A-05Zi	NUT	10	
45	56134	RADIATOR GRILLE FRAME	1	A.W.D.
46	56172	PLUG	1	A.W.D.



CHAMPION ROAD MACHINERY

MARCH 1991

RADIATOR SHUTTER

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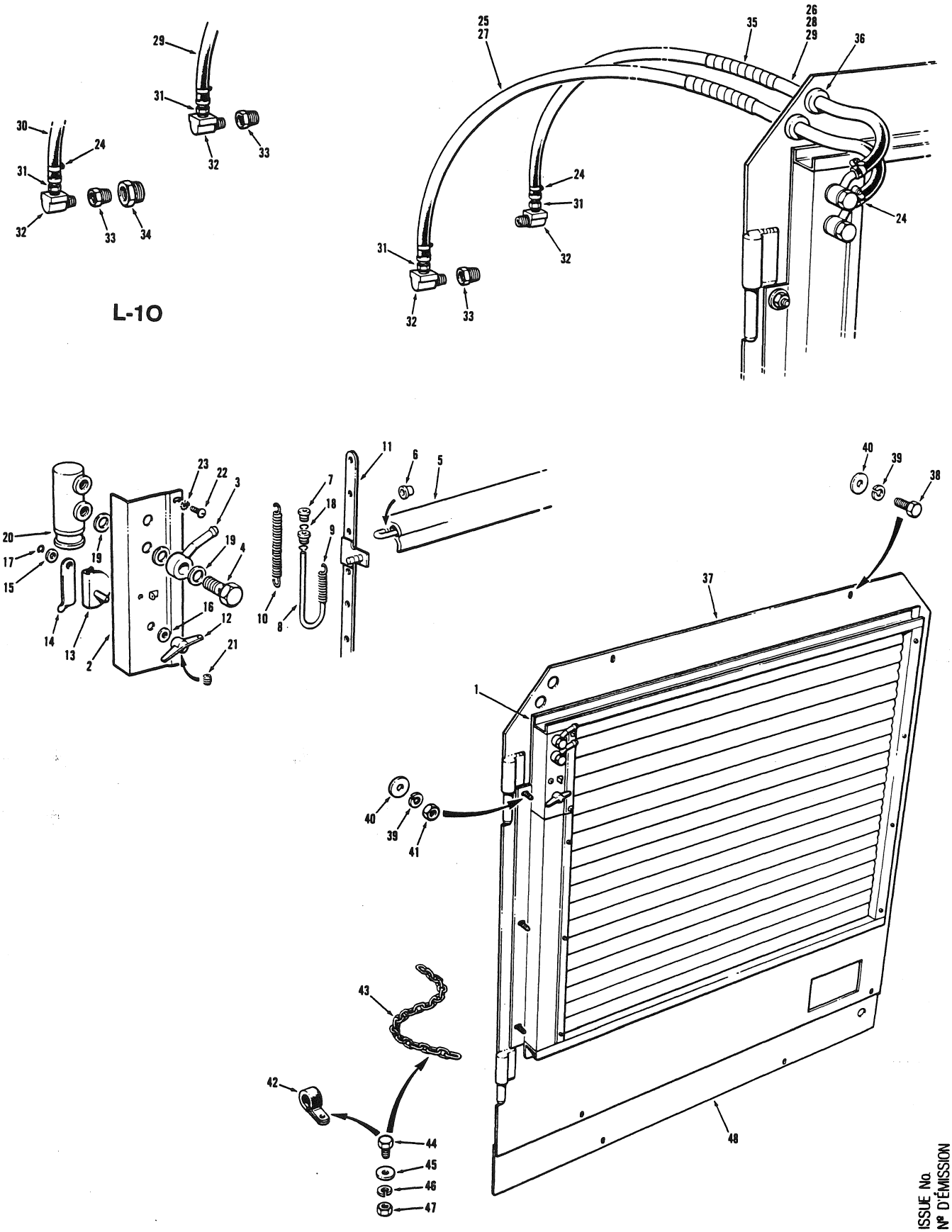
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NUMERO(S) DE SERIE EFECTIVO(S)

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RADIATOR SHUTTER

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	51517	**SHUTTER ASSEMBLY** - INCLUDES ITEMS 1 to 23		
1	24427	GRILLE FRAME ASSEMBLY	1	
2	24428	THERMOSTAT COVER	1	
3	24429	CONNECTOR	2	
4	24431	BOLT - SPECIAL	2	
5	24432	VANE ASSEMBLY	18	
6	24433	BUSHING	54	
7	24434	BUSHING	2	
8	24435	DRIVE ROD	1	
9	24436	SPRING	1	
10	24437	SPRING	1	
11	24438	TIE BAR	1	
	24439	**MANUAL CONTROL** - C/W ITEMS 12 to 17	1	
12	24440	KNOB	1	
13	24441	CAM	1	
14	24446	LATCH	1	
15	24447	FLATWASHER	1	
16	24448	FLATWASHER	1	
17	24450	RETAINING RING	1	
18	24451	RETAINING RING	1	
19	24455	GASKET	6	
20	51516	SEALED THERMOSTAT - 190°	1	
21	72E-1004	SET SCREW	1	
22	52L-1004	SCREW	3	
23	14H-10	STARWASHER	3	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		SHUTTER INSTALLATION		
24	15774	TIE STRAP	3	
25	9480 x 66	HOSE	1	740 thru 780A
26	9480 x 78	HOSE	1	740 thru 780A
27	9480 x 67	HOSE	1	710/710A
28	9480 x 74	HOSE	1	710/710A
29	9480 x 76	HOSE	1	720 thru 730A
30	*9480 x 92	HOSE	1	720 thru 730A
31	*57740	GROMMET	2	
32	*57034	PLATE	1	
33	*57741	RADIATOR GRILLE FRAME	1	
34	*22D-04	CLAMP	2	
35	100J-0604	ELBOW	2	
36	106D-0606	HOSE END	2	
37	115B-0804	REDUCER	2	740 thru 780A
38	115B-1208	REDUCER	1	740 thru 780A
39	50A-0508ZI	BOLT	6	
40	30927 x 8	HOSE WRAP	2	
41	*32612 x 15	CHAIN	1	
42	14A-05ZI	LOCKWASHER	16	
43	14C-05ZI	FLATWASHER	12	
44	30A-05ZI	NUT	10	



EFFECTIVE SERIAL NUMBER(S) 21911 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

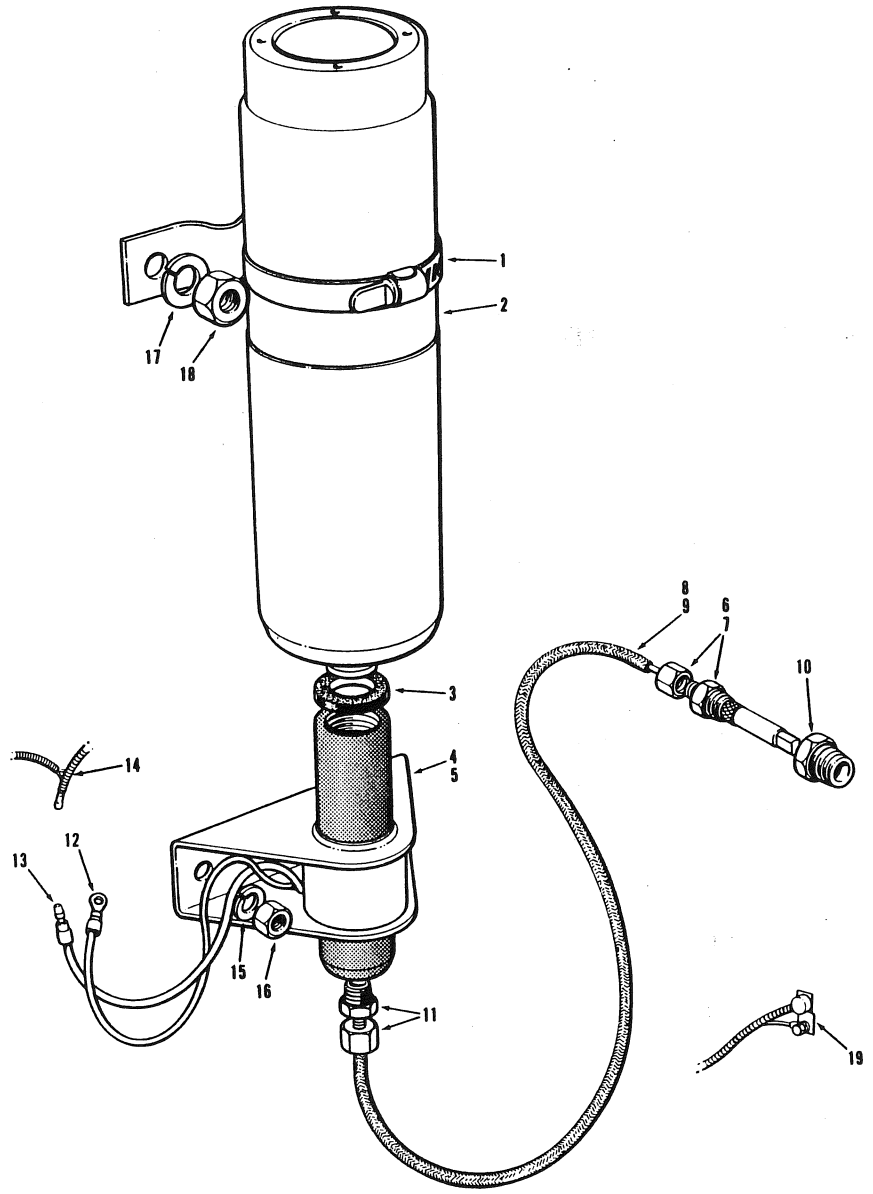
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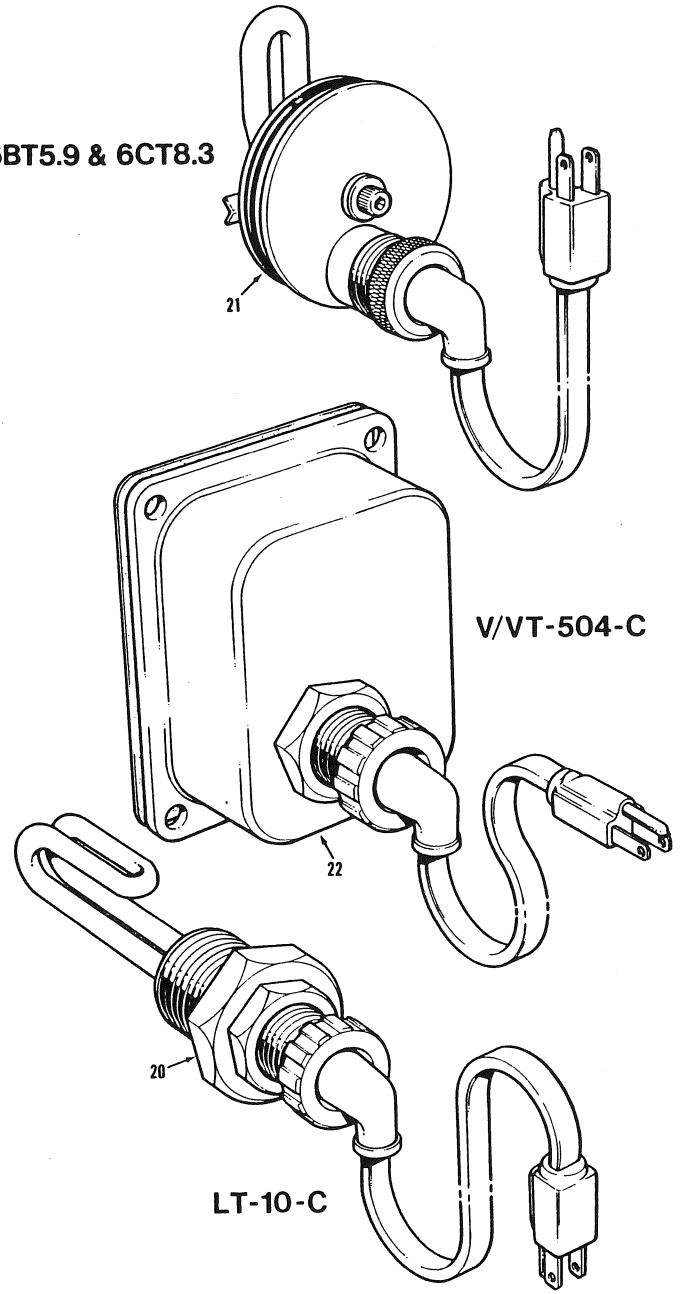
RADIATOR SHUTTER

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	*65143	SHUTTER ASSEMBLY - INCLUDES ITEMS 1 to 23		
1	24427	SHUTTER FRAME ASSEMBLY	1	
2	24428	THERMOSTAT COVER	1	
3	24429	CONNECTOR	2	
4	24431	BOLT - SPECIAL	2	
5	24432	VANE ASSEMBLY	18	
6	24433	BUSHING	54	
7	24434	BUSHING	2	
8	24435	DRIVE ROD	1	
9	24436	SPRING	1	
10	24437	SPRING	1	
11	24438	TIE BAR	1	
	24439	MANUAL CONTROL - C/W ITEMS 12 to 17	1	
12	24440	KNOB	1	
13	24441	CAM	1	
14	24446	LATCH	1	
15	24447	FLATWASHER	1	
16	24448	FLATWASHER	1	
17	24450	RETAINING RING	1	
18	24451	RETAINING RING	1	
19	24455	GASKET	6	
20	*65781	SEALED THERMOSTAT - 190°	1	
21	72E-1004	SET SCREW	1	
22	52L-1004	SCREW	3	
23	14H-10	STARWASHER	3	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
24	22D-04	CLAMP	4	
25	9480 x 67	HOSE	1	710/710A
26	9480 x 74	HOSE	1	
27	9480 x 76	HOSE	1	
28	9480 x 92	HOSE	1	720 thru 730A
29	9480 x 66	HOSE	1	
30	9480 x 78	HOSE	1	740 thru 780A
31	106D-0606	HOSE END	2	
32	100J-0604	ELBOW	2	
33	115B-0804	REDUCER	1	710/710A
			2	740 thru 780A
34	115B-1208	REDUCER	2	740 thru 780A
35	30927 x 8	HOSE WRAP	2	
36	57740	GROMMET	2	
37	*65681	RADIATOR GRILLE FRAME	1	
38	50A-0508ZI	BOLT	6	
39	14A-05ZI	LOCKWASHER	12	
40	14C-05ZI	FLATWASHER	12	
41	30A-05ZI	NUT	6	
42	*32316	CLAMP	4	
43	*65675 x 20.75	CHAIN	1	
44	*50A-0406ZI	BOLT	4	
45	*14A-04ZI	LOCKWASHER	4	
46	*14C-04ZI	FLATWASHER	5	
47	*30A-04ZI	NUT	5	
48		PLATE	REF.	Sect 8 Pg 1

EFFECTIVE SERIAL NUMBER(S) 16224, 16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP





ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION D

COLD START & BLOCK HEATER INSTALLATION

MAY 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

SECTION / SECCION 8 | PAGE / PAGINA 16 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 1 REVISION D

COLD START & BLOCK HEATER INSTALLATION

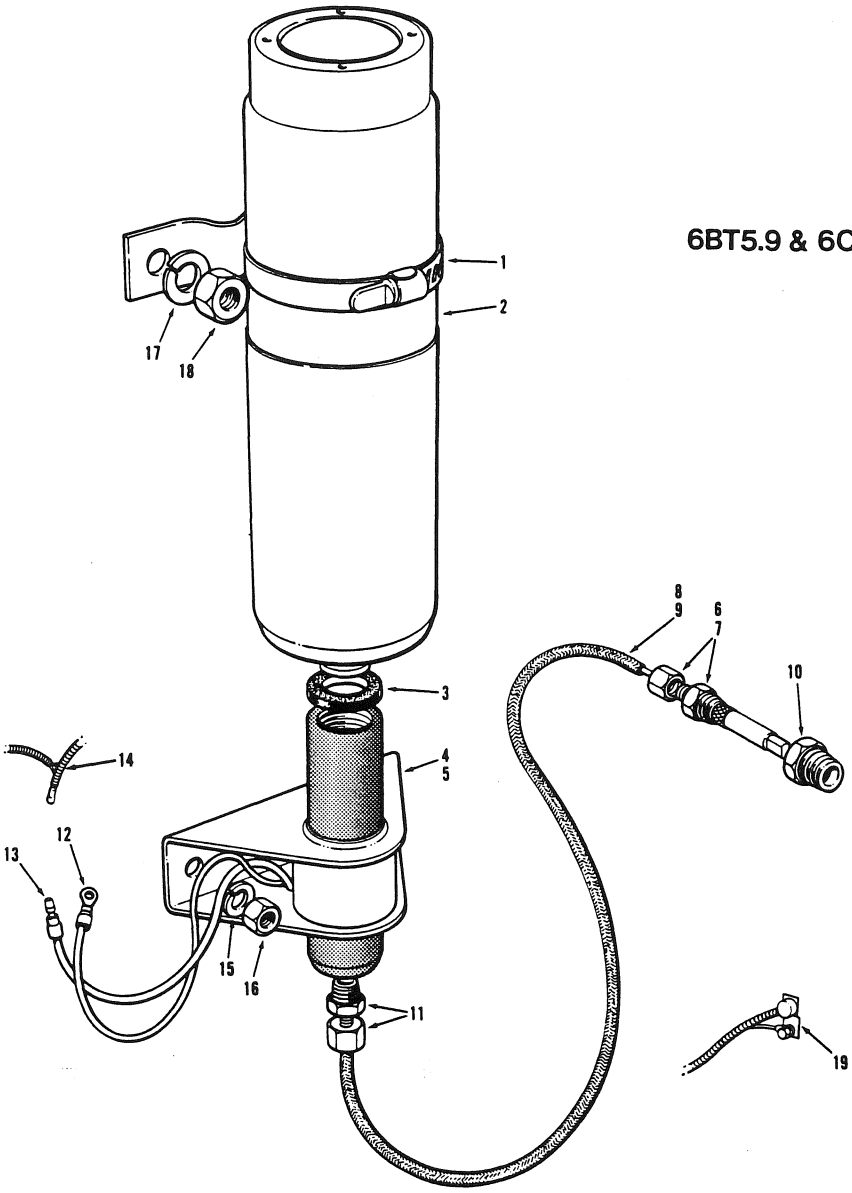
MAY 1989

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	34532	COLD START KIT - INCLUDES ITEMS 1,2,5 & 6	1	6BT5.9 6CT8.3
	40421	COLD START KIT - INCLUDES ITEMS 1,2,4 & 7	1	LT-10-C & V/VT-504-C
1	16865	CLAMP	1	
2	16910	CYLINDER	1	
3	32406	GASKET	1	
4	34538	VALVE	1	LT-10-C & V/T-504-C
5	34540	VALVE	1	6BT5.9 6CT8.3
6	34543	ATOMIZER	1	6BT5.9 6CT8.3
7	37156	ATOMIZER	1	LT-10-C & V/VT-504-C
8	*15320 X 36	TUBING	1	LT-10-C
	15320 X 48	TUBING	1	6BT5.9 6CT8.3
9	*17536 X 36	CONDUIT	1	LT-10-C
	17536 X 48	CONDUIT	1	6BT5.9 6CT8.3
10	115B-0402	REDUCER	1	6CT8.3 V/VT-504-C
11	120B-0202	CONNECTOR	1	
12	130B-04	TERMINAL	1	
13	134B-180	CONNECTOR	1	
14	*135B-21	CONNECTOR	1	
15	14A-04	LOCKWASHER	4	
16	30A-04	NUT	4	
17	14A-06	LOCKWASHER	2	
18	30A-06	NUT	2	
19	*19643	THERMO - GUARD	1	
		BLOCK HEATER INSTALLATION		
20	36808	IMMERSION HEATER	A.R.	LT-10-C
21	40524	IMMERSION HEATER	A.R.	6BT5.9 6CT8.3
22	40595	IMMERSION HEATER	A.R.	V/VT-504-C

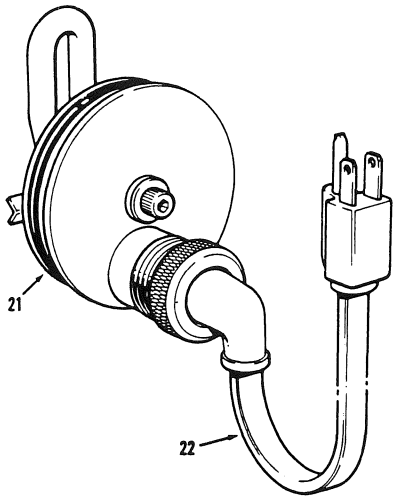
COLD START & BLOCK HEATER INSTALLATION

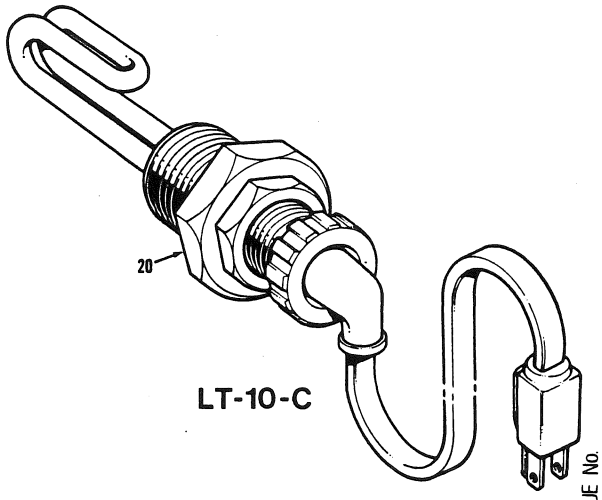
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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No. 2
Nº D'ÉMISSION
Nº DE EDICION



6BT5.9 & 6CT8.3





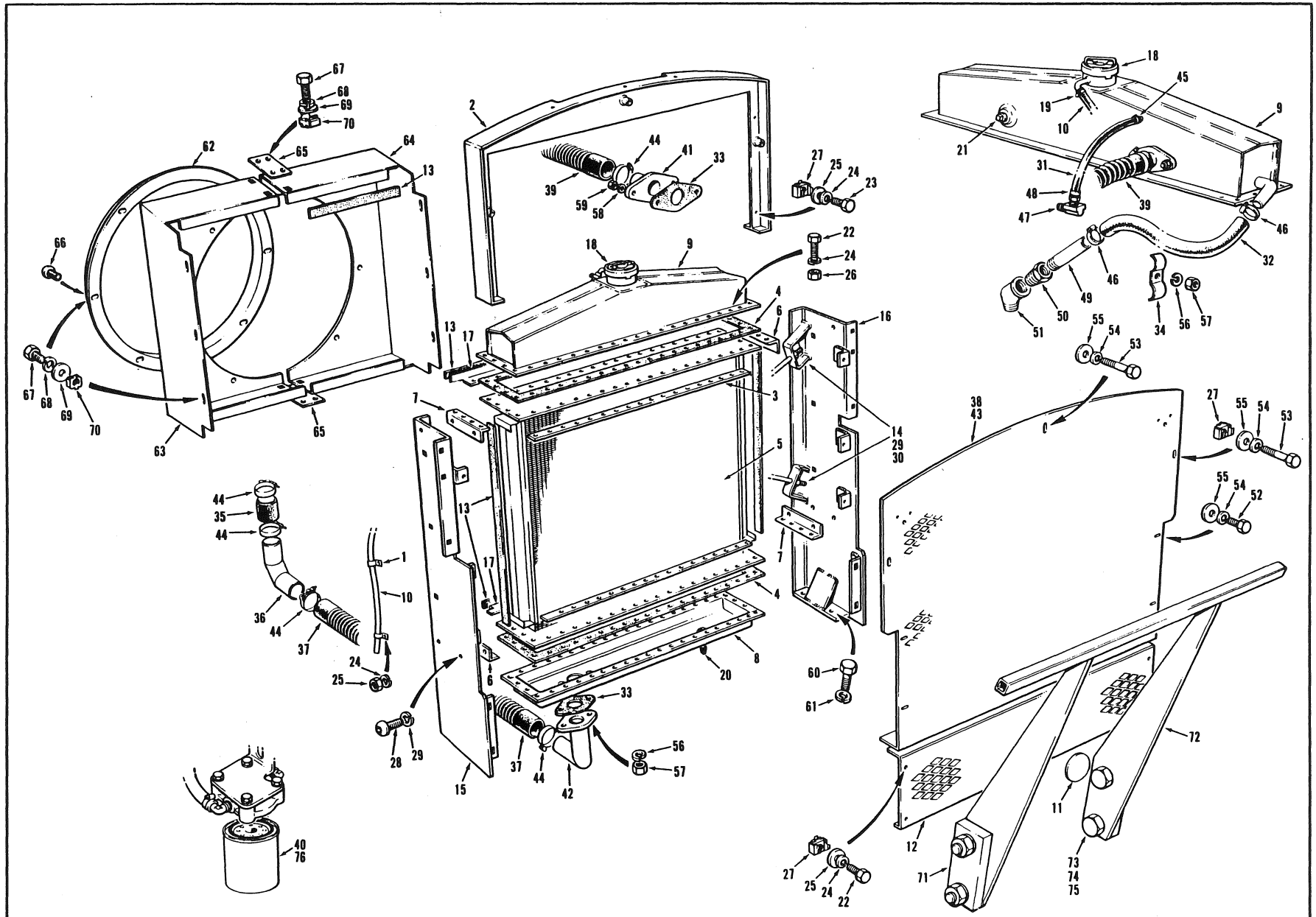
LT-10-C

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

COLD START & BLOCK HEATER INSTALLATION

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	34532	**COLD START KIT** - INCLUDES ITEMS 1, 2, 5 & 6	1	710 thru 730A
	40421	**COLD START KIT** - INCLUDES ITEMS 1, 2, 4 & 7	1	740 thru 780A
1	16865	CLAMP	1	
2	16910	CYLINDER	1	
3	32406	GASKET	1	
4	34538	VALVE	1	740 thru 780A
5	34540	VALVE	1	710 thru 730A
6	34543	ATOMIZER	1	710 thru 730A
7	37156	ATOMIZER	1	740 thru 780A
8	15320 x 36	TUBE	1	740 thru 780A
	15320 x 48	TUBE	1	710 thru 730A
9	17536 x 36	CONDUIT	1	740 thru 780A
	17536 x 48	CONDUIT	1	710 thru 730A
10	115B-0402	REDUCER	1	730/730A
11	120B-0202	CONNECTOR	1	
12	130B-04	TERMINAL	1	
13	134B-180	CONNECTOR	1	
14	135B-21	CONNECTOR	1	
15	14A-04	LOCKWASHER	4	
16	30A-04	NUT	4	
17	14A-06	LOCKWASHER	2	
18	30A-06	NUT	2	
19	19643	THERMO - GUARD	1	
		BLOCK HEATER INSTALLATION		
20	36808	IMMERSION HEATER	1	740 thru 780A
21	*57563	IMMERSION HEATER	1	710 thru 730A
22	*57564	CORD	1	

No. Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. Nº REQ.	REMARKS REMARQUES NOTAS



ISSUE No.
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RADIATOR INSTALLATION - MODEL 740 THRU 760A

APRIL 1987

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224,16245 TO 16795
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 TO 2460-2

700 SERIES
SERIE 700

SECTION 8 PAGE 17
SECCION PAGINA

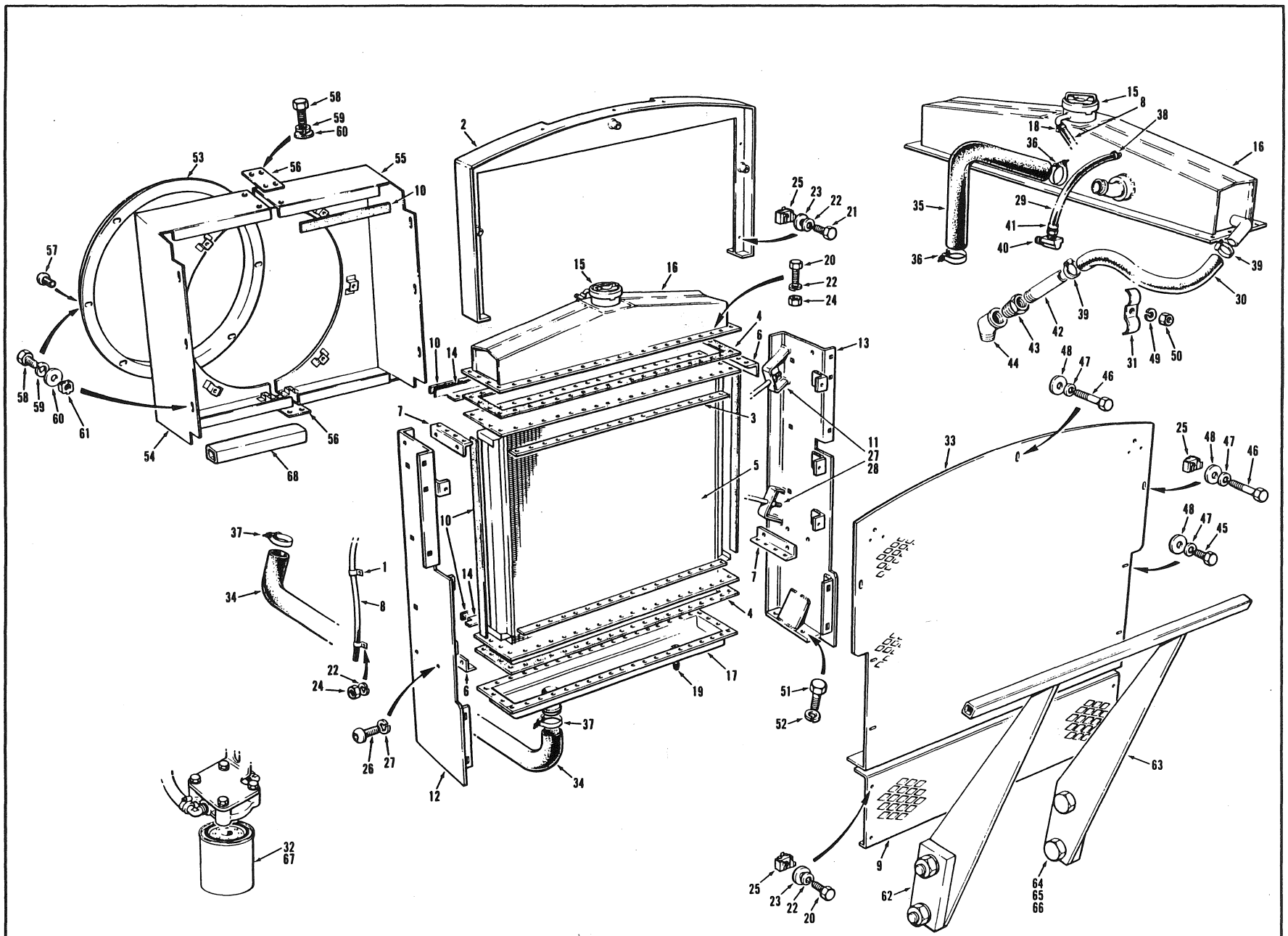
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No.	PART No.	DESCRIPTION	No. REQ	REMARKS
	40038	RADIATOR ASSEMBLY - INCLUDES ITEMS 1 TO 30	1	
1	1776	CLAMP	1	
2	12331	HOOD SUPPORT	1	
3	17636	BAR	2	
4	17664	GASKET	2	
5	23350	CORE - 6 ROW	1	
6	26120	ANGLE - UPPER R.H. & LOWER L.H.	2	
7	26121	ANGLE - LOWER R.H. & UPPER L.H.	2	
8	27013	TANK - LOWER	1	
9	27427	TANK - TOP	1	
10	27429 X 35	HOSE	1	
11	28030	PLUG	1	
12	28033	COVER	1	
13	28344	TAPE - SEALANT	A.R.	
14	35559	ROD	2	
15	40039	SIDE - L.H.	1	
16	40040	SIDE - R.H.	1	
17	40041	ANGLE	2	
18	40827	RADIATOR CAP	1	
19	22B-08	CLAMP	1	
20	115E-04	PLUG - LOWER	1	
21	115E-12	PLUG - UPPER	1	
22	50A-0508zl	BOLT	100	
23	50A-0516zl	BOLT	3	
24	14A-05zl	LOCKWASHER	A.R.	
25	14C-05zl	FLATWASHER	A.R.	
26	30A-05zl	NUT	A.R.	
27	38A-05zl	CAGE NUT	A.R.	
28	50F-0608	CAPSCREW	8	
29	14A-06	LOCKWASHWER	12	
30	30A-06	NUT	4	
		RADIATOR INSTALLATION		
31	9840 X 56	HOSE	1	
32	19857 X 49	HOSE	1	
33	24297	GASKET	1	
34	24787	CLAMP	1	
35	27602 X 3	HOSE	1	
36	27651	TUBE	1	
37	27652 X 24	HOSE - LOWER	1	
38	28034	GRILLE	1	
39	32717 X 34	HOSE - UPPER	1	
40	*45674	COOLANT CONDITIONING FILTER	1	
41	34917	FITTING - UPPER	1	
42	40798	FITTING - LOWER	1	
43	40877	GRILLE	1	SERIAL NO. 16472 & UP U.S. 2254-2 & UP
44	22A-256	CLAMP	6	
45	22B-08	CLAMP	2	
46	22B-16	CLAMP	2	
47	100J-0606	CONNECTOR	1	
48	106D-0606	CONNECTOR	1	
49	115AA-1205	NIPPLE	1	
50	115B-1612	REDUCER	1	
51	115H-16	ELBOW	1	
52	50A-0508zl	BOLT	4	
53	50A-0516zl	BOLT	3	
54	14A-05zl	LOCKWASHER	7	
55	14C-05zl	FLATWASHER	7	
56	14A-06	LOCKWASHER	1	
57	30A-06	NUT	1	
58	14A-07	LOCKWASHER	2	
59	30A-07	NUT	2	
60	50A-0808	BOLT	4	
61	14A-08	LOCKWASHER	4	
		FAN SHROUD INSTALLATION		
62	33407	RING	1	
63	40043	SHROUD - L.H.	1	
64	40044	SHROUD - R.H.	1	
65	40045	COUPLING	2	
66	50F-0606	BOLT	1	
67	50A-0606	BOLT	A.R.	
68	14A-06	LOCKWASHER	A.R.	
69	14C-06	FLATWASHER	A.R.	
70	38A-0602	CAGE NUT	A.R.	
		RADIATOR GUARD INSTALLATION		OPTIONAL
71	12984	LUG	2	
72	35239	GUARD	1	
73	50A-2036	BOLT	4	
74	14A-20	LOCKWASHER	4	
75	30A-20	NUT	4	
76	*34654	COOLANT PRECHARGE FILTER - SHOULD BE USED ONLY WHERE THE COOLING SYSTEM HAS BEEN FLUSHED AND FILLED WITH NEW COOLANT.	1	

EFFECTIVE SERIAL NUMBER(S) 16798 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2461-2 & UP

700 SERIES
SERIE 700

SECTION 8 PAGE 17
SECCION PAGINA



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **2 REVISION B**

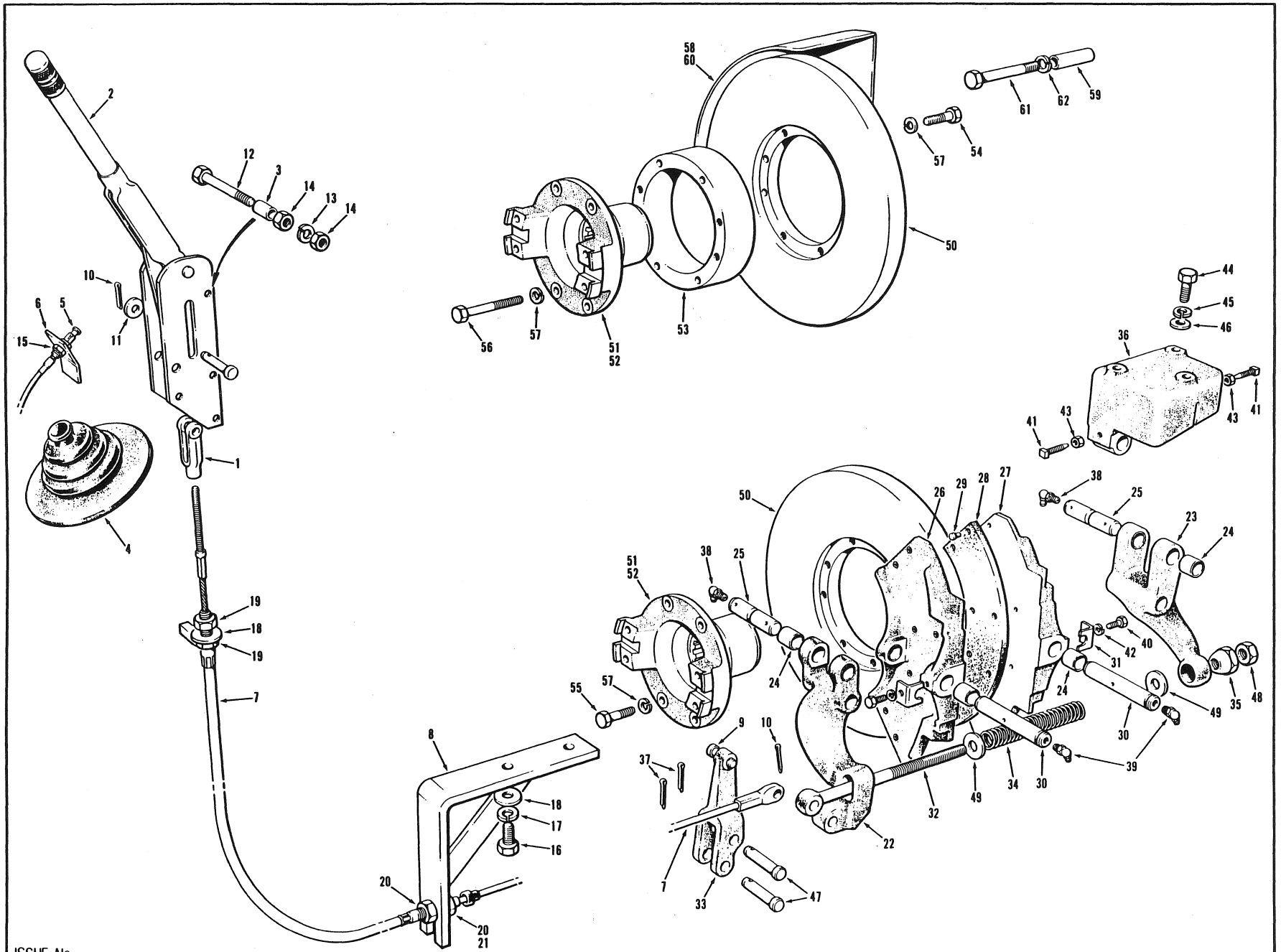
RADIATOR INSTALLATION -MODELS 740 THRU 780A

MAY 1989

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USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		RADIATOR ASSEMBLY		
1	1776	CLIP	2	
2	12331	HOOD SUPPORT	1	
3	17636	BAR	2	
4	17664	GASKET	2	
5	*51172	CORE - 5 ROW	1	S/N 19588 & UP
	23350	CORE - 6 ROW	1	UP TO S/N 19587
6	26120	ANGLE - UPPER R.H. & LOWER L.H.	2	
7	26121	ANGLE - UPPER L.H. & LOWER R.H.	2	
8	27429 X 35	HOSE	1	
9	43539	COVER	1	
10	28344	TAPE SEALANT - 27.5 INCHES LONG	1	
11	35559	STABILIZER ROD	2	
12	40039	SIDE MEMBER - L.H.	1	
13	40040	SIDE MEMBER - R.H.	1	
14	40041	ANGLE	2	
15	40827	RADIATOR CAP	1	
16	41734	TANK - TOP	1	
17	41735	TANK - LOWER	1	
18	22B-06	CLAMP	1	
19	115E-04	PLUG	1	
20	50A-0506z1	BOLT	88	
21	50A-0508z1	BOLT	4	
22	14A-05z1	LOCKWASHER	94	
23	14C-05z1	FLATWASHER	5	
24	30A-05z1	NUT	72	
25	38A-0503z1	CAGE NUT	4	
26	50F-0608	CAPSCREW	8	
27	14A-06	LOCKWASHER	8	
28	30A-06	NUT	4	
		RADIATOR INSTALLATION		
29	9480X42	HOSE	1	
30	19857X45	HOSE	1	
31	24787	CLAMP	1	
32	45674	COOLANT CONDITIONING FILTER	1	
33	40877	GRILLE	1	
34	41706	HOSE - LOWER	1	
35	41707	HOSE - UPPER	1	
36	22A-256	CLAMP	2	
37	22A-294	CLAMP	2	
38	22B-06	CLAMP	1	
39	22B-16	CLAMP	2	
40	100J-0606	CONNECTOR	1	
41	106A-0602	CONNECTOR	1	
42	115AA-1205	NIPPLE	1	
43	115B-1612	REDUCER	1	
44	115H-16	ELBOW	1	
45	50A-0508z1	BOLT	4	
46	50A-0516z1	BOLT	3	
47	14A-05z1	LOCKWASHER	7	
48	14C-05z1	FLATWASHER	7	
49	14A-06	LOCKWASHER	3	
50	30A-06	NUT	3	
51	50A-0808	BOLT	4	
52	14A-08	LOCKWASHER	4	
		FAN SHROUD INSTALLATION		
53	33407	RING	1	
54	40043	SHROUD - L.H.	1	
55	40044	SHROUD - R.H.	1	
56	40045	COUPLING STRIP	2	
57	50F-0606	BOLT	6	
58	50A-0608	BOLT	14	
59	14A-06	LOCKWASHER	14	
60	14C-06	FLATWASHER	14	
61	38A-0602	CAGE NUT	6	
		RADIATOR GUARD INSTALLATION		OPTIONAL
62	12984	LUG	2	
63	35239	GUARD	1	
64	50A-2036	BOLT	4	
65	14A-20	LOCKWASHER	4	
66	30A-20	NUT	4	
67	34654	COOLANT PRECHARGE FILTER - SHOULD BE USED WHERE THE COOLING SYSTEM HAS BEEN FLUSHED AND FILLED WITH NEW COOLANT.	1	
		TROPICAL PROTECTION PACKAGE		OPTIONAL
68	44847	FILLER TUBE	4	



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PARKING BRAKE INSTALLATION

APRIL 1987

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EFFECTIVE SERIAL NUMBER(S) 16224, 16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 9 PAGE 1
SECCION 9 PAGINA 1

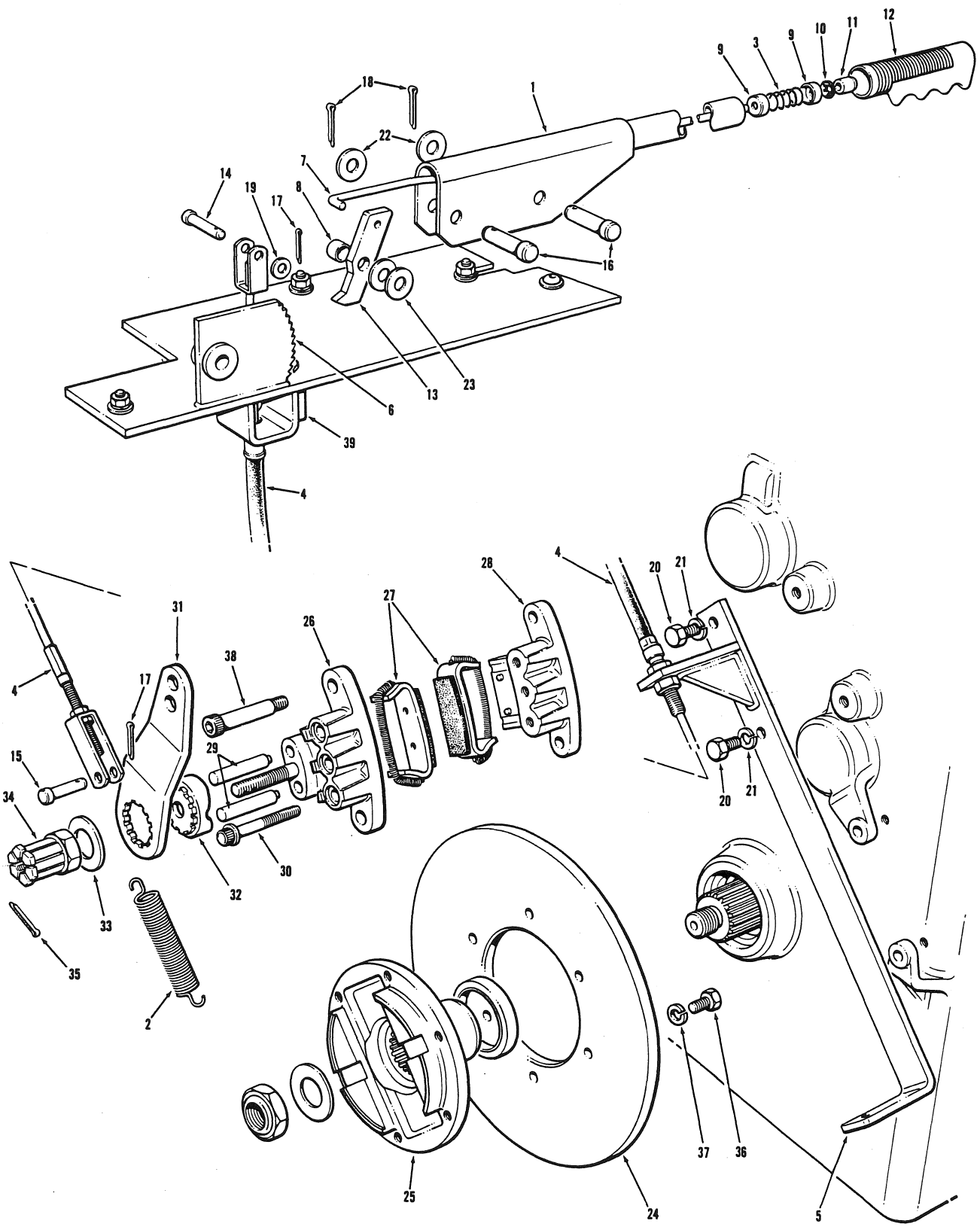
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		HANDLE & LINKAGE INSTALLATION		
1	1234	ADJUSTABLE YOKE	1	
2	14083	BRAKE HANDLE - C/W CLEVIS PIN & ITEMS 10 & 11	1	
3	14544	SPACER	2	
4	19043	RUBBER BOOT	1	
5	34845	SWITCH - WARNING LIGHT	1	OPTIONAL REPAIR PART
6	34987	BRACKET - SWITCH	1	
7	40469	BRAKE CABLE	1	
8	40876	CABLE ANCHOR - RIGID FRAME ONLY	1	710 THRU 780
9	10A-0616	CLEVIS PIN	1	
10	13A-0312	COTTER PIN	2	
11	14C-05	FLATWASHER	1	
12	50A-0618	BOLT	2	
13	14A-06	LOCKWASHER	2	
14	30A-06	NUT	4	
15	31D-06	JAM NUT	1	
16	50A-0808	BOLT	2	
17	14A-08	LOCKWASHER	2	
18	14C-08	FLATWASHER	3	
19	31D-08	JAM NUT	2	
20	30D-09	JAM NUT	2	
21	14Q-09	LOCKWASHER	1	
		PARKING BRAKE INSTALLATION		
	11690	BRAKE ASSEMBLY -C/W ITEMS 22 TO 49	1	
22	4858	LEVER - C/W ITEM 24	1	
23	4859	LEVER - C/W ITEM 24	1	
24	4860	BUSHING	8	
25	4861	PIN - LEVER	2	
26	4863	SHOE ASSY. - INCLUDES ITEMS 24,27,28 & 29	2	
27		BRAKE SHOE - (NOT SOLD SEPARATELY)	2	
28	4865	BRAKE LINING	2	
29	4866	RIVET	16	
30	4869	PIN - BRAKE SHOE	2	
31	4870	RETAINER	2	
32	4871	ROD	1	
33	4872	OPERATING LEVER	1	
34	4874	SPRING	1	
35	4875	NUT	1	
36	4876	BRACKET	1	
37	13A-0416	COTTER PIN	2	
38	29B-02	GREASE FITTING	2	
39	29D-02	GREASE FITTING	2	
40	50A-0504	BOLT	2	
41	*70H-0524	LOCK SCREW	2	
42	14A-05	LOCKWASHER	2	
43	30A-05	NUT	2	
44	50A-0812	BOLT	3	
45	14A-08	LOCKWASHER	3	
46	14C-08	FLATWASHER	3	
47	*10A-1032	CLEVIS PIN	2	
48	31A-10	NUT	1	
49	14C-12	FLATWASHER	2	
		PARKING BRAKE DISC & YOKE ASSEMBLY		
50	4857	DISC	1	
51	36293	YOKE	1	720 THRU 780A
52	40053	YOKE	1	710, 710A
53	40468	SPACER - ARTICULATED FRAME ONLY	1	720A THRU 780A
54	51A-0710	BOLT	4	
55	51A-0712	BOLT - RIGID FRAME ONLY	4	710 THRU 780
56	*51A-0728	BOLT - ARTICULATED FRAME ONLY	4	EXCEPT 710A
57	14A-07	LOCKWASHER	8	
		PARKING BRAKE FENDERS		
58	40523	FENDER	1	710, 710A
59	17200	SPACER	2	720 THRU 780A
60	40850	FENDER	2	
61	*50A-1036	BOLT	2	
62	14A-10	LOCKWASHER	2	
	33274	REPAIR KIT FOR 11690 BRAKE ASSEMBLY - INCLUDES ITEMS 24,25,26,31,35,37,41 & 47	A.R.	
	33275	REPAIR KIT FOR 4863 SHOE ASSEMBLY - INCLUDES ITEMS 28 & 29	A.R.	

CHAMPION ROAD MACHINERY

OCTOBER 1989

HANDBRAKE INSTALLATION



2 REVISION A

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION

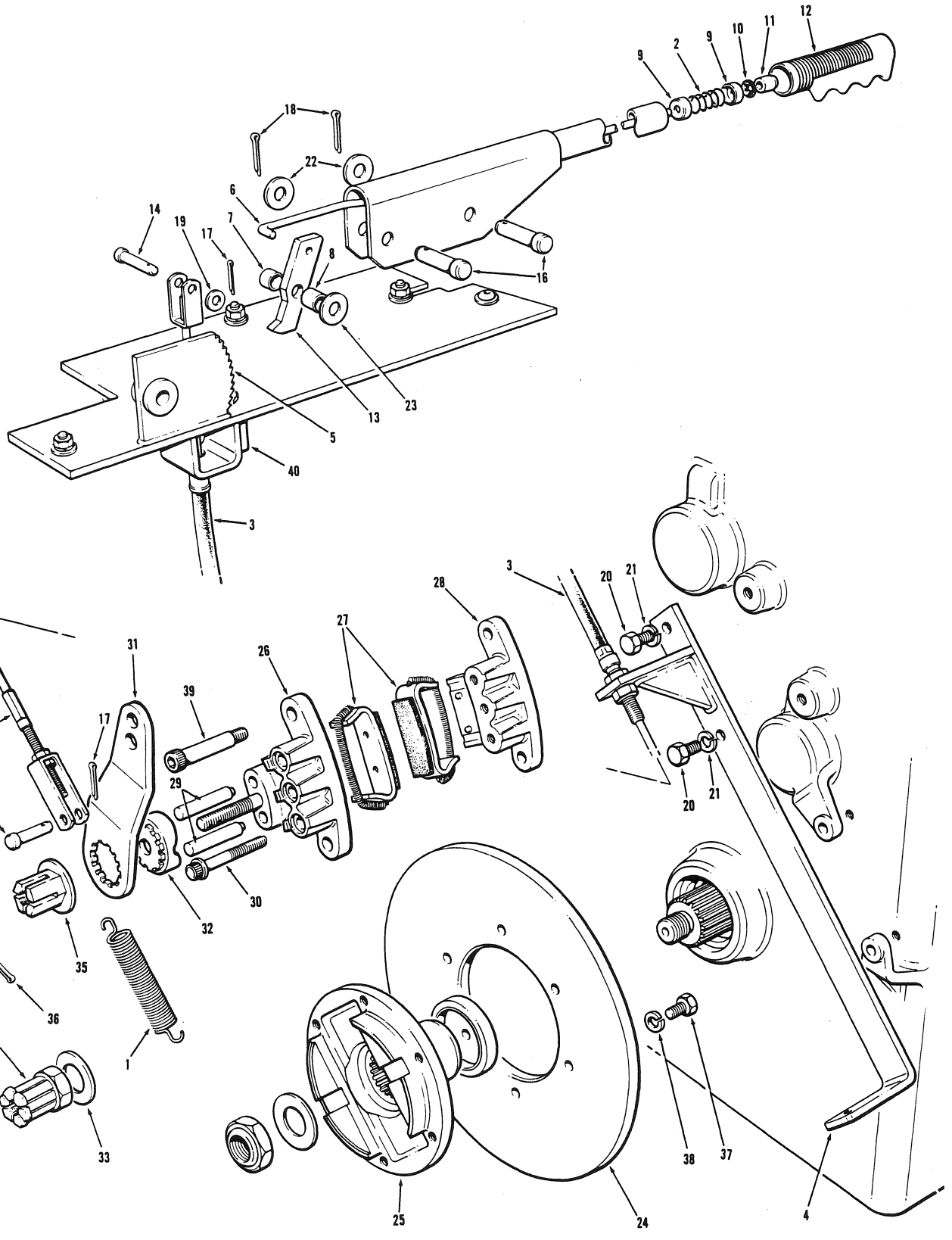
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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 18802, 18878 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

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No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	46505	HANDLE ASSEMBLY C/W ITEMS 3, 6 TO 14, 16 TO 19 22, & 23	1	
2	670	SPRING	1	
3	34561	SPRING	1	
4	37747	BRAKE CABLE	1	
5	*53958	BRACKET	1	
6	46491	RACHET	1	REPAIR PART
7	46496	ROD	1	
8	46551	SPACER	1	
9	46652	WASHER	1	
10	46553	FASTENER	1	
11	46554	END PROTECTOR	1	
12	46556	GRIP - HANDLE	1	
13	46970	PAWL	1	
14	10A-0516	CLEVIS PIN	1	
15	10A-0616	CLEVIS PIN	2	
16	10A-0828	CLEVIS PIN	2	
17	13A-0312	COTTER PIN	3	
18	13A-0420	COTTER PIN	2	
19	14C-05	FLATWASHER	1	
20	50A-0810	BOLT	2	
21	14A-08	LOCKWASHER	2	
22	14C-08	FLATWASHER	2	
23	14D-08	FLATWASHER	2	
	*51572	CALIPER - BRAKE C/W ITEMS 26 TO 35	1	
24	37654	DISC	1	
25	37655	YOKE	1	
26	48475	BRAKE - CAM SIDE	1	
27	48476	PAD HOLDER ASSEMBLY	2	
28	48477	BRAKE - CARRIER	1	
29	48478	PUSH PINS	2	
30	48483	BOLT	3	
31	*55226	LEVER	1	
32	*55227	CAM	1	
33	*55228	WASHER	1	
34	*55229	NUT	1	
35	*13A-0524	COTTER PIN	1	
36	50A-0810	BOLT	6	
37	14A-08	LOCKWASHER	6	
38	50G-0828	BOLT	2	
		WARNING LIGHT		
39	46755	SWITCH	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS



CHAMPION ROAD MACHINERY

AUGUST 1992

HANDBRAKE INSTALLATION

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **3 REVISION A**

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
20285, 20287, 20288, 20293, 20294 & 20296 to 20829

700 SERIES
SERIE 700

SECTION 9 PAGE 1
SECCION PAGINA

SECTION / SECCION 9 | PAGE / PAGINA 2 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 3 REVISION A

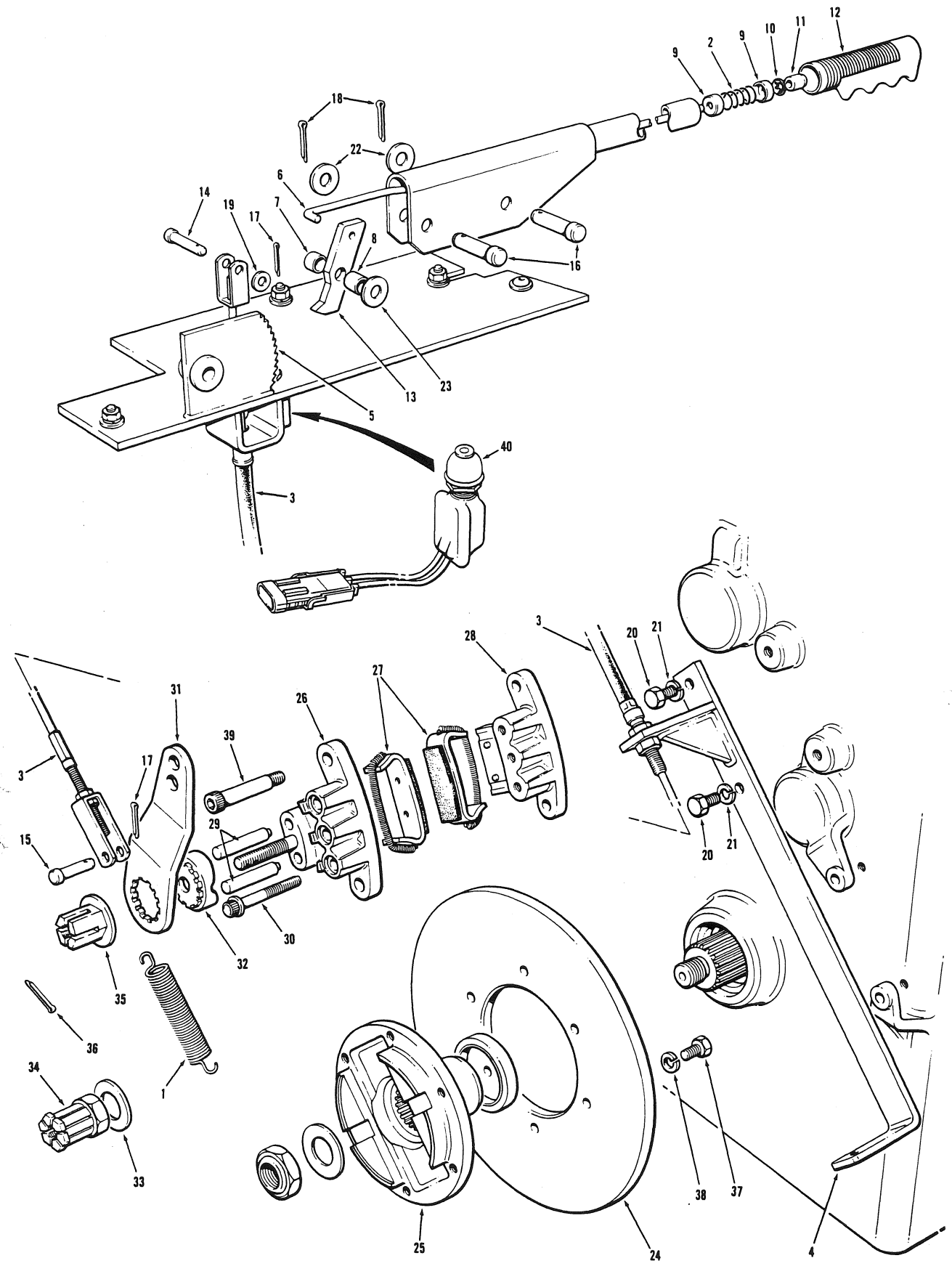
HANDBRAKE INSTALLATION

AUGUST 1992

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	*54463	**HANDLE ASSEMBLY** C/W ITEMS 2, 5 to 14, 16 to 19, 22, & 23	1	
1	670	SPRING	1	
2	34561	SPRING	1	
3	37747	BRAKE CABLE	1	
4	53958	BRACKET	1	
5	54458	RATCHET	1	REPAIR PART
6	54459	ROD	1	
7	54460	SPACER - LONG	1	
8	54461	SPACER - SHORT	1	
9	46552	WASHER	1	
10	46553	FASTENER	1	
11	46554	END PROTECTOR	1	
12	46556	GRIP - HANDLE	1	
13	48970	PAWL	1	
14	10A-0516	CLEVIS PIN	1	
15	10A-0616	CLEVIS PIN	2	
16	10A-0828	CLEVIS PIN	2	
17	13A-0312	COTTER PIN	3	
18	13A-0420	COTTER PIN	2	
19	14C-05	FLATWASHER	1	
20	50A-0810	BOLT	2	
21	14A-08	LOCKWASHER	2	
22	14C-08	FLATWASHER	2	
23	14D-08	FLATWASHER	1	
	51572	**CALIPER - BRAKE** C/W ITEMS 26 TO 35	1	
24	37654	DISC	1	
25	37655	YOKE	1	
26	48475	BRAKE - CAM SIDE	1	
27	48476	**PAD HOLDER ASSEMBLY**	2	
28	48477	BRAKE - CARRIER	1	
29	48478	PUSH PINS	2	
30	48483	BOLT	3	
31	55226	LEVER	1	
32	55227	CAM	1	
33	55228	WASHER	1	
34	55229	NUT	1	
35	56541	NUT	1	
36	13A-0524	COTTER PIN	1	
37	50A-0810	BOLT	6	
38	14A-08	LOCKWASHER	6	
39	*50G-1028	BOLT	2	
		<u>WARNING LIGHT</u>		
40	46755	SWITCH	1	

CHAMPION R MACHINERY

AUGUST 1992



HANDBRAKE INSTALLATION

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **4 REVISION A**

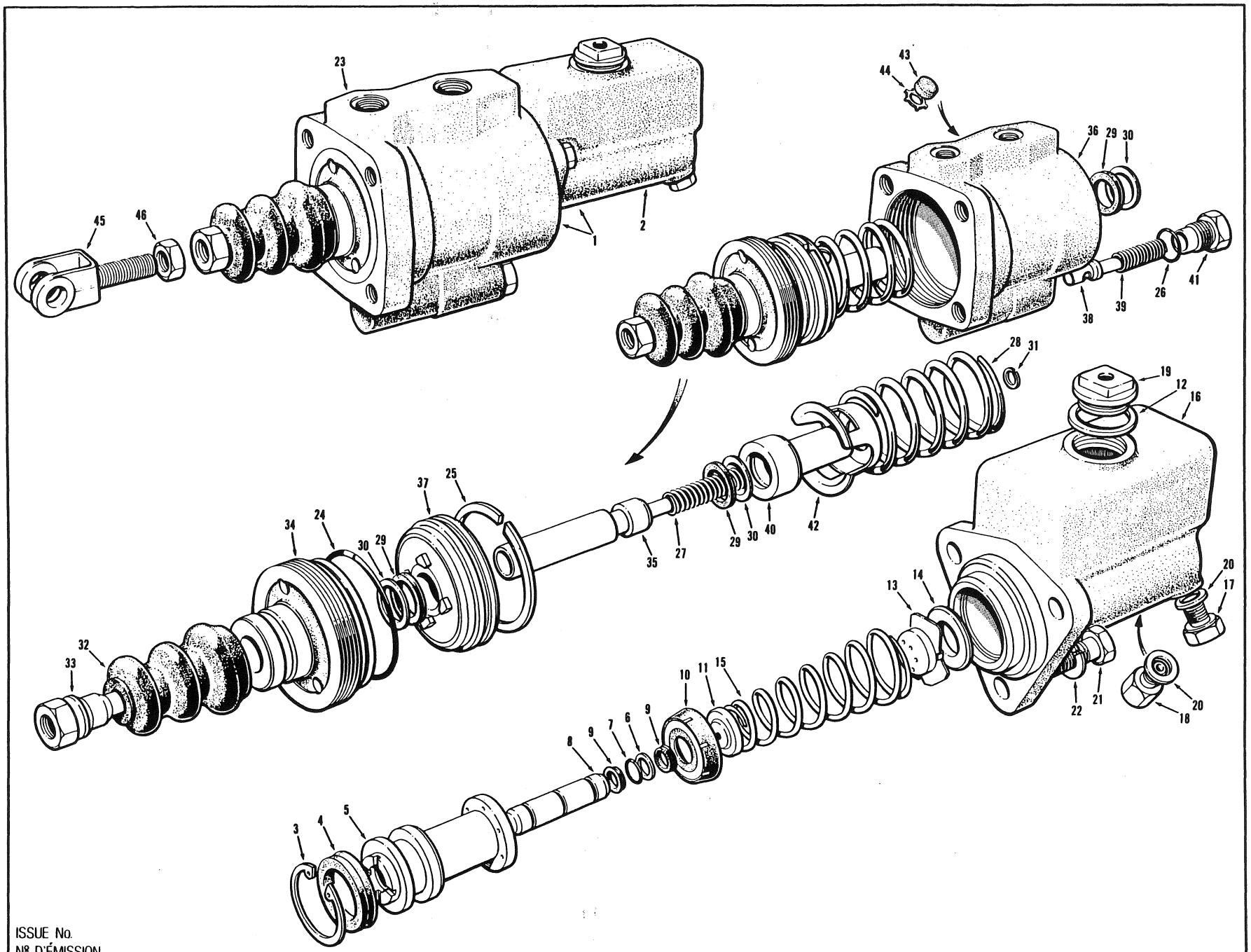
EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S) **20830 & UP**
SEE OVER

700 SERIES
SERIE 700

SECTION / SECCION 9 **PAGE / PAGINA 1**

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	*54463	**HANDLE ASSEMBLY** - C/W ITEMS 2, 5 to 14, 16 to 19, 22, & 23	1	
1	670	SPRING	1	
2	34561	SPRING	1	
3	37747	BRAKE CABLE	1	
4	53958	BRACKET	1	
5	54458	RATCHET	1	Repair Part
6	54459	ROD	1	
7	54460	SPACER - LONG	1	
8	54461	SPACER - SHORT	1	
9	46552	WASHER	1	
10	46553	FASTENER	1	
11	46554	END PROTECTOR	1	
12	46556	GRIP - HANDLE	1	
13	48970	PAWL	1	
14	10A-0516	CLEVIS PIN	1	
15	10A-0616	CLEVIS PIN	2	
16	10A-0828	CLEVIS PIN	2	
17	13A-0312	COTTER PIN	3	
18	13A-0420	COTTER PIN	2	
19	14C-05	FLATWASHER	1	
20	50A-0810	BOLT	2	
21	14A-08	LOCKWASHER	2	
22	14C-08	FLATWASHER	2	
23	14D-08	FLATWASHER	1	
	51572	**CALIPER - BRAKE** - C/W ITEMS 26 to 35	1	
24	37654	DISC	1	
25	37655	YOKE	1	
26	48475	BRAKE - CAM SIDE	1	
27	48476	**PAD HOLDER ASSEMBLY**	2	
28	48477	BRAKE - CARRIER	1	
29	48478	PUSH PINS	2	
30	48483	BOLT	3	
31	55226	LEVER	1	
32	55227	CAM	1	
33	55228	WASHER	1	
34	55229	NUT	1	
35	56541	NUT	1	
36	13A-0524	COTTER PIN	1	
37	50A-0810	BOLT	6	
38	14A-08	LOCKWASHER	6	
39	*50G-1028	BOLT	2	
		PARKING BRAKE		
40	56775	SWITCH	1	

NOTE:
This Handbrake Installation applies ONLY to Models 710 thru 740A at S/N 21053.
See Section 9 Page 19 for Models 750 thru 780A



MASTER CYLINDER & BOOSTER ASSEMBLY - POWER BRAKES

OCTOBER 1984

ISSUE No.
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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

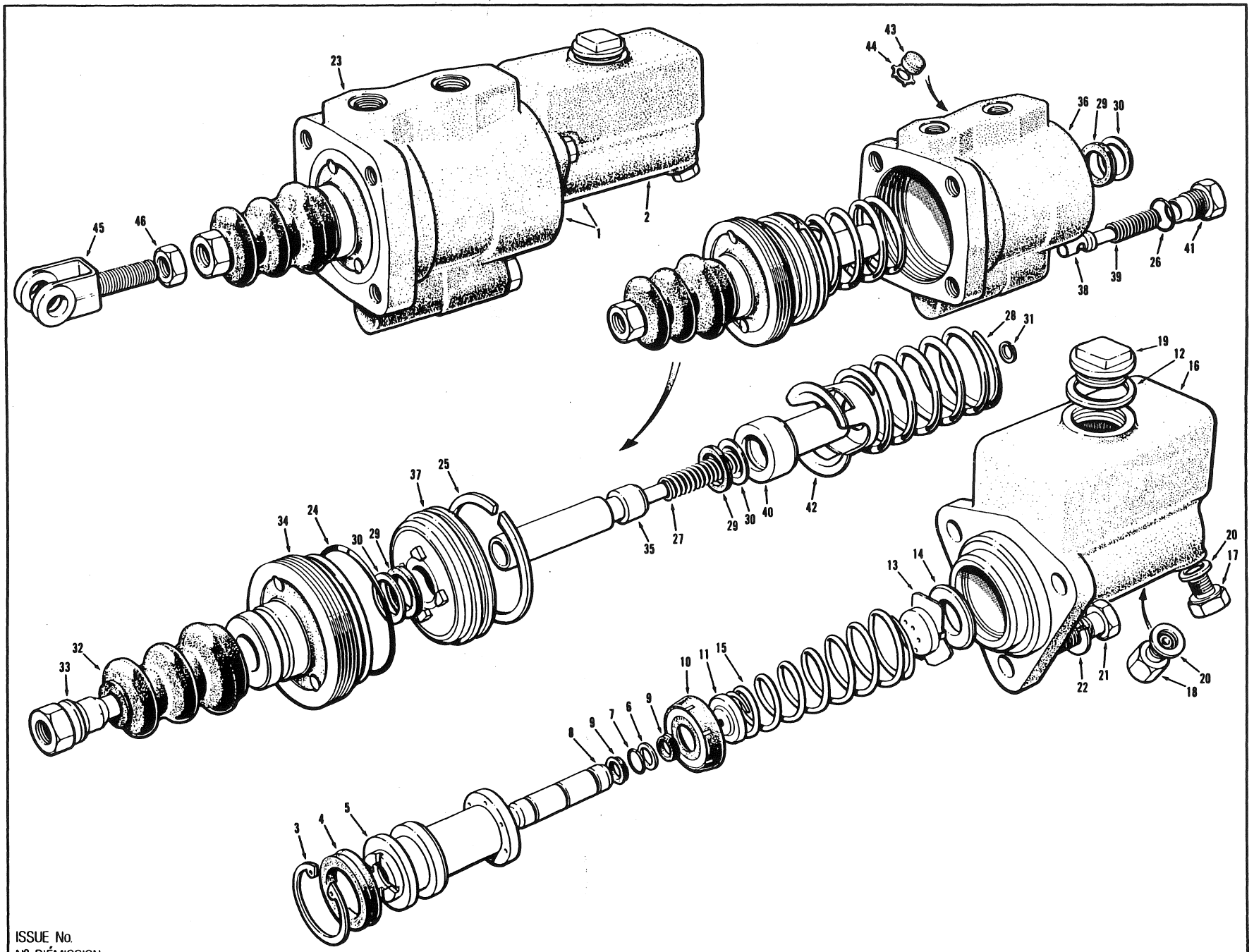
SECTION 9
SECCION
PAGE 3
PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

MASTER CYLINDER & BOOSTER ASSEMBLY - POWER BRAKES

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	34600	BRAKE MASTER CYLINDER & POWER BOOSTER ASSEMBLY - INCLUDES ITEMS 3 TO 44	1	
2	36411	BRAKE MASTER CYLINDER ASSEMBLY - INCLUDES ITEMS 3 TO 20	1	
	33931	REPAIR KIT - MASTER CYLINDER - INCLUDES ITEMS 3 TO 15	A.R.	
3		RETAINING RING	1	
4		CUP	1	
5		PISTON	1	
6		BACK-UP RING	1	
7		O RING	1	
8		PISTON	1	
9		CUP	2	
10		CUP	1	
11		RETAINER	1	
12	36499	GASKET - FILLER PLUG	1	
13		CHECK VALVE	1	
14		VALVE SEAT	1	
15		SPRING	1	
16		HOUSING	1	
17	7844	PLUG	1	
18	8159	CONNECTOR	1	
19	36496	FILLER PLUG	1	
20	105C-1208	WASHER	2	
21	50A-0610	BOLT	3	
22	14A-06	LOCKWASHER	3	
23	36412	POWER BOOSTER ASSEMBLY - INCLUDES ITEMS 24 TO 44	1	
	36494	REPAIR KIT - BOOSTER ASSEMBLY - INCLUDES ITEMS 24 TO 32	A.R.	
24		O RING	1	
25		PISTON RING	1	
26		O RING	1	
27		SPRING	1	
28		SPRING	1	
29		CUP	3	
30		BACK-UP RING	3	
31		RETAINING RING	1	
32	36497	BOOT	1	
33	36498	PUSH ROD	1	
34		END PLUG	1	
35		PISTON	1	
36		HOUSING	1	
37		PISTON	1	
38		VALVE STEM	1	
39		SPRING	1	
40		PISTON	1	
41		END PLUG	1	
42		RETAINER	1	
43		SNUBBER	1	
44		RETAINING RING	1	
45	36463	CLEVIS	1	
46	31D-08	JAM NUT	1	



EFFECTIVE SERIAL NUMBER(S) 17049 TO 19449
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2515-2 TO 2658-2

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION B

MASTER CYLINDER & BOOSTER ASSEMBLY - POWER BRAKES

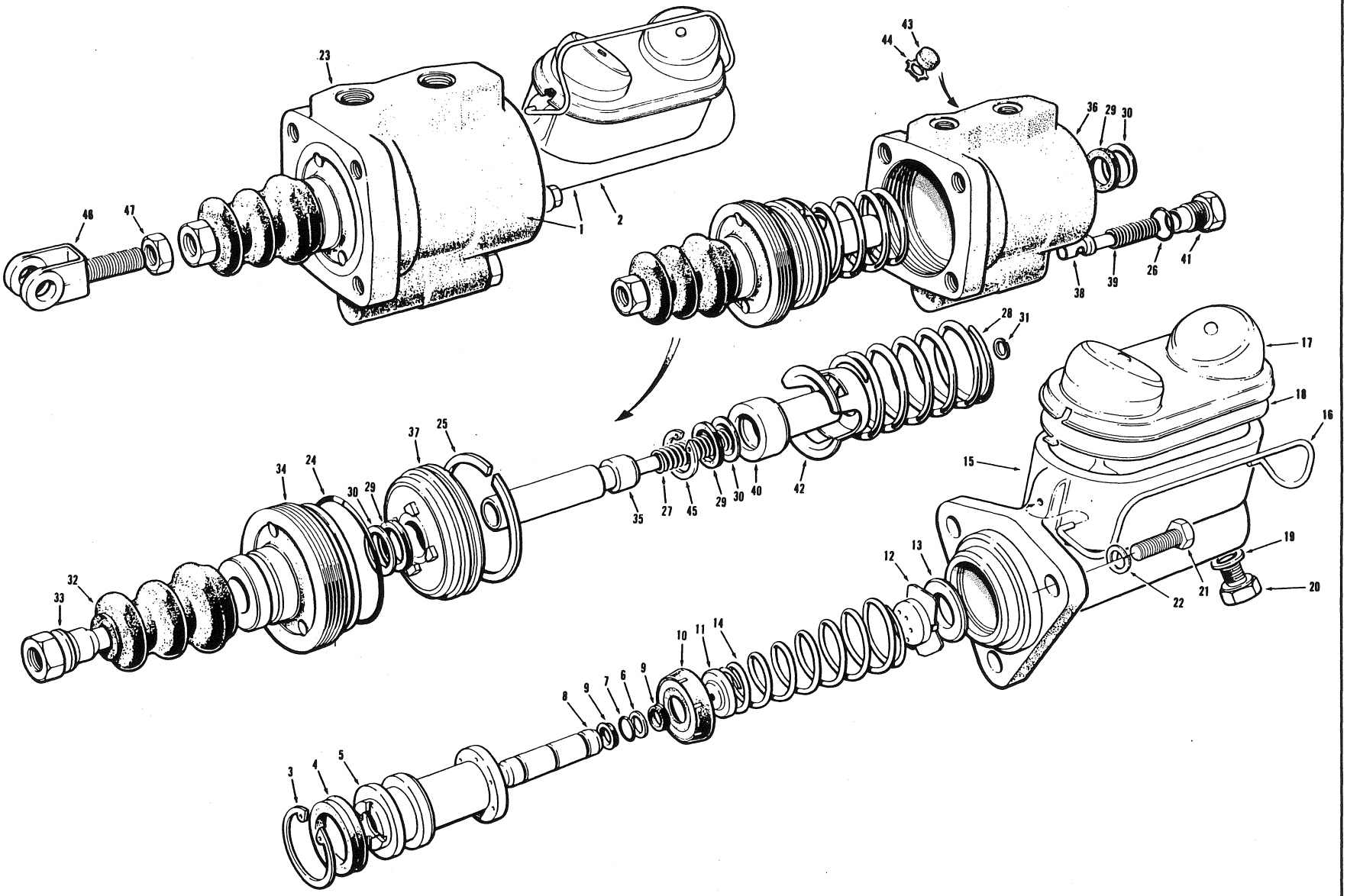
FEBRUARY 1989

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

MASTER CYLINDER & BOOSTER ASSEMBLY - POWER BRAKES

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	43900	BRAKE MASTER CYLINDER & POWER BOOSTER ASSEMBLY - INCLUDES ITEMS 3 TO 44	1	
2	44217	BRAKE MASTER CYLINDER ASSEMBLY - INCLUDES ITEMS 3 TO 20	1	
	33931	REPAIR KIT - MASTER CYLINDER - INCLUDES ITEMS 3 TO 15	A.R.	
3		RETAINING RING	1	
4		CUP	1	
5		PISTON	1	
6		BACK-UP RING	1	
7		O RING	1	
8		PISTON	1	
9		CUP	2	
10		CUP	1	
11		RETAINER	1	
12	36499	GASKET - VENTED PLUG	1	
13		CHECK VALVE	1	
14		VALVE SEAT	1	
15		SPRING	1	
16		HOUSING	1	
17	7844	PLUG	1	
18	8159	CONNECTOR	1	
19	43903	VENTED PLUG	1	
20	105C-1208	WASHER	2	
21	50A-0610	BOLT	3	
22	14A-06	LOCKWASHER	3	
23	36412	POWER BOOSTER ASSEMBLY - INCLUDES ITEMS 24 TO 44	1	
	36494	REPAIR KIT - BOOSTER ASSEMBLY - INCLUDES ITEMS 24 TO 32	A.R.	
24		O RING	1	
25		PISTON RING	1	
26		O RING	1	
27		SPRING	1	
28		SPRING	1	
29		CUP	3	
30		BACK-UP RING	3	
31		RETAINING RING	1	
32	36497	BOOT	1	
33	36498	PUSH ROD	1	
34		END PLUG	1	
35		PISTON	1	
36		HOUSING	1	
37		PISTON	1	
38		VALVE STEM	1	
39		SPRING	1	
40		PISTON	1	
41		END PLUG	1	
42		RETAINER	1	
43		SNUBBER	1	
44		RETAINING RING	1	
45	36463	CLEVIS	1	
46	31D-08	JAM NUT	1	



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

19450 to 19457, 19459 to 19564, 19566, 19567, 19590, 19593, 19611, 19615 and 19617

700 SERIES
SERIE 700

SECTION 9 PAGE 3
SECCION 9 PAGINA 3

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

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Nº DE EDICION

3 REVISION A

MASTER CYLINDER & BOOSTER ASSEMBLY - POWER BRAKES

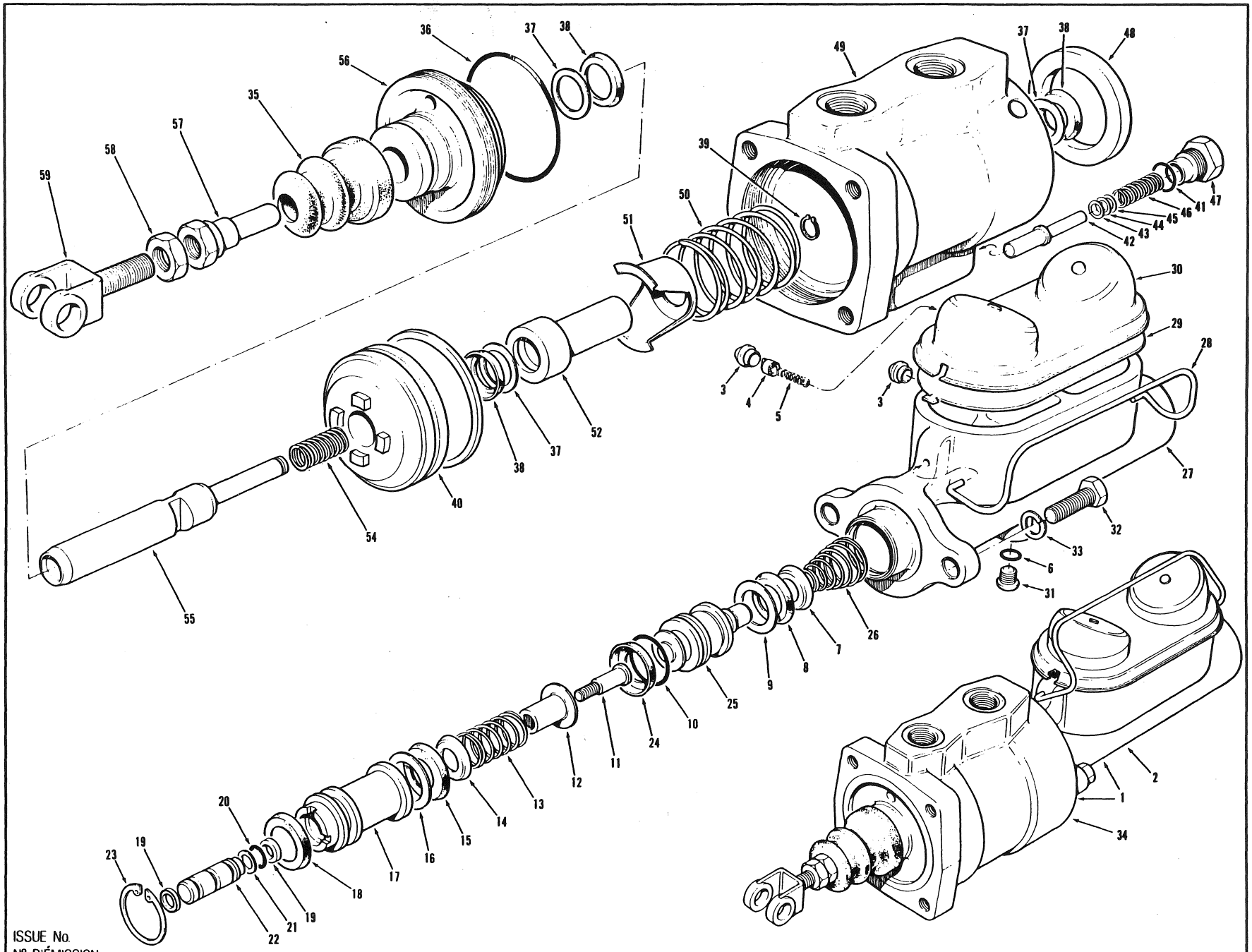
MAY 1990

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MASTER CYLINDER & BOOSTER ASSEMBLY - POWER BRAKES

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	49376	**BRAKE MASTER CYLINDER & POWER BOOSTER ASSEMBLY - INCLUDES ITEMS 3 TO 46**	1	
2	49310	**BRAKE MASTER CYLINDER ASSEMBLY - INCLUDES ITEMS 3 TO 20**	1	
	33931	**REPAIR KIT - MASTER CYLINDER - INCLUDES ITEMS 3 TO 14**	1 ea.	
3		RETAINING RING	1	
4		CUP	1	
5		PISTON	1	
6		BACK-UP RIING	1	
7		O RING	1	
8		PISTON	1	
9		CUP	2	
10		CUP	1	
11		RETAINER	1	
12		CHECK VALVE	1	
13		VALVE SEAT	1	
14		SPRING	1	
15		HOUSING	1	
16	49992	HOOK	1	
17	49993	COVER	1	
18	49994	DIAPHRAM	1	
19	105C-1208	WASHER	1	
20	105D-0408	CONNECTOR	1	
21	50A-0610	BOLT	3	
22	14A-06	LOCKWASHER	3	
23	36412	**POWER BOOSTER ASSEMBLY - INCLUDES ITEMS 24 TO 45**	1	
	36494	**REPAIR KIT - BOOSTER ASSEMBLY - INCLUDES ITEMS 24 TO 32 & 45**	1 ea.	
24		O RING	1	
25		PISTON RING	1	
26		O RING	1	
27		SPRING	1	
28		SPRING	1	
29		CUP	3	
30		BACK-UP RING	3	
31		RETAINING RING	1	
32	36497	BOOT	1	
33	36498	PUSH ROD	1	
34		END PLUG	1	
35		PISTON	1	
36		HOUSING	1	
37		PISTON	1	
38		VALVE STEM	1	
39		SPRING	1	
40		PISTON	1	
41		END PLUG	1	
42		RETAINER	1	
43		SNUBBER	1	
44		RETAINING RING	1	
45	*	RETAINING RING	1	
46	36463	CLEVIS	†	
47	31D-08	JAM NUT	1	



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Nº DE EDICION 1 REVISION A

MASTER CYLINDER & BOOSTER ASSEMBLY - DUAL BRAKES

MAY 1988

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NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

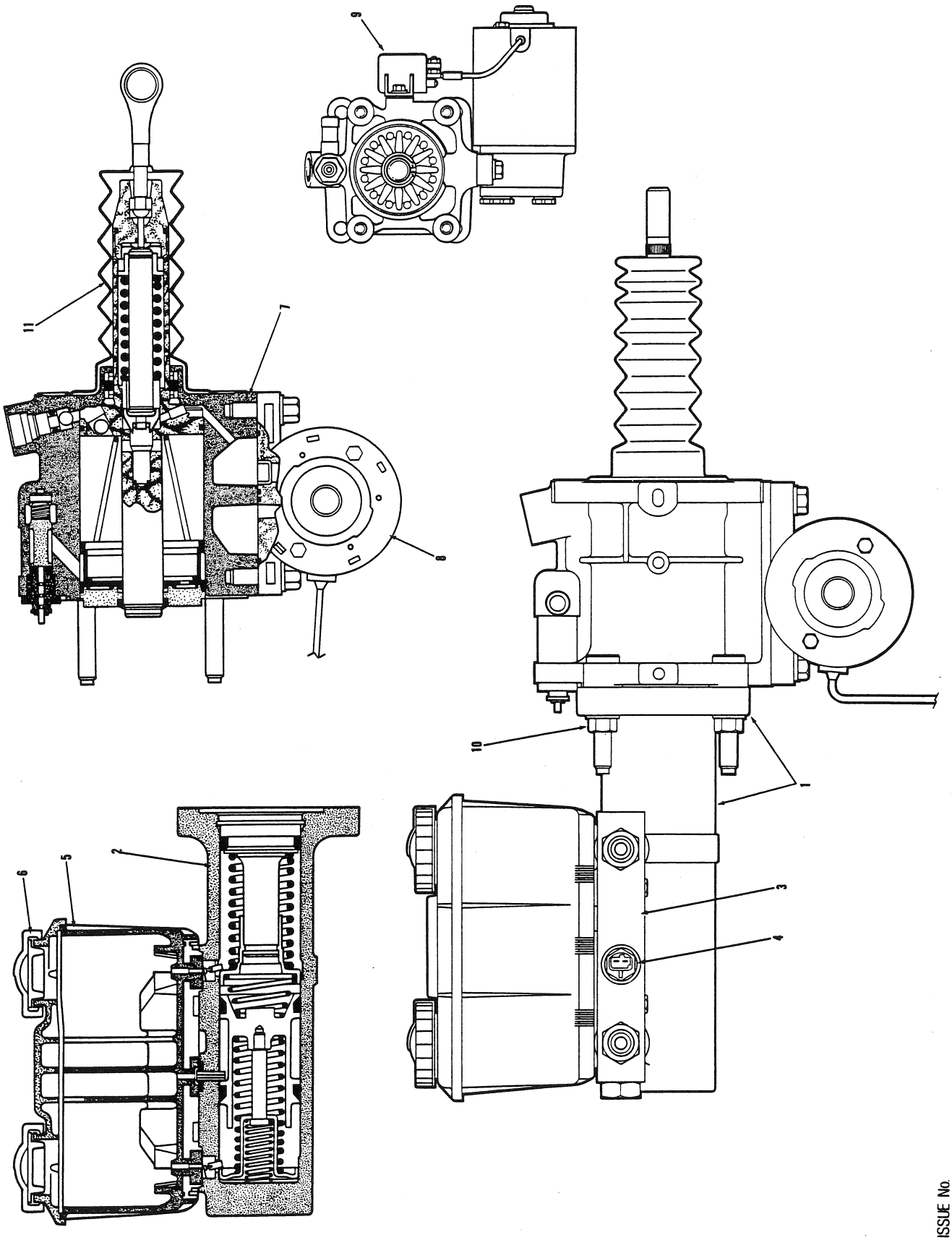
SECTION 9
SECCION
PAGE 5
PAGINA

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

MASTER CYLINDER & BOOSTER ASSEMBLY - DUAL BRAKES

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	27053	BRAKE MASTER CYLINDER & POWER BOOSTER ASSEMBLY - INCLUDES ITEMS 2 TO 57	1	
2	28185	BRAKE MASTER CYLINDER ASSEMBLY - INCLUDES ITEMS 3 TO 31	1	
	28182	REPAIR KIT - MASTER CYLINDER - INCLUDES ITEMS 3 TO 24	A.R.	
3		INSERT	2	
4		VALVE	2	
5		SPRING	2	
6		O RING	1	
7		RETAINER	1	
8		CUP	1	
9		WASHER	1	
10		O RING	1	
11		SCREW	1	
12		RETAINER	1	
13		SPRING	1	
14		RETAINER	1	
15		CUP	1	
16		WASHER	1	
17		PISTON	1	
18		CUP	1	
19		CUP	2	
20		O RING	1	
21		BACK-UP RING	1	
22		PISTON	1	
23		RETAINER RING	1	
24		CUP	1	
25		PISTON	1	
26		SPRING	1	
27		HOUSING	1	
28	*49269	HOOK	1	
29	*49267	DIAPHRAM	1	
30	*49268	COVER	1	
31		SCREW	1	
32	50A-0610	BOLT	2	
33	14A-06	LOCKWASHER	2	
34	28184	POWER BOOSTER ASSEMBLY - INCLUDES ITEMS 35 TO 47,49 TO 57	1	
	28183	REPAIR KIT -BOOSTER ASSEMBLY - INCLUDES ITEMS 35 TO 41	A.R.	
35	*7799	BOOT	1	
36		O RING	1	
37		BACK-UP RING	3	
38		CUP	3	
39		RETAINING RING	1	
40		PISTON RING	1	
41		O RING	1	
42		VALVE STEM	1	
43		SHIM	A.R.	
44		SHIM	A.R.	
45		SHIM	A.R.	
46		SPRING	1	
47		PLUG	1	
48	*49270	SPACER	1	
49		HOUSING	1	
50		SPRING	1	
51		RETAINER	1	
52		PISTON	1	
53		PISTON	1	
54		SPRING	1	
55		PISTON	1	
56		END PLUG	1	
57	*36498	PUSH ROD	1	
58	31D-08	JAM NUT	1	
59	36463	CLEVIS	1	

CHAMPION ROAD MACHINERY



MASTER CYLINDER & BOOSTER ASSEMBLY - DRUM BRAKES

JUNE 1989

ISSUE No.
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NUMERO(S) DE SERIE EFECTIVO(S)

19431, 19458, 19565, 19566, 19568 to 19578, 19580 to 19589, 19591, 19592, 19594 to 19610, 19612 to 19614, 19616, 19618 & UP

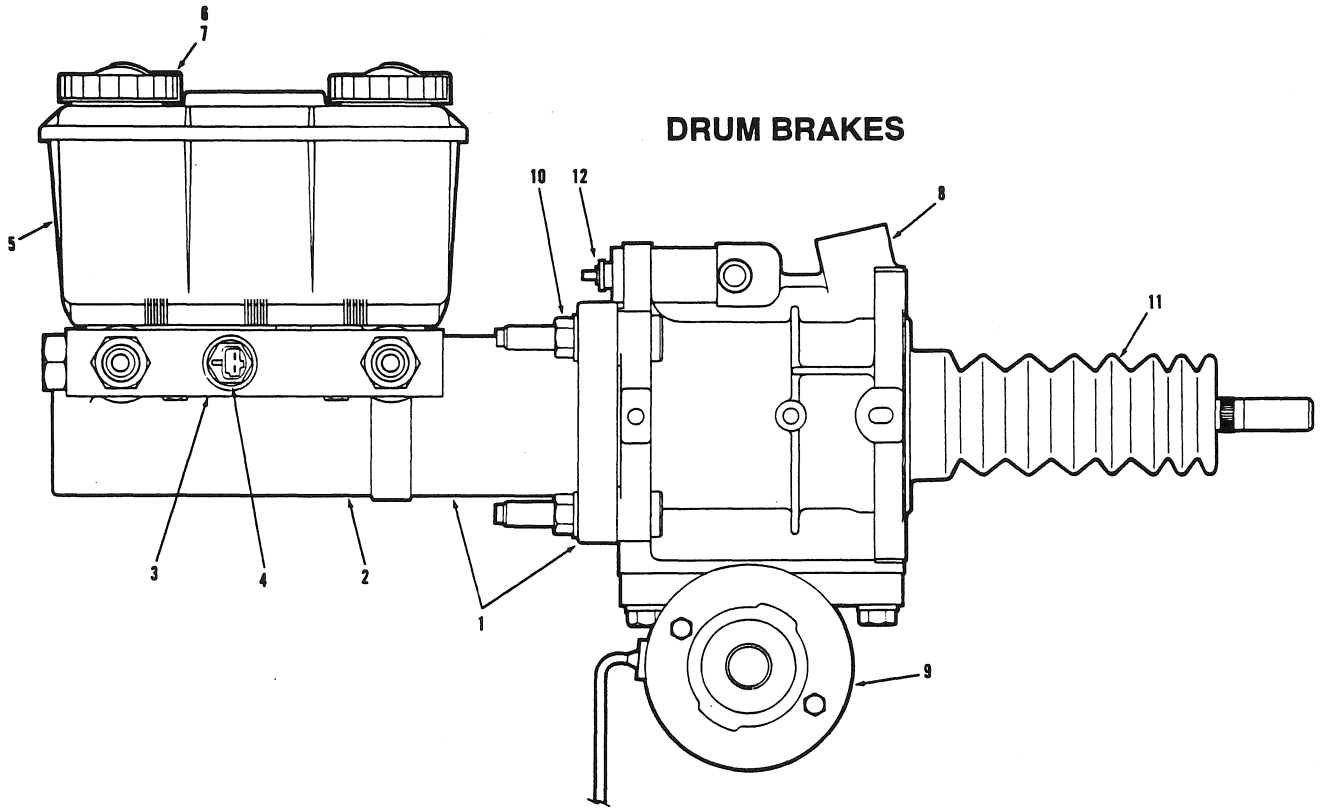
700 SERIES
SERIE 700

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

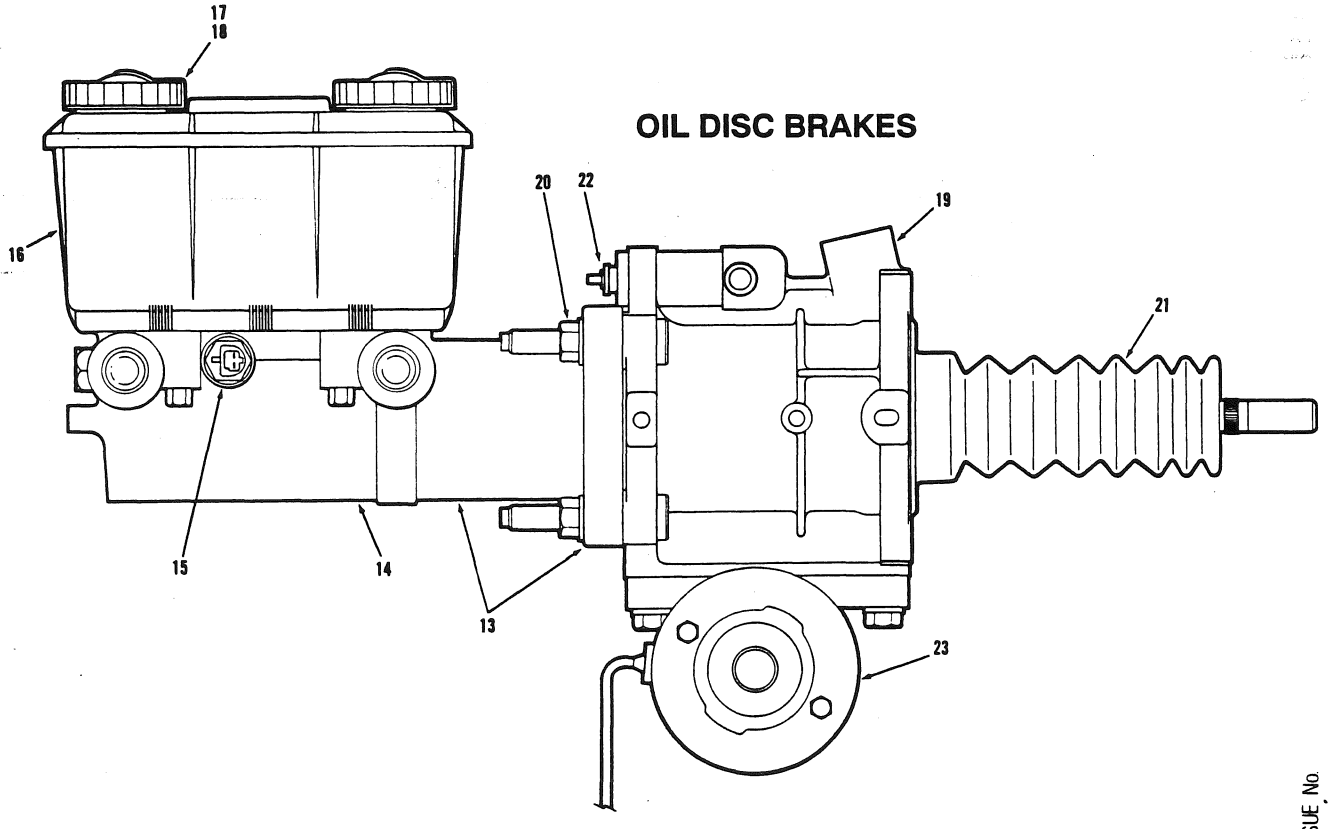
MASTER CYLINDER & BOOSTER ASSEMBLY - DRUM BRAKES

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	49337	MASTER CYLINDER & POWER BOOSTER ASSY.	1	
2	53031	MASTER CYLINDER ASSY.	1	
	53032	REPAIR KIT - MASTER CYLINDER	1	
3	53033	PRESSURE SWITCH ASSY. - INCLUDES ITEM 4	1	
4	53034	SWITCH	1	
5	53035	RESERVOIR	1	
6	53036	CAP	1	
7	53037	POWER BOOSTER ASSY.	1	
8	53038	PUMP & MOTOR	1	
	53039	REPAIR KIT - POWER BOOSTER ASSY.	1	
9	*53043	RELAY	1	
10	*53044	NUT	4	
11	*53045	BOOT	1	

DRUM BRAKES



OIL DISC BRAKES



MASTER CYLINDER & BOOSTER ASSEMBLY

DECEMBER 1991

ISSUE No
Nº D'ÉMISSION
Nº DE EDICION **3 REVISION B**

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

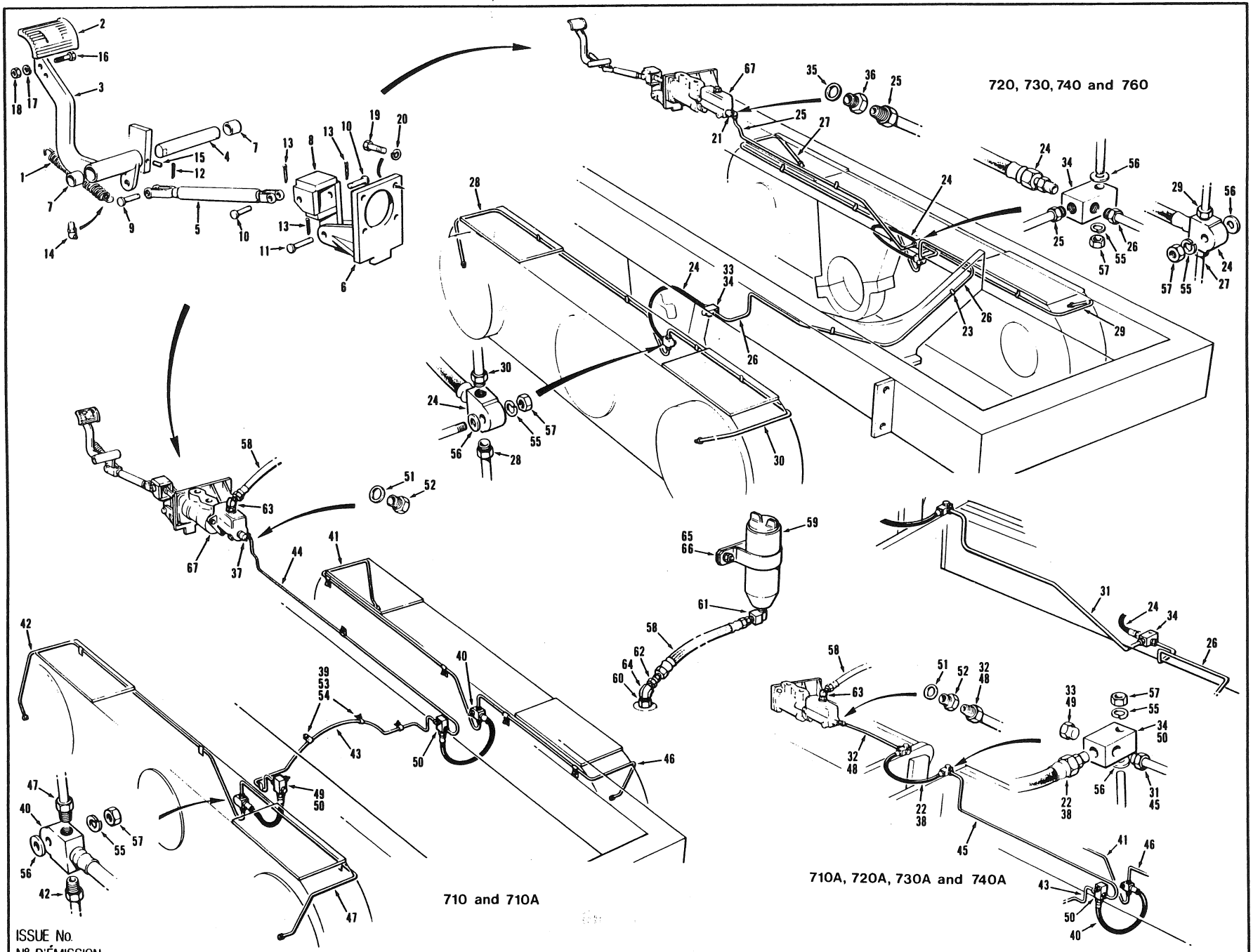
Models 710 thru 740A
21134 & UP
Models 750 thru 780A
21386 & UP

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

MASTER CYLINDER & BOOSTER ASSEMBLY

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		DRUM BRAKES		
1	49337	MASTER CYLINDER & POWER BOOSTER ASSEMBLY	1	
2	53031	MASTER CYLINDER ASSEMBLY	1	
	53032	REPAIR KIT FOR 53031 - MASTER CYLINDER ASSEMBLY	1 per	
3	53033	PRESSURE SWITCH ASSEMBLY - INCLUDES ITEM 4	1	
5	53035	RESERVOIR	1	
6	53036	CAP	2	
7	58858	DIAPHRAM	2	
8	53037	POWER BOOSTER ASSEMBLY	1	
	53039	REPAIR KIT FOR 53037 - POWER BOOSTER ASSEMBLY	1 per	
9	53038	PUMP & MOTOR	1	
10	53044	NUT	4	
11	53045	BOOT	1	
12	56260	FLOW SWITCH	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		OIL DISC BRAKES		
13	56864	MASTER CYLINDER & POWER BOOSTER ASSEMBLY	1	
14	58745	MASTER CYLINDER ASSEMBLY	1	
	58746	REPAIR KIT FOR 58745 - MASTER CYLINDER ASSEMBLY	1 per	
15	53034	SWITCH	1	
16	58747	RESERVOIR	1	
17	58748	CAP	2	
18	58749	DIAPHRAM	2	
19	58750	POWER BOOSTER ASSEMBLY	1	
20	53044	NUT	1	
21	53045	BOOT	1	
22	56260	FLOW SWITCH	1	
23	53038	PUMP & MOTOR	1	



EFFECTIVE SERIAL NUMBER(S) 16224, 16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 9 PAGE 7
SECCION 9 PAGINA 7

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

BRAKE PEDAL & CIRCUIT INSTALLATION - POWER BRAKES

NOVEMBER 1985

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

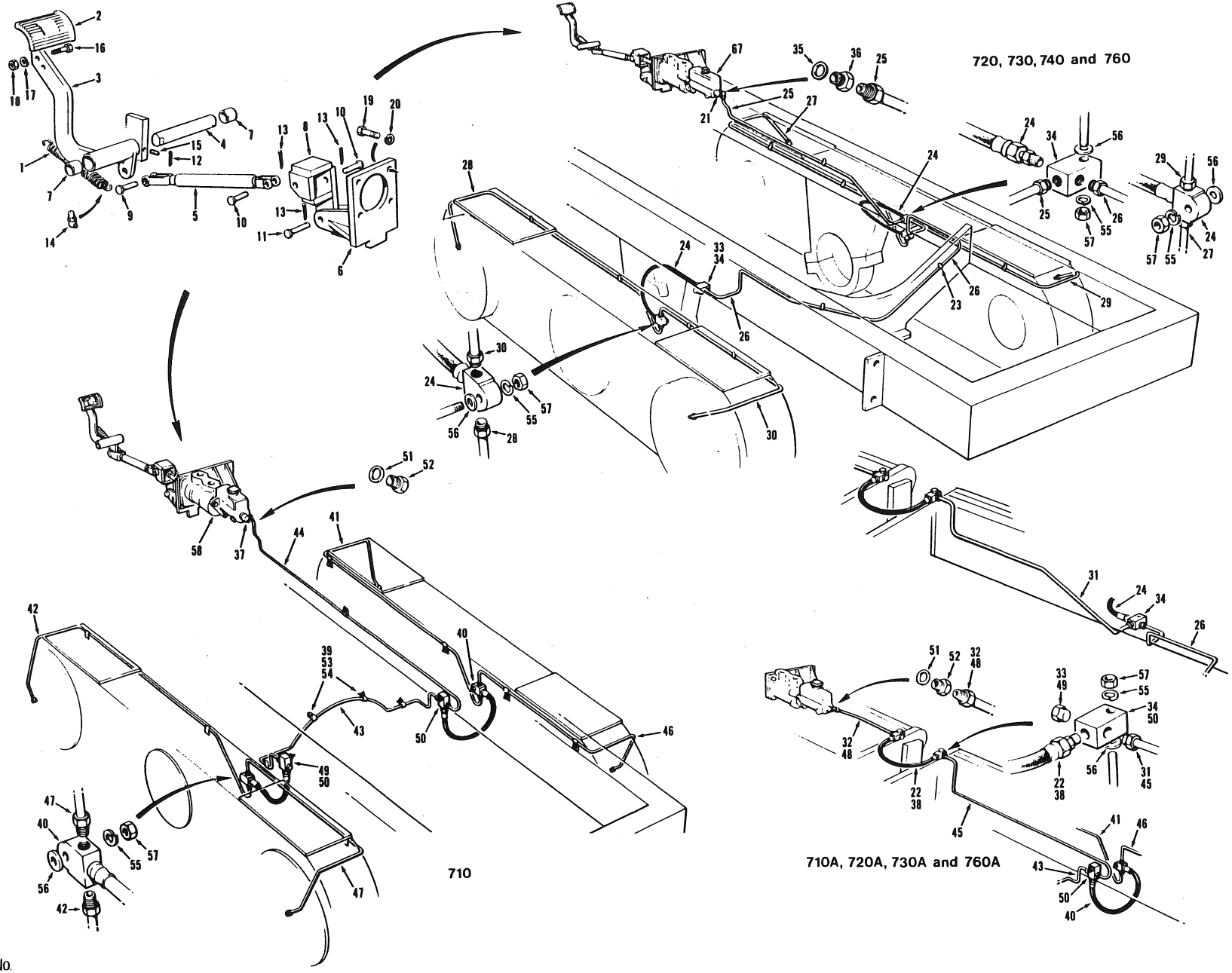
SECTION / SECCION 9 — PAGE / PAGINA 8 — ISSUE No. / N° D'ÉMISSION / N° DE EDICION 1 REVISION A

BRAKE PEDAL & CIRCUIT INSTALLATION - POWER BRAKES

NOVEMBER 1985

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		BRAKE PEDAL INSTALLATION		
1	670	SPRING	1	
2	28646	PAD	1	
3	28742	LEVER	1	
4	28744	SHAFT	1	
5	32417	ROD	1	
6	32421	PIVOT MOUNT	1	UP TO APROX S/N 16758 & U.S. 2278-2
7	32824	BUSHING	2	
8	36458	WALKING BEAM	1	
9	10A-0616	CLEVIS PIN	1	
10	10A-0820	CLEVIS PIN	2	
11	10A-0828	CLEVIS PIN	1	
12	13A-0316	COTTER PIN	1	
13	13A-0420	COTTER PIN	3	
14	29B-01	GREASE FITTING	1	
15	70B-0405	SET SCREW	2	
16	50A-0610	BOLT	2	
17	14A-06	LOCKWASHER	2	
18	30A-06	NUT	2	
19	50A-0718	BOLT	4	
20	14A-07	LOCKWASHER	4	
		BRAKE CIRCUIT INSTALLATION MODEL 720, 720A, 730, 730A, 740, 740A & 760		
21	1684	SWITCH - BRAKE LIGHT	1	
22	24223 X 17	HOSE	1	720A, 730A & 740A
23	25168	CLIP - SINGLE	A.R.	
	*25169	CLIP - DOUBLE	A.R.	
24	32179	HOSE	2	
25	32181	TUBE	1	720, 730, 740 & 760
26	32182	TUBE	1	
27	*32220	TUBE - FRONT - R.H.	1	
28	*32221	TUBE - FRONT - L.H.	1	
29	*32904	TUBE - REAR - R.H.	1	
30	*32905	TUBE - REAR - L.H.	1	
31	32207	TUBE	1	720A, 730A & 740A
32	36366	TUBE	1	
33	100C-04	PLUG	A.R.	
34	105B-0404	CONNECTOR	A.R.	
35	105C-1208	WASHER	1	
36	105D-0408	ADAPTER	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		BRAKE CIRCUIT INSTALLATION MODEL 710 & 710A		
37	1684	SWITCH - BRAKE LIGHT	1	
38	24223 X 17	HOSE	1	710A
39	25168	CLIP - SINGLE	A.R.	
40	32179	HOSE	2	
41	32220	TUBE - FRONT - R.H.	1	2 & 4 WHEEL BRAKES
42	32221	TUBE - FRONT - L.H.	1	
43	32840	TUBE	1	
44	32841	TUBE	1	710
45	32842	TUBE	1	710A
46	32904	TUBE - REAR - R.H.	1	4 WHEEL BRAKES
47	32905	TUBE - REAR - L.H.	1	
48	36366	TUBE	1	710A
49	100C-04	PLUG	A.R.	
50	105B-0404	CONNECTOR	2	710
			4	710A
51	105C-1208	WASHER	1	
52	105D-0408	ADAPTER	1	
53	14A-04	LOCKWASHER	A.R.	
54	30A-04	NUT	A.R.	
55	14A-05	LOCKWASHER	A.R.	
56	14C-05	FLATWASHER	A.R.	
57	30A-05	NUT	A.R.	
		MASTER CYLINDER RESERVOIR INSTALLATION		
58	24223 X 17	HOSE	1	
59	28958	AUXILIARY RESERVOIR	1	
60	28959	FILLER CAP - UNVENTED	1	
61	100J-0402	CONNECTOR	1	
62	100D-0402	CONNECTOR	1	AS REQUIRED
63	100H-0402	CONNECTOR	1	
64	103N-02	CONNECTOR	1	
65	14A-06	LOCKWASHER	1	
66	30A-06	NUT	1	
67		MASTER CYLINDER ASSEMBLY	REF.	SECTION 9 PAGE 3/4



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2

BRAKE PEDAL & CIRCUIT INSTALLATION - POWER BRAKES

MAY 1986

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 17049 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2515-2 & UP

700 SERIES
SERIE 700

SECTION 9 PAGE 7
SECCION 9 PAGINA 7

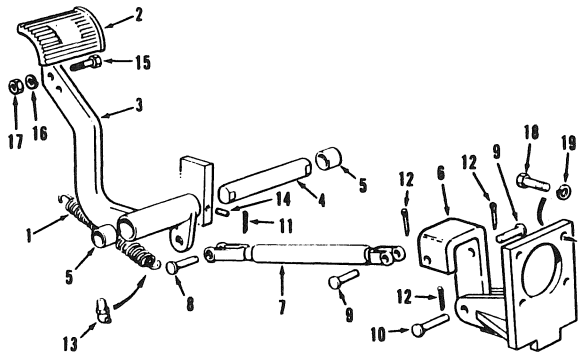
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

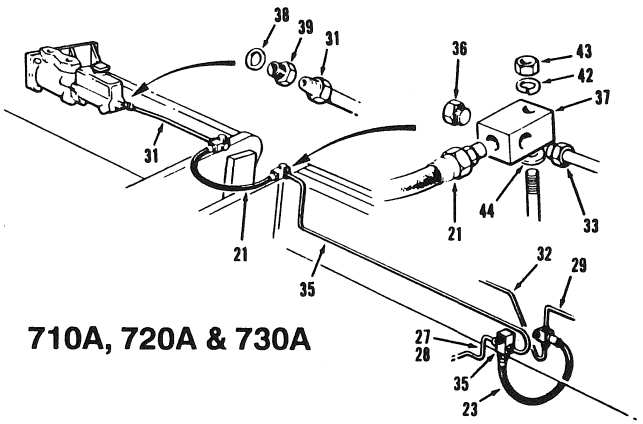
FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

BRAKE PEDAL & CIRCUIT INSTALLATION - POWER BRAKES

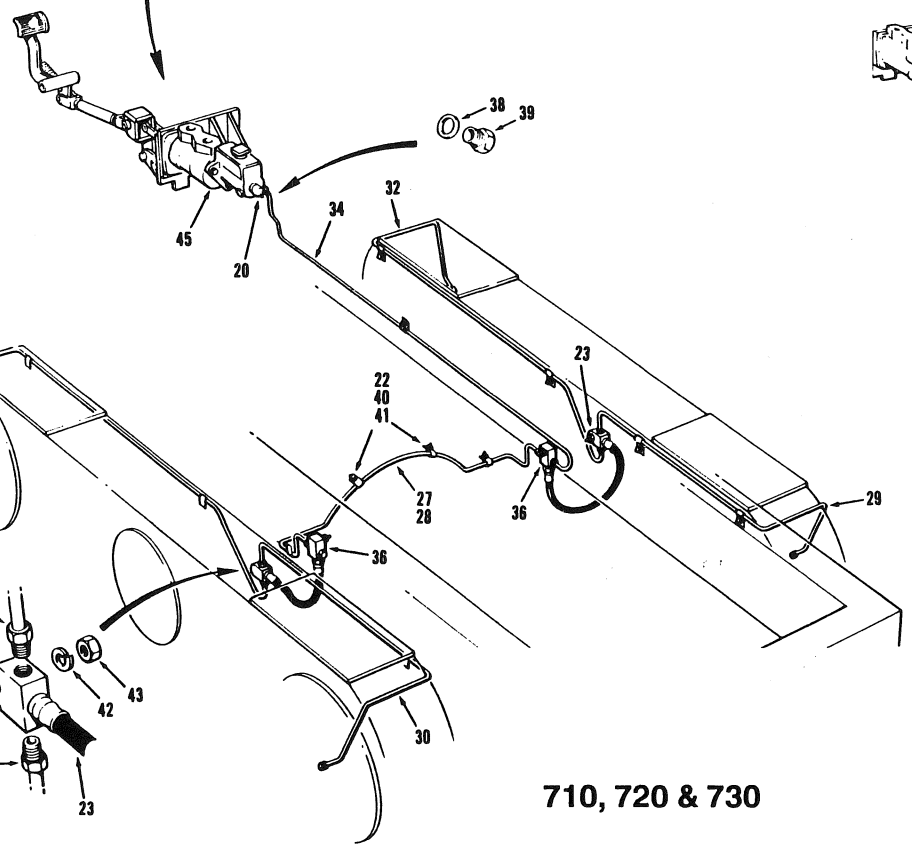
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		BRAKE PEDAL INSTALLATION		
1	670	SPRING	1	
2	28646	PAD	1	
3	28742	LEVER	1	
4	28744	SHAFT	1	
5	32417	ROD	1	
6	32421	PIVOT MOUNT	1	UP TO APROX. S/N 16758 & U.S. 2278-2
7	32824	BUSHING	2	
8	36458	WALKING BEAM	1	
9	10A-0616	CLEVIS PIN	1	
10	10A-0820	CLEVIS PIN	2	
11	10A-0828	CLEVIS PIN	1	
12	13A-0316	COTTER PIN	1	
13	13A-0420	COTTER PIN	3	
14	29B-01	GREASE FITTING	1	
15	70B-0405	SET SCREW	2	
16	50A-0610	BOLT	2	
17	14A-06	LOCKWASHER	2	
18	30A-06	NUT	2	
19	50A-0718	BOLT	4	
20	14A-07	LOCKWASHER	4	
		BRAKE CIRCUIT INSTALLATION MODEL 720, 720A, 730, 730A, 740, 740A, 760, 760A		
21	1684	SWITCH - BRAKE LIGHT	1	
22	24223 X 17	HOSE	1	720A, 730A 740A, 760A
23	25168	CLIP - SINGLE	A.R.	
	25169	CLIP - DOUBLE	A.R.	
24	32179	HOSE	2	
25	32181	TUBE	1	720, 730, 740 & 760
26	32182	TUBE	1	
27	32220	TUBE - FRONT - R.H.	1	
28	32221	TUBE - FRONT - L.H.	1	
29	32904	TUBE - REAR - R.H.	1	
30	32905	TUBE - REAR - L.H.	1	
31	32207	TUBE	1	720A, 730A
32	36366	TUBE	1	740A, 760A
33	100C-04	PLUG	A.R.	
34	105B-0404	CONNECTOR	A.R.	
35	105C-1208	WASHER	1	
36	105D-0408	ADAPTER	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		BRAKE CIRCUIT INSTALLATION MODEL 710 & 710A		
37	1684	SWITCH - BRAKE LIGHT	1	
38	24223 X 17	HOSE	1	710A
39	25168	CLIP - SINGLE	A.R.	
40	32179	HOSE	2	
41	32220	TUBE - FRONT - R.H.	1	2 & 4 WHEEL BRAKES
42	32221	TUBE - FRONT - L.H.	1	
43	32840	TUBE	1	
44	32841	TUBE	1	710
45	32842	TUBE	1	710A
46	32904	TUBE - REAR - R.H.	1	4 WHEEL BRAKES
47	32905	TUBE - REAR - L.H.	1	
48	36366	TUBE	1	710A
49	100C-04	PLUG	A.R.	
50	105B-0404	CONNECTOR	2	710
			4	710A
51	105C-1208	WASHER	1	
52	105D-0408	ADAPTER	1	
53	14A-04	LOCKWASHER	A.R.	
54	30A-04	NUT	A.R.	
55	14A-05	LOCKWASHER	A.R.	
56	14C-05	FLATWASHER	A.R.	
57	30A-05	NUT	A.R.	
58		MASTER CYLINDER ASSEMBLY	REF.	SECTION 9 PAGE 3/4

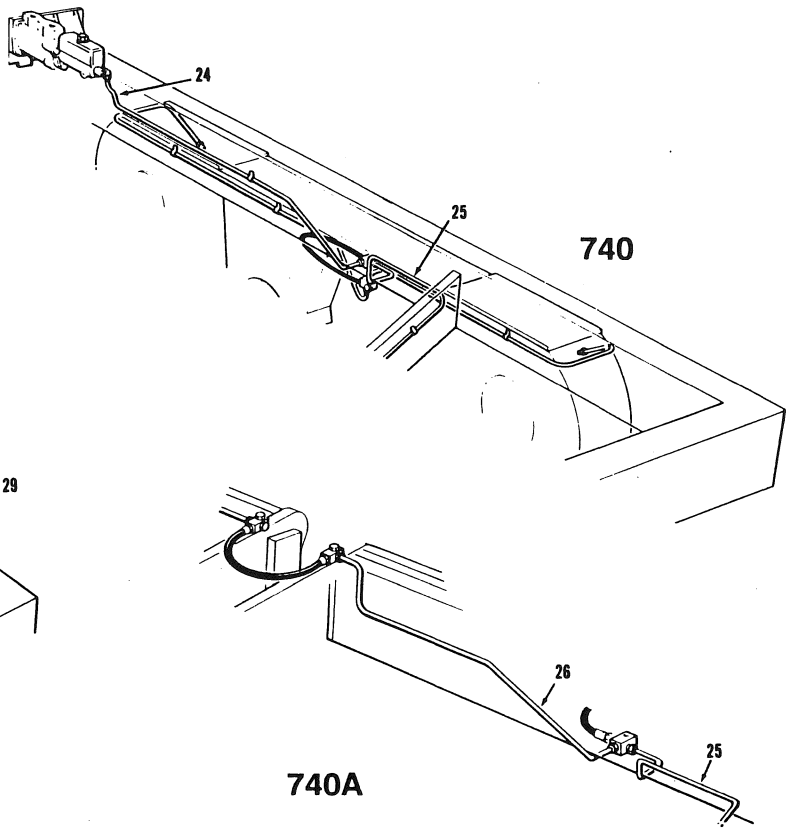




710A, 720A & 730A



710, 720 & 730



740

740A

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

BRAKE PEDAL & CIRCUIT INSTALLATION - POWER BRAKES - MODELS 710 THRU 740A

APRIL 1989

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EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

SEE OVER

700 SERIES
SERIE 700

SECTION 9 PAGE 7
SECCION 9 PAGINA 7

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		BRAKE PEDAL INSTALLATION		
1	670	SPRING	1	
2	28646	PAD	1	
3	28742	LEVER	1	
4	28744	SHAFT	1	
5	32824	BUSHING	2	
6	*44620	WALKING BEAM	1	
7	*44638	ROD	1	
8	*10A-0618	CLEVIS PIN	1	
9	10A-0820	CLEVIS PIN	2	
10	10A-0828	CLEVIS PIN	1	
11	13A-0316	COTTER PIN	1	
12	13A-0420	COTTER PIN	3	
13	*29F-01	GREASE FITTING	1	
14	*70F-0405	SET SCREW	2	
15	*50A-0612	BOLT	2	
16	14A-06	LOCKWASHER	2	
17	30A-06	NUT	2	
18	*50A-0714	BOLT	4	
19	14A-07	LOCKWASHER	4	
		BRAKE CIRCUIT INSTALLATION		
20	1684	SWITCH - BRAKE LIGHT	1	
21	24223 X 17	HOSE	1	ARTIC.
	25168	CLIP - SINGLE	A.R.	
22	25169	CLIP - DOUBLE	A.R.	
23	32179	HOSE	2	
24	32181	TUBE	1	740
25	32182	TUBE	1	740/740A
26	32207	TUBE	1	740A
27	*48860	TUBE	1	730/730A
28	*49646	TUBE	1	710 THRU 720A
29	*49657	TUBE - REAR - R.H.	1	RIGID
30	*49658	TUBE - REAR - L.H.	1	RIGID
31	*49667	TUBE	1	ARTIC.
32	*49668	TUBE - FRONT - R.H.	1	RIGID
33	*49669	TUBE - FRONT - L.H.	1	RIGID
34	*49670	TUBE	1	RIGID
35	*49671	TUBE	1	ARTIC.
36	100C-04	PLUG	A.R.	
37	105B-0404	CONNECTOR	A.R.	
38	105C-1208	WASHER	1	
39	105D-0408	ADAPTER	1	
40	14A-04	LOCKWASHER	A.R.	
41	30A-04	NUT	A.R.	
42	14A-05	LOCKWASHER	A.R.	
43	30A-05	NUT	A.R.	
44	*14C-06	FLATWASHER	A.R.	
45		MASTER CYLINDER ASSEMBLY	REF.	SECTION 9 PAGE 4

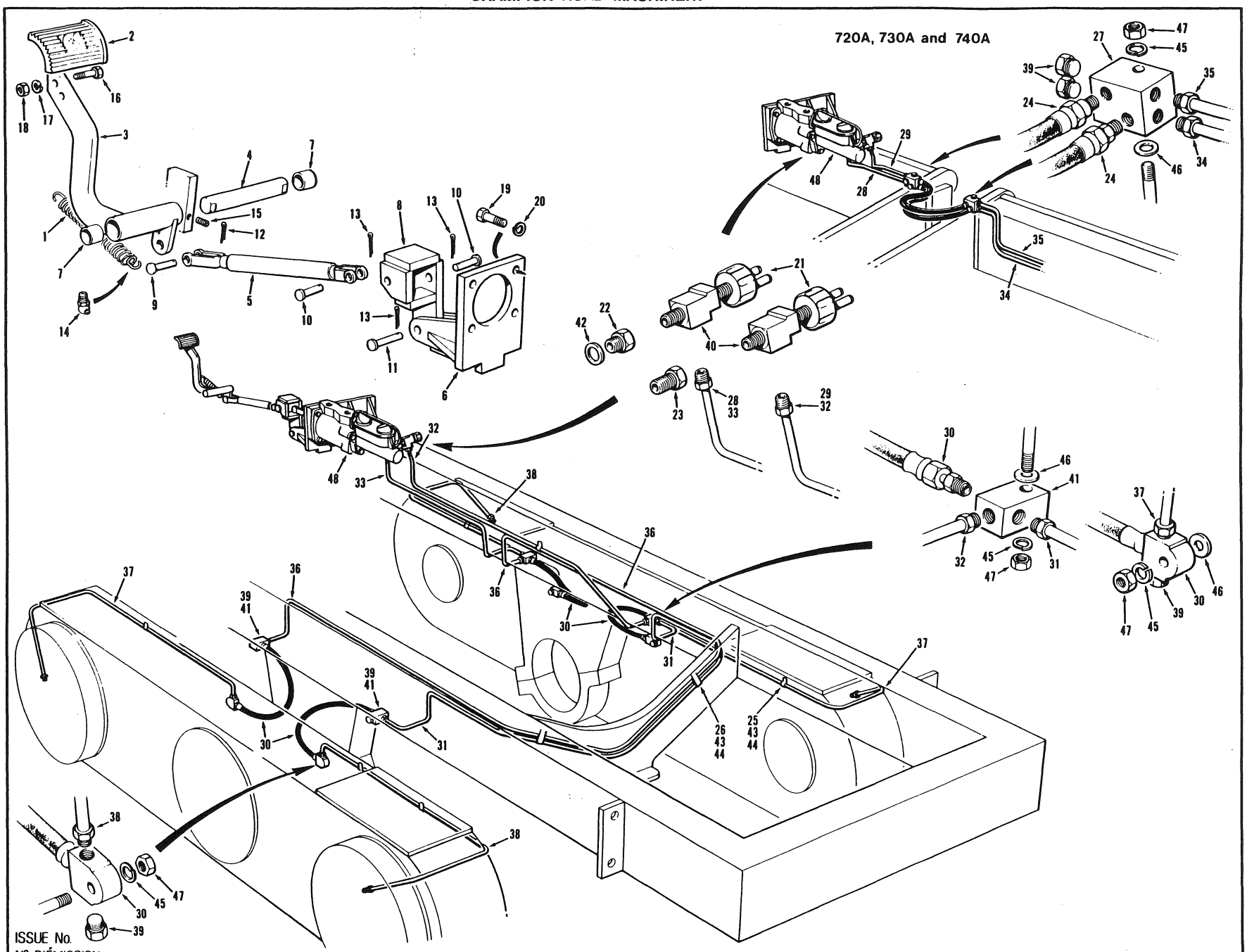
EFFECTIVE SERIAL NUMBERS

MODELS 710/710A
S/N 19492, 19486, 19487, 19488, 19494, 19507, 19508, 19521, 19528, 19529, 19541, 19543, 19544, 19549, 19551, 19553, 19555, 19558, 19559, 19560, 19561, 19567 & 19579.

MODELS 720/720A
S/N 19429, 19430, 19432, 19434, 19439, 19441, 19441, 19444, 19445, 19446, 19447, 19449, 19450, 19451, 19455, 19456, 19468, 19469, 19470, 19471, 19483, 19496, 19498, 19500, 19501, 19502, 10503, 19509, 19510, 19515, 19516, 19519, 19520, 19523, 19526, 19530, 19531, 19536, 19540, 19542, 19545 & 19546.

MODELS 730/730A
S/N 19425, 19427, 19443, 19448, 19463, 19464, 19466, 19467, 19472, 19474, 19478, 19493, 19507, 19511, 19533, 19534, 19538, 19547, 19550, 19564, 19590, 19593, & 19611.

MODELS 740/740A
S/N 17049 TO 19613



ISSUE No.
Nº D'ÉMISSION
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BRAKE PEDAL & CIRCUIT INSTALLATION - DUAL BRAKES

MAY 1989

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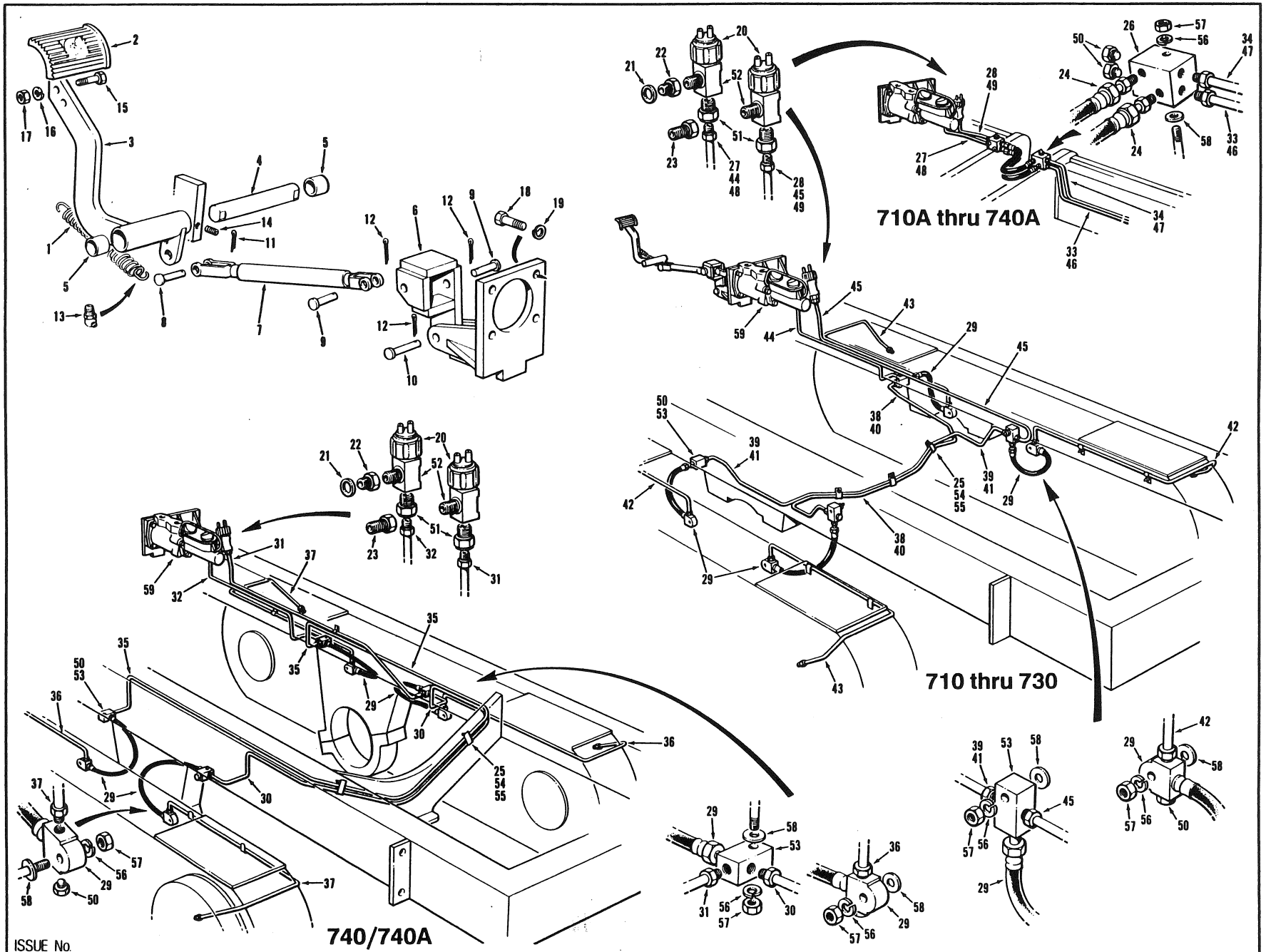
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

SECTION / SECCION 9 | PAGE / PAGINA 10 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 1 REVISION B

BRAKE PEDAL & CIRCUIT INSTALLATION - DUAL BRAKES

MAY 1989

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		BRAKE PEDAL INSTALLATION		
1	670	SPRING	1	
2	28646	PAD	1	
3	28742	LEVER	1	
4	28744	SHAFT	1	
5	32417	ROD	1	
6	32421	PIVOT MOUNT	1	UP TO APROX. S/N 16758 & U.S. 2278-2
7	32824	BUSHING	2	
8	36458	WALKING BEAM	1	
9	10A-0616	CLEVIS PIN	1	
10	10A-0820	CLEVIS PIN	2	
11	10A-0828	CLEVIS PIN	1	
12	13A-0316	COTTER PIN	1	
13	13A-0420	COTTER PIN	3	
14	29B-01	GREASE FITTING	1	
15	70B-0405	SET SCREW	2	
16	50A-0610	BOLT	2	
17	14A-06	LOCKWASHER	2	
18	30A-06	NUT	2	
19	50A-0718	BOLT	4	
20	14A-07	LOCKWASHER	4	
		BRAKE CIRCUIT INSTALLATION		
21	1684	SWITCH - BRAKE LIGHT	2	
22	23306	PLUG - MODIFIED	1	
23	23307	CONNECTOR - MODIFIED	1	
24	24223 X 17	HOSE	2	720A, 730A & 740A
25	25168	CLIP - SINGLE	A.R.	
26	25169	CLIP - DOUBLE	A.R.	
27	25211	JUNCTION	2	720A, 730A & 740A
28	32177	TUBE	1	
29	32178	TUBE	1	
30	32179	HOSE	4	
31	32182	TUBE	1	
32	32189	TUBE	1	720, 730, 740 & 760
33	32190	TUBE	1	
34	32191	TUBE	1	720A, 730A & 740A
35	32192	TUBE	1	
36	32193	TUBE	1	
37	32904	TUBE - REAR R.H. & FRONT L.H.	2	
38	32905	TUBE - REAR L.H. & FRONT R.H.	2	
39	100C-04	PLUG	A.R.	
40	100M-0402	TEE	2	
41	105B-0404	CONNECTOR	4	
42	*18823	WASHER	1	
43	14A-04	LOCKWASHER	A.R.	
44	30A-04	NUT	A.R.	
45	14A-05	LOCKWASHER	A.R.	
46	14C-05	FLATWASHER	A.R.	
47	30A-05	NUT	A.R.	
48		MASTER CYLINDER ASSEMBLY	REF.	SECTION 9 PAGE 5/6



ISSUE No.
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BRAKE PEDAL & CIRCUIT INSTALLATION - DUAL BRAKES - MODELS 710 THRU 740A

APRIL 1989

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

SEE OVER

700 SERIES
SERIE 700

SECTION 9 PAGE
SECCION 9 PAGINA 9

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

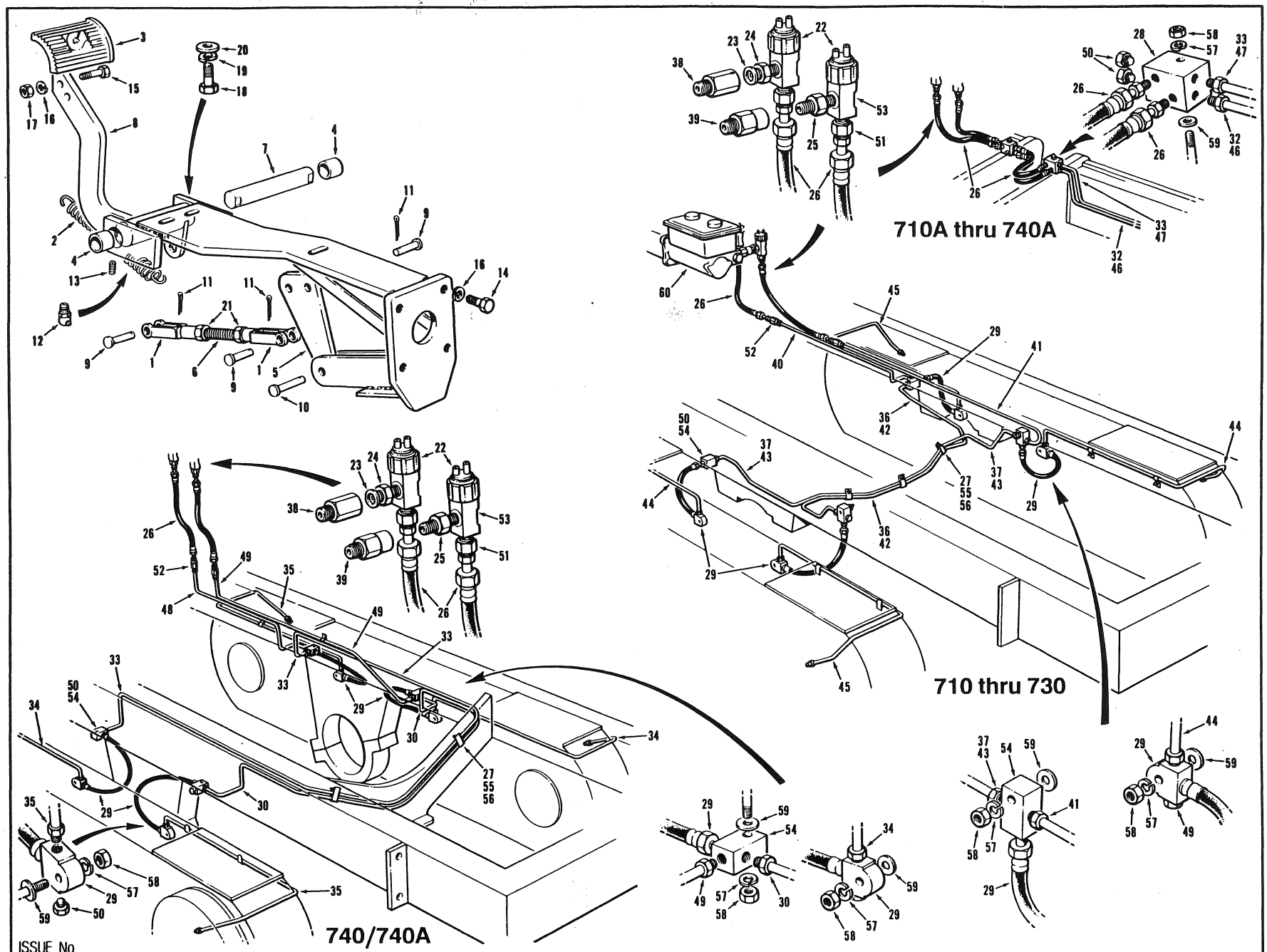
FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

BRAKE PEDAL & CIRCUIT INSTALLATION - DUAL BRAKES - MODELS 710 THRU 740A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		BRAKE PEDAL INSTALLATION		
1	670	SPRING	1	
2	28646	PAD	1	
3	28742	LEVER	1	
4	28744	SHAFT	1	
5	32824	BUSHING	2	
6	*44620	WALKING BEAM	1	
7	*44638	ROD	1	
8	10A-0618	CLEVIS PIN	1	
9	10A-0820	CLEVIS PIN	2	
10	10A-0828	CLEVIS PIN	1	
11	13A-0316	COTTER PIN	1	
12	13A-0420	COTTER PIN	3	
13	*29F-01	GREASE FITTING	1	
14	70F-0405	SET SCREW	2	
15	50A-0610	BOLT	2	
16	14A-06	LOCKWASHER	2	
17	30A-06	NUT	2	
18	50A-0714	BOLT	4	
19	14A-07	LOCKWASHER	4	
		BRAKE CIRCUIT INSTALLATION		
20	1684	SWITCH - BRAKE LIGHT	2	
21	*18823	GASKET - COPPER	1	
22	23306	CONNECTOR - MODIFIED	1	
23	23307	CONNECTOR - MODIFIED	1	
24	24223X17	HOSE	2	710A THRU 740A
25	25169	CLIP - DOUBLE	A.R.	
26	25211	JUNCTION	2	710A THRU 740A
27	32177	TUBE	1	740A
28	32178	TUBE	1	740A
29	32179	HOSE	4	
30	32182	TUBE	1	740/740A
31	32189	TUBE	1	740
32	32190	TUBE	1	740
33	32191	TUBE	1	740A
34	32192	TUBE	1	740A
35	32193	TUBE	1	740/740A
36	32904	TUBE - REAR R.H. & FRONT L.H.	2	
37	32905	TUBE - REAR L.H. & FRONT R.H.	2	
38	*48858	TUBE	1	730/730A
39	*48859	TUBE	1	730/730A
40	*49644	TUBE	1	710 THRU
41	*49645	TUBE	1	720A
42	*49657	TUBE - REAR R.H. & FRONT L.H.	2	710 THRU
43	*49658	TUBE - REAR L.H. & FRONT R.H.	2	730A
44	*49661	TUBE	1	710 THRU
45	*49662	TUBE	1	730
46	*49663	TUBE	1	
47	&49664	TUBE	1	710A THRU
48	*49665	TUBE	1	730A
49	*49666	TUBE	1	
50	100C-04	PLUG	6 or 10	
51	*100D-0402	CONNECTOR	2	
52	*103S-02	TEE	2	
53	105B-0404	TEE	4	
54	14A-04	LOCKWASHER	A.R.	
55	30A-04	NUT	A.R.	
56	14A-05	LOCKWASHER	A.R.	
57	30A-05	NUT	A.R.	
58	*14C-06	FLATWASHER	A.R.	
59		MASTER CYLINDER ASSEMBLY	REF.	SECTION 9 PAGE 6

EFFECTIVE SERIAL NUMBERS

MODELS 710/710A	19482 ONLY
MODELS 720/720A	19429 ONLY
MODELS 730/730A	19425 TO 19428, 19430, 19432 TO 19457, 19459 TO 19564, 19566, 19567, 19590, 19593, 19611, 19615 & 19617
MODELS 740/740A	16224, 16245 TO 19557



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

SEE OVER

700 SERIES
SERIE 700

SECTION 9 PAGE 9
SECCION 9 PAGINA 9

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BRAKE PEDAL & CIRCUIT INSTALLATION - DRUM BRAKES - Models 710 thru 740A

JUNE 1991

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USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

SECTION / SECCION 9 | PAGE / PAGINA 10 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 3 REVISION A

BRAKE PEDAL & CIRCUIT INSTALLATION - DRUM BRAKES - Models 710 thru 740A

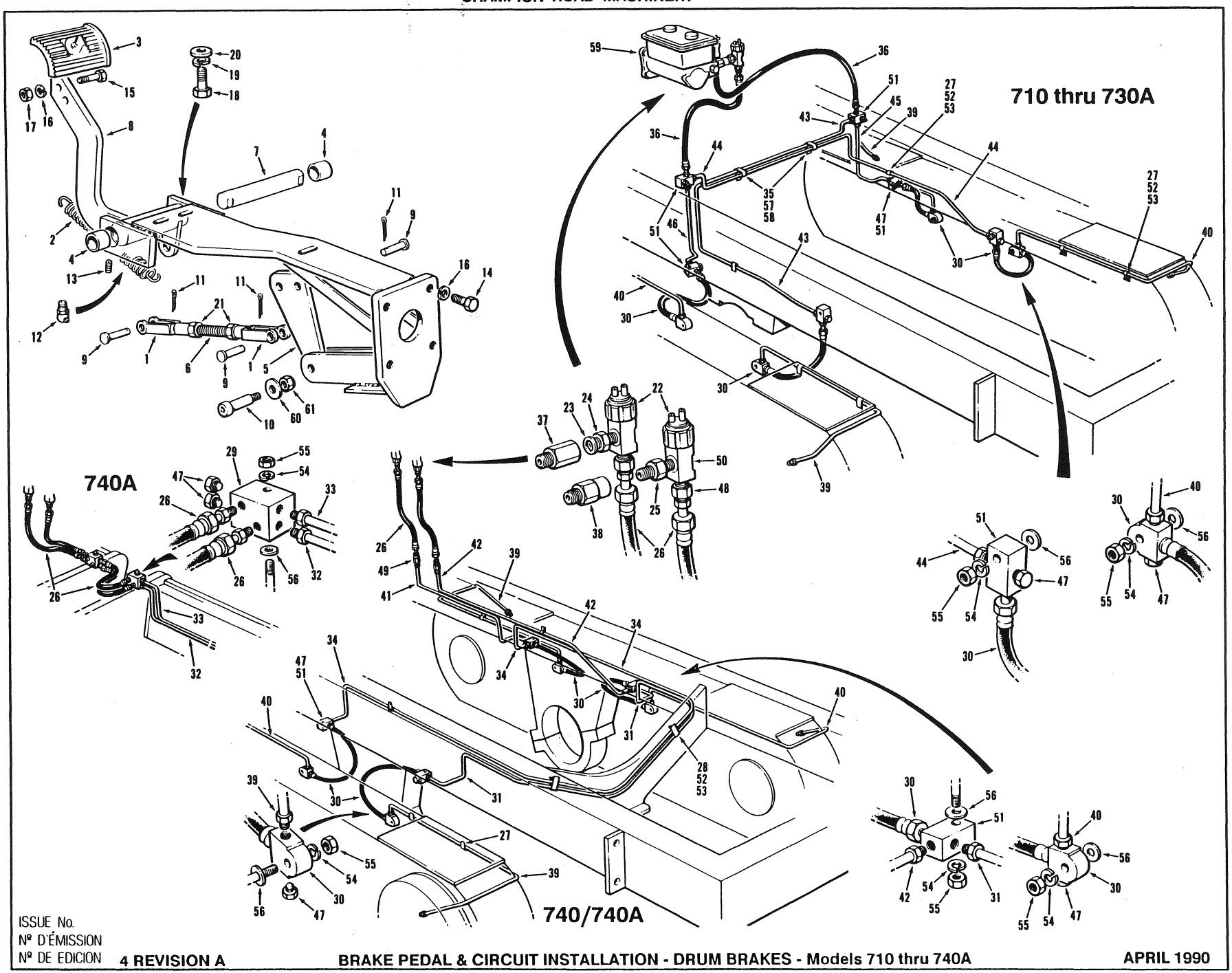
JUNE 1991

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		BRAKE PEDAL INSTALLATION		
1	602	CLEVIS	2	
2	670	SPRING	1	
3	28646	PAD	1	
4	32824	BUSHING	2	
5	48227	PIVOT PLATE	1	
6	48340	ROD	1	
7	48341	SHAFT	1	
8	51295	LEVER	1	
9	10A-0820	CLEVIS PIN	3	
10	10A-0828	CLEVIS PIN	1	
11	13A-0416	COTTER PIN	4	
12	29B-04	GREASE FITTING	1	
13	70B-0405	SET SCREW	2	
14	50A-0610	BOLT	4	
15	50A-0612	BOLT	2	
16	14A-06	LOCKWASHER	6	
17	30AA-06	NUT	2	
18	50A-0810	BOLT	3	
19	14A-08	LOCKWASHER	3	
20	14C-08	FLATWASHER	3	
21	31D-08	NUT	2	
		BRAKE CIRCUIT INSTALLATION		
22	1684	SWITCH - BRAKE LIGHT	2	
23	18823	GASKET - COPPER	1	
24	23306	CONNECTOR - MODIFIED	1	
25	23307	CONNECTOR - MODIFIED	1	
26	24223 x 17	HOSE	2	710 THRU 740
			4	710A THRU 740A
27	25169	CLIP - DOUBLE	A.R.	
28	25211	JUNCTION	2	710A THRU 740A
29	*32179	HOSE	4	
30	32182	TUBE	1	740/740A
31	32191	TUBE	1	740A
32	32192	TUBE	1	740A
33	32193	TUBE	1	
34	32904	TUBE - REAR R.H. & FRONT L.H.	2	740/740A
35	32905	TUBE - REAR L.H. & FRONT R.H.	2	
36	48858	TUBE	1	730/730A
37	48859	TUBE	1	730/730A
38	48972	CHECK VALVE	1	
39	48974	CHECK VALVE	1	
40	49339	TUBE	1	710 THRU
41	49340	TUBE	1	730
42	49644	TUBE	1	710 THRU
43	49645	TUBE	1	720A
44	49657	TUBE - REAR R.H. & FRONT L.H.	2	
45	49658	TUBE - REAR L.H. & FRONT R.H.	2	
46	49663	TUBE	1	710 THRU
47	49664	TUBE	1	730A
48	51253	TUBE	1	740
49	51254	TUBE	1	740
50	100C-04	PLUG	6 or 10	
51	100D-0402	CONNECTOR	2	
52	100G-04	UNION	2	710 THRU 740
53	103S-02	TEE	2	
54	105B-0404	TEE	4	
55	14A-04	LOCKWASHER	A.R.	
56	30A-04	NUT	A.R.	
57	14A-05	LOCKWASHER	A.R.	
58	30A-05	NUT	A.R.	
59	14C-06	FLATWASHER	A.R.	
60		MASTER CYLINDER ASSEMBLY	REF.	Sect 9 Pg 5

EFFECTIVE SERIAL NUMBERS

MODELS 710 thru 730A: 19431, 19458, 19565, 19566, 19568 TO 19578, 19580 TO 19589, 19591, 19592, 19594 TO 19610, 19612, 19613, 19614, 19616, 19618 TO 19896 & 19900

MODELS 740/740A: 19621 TO 19798



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

19897 to 19899, 19901 & UP

700 SERIES
SERIE 700

SECTION 9 PAGE
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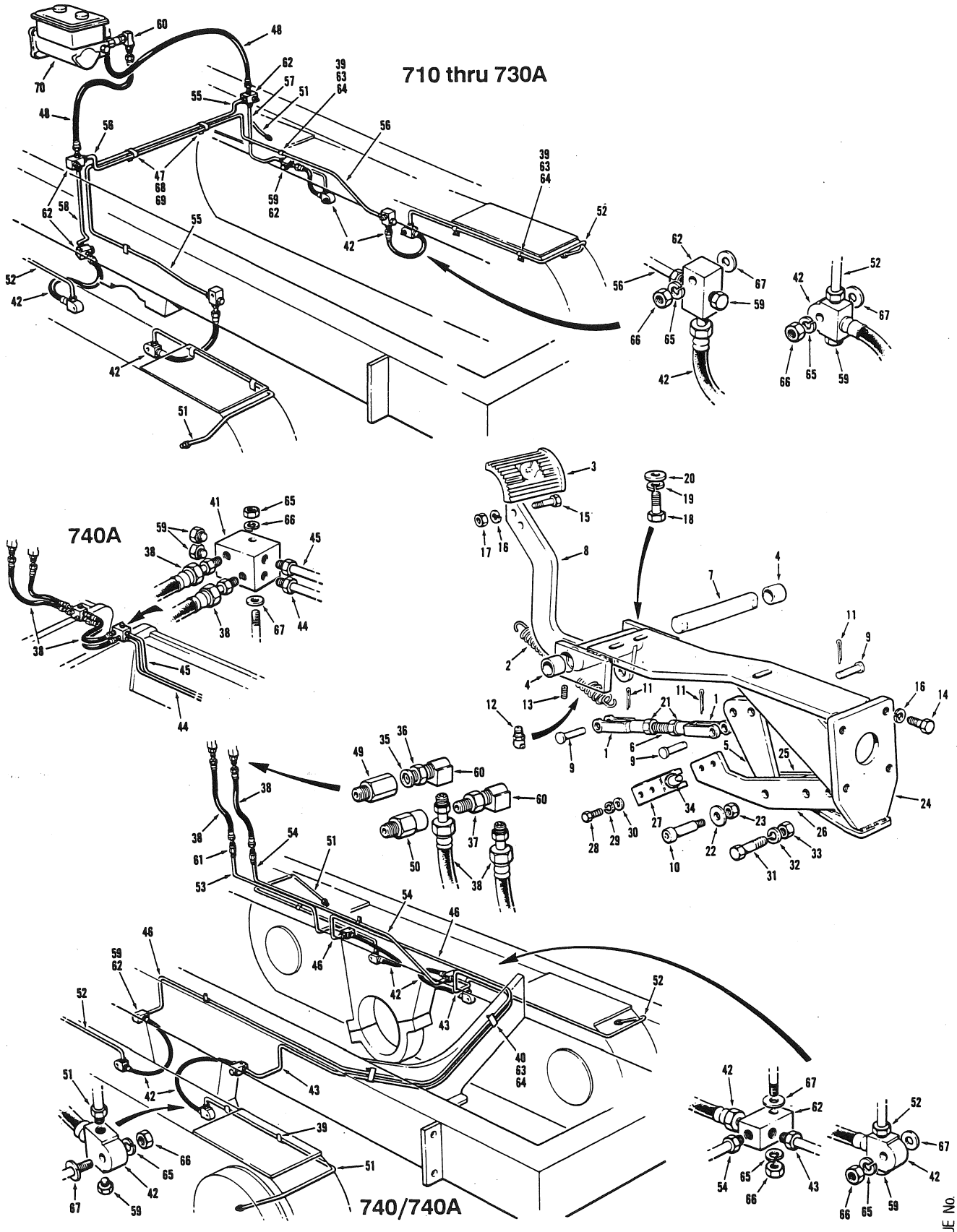
BRAKE PEDAL & CIRCUIT INSTALLATION - DRUM BRAKES - Models 710 thru 740A

APRIL 1990

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BRAKE PEDAL & CIRCUIT INSTALLATION - DRUM BRAKES - Models 710 thru 740A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		BRAKE PEDAL INSTALLATION		
1	602	CLEVIS	2	
2	670	SPRING	1	
3	28646	PAD	1	
4	32824	BUSHING	2	
5	48227	PIVOT PLATE	1	
6	48340	ROD	1	
7	48341	SHAFT	1	
8	*53018	LEVER	1	
9	10A-0820	CLEVIS PIN	3	
10	*50G-0812	SHOULDER SCREW	1	
11	13A-0416	COTTER PIN	3	
12	*28B-04	GREASE FITTING	1	
13	70B-0405	SET SCREW	2	
14	50A-0610	BOLT	4	
15	50A-0612	BOLT	2	
16	14A-06	LOCKWASHER	6	
17	30A-06	NUT	2	
18	50A-0810	BOLT	3	
19	14A-08	LOCKWASHER	3	
20	14C-08	FLATWASHER	3	
21	31D-08	NUT	2	
		BRAKE CIRCUIT INSTALLATION		
22	1684	SWITCH - BRAKE LIGHT	2	
23	18823	GASKET - COPPER	1	
24	23306	CONNECTOR - MODIFIED	1	
25	23307	CONNECTOR - MODIFIED	1	
26	24223 x 17	HOSE	2	740
			4	740A
27	25168	CLIP - SINGLE	3	740
28	25169	CLIP - DOUBLE	8	
29	25211	JUNCTION	2	740A
30	32179	HOSE	4	
31	32182	TUBE	1	740/740A
32	32191	TUBE	1	740A
33	32192	TUBE	1	740A
34	32193	TUBE	1	740/740A
35	32317	CLAMP	2	710 thru 730A
36	32579 x 60	HOSE ASSEMBLY	1	710 thru 730A
37	48972	CHECK VALVE	1	
38	48974	CHECK VALVE	1	
39	49657	TUBE - REAR R.H. & FRONT L.H.	2	
40	49658	TUBE - REAR L.H. & FRONT R.H.	2	
41	51253	TUBE	1	740
42	51254	TUBE	1	740
43	52023	TUBE	1	710 thru 730A
44	52024	TUBE	1	
45	52030	TUBE	1	
46	52031	TUBE		
47	100C-04	PLUG	6 or 10	740/740A
			8	710 thru 730A
48	100D-0402	CONNECTOR	2	
49	100G-04	UNION	2	740
50	103S-02	TEE	2	
51	105B-0404	TEE	6	710 thru 730A
			4	740/740A
52	14A-04	LOCKWASHER	A.R.	
53	30A-04	NUT	A.R.	
54	14A-05	LOCKWASHER	A.R.	
55	30A-05	NUT	A.R.	
56	14C-06	FLATWASHER	A.R.	
57	14A-06	LOCKWASHER	2	
58	30A-06	NUT	2	710 thru 730A
59		MASTER CYLINDER ASSEMBLY	REF.	SECTION 9 PAGE 6
60	*14C-06	LOCKWASHER	1	
61	*36M-06	LOCKNUT	1	



CHAMPION ROAD MACHINERY

BRAKE PEDAL & CIRCUIT INSTALLATION - DRUM BRAKES - Models 710 thru 740A

JUNE 1991

5 REVISION A

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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

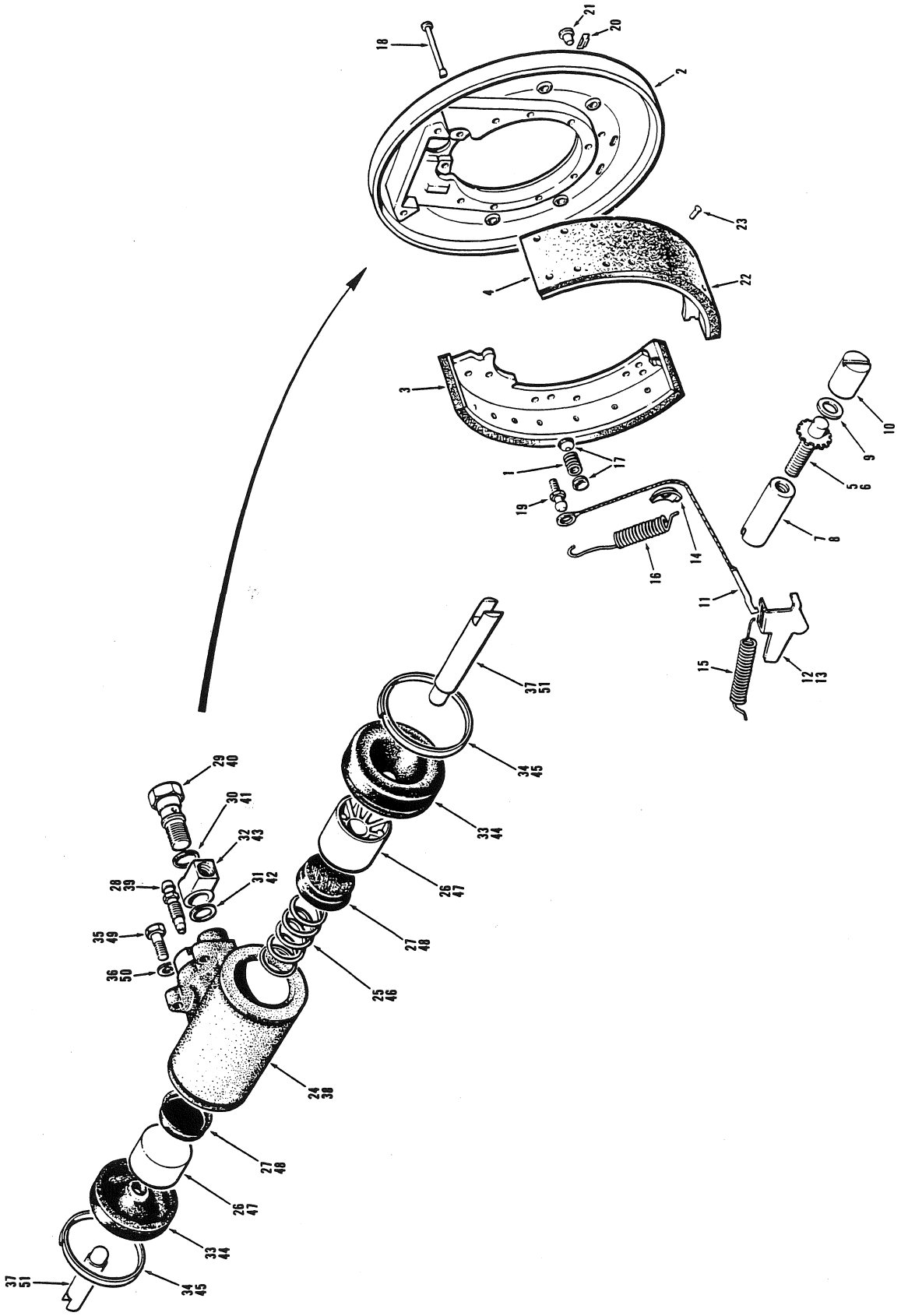
EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20830 & UP

BRAKE PEDAL & CIRCUIT INSTALLATION - DRUM BRAKES - Models 710 thru 740A

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		BRAKE PEDAL INSTALLATION		
1	602	CLEVIS	2	
2	670	SPRING	1	
3	28646	PAD	1	
4	32824	BUSHING	2	
5	48227	PIVOT PLATE	1	
6	48340	ROD	1	
7	48341	SHAFT	1	
8	53018	LEVER	1	
9	10A-0820	CLEVIS PIN	3	
10	50G-0812	SHOULDER SCREW	1	
11	*13A-0420	COTTER PIN	3	
12	28B-04	GREASE FITTING	1	
13	70B-0405	SET SCREW	2	
14	50A-0610	BOLT	4	
15	50A-0612	BOLT	2	
16	14A-06	LOCKWASHER	6	
17	30A-06	NUT	2	
18	50A-0810	BOLT	3	
19	14A-08	LOCKWASHER	3	
20	14C-08	FLATWASHER	3	
21	31D-08	NUT	2	
22	14C-06	LOCKWASHER	1	
23	36M-06	LOCKNUT	1	
24	56741	BRACKET	1	
25	56745	PIVOT - OUTER	1	
26	56773	PIVOT - INNER	1	
27	56774	BRACKET	1	
28	50A-0506	BOLT	2	
29	14A-05	LOCKWASHER	2	
30	14C-05	FLATWASHER	2	
31	50A-0820	BOLT	2	
32	14A-08	LOCKWASHER	2	
33	30A-08	NUT	2	
		BRAKE CIRCUIT INSTALLATION		
34	56775	SWITCH - BRAKE LIGHT	1	
35	18823	GASKET - COPPER	1	
36	23306	CONNECTOR - MODIFIED	1	
37	23307	CONNECTOR - MODIFIED	1	
38	24223 x 17	HOSE	2	740
			4	740A
39	25168	CLIP - SINGLE	3	740
40	25169	CLIP - DOUBLE	8	
41	25211	JUNCTION	2	740A
42	32179	HOSE	4	
43	32182	TUBE	1	740/740A
44	32191	TUBE	1	740A
45	32192	TUBE	1	740A
46	32193	TUBE	1	740/740A
47	32317	CLAMP	2	710 thru 730A
48	32579 x 60	HOSE ASSEMBLY	1	710 thru 730A
49	48972	CHECK VALVE	1	
50	48974	CHECK VALVE	1	
51	49657	TUBE - REAR R.H. & FRONT L.H.	2	
52	49658	TUBE - REAR L.H. & FRONT R.H.	2	
53	51253	TUBE	1	740
54	51254	TUBE	1	740
55	52023	TUBE	1	
56	52024	TUBE	1	710 thru 730A
57	52030	TUBE	1	
58	52031	TUBE	1	
59	100C-04	PLUG	6 or 10	740/740A
			8	710 thru 730A
60	*100J-0402	CONNECTOR	2	
61	100G-04	UNION	2	740
62	105B-0404	TEE	6	710 thru 730A
			4	740/740A
63	14A-04	LOCKWASHER	4	
64	30A-04	NUT	4	
65	14A-05	LOCKWASHER	4	
66	30A-05	NUT	4	
67	14D-08	FLATWASHER	4	
68	14A-06	LOCKWASHER	2	
69	30A-06	NUT	2	710 thru 730A
70		**MASTER CYLINDER ASSEMBLY**	REF.	Sect 9 Pg 5

CHAMPION ROAD MACHINERY



WHEEL BRAKE & CYLINDER ASSEMBLY

FEBRUARY 1989

PARA LA LISTA DE LAS PIEZAS - VEA AL VERSO

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

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EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

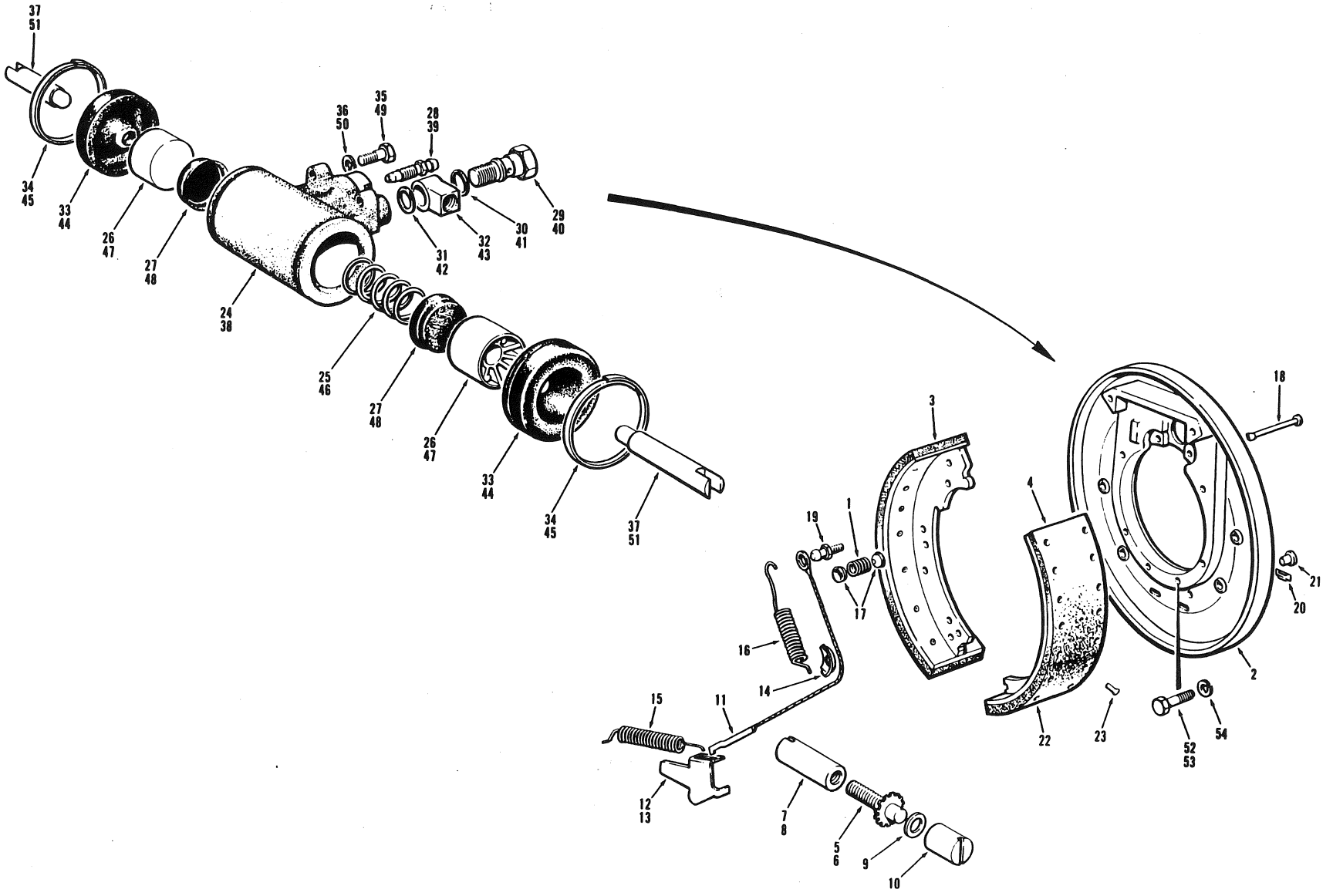
16224, 16245 TO
APPROX. 19617

U.S. 2021-2 to 2658-2

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No.	PART No.	DESCRIPTION	No. REQ.	REMARKS
		WHEEL BRAKE ASSEMBLY		
	*49509	BRAKE ASSY. - L.H.	A.R.	
	*49510	BRAKE ASSY. - R.H.	A.R.	
1	705-13	SPRING - SHOE HOLD DOWN	4	
2	9993	BACKING PLATE	1	
3	*51557	SHOE & LINING ASSY. - L.H.	1	
4	*51558	SHOE & LINING ASSY. - R.H.	1	
5	9996	ADJUSTING SCREW - L.H. BRAKE	1	
6	9997	ADJUSTING SCREW - R.H. BRAKE	1	
7	9998	PIVOT NUT - L.H. BRAKE	1	
8	9999	PIVOT NUT - R.H. BRAKE	1	
9	10000	WASHER	1	
10	10001	SOCKET	1	
11	10002	CABLE ASSY.	1	
12	10003	LEVER - AUTO ADJUSTER - L.H. BRAKE	1	
13	10004	LEVER - AUTO ADJUSTER - R.H. BRAKE	1	
14	10005	CABLE GUIDE - AUTO ADJUSTER	1	
15	10006	SPRING - ADJUSTING SCREW - WHITE	1	
16	10007	SPRING - SHOE RETURN - BLACK	2	
17	10008	CUP	8	
18	10009	PIN	4	
19	10010	PIN	2	
20	10011	COVER - ADJUSTING HOLE	2	
21	10012	COVER - PROBE HOLE	2	
22	*51562	LINING - DRILLED	2	
23	10013A	RIVET	60	
	*51556	BRAKE LINING KIT C/W ITEMS 22 & 23	4	
		1.5" WHEEL CYLINDER ASSEMBLY		STANDARD BRAKES
	6781	WHEEL CYLINDER ASSY. - C/W ITEMS 24 TO 36	A.R.	
24		BODY - SUPPLIED ONLY WITH ASSY.	1	
25	8314	SPRING	1	
26	8315	PISTON	2	
27	8316	CUP	2	
28	8317	BLEEDER SCREW	1	
29	18822	BOLT	1	
30	18823	GASKET - OUTER	1	
31	18824	GASKET - INNER	1	
32	18825	INLET FITTING	1	
33	18828	BOOT	2	
34	18829	STRAP	2	
35	50A-0506	BOLT	2	
36	14A-05	LOCKWASHER	2	
37	9990	WHEEL CYLINDER LINK	2	

No.	PART No.	DESCRIPTION	No. REQ.	REMARKS
	8319	REPAIR KIT - C/W ITEMS 27 & 33 (2 EACH)	A.R.	
	*51559	WHEEL BRAKE KIT - C/W ITEMS 11,14 TO 16, 20 TO 23 & 6781 WHEEL CYLINDER ASSY.	A.R.	
	33330	WHEEL BRAKE KIT - C/W ITEMS 1,11,15 TO 18,27 & 33	A.R.	
		1.38" WHEEL CYLINDER ASSEMBLY		DUAL BRAKES
	40712	WHEEL CYLINDER ASSY. - C/W ITEMS 38 TO 50	4	
38		BODY - SUPPLIED ONLY WITH ASSY.	1	
39	8317	BLEEDER SCREW	1	
40	18822	BOLT	1	
41	18823	GASKET - OUTER	1	
42	18824	GASKET - INNER	1	
43	18825	INLET FITTING	1	
44	18828	BOOT	2	
45	18829	STRAP	2	
46	37159	SPRING	1	
47	37160	PISTON	2	
48	37161	CUP	2	
49	50A-0506	BOLT	2	
50	14A-05	LOCKWASHER	2	
51	9990	WHEEL CYLINDER LINK	2	



USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

19431, 19458, 19565, 19566, 19568 to 19578, 19580 to 19589, 19591, 19592, 19594 to 19610, 19612 to 19614, 19616, 19618 to 21907

700 SERIES
SÉRIE 700

SECTION SECCION 9
PAGE PAGINA 11

ISSUE No.
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WHEEL BRAKE & CYLINDER ASSEMBLY

DECEMBER 1991

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

SECTION / SECCION **9** PAGE / PAGINA **12** ISSUE No. / N° D'ÉMISSION / N° DE EDICION **2 REVISION A**

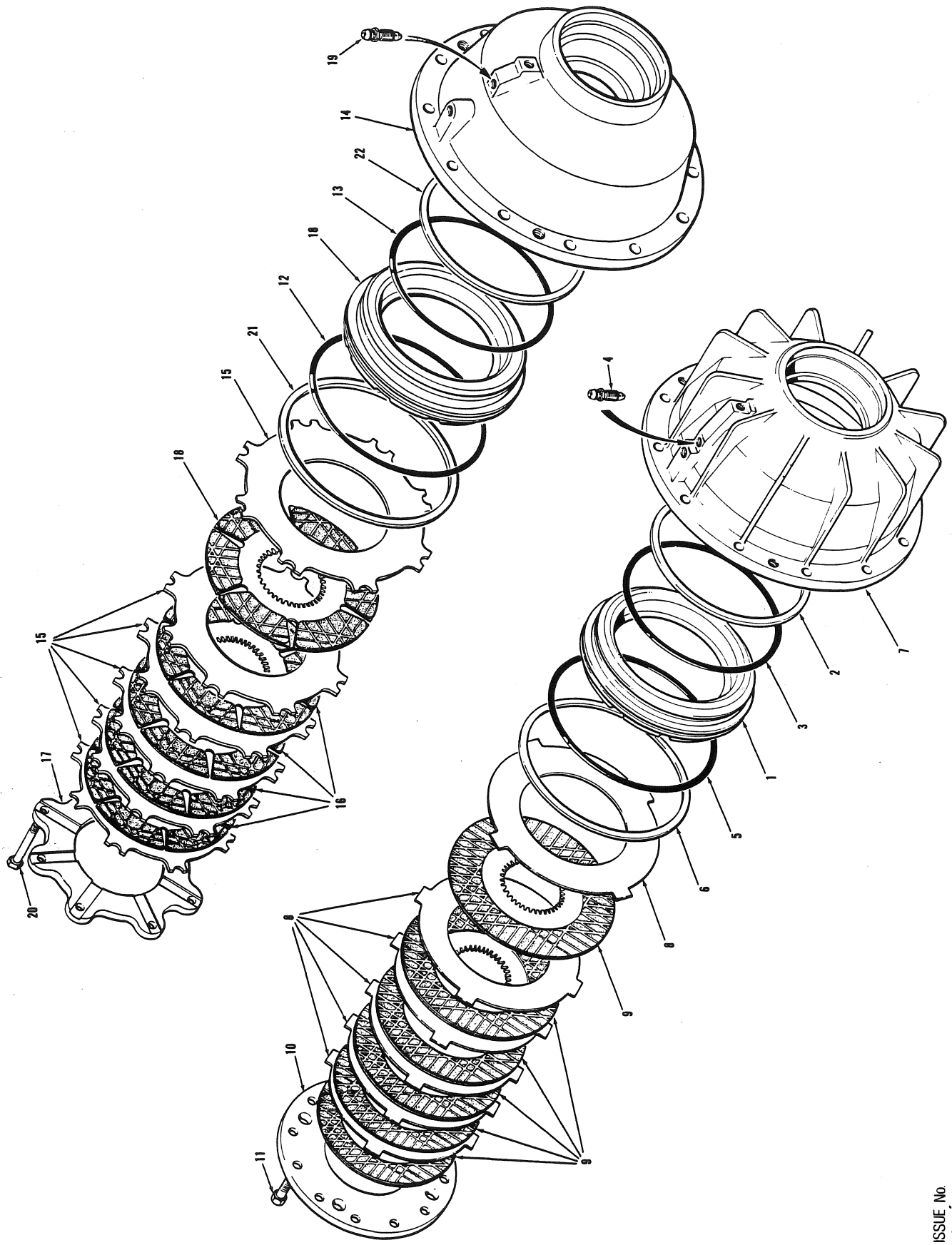
WHEEL BRAKE & CYLINDER ASSEMBLY

DECEMBER 1991

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		WHEEL BRAKE ASSEMBLY		
	49509	BRAKE ASSEMBLY - L.H.	1	
	49510	BRAKE ASSEMBLY - R.H.	1	
1	705-13	SPRING - SHOE HOLD DOWN	4	
2	9993	BACKING PLATE	1	
3	51557	SHOE & LINING ASSEMBLY - L.H.	1	
4	51558	SHOE & LINING ASSEMBLY - R.H.	1	
5	9996	ADJUSTING SCREW - L.H. BRAKE	1	
6	9997	ADJUSTING SCREW - R.H. BRAKE	1	
7	9998	PIVOT NUT - L.H. BRAKE	1	
8	9999	PIVOT NUT - R.H. BRAKE	1	
9	10000	WASHER	1	
10	10001	SOCKET	1	
11	10002	CABLE ASSEMBLY	1	
12	10003	LEVER - AUTO ADJUSTER - L.H. BRAKE	1	
13	10004	LEVER - AUTO ADJUSTER - R.H. BRAKE	1	
14	10005	CABLE GUIDE - AUTO ADJUSTER	1	
15	10006	SPRING - ADJUSTING SCREW - WHITE	1	
16	10007	SPRING - SHOE RETURN - BLACK	2	
17	10008	CUP	8	
18	10009	PIN	4	
19	10010	PIN	2	
20	10011	COVER - ADJUSTING HOLE	2	
21	10012	COVER - PROBE HOLE	2	
22	51562	LINING - DRILLED	2	
23	10013A	RIVET	60	
	51556	BRAKE LINING KIT - C/W ITEMS 22 & 23	4	
		1.5" WHEEL CYLINDER ASSEMBLY		730 thru 740A
	6781	WHEEL CYLINDER ASSEMBLY - INCLUDES ITEMS 24 TO 36	4	
24		BODY - SUPPLIED ONLY WITH ASSEMBLY	1	
25	8314	SPRING	1	
26	8315	PISTON	2	
27	8316	CUP	2	
28	8317	BLEEDER SCREW	1	
29	18822	BOLT	1	
30	18823	GASKET - OUTER	1	
31	18824	GASKET - INNER	1	
32	18825	INLET FITTING	1	
33	18828	BOOT	2	
34	18829	STRAP	2	
35	50A-0506	BOLT	2	
36	14A-05	LOCKWASHER	2	
37	9990	WHEEL CYLINDER LINK	2	
	8319	REPAIR KIT - C/W Qty. 2 OF ITEMS 27 & 33	1 per	
	51559	WHEEL BRAKE KIT - INCLUDES ITEMS 11, 14 to 16, 20 to 23 AND 6781 WHEEL CYLINDER ASSEMBLY	1 per	
	33330	WHEEL BRAKE KIT - INCLUDES ITEMS 1, 11, 15 to 18, 27 & 33	1 per	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		1.38" WHEEL CYLINDER ASSEMBLY		710 thru 720A
	40712	WHEEL CYLINDER ASSEMBLY - INCLUDES ITEMS 38 to 50	4	
38		BODY - SUPPLIED ONLY WITH ASSEMBLY	1	
39	8317	BLEEDER SCREW	1	
40	18822	BOLT	1	
41	18823	GASKET - OUTER	1	
42	18824	GASKET - INNER	1	
43	18825	INLET FITTING	1	
44	18828	BOOT	2	
45	18829	STRAP	2	
46	37159	SPRING	1	
47	37160	PISTON	2	
48	37161	CUP	2	
49	50A-0506	BOLT	2	
50	14A-05	LOCKWASHER	2	
51	9990	WHEEL CYLINDER LINK	2	
		MOUNTING HARDWARE		
52	*50A-0710	BOLT	1	
53	*50A-0716	BOLT	7	
54	*14A-07	LOCKWASHER	8	

CHAMPION ROAD MACHINERY



OIL DISC BRAKE ASSEMBLY

MARCH 1990

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION D

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EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

16277 & UP

U.S. 2021-2 to 2658-2

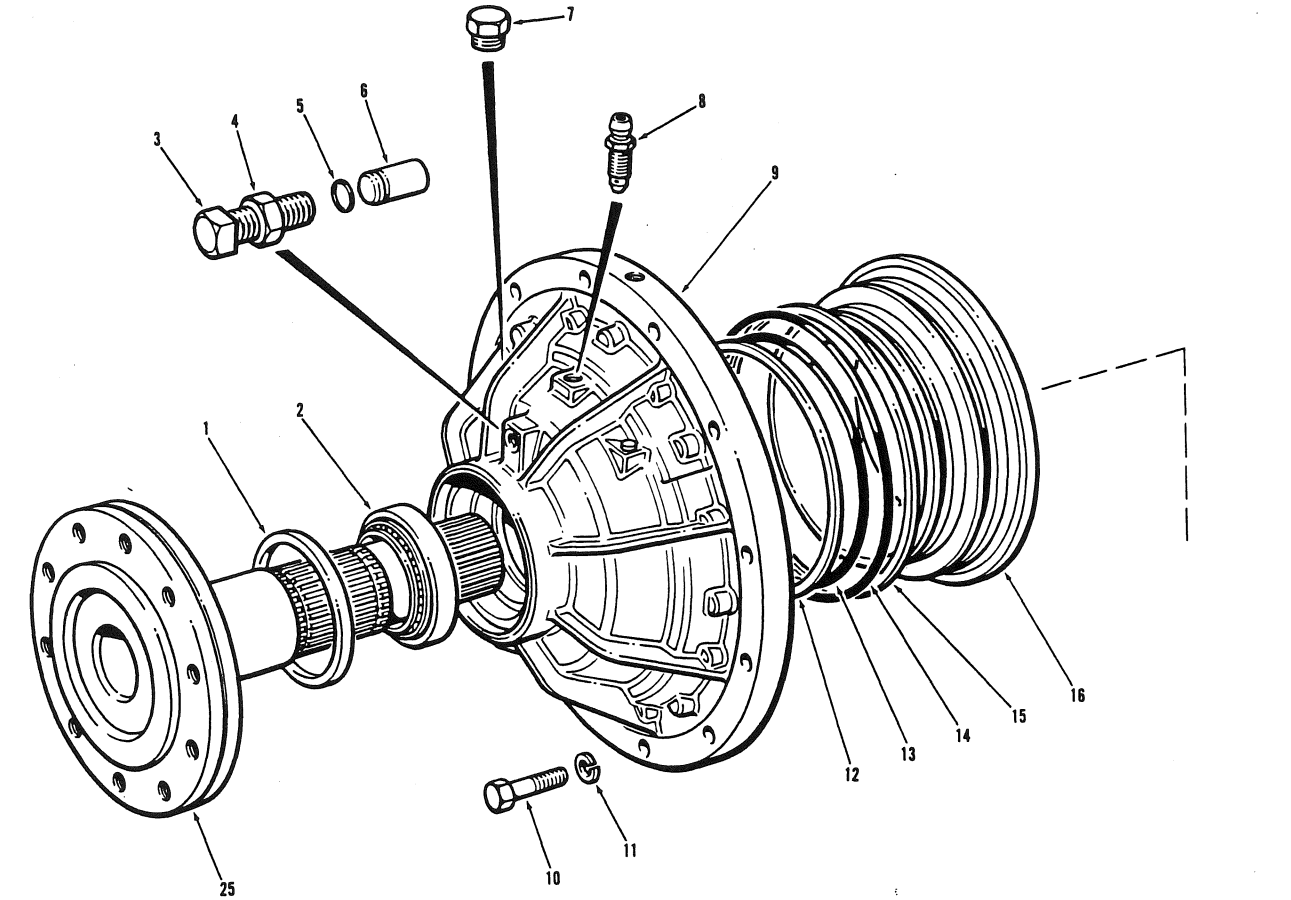
700 SERIES
SERIE 700

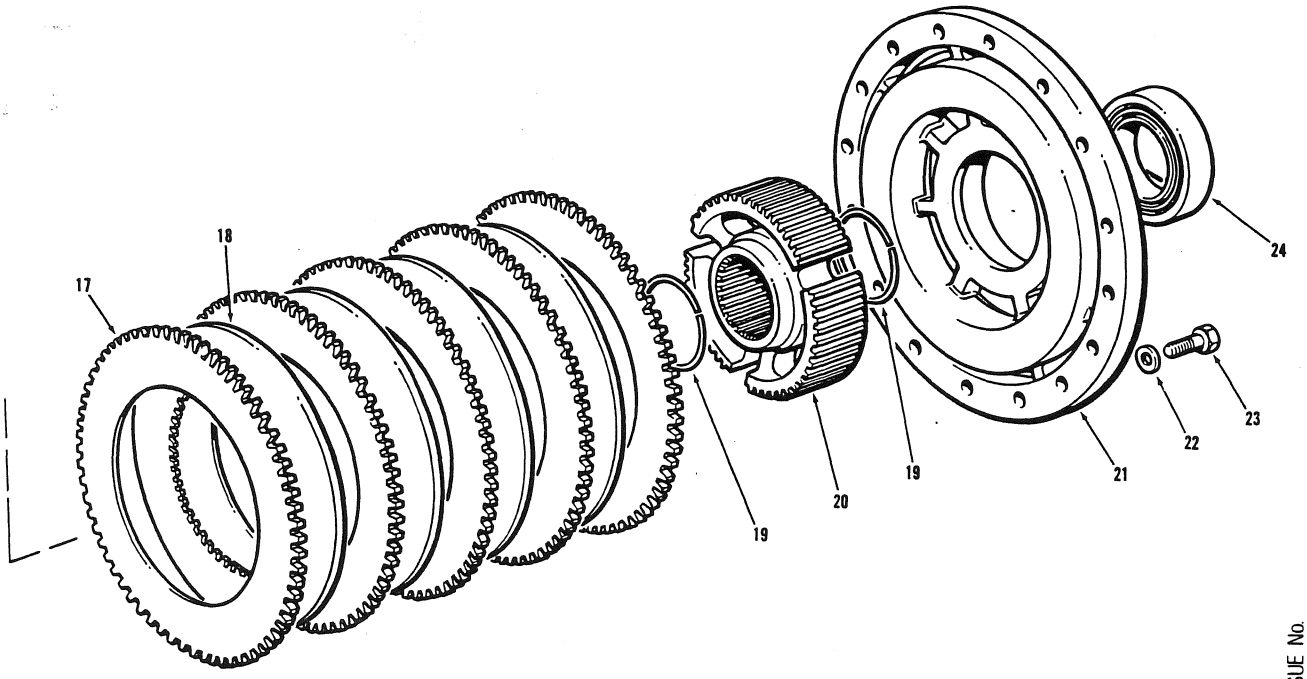
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OIL DISC BRAKE ASSEMBLY

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	36469	OIL DISC BRAKE ASSEMBLY - INCLUDES ITEMS 1 TO 11	4	
1	42262	PISTON	1	
2	42263	BACK-UP RING	1	
3	42264	O RING	1	
4	42265	BLEEDER SCREW	1	
5	42266	O RING	1	
6	42267	BACK-UP WASHER	1	
7	42268	HOUSING	1	
8	42269	REACTION PLATE	6	
9	*48524	FRICTION DISC	6	
10	42272	END PLATE	1	
11	50A-1014	BOLT	12	
	16775	OIL DISC BRAKE ASSEMBLY - INCLUDES ITEMS 12 TO 22	4	S/N 16277, 16520 & 16946
12	16777	O RING	1	
13	16778	O RING	1	
14	16779	HOUSING	1	
15	16780	REACTION PLATE	6	
16	16781	FRICTION DISC	5	
17	16782	END PLATE	1	
18	16783	PISTON	1	
19	18826	BLEEDER SCREW	1	
20	26278	BOLT	8	
21	26279	BACK-UP RING	1	
22	26280	BACK-UP RING	1	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS





CHAMPION ROAD MACHINERY

SEPTEMBER 1991

OIL DISC BRAKE

2 REVISION B

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EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

Models 710 thru 740A
21134 & UP, EXCLUDING 21225
Models 750 thru 780A
21386 & UP

700 SERIES
SERIE 700

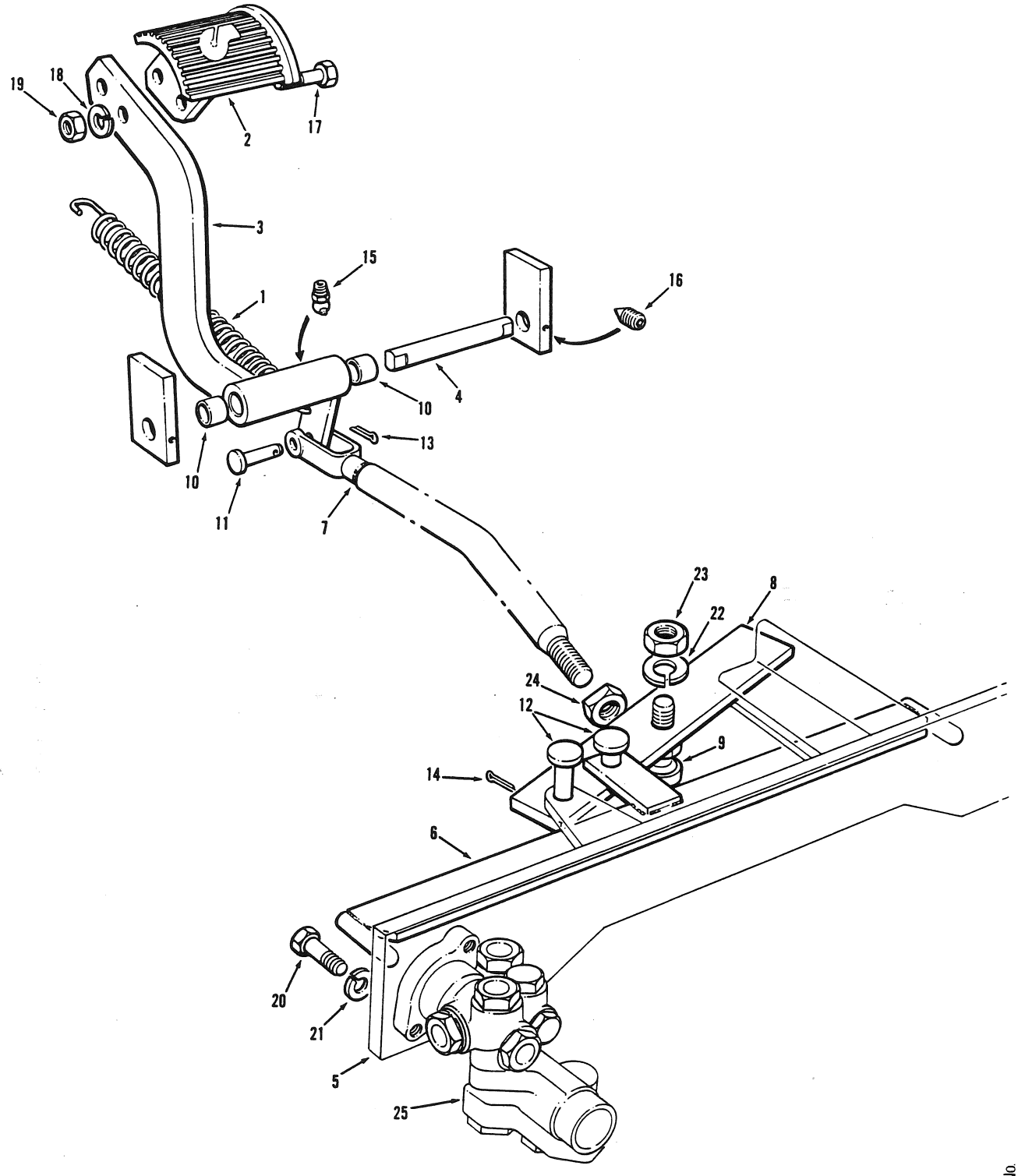
SECTION / SECCION 9 | PAGE / PAGINA 14 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 2 REVISION B

OIL DISC BRAKE

SEPTEMBER 1991

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	37872	OIL SEAL	1	
2	37867	BEARING CUP	1	
	37868	BEARING CONE	1	
3	70F-0824	SETSCREW	1	
4	30D-08	NUT	1	
5	12A-110	O-RING	1	
6	56267	PIN	1	
7	111H-04	O-RING PLUG	1	
8	8317	BLEEDER SCREW	1	
	58780	BLEEDER SCREW- LONG	1	S/N 21134 TO 21237
9	56262	HOUSING	1	
10	*50A-1020	BOLT	12	
11	*14A-10	LOCKWASHER	12	
12	37873	BACK-UP RING	1	
13	12A-451	O-RING	1	
14	12A-453	O-RING	1	
15	37874	BACK-UP RING	1	
16	37861	PISTON	1	
17	37935	REACTION DISC	4	710/710A
			5	720 thru 730A
			6	740 thru 780A
18	37934	FRICTION DISC	3	710/710A
			4	720 thru 730A
			5	740 thru 780A
19	37945	SNAP RING	2	
20	37933	HUB	1	
21	37938	INNER HOUSING	1	710/710A
	37939	INNER HOUSING	1	720 thru 730A
	37931	INNER HOUSING	1	740 thru 780A
22	37940	WASHER	16	
23	50A-0816	CAPSCREW	16	
24	8142A	BEARING CUP	1	
	8142B	BEARING CONE	1	
25		AXLE	REF.	Sect 7 Pg 15

CHAMPION ROAD MACHINERY



MECHANICAL LINKAGE - OIL DISC BRAKES

OCTOBER 1984

ISSUE No.
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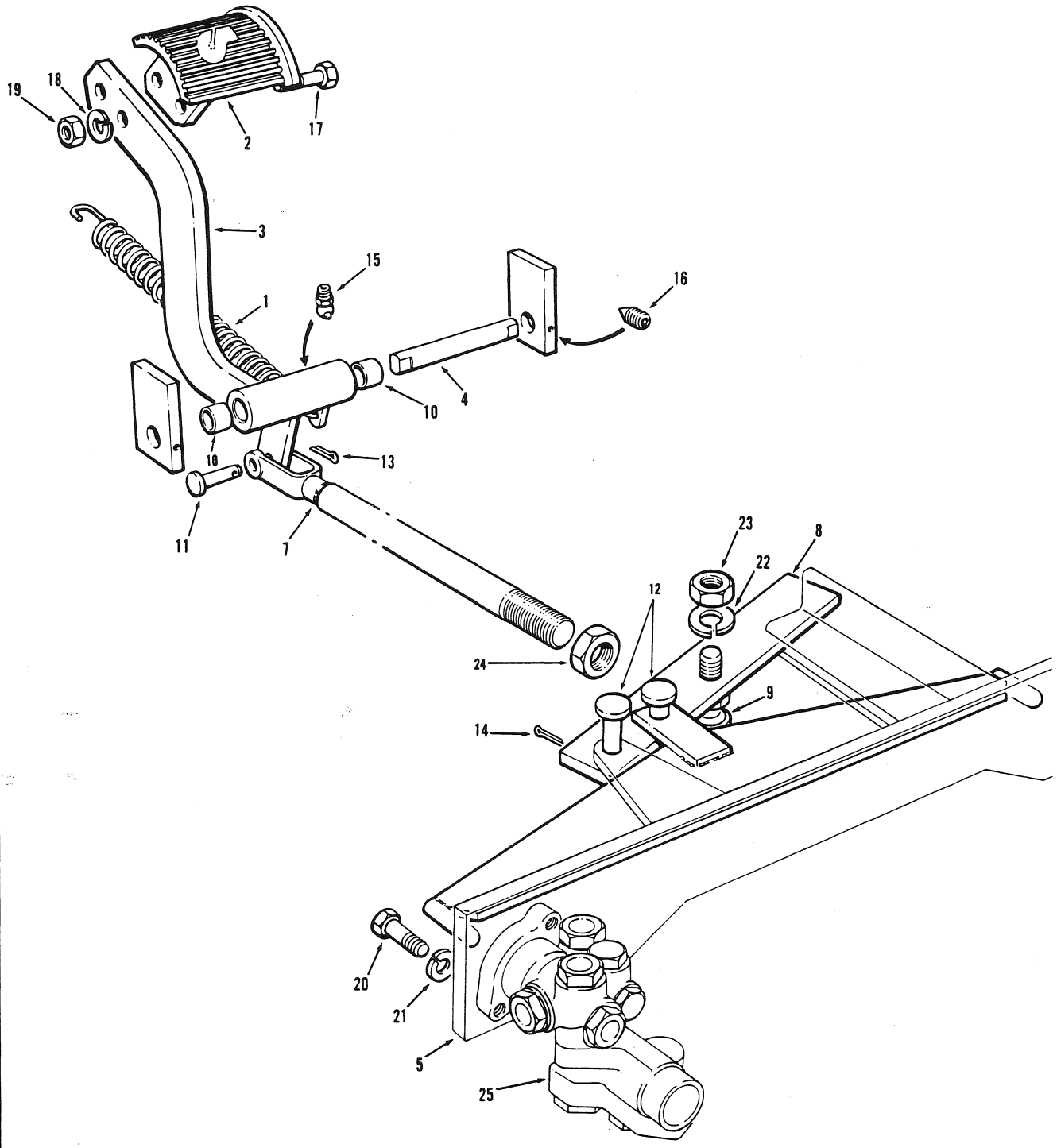
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MECHANICAL LINKAGE - OIL DISC BRAKES

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	670	SPRING	1	
2	28646	PAD	1	
3	28742	LEVER	1	
4	28744	SHAFT	1	
5	32382	MOUNT - WALKING BEAM	1	
6	32383	WALKING BEAM	1	
7	32384	LINKAGE ROD	1	
8	32385	LEVER	1	
9	32386	BALL JOINT	1	
10	32824	BUSHING	2	
11	10A-0616	CLEVIS PIN	1	
12	10A-0820	CLEVIS PIN	2	
13	13A-0316	COTTER PIN	1	
14	13A-0416	COTTER PIN	2	
15	29F-01	GREASE FITTING	1	
16	70B-0405	SETSCREW	2	
17	50A-0612	BOLT	2	
18	14A-06	LOCKWASHER	2	
19	30A-06	NUT	2	
20	51A-0710	BOLT	6	
21	14A-07	LOCKWASHER	6	
22	14A-10	LOCKWASHER	1	
23	31A-10	NUT	1	
24	31D-10	JAM NUT	1	
25		BRAKE VALVE ASSEMBLY	REF.	SECTION 9 PAGES 17/18

No. Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS

MECHANICAL LINKAGE - OIL DISC BRAKES



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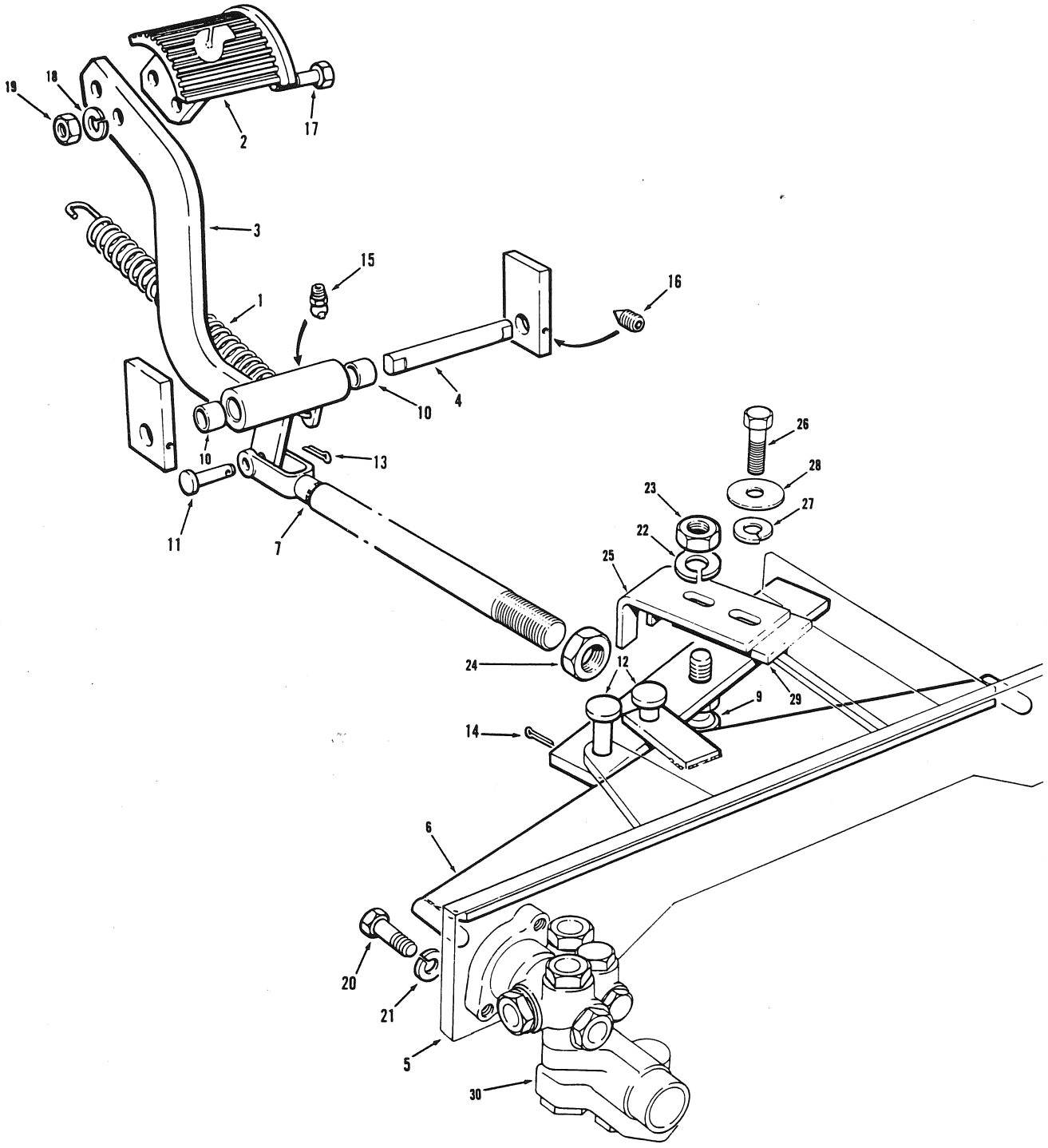
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MECHANICAL LINKAGE - OIL DISC BRAKES

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	670	SPRING	1	
2	28646	PAD	1	
3	*54438	LEVER	1	
4	*48341	SHAFT	1	
5	*55241	MOUNT - WALKING BEAM	1	
6	*54428	WALKING BEAM	1	
7	*54425	LINKAGE ROD	1	
8	*54421	LEVER	1	
9	32386	BALL JOINT	1	
10	32824	BUSHING	2	
11	*10A-0618	CLEVIS PIN	1	
12	10A-0820	CLEVIS PIN	2	
13	13A-0316	COTTER PIN	1	
14	*13A-0420	COTTER PIN	2	
15	29F-01	GREASE FITTING	1	
16	70B-0405	SETSCREW	2	
17	50A-0612	BOLT	2	
18	14A-06	LOCKWASHER	2	
19	30A-06	NUT	2	
20	51A-0710	BOLT	6	
21	14A-07	LOCKWASHER	6	
22	14A-10	LOCKWASHER	1	
23	31A-10	NUT	1	
24	31D-10	JAM NUT	1	
25		BRAKE VALVE ASSEMBLY	REF.	SECT. 9 PG. 18

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS

CHAMPION ROAD MACHINERY



MECHANICAL LINKAGE - OIL DISC BRAKES

FEBRUARY 1991

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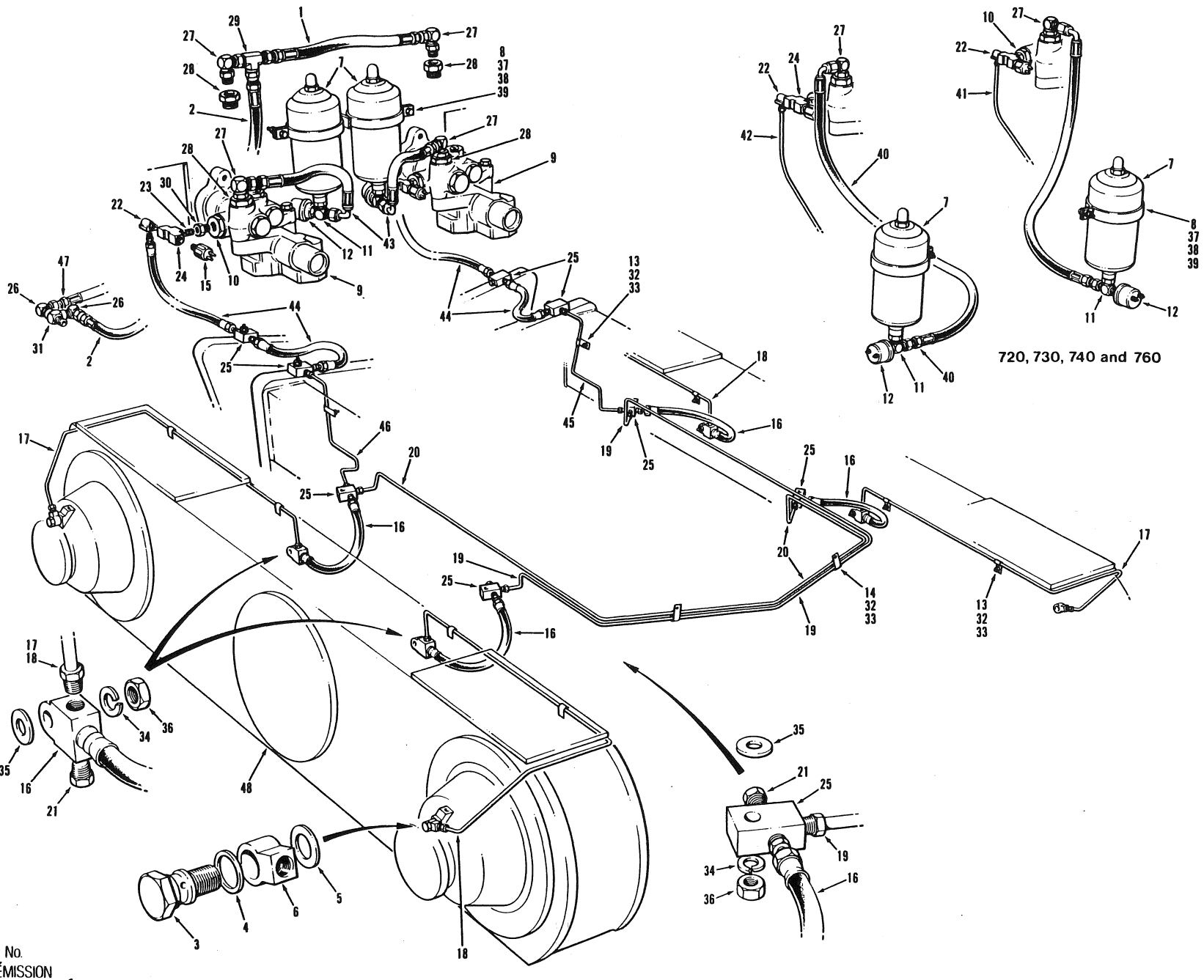
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20830 to 21107, 21148, 21171, 21173, 21225, 21249, 21274, 21285, 21288 & 21294

700 SERIES
SERIE 700

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	670	SPRING	1	
2	28646	PAD	1	
3	54438	LEVER	1	
4	48341	SHAFT	1	
5	55241	MOUNT - WALKING BEAM	1	
6	54428	WALKING BEAM	1	
7	54425	LINKAGE ROD	1	
8	54421	LEVER	1	
9	32386	BALL JOINT	1	
10	32824	BUSHING	2	
11	10A-0618	CLEVIS PIN	1	
12	10A-0820	CLEVIS PIN	2	
13	13A-0316	COTTER PIN	1	
14	13A-0420	COTTER PIN	2	
15	29F-01	GREASE FITTING	1	
16	70B-0405	SETSCREW	2	
17	50A-0612	BOLT	2	
18	14A-06	LOCKWASHER	2	
19	30A-06	NUT	2	
20	51A-0710	BOLT	6	
21	14A-07	LOCKWASHER	6	
22	14A-10	LOCKWASHER	1	
23	31A-10	NUT	1	
24	31D-10	JAM NUT	1	
25	*56744	BRACKET - SWITCH	1	
26	*50A-0506	BOLT	2	
27	*14A-05	LOCKWASHER	2	
28	*14C-05	FLATWASHER	2	
29	*58266	MOUNTING BAR	1	Repair Part
30		BRAKE VALVE ASSEMBLY	REF.	Sect 9 Pg 18

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS



ISSUE No.
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OPERATING CIRCUIT - OIL DISC BRAKES

OCTOBER 1984

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NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

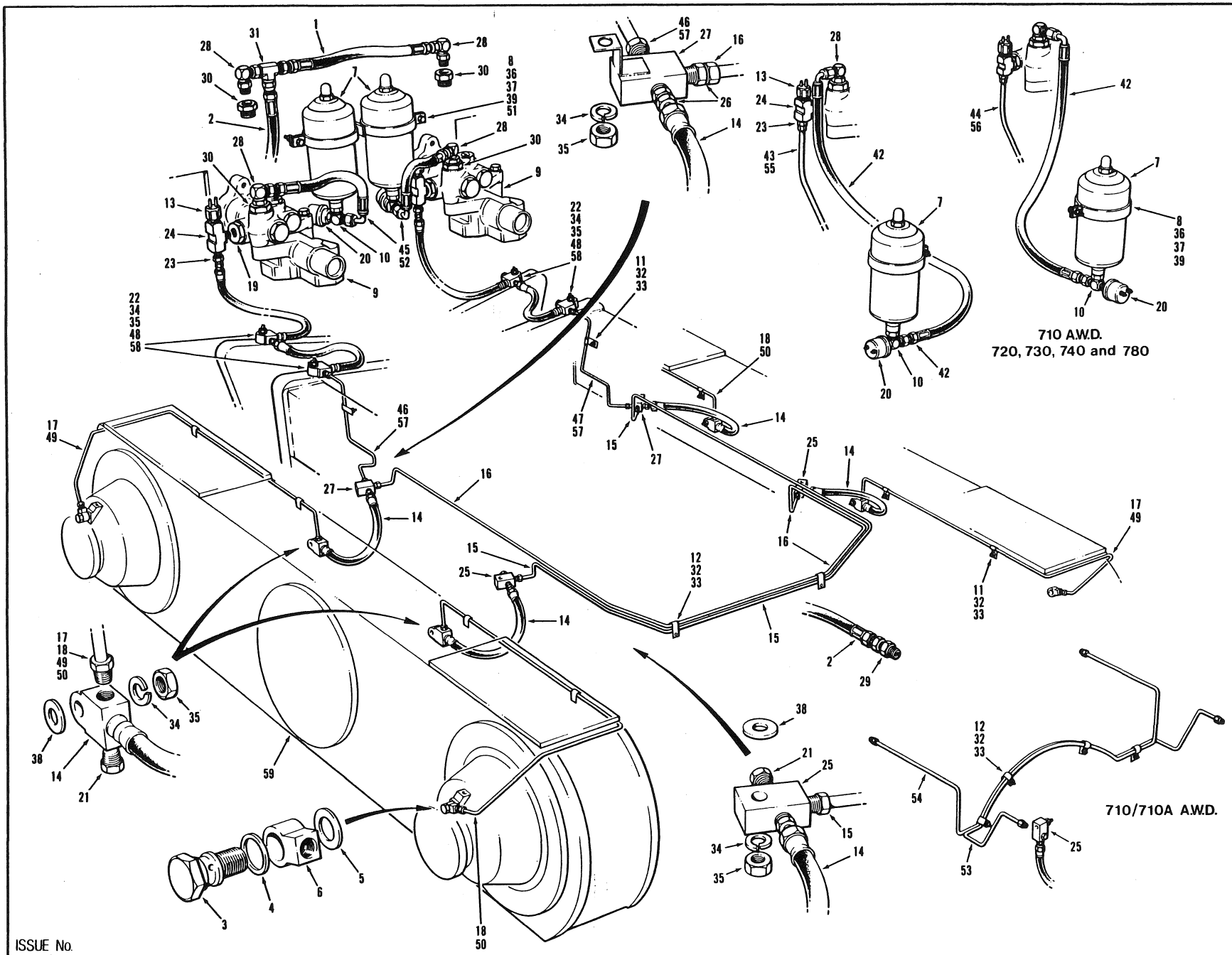
SECTION 9 PAGE 17
SECCION 9 PAGINA 17

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

OPERATING CIRCUIT - OIL DISC BRAKES

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	9313 X 22	HOSE ASSY.	1	
2	9313 X 53.5	HOSE ASSY.	1	
3	18822	BOLT	4	
4	18823	GASKET	4	
5	18824	GASKET	4	
6	18825	FITTING	4	
7	24410	ACCUMULATOR	2	
8	24411	BRACKET	2	
9	24412	BRAKE VALVE	2	
10	24417	REDUCER - MODIFIED	2	
11	24501	CONNECTOR - MODIFIED	2	
12	24503	PRESSURE SWITCH	2	
13	25168	CLIP	A.R.	
14	25169	CLIP	2	
15	27674	SWITCH - BRAKE LIGHT	2	
16	32179	HOSE ASSY.	4	
17	32196	TUBE ASSY. - FRONT L.H. & REAR R.H.	2	
18	32197	TUBE ASSY. - FRONT R.H. & REAR L.H.	2	
19	32198	TUBE ASSY.	1	
20	32199	TUBE ASSY.	1	
21	100C-04	PLUG	A.R.	
22	100J-0402	CONNECTOR	2	
23	103L-02	NIPPLE	2	
24	103T-02	TEE	2	
25	105B-0404	TEE	4	720,730,740 & 760
			8	720A,730A & 740A
26	110R-0808	CONNECTOR	2	
27	111B-0808	CONNECTOR	4	
28	111G-1208	REDUCER	4	
29	112C-08	TEE	1	
30	115B-0402	REDUCER	2	
31	115V-0808	TEE	1	
32	14A-04	LOCKWASHER	A.R.	
33	30A-04	NUT	A.R.	
34	14A-05	LOCKWASHER	A.R.	
35	14C-05	FLATWASHER	A.R.	
36	30A-05	NUT	A.R.	
37	50A-0610	BOLT	2	
38	14A-06	LOCKWASHER	2	
39	30A-06	NUT	A.R.	
	26868	SEAL KIT FOR 24412 BRAKE VALVE	A.R.	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		MODEL 720,730,740 & 760		
40	14382 X 28	HOSE ASSY.	2	
41	33053	TUBE ASSY. - R.H.	1	
42	33054	TUBE ASSY. - L.H.	1	
		MODEL 720A,730A & 740A		
43	14382 X 14	HOSE ASSY.	2	
44	24223	HOSE ASSY.	4	
45	32191	TUBE ASSY. - R.H.	1	
46	33055	TUBE ASSY. - L.H.	1	
47		STEERING CIRCUIT	REF.	SECTION 1 PAGES 13/14
48		TANDEM ASSEMBLY	REF.	SECTION 7 PAGES 15/16
	16042	ACCUMULATOR CHARGING KIT - CONSISTS OF:		
		PRESSURE GAUGE ADAPTER AIR CHUCK TANK VALVE ASSY. BLEEDER VALVE } GAUGING HEAD ASSY.		
		SWIVEL CONNECTOR HOSE COUPLING GLAND STD. L.H. GLAND NUT } CHARGING HOSE ASSY.		



ISSUE No.
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OPERATING CIRCUIT - OIL DISC BRAKES

APRIL 1987

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EFFECTIVE SERIAL NUMBER(S) 17049 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. NUMBERS NOT APPLICABLE

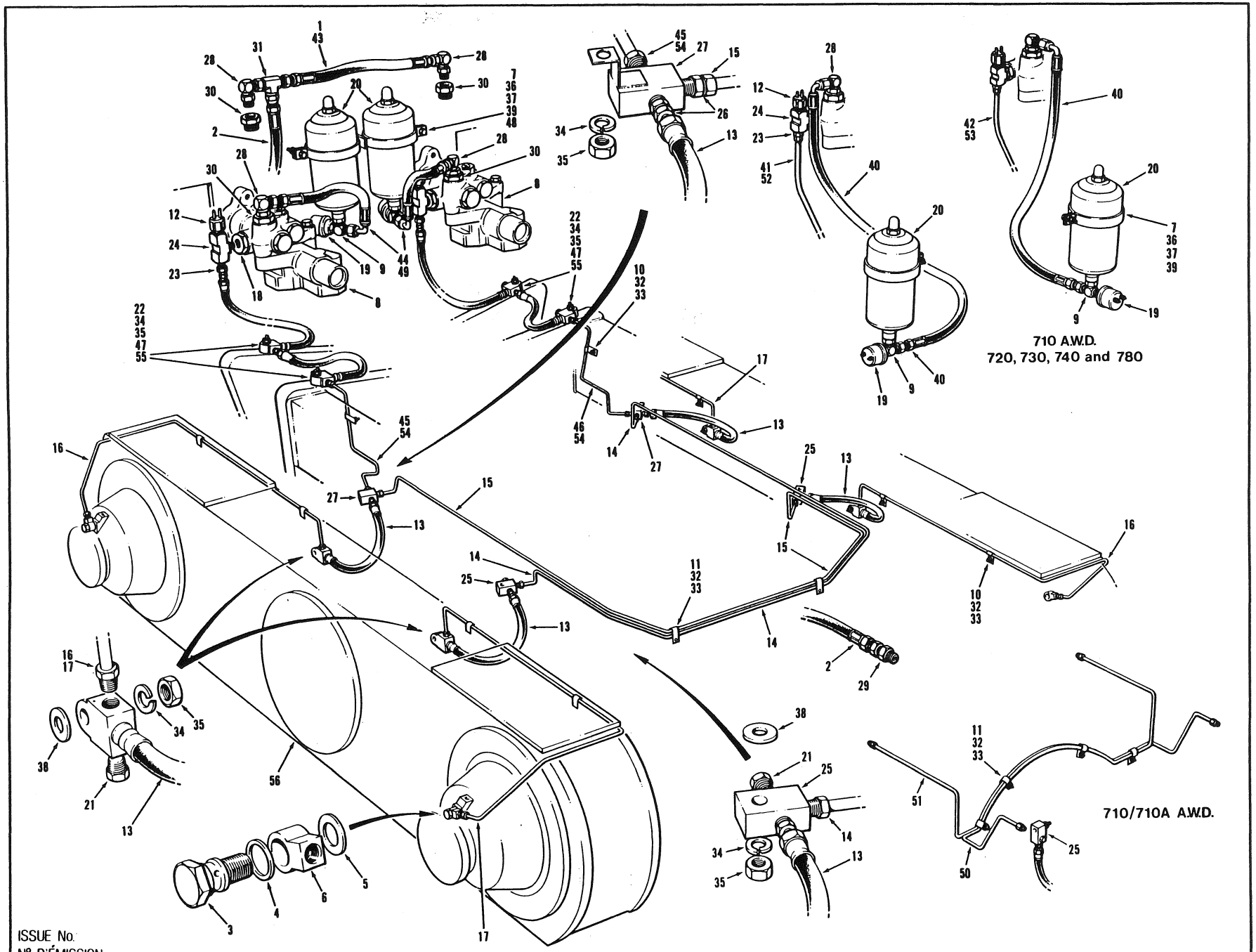
700 SERIES
SERIE 700

SECTION 9 PAGE 17
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	9313 X 22	HOSE ASSY.	1	
2	*14382 X 90	HOSE ASSY.	1	
3	18822	BOLT	4	
4	18823	GASKET	4	
5	18824	GASKET	4	
6	18825	FITTING	4	
7	24410	ACCUMULATOR	2	
8	24411	BRACKET	2	
9	24412	BRAKE VALVE	2	
10	24501	CONNECTOR - MODIFIED	2	
11	25168	CLIP	4or6	
12	25169	CLIP	A.R.	
13	27674	SWITCH - BRAKE LIGHT	2	
14	32179	HOSE ASSY.	4	
15	32198	TUBE ASSY.	1	
16	32199	TUBE ASSY.	1	
17	32904	TUBE ASSY. - FRONT L.H. & REAR R.H.	2	
18	32905	TUBE ASSY. - FRONT R.H. & REAR L.H.	2	
19	43431	REDUCER - MODIFIED	2	
20	44433	PRESSURE SWITCH	2	
21	100C-04	PLUG	6	
22	100C-05	PLUG	2or4	
23	100D-0502	CONNECTOR	2	
24	103S-02	TEE	2	
25	105B-0404	TEE	2	
26	*105E-0405	REDUCER	4	
27	*105F-0505	CONNECTOR	2or4	
28	111B-0808	CONNECTOR	4	
29	111E-0812	CONNECTOR	1	
30	111R-1208	REDUCER	4	
31	112C-08	TEE	1	
32	14A-04	LOCKWASHER	A.R.	
33	30A-04	NUT	A.R.	
34	14A-05	LOCKWASHER	A.R.	
35	30A-05	NUT	A.R.	
36	50A-0612	BOLT	2	
37	14A-06	LOCKWASHER	2	
38	*14C-06	FLATWASHER	A.R.	
39	30A-06	NUT	2	
40	*50A-0710	SCREW	6	
41	*14A-07	LOCKWASHER	6	
	26868	SEAL KIT FOR 24412 BRAKE VALVE	A.R.	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		MODEL 720,730,740 & 780		
42	14382 X 28	HOSE	2	
43	43927	TUBE - L.H.	1	
44	43928	TUBE - R.H.	1	
		MODEL 720A,730A,740A & 780A		
45	14382 X 14	HOSE	2	
46	43925	TUBE - L.H.	1	
47	43926	TUBE - R.H.	1	
48	*44432	HOSE	4	
49	32196	TUBE - FRONT L.H. & REAR R.H.	2	A.W.D. MODEL 720A & 730A
50	32197	TUBE - FRONT R.H. & REAR L.H.	2	A.W.D. MODEL 720A & 730A
51	37099	BRACKET	2	A.W.D. MODEL 720A & 730A
		A.W.D. MODEL 710 & 710A		
52	14382 X 14	HOSE	2	
53	42225	TUBE	1	
54	42226	TUBE	1	
55	43922	TUBE	1	710
56	43923	TUBE	1	710
57	43924	TUBE	2	710A
58	*44432	HOSE	2	710A
	16042	ACCUMULATOR CHARGING KIT - CONSISTS OF:		
		PRESSURE GAUGE, ADAPTER, AIR CHUCK, TANK VALVE ASSY., BLEEDER VALVE — GAUGING HEAD ASSY.		
		SWIVEL CONNECTOR, HOSE, COUPLING, GLAND, STD. L.H. GLAND NUT — CHARGING HOSE ASSY.		
59		TANDEM ASSEMBLY	REF.	SECTION 7 PAGE 16



OPERATING CIRCUIT - OIL DISC BRAKES

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

SEPTEMBER 1987

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 18375 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. NUMBERS NOT APPLICABLE

700 SERIES
SERIE 700

SECTION 9 PAGE 17
SECCION 9 PAGINA 17

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	9313 X 22	HOSE ASSY.	1	
2	*14382 X 110	HOSE ASSY.	1	
3	18822	BOLT	4	
4	18823	GASKET	4	
5	18824	GASKET	4	
6	18825	FITTING	4	
7	24411	BRACKET	2	
8	24412	BRAKE VALVE	2	
9	24501	CONNECTOR - MODIFIED	2	
10	25168	CLIP	4or6	
11	25169	CLIP	A.R.	
12	27674	SWITCH - BRAKE LIGHT	2	
13	32179	HOSE ASSY.	4	
14	32198	TUBE ASSY.	1	
15	32199	TUBE ASSY.	1	
16	32904	TUBE ASSY. - FRONT L.H. & REAR R.H.	2	
17	32905	TUBE ASSY. - FRONT R.H. & REAR L.H.	2	
18	43431	REDUCER - MODIFIED	2	
19	44433	PRESSURE SWITCH	2	
20	*45810	ACCUMULATOR	2	
21	100C-04	PLUG	6	
22	100C-05	PLUG	2or4	
23	100D-0502	CONNECTOR	2	
24	103S-02	TEE	2	
25	105B-0404	TEE	2	
26	105E-0405	REDUCER	4	
27	105F-0505	TEE	2or4	
28	111B-0808	CONNECTOR	4	
29	111E-0812	CONNECTOR	1	
30	111R-1208	REDUCER	4	
31	112C-08	TEE	1	
32	14A-04	LOCKWASHER	A.R.	
33	30A-04	NUT	A.R.	
34	14A-05	LOCKWASHER	A.R.	
35	30A-05	NUT	A.R.	
36	50A-0612	BOLT	2	
37	14A-06	LOCKWASHER	2	
38	14C-06	FLATWASHER	A.R.	
39	30A-06	NUT	2	
	26868	SEAL KIT FOR 24412 BRAKE VALVE	A.R.	

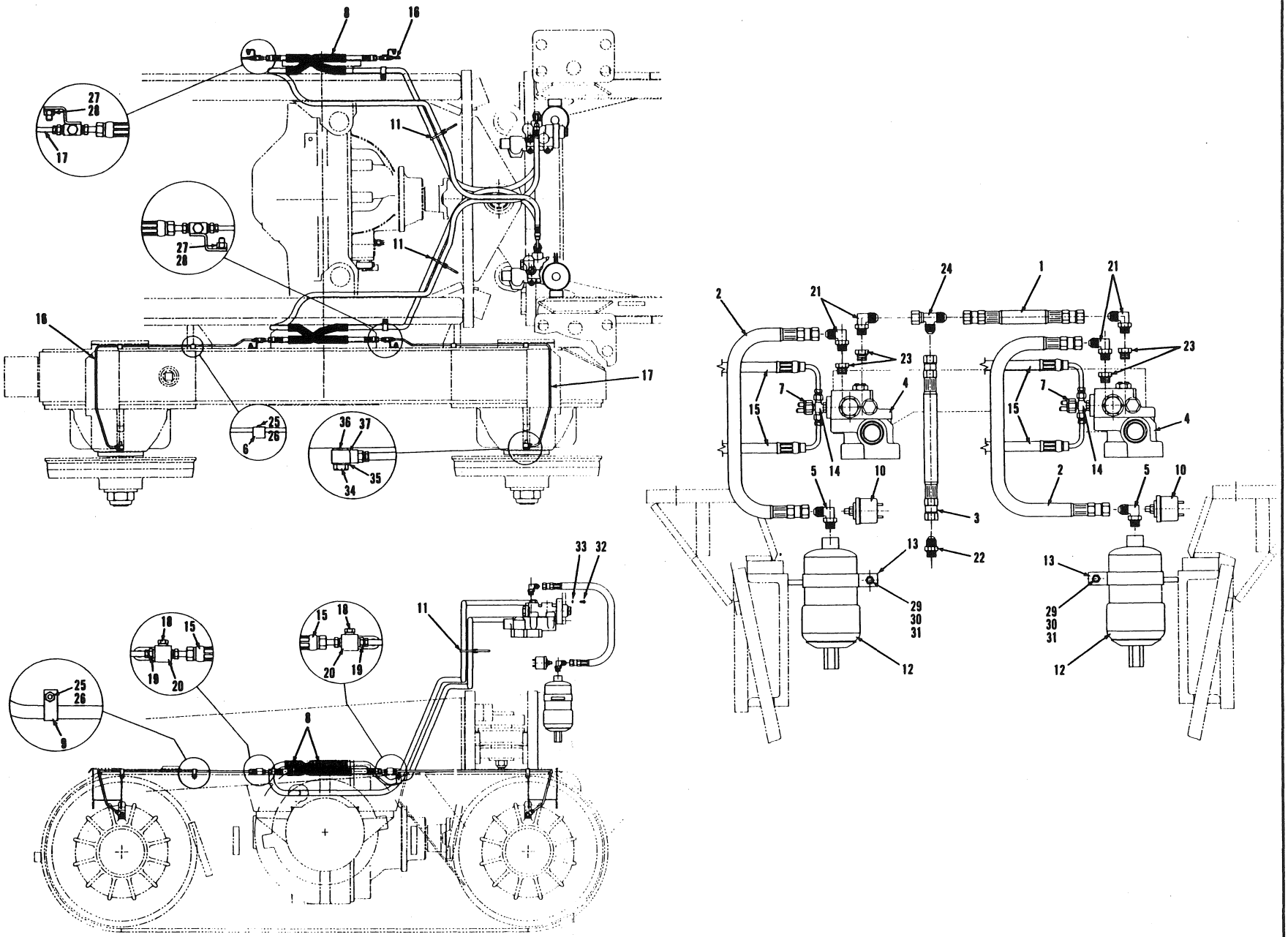
No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		MODEL 720,730,740 & 780		
40	14382 X 28	HOSE	2	
41	43927	TUBE - L.H.	1	
42	43928	TUBE - R.H.	1	
		MODEL 720A,730A,740A & 780A		
43	*9313 X 18	HOSE	1	
44	14382 X 14	HOSE	2	
45	43925	TUBE - L.H.	1	
46	43926	TUBE - R.H.	1	
47	44432	HOSE	4	
48	37099	BRACKET	2	A.W.D. MODEL 720A & 730A
		A.W.D. MODEL 710 & 710A		
49	14382 X 14	HOSE	2	
50	42225	TUBE	1	
51	42226	TUBE	1	
52	43922	TUBE	1	710
53	43923	TUBE	1	710
54	43924	TUBE	2	710A
55	44432	HOSE	2	710A
	16042	ACCUMULATOR CHARGING KIT - CONSISTS OF:		
		PRESSURE GAUGE, ADAPTER, AIR CHUCK, TANK VALVE ASSY., BLEEDER VALVE } GAUGING HEAD ASSY.		
		SWIVEL CONNECTOR, HOSE, COUPLING, GLAND, STD. L.H. GLAND NUT } CHARGING HOSE ASSY.		
56		TANDEM ASSEMBLY	REF.	SECTION 7 PAGE 16

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

19433, 19435 to 20453

700 SERIES
SERIE 700

SECTION 9 PAGE 17
SECCION 9 PAGINA 17



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4 REVISION A

OPERATING CIRCUIT - OIL DISC BRAKES

MARCH 1990

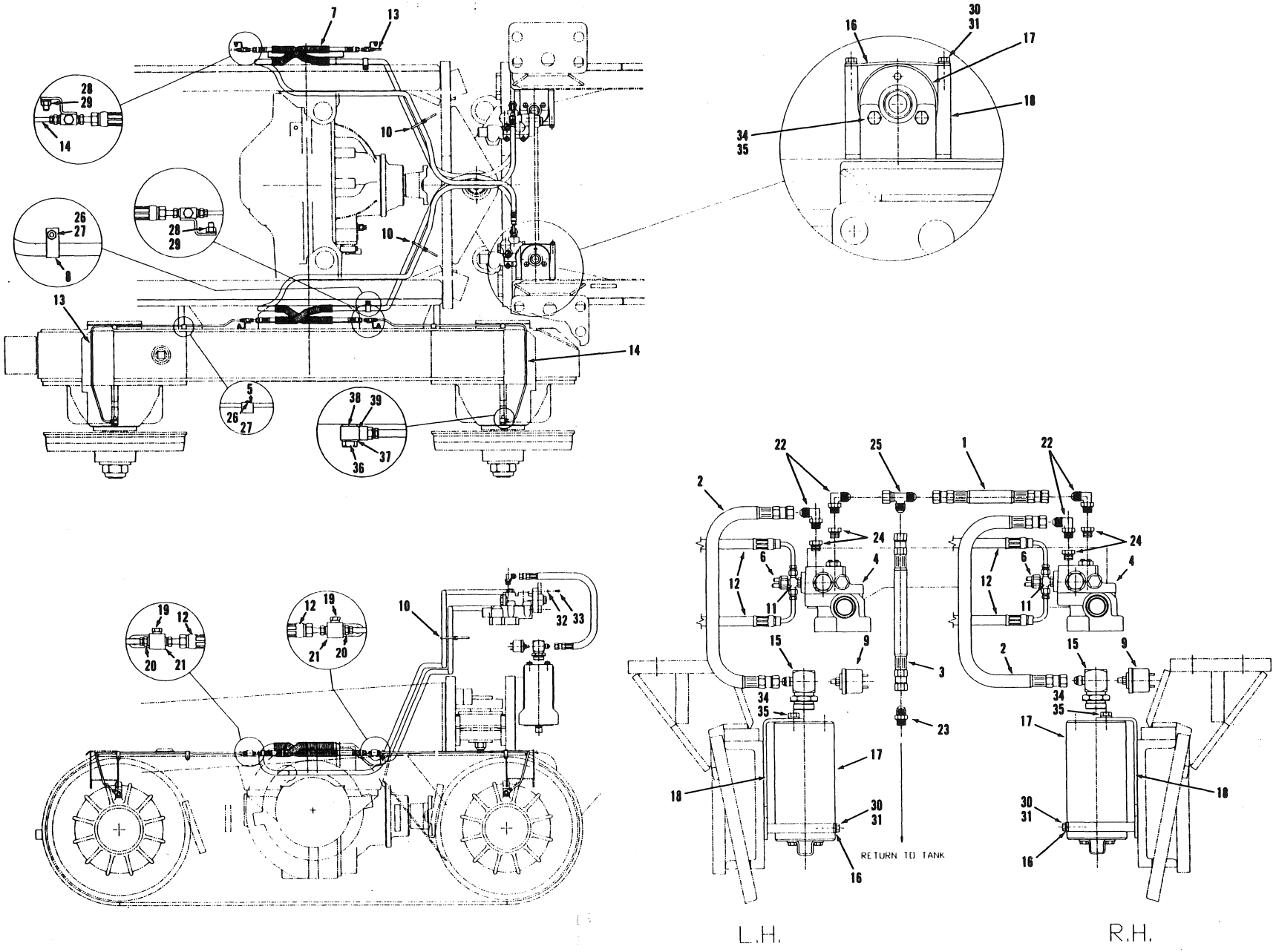
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	9313X18	HOSE	1	
2	9313X22	HOSE	2	
3	9313X110	HOSE	1	
4	24412	BRAKE VALVE	2	
	*26868	SEAL KIT FOR - 24412 BRAKE VALVE		
5	24501	CONNECTOR	2	
6	25169	CLIP	8	
7	27674	SWITCH - BRAKE LIGHT	2	
8	30925X12	HOSE WRAP	4	
9	32318	CLAMP	4	
10	44433	PRESSURE SWITCH	2	
11	45699	TIE WRAP	6	
12	45811	ACCUMULATOR	2	
13	49650	BRACKET	2	
14	49841	TEE	2	
15	49862X96	HOSE	4	
16	*54015	BRAKE LINE - RIGHT REAR/LEFT FRONT	2	
17	*54016	BRAKE LINE - RIGHT FRONT/LEFT REAR	2	
18	100C-05	PLUG	4	
19	105E-0405	REDUCER	4	
20	105F-0505	TEE	4	
21	111B-0808	CONNECTOR	4	
22	111E-0812	CONNECTOR	1	
23	111R-1208	REDUCER	4	
24	112C-08	TEE	1	
25	14A-04	LOCKWASHER	12	
26	30A-04	NUT	12	
27	14A-05	LOCKWASHER	4	
28	30A-05	NUT	4	
29	50A-0610	BOLT	2	
30	14A-06	LOCKWASHER	2	
31	30A-06	NUT	2	
32	51A-0710	BOLT	6	
33	14A-07	LOCKWASHER	6	
34	18822	BOLT	4	
35	18823	GASKET	4	
36	18824	GASKET	4	
37	18825	FITTING	4	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20454, 20455, 20457 to 20459, 20462 & UP

700 SERIES
SERIE 700

SECTION 9 PAGE 17
SECCION 9 PAGINA 17

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5

OPERATING CIRCUIT - OIL DISC BRAKES

MARCH 1990

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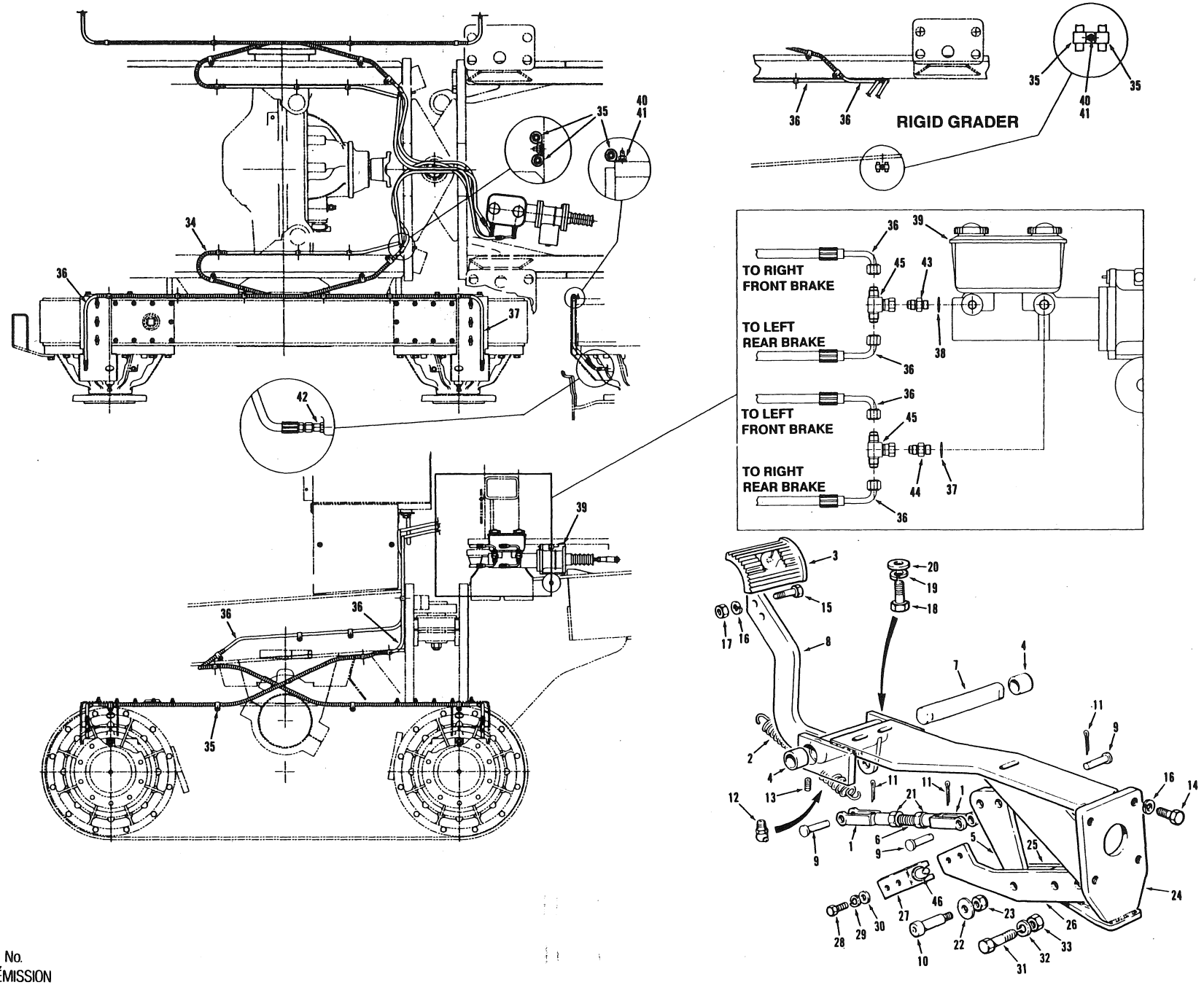
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

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OPERATING CIRCUIT - OIL DISC BRAKES

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	9313 x 18	HOSE	1	
2	9313 x 22	HOSE	2	
3	9313 x 110	HOSE	1	
4	24412	BRAKE VALVE	2	
	*26868	SEAL KIT - FOR 24412 BRAKE VALVE	1 per	
5	25169	CLIP	8	
6	27674	SWITCH - BRAKE LIGHT	2	
7	30925 x 12	HOSE WRAP	4	
8	32318	CLAMP	4	
9	44433	PRESSURE SWITCH	2	
10	45699	TIE WRAP	6	
11	49841	TEE	2	
12	49862 x 96	HOSE	4	
13	*54015	BRAKE LINE - RIGHT REAR/LEFT FRONT	2	
14	*54016	BRAKE LINE - RIGHT FRONT/LEFT REAR	2	
15	*54778	CONNECTOR	2	
16	*54779	STRAP	2	
17	*54790	ACCUMULATOR	2	
	*56473	SEAL KIT - FOR 54790 ACCUMULATOR	1 per	
	*56474	GAUGE - USE WITH CHARGING KIT	1	
	*56475	CHARGING KIT - INCLUDES 10' HOSE, FITTINGS, GAS VALVE, BLEEDER VALVE & GAS CHUCK	1	
18	*54792	BRACKET	2	
19	100C-05	PLUG	4	
20	105E-0405	REDUCER	4	
21	105F-0505	TEE	4	
22	111B-0808	CONNECTOR	4	
23	111E-0812	CONNECTOR	1	
24	111R-1208	REDUCER	4	
25	112C-08	TEE	1	
26	14A-04	LOCKWASHER	12	
27	30A-04	NUT	12	
28	14A-05	LOCKWASHER	4	
29	30A-05	NUT	4	
30	*50A-0608	BOLT	4	
31	14A-06	LOCKWASHER	4	
32	51A-0710	BOLT	6	
33	14A-07	LOCKWASHER	6	
34	*51A-0806	BOLT	4	
35	*14A-08	LOCKWASHER	4	
36	18822	BOLT	4	
37	18823	GASKET	4	
38	18824	GASKET	4	
39	18825	FITTING	4	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

Models 710 thru 740A
21134 & UP, EXCLUDING 21225
Models 750 thru 780A
21386 & UP

700 SERIES
SERIE 700

SECTION 9 PAGE 17
SECCION 9 PAGINA 17

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 6 REVISION A

BRAKE PEDAL & CIRCUIT - OIL DISC BRAKES

FEBRUARY 1991

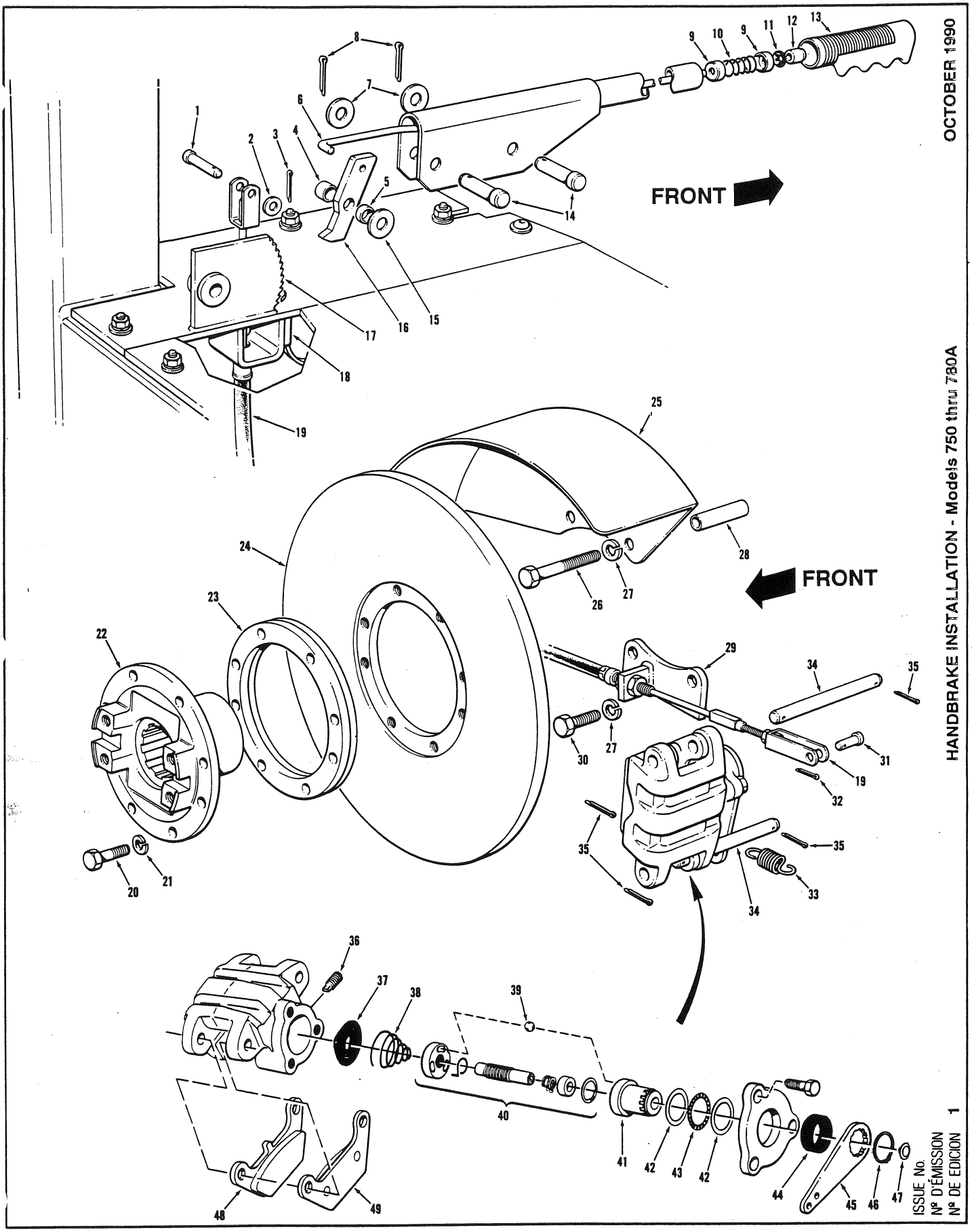
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POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		BRAKE PEDAL INSTALLATION		
1	602	CLEVIS	2	
2	670	SPRING	1	
3	28646	PAD	1	
4	32824	BUSHING	2	
5	56746	PIVOT PLATE	1	
6	48340	ROD	1	
7	48341	SHAFT	1	
8	53018	LEVER	1	
9	10A-0820	CLEVIS PIN	3	
10	50G-0812	SHOULDER SCREW	1	
11	13A-0416	COTTER PIN	3	
12	28B-04	GREASE FITTING	1	
13	70B-0405	SET SCREW	2	
14	50A-0610	BOLT	4	
15	50A-0612	BOLT	2	
16	14A-06	LOCKWASHER	6	
17	30A-06	NUT	2	
18	50A-0810	BOLT	3	
19	14A-08	LOCKWASHER	3	
20	14C-08	FLATWASHER	3	
21	31D-08	NUT	2	
22	14C-06	LOCKWASHER	1	
23	36M-06	LOCKNUT	1	
24	56741	BRACKET	1	
25	56745	PIVOT - OUTER	1	
26	56773	PIVOT - INNER	1	
27	56774	BRACKET	1	
28	50A-0506	BOLT	2	
29	14A-05	LOCKWASHER	2	
30	14C-05	FLATWASHER	2	
31	50A-0820	BOLT	2	
32	14A-08	LOCKWASHWER	2	
33	30A-08	NUT	2	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		BRAKE CIRCUIT		
34	30926 x 110	HOSE WRAP	4	
35	32318	CLAMP	24	
36	56792 x 150	HOSE	4	
37	56793	SEAL	1	
38	56794	SEAL	1	
39		MASTER CYLINDER	REF.	Sect 9 Pg 5
40	*14A-06	LOCKWASHER	22	
41	*30A-06	NUT	22	
42	111E-0404	CONNECTOR	4	
43	111E-0605	CONNECTOR	1	
44	111E-0606	CONNECTOR	1	
45	112D-06	TEE	2	
46	56775	SWITCH - BRAKE LIGHT	1	



HANDBRAKE INSTALLATION - Models 750 thru 780A

OCTOBER 1990

CHAMPION ROAD MACHINERY

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ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1

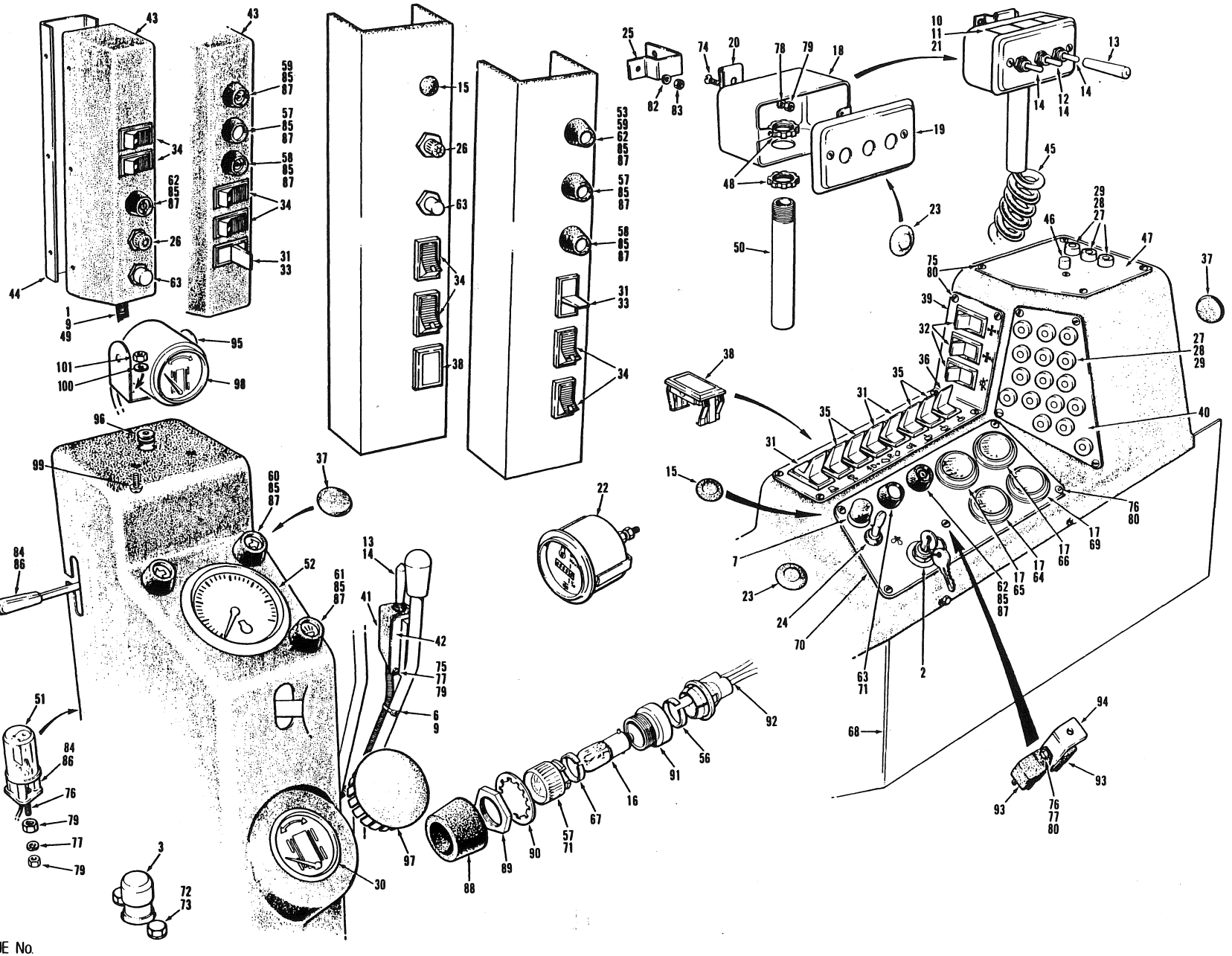
EFFECTIVE SERIAL NUMBER(S) 21053 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

HANDBRAKE INSTALLATION - Models 750 thru 780A

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	54462	**HANDLE ASSEMBLY** - C/W ITEMS 1 TO 17	1	
1	10A-0516	CLEVIS PIN	1	
2	14C-05	FLATWASHER	1	
3	13A-0312	COTTER PIN	3	
4	54460	SPACER - LONG	1	
5	54461	SPACER - SHORT	1	
6	54459	ROD	1	
7	14C-08	FLATWASHER	2	
8	13A-0420	COTTER PIN	2	
9	46552	WASHER	2	
10	34561	SPRING	1	
11	46553	FASTENER	2	
12	46554	END PROTECTOR	1	
13	46556	GRIP - HANDLE	1	
14	10A-0828	CLEVIS PIN	2	
15	14D-08	FLATWASHER	1	
16	48970	PAWL	1	
17	54458	RATCHET	1	Repair Part
18	56775	SWITCH - WARNING LIGHT	1	
19	56066	BRAKE CABLE	1	
20	51A-0718	BOLT	8	
21	14A-07	LOCKWASHER	8	
22	36293	YOKE	1	
23	55327	ADAPTER	1	
24	55324	DISC	1	
25	56068	FENDER	1	
26	50A-1036	BOLT	2	
27	14A-10	LOCKWASHER	4	
28	58512	SPACER	2	
29	56071	CABLE ANCHOR	1	
30	50A-1018	BOLT	2	
31	10A-0616	CLEVIS PIN	1	
32	13A-0312	COTTER PIN	1	
33	56067	SPRING	1	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	55325	**CALIPER ASSEMBLY** - C/W ITEMS 34 TO 49	1	
34	58527	MOUNTING PIN	2	
35	13A-0524	COTTER PIN	4	
36	58516	KEY	1	
37	58517	BOOT	1	
38	58518	SPRING	1	
39	58519	BALL	3	
40	58515	SHAFT & STATOR ASSEMBLY	1	
41	58520	ROTOR	1	
42	58522	THRUST WASHER	2	
43	58521	THRUST BEARING	1	
44	58523	BOOT	1	
45	58524	LEVER	1	
46	58525	RETAINING RING	1	
47	58526	PLUG	1	
48	58513	PAD & HOLDER ASSEMBLY	1	
49	58514	PAD & HOLDER ASSEMBLY	1	



ISSUE No.
Nº D'ÉMISSION
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INSTRUMENTS

JUNE 1988

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EFFECTIVE SERIAL NUMBER(S) 16224, 16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 10 PAGE 1
SECCION 10 PAGINA 1

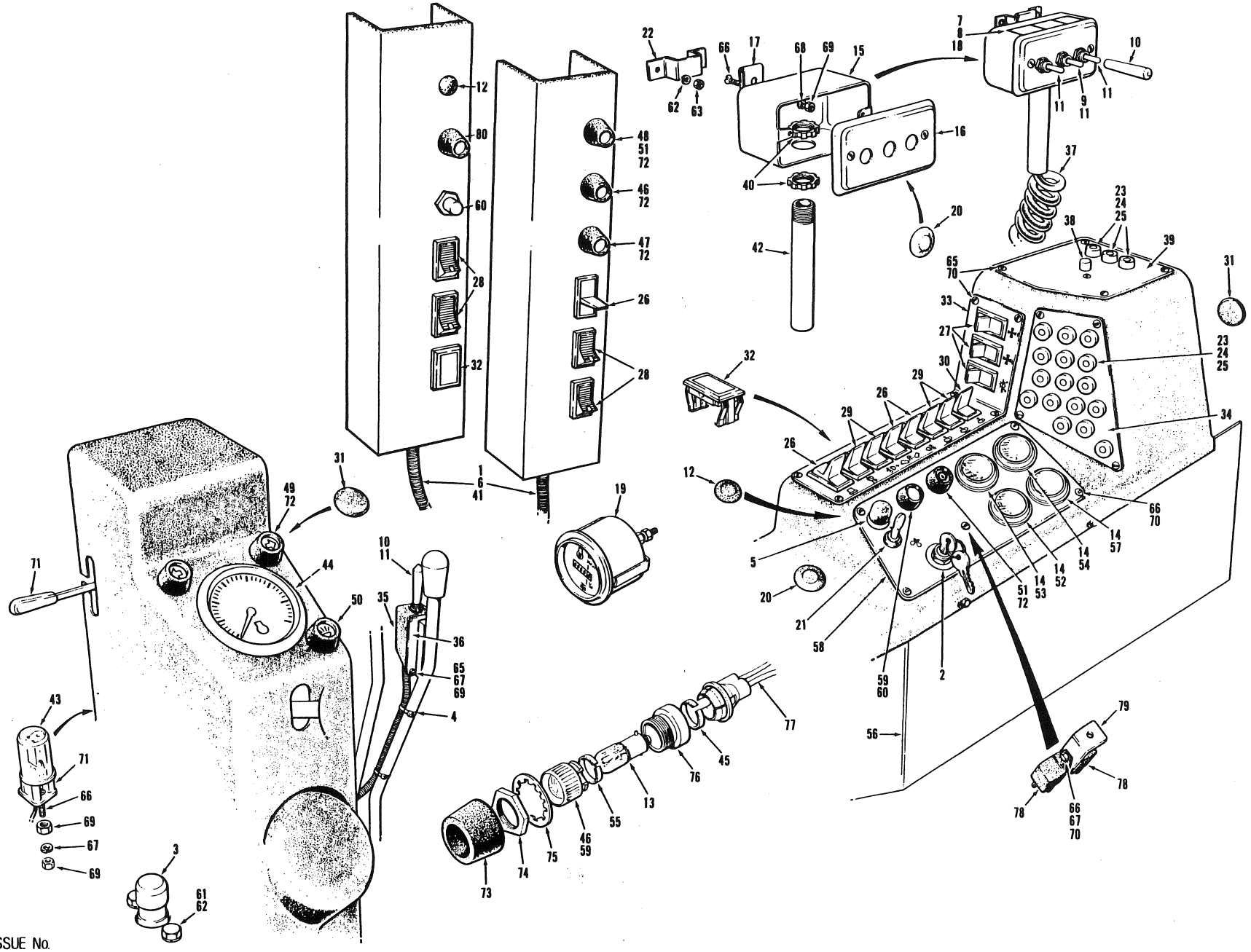
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	*140-01	WIRE - 14 Ga.	A.R.	
2	5618	IGNITION SWITCH & KEYS	1	
3	7120	DIMMER SWITCH	1	
6	15774	PLASTIC TIE	A.R.	
7	16579	HORN BUTTON	1	
9	17536	CONDUIT	A.R.	
10	17796	DECAL - WINDROW ELIMINATOR	1	
11	17797	DECAL - RIPPER	1	
12	17881	SWITCH	A.R.	
13	17924	HANDLE	A.R.	
14	17925	SWITCH	A.R.	
15	18012	PLUG	A.R.	
16	18790	BULB	A.R.	
17	19075	BULB	A.R.	
18	19884	SWITCH BOX	1	
19	19885	LID - C/W SCREWS	1	
20	19939	CLIP	1	
21	23008	DECAL - WING CONTROLS	1	
22	23083	HOURMETER	1	
23	23121	PLUG	A.R.	
24	23122	SWITCH - COLD START	1	
25	23123	BRACKET	1	
26	25695	BUZZ LITE - LOW COOLANT WARNING	1	OPTIONAL
27	27352	CIRCUIT BREAKER - 6 AMP.	A.R.	
28	27353	CIRCUIT BREAKER - 9 AMP.	A.R.	
29	27354	CIRCUIT BREAKER - 15 AMP.	A.R.	
30	28698	GAUGE - ARTICULATION	1	UP TO S/N 17342
	*NOTE	28698 - REPLACED BY DETAIL NO. 95		
31	28700	SWITCH - 2 POSITION	A.R.	
32	28701	SWITCH - 3 POSITION	A.R.	
33	28702	SWITCH - 3 POSITION MOMENTARY	A.R.	
34	28718	SWITCH - FLOAT VALVE	2	
35	28720	SWITCH - 3 POSITION	A.R.	
36	28721	SWITCH - 2 POSITION MOMENTARY	A.R.	
37	28748	PLUG	A.R.	
38	28749	PLUG	A.R.	
39	28879	SWITCH PANEL	1	
40	28880	LOWER PANEL	1	
41	28962	HOLDER	1	
42	28963	BRACKET	1	
43	28968	SWITCH POD	1	UP TO S/N 16847
44	32324	BRACKET	1	
45	32372	COIL CORD	1	
46	32379	CIRCUIT BREAKER - 25 AMP.	1	
47	32393	UPPER PANEL	1	
48	32412	LOCKNUT	2	
49	32437	GROMMET	1	
50	32577	HANDLE	1	
51	32752	FLASHER UNIT	1	
52	34055	TACHOMETER	1	
53	34984	LENS - PARKING BRAKE	1	
56	34416	FORCE RING	1	
57	34428	LENS - AMBER	A.R.	
58	34430	LENS - DIFFERENTIAL	1	
59	34431	LENS - O.D.B. PRESSURE	1	
60	34432	LENS - TURN SIGNAL	1	
61	34433	LENS - HIGH BEAM	1	
62	34434	LENS - LUBE PRESSURE	1	
63	*44286	BUZZ LITE	A.R.	
64	36733	VOLTMETER	1	
65	36734	GAUGE - COOLANT TEMPERATURE	1	
66	36735	GAUGE - ENGINE OIL PRESSURE	1	
67	36829	FORCE RING	1	
68	40098	BOX	1	
69	40127	GAUGE - FUEL LEVEL	1	
70	40517	GAUGE PANEL	1	
71	41304	LENS - RED - ENGINE WARNING	1	
72	50A-0404	BOLT	2	
73	14A-04	LOCKWASHER	2	
74	52H-0604	SCREW	3	
75	52L-0804	SCREW	A.R.	
76	52L-0808	SCREW	A.R.	
77	14F-08	LOCKWASHER	A.R.	
78	14S-06	STARWASHER	3	
79	32A-06	NUT	3	
80	46A-08	NUT	A.R.	
82	14F-10	LOCKWASHER	A.R.	
83	32A-10	NUT	A.R.	
84	23168	SWITCH	A.R.	UP TO SER. No. 16470 U.S. SER. No. 2211-2
85	34426	LIGHT INDICATOR ASSEMBLY - INCLUDES ITEMS 16, 56, 67 & 88 TO 92	A.R.	UP TO SER. No. 16470 U.S. SER. No. 2211-2
86	40963	SWITCH	A.R.	SER. No. 16471 & UP U.S. SER. No. 2212-2 & UP
87	40500	LIGHT INDICATOR ASSEMBLY - INCLUDES ITEMS 16, 56, 67 & 88 TO 91	A.R.	SER. No. 16471 & UP U.S. SER. No. 2212-2 & UP
88		SHROUD	1	NOT SOLD SEPARATELY
89		NUT	1	NOT SOLD SEPARATELY
90		WASHER	1	NOT SOLD SEPARATELY
91		BODY	1	NOT SOLD SEPARATELY
92		WIRES	1	NOT SOLD SEPARATELY
93	25292	RELAY SWITCH	2	
94	33239-2	BRACKET	1	
95	*28698	ARTICULATION GAUGE SERVICE PACKAGE - INCLUDES ITEMS 96 TO 101	A.R.	REPAIR PART
96	*41710	GROMMET	1	
97	*46802	COVER	1	
98	*46803	GAUGE - ARTICULATION	1	
99	*52L-0804	SCREW	2	
100	*14F-08	LOCKWASHER	2	
101	*32A-08	NUT	2	

EFFECTIVE SERIAL NUMBER(S) 17490 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2572-2 & UP

700 SERIES
SERIE 700

SECTION 10 PAGE 1
SECCION PAGINA



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION B

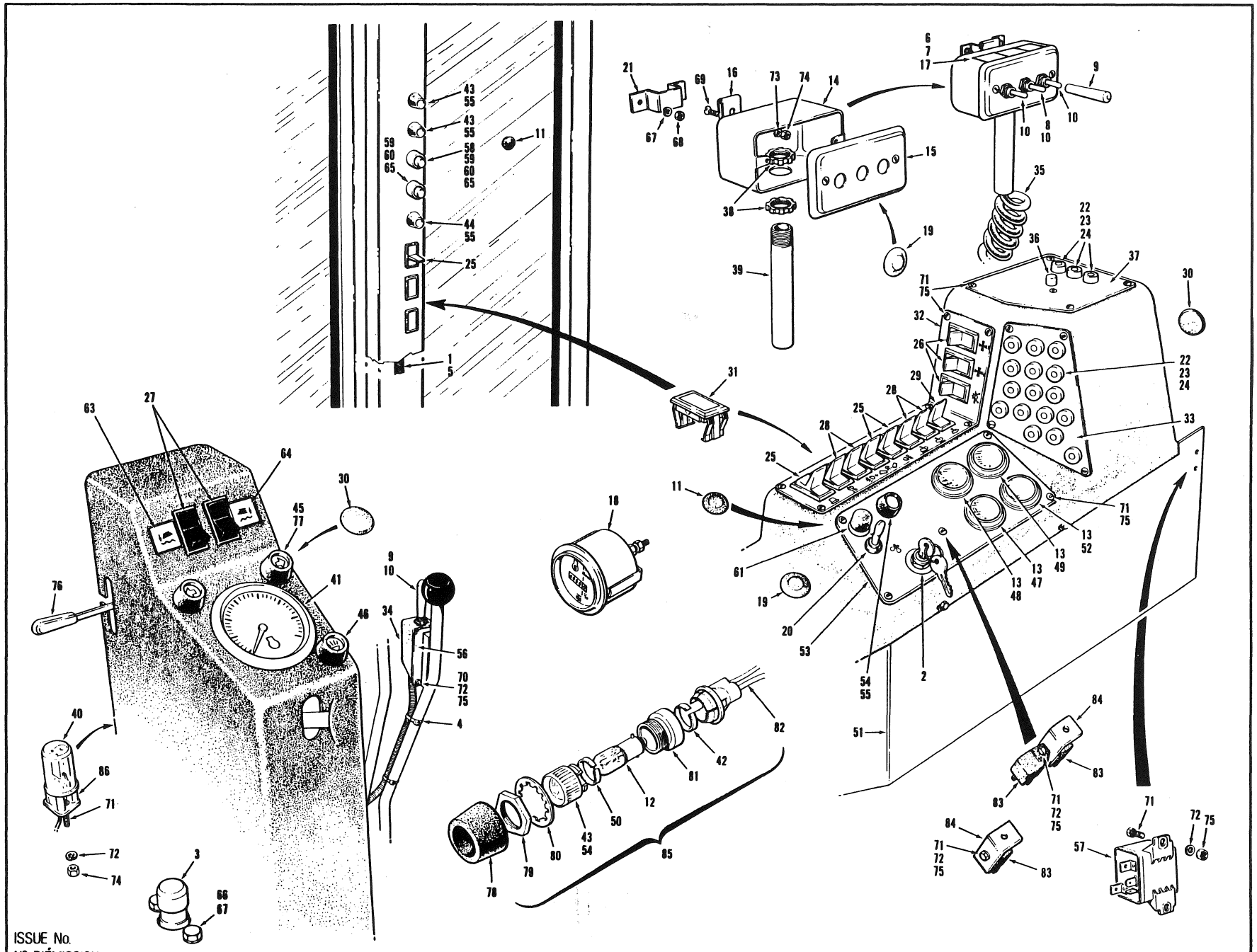
INSTRUMENTS

JUNE 1988

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	*140-01	WIRE - 14 Ga.	A.R.	
2	5618	IGNITION SWITCH & KEYS	1	
3	7120	DIMMER SWITCH	1	
4	15774	PLASTIC TIE	A.R.	
5	16579	HORN BUTTON	1	
6	17536	CONDUIT	A.R.	
7	17796	DECAL - WINDROW ELIMINATOR	1	
8	17797	DECAL - RIPPER	1	
9	17881	SWITCH	A.R.	
10	17924	HANDLE	A.R.	
11	17925	SWITCH	A.R.	
12	18012	PLUG	A.R.	
13	18790	BULB	A.R.	
14	19075	BULB	A.R.	
15	19884	SWITCH BOX	1	
16	19885	LID - C/W SCREWS	1	
17	19939	CLIP	1	
18	23008	DECAL - WING CONTROLS	1	
19	23083	HOURMETER	1	
20	23121	PLUG	A.R.	
21	23122	SWITCH - COLD START	1	
22	23123	BRACKET	1	
23	27352	CIRCUIT BREAKER - 6 AMP.	A.R.	
24	27353	CIRCUIT BREAKER - 9 AMP.	A.R.	
25	27354	CIRCUIT BREAKER - 15 AMP.	A.R.	
26	28700	SWITCH - 2 POSITION	A.R.	
27	28701	SWITCH - 3 POSITION	A.R.	
28	28718	SWITCH - FLOAT VALVE	2	
29	28720	SWITCH - 3 POSITION	A.R.	
30	28721	SWITCH - 2 POSITION MOMENTARY	A.R.	
31	28748	PLUG	A.R.	
32	28749	PLUG	A.R.	
33	28879	SWITCH PANEL	1	
34	28880	LOWER PANEL	1	
35	28962	HOLDER	1	
36	28963	BRACKET	1	
37	32372	COIL CORD	1	
38	32379	CIRCUIT BREAKER - 25 AMP.	1	
39	32393	UPPER PANEL	1	
40	32412	LOCKNUT	2	
41	32437	GROMMET	1	
42	32577	HANDLE	1	
43	32752	FLASHER UNIT	1	
44	34055	TACHOMETER	1	
45	34416	FORCE RING	1	
46	34428	LENS - AMBER	A.R.	
47	34430	LENS - DIFFERENTIAL	1	
48	34431	LENS - O.D.B. PRESSURE	1	
49	34432	LENS - TURN SIGNAL	1	
50	34433	LENS - HIGH BEAM	1	
51	34434	LENS - LUBE PRESSURE	1	
52	36733	VOLTMETER	1	
53	36734	GAUGE - COOLANT TEMPERATURE	1	
54	36735	GAUGE - ENGINE OIL PRESSURE	1	
55	36829	FORCE RING	1	
56	40098	BOX	1	
57	40127	GAUGE - FUEL LEVEL	1	
58	40517	GAUGE PANEL	1	
59	41304	LENS - RED - ENGINE WARNING	1	
60	44286	BUZZ LITE	A.R.	
61	50A-0404	BOLT	2	
62	14A-04	LOCKWASHER	2	
63	30A-04	NUT	2	
64	52H-0604	SCREW	1	
65	52L-0804	SCREW	A.R.	
66	52L-0808	SCREW	A.R.	
67	14F-08	LOCKWASHER	A.R.	
68	14H-06	STARWASHER	1	
69	32A-06	NUT	3	
70	46A-08	NUT	A.R.	
71	40963	SWITCH	A.R.	
72	40500	LIGHT INDICATOR ASSEMBLY - INCLUDES ITEMS 13, 45, 55 & 73 TO 76	A.R.	
73		SHROUD	1	
74		NUT	1	
75		WASHER	1	
76		BODY	1	
77		WIRES	1	
		NOT SOLD SEPARATELY		
78	25292	RELAY SWITCH	3	
79	33239-2	BRACKET	1	
80	*34426	LIGHT INDICATOR ASSEMBLY - INCLUDES ITEMS 13, 45, 55 & 73 TO 77	A.R.	REPAIR PART



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

19292 & UP

700 SERIES
SERIE 700

SECTION 10 PAGE 1
SECCION 10 PAGINA 1

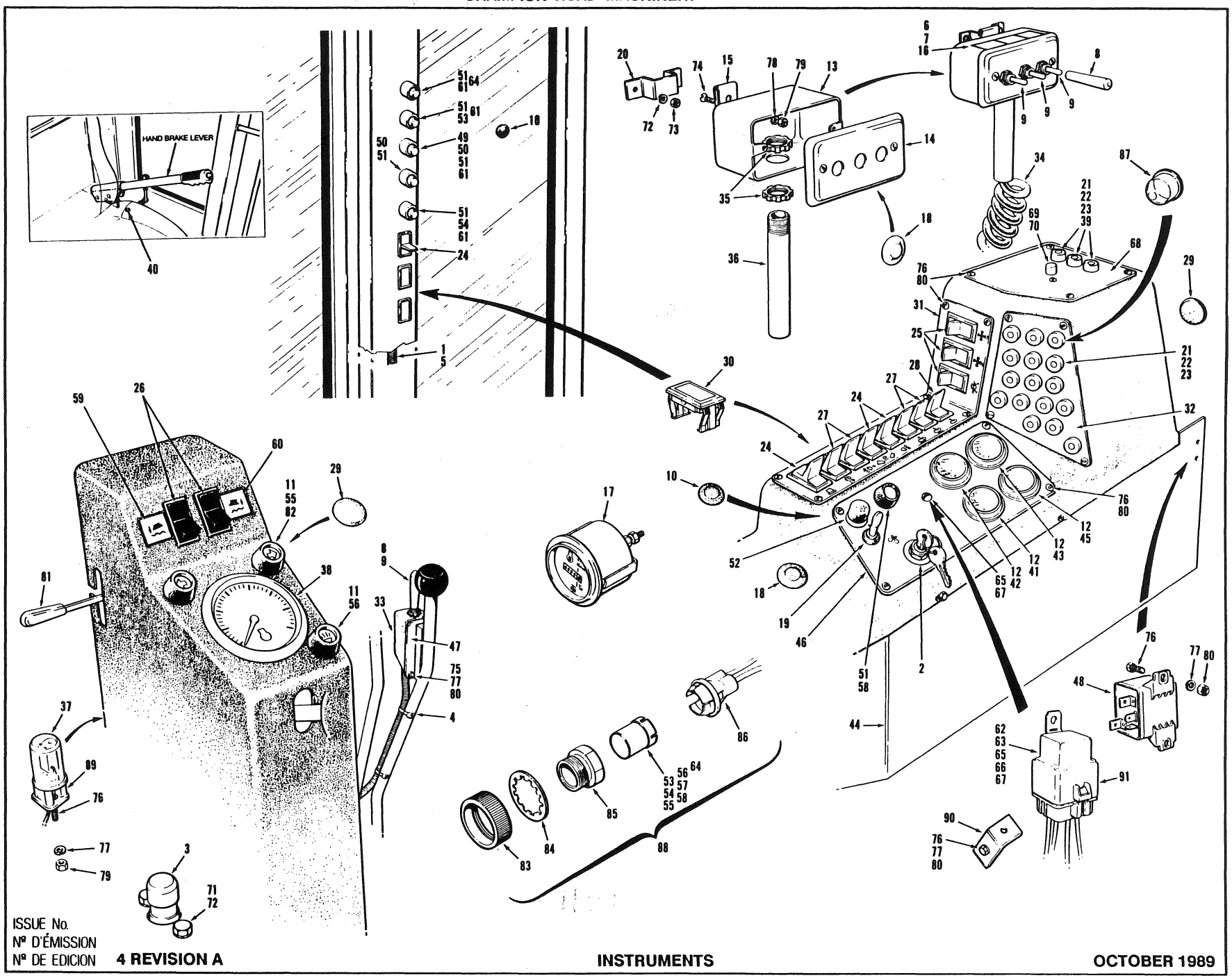
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3 REVISION A

APRIL 1989

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	140-1	WIRE - 14 GA.	A.R.	
2	5618	IGNITION SWITCH & KEYS	1	
3	7120	DIMMER SWITCH	1	
4	15774	PLASTIC TIE	A.R.	
5	17536	CONDUIT	A.R.	
6	17796	DECAL - WINDROW ELIMINATOR	1	
7	17797	DECAL - RIPPER	1	
8	17881	SWITCH	A.R.	
9	17924	HANDLE	A.R.	
10	17925	SWITCH	A.R.	
11	18012	PLUG	A.R.	
12	18790	BULB	A.R.	
13	19075	BULB	A.R.	
14	19884	SWITCH BOX	1	
15	19885	LID - C/W SCREWS	1	
16	19939	CLIP	1	
17	23008	DECAL - WING CONTROLS	1	
18	23083	HOUR METER	1	
19	23121	PLUG	A.R.	
20	23122	SWITCH - COLD START	1	
21	23123	BRACKET	1	
22	27352	CIRCUIT BREAKER - 6 AMP	A.R.	
23	27353	CIRCUIT BREAKER - 9 AMP	A.R.	
24	27354	CIRCUIT BREAKER - 15 AMP	A.R.	
25	28700	SWITCH - 2 POSITION	A.R.	
26	28701	SWITCH - 3 POSITION	A.R.	
27	28718	SWITCH - FLOAT VALVE	2	
28	28720	SWITCH - 3 POSITION	A.R.	
29	28721	SWITCH - 2 POSITION MOMENTARY	A.R.	
30	28748	PLUG	A.R.	
31	28749	PLUG	A.R.	
32	28879	SWITCH PANEL	1	
33	28880	LOWER PANEL	1	
34	28962	HOLDER	1	
35	32372	COIL CORD	1	
36	32379	CIRCUIT BREAKER - 25 AMP	1	
37	32393	UPPER PANEL	1	
38	32412	LOCKNUT	2	
39	32577	HANDLE	1	
40	32752	FLASHER UNIT	1	
41	34055	TACHOMETER	1	
42	34416	FORCE RING	1	
43	34428	LENS - AMBER	A.R.	
44	34430	LENS - DIFFERENTIAL	1	
45	34432	LENS - TURN SIGNAL	2	
46	34433	LENS - HIGH BEAM	1	
47	36733	VOLTMETER	1	
48	36734	GAUGE - COOLANT TEMPERATURE	1	
49	36735	GAUGE - ENGINE OIL PRESSURE	1	
50	36829	FORCE RING	1	
51	40098	BOX	1	
52	40127	GAUGE - FUEL LEVEL	1	
53	40517	GAUGE PANEL	1	
54	41304	LENS - RED - ENGINE WARNING	1	
55	44286	BUZZ LITE	A.R.	
56	48729	BRACKET	1	
57	*48909	RELAY SWITCH - DRUM BRAKES	1	
58	*49079	LENS	1	DRUM BRAKES
59	*49080	LENS	1	DRUM BRAKES
			2	O.D. BRAKES
60	*49094	BUZZ LITE INDICATOR C/W ITEM 65	2	DRUM BRAKES
61	49262	HORN BUTTON	1	
63	49481	DECAL - L.H. - FLOAT	1	
64	49482	DECAL - R.H. - FLOAT	1	
65	*49629	BULB	A.R.	
66	50A-0404	BOLT	2	
67	14A-04	LOCKWASHER	2	
68	30A-04	NUT	2	
69	52H-0604	SCREW	1	
70	52L-0804	SCREW	A.R.	
71	52L-0808	SCREW	A.R.	
72	14F-08	LOCKWASHER	A.R.	
73	14H-06	STARWASHER	1	
74	32A-06	NUT	3	
75	46A-08	NUT	A.R.	
76	40963	SWITCH	A.R.	
77	40500	LIGHT INDICATOR ASSEMBLY - INCLUDES ITEMS 12, 42, 50 & 78 TO 81	A.R.	
78		SHROUD	1	
79		NUT	1	
80		WASHER — NOT SOLD SEPARATELY	2	
81		BODY	1	
82		WIRES	1	
83	25292	RELAY SWITCH - TRANSMISSION	3	
84	33239-2	BRACKET	2	
85	34426	LIGHT INDICATOR ASSEMBLY - INCLUDES ITEMS 12, 42, 50 & 78 TO 82	A.R.	
86	*3974A	RECEPTACLE	1	



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

19843 & UP

700 SERIES
SERIE 700

SECTION 10 PAGE 1
SECCION 10 PAGINA 1

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

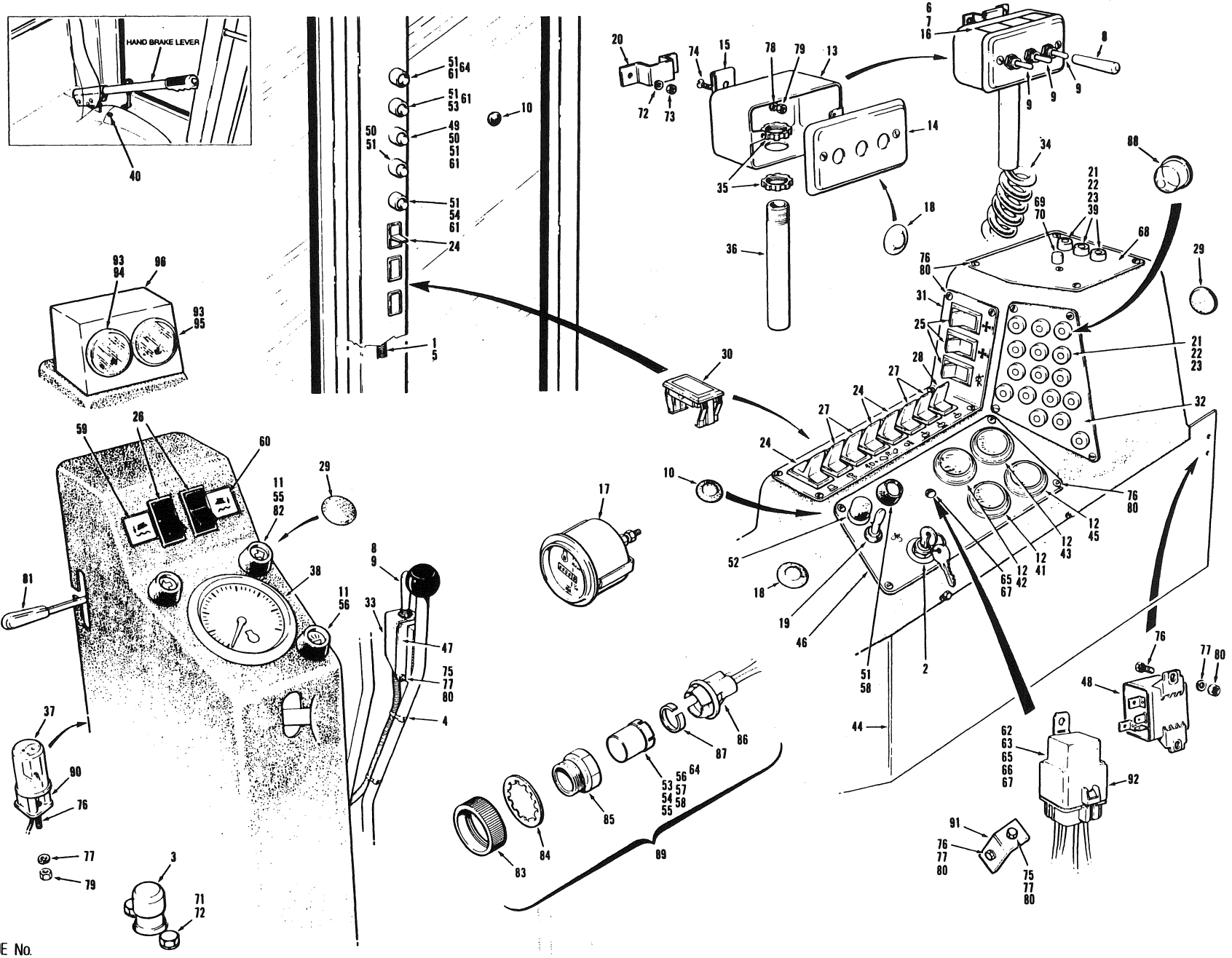
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4 REVISION A

INSTRUMENTS

OCTOBER 1989

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	140-1	WIRE - 14 GA.	A.R.	
2	5618	IGNITION SWITCH & KEYS	1	
3	7120	DIMMER SWITCH	1	
4	15774	PLASTIC TIE	A.R.	
5	17536	CONDUIT	A.R.	
6	17796	DECAL - WINDROW ELIMINATOR	1	
7	17797	DECAL - RIPPER	1	
8	17924	HANDLE	A.R.	
9	17925	SWITCH	A.R.	
10	18012	PLUG	A.R.	
11	18790	BULB	A.R.	
12	19075	BULB	A.R.	
13	19884	SWITCH BOX	1	
14	19885	LID - C/W SCREWS	1	
15	19939	CLIP	1	
16	23008	DECAL - WING CONTROLS	1	
17	23083	HOURMETER	1	
18	23121	PLUG	A.R.	
19	23122	SWITCH - COLD START	1	
20	23123	BRACKET	1	
21	27352	CIRCUIT BREAKER - 4 AMP.	A.R.	
22	27353	CIRCUIT BREAKER - 8 AMP.	A.R.	
23	23754	CIRCUIT BREAKER - 15 AMP.	A.R.	
24	28700	SWITCH - 2 POSITION	A.R.	
25	28701	SWITCH - 3 POSITION	A.R.	
26	28718	SWITCH - FLOAT VALVE	A.R.	
27	28720	SWITCH - 3 POSITION	A.R.	
28	28721	SWITCH - 2 POSITION MOMENTARY	A.R.	
29	28748	PLUG	A.R.	
30	28749	PLUG	A.R.	
31	28879	SWITCH PANEL	1	
32	28880	LOWER PANEL	1	
33	28962	HOLDER	1	
34	32372	COIL CORD	1	
35	32412	LOCKNUT	2	
36	32577	HANDLE	1	
37	32752	FLASHER UNIT	1	
38	34055	TACHOMETER	1	
39	34074	CIRCUIT BREAKER - 8 AMP.	A.R.	
40	34845	SWITCH - PARKING BRAKE	1	
41	36733	VOLTMETER	1	
42	36734	GAUGE - COOLANT TEMPERATURE	1	
43	36735	GAUGE - ENGINE OIL PRESSURE	1	
44	40098	BOX	1	
45	40127	GAUGE - FUEL LEVEL	1	
46	40517	GAUGE - PANEL	1	
47	48729	BRACKET	1	
48	48909	RELAY SWITCH - DRUM BRAKES	1	
49	49079	LENS	1	
50	49080	LENS	1	DRUM BRAKES
			2	O.D. BRAKES
51	49094	BUZZ LITE INDICATOR	A.R.	
52	49262	HORN BUTTON	1	
53	49347	LENS - AMBER	1	
54	49348	LENS - DIFFERENTIAL	1	
55	49349	LENS - TURN SIGNAL	2	
56	49350	LENS - HIGH BEAM	1	
57	49351	LENS - RED - TRANSMISSION PRESSURE	1	
58	49352	LENS - RED - ENGINE WARNING	1	
59	49481	DECAL - L.H. - FLOAT	1	
60	49482	DECAL - R.H. - FLOAT	1	
61	49629	BULB - 12 VOLT	A.R.	
62	51152	TRANSMISSION RELAY HARNESS C/W ITEM 91	1	
63	51153	NEUTRAL START RELAY HARNESS C/W ITEM 91	1	
64	51213	LENS - PARKING BRAKE	1	
65	51223	BACK-UP RELAY HARNESS C/W ITEM 91	1	
66	51565	PARKING BRAKE RELAY HARNESS C/W ITEM 91	1	
67	52081	DIFFERENTIAL LOCK RELAY HARNESS C/W ITEM 91	1	
68	53029	UPPER PANEL	1	
69	53046	CIRCUIT BREAKER - 25 AMP	1	
70	53047	CIRCUIT BREAKER - 30 AMP	1	
71	50A-0404	BOLT	2	
72	14A-04	LOCKWASHER	2	
73	30A-04	NUT	2	
74	52H-0604	SCREW	1	
75	52L-0804	SCREW	A.R.	
76	52L-0808	SCREW	A.R.	
77	14F-08	LOCKWASHER	A.R.	
78	14F-06	STARWASHER	1	
79	32A-06	NUT	3	
80	46A-08	NUT	A.R.	
81	40963	SWITCH	A.R.	
82	49630	LIGHT INDICATOR ASSEMBLY - INCLUDES ITEMS 83, 84 & 85	A.R.	
83		SHROUD	1	
84		WASHER	1	
85		BODY	1	
86		WIRES	1	
87	49754	CAP - PLASTIC	A.R.	
88	49295	LIGHT INDICATOR ASSEMBLY - INCLUDES ITEMS 83 TO 86	A.R.	
89	51334	RECEPTACLE	1	
90	33239-2	BRACKET	1	
91	*55213	RELAY	A.R.	REPAIR PART



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20265 & UP

700 SERIES
SERIE 700

SECTION 10 PAGE 1
SECCION PAGINA

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

INSTRUMENTS - 12 VOLT

MARCH 1990

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

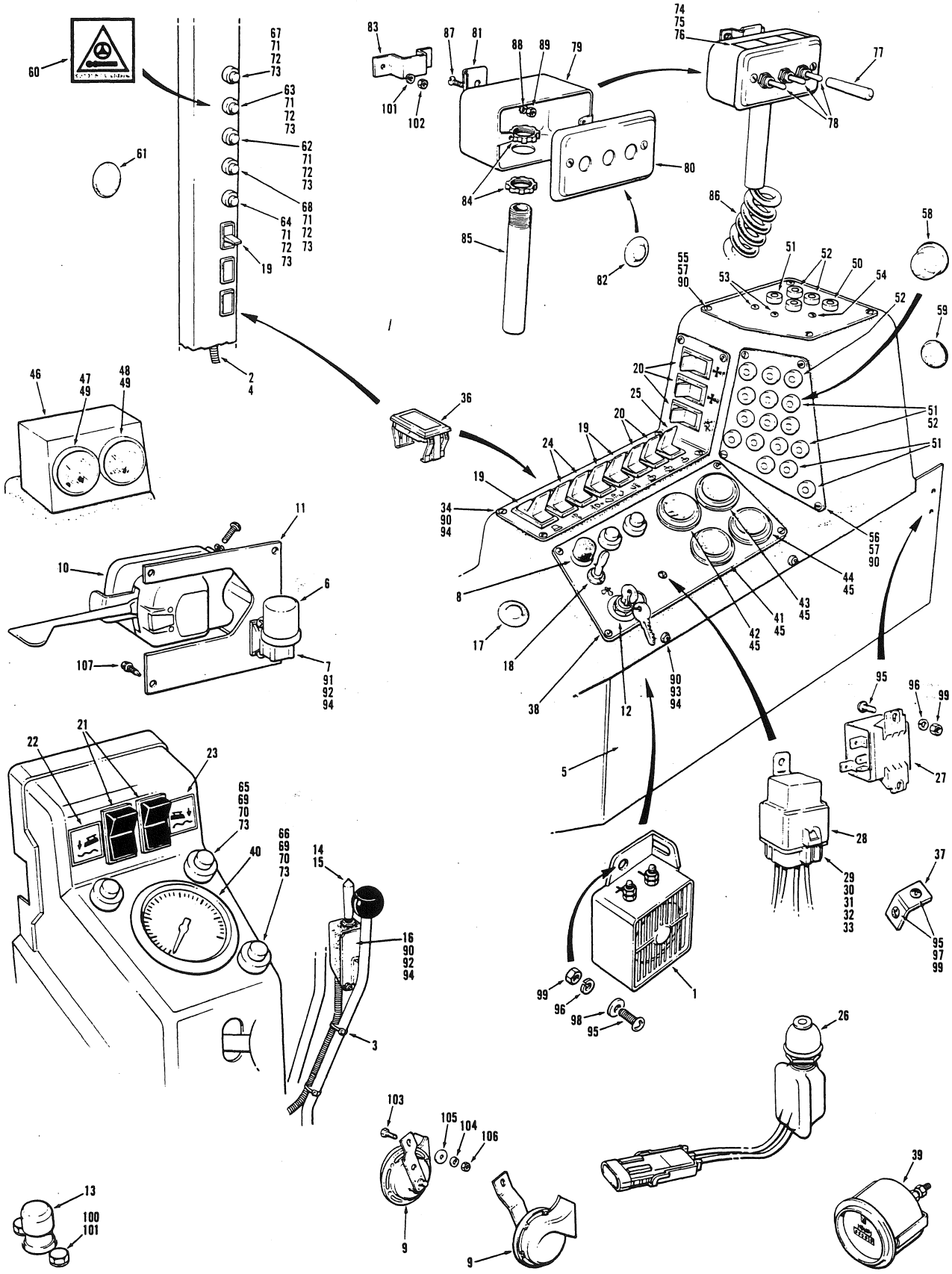
SECTION / SECCION 10 | PAGE / PAGINA 2 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 5

INSTRUMENTS 12 - VOLT

MARCH 1990

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	140-1	WIRE - 14 GA.	A.R.	
2	5618	IGNITION SWITCH & KEYS	1	
3	7120	DIMMER SWITCH	1	
4	15774	PLASTIC TIE	A.R.	
5	17536	CONDUIT	A.R.	
6	17796	DECAL - WINDROW ELIMINATOR	1	
7	17797	DECAL - RIPPER	1	
8	17924	HANDLE	A.R.	
9	17925	SWITCH	A.R.	
10	18012	PLUG	A.R.	
11	18790	BULB	A.R.	
12	19075	BULB	A.R.	
13	19884	SWITCH BOX	1	
14	19885	LID - C/W SCREWS	1	
15	19939	CLIP	1	
16	23008	DECAL - WING CONTROLS	1	
17	23083	HOURMETER	1	
18	23121	PLUG	A.R.	
19	23122	SWITCH - COLD START	1	
20	23123	BRACKET	1	
21	27352	CIRCUIT BREAKER - 4 AMP.	A.R.	
22	27353	CIRCUIT BREAKER - 8 AMP.	A.R.	
23	23754	CIRCUIT BREAKER - 15 AMP.	A.R.	
24	28700	SWITCH - 2 POSITION	A.R.	
25	28701	SWITCH - 3 POSITION	A.R.	
26	28718	SWITCH - FLOAT VALVE	A.R.	
27	28720	SWITCH - 3 POSITION	A.R.	
28	28721	SWITCH - 2 POSITION MOMENTARY	A.R.	
29	28748	PLUG	A.R.	
30	28749	PLUG	A.R.	
31	28879	SWITCH PANEL	1	
32	28880	LOWER PANEL	1	
33	28962	HOLDER	1	
34	32372	COIL CORD	1	
35	32412	LOCKNUT	2	
36	32577	HANDLE	1	
37	32752	FLASHER UNIT	1	
38	34055	TACHOMETER	1	
39	34074	CIRCUIT BREAKER - 8 AMP.	A.R.	
40	34845	SWITCH - PARKING BRAKE	1	
41	36733	VOLTMETER	1	
42	36734	GAUGE - COOLANT TEMPERATURE	1	
43	36735	GAUGE - ENGINE OIL PRESSURE	1	
44	*55100	BOX	1	
45	40127	GAUGE - FUEL LEVEL	1	
46	40517	GAUGE - PANEL	1	
47	48729	BRACKET	1	
48	48909	RELAY SWITCH - DRUM BRAKES	1	
49	49079	LENS	1	
50	49080	LENS	1	DRUM BRAKES
			2	O.D. BRAKES

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
51	49094	BUZZ LITE INDICATOR	A.R.	
52	49262	HORN BUTTON	1	
53	49347	LENS - AMBER	1	
54	49348	LENS - DIFFERENTIAL	1	
55	49349	LENS - TURN SIGNAL	2	
56	49350	LENS - HIGH BEAM	1	
57	49351	LENS - RED - TRANSMISSION PRESSURE	1	
58	49352	LENS - RED - ENGINE WARNING	1	
59	49481	DECAL - L.H. - FLOAT	1	
60	49482	DECAL - R.H. - FLOAT	1	
61	49629	BULB - 12 VOLT	A.R.	
62	51152	TRANSMISSION RELAY HARNESS C/W ITEM 92	1	
63	51153	NEUTRAL START RELAY HARNESS C/W ITEM 92	1	
64	51213	LENS - PARKING BRAKE	1	
65	51223	BACK-UP RELAY HARNESS C/W ITEM 92	1	
66	51565	PARKING BRAKE RELAY HARNESS C/W ITEM 92	1	
67	52081	DIFFERENTIAL LOCK RELAY HARNESS C/W ITEM 92	1	
68	53029	UPPER PANEL	1	
69	53046	CIRCUIT BREAKER - 25 AMP	1	
70	53047	CIRCUIT BREAKER - 30 AMP	1	
71	50A-0404	BOLT	2	
72	14A-04	LOCKWASHER	2	
73	30A-04	NUT	2	
74	52H-0604	SCREW	1	
75	52L-0804	SCREW	A.R.	
76	52L-0808	SCREW	A.R.	
77	14F-08	LOCKWASHER	A.R.	
78	14F-06	STARWASHER	1	
79	32A-06	NUT	3	
80	46A-08	NUT	A.R.	
81	*55179	SWITCH	A.R.	
82	*54225	LIGHT INDICATOR ASSEMBLY - INCLUDES ITEMS 83, 84 & 85	A.R.	
83		SHROUD	1	
84		WASHER	1	
85		BODY	1	
86		WIRES	1	
87	*34416	FORCE RING		
88	49754	CAP - PLASTIC	A.R.	
89	*56697	LIGHT INDICATOR ASSEMBLY - INCLUDES ITEMS 83 TO 87	A.R.	
90	51334	RECEPTACLE	1	
91	33239-2	BRACKET	1	
92	55213	RELAY	A.R.	REPAIR PART
		OPTIONAL GAUGES		
93	*9836	BULB - FOR ITEMS 94 & 95	2	
94	*10075	GAUGE - TEMPERATURE - C/W ITEM 93	1	
95	*16932	GAUGE - CLUTCH PRESSURE - C/W ITEM 93	1	
96	*34083	GAUGE PANEL	1	



CHAMPION ROAD MACHINERY

INSTRUMENTS & HORN - 12 VOLT

JANUARY 1992

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 6 REVISION A

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20830 to21397 INCLUDING 21405, 21406, 21419 & 21420

700 SERIES
SERIE 700

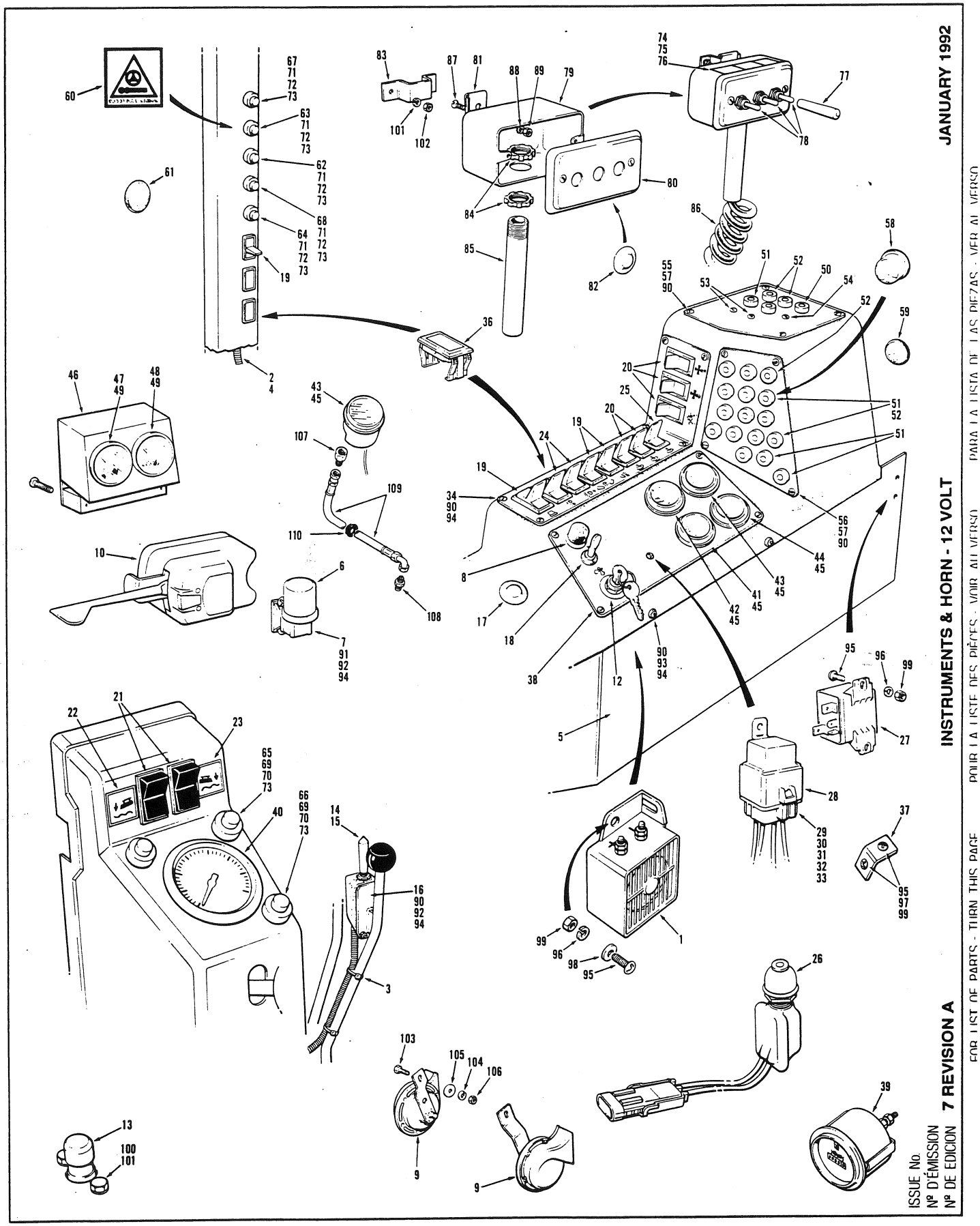
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SECCION PAGINA

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INSTRUMENTS & HORN - 12 VOLT

JANUARY 1992

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	57224	ALARM	1	
2	140-1	WIRE - 14 GAUGE	per foot	
3	15774	PLASTIC TIE	6	
4	17536	CONDUIT	per foot	
5	57221	CONSOLE BOX	1	
6	32752	FLASHER	1	
7	51334	RECEPTACLE - FLASHER	1	
8	49262	HORN BUTTON	1	
9	9685	HORN	1	
		SWITCHES & RELAYS		
10	55179	SWITCH - TURN SIGNAL/4 WAY FLASHER	1	
11	55187	BRACKET	1	
12	57171	IGNITION SWITCH & KEYS	1	
13	7120	DIMMER SWITCH	1	
14	17924	HANDLE	1	
15	17925	SWITCH - ARTICULATION OR ATTACHMENTS	1 to 4	
16	48729	BRACKET	1	
17	23121	PLUG	1	
18	23122	SWITCH - COLD START	1	
19	28700	SWITCH - WING LIGHTS, FLASHER, DIFFERENTIAL LOCK	1 to 4	
20	28701	SWITCH - DEFROSTER FANS, HEATER, WIPERS	2 to 5	
21	28718	SWITCH - FLOAT VALVES	1	
22	49481	DECAL - L.H. FLOAT VALVE	1	
23	49482	DECAL - R.H. FLOAT VALVE	1	
24	28720	SWITCH - HEADLIGHTS	1	
25	28721	SWITCH - WINDSHIELD WASHER	1	
26	56775	SWITCH - HAND BRAKE	1	
27	48909	RELAY SWITCH - DRUM BRAKES	1	
28	55213	RELAY	5	
29	51152	TRANSMISSION RELAY HARNESS	1	
30	51153	NEUTRAL START RELAY HARNESS	1	
31	51223	BACK-UP RELAY HARNESS	1	
32	51565	HAND BRAKE RELAY HARNESS	1	
33	52081	DIFFERENTIAL LOCK RELAY HARNESS	1	
34	57271	SWITCH PANEL	1	
36	28749	PLUG	A.R.	
37	33239-2	BRACKET	3	
		GAUGES		
38	57269	GAUGE PANEL	1	
39	23083	HOURMETER	1	
40	34055	TACHOMETER	1	
41	36733	GAUGE - VOLTMETER	1	
42	36734	GAUGE - COOLANT TEMPERATURE	1	
43	36735	GAUGE - ENGINE OIL PRESSURE	1	
44	40127	GAUGE - FUEL LEVEL	1	
45	19075	BULB	1 per	
		OPTIONAL GAUGES		
46	57210	GAUGE PANEL	1	
47	10075	GAUGE - TRANSMISSION CLUTCH PRESSURE	1	
48	16932	GAUGE - TRANSMISSION CLUTCH PRESSURE	1	
49	9836	BULB	1 per	
		CIRCUIT BREAKERS		
50	27352	CIRCUIT BREAKER - 6 AMP.	6	
51	27353	CIRCUIT BREAKER - 9 AMP.	4 or 6	
52	27354	CIRCUIT BREAKER - 15 AMP.	9 or 11	
53	53046	CIRUCIT BREAKER - 25 AMP.	2	
54	53047	CIRCUIT BREAKER - 30 AMP.	1	
55	57270	UPPER PANEL	1	
56	57272	LOWER PANEL	1	
57	57280	NUT	18	
58	49754	CAP	15	
59	28748	PLUG	1 to 6	
		WARNING & INDICATOR LIGHTS		
60	49495	DECAL - SUPPLEMENTAL STEERING	1	
61	18012	PLUG	A.R.	
62	49080	LENS - RED - BRAKE WARNING	1	
63	49347	LENS - AMBER - SUPPLEMENTAL STEERING	1	
64	49348	LENS - RED - DIFFERENTIAL	1	
65	49349	LENS - GREEN - TURN SIGNAL	2	
66	49350	LENS - BLUE - HIGH BEAM	1	
67	49352	LENS - RED - ENGINE WARNING	1	
68	51213	LENS - RED - HAND BRAKE	1	
69	54225	LIGHT INDICATOR ASSEMBLY - NO PIGTAIL	4	
70	18790	BULB	1 per	
71	56697	LIGHT INDICATOR ASSEMBLY - WITH PIGTAIL	3	
72	49629	BULB	1 per	
73	34416	FORCE RING	1 per	
		ATTACHMENTS CONTROL SWITCH BOX		
74	17796	DECAL - WINDROW ELIMINATOR	1	
75	17797	DECAL - RIPPER	1	
76	23008	DECAL - SNOW WING	1	
77	17924	HANDLE	1 to 3	
78	17925	SWITCH	1 to 3	
79	19884	SWITCH BOX	1	
80	19885	COVER - Includes screws	1	
81	19939	CLIP	1	
82	23121	PLUG	1 or 2	
83	23123	BRACKET	1	
84	32412	LOCKNUT	2	
85	32577	HANDLE	1	
86	32372	COIL CORD	1	
87	52H-0604	SCREW	1	
88	14H-06	STARWASHER	1	
89	32A-06	NUT	1	
90	52J-0804	SCREW	20	
91	52J-0808	SCREW	2	
92	14F-08	LOCKWASHER	4	
93	14G-08	FLATWASHER	20	
94	46A-08	NUT	10	
95	52J-1004	SCREW	6	
96	14A-03	LOCKWASHER	6	
97	14F-10	LOCKWASHER	2	
98	14G-10	FLATWASHER	2	
99	32A-10	NUT	6	
100	50A-0404	BOLT	2	
101	14A-04	LOCKWASHER	4	
102	30A-04	NUT	2	
103	50A-0506	BOLT	1	
104	14A-05	LOCKWASHER	1	
105	14C-05	FLATWASHER	1	
106	30A-05	NUT	1	
107	62A-1006	SCREW	4	



INSTRUMENTS & HORN - 12 VOLT

7 REVISION A
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21398 to 21449 EXCLUDING 21405, 21406, 21419 & 21420

700 SERIES
SERIE 700

SECTION 10 PAGE 1
SECCION PAGINA

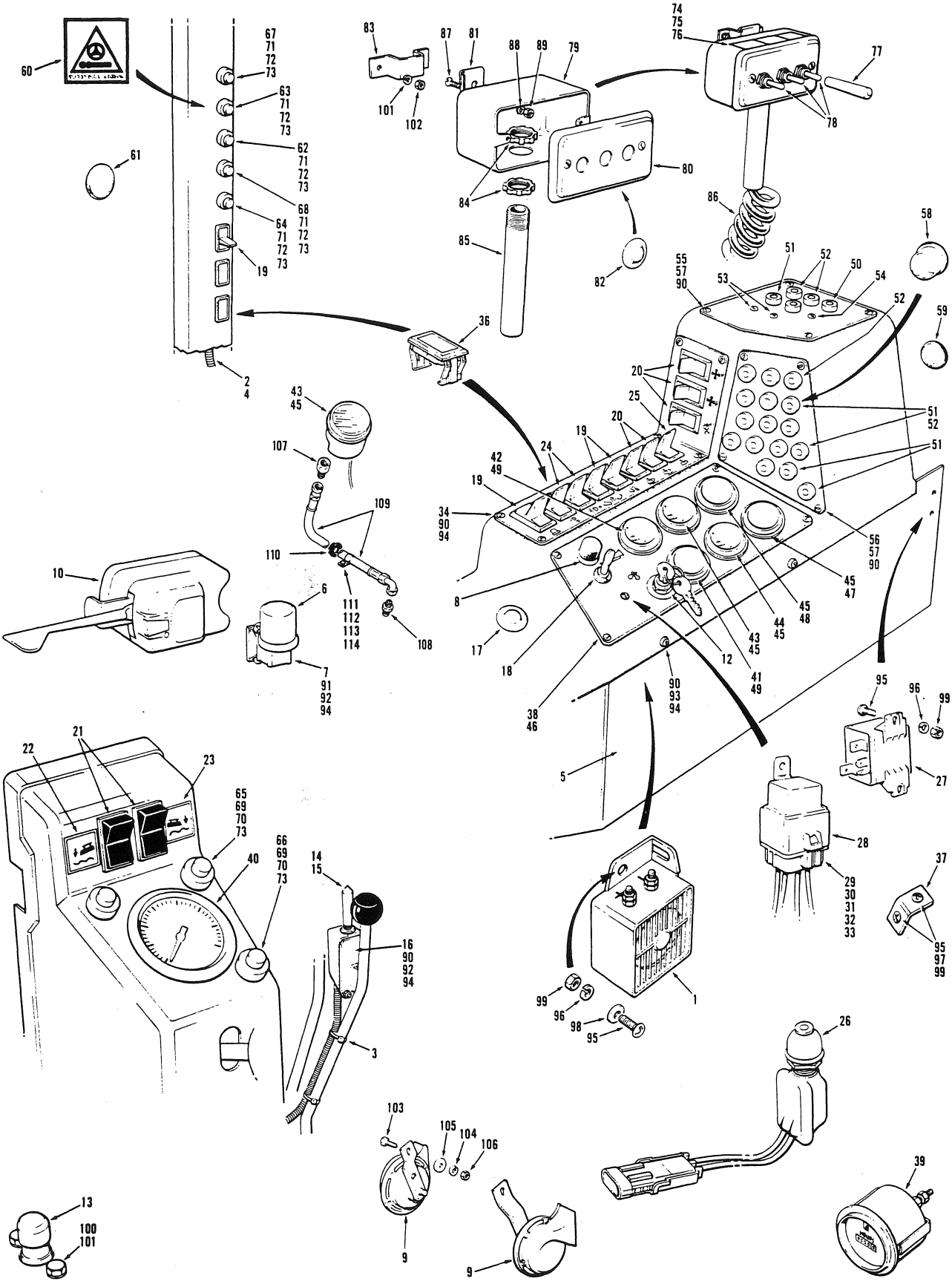
SECTION 10 SECCION | PAGE 2 PAGINA | ISSUE No. N° D'ÉMISSION N° DE EDICION 7 REVISION A

INSTRUMENTS & HORN - 12 VOLT

JANUARY 1992

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	57224	ALARM	1	
2	140-1	WIRE - 14 GAUGE	per foot	
3	15774	PLASTIC TIE	6	
4	17536	CONDUIT	per foot	
5	57221	CONSOLE BOX	1	
6	32752	FLASHER	1	
7	51334	RECEPTACLE - FLASHER	1	
8	49262	HORN BUTTON	1	
9	9685	HORN	1	
		SWITCHES & RELAYS		
10	55179	SWITCH - TURN SIGNAL/4 WAY FLASHER	1	
12	57171	IGNITION SWITCH & KEYS	1	
13	7120	DIMMER SWITCH	1	
14	17924	HANDLE	1	
15	17925	SWITCH - ARTICULATION OR ATTACHMENTS	1 to 4	
16	48729	BRACKET	1	
17	23121	PLUG	1	
18	23122	SWITCH - COLD START	1	
19	28700	SWITCH - WING LIGHTS, FLASHER DIFFERENTIAL LOCK	1 to 4	
20	28701	SWITCH - DEFROSTER FANS, HEATER, WIPERS	2 to 5	
21	28718	SWITCH - FLOAT VALVES	1	
22	49481	DECAL - L.H. FLOAT VALVE	1	
23	49482	DECAL - R.H. FLOAT VALVE	1	
24	28720	SWITCH - HEADLIGHTS	1	
25	28721	SWITCH - WINDSHIELD WASHER	1	
26	56775	SWITCH - HAND BRAKE	1	
27	48909	RELAY SWITCH - DRUM BRAKES	1	
28	55213	RELAY	5	
29	51152	TRANSMISSION RELAY HARNESS	1	
30	51153	NEUTRAL START RELAY HARNESS	1	
31	51223	BACK-UP RELAY HARNESS	1	
32	51565	HAND BRAKE RELAY HARNESS	1	
33	52081	DIFFERENTIAL LOCK RELAY HARNESS	1	
	57216	SUPPLEMENTAL STEERING RELAY HARNESS	1	
34	57271	SWITCH PANEL	1	
36	28749	PLUG	A.R.	
37	33239-2	BRACKET	3	
		GAUGES		
38	57269	GAUGE PANEL	1	
39	23083	HOURMETER	1	
40	34055	TACHOMETER	1	
41	36733	GAUGE - VOLTMETER	1	
42	36734	GAUGE - COOLANT TEMPERATURE	1	
43	57788	GAUGE - ENGINE OIL PRESSURE	1	
44	40127	GAUGE - FUEL LEVEL	1	
45	19075	BULB	1 per	
		OPTIONAL GAUGES		
46	57210	GAUGE PANEL	1	
	57213	MOUNTING PLATE	1	
	57726	MOUNT BLOCK	1	
	62A-1006	SCREW	4	
47	10075	GAUGE - TRANSMISSION TEMPERATURE	1	
48	16932	GAUGE - TRANSMISSION CLUTCH PRESSURE	1	
49	9836	BULB	1 per	
		CIRCUIT BREAKERS		
50	27352	CIRCUIT BREAKER - 6 AMP.	6	
51	27353	CIRCUIT BREAKER - 9 AMP.	4 or 6	
52	27354	CIRCUIT BREAKER - 15 AMP.	9 or 11	
53	53046	CIRUCIT BREAKER - 25 AMP.	2	
54	53047	CIRCUIT BREAKER - 30 AMP.	1	

No. Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
55	57270	UPPER PANEL	1	
56	57272	LOWER PANEL	1	
57	57280	NUT	18	
58	49754	CAP	15	
59	28748	PLUG	1 to 6	
		WARNING & INDICATOR LIGHTS		
60	49495	DECAL - SUPPLEMENTAL STEERING	1	
61	18012	PLUG	A.R.	
62	49080	LENS - RED - BRAKE WARNING	1	
63	49347	LENS - AMBER - SUPPLEMENTAL STEERING	1	
64	49348	LENS - RED - DIFFERENTIAL	1	
65	49349	LENS - GREEN - TURN SIGNAL	2	
66	49350	LENS - BLUE - HIGH BEAM	1	
67	49352	LENS - RED - ENGINE WARNING	1	
68	51213	LENS - RED - HAND BRAKE	1	
69	54225	LIGHT INDICATOR ASSEMBLY - NO PIGTAIL	4	
70	18790	BULB	1 per	
71	56697	LIGHT INDICATOR ASSEMBLY - WITH PIGTAIL	3	
72	49629	BULB	1 per	
73	34416	FORCE RING	1 per	
		ATTACHMENTS CONTROL SWITCH BOX		
74	17796	DECAL - WINDROW ELIMINATOR	1	
75	17797	DECAL - RIPPER	1	
76	23008	DECAL - SNOW WING	1	
77	17924	HANDLE	1 to 3	
78	17925	SWITCH	1 to 3	
79	19884	SWITCH BOX	1	
80	19885	COVER - Includes screws	1	
81	19939	CLIP	1	
82	23121	PLUG	1 or 2	
83	23123	BRACKET	1	
84	32412	LOCKNUT	2	
85	32577	HANDLE	1	
86	32372	COIL CORD	1	
87	52H-0604	SCREW	1	
88	14H-06	STARWASHER	1	
89	32A-06	NUT	1	
90	52J-0804	SCREW	20	
91	52J-0808	SCREW	2	
92	14F-08	LOCKWASHER	4	
93	14G-08	FLATWASHER	20	
94	46A-08	NUT	10	
95	52J-1004	SCREW	6	
96	14A-03	LOCKWASHER	6	
97	14F-10	LOCKWASHER	2	
98	14G-10	FLATWASHER	2	
99	32A-10	NUT	6	
100	50A-0404	BOLT	2	
101	14A-04	LOCKWASHER	4	
102	30A-04	NUT	2	
103	50A-0506	BOLT	1	
104	14A-05	LOCKWASHER	1	
105	14C-05	FLATWASHER	1	
106	30A-05	NUT	1	
107	110J-0402	CONNECTOR	1	
108	110G-0402	CONNECTOR	1	
109	52086 x 116	HOSE ASSEMBLY	1	
110	57740	GROMMET	1	



CHAMPION ROAD MACHINERY

JANUARY 1992

INSTRUMENTS & HORN - 12 VOLT

8 REVISION B

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21450 to 21484, 21487, 21488, 21490, 21491, 21492 & 21494

700 SERIES
SERIE 700

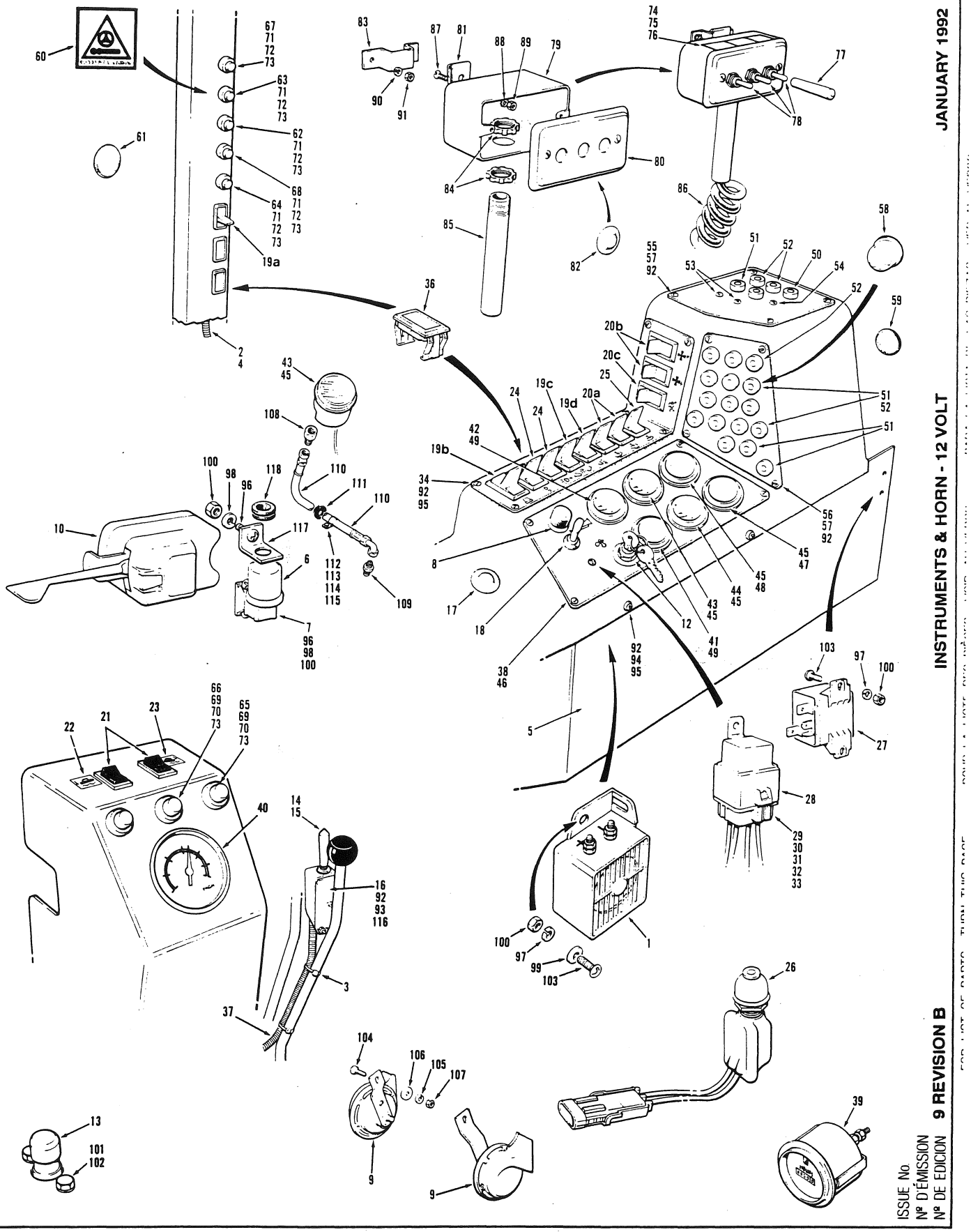
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SECCION PAGINA

SECTION 10 SECCION | PAGE 2 PAGINA | ISSUE No. Nº D'ÉMISSION N° DE EDICION 8 REVISION B

INSTRUMENTS & HORN - 12 VOLT

JANUARY 1992

No. Nº Nº	PART No. Nº DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	57224	ALARM	1	
2	140-1	WIRE - 14 GAUGE	per foot	
3	15774	PLASTIC TIE	6	
4	17536	CONDUIT	per foot	
5	57221	CONSOLE BOX	1	
6	32752	FLASHER	1	
7	51334	RECEPTACLE - FLASHER	1	
8	49262	HORN BUTTON	1	
9	9685	HORN	1	
		SWITCHES & RELAYS		
10	55179	SWITCH - TURN SIGNAL/4 WAY FLASHER	1	
12	57171	IGNITION SWITCH & KEYS	1	
13	7120	DIMMER SWITCH	1	
14	17924	HANDLE	1	
15	17925	SWITCH - ARTICULATION OR ATTACHMENTS	1 to 4	
16	48729	BRACKET	1	
17	23121	PLUG	1	
18	23122	SWITCH - COLD START	1	
19	28700	SWITCH - WING LIGHTS, FLASHER, DIFFERENTIAL LOCK	1 to 4	
20	28701	SWITCH - DEFROSTER FANS, HEATER, WIPERS	2 to 5	
21	28718	SWITCH - FLOAT VALVES	1	
22	49481	DECAL - L.H. FLOAT VALVE	1	
23	49482	DECAL - R.H. FLOAT VALVE	1	
24	28720	SWITCH - HEADLIGHTS	1	
25	28721	SWITCH - WINDSHIELD WASHER	1	
26	56775	SWITCH - HAND BRAKE	1	
27	48909	RELAY SWITCH - DRUM BRAKES	1	
28	55213	RELAY	5	
29	51152	TRANSMISSION RELAY HARNESS	1	
30	51153	NEUTRAL START RELAY HARNESS	1	
31	51223	BACK-UP RELAY HARNESS	1	
32	51565	HAND BRAKE RELAY HARNESS	1	
33	52081	DIFFERENTIAL LOCK RELAY HARNESS	1	
	57216	SUPPLEMENTAL STEERING RELAY HARNESS	1	
34	57271	SWITCH PANEL	1	
36	28749	PLUG	A.R.	
37	33239-2	BRACKET	3	
		GAUGES		
38	57269	GAUGE PANEL	1	
39	23083	HOURMETER	1	
40	34055	TACHOMETER	1	
41	36733	GAUGE - VOLTMETER	1	
42	36734	GAUGE - COOLANT TEMPERATURE	1	
43	57788	GAUGE - ENGINE OIL PRESSURE	1	
44	40127	GAUGE - FUEL LEVEL	1	
45	19075	BULB	1 per	
		OPTIONAL GAUGES		
46	57725	GAUGE PANEL	1	
47	57344	GAUGE - TRANSMISSION TEMPERATURE	1	
48	57346	GAUGE - TRANSMISSION CLUTCH PRESSURE	1	
49	19075	BULB	1 per	
		CIRCUIT BREAKERS		
50	27352	CIRCUIT BREAKER - 6 AMP.	6	
51	27353	CIRCUIT BREAKER - 9 AMP.	4 or 6	
52	27354	CIRCUIT BREAKER - 15 AMP.	9 or 11	
53	53046	CIRUCIT BREAKER - 25 AMP.	2	
54	53047	CIRCUIT BREAKER - 30 AMP.	1	
55	57270	UPPER PANEL	1	
56	57272	LOWER PANEL	1	
57	57280	NUT	18	
58	49754	CAP	15	
59	28748	PLUG	1 to 6	
		WARNING & INDICATOR LIGHTS		
60	49495	DECAL - SUPPLEMENTAL STEERING	1	
61	18012	PLUG	A.R.	
62	49080	LENS - RED - BRAKE WARNING	1	
63	49347	LENS - AMBER - SUPPLEMENTAL STEERING	1	
64	49348	LENS - RED - DIFFERENTIAL	1	
65	49349	LENS - GREEN - TURN SIGNAL	2	
66	49350	LENS - BLUE - HIGH BEAM	1	
67	49352	LENS - RED - ENGINE WARNING	1	
68	51213	LENS - RED - HAND BRAKE	1	
69	54225	LIGHT INDICATOR ASSEMBLY - NO PIGTAIL	4	
70	18790	BULB	1 per	
71	56697	LIGHT INDICATOR ASSEMBLY - WITH PIGTAIL	3	
72	49629	BULB	1 per	
73	34416	FORCE RING	1 per	
		ATTACHMENTS CONTROL SWITCH BOX		
74	17796	DECAL - WINDROW ELIMINATOR	1	
75	17797	DECAL - RIPPER	1	
76	23008	DECAL - SNOW WING	1	
77	17924	HANDLE	1 to 3	
78	17925	SWITCH	1 to 3	
79	19884	SWITCH BOX	1	
80	19885	COVER - Includes screws	1	
81	19939	CLIP	1	
82	23121	PLUG	1 or 2	
83	23123	BRACKET	1	
84	32412	LOCKNUT	2	
85	32577	HANDLE	1	
86	32372	COIL CORD	1	
87	52H-0604	SCREW	1	
88	14H-06	STARWASHER	1	
89	32A-06	NUT	1	
90	52J-0804	SCREW	20	
91	52J-0808	SCREW	2	
92	14F-08	LOCKWASHER	4	
93	14G-08	FLATWASHER	20	
94	46A-08	NUT	10	
95	52J-1004	SCREW	6	
96	14A-03	LOCKWASHER	6	
97	14F-10	LOCKWASHER	2	
98	14G-10	FLATWASHER	2	
99	32A-10	NUT	6	
100	50A-0404	BOLT	2	
101	14A-04	LOCKWASHER	4	
102	30A-04	NUT	2	
103	50A-0506	BOLT	1	
104	14A-05	LOCKWASHER	1	
105	14C-05	FLATWASHER	1	
106	30A-05	NUT	1	
107	110J-0402	CONNECTOR	1	
108	110G-0402	CONNECTOR	1	
109	65214 x 116	HOSE ASSEMBLY	1	
110	57740	GROMMET	1	
111	32316	CLAMP	1	
112	50A-0406Zi	BOLT	1	
113	14A-04Zi	LOCKWASHER	1	
114	30A-04Zi	NUT	1	



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21485, 21486, 21489, 21493, 21495 TO 21910

700 SERIES
SERIE 700

SECTION 10 PAGE 1
SECCION PAGINA

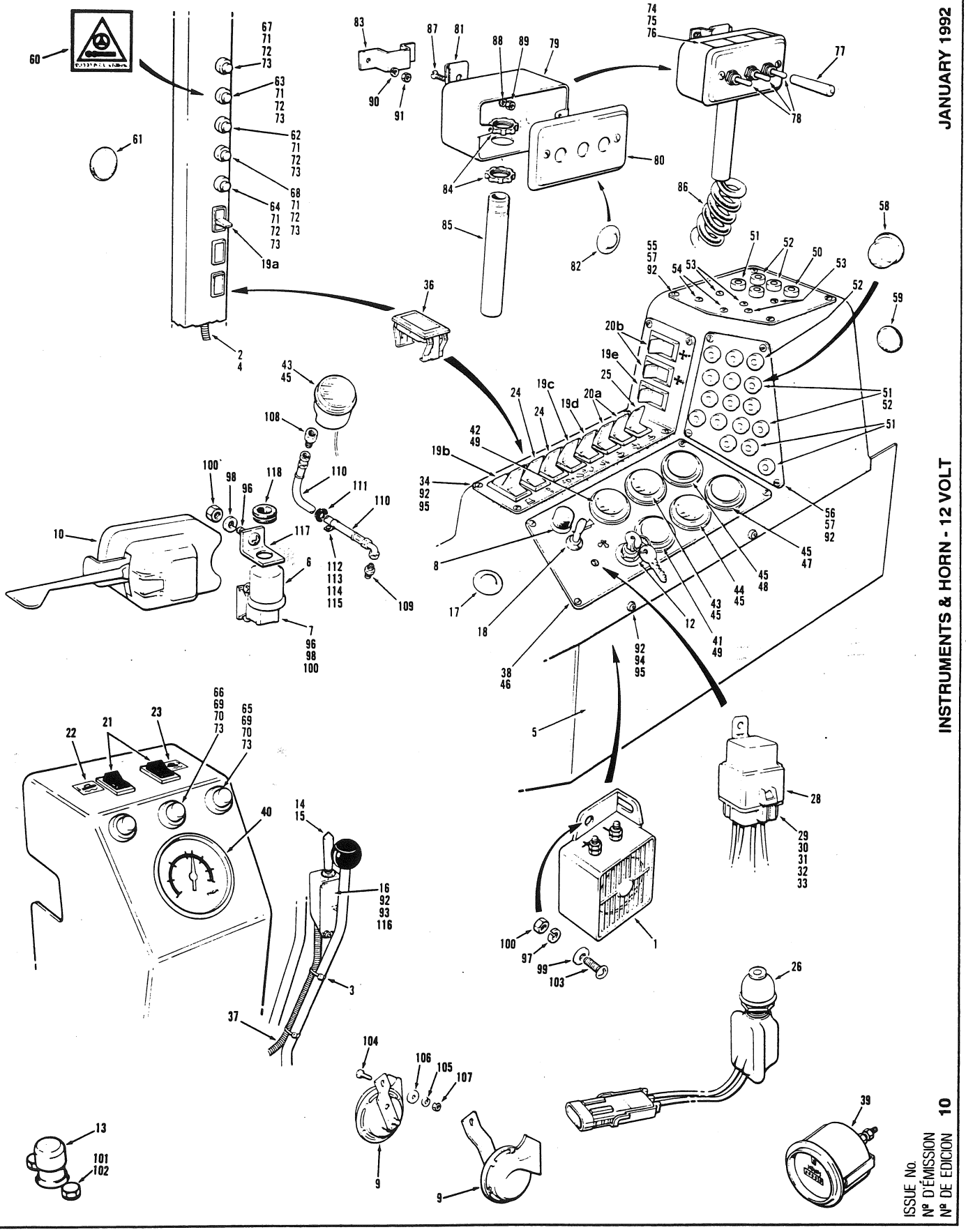
SECTION / SECCION **10** | PAGE / PAGINA **2** | ISSUE No. / N° D'ÉMISSION / N° DE EDICION **9 REVISION B**

INSTRUMENTS & HORN - 12 VOLT

JANUARY 1992

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	57224	ALARM	1	
2	140-1	WIRE - 14 GAUGE	per foot	
3	15774	PLASTIC TIE	6	
4	17536	CONDUIT	per foot	
5	57221	CONSOLE BOX	1	
6	32752	FLASHER	1	
7	51334	RECEPTACLE - FLASHER	1	
8	49262	HORN BUTTON	1	
9	9685	HORN	1	
		SWITCHES & RELAYS		
10	55179	SWITCH - TURN SIGNAL/4 WAY FLASHER	1	
12	57171	IGNITION SWITCH & KEYS	1	
13	7120	DIMMER SWITCH	1	
14	17924	HANDLE	1	
15	17925	SWITCH - ARTICULATION OR ATTACHMENTS	1 to 4	
16	65106	BRACKET	1	
17	23121	PLUG	1	
18	23122	SWITCH - COLD START	1	
19a	28700	SWITCH - LOCK/UNLOCK DIFFERENTIAL	1	
19b	28700	SWITCH - ROTATING BEACON	1	
19c	28700	SWITCH - WORK LIGHTS	1	
19d	28700	SWITCH - REAR FLOODLIGHTS	1	
20a	28701	SWITCH - FRONT AND REAR WIPERS	2	
20b	28701	SWITCH - FRONT AND REAR DEFROSTERS	2	
20c	28701	SWITCH - HEATER	1	
21	28718	SWITCH - FLOAT VALVES	1	
22	49481	DECAL - L.H. FLOAT VALVE	1	
23	49482	DECAL - R.H. FLOAT VALVE	1	
24	28720	SWITCH - HEADLIGHTS AND EXTRA HEADLIGHTS	2	
25	28721	SWITCH - WINDSHIELD WASHER	1	
26	56775	SWITCH - HAND BRAKE	1	
27	48909	RELAY SWITCH - DRUM BRAKES	1	
28	55213	RELAY	5	
29	51152	TRANSMISSION RELAY HARNESS	1	
30	51153	NEUTRAL START RELAY HARNESS	1	
31	51223	BACK-UP RELAY HARNESS	1	
32	51565	HAND BRAKE RELAY HARNESS	1	
33	52081	DIFFERENTIAL LOCK RELAY HARNESS	1	
	57216	SUPPLEMENTAL STEERING RELAY HARNESS	1	
34	*57271	SWITCH PANEL	1	
36	28749	PLUG	A.R.	
37	40484	HARNESS - ARTICULATION SWITCH	1	
		GAUGES		
38	57269	GAUGE PANEL	1	
39	23083	HOURMETER	1	
40	57737	TACHOMETER	1	
	39699	BULB	1	
41	36733	GAUGE - VOLTMETER	1	
42	36734	GAUGE - COOLANT TEMPERATURE	1	
43	57788	GAUGE - ENGINE OIL PRESSURE	1	
44	40127	GAUGE - FUEL LEVEL	1	
45	19075	BULB	1 per	
		OPTIONAL GAUGES		
46	57725	GAUGE PANEL	1	
47	57344	GAUGE - TRANSMISSION TEMPERATURE	1	
48	57346	GAUGE - TRANSMISSION CLUTCH PRESSURE	1	
49	19075	BULB	1 per	
		CIRCUIT BREAKERS		
50	27352	CIRCUIT BREAKER - 6 AMP.	6	
51	27353	CIRCUIT BREAKER - 9 AMP.	4 or 6	
52	27354	CIRCUIT BREAKER - 15 AMP.	9 or 11	
53	*53046	CIRUCIT BREAKER - 25 AMP.	1	
54	*53047	CIRCUIT BREAKER - 30 AMP.	1	
55	57270	UPPER PANEL	1	
56	57272	LOWER PANEL	1	
57	57280	NUT	18	
58	49754	CAP	15	
59	28748	PLUG	1 to 6	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		WARNING & INDICATOR LIGHTS		
60	49495	DECAL - SUPPLEMENTAL STEERING	1	
61	18012	PLUG	A.R.	
62	49080	LENS - RED - BRAKE WARNING	1	
63	49347	LENS - AMBER - SUPPLEMENTAL STEERING	1	
64	49348	LENS - RED - DIFFERENTIAL	1	
65	49349	LENS - GREEN - TURN SIGNAL	2	
66	49350	LENS - BLUE - HIGH BEAM	1	
67	49352	LENS - RED - ENGINE WARNING	1	
68	51213	LENS - RED - HAND BRAKE	1	
69	54225	LIGHT INDICATOR ASSEMBLY - NO PIGTAIL	4	
70	18790	BULB	1 per	
71	56697	LIGHT INDICATOR ASSEMBLY - WITH PIGTAIL	3	
72	49629	BULB	1 per	
73	34416	FORCE RING	1 per	
		ATTACHMENTS CONTROL SWITCH BOX		
74	17796	DECAL - WINDROW ELIMINATOR	1	
75	17797	DECAL - RIPPER	1	
76	23008	DECAL - SNOW WING	1	
77	17924	HANDLE	1 to 3	
78	17925	SWITCH	1 to 3	
79	19884	SWITCH BOX	1	
80	19885	COVER - Includes screws	1	
81	19939	CLIP	1	
82	23121	PLUG	1 or 2	
83	23123	BRACKET	1	
84	32412	LOCKNUT	2	
85	32577	HANDLE	1	
86	32372	COIL CORD	1	
87	52H-0604	SCREW	1	
88	14H-06	STARWASHER	1	
89	32A-06	NUT	1	
90	14A-04	LOCKWASHER	2	
91	30A-04	NUT	2	
92	52J-0804	SCREW	20	
93	14F-08	LOCKWASHER	2	
94	14G-08	FLATWASHER	18	
95	46A-08	NUT	10	
96	52L-1004	SCREW	7	
97	14A-03	LOCKWASHER	6	
98	14F-10	LOCKWASHER	3	
99	14G-10	FLATWASHER	2	
100	32A-10	NUT	7	
101	50A-0404	BOLT	2	
102	14A-04	LOCKWASHER	2	
103	52J-1004	SCREW	7	
104	50A-0506	BOLT	1	
105	14A-05	LOCKWASHER	1	
106	14C-05	FLATWASHER	1	
107	30A-05	NUT	1	
108	110J-0402	CONNECTOR	1	
109	110G-0402	CONNECTOR	1	
110	65214 x 116	HOSE ASSEMBLY	1	
111	26920	GROMMET	1	
112	32316	CLAMP	1	
113	50A-0406Zi	BOLT	1	
114	14A-04Zi	LOCKWASHER	1	
115	30A-04Zi	NUT	1	
116	65108	NUT	1	
117	65321	CLIP	1	
118	32437	GROMMET	1	



CHAMPION ROAD MACHINERY

INSTRUMENTS & HORN - 12 VOLT

JANUARY 1992

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 10

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
21911 & UP

700 SERIES
SERIE 700

SECTION 10 PAGE 1
SECCION PAGINA

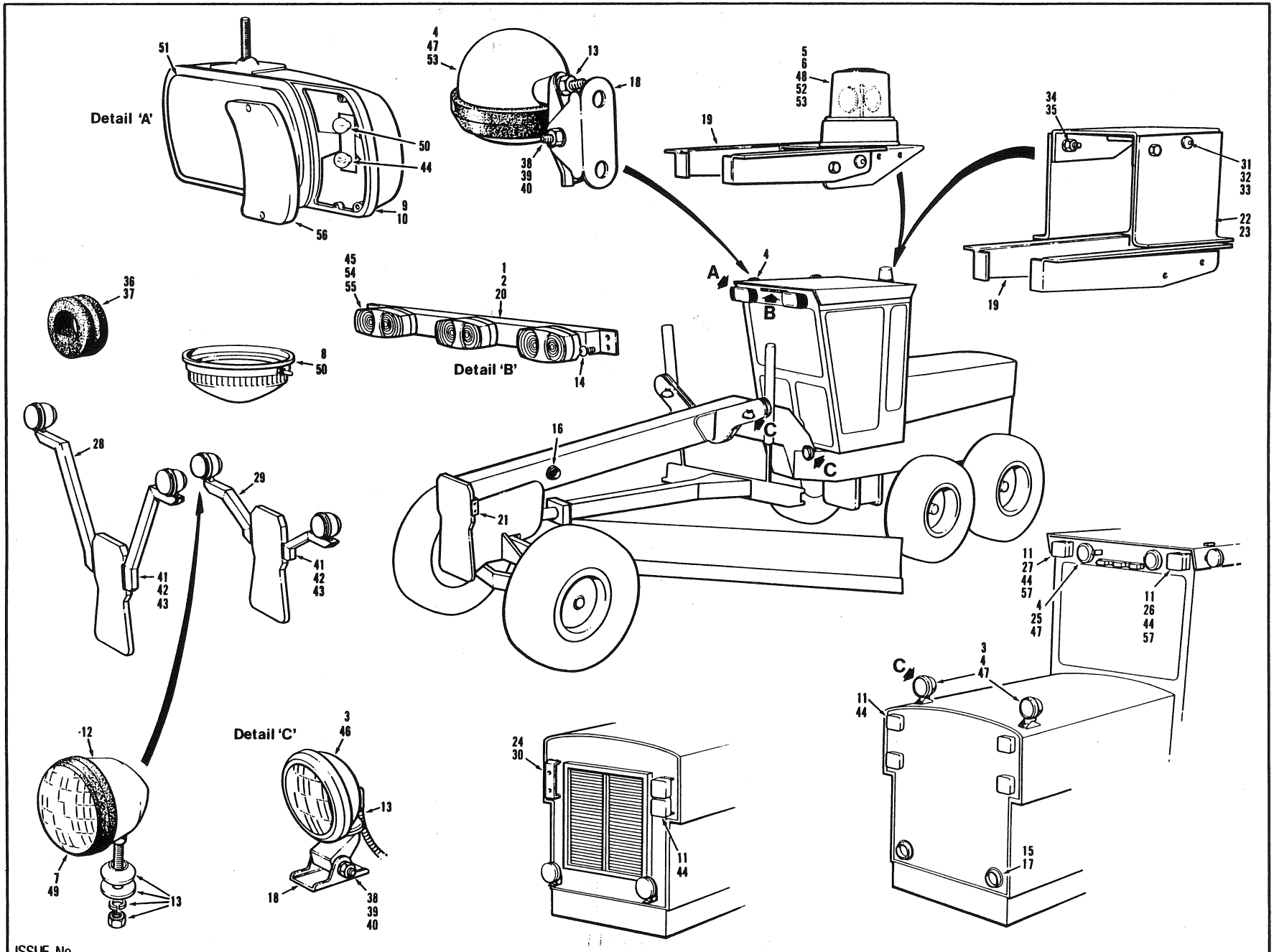
SECTION / SECCION 10 | PAGE / PAGINA 2 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 10

INSTRUMENTS & HORN - 12 VOLT

JANUARY 1992

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	57224	ALARM	1	
2	140-1	WIRE - 14 GAUGE	per foot	
3	15774	PLASTIC TIE	6	
4	17536	CONDUIT	per foot	
5	57221	CONSOLE BOX	1	
6	32752	FLASHER	1	
7	51334	RECEPTACLE - FLASHER	1	
8	49262	HORN BUTTON	1	
9	9685	HORN	1	
		SWITCHES & RELAYS		
10	55179	SWITCH - TURN SIGNAL/4 WAY FLASHER	1	
12	57171	IGNITION SWITCH & KEYS	1	
13	7120	DIMMER SWITCH	1	
14	17924	HANDLE	1	
15	17925	SWITCH - ARTICULATION OR ATTACHMENTS	1 to 4	
16	65106	BRACKET	1	
17	23121	PLUG	1	
18	23122	SWITCH - COLD START	1	
19a	28700	SWITCH - LOCK/UNLOCK DIFFERENTIAL	1	
19b	28700	SWITCH - ROTATING BEACON	1	
19c	28700	SWITCH - WORK LIGHTS	1	
19d	28700	SWITCH - REAR FLOODLIGHTS	1	
19e	*28700	SWITCH - LOWER FRONT WIPERS	1	
20a	28701	SWITCH - FRONT AND REAR WIPERS	2	
20b	28701	SWITCH - FRONT AND REAR DEFROSTERS	2	
21	28718	SWITCH - FLOAT VALVES	1	
22	49481	DECAL - L.H. FLOAT VALVE	1	
23	49482	DECAL - R.H. FLOAT VALVE	1	
24	28720	SWITCH - HEADLIGHTS	1	
25	28721	SWITCH - WINDSHIELD WASHER	1	
26	56775	SWITCH - HAND BRAKE	1	
28	55213	RELAY	5	
29	51152	TRANSMISSION RELAY HARNESS	1	
30	51153	NEUTRAL START RELAY HARNESS	1	
31	51223	BACK-UP RELAY HARNESS	1	
32	51565	HAND BRAKE RELAY HARNESS	1	
33	52081	DIFFERENTIAL LOCK RELAY HARNESS	1	
	57216	SUPPLEMENTAL STEERING RELAY HARNESS	1	
34	*65104	SWITCH PANEL	1	
36	28749	PLUG	A.R.	
37	40484	HARNESS - ARTICULATION SWITCH	1	
		GAUGES		
38	57269	GAUGE PANEL	1	
39	23083	HOURMETER	1	
40	57737	TACHOMETER	1	
	39699	BULB	1	
41	36733	GAUGE - VOLTMETER	1	
42	36734	GAUGE - COOLANT TEMPERATURE	1	
43	57788	GAUGE - ENGINE OIL PRESSURE	1	
44	40127	GAUGE - FUEL LEVEL	1	
45	19075	BULB	1 per	
		OPTIONAL GAUGES		
46	57725	GAUGE PANEL	1	
47	57344	GAUGE - TRANSMISSION TEMPERATURE	1	
48	57346	GAUGE - TRANSMISSION CLUTCH PRESSURE	1	
49	19075	BULB	1 per	
		CIRCUIT BREAKERS		
50	27352	CIRCUIT BREAKER - 6 AMP.	6	
51	27353	CIRCUIT BREAKER - 9 AMP.	4 or 6	
52	27354	CIRCUIT BREAKER - 15 AMP.	9 or 11	
53	*65435	CIRUCIT BREAKER - 25 AMP.	2	
54	*65436	CIRCUIT BREAKER - 30 AMP.	1	
55	57270	UPPER PANEL	1	
56	57272	LOWER PANEL	1	
57	57280	NUT	18	
58	49754	CAP	15	
59	28748	PLUG	1 to 6	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		WARNING & INDICATOR LIGHTS		
60	49495	DECAL - SUPPLEMENTAL STEERING	1	
61	18012	PLUG	A.R.	
62	49080	LENS - RED - BRAKE WARNING	1	
63	49347	LENS - AMBER - SUPPLEMENTAL STEERING	1	
64	49348	LENS - RED - DIFFERENTIAL	1	
65	49349	LENS - GREEN - TURN SIGNAL	2	
66	49350	LENS - BLUE - HIGH BEAM	1	
67	49352	LENS - RED - ENGINE WARNING	1	
68	51213	LENS - RED - HAND BRAKE	1	
69	54225	LIGHT INDICATOR ASSEMBLY - NO PIGTAIL	4	
70	18790	BULB	1 per	
71	56697	LIGHT INDICATOR ASSEMBLY - WITH PIGTAIL	3	
72	49629	BULB	1 per	
73	34416	FORCE RING	1 per	
		ATTACHMENTS CONTROL SWITCH BOX		
74	17796	DECAL - WINDROW ELIMINATOR	1	
75	17797	DECAL - RIPPER	1	
76	23008	DECAL - SNOW WING	1	
77	17924	HANDLE	1 to 3	
78	17925	SWITCH	1 to 3	
79	19884	SWITCH BOX	1	
80	19885	COVER - Includes screws	1	
81	19939	CLIP	1	
82	23121	PLUG	1 or 2	
83	23123	BRACKET	1	
84	32412	LOCKNUT	2	
85	32577	HANDLE	1	
86	32372	COIL CORD	1	
87	52H-0604	SCREW	1	
88	14H-06	STARWASHER	1	
89	32A-06	NUT	1	
90	14A-04	LOCKWASHER	2	
91	30A-04	NUT	2	
92	52J-0804	SCREW	20	
93	14F-08	LOCKWASHER	2	
94	14G-08	FLATWASHER	18	
95	46A-08	NUT	10	
96	52L-1004	SCREW	7	
97	14A-03	LOCKWASHER	6	
98	14F-10	LOCKWASHER	3	
99	14G-10	FLATWASHER	2	
100	32A-10	NUT	7	
101	50A-0404	BOLT	2	
102	14A-04	LOCKWASHER	2	
103	52J-1004	SCREW	7	
104	50A-0506	BOLT	1	
105	14A-05	LOCKWASHER	1	
106	14C-05	FLATWASHER	1	
107	30A-05	NUT	1	
108	110J-0402	CONNECTOR	1	
109	110G-0402	CONNECTOR	1	
110	65214 x 116	HOSE ASSEMBLY	1	
111	26920	GROMMET	1	
112	32316	CLAMP	1	
113	50A-0406Zi	BOLT	1	
114	14A-04Zi	LOCKWASHER	1	
115	30A-04Zi	NUT	1	
116	65108	NUT	1	
117	65321	CLIP	1	
118	32437	GROMMET	1	



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

16224, 16245 & UP

700 SERIES
SERIE 700

SECTION 10 PAGE 3
SECCION 10 PAGINA 3

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

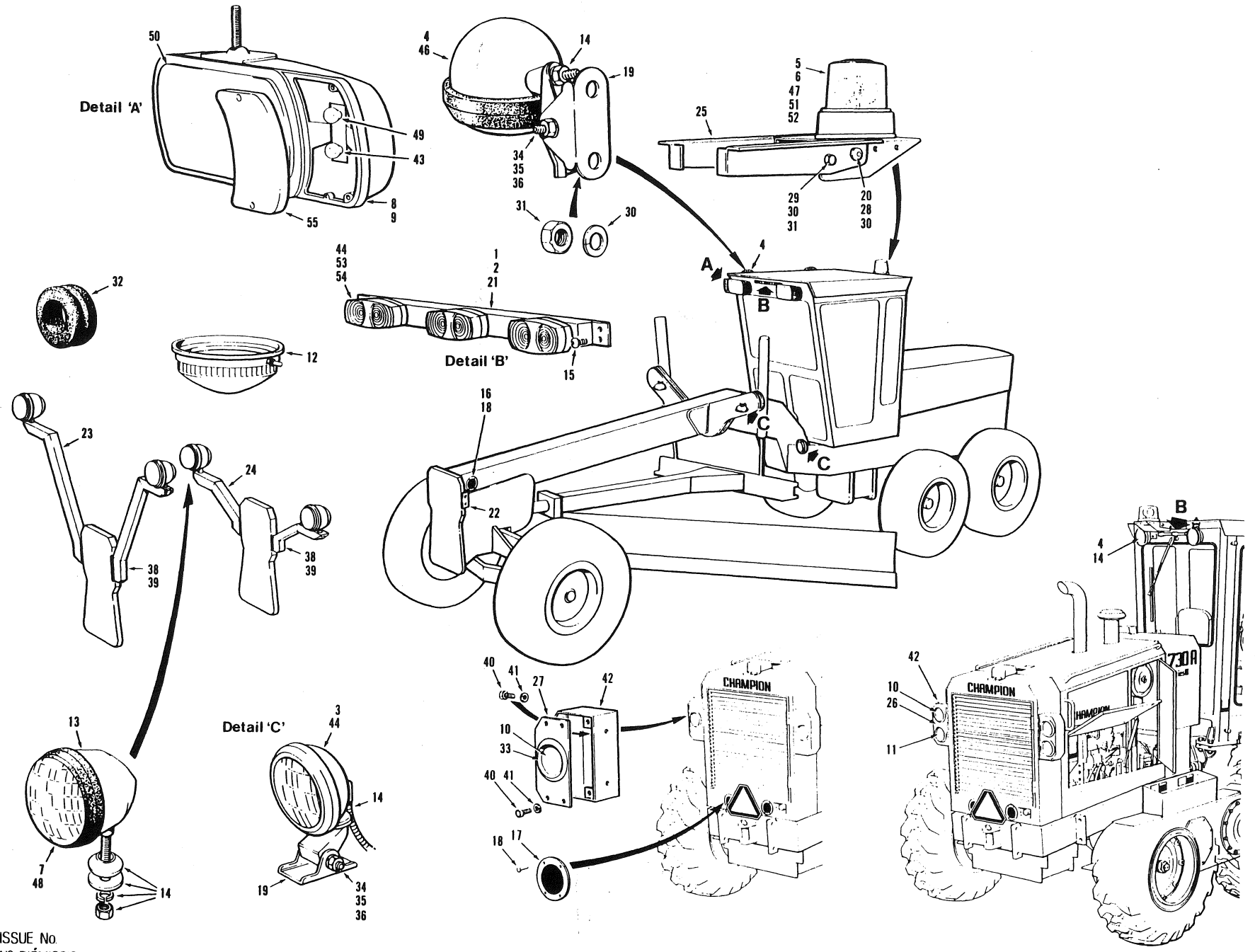
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION
1 REVISION C

LIGHTING INSTALLATIONS

JUNE 1989

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No.	PART No.	DESCRIPTION	No. REQ.	REMARKS
		LIGHTS AND FLASHERS		
1	8091	CLEARANCE LIGHTS - AMBER	1	
2	8092	CLEARANCE LIGHTS - RED	1	
3	10976	LIGHT - MOLDBOARD & BACK-UP	A.R.	
4	10977	LIGHT - WING & REAR FLOOD	A.R.	
5	16029-2	TWO BEAM FLASHER - BLUE	1	
6	16029-3	TWO BEAM FLASHER - AMBER	1	
7	23528	HEADLIGHT - EXTRA	A.R.	
8	28686	LIGHT - DOME	1	
9	28687	HEADLIGHT - L.H.	1	
10	28688	HEADLIGHT - R.H.	1	
11	28689	LIGHT - STOP,TAIL & TURN SIGNAL	A.R.	
12	10850-2	HEADLIGHT RIM FOR ITEM 7	A.R.	
13	26987	LIGHT MOUNTING SPACER KIT	A.R.	
14	*62A-1006	SCREW	8	
		REFLECTORS		
15	9393	REFLECTOR - RED	A.R.	
16	18727	REFLECTOR - AMBER	A.R.	
17	*62A-1006	SCREW	8	
		MOUNTING BRACKETS		
18	8667	BRACKET FOR ITEMS 3 & 4	A.R.	
19	*52380	HINGED BRACKET - TWO BEAM FLASHER	1	
20	15370-32	BRACKET FOR ITEMS 1 & 2	A.R.	
21	19187-1	MOUNTING BAR	A.R.	
22	19510-1	FLASHER BRACKET EXTENSION - R.H.	1	
23	19510-2	FLASHER BRACKET EXTENSION - L.H.	1	
24	28789	BRACKET - STOP & TAIL LIGHT - DOUBLE	A.R.	
25	28868	BRACKET - REAR FLOOD	A.R.	
26	33323	BRACKET - R.H. TURN SIGNAL	A.R.	
27	33324	BRACKET - L.H. TURN SIGNAL	A.R.	
28	35542	BRACKET - HIGH HEADLIGHT	2	
29	35543	BRACKET - LOW HEADLIGHT	2	
30	40835	BRACKET - STOP & TAIL LIGHT - SINGLE	A.R.	
31	*9490	ROD	1	
32	*13A-0416	COTTER PIN	1	
33	*14C-06	WASHER	3	
34	*30A-06	NUT	4	
35	*50A-0608	BOLT	2	
36	14681	GROMMET - 3/8"I.D. X 7/8"O.D.	A.R.	
37	32437	GROMMET - 1/2"I.D. X 1 1/16"O.D.	A.R.	
38	40G-0619	BOLT	A.R.	
39	14A-06	LOCKWASHER	A.R.	
40	*30A-06	NUT	A.R.	
41	50A-0808	BOLT	A.R.	
42	50A-0824	BOLT	A.R.	
43	14A-08	LOCKWASHER	A.R.	
		BULBS AND SEALED BEAMS		
44	18791	BULB FOR ITEMS 9,10 & 11	A.R.	
45	19076	BULB FOR ITEMS 1 & 2	A.R.	
46	19077	SEALED BEAM FOR ITEM 3	A.R.	
47	19078	SEALED BEAM FOR ITEM 4	A.R.	
48	19079	SEALED BEAM FOR ITEMS 5 & 6	A.R.	
49	19080	SEALED BEAM FOR ITEM 7	A.R.	
50	23635	BULB FOR ITEMS 8,9 & 10	A.R.	
51	32512	SEALED BEAM FOR ITEMS 9 & 10	A.R.	
		REPLACEMENT LENSES		
52	18185-2	LENS - BLUE TWO BEAM FLASHER	A.R.	
53	18185-3	LENS - AMBER TWO BEAM FLASHER	A.R.	
54	26996	LENS - RED FOR ITEM 2	A.R.	
55	26997	LENS - AMBER FOR ITEM 1	A.R.	
56	32513	LENS - AMBER FOR ITEMS 9 & 10	A.R.	
57	32515	LENS - RED FOR ITEM 11	A.R.	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION
2 REVISION A

LIGHTING INSTALLATIONS

DECEMBER 1991

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 19982, 19984, 19985, 19996,
NUMERO(S) DE SÉRIE EFFECTIF(S) 20005, 20227 to 20232, 20265
NUMERO(S) DE SERIE EFECTIVO(S) to 20375, 20383 TO 20892

700 SERIES
SERIE 700

SECTION 10 PAGE 3
SECCION 10 PAGINA 3

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

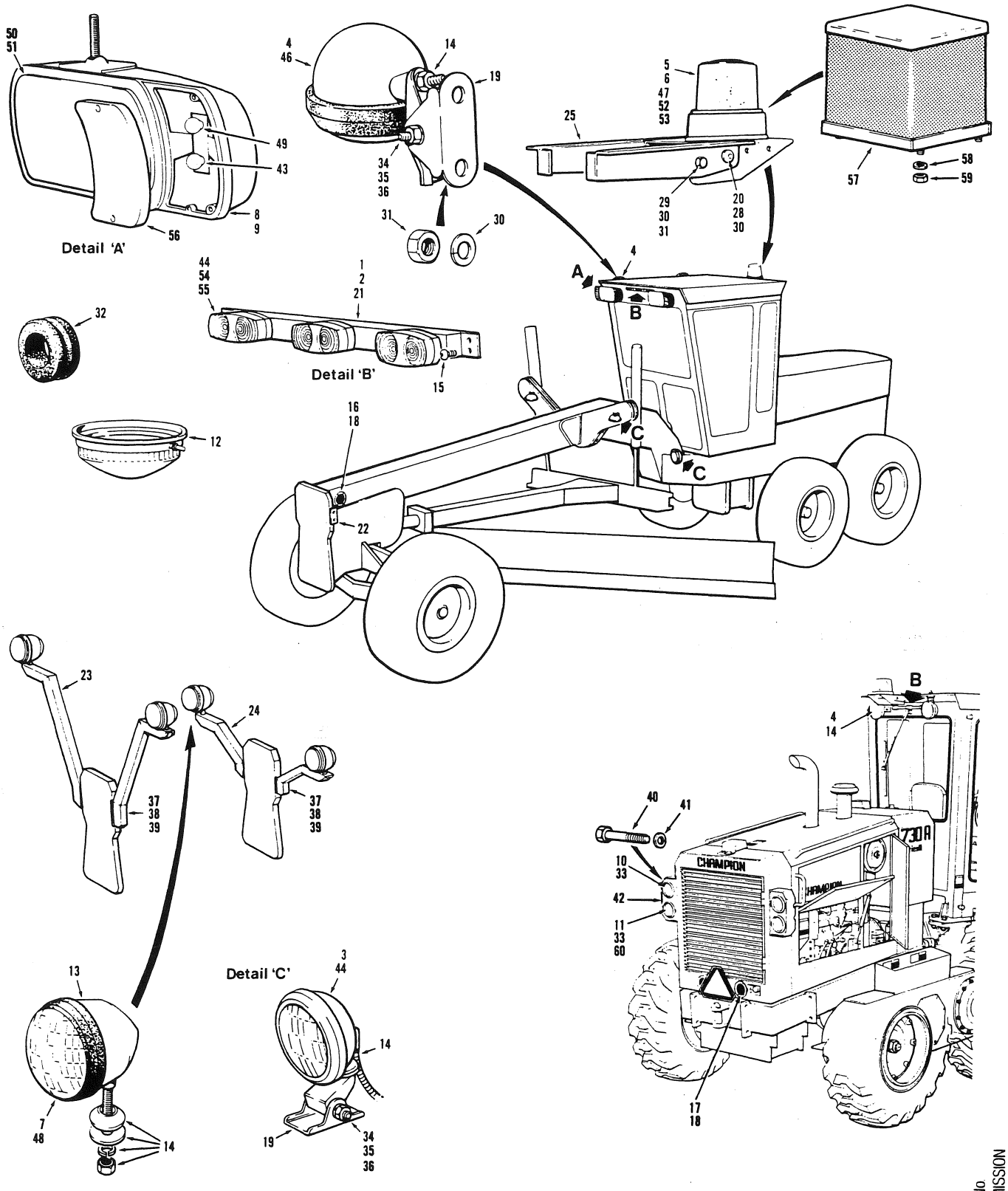
SECTION 10 SECCION | PAGE 4 PAGINA | ISSUE No. N° D'ÉMISSION N° DE EDICION 2 REVISION A

LIGHTING INSTALLATIONS

DECEMBER 1991

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		LIGHTS & FLASHERS		
1	8091	CLEARANCE LIGHTS - AMBER	1	
2	8092	CLEARANCE LIGHTS - RED	1	
3	10976	LIGHT - MOLDBOARD	2	
4	10977	LIGHT - WING - REAR FLOOD	2	
5	10629-2	TWO BEAM FLASHER - BLUE	1	
6	16029-3	TWO BEAM FLASHER - AMBER	1	
7	23528	HEADLIGHT - EXTRA	2	
8	28687	HEADLIGHT - L.H.	1	
9	28688	HEADLIGHT - R.H.	1	
10	52709	LIGHT - STOP, TAIL & TURN SIGNAL	2	
11	*52817	LIGHT - BACK-UP	2	
12	55256	LIGHT - DOME	1	
13	10850-2	HEADLIGHT RIM FOR ITEM 7	2	
14	26987	LIGHT MOUNTING SPACER KIT	A.R.	
15	62A-1006	SCREW	8	
		REFLECTORS		
16	18727	REFLECTOR - AMBER	2	
17	52999	REFLECTOR - RED	2	
18	62A-1006	SCREW	8	
		MOUNTING BRACKETS		
19	8667	BRACKET FOR ITEMS 3 & 4	2	
20	9490	ROD	1	
21	15370-32	BRACKET FOR ITEMS 1 & 2	1	
22	19187-1	MOUNTING BAR	A.R.	
23	35542	BRACKET - HIGH HEADLIGHT	2	
24	35543	BRACKET - LOW HEADLIGHT	2	
25	52380	HINGED BRACKET - TWO BEAM FLASHER	1	
26	52670	PLATE - STOP, TAIL & BACK-UP LIGHTS	2	
27	52772	PLATE - STOP & TAIL LIGHTS	2	
28	13A-0416	COTTER PIN	1	
29	50A-0608	BOLT	2	
30	14A-06	LOCKWASHER	A.R.	
31	30A-06	NUT	A.R.	
32	41710	GROMMET - USED WITH DETAILS 1, 2 & 4	2	
33	52710	GROMMET - USED WITH DETAILS 10 & 11	2 or 4	
34	40G-0619	BOLT	A.R.	
35	14C-06	LOCKWASHER	5	
36	30A-06	NUT	4	
37	50A-0808	BOLT	A.R.	
38	50A-0824	BOLT	A.R.	
39	14A-08	LOCKWASHER	A.R.	
40	50A-0508	BOLT	12	
41	14A-05	LOCKWASHER	12	
42	52987	HOUSING - STOP, TAIL & BACK-UP LIGHTS	2	

No. Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		BULB & SEALED BEAMS		
43	18791	BULB FOR ITEMS 9 & 10	A.R.	
44	19076	BULB FOR ITEMS 1 & 2	A.R.	
45	19077	SEALED BEAM FOR ITEM 3	A.R.	
46	19078	SEALED BEAM FOR ITEM 4	A.R.	
47	19079	SEALED BEAM FOR ITEMS 5 & 6	A.R.	
48	19080	SEALED BEAM FOR ITEM 7	A.R.	
49	23635	BULB FOR ITEMS 8, 9 & 12	A.R.	
50	32512	SEALED BEAM FOR ITEMS 8 & 9	A.R.	
		REPLACEMENT LENSES		
51	18185-2	LENS - BLUE TWO BEAM FLASHER	A.R.	
52	18185-3	LENS - AMBER TWO BEAM FLASHER	A.R.	
53	26996	LENS - RED FOR ITEM 2	A.R.	
54	26997	LENS - AMBER FOR ITEM 1	A.R.	
55	32513	LENS - AMBER FOR ITEMS 8 & 9	A.R.	



CHAMPION ROAD MACHINERY

LIGHTING INSTALLATIONS

DECEMBER 1991

3 REVISION A

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

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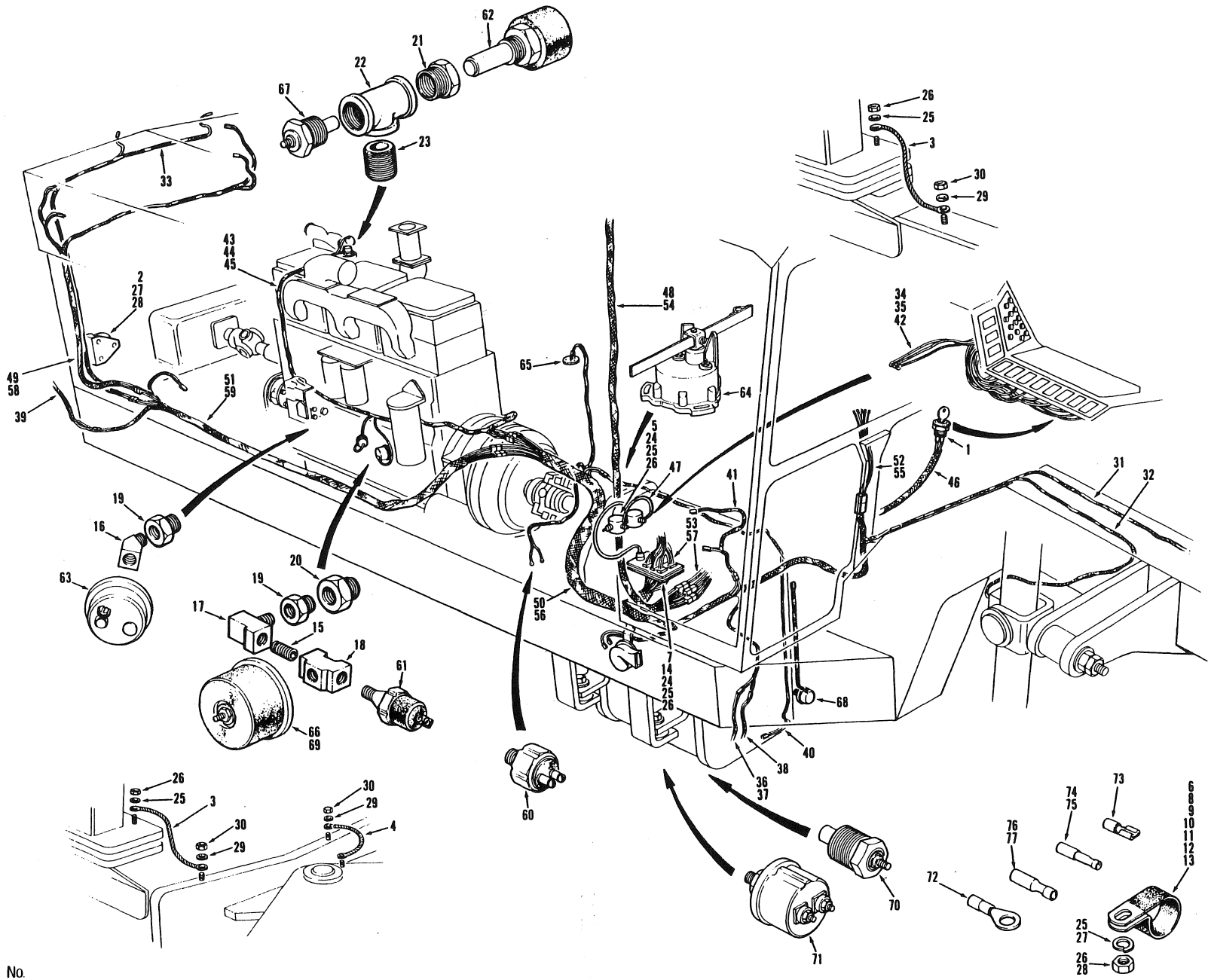
700 SERIES
SERIE 700

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SECCION PAGINA

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		LIGHTS & FLASHERS		
1	8091	CLEARANCE LIGHTS - AMBER	1	
2	8092	CLEARANCE LIGHTS - RED	1	
3	10976	LIGHT - MOLDBOARD	2	
4	10977	LIGHT - WING - REAR FLOOD	2	
5	16029-2	TWO BEAM FLASHER - BLUE	1	
6	16029-3	TWO BEAM FLASHER - AMBER	1	
7	23528	HEADLIGHT - EXTRA	2	
8	28687	HEADLIGHT - L.H.	1	
	59308	HEADLIGHT - L.H. - HALOGEN	1	
9	28688	HEADLIGHT - R.H.	1	
	53909	HEADLIGHT - R.H. - HALOGEN	1	
10	52709	LIGHT - STOP, TAIL & TURN SIGNAL	2	
11	*52817	LIGHT - BACK-UP	2	
12	55256	LIGHT - DOME	1	
13	10850-2	HEADLIGHT RIM FOR ITEM 7	2	
14	26987	LIGHT MOUNTING SPACER KIT	1	
15	62A-1006	SCREW	8	
		REFLECTORS		
16	18727	REFLECTOR - AMBER	2	
17	52999	REFLECTOR - RED	2	
18	62A-1006	SCREW	8	
		MOUNTING BRACKETS		
19	8667	BRACKET FOR ITEMS 3 & 4	2	
20	57310	ROD	1	
21	15370-32	BRACKET FOR ITEMS 1 & 2	1	
22	19187-1	MOUNTING BAR	2	
23	35542	BRACKET - HIGH HEADLIGHT	2	
24	35543	BRACKET - LOW HEADLIGHT	2	
25	57314	HINGED BRACKET - TWO BEAM FLASHER	1	
28	13A-0416	COTTER PIN	1	
29	50A-0607	BOLT	2	
30	14C-06	WASHER	2	
31	36D-06	NUT	2	
32	32437	GROMMET - USED WITH DETAILS 1, 2 & 4	2	
33	52710	GROMMET - USED WITH DETAILS 10 & 11	2 or 4	
34	40G-0619	BOLT	2	
35	14C-06	WASHER	5	
36	30A-06	NUT	4	
37	50A-0808	BOLT	2	
38	50A-0824	BOLT	2	
39	14A-08	LOCKWASHER	4	
40	50A-0648ZI	BOLT	4	
41	14A-06ZI	LOCKWASHER	4	
42	65178	HOUSING - STOP, TAIL & BACK-UP LIGHTS	2	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		BULB & SEALED BEAMS		
43	18791	BULB FOR ITEMS 8 & 9	1	
44	19076	BULB FOR ITEMS 1 & 2	1	
45	19077	SEALED BEAM FOR ITEM 3	1	
46	19078	SEALED BEAM FOR ITEM 4	1	
47	19079	SEALED BEAM FOR ITEMS 5 & 6	1	
48	19080	SEALED BEAM FOR ITEM 7	1	
49	23635	BULB FOR ITEMS 8, 9 & 12	1	
50	32512	SEALED BEAM FOR ITEMS 8 & 9	1	
51	63017	SEALED BEAM - HALOGEN FOR ITEMS 8 & 9	1	
		REPLACEMENT LENSES		
52	18185-2	LENS - BLUE TWO BEAM FLASHER	1	
53	18185-3	LENS - AMBER TWO BEAM FLASHER	1	
54	26996	LENS - RED FOR ITEM 2	1	
55	26997	LENS - AMBER FOR ITEM 1	1	
56	32513	LENS - AMBER FOR ITEMS 8 & 9	1	
57	57313	BRUSH GUARD - ROTATING BEACON	1	
58	14A-05	LOCKWASHER	4	
59	30A-05	NUT	4	
60	65141	REFLECTOR - RED	2	



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WIRING HARNESSES & SENDING UNITS

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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

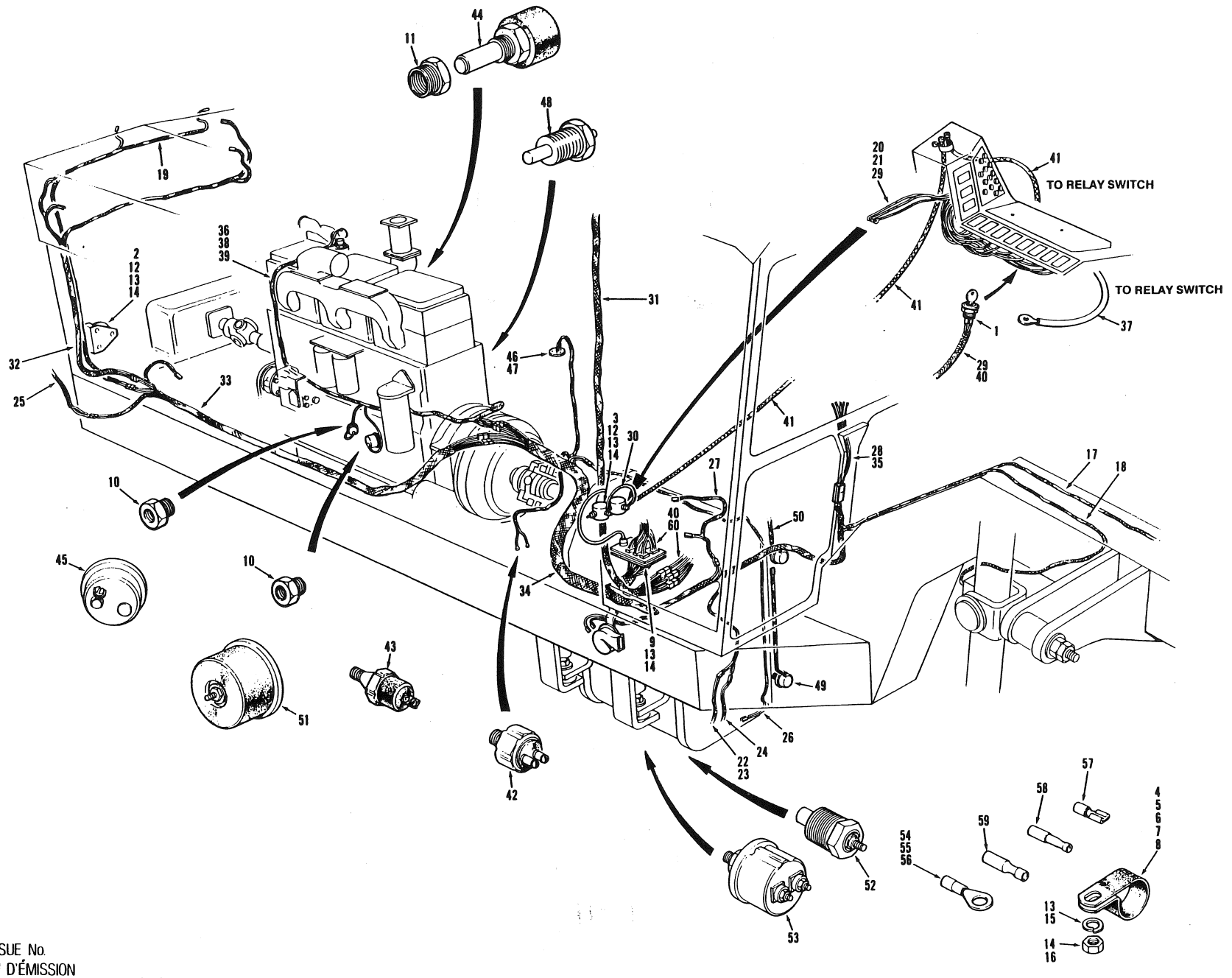
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NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

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USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	5618	IGNITION SWITCH & KEYS	1	
2	15201	BACK-UP ALARM	1	
3	17906	GROUND STRAP	1	
4	17907	GROUND STRAP - ARTICULATION	1	
5	19725	SOLENOID - 12 VOLT	2	
6	28685	CLIP - 1/4"	A.R.	
7	28726	ADAPTER PLATE	1	UP TO SER. No. 16470, & UP TO U.S.2211-2
8	28767	CLIP - 3/8"	A.R.	
9	32316	CLIP - 3/8"	A.R.	
10	32317	CLIP - 1/2"	A.R.	
11	32318	CLIP - 3/4"	A.R.	
12	32319	CLIP - 1"	A.R.	
13	32320	CLIP - 1-1/4"	A.R.	
14	40952	ADAPTER PLATE	1	SERIAL No. 16471 & UP U.S.SER.No. 2212-2 & UP
15	103L-02	NIPPLE	A.R.	
16	103N-02	ELBOW	A.R.	
17	103P-02	ELBOW	A.R.	
18	103T-02	TEE	A.R.	
19	115B-0402	REDUCER	A.R.	
20	115B-0604	REDUCER	A.R.	
21	115B-0806	REDUCER	A.R.	
22	115M-08	TEE	A.R.	
23	115S-08	NIPPLE	A.R.	
24	50A-0408	BOLT	8	
25	14A-04	LOCKWASHER	A.R.	
26	30A-04	NUT	A.R.	
27	14A-06	LOCKWASHER	A.R.	
28	30A-06	NUT	A.R.	
29	14A-08	LOCKWASHER	A.R.	
30	30A-08	NUT	A.R.	
		WIRING HARNESSES		
31	28377	HARNESS - FRONT HEADLIGHTS	1	OPTIONAL
32	28378	HARNESS - FLOAT VALVES	A.R.	OPTIONAL
33	28384	HARNESS - BACK-UP LIGHTS	1	
34	28390	HARNESS - 1 WIRE ACCESSORY	A.R.	
35	28391	HARNESS - 2 WIRE ACCESSORY	A.R.	
36	28394	HARNESS - FRONT MOUNT WING	1	
37	28395	HARNESS - REAR MOUNT WING	1	
38	28396	HARNESS - FRONT MOUNT WING	1	OPTIONAL
39	28725	HARNESS - REAR MOUNT WING, RIPPER & WINDROW ELIMINATOR	1	
40	29756	HARNESS - TRANSMISSION	1	
41	32375	HARNESS - HEATER MOTOR	1	
42	40488	HARNESS - INSTRUMENT PANEL POWER	1	
43	40490	HARNESS - ENGINE	1	720, 730 & 730A
44	40493	HARNESS - ENGINE	1	710, 710A & 720A
45	40494	HARNESS - ENGINE	1	740, 740A & 760
46	40664	WIRE - KEY SWITCH TO SOLENOID	1	
47	40665	WIRE - SOLENOID TO SOLENOID	1	
48	28381	HARNESS - UPPER CAB	1	
49	28385	HARNESS - REAR TAIL LIGHTS	1	UP TO SER. No.16470, & UP TO U.S.2211-2
50	40486	HARNESS - HARNESS - MAIN CHASSIS	1	
51	40487	HARNESS - REAR CHASSIS	1	
52	40489	HARNESS - STEERING COLUMN	1	
53	40491	HARNESS - INSTRUMENT PANEL	1	
54	40931	HARNESS - UPPER CAB	1	
55	40942	HARNESS - STEERING COLUMN	1	SERIAL No. 16471 & UP U.S. SER. No. 2212-2 & UP
56	40943	HARNESS - MAIN CHASSIS	1	
57	40944	HARNESS - INSTRUMENT PANEL	1	
58	40950	HARNESS - STOP & REAR TAIL LIGHTS	1	
59	40951	HARNESS - REAR CHASSIS	1	
		SENDING UNITS		
60	1684	BRAKE SWITCH	1	
61	9670	SWITCH - HOUR METER	1	
62	9758	ALARMSTAT	1	
63	11772	PRESSURESTAT	1	OPTIONAL
64	17868	ARTICULATION	1	
65	24589	FUEL LEVEL	1	
66	28690	FUEL PRESSURE	1	
67	28691	COOLANT TEMPERATURE	1	
68	40848	TRANSMISSION OIL PRESSURE - INCLUDES HARNESS	1	
69	41787	ENGINE OIL PRESSURE	1	
70	10076	TEMPERATURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
71	15801	OIL PRESSURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
72	130B-03	RING TERMINAL - No.8-10 - 14 Ga.	A.R.	
	130B-04	RING TERMINAL - 1/4" - 14 Ga.	A.R.	
	130B-06	RING TERMINAL - 3/8" - 14 Ga.	A.R.	
	130B-08	RING TERMINAL - 1/2" - 14Ga.	A.R.	
	130C-03	RING TERMINAL - No. 8-10 - 10-12 Ga.	A.R.	
	130C-06	RING TERMINAL - 3/8" - 10-12 Ga.	A.R.	
73	131B-04	SPADE TERMINAL - 1/4"	A.R.	
74	134B-00	MALE BULLET - 14 Ga.	A.R.	
75	134C-00	MALE BULLET - 10-12 Ga.	A.R.	
76	135B-00	FEMALE BULLET - 14 Ga.	A.R.	
77	135C-00	FEMALE BULLET - 10-12 Ga.	A.R.	



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JUNE 1987

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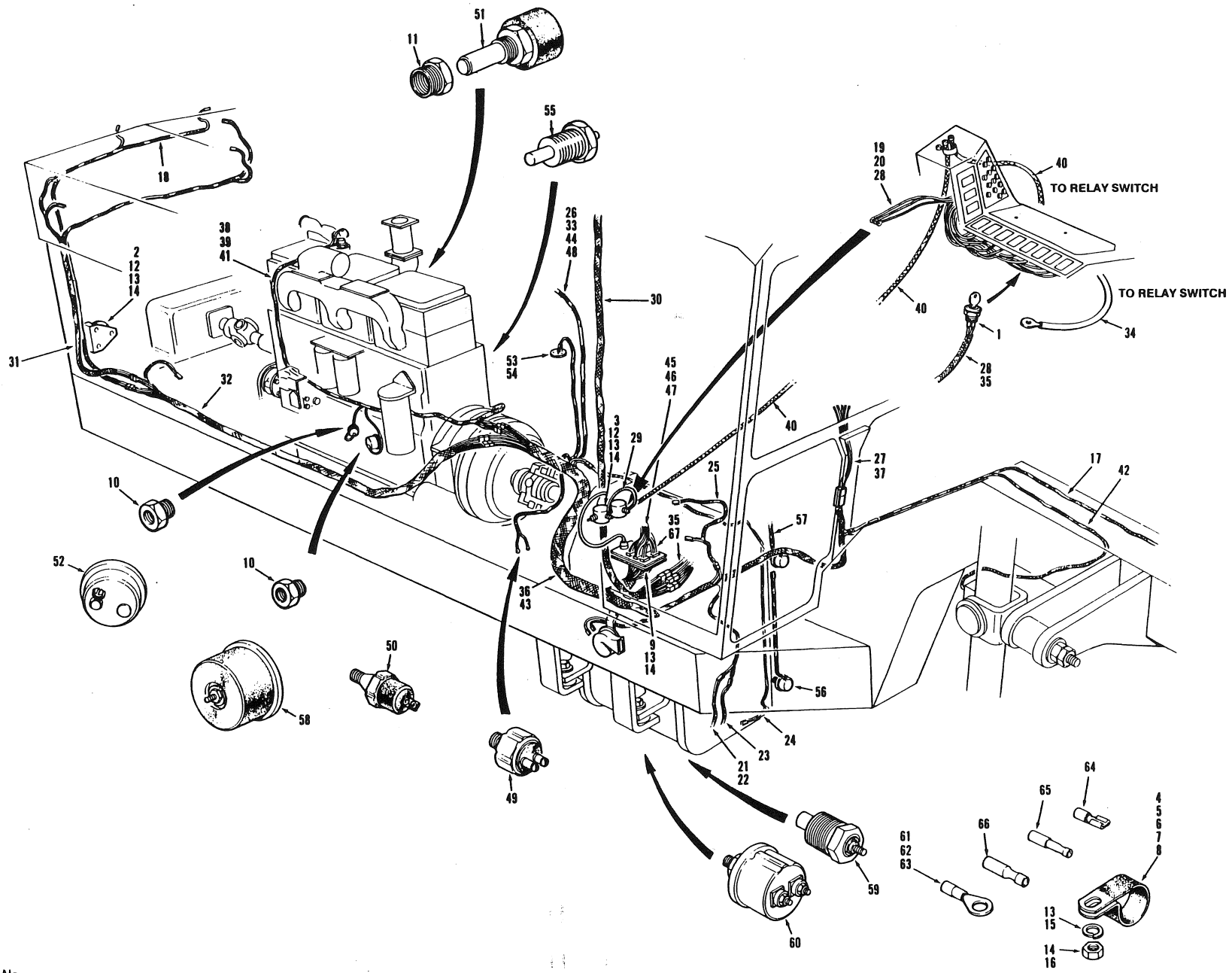
SECTION 10 PAGE 5
SECCION 10 PAGINA 5

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

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No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	5618	IGNITION SWITCH & KEYS	1	
2	15201	BACK-UP ALARM	1	
3	19725	SOLENOID - 12 VOLT	2	
4	32316	CLIP - 3/8"	8	
5	32317	CLIP - 1/2"	2	
6	32318	CLIP - 3/4"	4	
7	32319	CLIP - 1"	3	
8	32320	CLIP - 1-1/4"	1	
9	40952	ADAPTER PLATE	1	
10	115B-0402	REDUCER	1	
11	115B-0806	REDUCER	2	
12	50A-0408	BOLT	8	
13	14A-04	LOCKWASHER	8	
14	30A-04	NUT	8	
15	14A-06	LOCKWASHER	2	
16	30A-06	NUT	2	
		WIRING HARNESS		
17	28377	HARNESS - FRONT HEADLIGHTS	1	OPTIONAL
18	28378	HARNESS - FLOAT VALVES	A.R.	OPTIONAL
19	28384	HARNESS - BACK-UP LIGHTS	1	
20	28390	HARNESS - 1 WIRE ACCESSORY	A.R.	
21	28391	HARNESS - 2 WIRE ACCESSORY	A.R.	
22	28394	HARNESS - FRONT MOUNT WING	1	
23	28395	HARNESS - REAR MOUNT WING	1	
24	28396	HARNESS - FRONT MOUNT WING	1	OPTIONAL
25	28725	HARNESS - REAR MOUNT WING, RIPPER & WINDROW ELIMINATOR	1	
26	29756	HARNESS - TRANSMISSION	1	
27	32375	HARNESS - HEATER MOTOR	1	
28	40484	HARNESS - ARTIC. SWITCH	1	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
29	40488	HARNESS - INSTRUMENT PANEL POWER	1	
30	40665	WIRE - SOLENOID TO SOLENOID	1	
31	40931	HARNESS - UPPER CAB	1	
32	40950	HARNESS - STOP & REAR TAIL LIGHTS	1	
33	40951	HARNESS - REAR CHASSIS	1	
34	43689	HARNESS - MAIN CHASSIS	1	
35	43690	HARNESS - STEERING COLUMN	1	
36	43692	HARNESS - ENGINE	1	710, 710A & 720A
37	*43640	FEED WIRE - TRANSMISSION	1	
38	43693	HARNESS - ENGINE	1	740, 740A 780, 780A
39	43694	HARNESS - ENGINE	1	720, 730 & 730A
40	43950	HARNESS - INSTRUMENT PANEL	1	
41	*43993	HARNESS - TRANSMISSION	1	
		SENDING UNITS		
42	1684	BRAKE SWITCH	1	
43	9670	SWITCH - HOUR METER	1	
44	9758	ALARMSTAT	1	OPTIONAL
45	11772	PRESSURESTAT	1	OPTIONAL
46	11785	GASKET - FUEL SENDER	1	
47	24589	FUEL LEVEL	1	
48	28691	COOLANT TEMPERATURE	1	
49	40848	TRANSMISSION OIL PRESSURE - INCLUDES HARNESS	1	
50	*41534	PRESSURE SWITCH - INCLUDES HARNESS	1	
51	41787	ENGINE OIL PRESSURE	1	
52	10076	TEMPERATURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
53	15801	OIL PRESSURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
54	130B-03	RING TERMINAL	A.R.	
55	130B-04	RING TERMINAL	A.R.	
56	130C-03	RING TERMINAL	A.R.	
57	131B-04	SPADE TERMINAL	A.R.	
58	134B-180	MALE BULLET	A.R.	
59	135B-21	FEMALE BULLET	A.R.	
		TROPICAL PROTECTION PACKAGE - OPTIONAL		
60	*44881	HARNESS - INSTRUMENT PANEL	1	



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19292 & UP

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SECTION 10 PAGE 5
SECCION 10 PAGINA 5

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

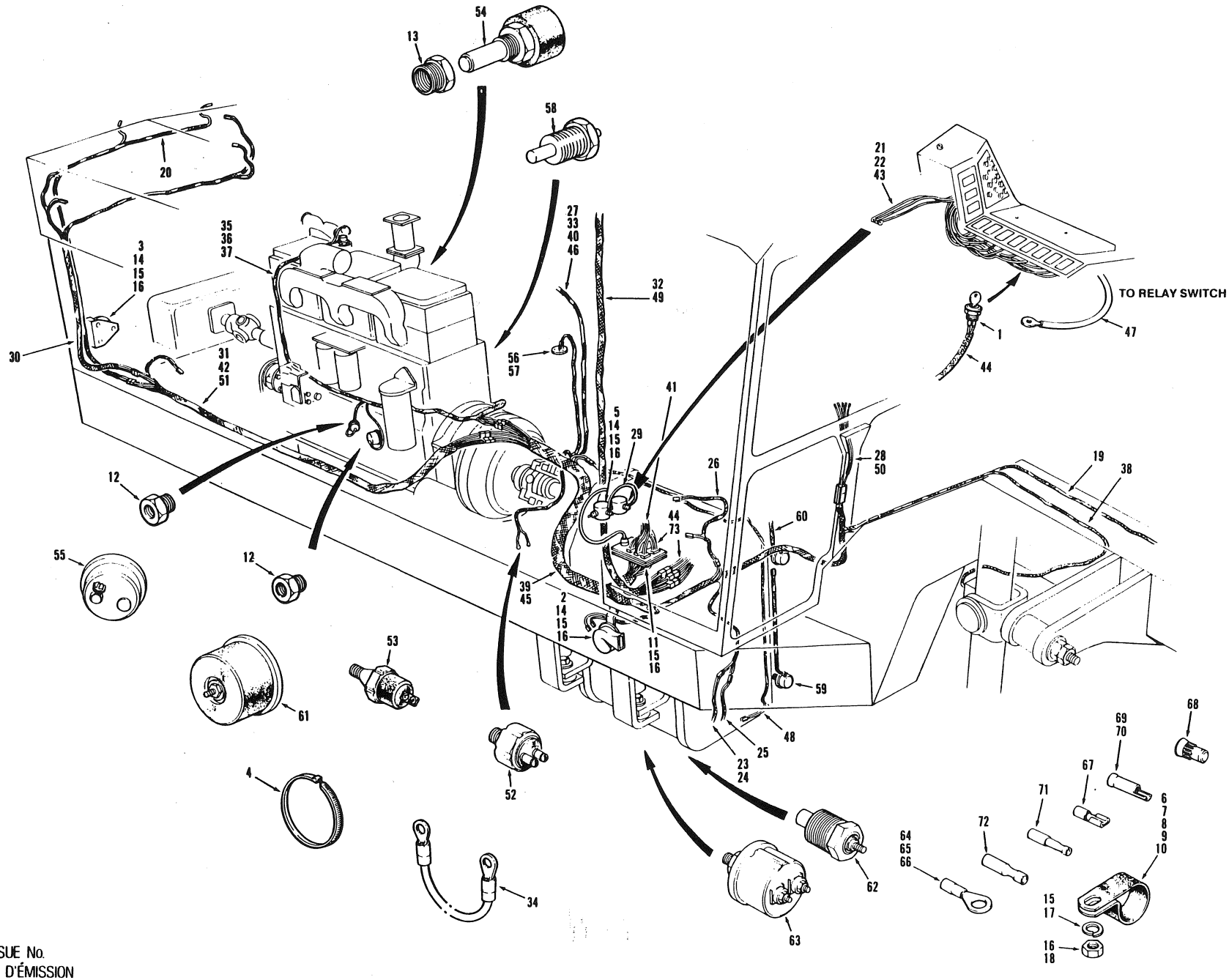
SECTION / SECCION **10** | PAGE / PAGINA **6** | ISSUE No. / N° D'ÉMISSION / N° DE EDICION **3 REVISION A**

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No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	5618	IGNITION SWITCH & KEYS	1	
2	15201	BACK-UP ALARM	1	
3	19725	SOLENOID - 12 VOLT	2	
4	32316	CLIP - 3/8"	8	
5	32317	CLIP - 1/2"	2	
6	32318	CLIP - 3/4"	4	
7	32319	CLIP - 1"	3	
8	32320	CLIP - 1 1/4"	1	
9	*48872	ADAPTER PLATE	1	
10	115B-0402	REDUCER	1	
11	115B-0806	REDUCER	2	
12	50A-0408	BOLT	8	
13	14A-04	LOCKWASHER	8	
14	30A-04	NUT	8	
15	14A-06	LOCKWASHER	2	
16	30A-06	NUT	2	
		WIRING HARNESS		
17	28377	HARNESS - FRONT HEADLIGHTS	1	OPTIONAL
18	28384	HARNESS - BACK-UP LIGHTS	1	
19	28390	HARNESS - 1 WIRE ACCESSORY	A.R.	
20	28391	HARNESS - 2 WIRE ACCESSORY	A.R.	
21	28394	HARNESS - FRONT MOUNT WING	1	OPTIONAL
22	28395	HARENSS - REAR MOUNT WING	1	OPTIONAL
23	28396	HARNESS - FRONT MOUNT WING	1	OPTIONAL
24	29756	HARNESS - TRANSMISSION	1	
25	32375	HARNESS - HEATER MOTOR	1	
26	*40483	HARNESS - OIL DISC BRAKES	1	
27	40484	HARNESS - ARTICULATION SWIITCH	1	
28	40488	HARNESS - INSTRUMENT PANEL POWER	1	
29	40665	WIRE - SOLENOID TO SOLENOID	1	
30	40931	HARNESS - UPPER CAB	1	
31	40950	HARNESS - STOP & REAR TAIL LIGHTS	1	
32	40951	HARNESS - REAR CHASSIS	1	
33	*41654	HARNESS - OIL DISC BRAKES	1	
34	43640	FEED WIRE - TRANSMISSION	1	
35	43950	HARNESS - INSTRUMENT PANEL	1	
36	43689	HARNESS - MAIN CHASSIS	1	
37	43690	HARNESS - STEERING COLUMN	1	
38	43692	HARNESS - ENGINE - 6BT	1	710/710A
39	43693	HARNESS - ENGINE - L10	1	740 thru 780A
40	43993	HARNESS - TRANSMISSION	1	
	*45701	HARNESS - ENGINE - 6CT	1	720 thru 730A S/N 18599 & UP
41	*43694	HARNESS - ENGINE - 6CT	1	720 thru 730A UP TO S/N 18598

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
42	46663	HARNESS - FLOAT VALVES	A.R.	OPTIONAL
43	*48868	HARNESS - DRUM BRAKES - CHASSIS	1	
44	*48869	HARNESS - DRUM BRAKES WARNING	1	
45	*48877	HARNESS - DRUM BRAKES CONSOLE	1	
46	49473	HARNESS - FLOAT VALVE	1	
47	49474	HARNESS - FLOAT VALVE	1	
48	*49634	HARNESS - TIRE PUMP	1	
		SENDING UNITS		
49	1684	BRAKE SWITCH	2	
50	9670	SWITCH - HOUR METER	1	
51	9758	ALARMSTAT	1	OPTIONAL
52	11772	PRESSURESTAT	1	OPTIONAL
53	11785	GASKET - FUEL SENDER	1	
54	24589	FUEL LEVEL	1	
55	28691	COOLANT TEMPERATURE	1	
56	40848	TRANSMISSION OIL PRESSURE - INCLUDES HARNESS	1	
57	41534	PRESSURE SWITCH - INCLUDES HARNESS	1	
58	41787	ENGINE OIL PRESSURE	1	
59	10076	TEMPERATURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
60	15801	OIL PRESSURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
61	130B-03	RING TERMINAL	A.R.	
62	130B-04	RING TERMINAL	A.R.	
63	130C-03	RING TERMINAL	A.R.	
64	131B-04	SPADE TERMINAL	A.R.	
65	134B-180	MALE BULLET	A.R.	
66	135B-21	FEMALE BULLET	A.R.	
		TROPICAL PROTECTION PACKAGE - OPTIONAL		
67	44881	HARNESS- INSTRUMENT PANEL	1	



ISSUE No.
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Nº DE EDICION 4

WIRING HARNESS & SENDING UNITS

JUNE 1989

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 19843 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

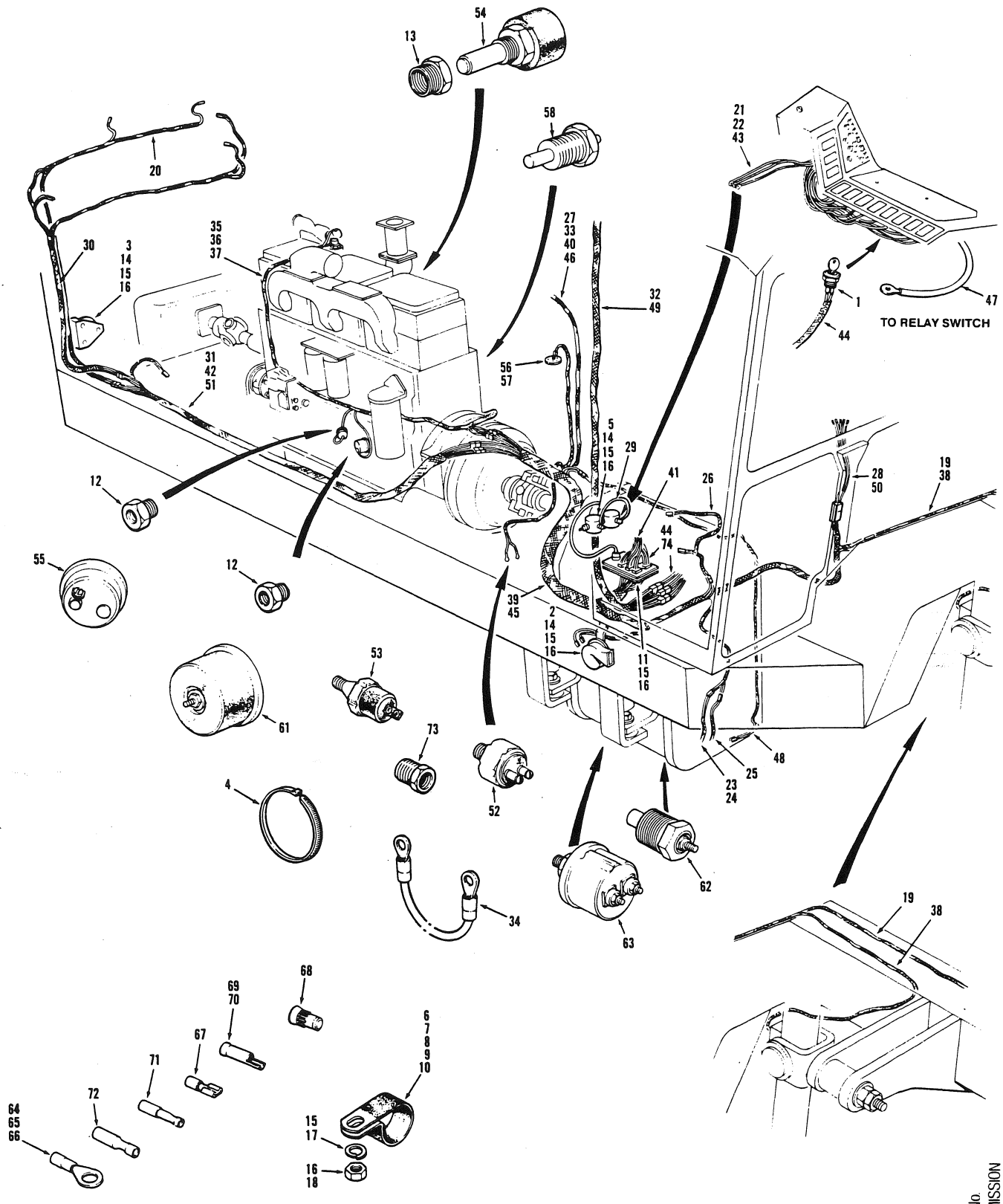
700 SERIES
SERIE 700

SECTION 10 PAGE 5
SECCION 10 PAGINA 5

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

WIRING HARNESS & SENDING UNITS

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	5618	IGNITION SWITCH & KEYS	1	
2	9685	HORN	1	
3	15201	BACK-UP ALARM	1	
4	*15774	PLASTIC TIE	12	
5	19725	SOLENOID - 12 VOLT	2	
6	32316	CLIP - 3/8"	8	
7	32317	CLIP - 1/2"	2	
8	32318	CLIP - 3/4"	4	
9	32319	CLIP - 1"	3	
10	32320	CLIP - 1 1/4"	1	
11	48872	ADAPTER PLATE	1	
12	115B-0402	REDUCER	1	
13	115B-0806	REDUCER	2	
14	50A-0408	BOLT	8	
15	14A-04	LOCKWASHER	8	
16	30A-04	NUT	8	
17	14A-06	LOCKWASHER	2	
18	30A-06	NUT	2	
		WIRING HARNESS		
19	28377	HARNESS - FRONT HEADLIGHTS	1	OPTIONAL
20	28384	HARNESS - BACK-UP LIGHTS	1	
21	28390	HARNESS - 1 WIRE ACCESSORY	A.R.	
22	28391	HARNESS - 2 WIRE ACCESSORY	A.R.	
23	28394	HARNESS - FRONT MOUNT WING	1	OPTIONAL
24	28395	HARNESS - REAR MOUNT WING	1	OPTIONAL
25	28396	HARNESS - FRONT MOUNT WING	1	OPTIONAL
26	32375	HARNESS - HEATER MOTOR	1	
27	40483	HARNESS - OIL DISC BRAKES	1	
28	40484	HARNESS - ARTICULATION SWITCH	1	
29	40665	WIRE - SOLENOID TO SOLENOID	1	
30	40950	HARNESS - STOP & REAR TAIL LIGHTS	1	
31	40951	HARNESS - REAR CHASSIS	1	
32	*41447	HARNESS - AIR CONDITIONER	1	
33	41654	HARNESS - OIL DISC BRAKES	1	
34	*41700	WIRE - JUMPER - OIL DISC BRAKES	1	
35	43692	HARNESS - ENGINE	1	710/710A
36	43693	HARNESS - ENGINE	1	740 thru 780A
37	45701	HARNESS - ENGINE	1	720 thru 730A
38	46663	HARNESS - FLOAT VALVES	A.R.	OPTIONAL
39	48868	HARNESS - DRUM BRAKES - CHASSIS	1	
40	48869	HARNESS - DRUM BRAKES - WARNING	1	
41	48877	HARNESS - DRUM BRAKES - CONSOLE	1	
42	*48926	HARNESS - SUPPLEMENTAL STEERING	1	
43	*48958	HARNESS - INSTRUMENT PANEL POWER	1	
44	*48959	HARNESS - INSTRUMENT PANEL	1	
45	49092	HARNESS - MAIN CHASSIS	1	
46	49634	HARNESS - TIRE PUMP	1	
47	*51152	FEED WIRE - TRANSMISSION	1	
48	*51164	HARNESS - TRANSMISSION	1	
49	*51178	HARNESS - UPPER CAB	1	
50	*51180	HARNESS - STEERING COLUMN	1	
51	*52082	HARNESS - DIFFERENTIAL - LOCK	1	
		SENDING UNITS		
52	1684	BRAKE SWITCH	2	
53	9670	SWITCH - HOUR METER	1	
54	9758	ALARMSTAT	1	OPTIONAL
55	11772	PRESSURE STAT	1	OPTIONAL
56	11785	GASKET - FUEL SENDER	1	
57	24589	FUEL LEVEL	1	
58	28691	COOLANT TEMPERATURE	1	
59	40848	TRANSMISSION OIL - LOW LUBE-PRESSURE INCLUDES HARNESS	1	
60	41534	PRESSURE SWITCH - LOCK-UP - INCLUDES HARNESS	1	
61	41787	ENGINE OIL PRESSURE	1	
62	10076	TEMPERATURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
63	15801	OIL PRESSURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
64	130B-03	RING TERMINAL	A.R.	
65	130B-04	RING TERMINAL	A.R.	
66	130C-03	RING TERMINAL	A.R.	
67	131B-04	SPADE TERMINAL	A.R.	
68	*132A-00	CLOSED END TERMINAL	A.R.	
69	133B-00	BUTT CONNECTOR	A.R.	
70	133C-00	BUTT CONNECTOR	A.R.	
71	134B-180	MALE BULLET	A.R.	
72	135B-21	FEMALE BULLET	A.R.	
		TROPICAL PROTECTIONAL PACKAGE - OPTIONAL		
73	49081	HARNESS - INSTRUMENT PANEL	1	



CHAMPION ROAD MACHINERY

WIRING HARNESS & SENDING UNITS

MAY 1990

5 REVISION A

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EFFECTIVE SERIAL NUMBER(S)
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NUMERO(S) DE SERIE EFECTIVO(S)

19982, 19984, 19985, 19996, 20005, 20227 to 20232, 20265 to 20375, 20383 & UP

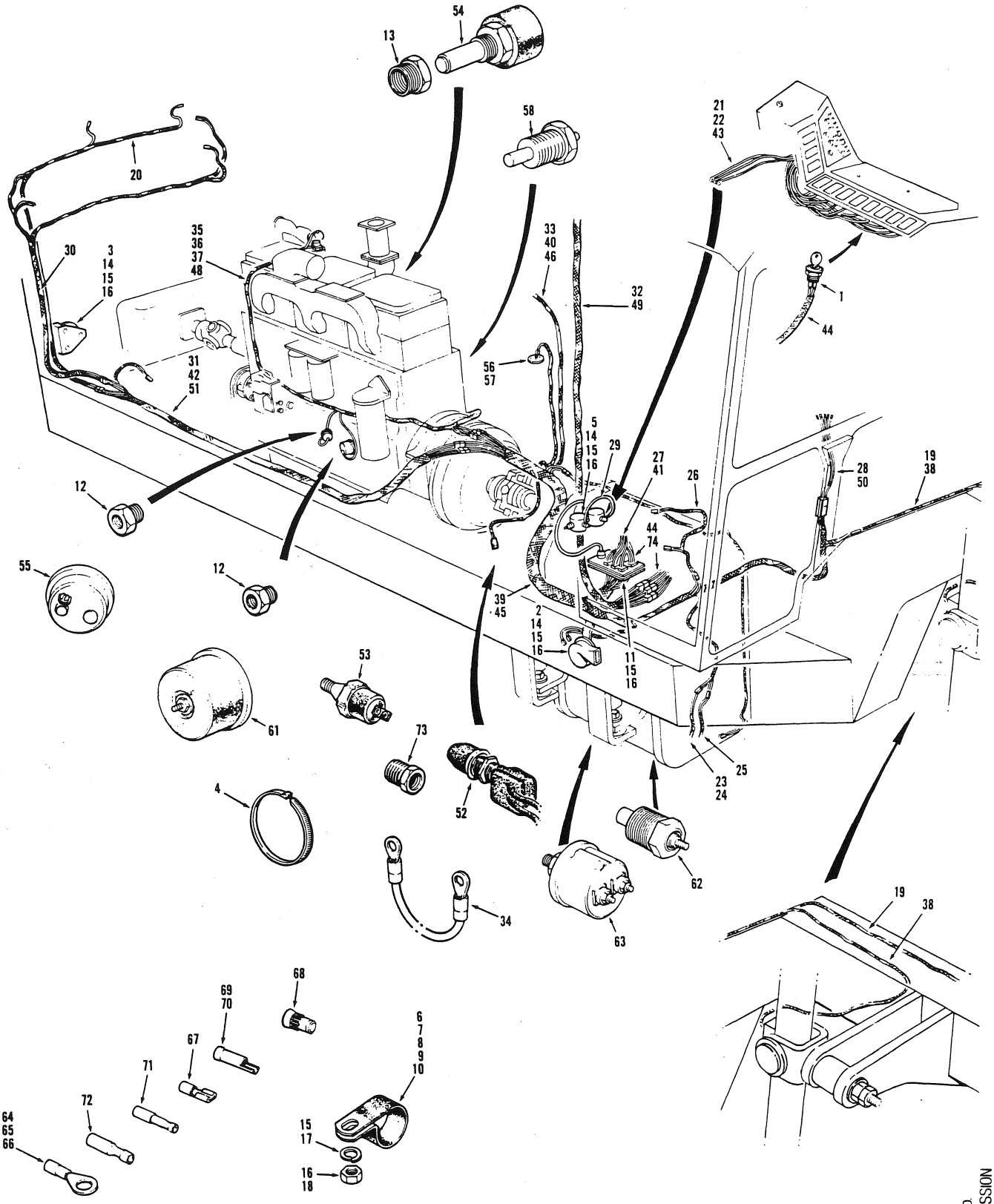
700 SERIES
SERIE 700

SECTION 10 PAGE 5
SECCION PAGINA

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

WIRING HARNESS & SENDING UNITS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	5618	IGNITION SWITCH & KEYS	1	
2	9685	HORN	1	
3	15201	BACK-UP ALARM	1	
4	15774	PLASTIC TIE	12	
5	*55156	SOLENOID - 12 VOLT	2	
	*55157	GROUND HARNESS	2	
6	32316	CLIP - 3/8"	8	
7	32317	CLIP - 1/2"	2	
8	32318	CLIP - 3/4"	4	
9	32319	CLIP - 1"	3	
10	32320	CLIP - 1 1/4"	1	
11	48872	ADAPTER PLATE	1	
12	115B-0402	REDUCER	1	
13	115B-0806	REDUCER	2	
14	50A-0408	BOLT	8	
15	14A-04	LOCKWASHER	8	
16	30A-04	NUT	8	
17	14A-06	LOCKWASHER	2	
18	30A-06	NUT	2	
		WIRING HARNESS		
19	28377	HARNESS - FRONT HEADLIGHTS	1	OPTIONAL
20	52845	HARNESS - BACK-UP LIGHTS	1	
21	28390	HARNESS - 1 WIRE ACCESSORY	A.R.	
22	28391	HARNESS - 2 WIRE ACCESSORY	A.R.	
23	28394	HARNESS - FRONT MOUNT WING	1	OPTIONAL
24	28395	HARNESS - REAR MOUNT WING	1	OPTIONAL
25	28396	HARNESS - FRONT MOUNT WING	1	OPTIONAL
26	32375	HARNESS - HEATER MOTOR	1	
27	40483	HARNESS - OIL DISC BRAKES	1	
28	40484	HARNESS - ARTICULATION SWITCH	1	
29	40665	WIRE - SOLENOID TO SOLENOID	1	
30	52705	HARNESS - STOP & REAR TAIL LIGHTS	1	
31	40951	HARNESS - REAR CHASSIS	1	
32	41447	HARNESS - AIR CONDITIONER	1	
33	41654	HARNESS - OIL DISC BRAKES	1	
34	41700	WIRE - JUMPER - OIL DISC BRAKES	1	
35	43692	HARNESS - ENGINE	1	710/710A
36	43693	HARNESS - ENGINE	1	740 thru 780A
37	45701	HARNESS - ENGINE	1	720 thru 730A
38	46663	HARNESS - FLOAT VALVES	A.R.	OPTIONAL
39	48868	HARNESS - DRUM BRAKES - CHASSIS	1	
40	48869	HARNESS - DRUM BRAKES - WARNING	1	
41	48877	HARNESS - DRUM BRAKES - CONSOLE	1	
42	48926	HARNESS - SUPPLEMENTAL STEERING	1	
43	48958	HARNESS - INSTRUMENT PANEL POWER	1	
44	48959	HARNESS - INSTRUMENT PANEL	1	
45	49092	HARNESS - MAIN CHASSIS	1	
46	49634	HARNESS - TIRE PUMP	1	
47	51152	FEED WIRE - TRANSMISSION	1	
48	54258	HARNESS - TRANSMISSION	1	
49	51178	HARNESS - UPPER CAB	1	
50	51180	HARNESS - STEERING COLUMN	1	
51	52082	HARNESS - DIFFERENTIAL - LOCK	1	
		SENDING UNITS		
52	1684	BRAKE SWITCH	2	
53	9670	SWITCH - HOUR METER	1	
54	9758	ALARMSTAT	1	OPTIONAL
55	11772	PRESSURE STAT	1	OPTIONAL
56	11785	GASKET - FUEL SENDER	1	
57	52881	FUEL LEVEL	1	
58	28691	COOLANT TEMPERATURE	1	
61	*57170	ENGINE OIL PRESSURE	1	
62	10076	TEMPERATURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
63	15801	OIL PRESSURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
64	130B-03	RING TERMINAL	A.R.	
65	130B-04	RING TERMINAL	A.R.	
66	130C-03	RING TERMINAL	A.R.	
67	131B-04	SPADE TERMINAL	A.R.	
68	132A-00	CLOSED END TERMINAL	A.R.	
69	133B-00	BUTT CONNECTOR	A.R.	
70	133C-00	BUTT CONNECTOR	A.R.	
71	134B-180	MALE BULLET	A.R.	
72	135B-21	FEMALE BULLET	A.R.	
73	*115B-1206	REDUCER	A.R.	
		TROPICAL PROTECTIONAL PACKAGE - OPTIONAL		
74	49081	HARNESS - INSTRUMENT PANEL	1	



CHAMPION ROAD MACHINERY

WIRING HARNESS & SENDING UNITS

SEPTEMBER 1990

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ISSUE No.
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EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20830 & UP

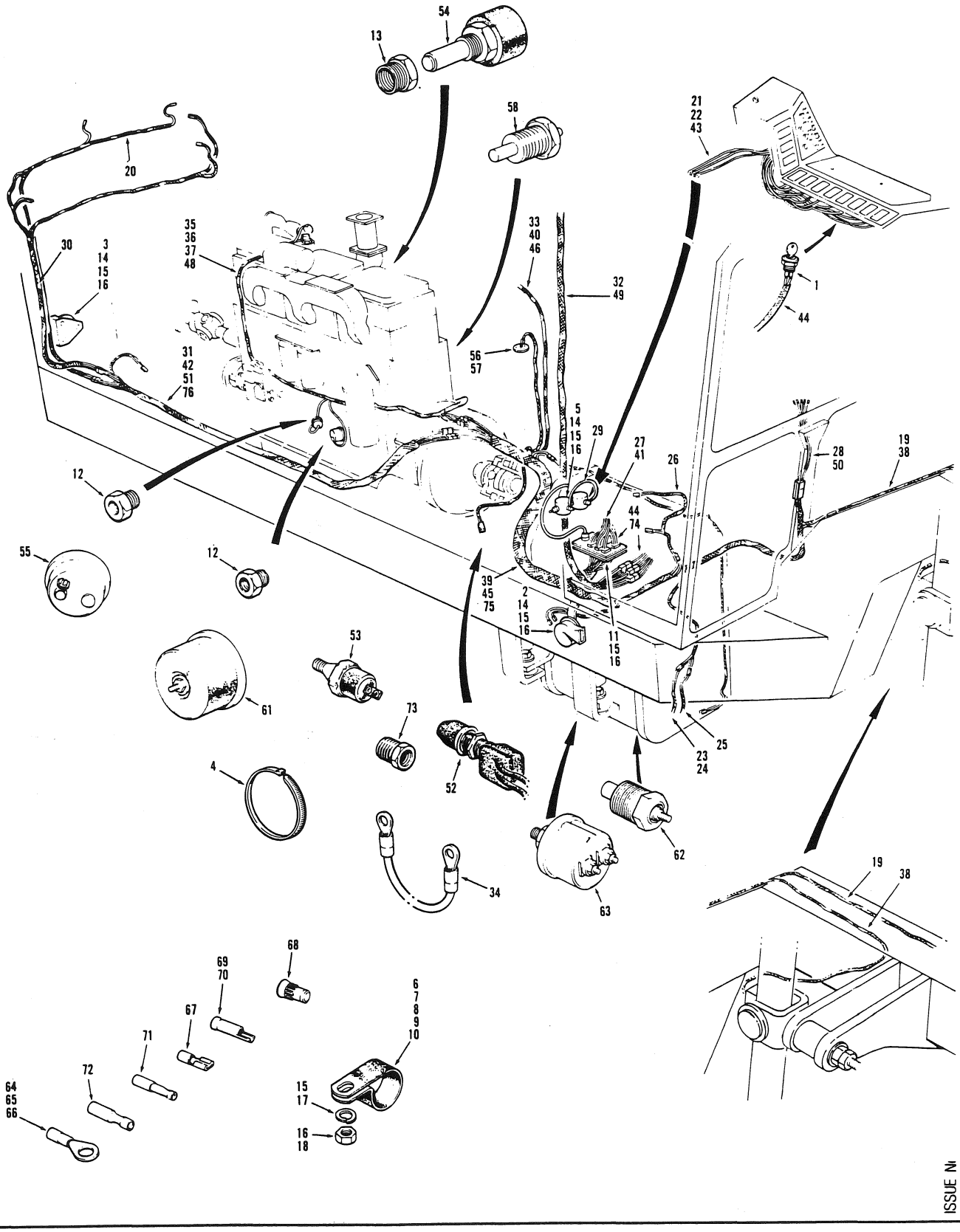
700 SERIES
SERIE 700

SECTION 10 PAGE 5
SECCION PAGINA

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

WIRING HARNESS & SENDING UNITS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	*57171	IGNITION SWITCH & KEYS	1	
2	9685	HORN	1	
3	15201	BACK-UP ALARM	1	
4	15774	PLASTIC TIE	12	
5	55156	SOLENOID - 12 VOLT	2	
	55157	GROUND HARNESS	2	
6	32316	CLIP - 3/8"	8	
7	32317	CLIP - 1/2"	2	
8	32318	CLIP - 3/4"	4	
9	32319	CLIP - 1"	3	
10	32320	CLIP - 1 1/4"	1	
11	48872	ADAPTER PLATE	1	
12	115B-0402	REDUCER	1	
13	115B-0806	REDUCER	2	
14	50A-0408	BOLT	8	
15	14A-04	LOCKWASHER	8	
16	30A-04	NUT	8	
17	14A-06	LOCKWASHER	2	
18	30A-06	NUT	2	
		WIRING HARNESS		
19	28377	HARNESS - FRONT HEADLIGHTS	1	OPTIONAL
20	52845	HARNESS - BACK-UP LIGHTS	1	
21	28390	HARNESS - 1 WIRE ACCESSORY	1	
22	28391	HARNESS - 2 WIRE ACCESSORY	1	
23	28394	HARNESS - FRONT MOUNT WING	1	OPTIONAL
24	28395	HARNESS - REAR MOUNT WING	1	OPTIONAL
25	28396	HARNESS - FRONT MOUNT WING	1	OPTIONAL
26	32375	HARNESS - HEATER MOTOR	1	
27	*57206	HARNESS - GROUND	1	
28	40484	HARNESS - ARTICULATION SWITCH	1	
29	40665	WIRE - SOLENOID TO SOLENOID	1	
30	52705	HARNESS - STOP & REAR TAIL LIGHTS	1	
31	40951	HARNESS - REAR CHASSIS	1	
32	41447	HARNESS - AIR CONDITIONER	1	
33	41654	HARNESS - OIL DISC BRAKES	1	
34	41700	WIRE - JUMPER - OIL DISC BRAKES	1	
35	43692	HARNESS - ENGINE	1	710/710A
36	43693	HARNESS - ENGINE	1	740 thru 780A
37	45701	HARNESS - ENGINE	1	720 thru 730A
38	46663	HARNESS - FLOAT VALVES	1	OPTIONAL
39	*57203	HARNESS - DRUM BRAKES - CHASSIS	1	
40	*57202	HARNESS - DRUM BRAKES - WARNING	1	
41	*57212	HARNESS - DRUM BRAKES - CONSOLE	1	
42	*57215	HARNESS - SUPPLEMENTAL STEERING	1	
43	*57204	HARNESS - INSTRUMENT PANEL POWER	1	
44	*57205	HARNESS - INSTRUMENT PANEL	1	
45	*57214	HARNESS - MAIN CHASSIS	1	
46	49634	HARNESS - TIRE PUMP	1	
48	*57211	HARNESS - ENGINE WARNING	1	
49	51178	HARNESS - UPPER CAB	1	
50	51180	HARNESS - STEERING COLUMN	1	
51	52082	HARNESS - DIFFERENTIAL - LOCK	1	
		SENDING UNITS		
52	*56775	BRAKE SWITCH	1	
53	9670	SWITCH - HOUR METER	1	
54	9758	ALARMSTAT	1	OPTIONAL
55	11772	PRESSURE STAT	1	OPTIONAL
56	11785	GASKET - FUEL SENDER	1	
57	52881	FUEL LEVEL	1	
58	28691	COOLANT TEMPERATURE	1	
61	57170	ENGINE OIL PRESSURE	1	
62	10076	TEMPERATURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
63	15801	OIL PRESSURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
64	130B-03	RING TERMINAL	3	
65	130B-04	RING TERMINAL	1	
66	130C-03	RING TERMINAL	3	
67	131B-04	SPADE TERMINAL	2	
68	132A-00	CLOSED END TERMINAL	1	
69	133B-00	BUTT CONNECTOR	1	
70	133C-00	BUTT CONNECTOR	1	
71	134B-180	MALE BULLET	2	
72	135B-21	FEMALE BULLET	2	
73	115B-1206	REDUCER	1	
		TROPICAL PROTECTIONAL PACKAGE - OPTIONAL		
74	49081	HARNESS - INSTRUMENT PANEL	1	



CHAMPION ROAD MACHINERY

WIRING HARNESS, SENDING UNITS & HORN - 12 VOLT

FEBRUARY 1991

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ISSUE No
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Nº DE EDICION 7

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NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21254 & UP

700 SERIES
SERIE 700

SECTION 10 PAGE 5
SECCION PAGINA

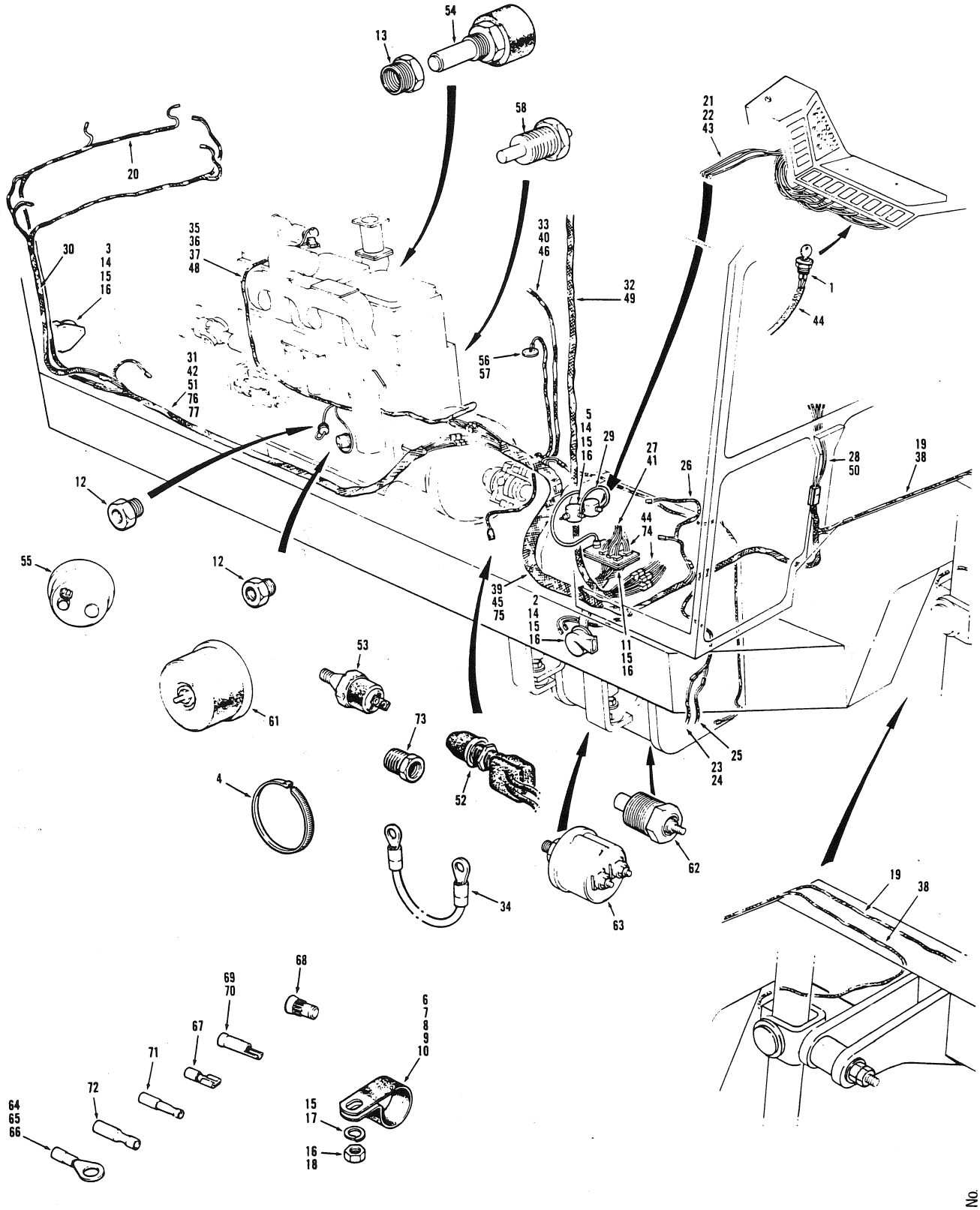
WIRING HARNESS, SENDING UNITS & HORN - 12 VOLT

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	57171	IGNITION SWITCH & KEYS	1	
2	9685	HORN	1	
3	15201	BACK-UP ALARM	1	
4	15774	PLASTIC TIE	12	
5	55156	SOLENOID - 12 VOLT	2	
	55157	GROUND HARNESS	2	
6	32316	CLIP - 3/8"	8	
7	32317	CLIP - 1/2"	2	
8	32318	CLIP - 3/4"	4	
9	32319	CLIP - 1"	3	
10	32320	CLIP - 1 1/4"	1	
11	48872	ADAPTER PLATE	1	
12	115B-0402	REDUCER	1	
13	115B-0806	REDUCER	2	
14	50A-0408	BOLT	8	
15	14A-04	LOCKWASHER	8	
16	30A-04	NUT	8	
17	14A-06	LOCKWASHER	2	
18	30A-06	NUT	2	
		WIRING HARNESS		
19	28377	HARNESS - FRONT HEADLIGHTS	1	OPTIONAL
20	52845	HARNESS - BACK-UP LIGHTS	1	
21	28390	HARNESS - 1 WIRE ACCESSORY	1	
22	28391	HARNESS - 2 WIRE ACCESSORY	1	
23	28394	HARNESS - FRONT MOUNT WING	1	OPTIONAL
24	28395	HARNESS - REAR MOUNT WING	1	OPTIONAL
25	28396	HARNESS - FRONT MOUNT WING	1	OPTIONAL
26	32375	HARNESS - HEATER MOTOR	1	
27	57206	HARNESS - GROUND	1	
28	40484	HARNESS - ARTICULATION SWITCH	1	
29	40665	WIRE - SOLENOID TO SOLENOID	1	
30	52705	HARNESS - STOP & REAR TAIL LIGHTS	1	
31	40951	HARNESS - REAR CHASSIS	1	
32	41447	HARNESS - AIR CONDITIONER	1	
33	41654	HARNESS - OIL DISC BRAKES	1	
34	41700	WIRE - JUMPER - OIL DISC BRAKES	1	
35	43692	HARNESS - ENGINE	1	710/710A
36	43693	HARNESS - ENGINE	1	740 thru 780A
37	*57604	HARNESS - ENGINE	1	720 thru 730A
38	46663	HARNESS - FLOAT VALVES	1	OPTIONAL
39	57203	HARNESS - DRUM BRAKES - CHASSIS	1	
40	57202	HARNESS - BRAKES - WARNING	1	
41	57212	HARNESS - BRAKES - CONSOLE	1	
42	57215	HARNESS - SUPPLEMENTAL STEERING	1	
43	57204	HARNESS - INSTRUMENT PANEL POWER	1	
44	57205	HARNESS - INSTRUMENT PANEL	1	
45	57214	HARNESS - MAIN CHASSIS	1	
46	49634	HARNESS - TIRE PUMP	1	
48	57211	HARNESS - ENGINE WARNING	1	
49	51178	HARNESS - UPPER CAB	1	
50	51180	HARNESS - STEERING COLUMN	1	
51	52082	HARNESS - DIFFERENTIAL - LOCK	1	
		SENDING UNITS		
52	56775	BRAKE SWITCH	1	
53	9670	SWITCH - HOUR METER	1	
54	9758	ALARMSTAT	1	OPTIONAL
55	11772	PRESSURE STAT	1	OPTIONAL
56	11785	GASKET - FUEL SENDER	1	
57	52881	FUEL LEVEL	1	
58	28691	COOLANT TEMPERATURE	1	
61	57170	ENGINE OIL PRESSURE	1	
62	10076	TEMPERATURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
63	15801	OIL PRESSURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
64	130B-03	RING TERMINAL	3	
65	130B-04	RING TERMINAL	1	
66	130C-03	RING TERMINAL	3	
67	131B-04	SPADE TERMINAL	2	
68	132A-00	CLOSED END TERMINAL	1	
69	133B-00	BUTT CONNECTOR	1	
70	133C-00	BUTT CONNECTOR	1	
71	134B-180	MALE BULLET	2	
72	135B-21	FEMALE BULLET	2	
73	115B-1206	REDUCER	1	
		TROPICAL PROTECTIONAL PACKAGE - OPTIONAL		
74	49081	HARNESS - INSTRUMENT PANEL	1	
		WIRING HARNESS		
75	*58610	HARNESS - OIL DISC BRAKES - CHASSIS	1	
76	*54393	HARNESS - SUPPLEMENTAL STEERING	1	

CHAMPION ROAD MACHINERY

APRIL 1991

WIRING HARNESS, SENDING UNITS & HORN - 12 VOLT



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ISSUE No.
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EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21450 to 21484, 21487, 21488, 21490 to 21492 & 21494

700 SERIES
SERIE 700

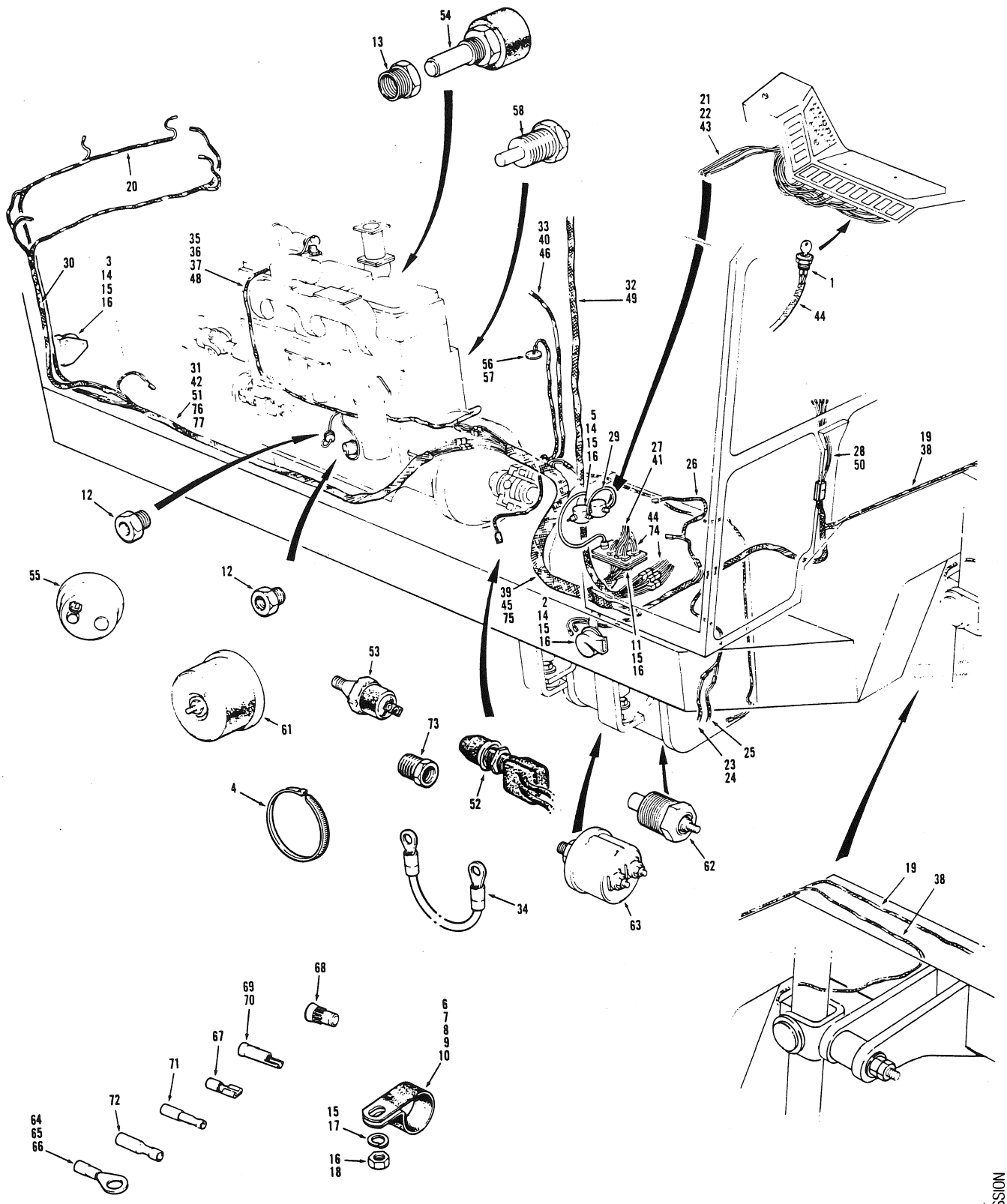
SECTION 10 PAGE 5
SECCION PAGINA

SECTION / SECCION 10 | PAGE / PAGINA 6 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 8

WIRING HARNESS, SENDING UNITS & HORN - 12 VOLT

APRIL 1991

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	57171	IGNITION SWITCH & KEYS	1	
2	9685	HORN	1	
3	15201	BACK-UP ALARM	1	
4	15774	PLASTIC TIE	12	
5	55156	SOLENOID - 12 VOLT	2	
	55157	GROUND HARNESS	2	
6	32316	CLIP - 3/8"	8	
7	32317	CLIP - 1/2"	2	
8	32318	CLIP - 3/4"	4	
9	32319	CLIP - 1"	3	
10	32320	CLIP - 1 1/4"	1	
11	48872	ADAPTER PLATE	1	
12	115B-0402	REDUCER	1	
13	115B-0806	REDUCER	2	
14	50A-0408	BOLT	8	
15	14A-04	LOCKWASHER	8	
16	30A-04	NUT	8	
17	14A-06	LOCKWASHER	2	
18	30A-06	NUT	2	
		WIRING HARNESS		
19	28377	HARNESS - FRONT HEADLIGHTS	1	OPTIONAL
20	52845	HARNESS - BACK-UP LIGHTS	1	
21	28390	HARNESS - 1 WIRE ACCESSORY	1	
22	28391	HARNESS - 2 WIRE ACCESSORY	1	
23	28394	HARNESS - FRONT MOUNT WING	1	OPTIONAL
24	28395	HARNESS - REAR MOUNT WING	1	OPTIONAL
25	28396	HARNESS - FRONT MOUNT WING	1	OPTIONAL
26	32375	HARNESS - HEATER MOTOR	1	
27	57206	HARNESS - GROUND	1	
28	40484	HARNESS - ARTICULATION SWITCH	1	
29	40665	WIRE - SOLENOID TO SOLENOID	1	
30	52705	HARNESS - STOP & REAR TAIL LIGHTS	1	
31	40951	HARNESS - REAR CHASSIS	1	
32	41447	HARNESS - AIR CONDITIONER	1	
33	41654	HARNESS - OIL DISC BRAKES	1	
34	41700	WIRE - JUMPER - OIL DISC BRAKES	1	
35	43692	HARNESS - ENGINE	1	710/710A
36	43693	HARNESS - ENGINE	1	740 thru 780A
37	57604	HARNESS - ENGINE	1	720 thru 730A
38	46663	HARNESS - FLOAT VALVES	1	OPTIONAL
39	57203	HARNESS - DRUM BRAKES - CHASSIS	1	
40	57202	HARNESS - BRAKES - WARNING	1	
41	57212	HARNESS - BRAKES - CONSOLE	1	
42	57215	HARNESS - SUPPLEMENTAL STEERING	1	
43	57204	HARNESS - INSTRUMENT PANEL POWER	1	
44	57205	HARNESS - INSTRUMENT PANEL	1	
45	57214	HARNESS - MAIN CHASSIS	1	
46	49634	HARNESS - TIRE PUMP	1	
48	57211	HARNESS - ENGINE WARNING	1	
49	51178	HARNESS - UPPER CAB	1	
50	51180	HARNESS - STEERING COLUMN	1	
51	*58742	HARNESS - DIFFERENTIAL - LOCK	1	710 thru 730A
	*58743	HARNESS - DIFFERENTIAL - LOCK	1	740 thru 780A
		SENDING UNITS		
52	56775	BRAKE SWITCH	1	
53	9670	SWITCH - HOUR METER	1	
54	9758	ALARMSTAT	1	OPTIONAL
55	11772	PRESSURE STAT	1	OPTIONAL
56	11785	GASKET - FUEL SENDER	1	
57	52881	FUEL LEVEL	1	
58	28691	COOLANT TEMPERATURE	1	
61	57170	ENGINE OIL PRESSURE	1	
62	*57345	TEMPERATURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
63	15801	OIL PRESSURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
64	130B-03	RING TERMINAL	3	
65	130B-04	RING TERMINAL	1	
66	130C-03	RING TERMINAL	3	
67	131B-04	SPADE TERMINAL	2	
68	132A-00	CLOSED END TERMINAL	1	
69	133B-00	BUTT CONNECTOR	1	
70	133C-00	BUTT CONNECTOR	1	
71	134B-180	MALE BULLET	2	
72	135B-21	FEMALE BULLET	2	
73	115B-1206	REDUCER	1	
		TROPICAL PROTECTIONAL PACKAGE - OPTIONAL		
74	49081	HARNESS - INSTRUMENT PANEL	1	
		WIRING HARNESS		
75	58610	HARNESS - OIL DISC BRAKES - CHASSIS	1	
76	54393	HARNESS - SUPPLEMENTAL STEERING - BOX	1	
77	*54394	HARNESS - SUPPLEMENTAL STEERING - MAIN	1	



WIRING HARNESS, SENDING UNITS & HORN - 12 VOLT

APRIL 1991

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 9

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21485, 21486, 21489, 21493, 21495 & UP

700 SERIES
SERIE 700

SECTION 10 PAGE 5
SECCION PAGINA

SECTION / SECCION 10 | PAGE / PAGINA 6 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 9

WIRING HARNESS, SENDING UNITS & HORN - 12 VOLT

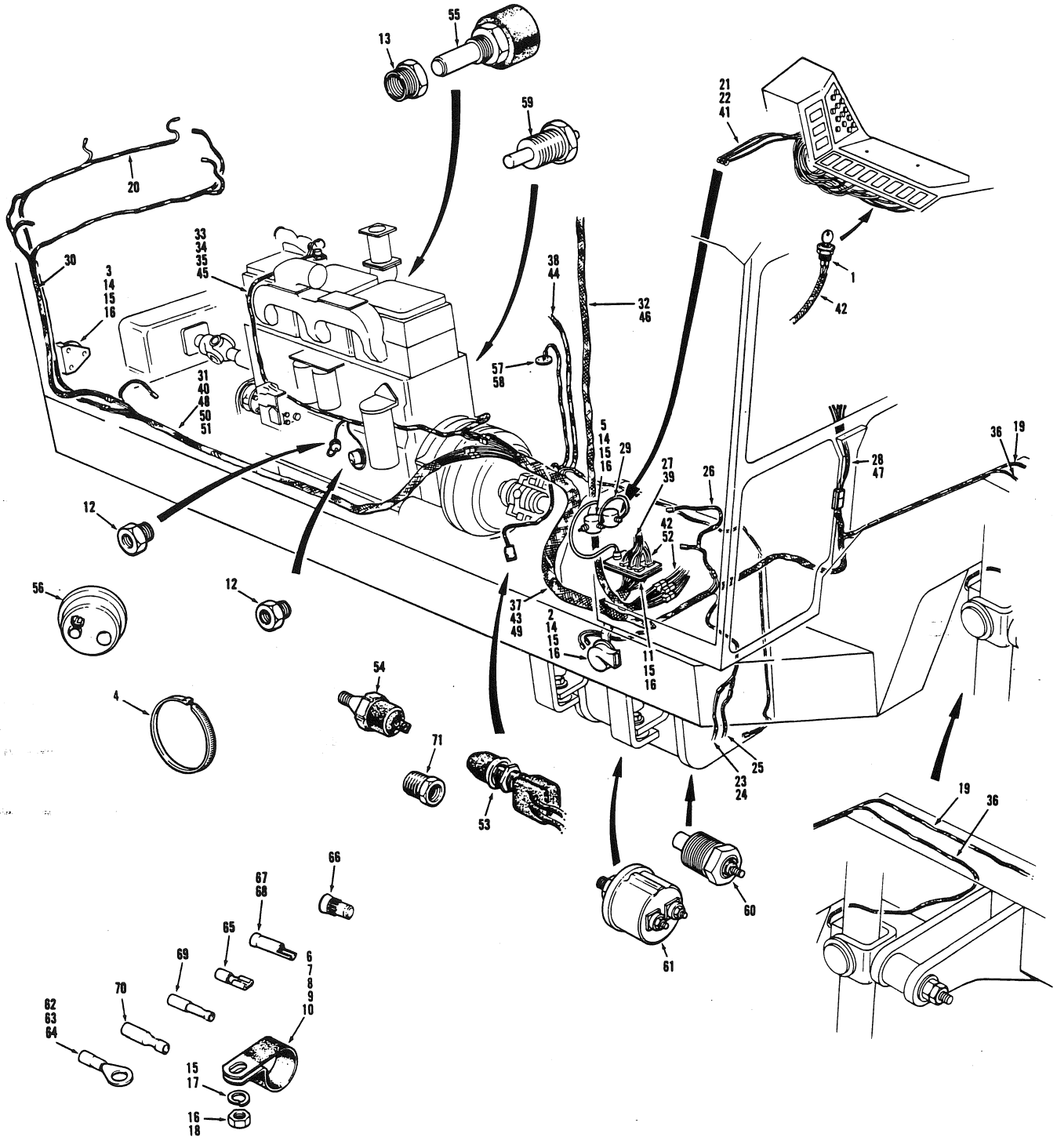
APRIL 1991

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	57171	IGNITION SWITCH & KEYS	1	
2	9685	HORN	1	
3	15201	BACK-UP ALARM	1	
4	15774	PLASTIC TIE	12	
5	55156	SOLENOID - 12 VOLT	2	
	55157	GROUND HARNESS	2	
6	32316	CLIP - 3/8"	8	
7	32317	CLIP - 1/2"	2	
8	32318	CLIP - 3/4"	4	
9	32319	CLIP - 1"	3	
10	32320	CLIP - 1 1/4"	1	
11	48872	ADAPTER PLATE	1	
12	115B-0402	REDUCER	1	
13	115B-0806	REDUCER	2	
14	50A-0408	BOLT	8	
15	14A-04	LOCKWASHER	8	
16	30A-04	NUT	8	
17	14A-06	LOCKWASHER	2	
18	30A-06	NUT	2	
		WIRING HARNESS		
19	28377	HARNESS - FRONT HEADLIGHTS	1	OPTIONAL
20	52845	HARNESS - BACK-UP LIGHTS	1	
21	28390	HARNESS - 1 WIRE ACCESSORY	1	
22	28391	HARNESS - 2 WIRE ACCESSORY	1	
23	28394	HARNESS - FRONT MOUNT WING	1	OPTIONAL
24	28395	HARNESS - REAR MOUNT WING	1	OPTIONAL
25	28396	HARNESS - FRONT MOUNT WING	1	OPTIONAL
26	32375	HARNESS - HEATER MOTOR	1	
27	57206	HARNESS - GROUND	1	
28	40484	HARNESS - ARTICULATION SWITCH	1	
29	40665	WIRE - SOLENOID TO SOLENOID	1	
30	52705	HARNESS - STOP & REAR TAIL LIGHTS	1	
31	40951	HARNESS - REAR CHASSIS	1	
32	41447	HARNESS - AIR CONDITIONER	1	
33	41654	HARNESS - OIL DISC BRAKES	1	
34	41700	WIRE - JUMPER - OIL DISC BRAKES	1	
35	43692	HARNESS - ENGINE	1	710/710A
36	43693	HARNESS - ENGINE	1	740 thru 780A
37	57604	HARNESS - ENGINE	1	720 thru 730A
38	*57736	HARNESS - FLOAT VALVES	1	OPTIONAL
39	57203	HARNESS - DRUM BRAKES - CHASSIS	1	
40	57202	HARNESS - BRAKES - WARNING	1	
41	57212	HARNESS - BRAKES - CONSOLE	1	
42	57215	HARNESS - SUPPLEMENTAL STEERING	1	
43	57204	HARNESS - INSTRUMENT PANEL POWER	1	
44	57205	HARNESS - INSTRUMENT PANEL	1	
45	*57735	HARNESS - MAIN CHASSIS	1	
46	49634	HARNESS - TIRE PUMP	1	
48	57211	HARNESS - ENGINE WARNING	1	
49	51178	HARNESS - UPPER CAB	1	
50	*57734	HARNESS - STEERING COLUMN	1	
51	58742	HARNESS - DIFFERENTIAL - LOCK	1	710 thru 730A
	58743	HARNESS - DIFFERENTIAL - LOCK	1	740 thru 780A
		SENDING UNITS		
52	56775	BRAKE SWITCH	1	
53	9670	SWITCH - HOUR METER	1	
54	9758	ALARMSTAT	1	OPTIONAL
55	11772	PRESSURE STAT	1	OPTIONAL
56	11785	GASKET - FUEL SENDER	1	
57	52881	FUEL LEVEL	1	
58	28691	COOLANT TEMPERATURE	1	
61	57170	ENGINE OIL PRESSURE	1	
62	57345	TEMPERATURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
63	15801	OIL PRESSURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
64	130B-03	RING TERMINAL	3	
65	130B-04	RING TERMINAL	1	
66	130C-03	RING TERMINAL	3	
67	131B-04	SPADE TERMINAL	2	
68	132A-00	CLOSED END TERMINAL	1	
69	133B-00	BUTT CONNECTOR	1	
70	133C-00	BUTT CONNECTOR	1	
71	134B-180	MALE BULLET	2	
72	135B-21	FEMALE BULLET	2	
73	115B-1206	REDUCER	1	
		TROPICAL PROTECTIONAL PACKAGE - OPTIONAL		
74	49081	HARNESS - INSTRUMENT PANEL	1	
		WIRING HARNESS		
75	58610	HARNESS - OIL DISC BRAKES - CHASSIS	1	
76	54393	HARNESS - SUPPLEMENTAL STEERING - BOX	1	
77	54394	HARNESS - SUPPLEMENTAL STEERING - MAIN	1	

CHAMPION ROAD MACHINERY

MAY 1991

WIRING HARNESS, SENDING UNITS & HORN - 12 VOLT



FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 10

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21567 & UP

700 SERIES
SERIE 700

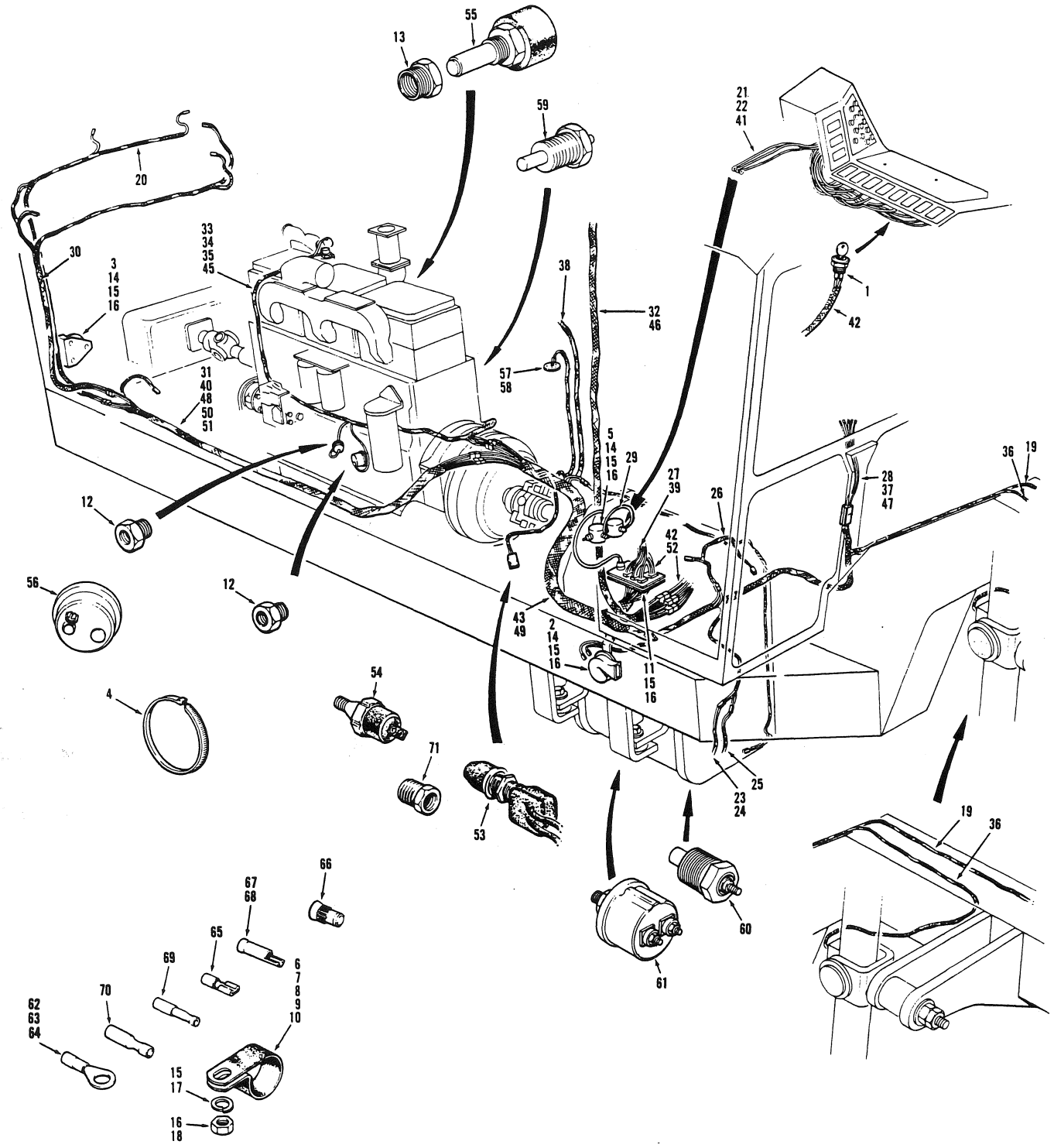
SECTION 10 PAGE 5
SECCION PAGINA

SECTION / SECCION 10 | PAGE / PAGINA 6 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 10

WIRING HARNESS, SENDING UNITS & HORN - 12 VOLT

MAY 1991

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	57171	IGNITION SWITCH & KEYS	1	
2	9685	HORN	1	
3	15201	BACK-UP ALARM	1	
4	15774	PLASTIC TIE	12	
5	55156	SOLENOID - 12 VOLT	2	
	55157	GROUND HARNESS	2	
6	32316	CLIP - 3/8"	8	
7	32317	CLIP - 1/2"	2	
8	32318	CLIP - 3/4"	4	
9	32319	CLIP - 1"	3	
10	32320	CLIP - 1 1/4"	1	
11	48872	ADAPTER PLATE	1	
12	115B-0402	REDUCER	1	
13	115B-0806	REDUCER	2	
14	50A-0408	BOLT	8	
15	14A-04	LOCKWASHER	8	
16	30A-04	NUT	8	
17	14A-06	LOCKWASHER	2	
18	30A-06	NUT	2	
		WIRING HARNESS		
19	28377	HARNESS - FRONT HEADLIGHTS	1	OPTIONAL
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25	28396	HARNESS - FRONT MOUNT WING	1	OPTIONAL
26	32375	HARNESS - HEATER MOTOR	1	
27	57206	HARNESS - GROUND	1	
28	40484	HARNESS - ARTICULATION SWITCH	1	
29	40665	WIRE - SOLENOID TO SOLENOID	1	
30	52705	HARNESS - STOP & REAR TAIL LIGHTS	1	
31	40951	HARNESS - REAR CHASSIS	1	
32	41447	HARNESS - AIR CONDITIONER	1	
33	43692	HARNESS - ENGINE	1	710/710A
34	43693	HARNESS - ENGINE	1	740 thru 780A
35	57604	HARNESS - ENGINE	1	720 thru 730A
36	57736	HARNESS - FLOAT VALVES	1	OPTIONAL
37	57203	HARNESS - DRUM BRAKES - CHASSIS	1	
38	57202	HARNESS - BRAKES - WARNING	1	
39	57212	HARNESS - BRAKES - CONSOLE	1	
40	57215	HARNESS - SUPPLEMENTAL STEERING	1	
41	*39419	HARNESS - INSTRUMENT PANEL POWER	1	
42	57205	HARNESS - INSTRUMENT PANEL	1	
43	57735	HARNESS - MAIN CHASSIS	1	
44	49634	HARNESS - TIRE PUMP	1	
45	57211	HARNESS - ENGINE WARNING	1	
46	51178	HARNESS - UPPER CAB	1	
47	57734	HARNESS - STEERING COLUMN	1	
48	58742	HARNESS - DIFFERENTIAL - LOCK	1	710 thru 730A
	58743	HARNESS - DIFFERENTIAL - LOCK	1	740 thru 780A
49	58610	HARNESS - OIL DISC BRAKES - CHASSIS	1	
50	54393	HARNESS - SUPPLEMENTAL STEERING - BOX	1	
51	54394	HARNESS - SUPPLEMENTAL STEERING - MAIN	1	
		TROPICAL PROTECTIONAL PACKAGE - OPTIONAL		
52	49081	HARNESS - INSTRUMENT PANEL	1	
		SENDING UNITS		
53	56775	BRAKE SWITCH	1	
54	9670	SWITCH - HOUR METER	1	
55	9758	ALARMSTAT	1	OPTIONAL
56	11772	PRESSURE STAT	1	OPTIONAL
57	11785	GASKET - FUEL SENDER	1	
58	52881	FUEL LEVEL	1	
59	28691	COOLANT TEMPERATURE	1	
60	57345	TEMPERATURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
61	15801	OIL PRESSURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
62	130B-03	RING TERMINAL	3	
63	130B-04	RING TERMINAL	1	
64	130C-03	RING TERMINAL	3	
65	131B-04	SPADE TERMINAL	2	
66	132A-00	CLOSED END TERMINAL	1	
67	133B-00	BUTT CONNECTOR	1	
68	133C-00	BUTT CONNECTOR	1	
69	134B-180	MALE BULLET	2	
70	135B-21	FEMALE BULLET	2	
71	115B-1206	REDUCER	1	



CHAMPION ROAD MACHINERY

WIRING HARNESS, SENDING UNITS & HORN - 12 VOLT

NOVEMBER 1991

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 11

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NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21911 & UP

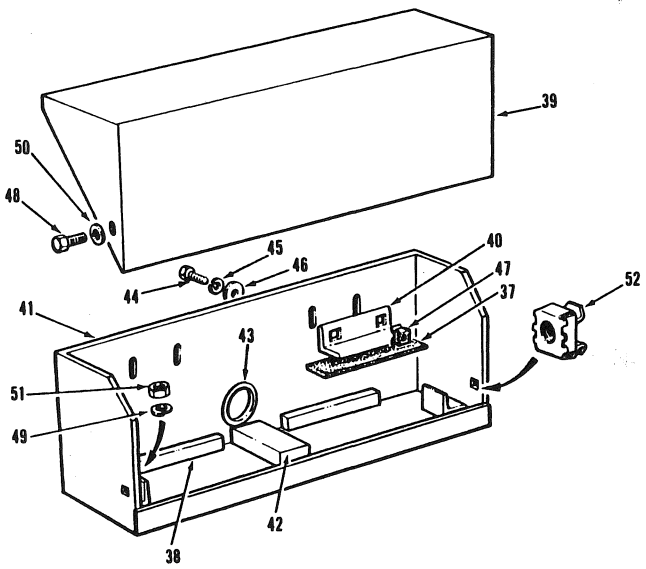
700 SERIES
SERIE 700

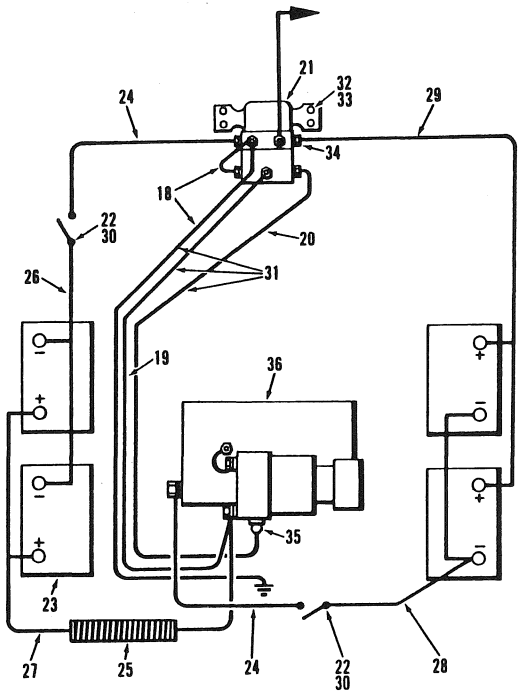
SECTION 10 PAGE 5
SECCION PAGINA

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

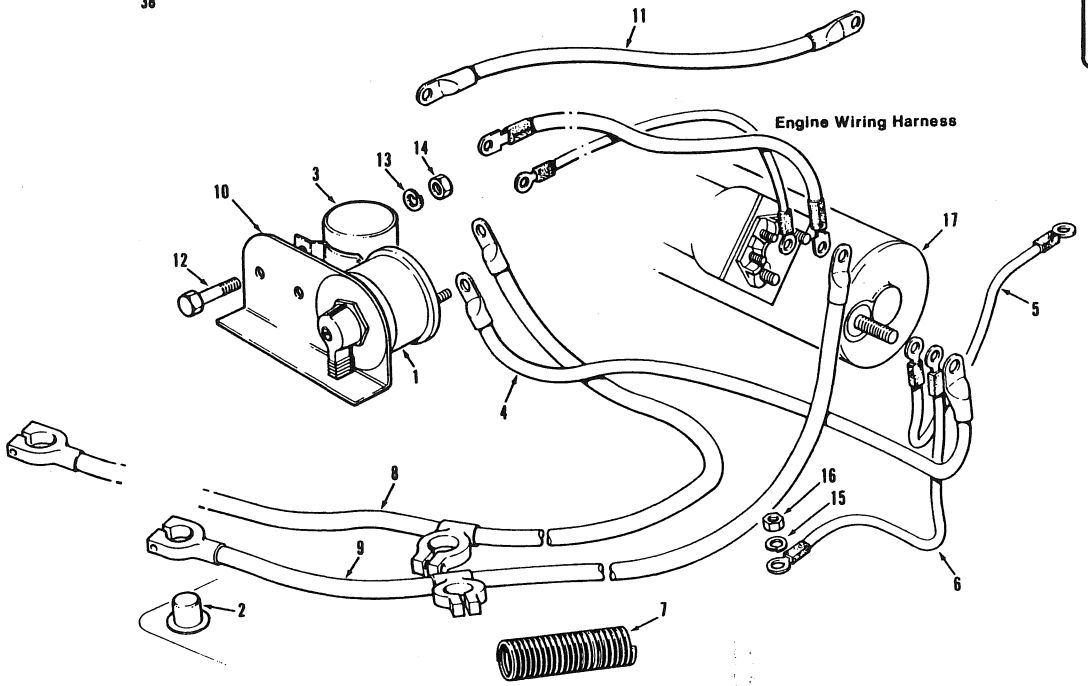
WIRING HARNESS, SENDING UNITS & HORN - 12 VOLT

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
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11	48872	ADAPTER PLATE	1	
12	115B-0402	REDUCER	1	
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16	30A-04	NUT	8	
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18	30A-06	NUT	2	
		WIRING HARNESS		
19	28377	HARNESS - FRONT HEADLIGHTS	1	OPTIONAL
20	52845	HARNESS - BACK-UP LIGHTS	1	
21	28390	HARNESS - 1 WIRE ACCESSORY	1	
22	28391	HARNESS - 2 WIRE ACCESSORY	1	
23	28394	HARNESS - FRONT MOUNT WING	1	OPTIONAL
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25	28396	HARNESS - FRONT MOUNT WING	1	OPTIONAL
26	*65103	HARNESS - HEATER MOTOR	1	
27	57206	HARNESS - GROUND	1	
28	40484	HARNESS - ARTICULATION SWITCH	1	
29	40665	WIRE - SOLENOID TO SOLENOID	1	
30	52705	HARNESS - STOP & REAR TAIL LIGHTS	1	
31	40951	HARNESS - REAR CHASSIS	1	
32	41447	HARNESS - AIR CONDITIONER	1	
33	43692	HARNESS - ENGINE	1	710/710A
34	43693	HARNESS - ENGINE	1	740 thru 780A
35	57604	HARNESS - ENGINE	1	720 thru 730A
36	57736	HARNESS - FLOAT VALVES	1	OPTIONAL
37	*65157	HARNESS - LOWER WINDSHIELD WIPERS	1	
38	57202	HARNESS - BRAKES - WARNING	1	
39	57212	HARNESS - BRAKES - CONSOLE	1	
40	57215	HARNESS - SUPPLEMENTAL STEERING	1	
41	*65200	HARNESS - INSTRUMENT PANEL POWER	1	
42	*65110	HARNESS - INSTRUMENT PANEL	1	
43	*65109	HARNESS - MAIN CHASSIS	1	
45	57211	HARNESS - ENGINE WARNING	1	
46	51178	HARNESS - UPPER CAB	1	
47	57734	HARNESS - STEERING COLUMN	1	
48	58742	HARNESS - DIFFERENTIAL - LOCK	1	710 thru 740A
	58743	HARNESS - DIFFERENTIAL - LOCK	1	750A & 780A
49	58610	HARNESS - OIL DISC BRAKES - CHASSIS	1	
50	54393	HARNESS - SUPPLEMENTAL STEERING - BOX	1	
51	54394	HARNESS - SUPPLEMENTAL STEERING - MAIN	1	
		TROPICAL PROTECTIONAL PACKAGE - OPTIONAL		
52	49081	HARNESS - INSTRUMENT PANEL	1	
		SENDING UNITS		
53	56775	BRAKE SWITCH	1	
54	9670	SWITCH - HOUR METER	1	
55	9758	ALARMSTAT	1	OPTIONAL
56	11772	PRESSURE STAT	1	OPTIONAL
57	11785	GASKET - FUEL SENDER	1	
58	52881	FUEL LEVEL	1	
59	28691	COOLANT TEMPERATURE	1	
60	57345	TEMPERATURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
61	15801	OIL PRESSURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
62	130B-03	RING TERMINAL	3	
63	130B-04	RING TERMINAL	1	
64	130C-03	RING TERMINAL	3	
65	131B-04	SPADE TERMINAL	2	
66	132A-00	CLOSED END TERMINAL	1	
67	133B-00	BUTT CONNECTOR	1	
68	133C-00	BUTT CONNECTOR	1	
69	134B-180	MALE BULLET	2	
70	135B-21	FEMALE BULLET	2	
71	115B-1206	REDUCER	1	





24 VOLT START CIRCUIT



EFFECTIVE SERIAL NUMBER(S) 16224, 16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 10 PAGE 7
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

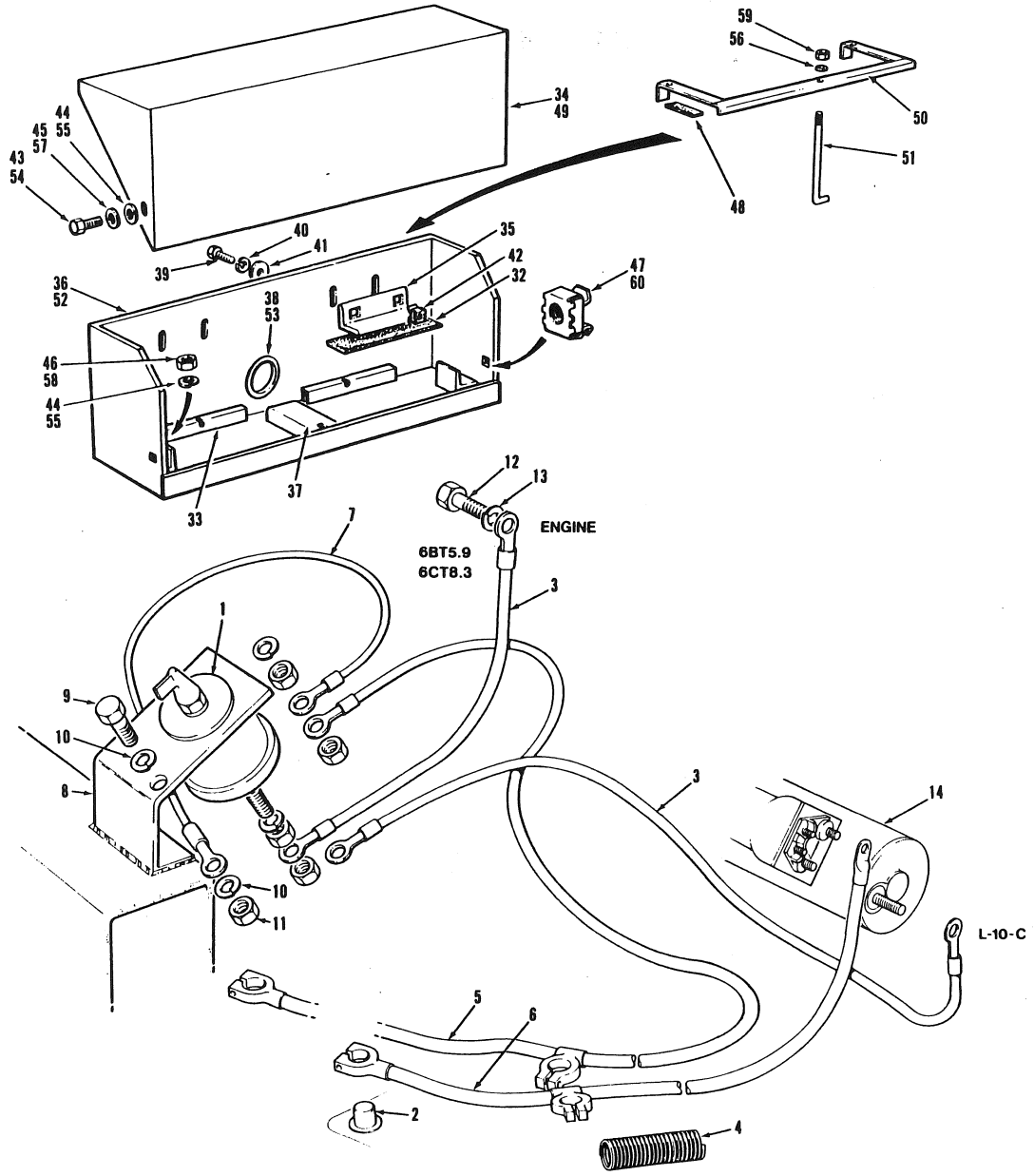
BATTERY INSTALLATION

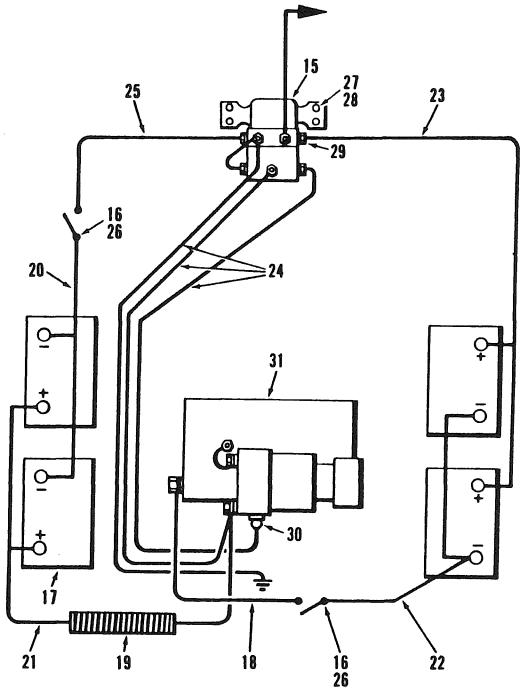
SEPTEMBER 1985

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No.	PART No.	DESCRIPTION	No. REQ.	REMARKS
		12 VOLT START		STANDARD
1	10984	ISOLATION SWITCH	1	
2	19245	BATTERY	2	
3	19725	SOLENOID	1	
4	23185	CABLE	1	
5	24792	GROUND STRAP	1	
6	24793	GROUND STRAP	1	
7	27456	PROTECTOR	1	
8	27769	BATTERY CABLE - NEGATIVE	1	
9	27770	BATTERY CABLE - POSITIVE	1	
10	40518-1	BRACKET	1	
11	41309	GROUND STRAP	1	
12	50A-0408	BOLT	A.R.	
13	14A-04	LOCKWASHER	A.R.	
14	30A-04	NUT	A.R.	
15	14A-08	LOCKWASHER	A.R.	
16	30A-08	NUT	A.R.	
17		STARTER	REF.	SECTION 10 PAGE 10
		24 VOLT START		OPTIONAL
18	1170 X 6	10 Ga. WIRE	A.R.	
19	1170 X 36	10 Ga. WIRE	A.R.	
20	7610 X 36	6 Ga. WIRE	A.R.	
21	8048	SERIES PARALLEL SWITCH	1	
22	10984	ISOLATION SWITCH	2	
23	19245	BATTERY	4	
24	23185	BATTERY CABLE	2	
25	27456	BATTERY CABLE PROTECTION	1	
26	27769	BATTERY CABLE - NEGATIVE	1	
27	27770	BATTERY CABLE - POSITIVE	1	
28	27771	BATTERY CABLE - NEGATIVE	1	
29	27774	BATTERY CABLE - POSITIVE	1	
30	41438-1	BRACKET	2	REPAIR PART
31	41440	WIRING HARNESS - STARTER TO SERIES/PARALLEL SWITCH	1	
32	14A-04	LOCKWASHER	A.R.	
33	30A-04	NUT	A.R.	
34	130B-03	No. 10 RING TERMINAL	A.R.	
35	130B-08	1/2" RING TERMINAL	A.R.	
36		STARTER	REF.	SECTION 10 PAGE 10

No.	PART No.	DESCRIPTION	No. REQ	REMARKS
		BATTERY BOX INSTALLATION		
37	7011 X 6	WEBBING	1	
38	19531	SPACER	1	
39	28114	LID ASSY.	1	
40	35117	HOLD DOWN	2	
41	36900	BATTERY BOX	1	
42	40588	SPACER	2	
43	40839 X 85	TRIM LOK	1	
44	50A-0508	BOLT	A.R.	
45	14A-05	LOCKWASHER	A.R.	
46	14C-05	FLATWASHER	A.R.	
47	38A-0503	CAGENUT	A.R.	
48	50A-0608	BOLT	A.R.	
49	14A-06	LOCKWASHER	A.R.	
50	14C-06	FLATWASHER	A.R.	
51	30A-06	NUT	A.R.	
52	38A-0603	CAGENUT	A.R.	





24 VOLT START CIRCUIT

EFFECTIVE SERIAL NUMBER(S) 17490 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2572-2 & UP

700 SERIES
SERIE 700

SECTION 10 PAGE 7
SECCION PAGINA

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION A

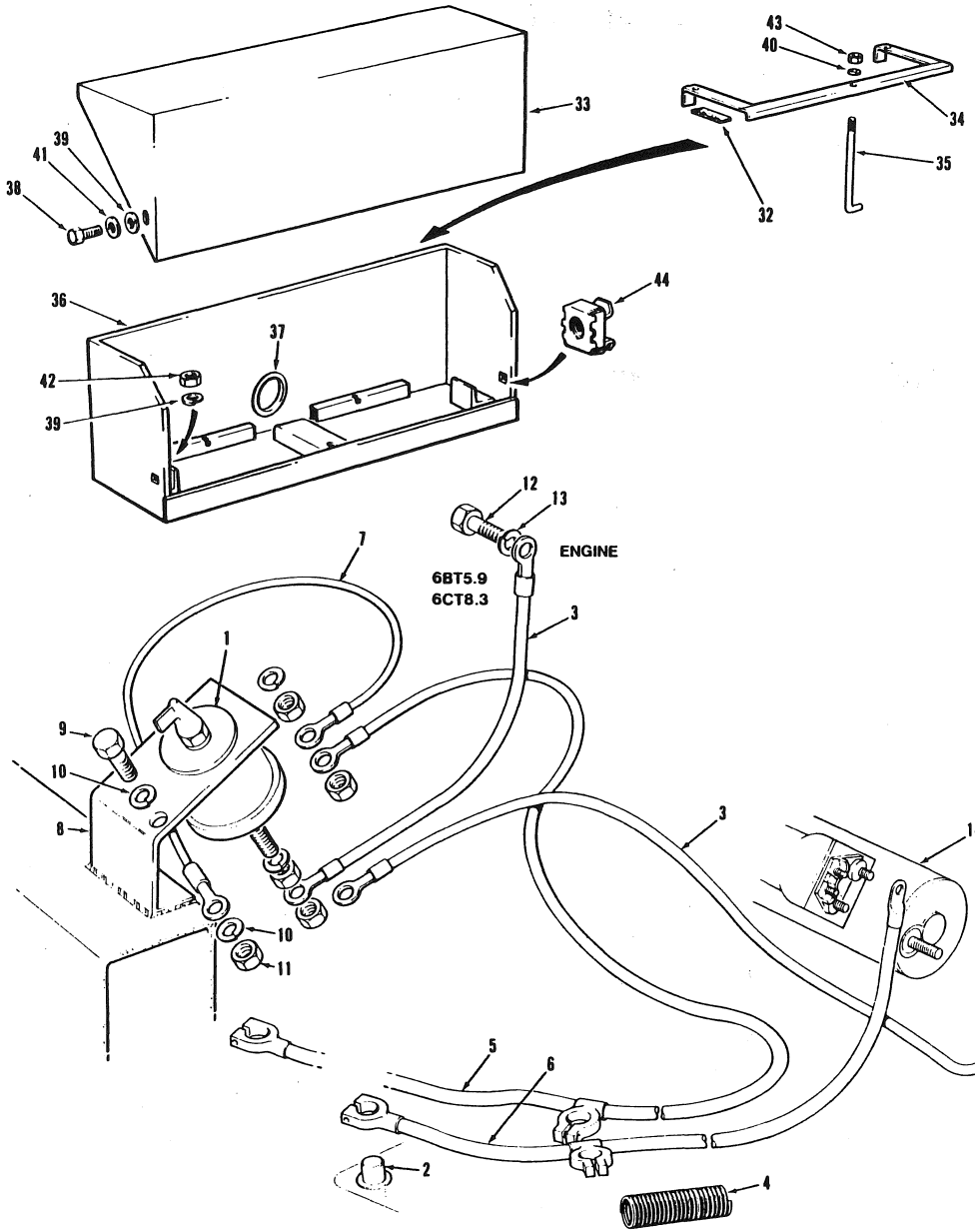
BATTERY INSTALLATION

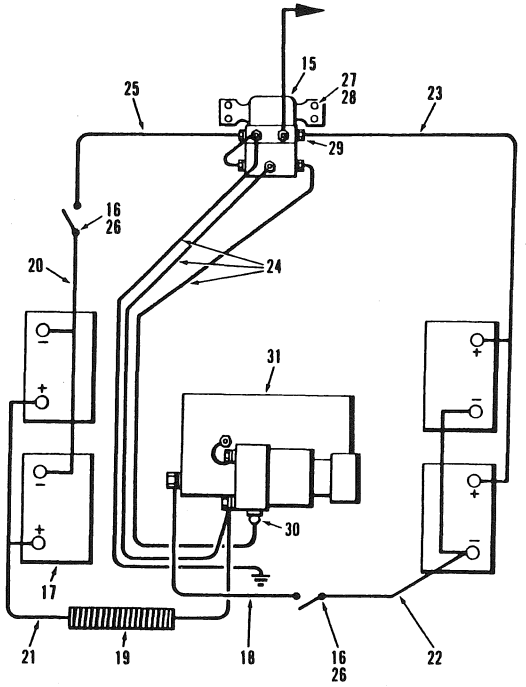
JUNE 1987

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		12 VOLT START		STANDARD
1	10984	ISOLATION SWITCH	1	
2	19245	BATTERY	2	
3	23185	CABLE	1	
4	27456	PROTECTOR	1	
5	27769	BATTERY CABLE - NEGATIVE	1	
6	27770	BATTERY CABLE - POSITIVE	1	
7	41309	GROUND STRAP	1	
8	43955-1	BRACKET	1	REPAIR PART
9	*50A-0404	BOLT	1	
10	14A-04	LOCKWASHER	2	
11	30A-04	NUT	1	
12	350A-12020	BOLT	1	6BT5.9 & 6CT8.3
13	314A-12	LOCKWASHER	1	
14		STARTER	REF.	SECTION 10 PAGE 10
		24 VOLT START		OPTIONAL
15	8048	SERIES PARALLEL SWITCH	1	
16	10984	ISOLATION SWITCH	2	
17	19245	BATTERY	4	
18	23185	BATTERY CABLE	1	
19	27456	PROTECTOR	1	
20	27769	BATTERY CABLE - NEGATIVE	1	
21	27770	BATTERY CABLE - POSITIVE	1	
22	27771	BATTERY CABLE - NEGATIVE	1	
23	27774	BATTERY CABLE - POSITIVE	1	
24	41440	WIRING HARNESS	1	
25	41653	BATTERY CABLE	1	
26	43960-1	BRACKET	2	REPAIR PART
27	14A-04	LOCKWASHER	1	
28	30A-04	NUT	1	
29	130B-03	RING TERMINAL	A.R.	
30	130B-08	RING TERMINAL	A.R.	
31		STARTER	REF.	SECTION 10 PAGE 10

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		BATTERY BOX INSTALLATION		
32	7011 X 6	WEBBING	6	
33	19531	SPACER	2	
34	28114	LID	1	
35	35117	HOLD DOWN	2	
36	36900	BATTERY BOX	1	
37	40588	SPACER	1	
38	40839 X 8.5	TRIM LOK	1	
39	50A-0508	BOLT	4	
40	14A-05	LOCKWASHER	4	
41	14C-05	FLATWASHER	4	
42	38A-0503	CAGENUT	4	
43	50A-0608	BOLT	2	
44	14A-06	LOCKWASHER	4	
45	14C-06	FLATWASHER	2	
46	30A-06	NUT	4	
47	*38A-0602	CAGENUT	2	
		TROPICAL PROTECTION PACKAGE - OPTIONAL		
48	7011 X 6	WEBBING	6	
49	28114	LID	1	
50	*44841	HOLD DOWN	1	
51	*44842	HOLD DOWN RODS	3	
52	*44859	BATTERY BOX	1	
53	40839 X 8.5	TRIM LOK	1	
54	50A-0608	BOLT	2	
55	14A-06	LOCKWASHER	4	
56	*14C-04	FLATWASHER	3	
57	14C-06	FLATWASHER	2	
58	30A-06	NUT	4	
59	*36D-04	NUT	3	
60	38A-0602	CAGENUT	2	





24 VOLT START CIRCUIT

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

BATTERY INSTALLATION

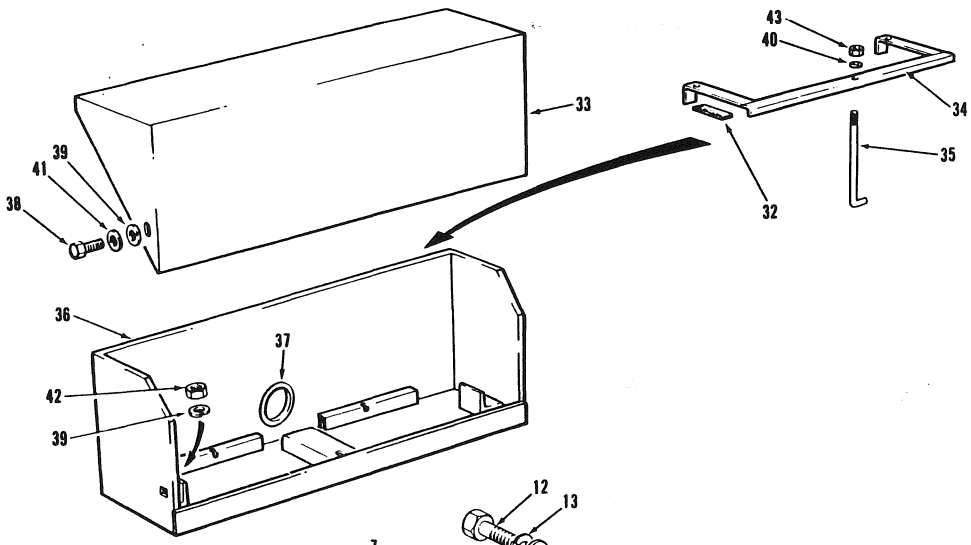
JUNE 1988

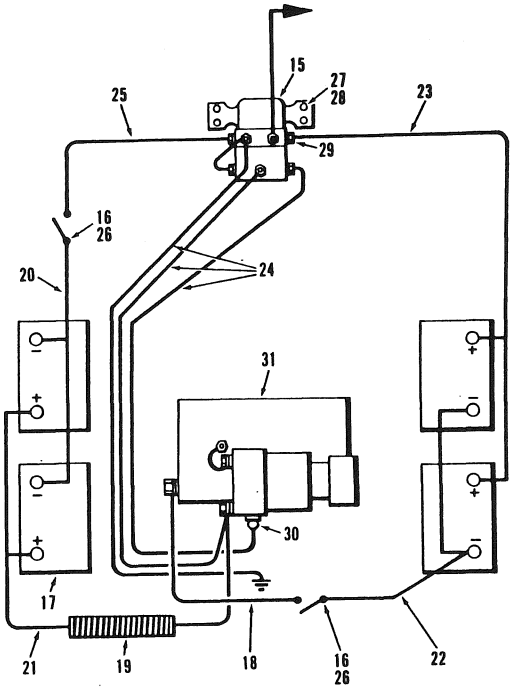
FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

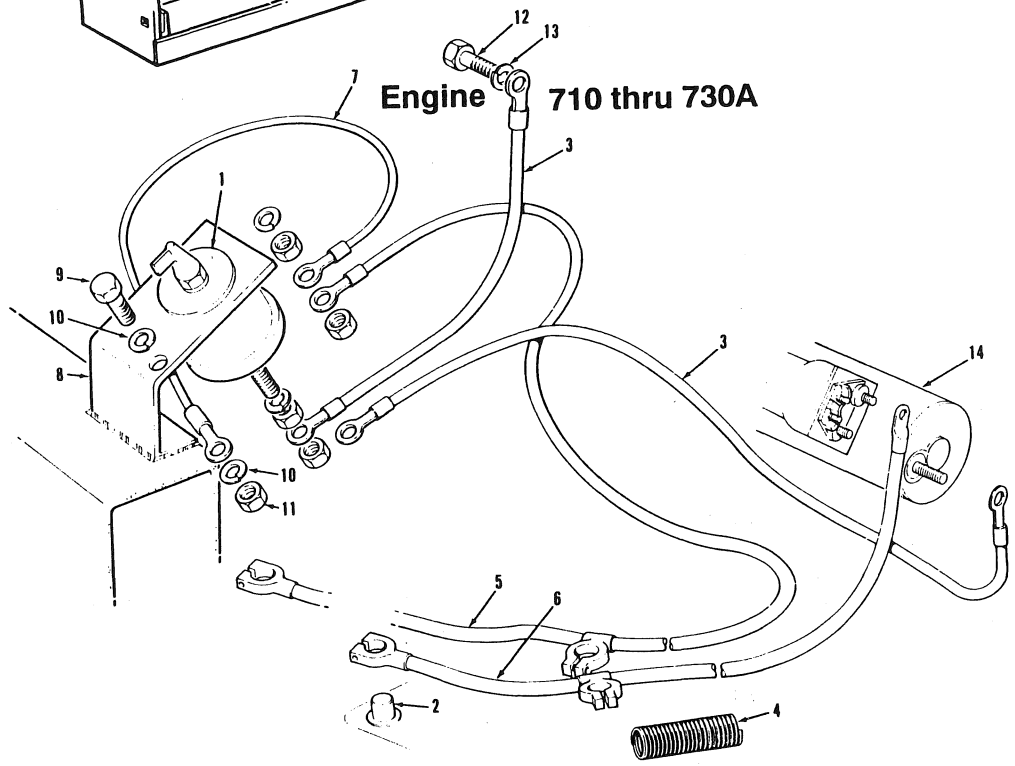
No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		12 VOLT START		STANDARD
1	10984	ISOLATION SWITCH	1	
2	19245	BATTERY	2	
3	23185	CABLE	1	
4	27456	PROTECTOR	1	
5	27769	BATTERY CABLE - NEGATIVE	1	
6	27770	BATTERY CABLE - POSITIVE	1	
7	41309	GROUND STRAP	1	
8	43955-1	BRACKET	1	REPAIR PART
9	50A-0408	BOLT	1	
10	14A-04	LOCKWASHER	2	
11	30A-04	NUT	1	
12	350A-12020	BOLT	1	6BT5.9 & 6CT8.3
13	314A-12	LOCKWASHER	1	6BT5.9 & 6CT8.3
14		STARTER	REF.	SECTION 10 PAGE 10
		24 VOLT START		OPTIONAL
15	8048	SERIES PARALLEL SWITCH	1	
16	10984	ISOLATION SWITCH	2	
17	19245	BATTERY	4	
18	23185	BATTERY CABLE	1	
19	27456	PROTECTOR	1	
20	27769	BATTERY CABLE - NEGATIVE	1	
21	27770	BATTERY CABLE - POSITIVE	1	
22	27771	BATTERY CABLE - NEGATIVE	1	
23	27774	BATTERY CABLE - POSITIVE	1	
24	41440	WIRING HARNESS	1	
25	41653	BATTERY CABLE	1	
26	43960-1	BRACKET	2	REPAIR PART
27	14A-04	LOCKWASHER	1	
28	30A-04	NUT	1	
29	130B-03	RING TERMINAL	A.R.	
30	130B-08	RING TERMINAL	A.R.	
31		STARTER	REF.	SECTION 10 PAGE 10

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		BATTERY BOX INSTALLATION		
32	7011 X 6	WEBBING	6	
33	28114	LID	1	
34	44841	HOLD DOWN	1	
35	44842	HOLD DOWN RODS	3	
36	44859	BATTERY BOX	1	
37	40839 X 8.5	TRIM LOK	1	
38	50A-0608	BOLT	2	
39	14A-06	LOCKWASHER	6	
40	14C-04	FLATWASHER	3	
41	14C-06	FLATWASHER	2	
42	30A-06	NUT	4	
43	36D-04	NUT	3	
44	38A-0602	CAGENUT	2	





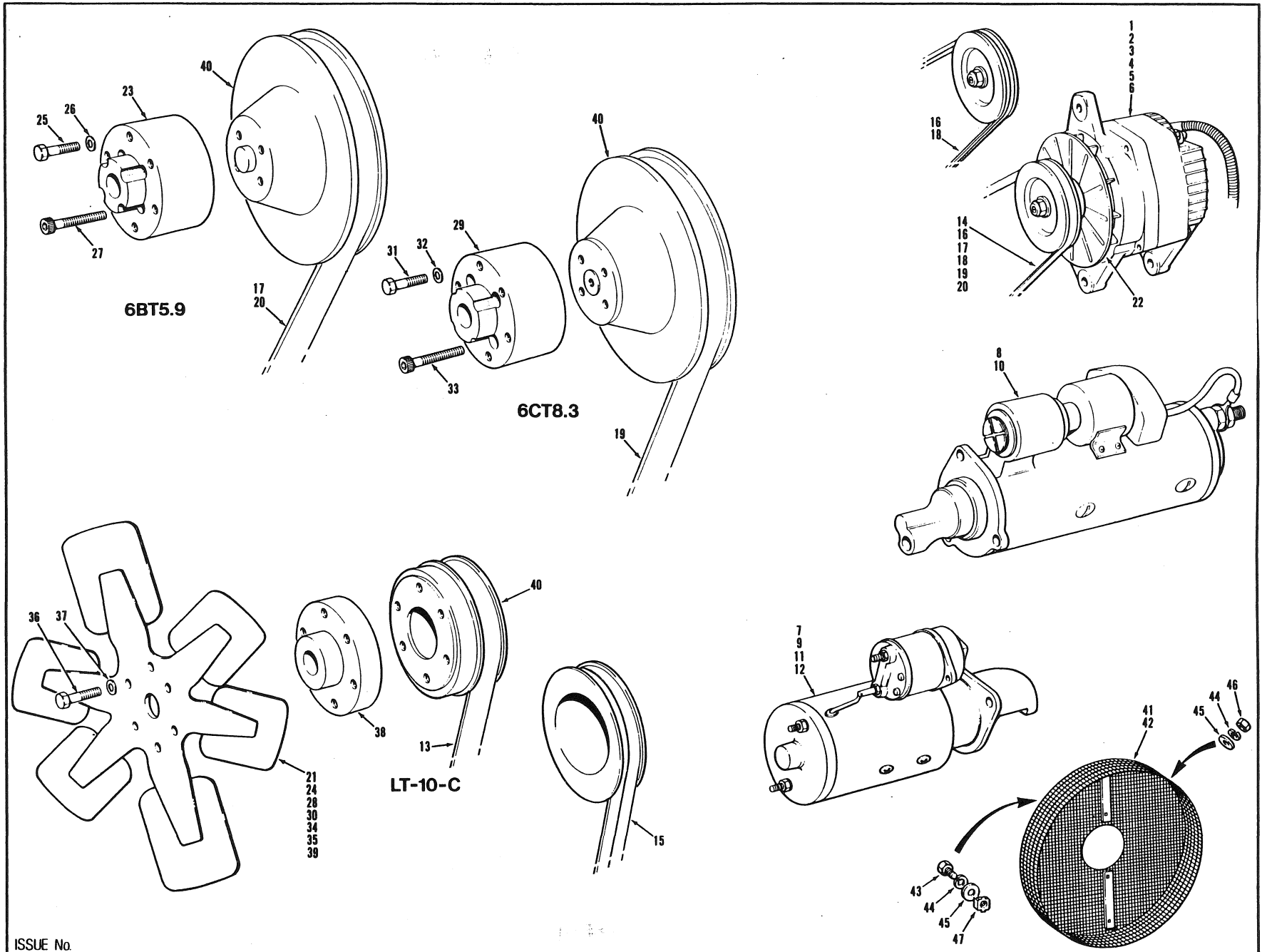
24 Volt Start Circuit



USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		12 VOLT START		STANDARD
1	10984	ISOLATION SWITCH	1	
2	*52924	BATTERY	2	710 thru 730A
	*52925	BATTERY	2	740 thru 780A
3	23185	CABLE	1	
4	27456	PROTECTOR	1	
5	27769	BATTERY CABLE - NEGATIVE	1	
6	27770	BATTERY CABLE - POSITIVE	1	
7	*57070	GROUND STRAP	1	
8	*51594	BRACKET	1	Repair Part
9	*50A-0508	BOLT	1	
10	*14A-05	LOCKWASHER	2	
11	*30A-05	NUT	1	
12	350A-12020	BOLT	1	710 thru 730A
13	314A-12	LOCKWASHER	1	
14		STARTER	REF.	SECT. 10 PG. 9
		24 VOLT START		
15	8048	SERIES PARALLEL SWITCH	1	
16	10984	ISOLATION SWITCH	2	
17	*52924	BATTERY	4	
18	23185	BATTERY CABLE	4	
19	27456	PROTECTOR	1	
20	27769	BATTERY CABLE - NEGATIVE	1	
21	27770	BATTERY CABLE - POSITIVE	1	
22	27771	BATTERY CABLE - NEGATIVE	1	
23	27774	BATTERY CABLE - POSITIVE	1	
24	41440	WIRING HARNESS	1	
25	41653	BATTERY CABLE	1	
26	*51621	BRACKET	2	Repair Part
27	14A-04	LOCKWASHER	1	
28	30A-04	NUT	1	
29	130B-03	RING TERMINAL	1	
30	130B-08	RING TERMINAL	1	
31		STARTER	REF.	SECT. 10 PG. 9

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		BATTERY BOX INSTALLATION		
32	7011 x 6	WEBBING	6	
33	28114	LID	1	
34	44841	HOLD DOWN	1	
35	44842	HOLD DOWN RODS	3	
36	44859	BATTERY BOX	1	
37	40839 x 8.5	TRIM LOK	1	
38	50A-0508	BOLT	2	
39	14A-06	LOCKWASHER	6	
40	14C-04	FLATWASHER	3	
41	14C-06	FLATWASHER	2	
42	30A-06	NUT	4	
43	36D-04	NUT	3	



USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 to 2658-2

16224, 16245 & UP

700 SERIES
SERIE 700

SECTION 10 PAGE 9
SECCION 10 PAGINA 9

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION F

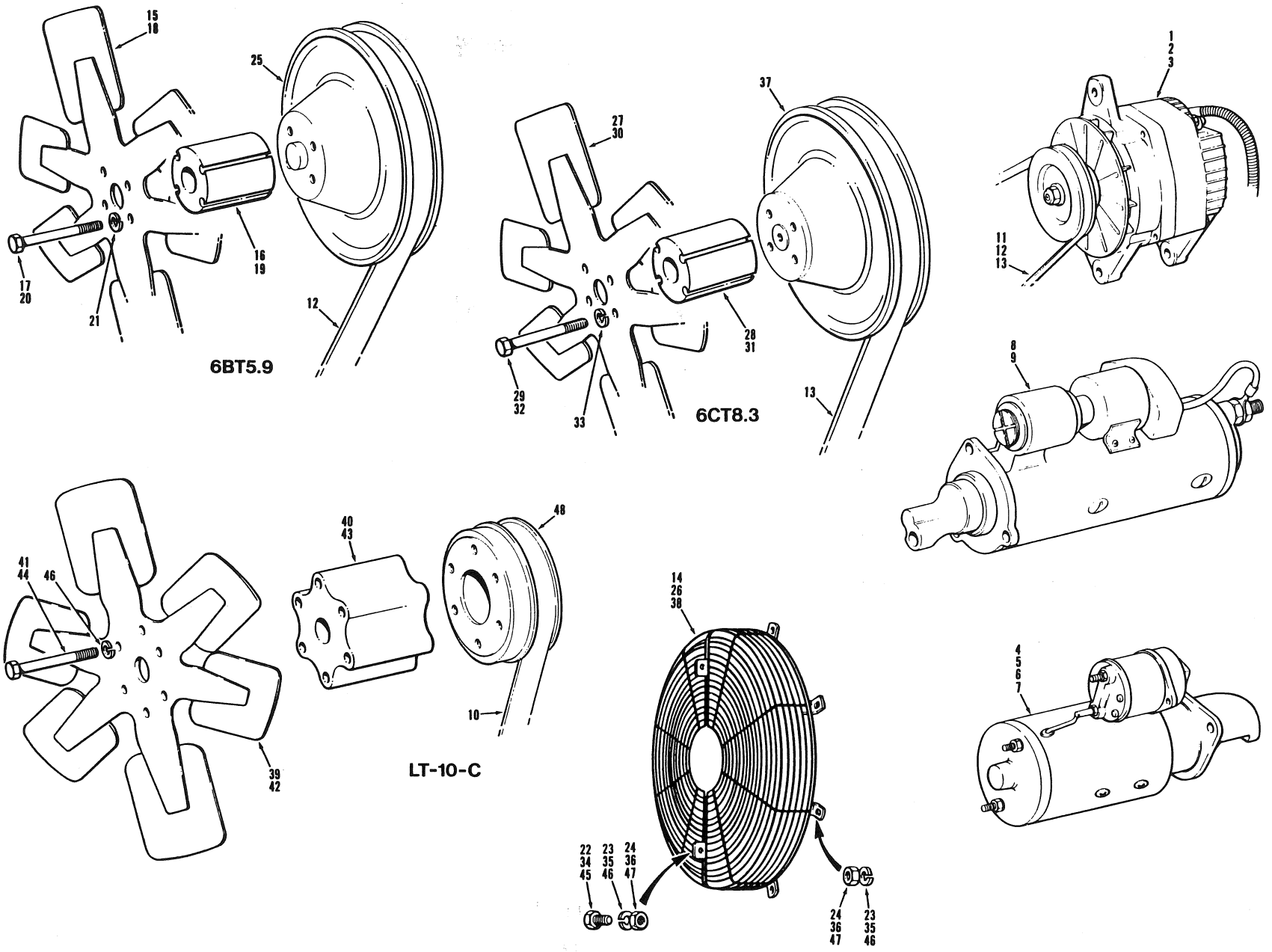
STARTERS, ALTERNATORS, BELTS, FANS & ADAPTERS

JULY 1989

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		ALTERNATORS		
1	14738	ALTERNATOR - 12 VOLT - 65 AMP.	1	6BT5.9
2	23781	ALTERNATOR - 24 VOLT - 105 AMP.	1	
3	32282	ALTERNATOR - 12 VOLT - 90 AMP.	1	720 thru 780A
4	42094	ALTERNATOR - 12 VOLT - 105 AMP. (OPTIONAL)	1	6BT5.9
5	32678	BLOCKING DIODE - 105 AMP	1	
6	42860	ALTERNTOR - 24 VOLT - 45 AMP.	1	
		STARTERS		
7	40195	STARTER - 12 VOLT	1	6BT5.9
8	40923	STARTER - 12 VOLT	1	LT-10-C V/VT-504-C
9	46472	STARTER - 12 VOLT	1	6CT8.3
10	40924	STARTER - 24 VOLT	1	LT-10-C V/VT-504-C
11	40778	STARTER - 24 VOLT	1	6BT5.9
12	*48517	STARTER - 24 VOLT	1	6CT8.3
		BELTS		
13	37109	BELT - FAN	1	LT-10-C
14	37110	BELT - ALTERNATOR	1	LT-10-C
15	37111	BELT - FAN	2	V/VT-504-C
16	37112	BELT - ALTERNATOR	2	V-504-C
17	37114	BELT - FAN/ALTERNATOR	1	6BT5.9
18	37157	BELT - ALTERNATOR	2	VT-504-C
19	37395	BELT - FAN/ALTERNATOR	1	6CT8.3
20	43119	BELT - FAN/ALTERNATOR - 105 AMP.	1	6BT5.9

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		FANS & ADAPTERS		
21	41963	FAN - SUCKER	1	
22	43498	FAN - USED WITH 105 AMP. ALTERNATOR	1	
23	43805	ADAPTER	1	
24	50057	FAN - BLOWER	1	6BT5.9
25	50A-0610	BOLT	6	
26	14A-06	LOCKWASHER	6	
27	350D-08050	CAPSCREW	4	
28	41963	FAN - SUCKER	1	
29	43804	ADAPTER - FOR SUCKER FAN OR BLOWER FAN C/W AIR CONDITIONER	1	
30	50057	FAN - BLOWER	1	6CT8.3
31	50A-0610	BOLT	6	
32	14A-06	LOCKWASHER	6	
33	350D-10050	CAPSCREW	4	
34	42541	FAN - SUCKER	1	
35	44744	FAN - BLOWER	1	
36	50A-0624	BOLT	6	LT-10-C
37	14A-06	LOCKWASHER	6	
38		ADAPTER (SEE ENGINE MANUAL)	1	
39		FAN (SEE ENGINE MANUAL)	1	V/VT-504-C
40		PULLEY	REF.	ENGINE MANUAL
		FAN GUARD INSTALLATION		
41	*44747	FAN GUARD	1	LT-10-C
42	*45458	FAN GUARD	1	6BT5.9, 6CT8.3
43	*50A-0506	BOLT	4	
44	*14A-05	LOCKWASHER	8	
45	*14C-05	FLATWASHER	8	
46	*30A-05	NUT	4	
47	*38A-0502	CAGE NUT	4	



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

19982, 19984, 19985, 19996, 20005, 20227 to 20232, 20265 to 20375, 20383 & UP

700 SERIES
SERIE 700

SECTION 10 PAGE 9
SECCION 10 PAGINA 9

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

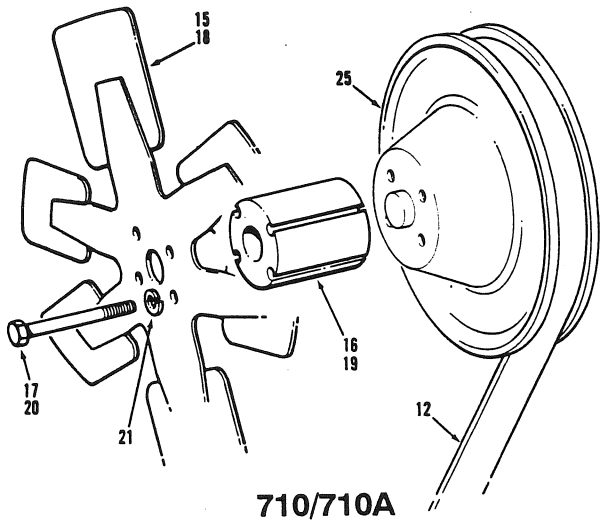
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2

STARTERS, ALTERNATORS, BELTS, FANS & ADAPTERS

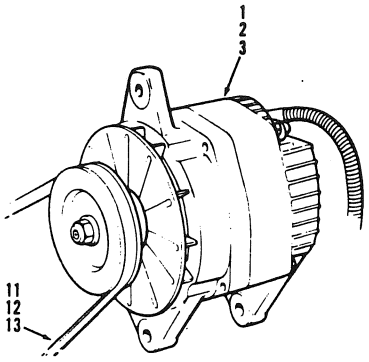
FEBRUARY 1990

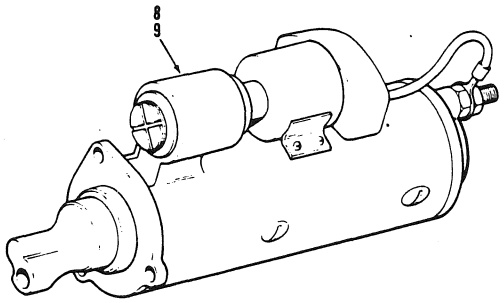
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

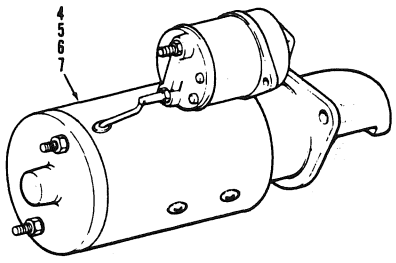
No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		ALTERNATORS		
1	32282	ALTERNATOR - 12 VOLT - 90 AMP	1	720 thru 780A
2	42860	ALTERNATOR - 24 VOLT - 45 AMP	1	
3	*54960	ALTERNATOR - 12 VOLT - 100 AMP	1	710/710A
		STARTERS		
4	40195	STARTER - 12 VOLT	1	710/710A
5	40778	STARTER - 24 VOLT	1	710/710A
6	46472	STARTER - 12 VOLT	1	720 thru 730A
7	48517	STARTER - 24 VOLT	1	720 thru 730A
8	40923	STARTER - 12 VOLT	1	740 thru 780A
9	40924	STARTER - 24 VOLT	1	740 thru 780A
		BELTS		
10	37109	BELT - FAN	1	740 thru 780A
11	37110	BELT - ALTERNATOR	1	740 thru 780A
12	37114	BELT - FAN/ALTERNATOR	1	710/710A
13	37395	BELT - FAN/ALTERNTOR	1	720 thru 730A
		FANS & ADAPTERS		
14	*52680	FAN GUARD	2	
15	*52692	FAN - BLOWER	1	
16	*52896	SPACER - BLOWER	1	
17	*350A-08090	BOLT - BLOWER	4	
18	*52694	FAN SUCKER	1	710/710A
19	*52897	SPACER - SUCKER	1	
20	*350A-08110	BOLT - SUCKER	4	
21	*314A-08	LOCKWASHER	4	
22	*50A-0608	BOLT	2	
23	*14A-06	LOCKWASHER	10	
24	*30A-06	NUT	10	
25		PULLEY	REF.	ENGINE MANUAL
26	*52680	FAN GUARD	2	
27	*52692	FAN - BLOWER	1	
28	*52898	SPACER - BLOWER	1	
29	*350A-10090	BOLT - BLOWER	4	
30	*52694	FAN - SUCKER	1	720 thru 730A
31	52899	SPACER - SUCKER	1	
32	*350A-10110	BOLT - SUCKER	4	
33	*314A-10	LOCKWASHER	4	
34	*50A-0608	BOLT	2	
35	*14A-06	LOCKWASHER	10	
36	*30A-06	NUT	10	
37		PULLEY	REF.	ENGINE MANUAL
38	*52681	FAN GUARD	2	
39	*52693	FAN - BLOWER	1	
40	*52900	SPACER - BLOWER	1	
41	*50A-0624	BOLT - BLOWER	6	
42	*52695	FAN - SUCKER	1	740 thru 780A
43	*52901	SPACER - SUCKER	1	
44	*50A-0636	BOLT - SUCKER	6	
45	*50A-0608	BOLT	2	
46	*14A-06	LOCKWASHER	16	
47	*30A-06	NUT	10	
48		PULLEY	REF.	ENGINE MANUAL

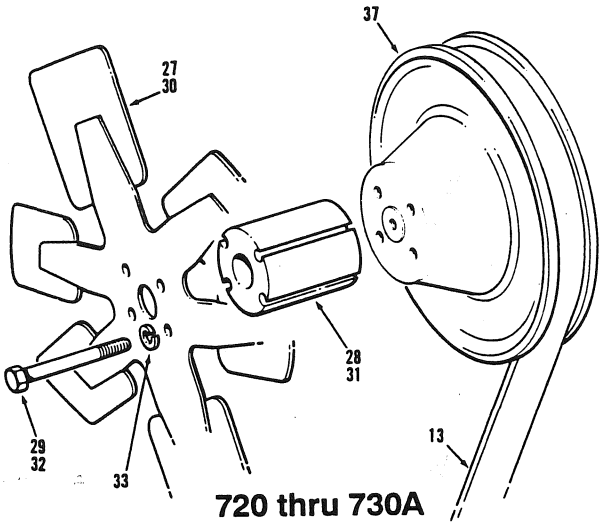


710/710A

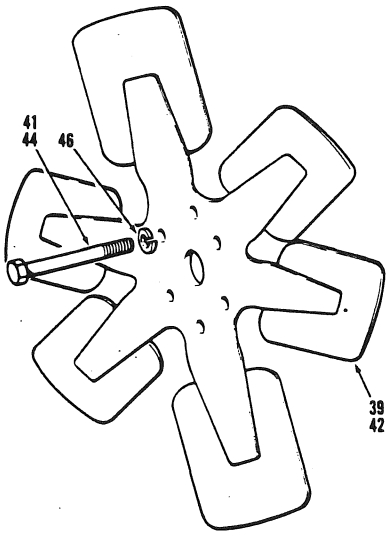


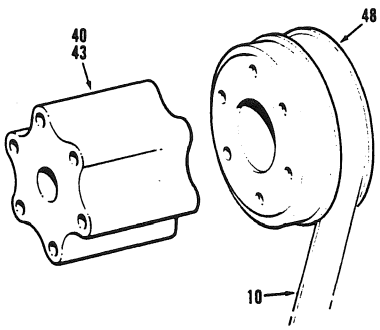




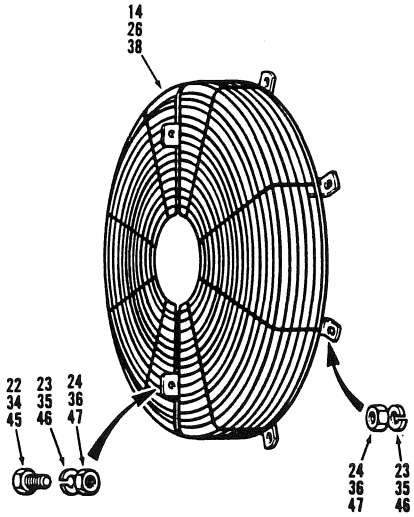


720 thru 730A





740 thru 780A



JULY 1991

STARTERS, ALTERNATORS, BELTS, FANS & ADAPTERS

3 REVISION A

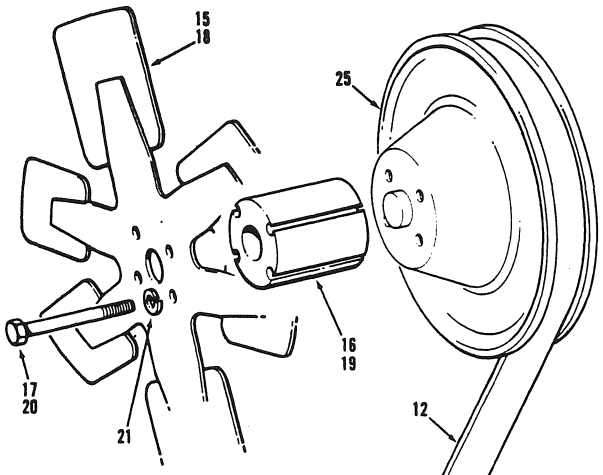
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

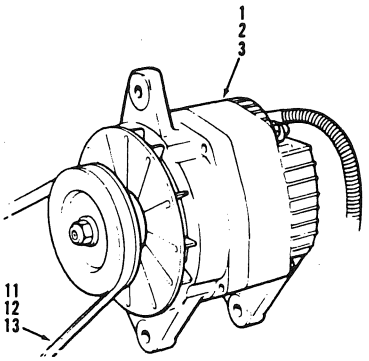
EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

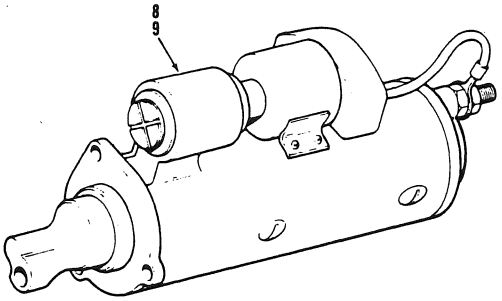
21003 to 21164
INCLUDING 21176

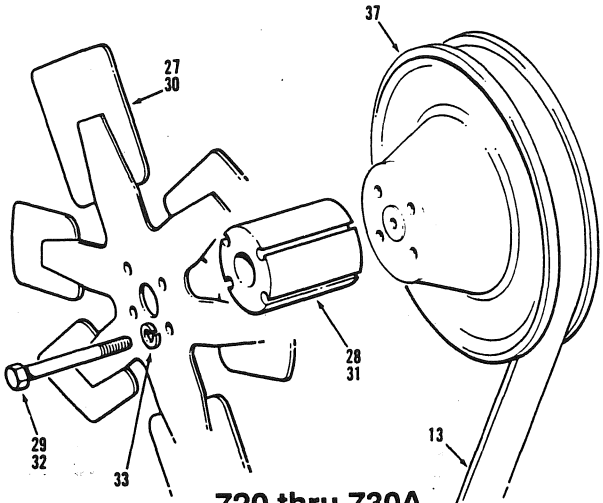
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		ALTERNATORS		
1	*57327	ALTERNATOR - 12 VOLT - 105 AMP	1	720 thru 780A
2	42860	ALTERNATOR - 24 VOLT - 45 AMP	1	
3	54960	ALTERNATOR - 12 VOLT - 100 AMP	1	710/710A
		STARTERS		
4	40195	STARTER - 12 VOLT	1	710/710A
5	40778	STARTER - 24 VOLT	1	710/710A
6	46472	STARTER - 12 VOLT	1	720 thru 730A
7	48517	STARTER - 24 VOLT	1	720 thru 730A
8	40923	STARTER - 12 VOLT	1	740 thru 780A
9	40924	STARTER - 24 VOLT	1	740 thru 780A
		BELTS		
10	37109	BELT - FAN	1	740 thru 780A
11	37110	BELT - ALTERNATOR	1	740 thru 780A
12	37114	BELT - FAN/ALTERNATOR	1	710/710A
13	37395	BELT - FAN/ALTERNTOR	1	720 thru 730A
		FANS & ADAPTERS		
14	52680	FAN GUARD	2	
15	52692	FAN - BLOWER	1	
16	52896	SPACER - BLOWER	1	
17	350A-08090	BOLT - BLOWER	4	
18	52694	FAN SUCKER	1	710/710A
19	52897	SPACER - SUCKER	1	
20	350A-08110	BOLT - SUCKER	4	
21	314A-08	LOCKWASHER	4	
22	50A-0608	BOLT	2	
23	14A-06	LOCKWASHER	10	
24	30A-06	NUT	10	
25		PULLEY	REF.	ENGINE MANUAL
26	52680	FAN GUARD	2	
27	52692	FAN - BLOWER	1	
28	52898	SPACER - BLOWER	1	
29	350A-10090	BOLT - BLOWER	4	
30	52694	FAN - SUCKER	1	720 thru 730A
31	52899	SPACER - SUCKER	1	
32	350A-10110	BOLT - SUCKER	4	
33	314A-10	LOCKWASHER	4	
34	50A-0608	BOLT	2	
35	14A-06	LOCKWASHER	10	
36	30A-06	NUT	10	
37		PULLEY	REF.	ENGINE MANUAL
38	52681	FAN GUARD	2	
39	52693	FAN - BLOWER	1	
40	52900	SPACER - BLOWER	1	
41	50A-0624	BOLT - BLOWER	6	
42	52695	FAN - SUCKER	1	740 thru 780A
43	52901	SPACER - SUCKER	1	
44	50A-0636	BOLT - SUCKER	6	
45	50A-0608	BOLT	2	
46	14A-06	LOCKWASHER	16	
47	30A-06	NUT	10	
48		PULLEY	REF.	ENGINE MANUAL



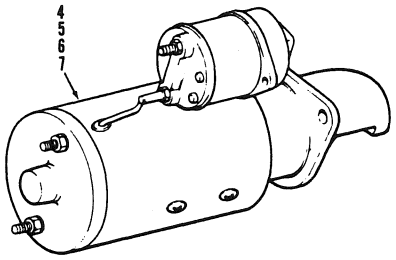
710/710A

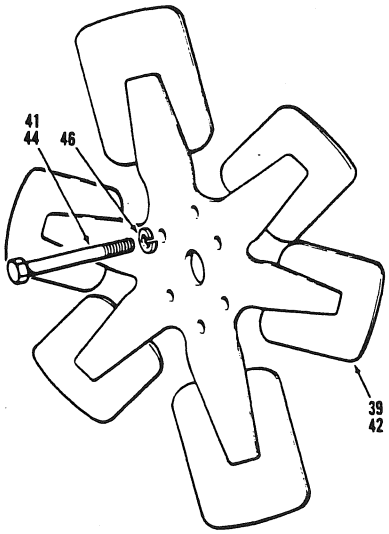


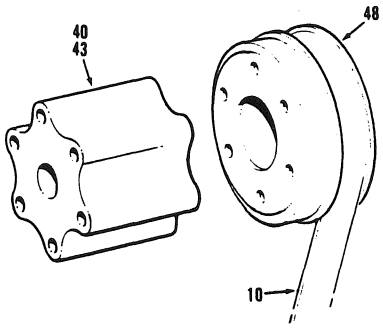




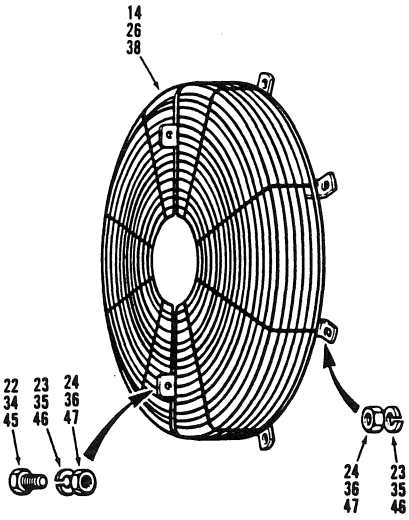
720 thru 730A







740 thru 780A



JULY 1991

STARTERS, ALTERNATORS, BELTS, FANS & ADAPTERS

4 REVISION A

ISSUE No.
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Nº DE EDICION

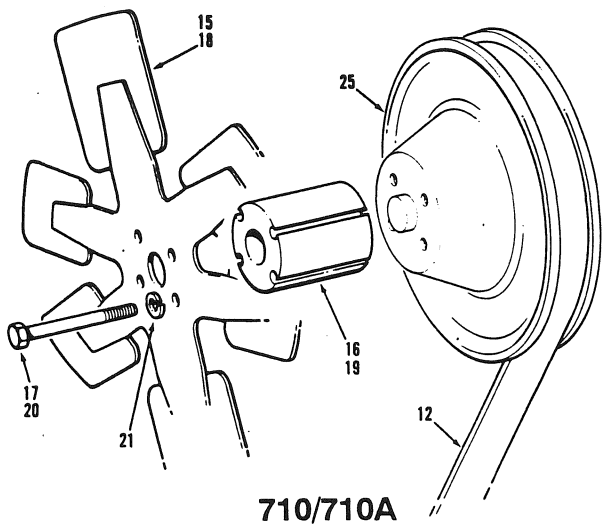
FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

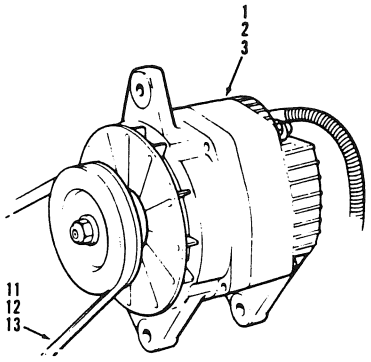
Models 710 thru 730A
21165 to 21478
EXCEPT 21176

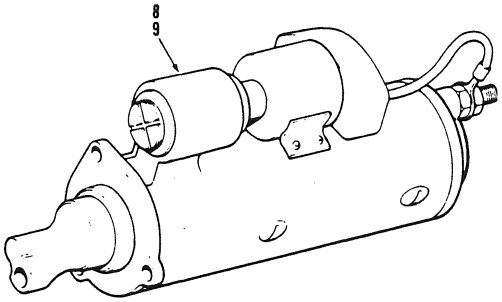
Models 740 thru 780A
21166 to 21279

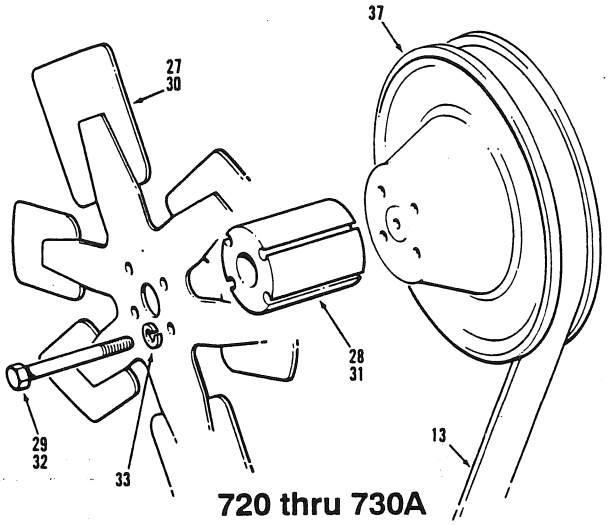
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		ALTERNATORS		
1	*57327	ALTERNATOR - 12 VOLT - 105 AMP	1	720 thru 780A
2	42860	ALTERNATOR - 24 VOLT - 45 AMP	1	
3	54960	ALTERNATOR - 12 VOLT - 100 AMP	1	710/710A
		STARTERS		
4	57014	STARTER - 12 VOLT	1	710/710A
5	40778	STARTER - 24 VOLT	1	710/710A
6	46472	STARTER - 12 VOLT	1	720 thru 730A
7	48517	STARTER - 24 VOLT	1	720 thru 730A
8	40923	STARTER - 12 VOLT	1	740 thru 780A
9	40924	STARTER - 24 VOLT	1	740 thru 780A
		BELTS		
10	37109	BELT - FAN	1	740 thru 780A
11	37110	BELT - ALTERNATOR	1	740 thru 780A
12	37114	BELT - FAN/ALTERNATOR	1	710/710A
13	37395	BELT - FAN/ALTERNTOR	1	720 thru 730A
		FANS & ADAPTERS		
14	52680	FAN GUARD	2	
15	52692	FAN - BLOWER	1	
16	52896	SPACER - BLOWER	1	
17	350A-08090	BOLT - BLOWER	4	
18	52694	FAN SUCKER	1	710/710A
19	52897	SPACER - SUCKER	1	
20	350A-08110	BOLT - SUCKER	4	
21	314A-08	LOCKWASHER	4	
22	50A-0608	BOLT	2	
23	14A-06	LOCKWASHER	10	
24	30A-06	NUT	10	
25		PULLEY	REF.	ENGINE MANUAL
26	52680	FAN GUARD	2	
27	52692	FAN - BLOWER	1	
28	52898	SPACER - BLOWER	1	
29	350A-10090	BOLT - BLOWER	4	
30	52694	FAN - SUCKER	1	720 thru 730A
31	52899	SPACER - SUCKER	1	
32	350A-10110	BOLT - SUCKER	4	
33	314A-10	LOCKWASHER	4	
34	50A-0608	BOLT	2	
35	14A-06	LOCKWASHER	10	
36	30A-06	NUT	10	
37		PULLEY	REF.	ENGINE MANUAL
38	52681	FAN GUARD	2	
39	52693	FAN - BLOWER	1	
40	52900	SPACER - BLOWER	1	
41	50A-0624	BOLT - BLOWER	6	
42	52695	FAN - SUCKER	1	740 thru 780A
43	52901	SPACER - SUCKER	1	
44	50A-0636	BOLT - SUCKER	6	
45	50A-0608	BOLT	2	
46	14A-06	LOCKWASHER	16	
47	30A-06	NUT	10	
48		PULLEY	REF.	ENGINE MANUAL



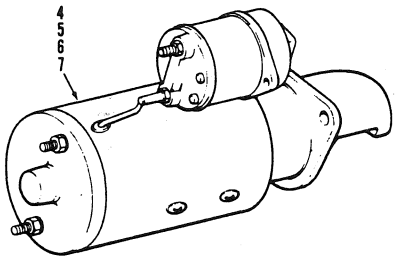
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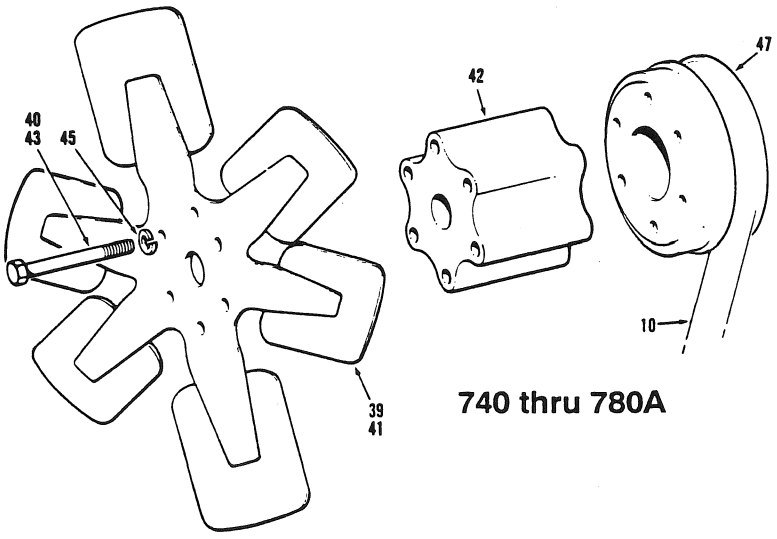




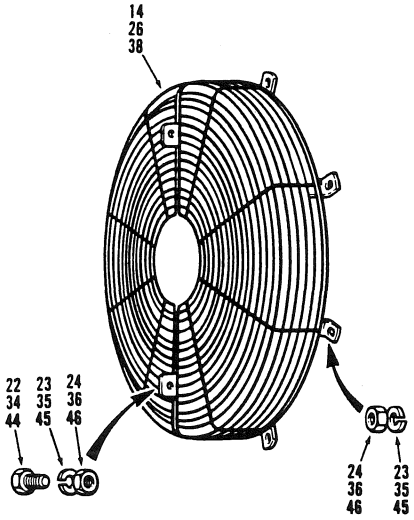


720 thru 730A





740 thru 780A



CHAMPION ROAD MACHINERY

STARTERS, ALTERNATORS, BELTS, FANS & ADAPTERS

JULY 1991

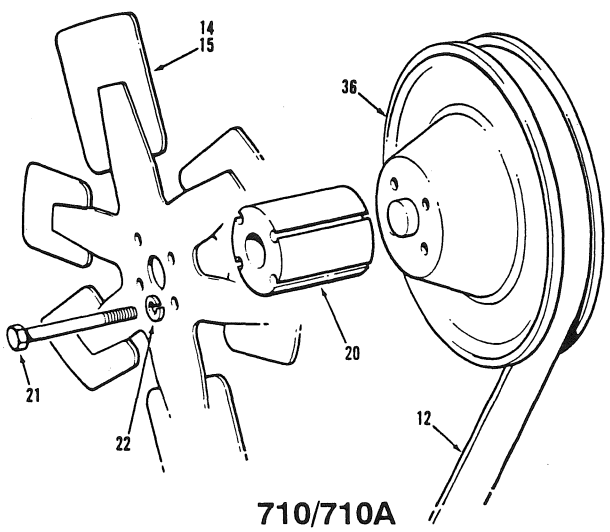
ISSUE No. 5 REVISION A
Nº D'ÉMISSION
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FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
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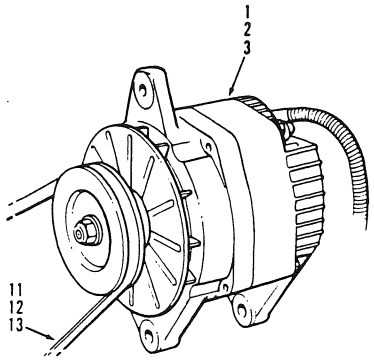
EFFECTIVE SERIAL NUMBER(S) Models 710 thru 730A
NUMERO(S) DE SÉRIE EFFECTIF(S) 21481 & UP
NUMERO(S) DE SERIE EFECTIVO(S) EXCEPT 21488

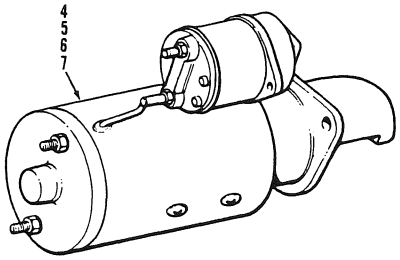
Models 740 thru 780A
21285 & UP

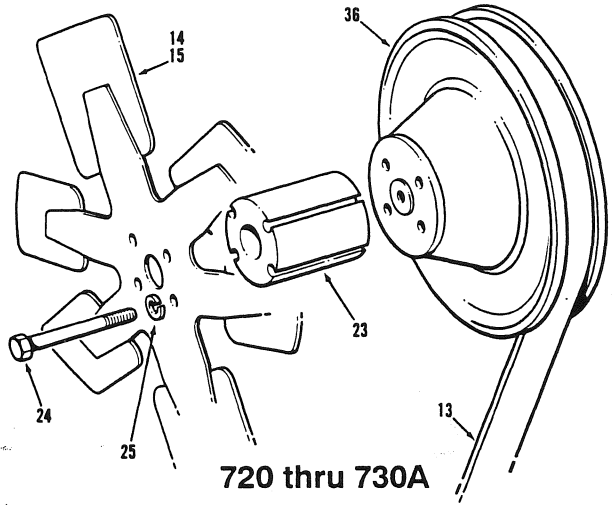
No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		ALTERNATORS		
1	*57327	ALTERNATOR - 12 VOLT - 105 AMP	1	720 thru 780A
2	42860	ALTERNATOR - 24 VOLT - 45 AMP	1	
3	54960	ALTERNATOR - 12 VOLT - 100 AMP	1	710/710A
		STARTERS		
4	57014	STARTER - 12 VOLT	1	710/710A
5	40778	STARTER - 24 VOLT	1	710/710A
6	46472	STARTER - 12 VOLT	1	720 thru 730A
7	48517	STARTER - 24 VOLT	1	720 thru 730A
8	40923	STARTER - 12 VOLT	1	740 thru 780A
9	40924	STARTER - 24 VOLT	1	740 thru 780A
		BELTS		
10	37109	BELT - FAN	1	740 thru 780A
11	37110	BELT - ALTERNATOR	1	740 thru 780A
12	37114	BELT - FAN/ALTERNATOR	1	710/710A
13	37395	BELT - FAN/ALTERNTOR	1	720 thru 730A
		FANS & ADAPTERS		
14	52680	FAN GUARD	2	
15	57606	FAN - BLOWER	1	
16	52897	SPACER - BLOWER	1	
17	350A-08090	BOLT - BLOWER	4	
18	52694	FAN SUCKER	1	710/710A
19	52897	SPACER - SUCKER	1	
20	350A-08110	BOLT - SUCKER	4	
21	314A-08	LOCKWASHER	4	
22	50A-0608	BOLT	2	
23	14A-06	LOCKWASHER	10	
24	30A-06	NUT	10	
25		PULLEY	REF.	ENGINE MANUAL
26	52680	FAN GUARD	2	
27	57606	FAN - BLOWER	1	
28	52899	SPACER - BLOWER	1	
29	350A-10090	BOLT - BLOWER	4	
30	52694	FAN - SUCKER	1	720 thru 730A
31	52899	SPACER - SUCKER	1	
32	350A-10110	BOLT - SUCKER	4	
33	314A-10	LOCKWASHER	4	
34	50A-0608	BOLT	2	
35	14A-06	LOCKWASHER	10	
36	30A-06	NUT	10	
37		PULLEY	REF.	ENGINE MANUAL
38	52681	FAN GUARD	2	
39	57607	FAN - BLOWER	1	
40	50A-0624	BOLT - BLOWER	6	
41	57689	FAN - SUCKER	1	740 thru 780A
42	52901	SPACER - SUCKER	1	
43	50A-0636	BOLT - SUCKER	6	
44	50A-0608	BOLT	2	
45	14A-06	LOCKWASHER	16	
46	30A-06	NUT	10	
47		PULLEY	REF.	ENGINE MANUAL



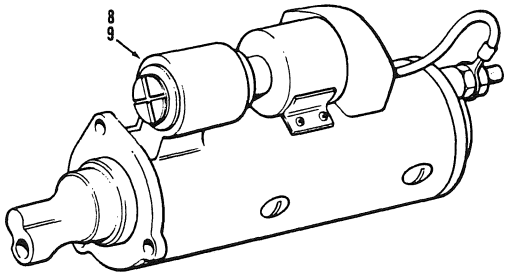
710/710A

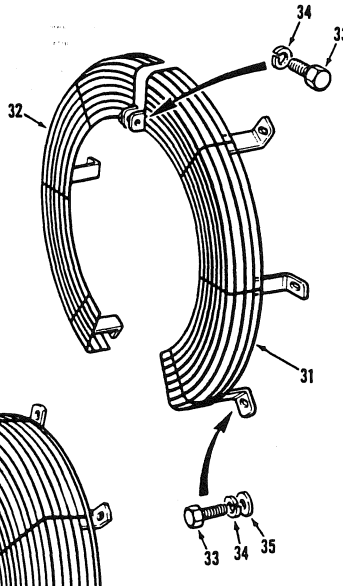


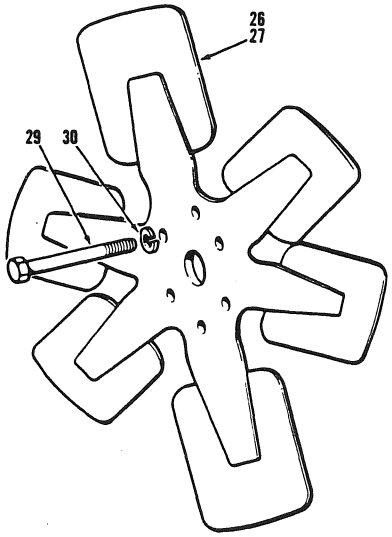


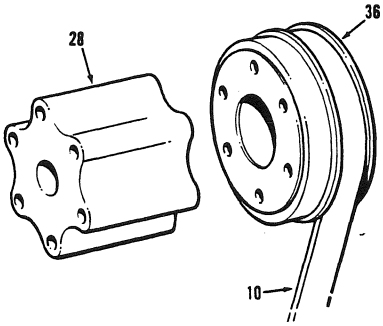


720 thru 730A

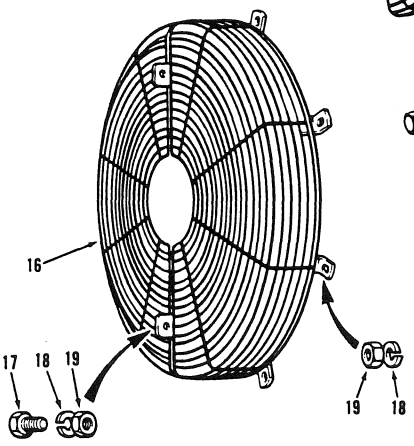








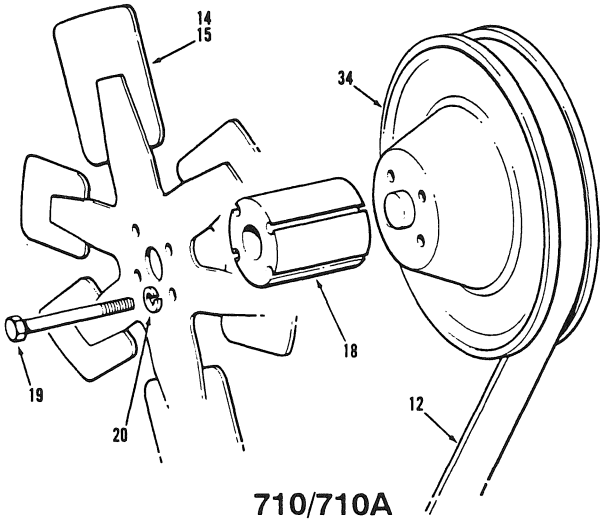
740 thru 780A



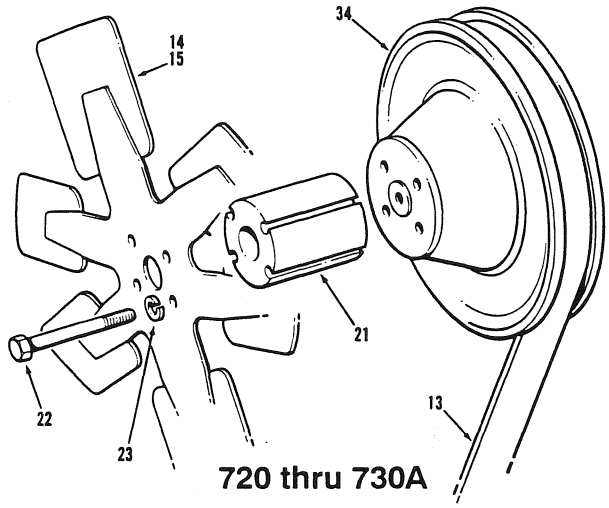
FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

STARTERS, ALTERNATORS, BELTS FANS & ADAPTERS

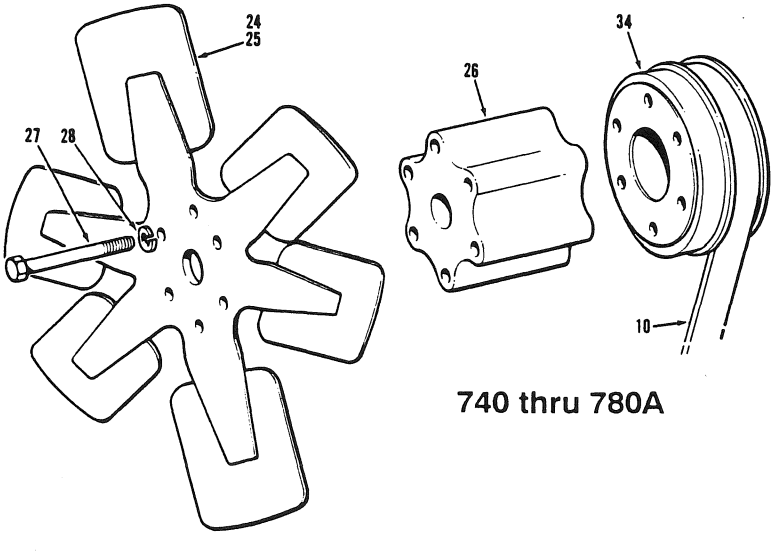
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		ALTERNATORS		
1	54960	ALTERNATOR - 12 VOLT - 100 AMP	1	710/710A
2	57327	ALTERNATOR - 12 VOLT - 105 AMP	1	720 thru 780A
3	42860	ALTERNATOR - 24 VOLT - 45 AMP	1	
		STARTERS		
4	57014	STARTER - 12 VOLT	1	710/710A
5	40778	STARTER - 24 VOLT	1	710/710A
6	46472	STARTER - 12 VOLT	1	720 thru 730A
7	48517	STARTER - 24 VOLT	1	720 thru 730A
8	40923	STARTER - 12 VOLT	1	740 thru 780A
9	40924	STARTER - 24 VOLT	1	740 thru 780A
		BELTS		
10	37109	BELT - FAN	1	740 thru 780A
11	37110	BELT - ALTERNATOR	1	740 thru 780A
12	37114	BELT - FAN/ALTERNATOR	1	710/710A
13	37395	BELT - FAN/ALTERNATOR	1	720 thru 730A
14	52694	FAN - SUCKER	1	
15	57606	FAN - BLOWER	1	
16	52680	FAN GUARD	1	710 thru 730A
17	50A-0608	BOLT	2	
18	14A-06	LOCKWASHER	10	
19	30A-06	NUT	10	
20	52897	SPACER	1	
21	350A-08110	BOLT	4	710/710A
22	314A-08	LOCKWASHER	4	
23	52899	SPACER	1	
24	350A-10110	BOLT	4	720 thru 730A
25	314A-10	LOCKWASHER	4	
26	57607	FAN - BLOWER	1	
27	57689	FAN - SUCKER	1	
28	52901	SPACER	1	
29	50A-0636	BOLT	6	
30	14A-06	LOCKWASHER	6	740 thru 780A
31	*57693	FANGUARD - L.H.	1	
32	*57694	FANGUARD - R.H.	1	
33	*50A-0508	BOLT	7	
34	*14A-05	LOCKWASHER	7	
35	*14C-05	FLATWASHER	6	
36		PULLEY	REF.	ENGINE MANUAL



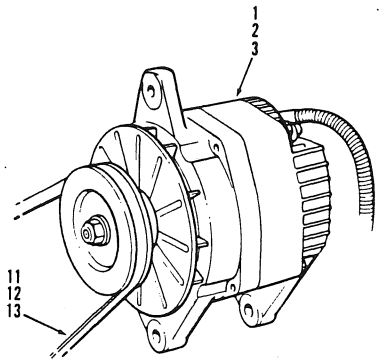
710/710A

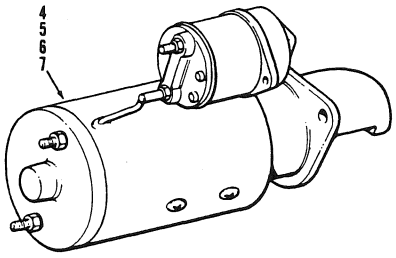


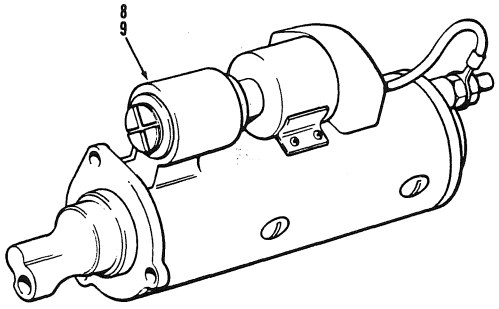
720 thru 730A

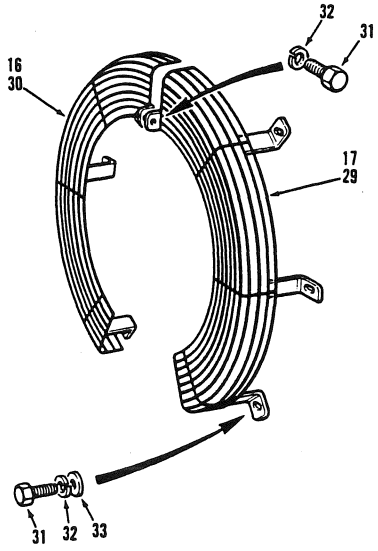


740 thru 780A









NOVEMBER 1991

STARTERS, ALTERNATORS, BELTS, FANS & ADAPTERS

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

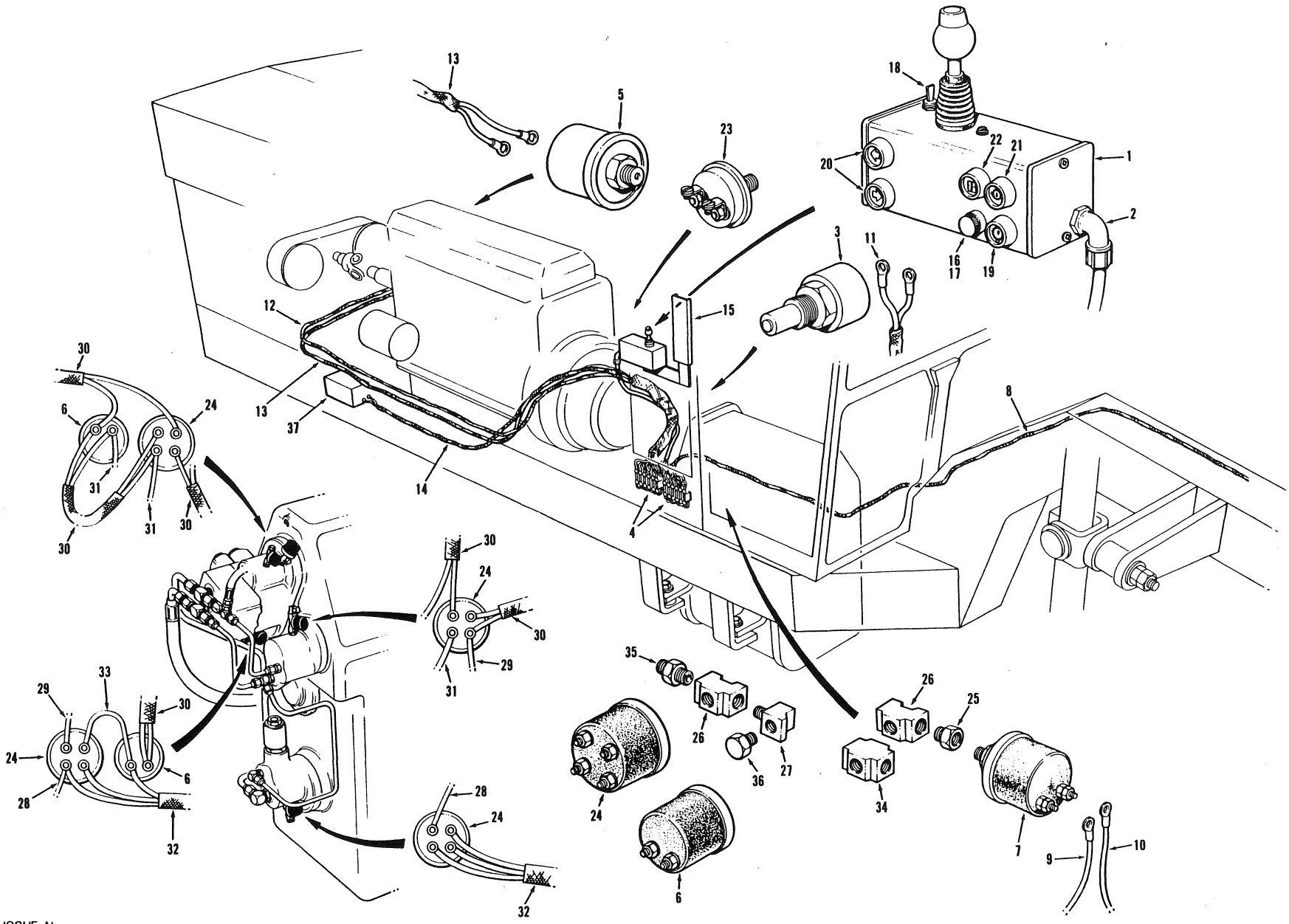
ISSUE No.
Nº D'ÉMISSION 7
Nº DE EDICION

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STARTERS, ALTERNATORS, BELTS FANS & ADAPTERS

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		ALTERNATORS		
1	54960	ALTERNATOR - 12 VOLT - 100 AMP	1	710/710A
2	57327	ALTERNATOR - 12 VOLT - 105 AMP	1	720 thru 780A
3	42860	ALTERNATOR - 24 VOLT - 45 AMP	1	
		STARTERS		
4	57014	STARTER - 12 VOLT	1	710/710A
5	40778	STARTER - 24 VOLT	1	710/710A
6	46472	STARTER - 12 VOLT	1	720 thru 730A
7	48517	STARTER - 24 VOLT	1	720 thru 730A
8	40923	STARTER - 12 VOLT	1	740 thru 780A
9	40924	STARTER - 24 VOLT	1	740 thru 780A
		BELTS		
10	37109	BELT - FAN	1	740 thru 780A
11	37110	BELT - ALTERNATOR	1	740 thru 780A
12	37114	BELT - FAN/ALTERNATOR	1	710/710A
13	37395	BELT - FAN/ALTERNATOR	1	720 thru 730A
14	52694	FAN - SUCKER	1	
15	57606	FAN - BLOWER	1	
16	*57632	FAN GUARD - R.H.	1	710 thru 730A
17	*57633	FAN GUARD - L.H.	1	
18	50A-0608	BOLT	1	
19	14A-06	LOCKWASHER	4	710/710A
20	30A-06	NUT	4	
21	52897	SPACER	1	
22	350A-08110	BOLT	4	720 thru 730A
23	314A-08	LOCKWASHER	4	
24	57607	FAN - BLOWER	1	
25	57689	FAN - SUCKER	1	
26	52901	SPACER	1	
27	50A-0636	BOLT	6	
28	14A-06	LOCKWASHER	6	740 thru 780A
29	57693	FANGUARD - L.H.	1	
30	57694	FANGUARD - R.H.	1	
31	50A-0508	BOLT	7	
32	14A-05	LOCKWASHER	7	
33	14C-05	FLATWASHER	6	
34		PULLEY	REF.	ENGINE MANUAL

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

CONTROL BOX, WIRING HARNESSES & SENDING UNITS - ALL WHEEL DRIVE

JUNE 1986

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

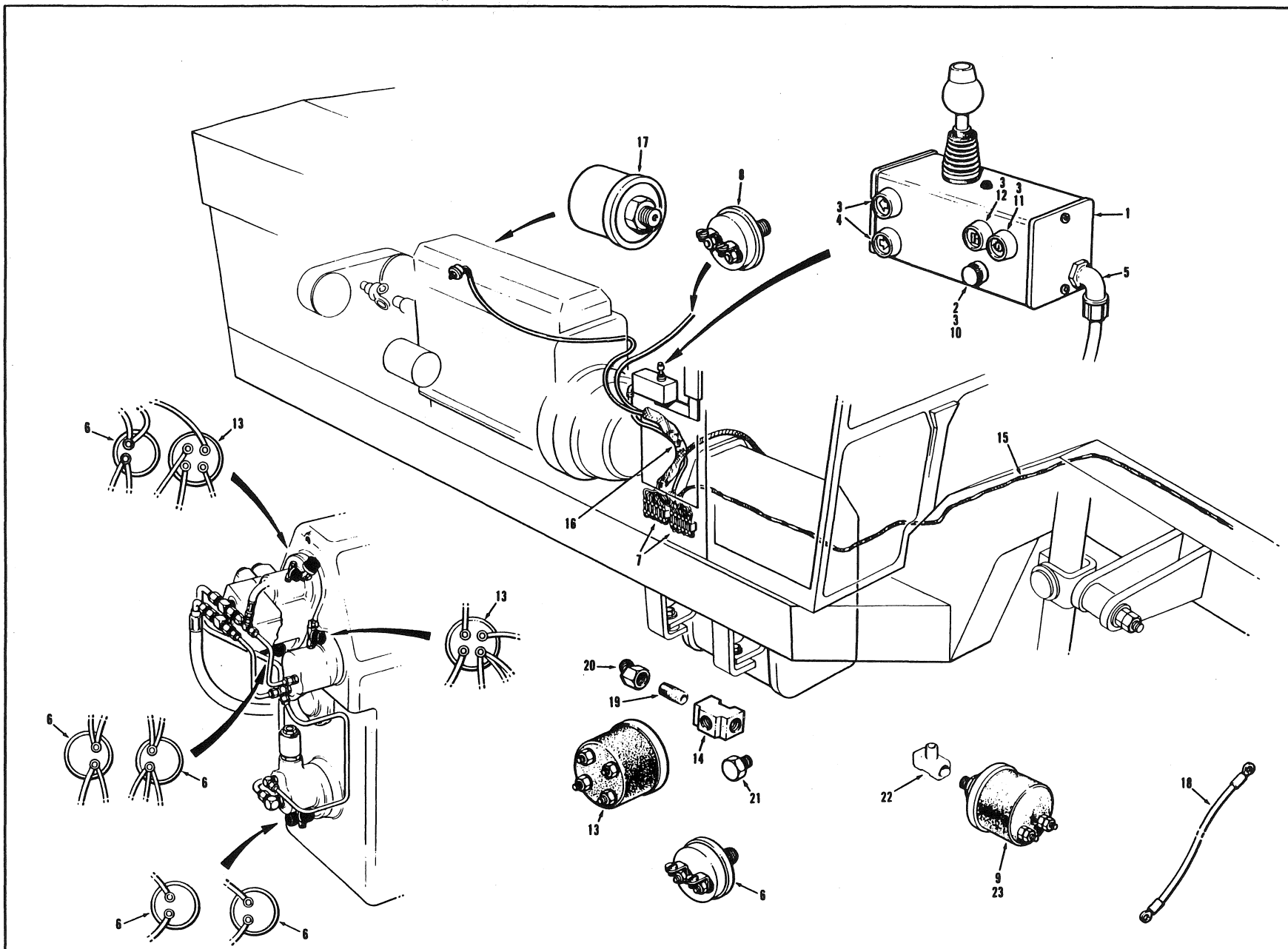
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

CONTROL BOX, WIRING HARNESSES & SENDING UNITS - ALL WHEEL DRIVE

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	30748	CONTROL BOX ASSY. - INCLUDES ITEMS 2 & 16 TO 22	1	
2	30749	COMPRESSION FITTING	1	
3	30751	PRESSURE SWITCH	5	
4	30755	TERMINAL STRIP	2	
5	30756	SWITCH - CHARGE PRESSURE	1	
6	30757	SWITCH - TEMPERATURE	1	
7	30811	SWITCH - CLUTCH & BRAKE PRESSURE	2 or 3	
8	30812	HARNESS - MOTOR CONTROL VALVE	1	
9	30814	HARNESS - BRAKE PRESSURE	2	
10	30816	HARNESS - CLUTCH PRESSURE	2	
11	30817	HARNESS - RESERVOIR	1	
12	30818	HARNESS - FILTER BY-PASS	1	
13	30819	HARNESS - CHARGE PRESSURE	1	
14	30820	HARNESS - PUMP CONTROL VALVE	1	
15	30824	BRACKET	1	
16	30825	HOLDER	1	
17	30826	FUSE - 3 AMP.	1	
18	30827	SWITCH	1	
19	30828	LIGHT	1	
20	30829	LIGHT	2	
21	30830	LIGHT	1	
22	30831	LIGHT	1	
23	35549	SENDER	1	
24	37115	PRESSURE SWITCH	4	
25	41062	ADAPTER	2 or 3	
26	41063	TEE	7	
27	41064	ELBOW	1	
28	41065	HARNESS	1	
29	41066	HARNESS	1	
30	41067	HARNESS	3	
31	41068	HARNESS	1	
32	41069	HARNESS	1	
33	41070	HARNESS	1	
34	103V-02	CROSS	1 or 2	
35	115A-02	NIPPLE	6	
36	115C-02	PLUG	6	
37		PUMP CONTROL VALVE	REF.	SECTION 4 PAGE 29

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **2 REVISION C**

CONTROL BOX, WIRING HARNESS & SENDING UNITS - ALL WHEEL DRIVE

JANUARY 1992

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

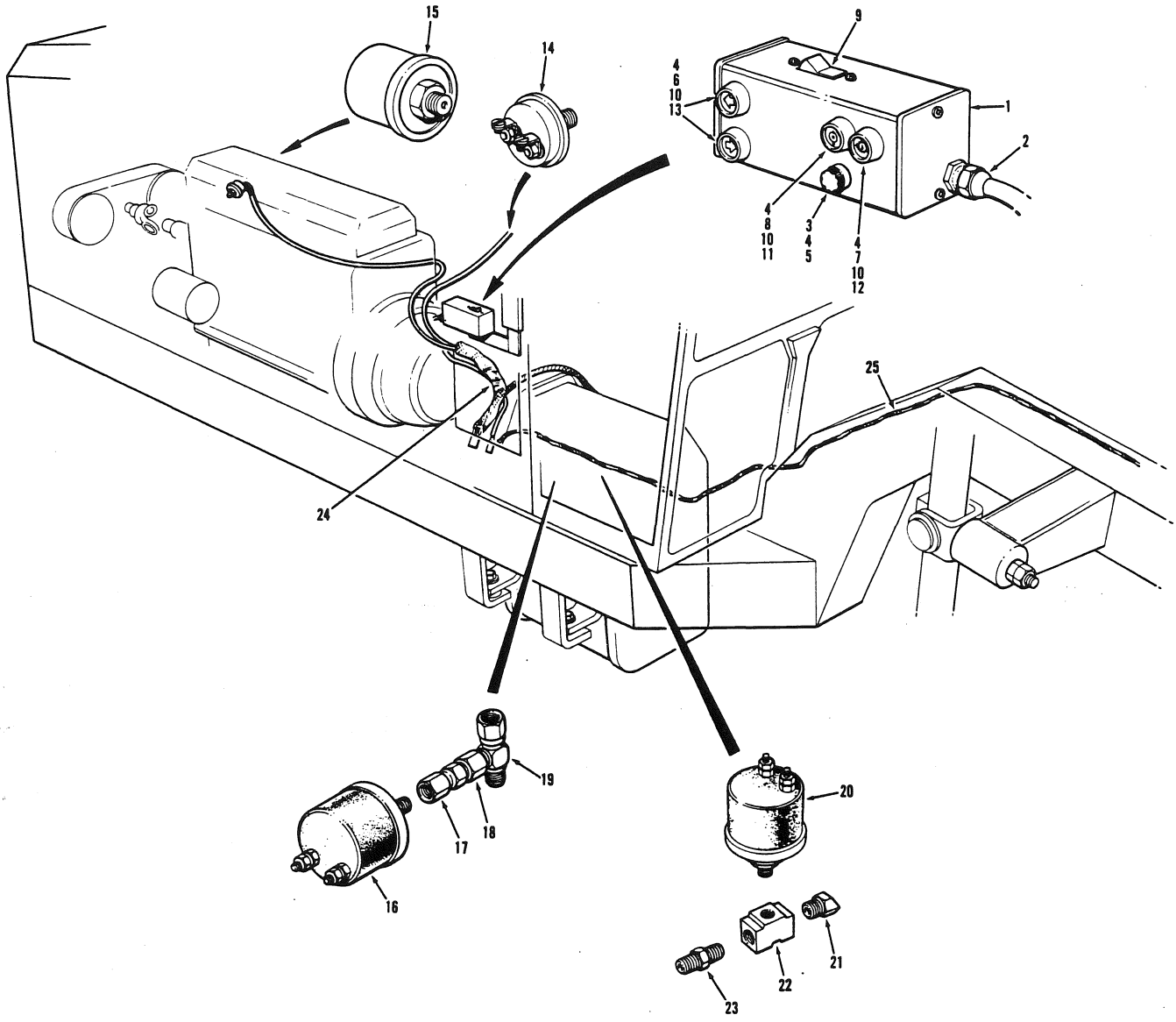
FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

CONTROL BOX, WIRING HARNESS & SENDING UNITS - ALL WHEEL DRIVE

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	42199	CONTROL BOX ASSEMBLY - INCLUDES ITEMS 2, 7 TO 11	1	
2	16125	HOLDER	1	
3	18790	BULB	4	
4	28811	LIGHT - C/W ITEM 3	1	
5	30749	COMPRESSION FITTING	1	
6	30751	SWITCH - PRESSURE	5	
7	30755	TERMINAL STRIP	2	
8	30757	SWITCH - TEMPERATURE	1	
9	46413	SWITCH - CLUTCH	1	Oil Disc Brakes
			2	Drum Brakes
10	30826	FUSE - 3 AMP.	1	
11	30830	LIGHT - C/W ITEM 3	1	
12	30831	LIGHT - C/W ITEM 3	1	
13	37115	SWITCH - PRESSURE	2	
14	115M-02	TEE	10	
15	42200	HARNESS - FRONT CONTROLS	1	
16	42201	HARNESS - TRANSMISSION	1	
17	48410	SWITCH - CHARGE PRESSURE	1	
18	43710	WIRE - JUMPER	1	Drum Brakes
19	103K-02	NIPPLE	3	
20	103N-02	ELBOW	7	
21	115C-02	PLUG	7	
22	103S-02	TEE	2	
23	*30811	SWITCH - BRAKE	2	Oil Disc Brakes S/N 21134 to 21584

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS

CONTROL BOX, WIRING HARNESS & SENDING UNITS - ALL WHEEL DRIVE



FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

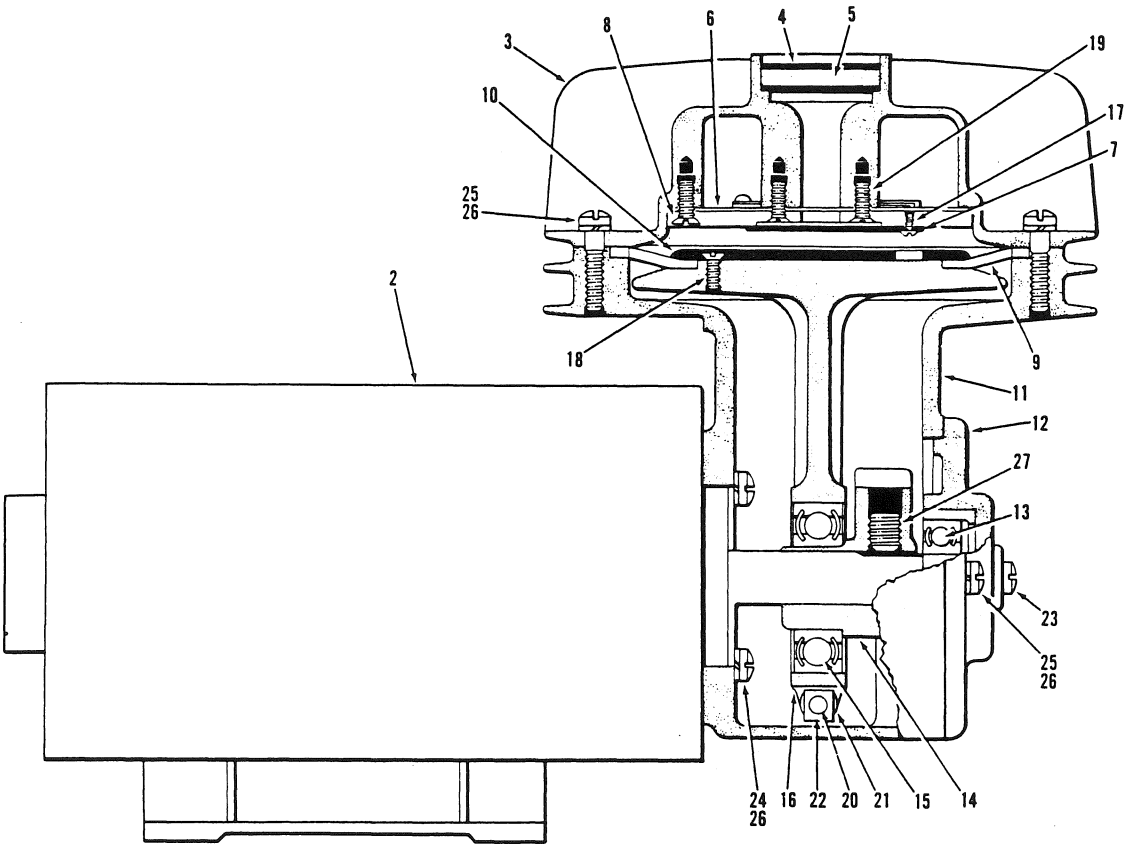
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

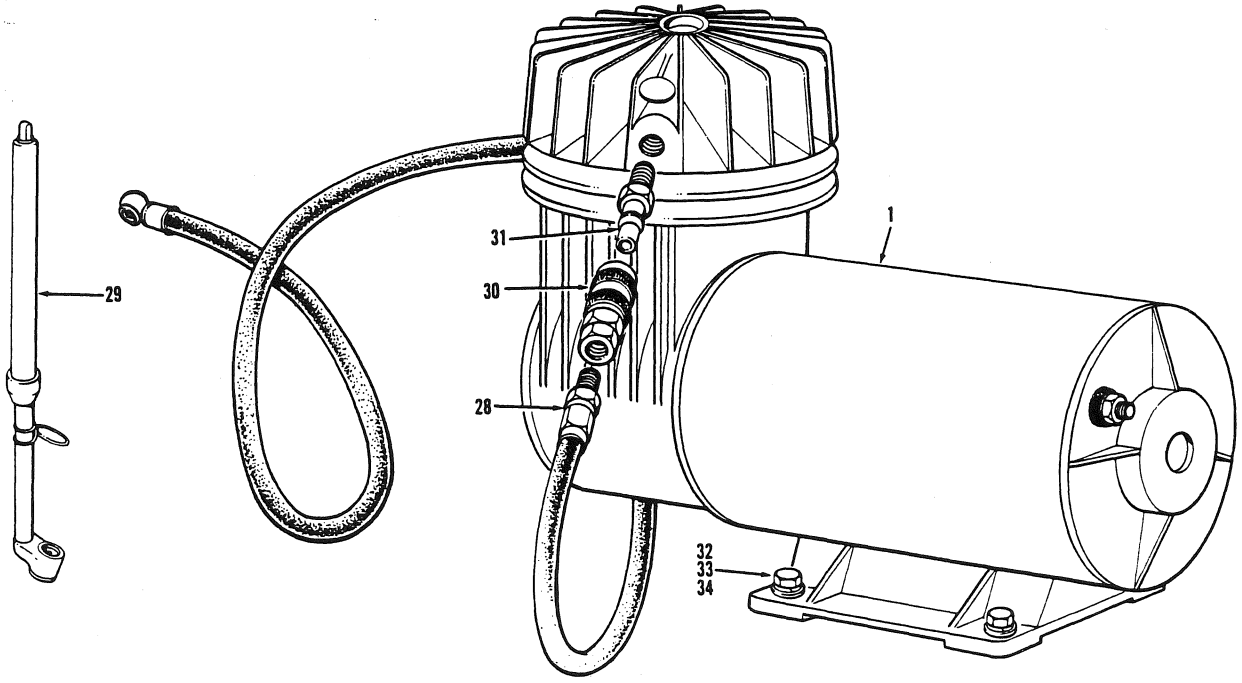
EFFECTIVE SERIAL NUMBER(S) **21633 & UP**
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

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CONTROL BOX, WIRING HARNESS & SENDING UNITS - ALL WHEEL DRIVE

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	*59551	CONTROL BOX ASSEMBLY - 12 VOLT - INCLUDES ITEMS 2 to 9	1	
	*61188	CONTROL BOX ASSEMBLY - 24 VOLT - INCLUDES ITEMS 2 to 9	1	
2	*63023	COMPRESSION FITTING	1	
3	*63025	HOLDER - FUSE	1	
4	18790	BULB	4	
5	*63024	FUSE - 10 AMP.	1	
6	28811	LIGHT - C/W ITEM 4	1	
7	30830	LIGHT - C/W ITEM 4	1	
8	30831	LIGHT - C/W ITEM 4	1	
9	*63022	SWITCH - ROCKER	1	
10	*63021	LENS - SHROUD	4	
11	*63018	LENS - OIL TEMPERATURE	1	
12	*63019	LENS - OIL PRESSURE	1	
13	*63020	LENS - DIRECTIONAL INDICATORS	2	
14	30757	SWITCH - OIL TEMPERATURE - BELOW RESERVOIR	1	
15	*59107	SWITCH - OIL PRESSURE - ON FILTER	1	
16	30811	SWITCH - HYDRAULIC PRESSURE - ON BRAKE MASTER CYLINDER	1	
17	*58563	CONNECTOR	2	
18	110AH-0406	REDUCER	2	
19	*112C-06	TEE	2	
20	46413	SWITCH - CLUTCH PRESSURE - ON CLUTCH MASTER CYLINDER	1	
21	*100H-0402	ELBOW	1	
22	115M-02	TEE	1	
23	103K-02	NIPPLE	1	
24	*59554	HARNESS - SAFETY CIRCUIT	1	
25	*59552	HARNESS - FRONT CONTROLS	1	





ELECTRIC TIRE PUMP

NOVEMBER 1984

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
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EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

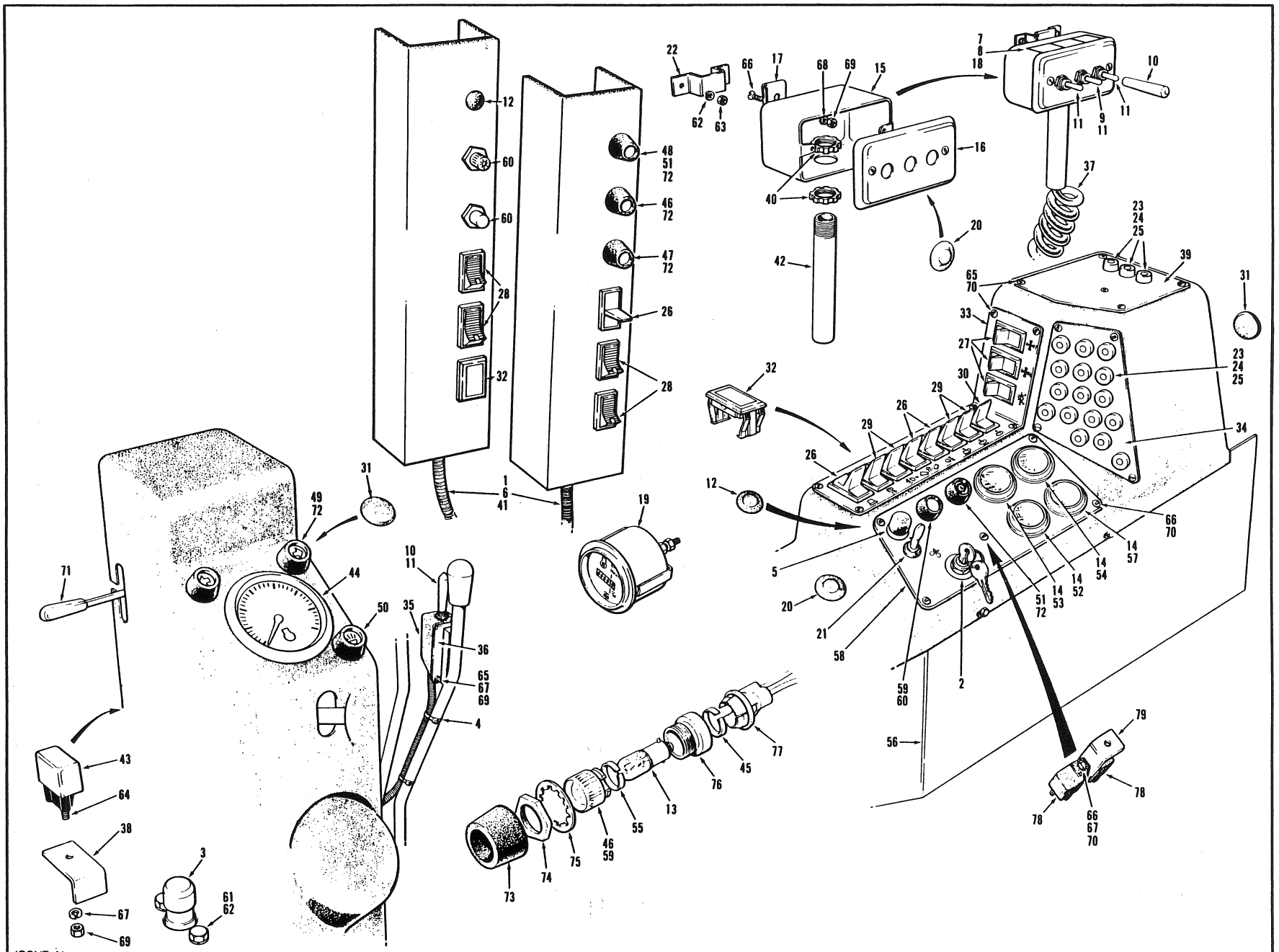
700 SERIES
SERIE 700

SECTION 10 PAGE 13
SECCION PAGINA

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

ELECTRIC TIRE PUMP

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	2796	TIRE PUMP ASSEMBLY - INCLUDES ITEMS 2 TO 27	1	
2	11627	MOTOR - 12 VOLT	1	
3	11628	HEAD	1	
4	11629	RETAINER SCREEN	2	
5	11630	FILTER PAD	1	
6	11631	GASKET	1	
7	11632	INLET VALVE	1	
8	11633	VALVE PLATE ASSY.	1	
9	11634	AIR SEAL	1	
10	11635	PLATE	1	
11	11636	HOUSING	1	
12	11637	COVER	1	
13	11638	BEARING - OUTBOARD	1	
14	11639	ECCENTRIC	1	
15	11640	BEARING - CONNECTING ROD	1	
16	11641	PISTON	1	
17	52L-0602	SCREW	2	
18	52H-0804	SCREW	4	
19	53H-1004	SCREW	4	
20	53L-1007	SCREW	6	
21	14H-10	LOCKWASHER	1	
22	33F-10	NUT	1	
23	50N-0402	SCREW	1	
24	50N-0406	SCREW	4	
25	50N-0410	SCREW	12	
26	14A-04	LOCKWASHER	12	
27	71E-0608	SCREW	1	
28	2799	HOSE	1	
29	9461	GAUGE	1	
30	18738	COUPLER	1	
31	18739	CONNECTOR	1	
32	50A-0512	BOLT	4	
33	14A-05	LOCKWASHER	4	
34	14C-05	FLATWASHER	4	



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

17882 TO 19291

700 SERIES
SERIE 700

SECTION 10 PAGE 15
SECCION 10 PAGINA 15

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

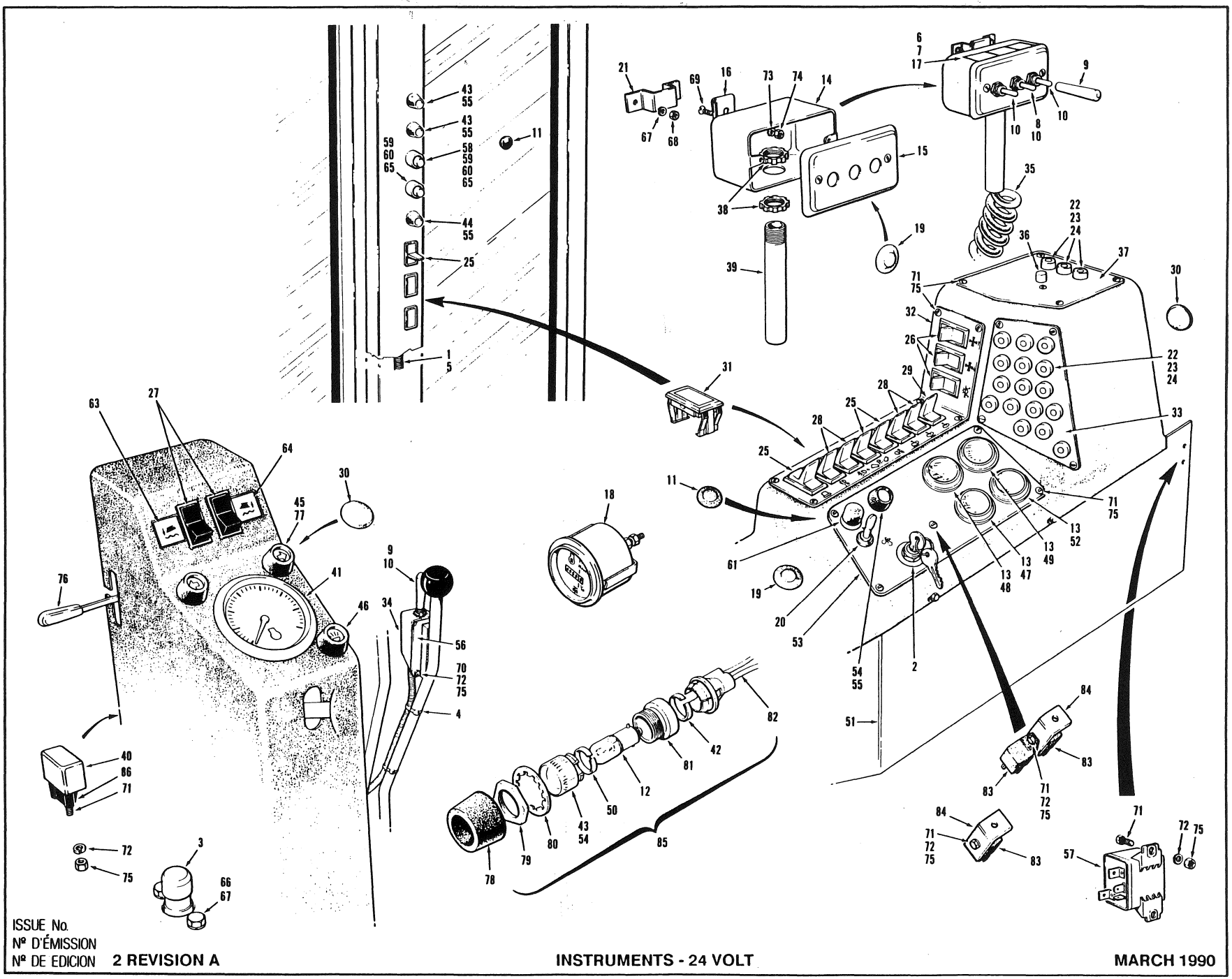
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Nº D'ÉMISSION
Nº DE EDICION **1 REVISION A**

INSTRUMENTS - 24 VOLT

FEBRUARY 1989

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	140-01	WIRE - 14 Ga.	A.R.	
2	5618	IGNITION SWITCH & KEYS	1	
3	7120	DIMMER SWITCH	1	
4	15774	PLASTIC TIE	A.R.	
5	*49262	HORN BUTTON	1	
6	17536	CONDUIT	A.R.	
7	17796	DECAL - WINDROW ELIMINATOR	1	
8	17797	DECAL - RIPPER	1	
9	17881	SWITCH	A.R.	
10	17924	HANDLE	A.R.	
11	17925	SWITCH	A.R.	
12	18012	PLUG	A.R.	
13	*23802	BULB	A.R.	
14	*36838	BULB	A.R.	
15	19884	SWITCH BOX	1	
16	19885	LID - C/W SCREWS	1	
17	19939	CLIP	1	
18	23008	DECAL - WING CONTROLS	1	
19	23775	HOURMETER	1	
20	23121	PLUG	A.R.	
21	23122	SWITCH - COLD START	1	
22	23123	BRACKET	1	
23	34075	CIRCUIT BREAKER - 4 AMP.	A.R.	
24	34074	CIRCUIT BREAKER - 8 AMP.	A.R.	
25	27354	CIRCUIT BREAKER - 15 AMP.	A.R.	
26	28700	SWITCH - 2 POSITION	A.R.	
27	28701	SWITCH - 3 POSITION	A.R.	
28	28718	SWITCH - FLOAT VALVE	2	
29	28720	SWITCH - 3 POSITION	A.R.	
30	28721	SWITCH - 2 POSITION MOMENTARY	A.R.	
31	28748	PLUG	A.R.	
32	28749	PLUG	A.R.	
33	28879	SWITCH PANEL	1	
34	28880	LOWER PANEL	1	
35	28962	HOLDER	1	
36	28963	BRACKET	1	
37	32372	COIL CORD	1	
38	33179	MOUNTING BRACKET FLASHER	1	
39	32393	UPPER PANEL	1	
40	32412	LOCKNUT	2	
41	32437	GROMMET	1	
42	32577	HANDLE	1	
43	14267	FLASHER UNIT	1	
44	40728	TACHOMETER	1	
45	34416	FORCE RING	1	
46	34428	LENS - AMBER	A.R.	
47	34430	LENS - DIFFERENTIAL	1	
48	34431	LENS - O.D.B. PRESSURE	1	
49	34432	LENS - TURN SIGNAL	1	
50	34433	LENS - HIGH BEAM	1	
51	34434	LENS - LUBE PRESSURE	1	
52	34068	VOLTMETER	1	
53	34069	GAUGE - COOLANT TEMPERATURE	1	
54	34070	GAUGE - ENGINE OIL PRESSURE	1	
55	36829	FORCE RING	1	
56	40098	BOX	1	
57	34067	GAUGE - FUEL LEVEL	1	
58	40517	GAUGE PANEL	1	
59	41304	LENS - RED - ENGINE WARNING	1	
60	34079	BUZZER	A.R.	
61	50A-0404	BOLT	2	
62	14A-04	LOCKWASHER	2	
63	30A-04	NUT	2	
64	52H-0604	SCREW	1	
65	52L-0804	SCREW	A.R.	
66	52L-0808	SCREW	A.R.	
67	14F-08	LOCKWASHER	A.R.	
68	14H-06	STARWASHER	1	
69	32A-06	NUT	3	
70	46A-08	NUT	A.R.	
71	40963	SWITCH	A.R.	
72	40731	LIGHT INDICATOR ASSEMBLY - INCLUDES ITEMS 13, 45, 55 & 73 TO 76	A.R.	
73		SHROUD	1	
74		NUT	1	
75		WASHER	1	
76		BODY	1	
77		WIRES	1	
		} NOT SOLD SEPARATELY		
78	43029	RELAY SWITCH	3	
79	33239-2	BRACKET	1	
80	*34427	LIGHT INDICATOR ASSEMBLY - INCLUDES ITEMS 13, 45, 55 & 73 TO 77	A.R.	REPAIR PART



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
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19292 & UP

700 SERIES
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SECTION 10 PAGE 15
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ISSUE No.
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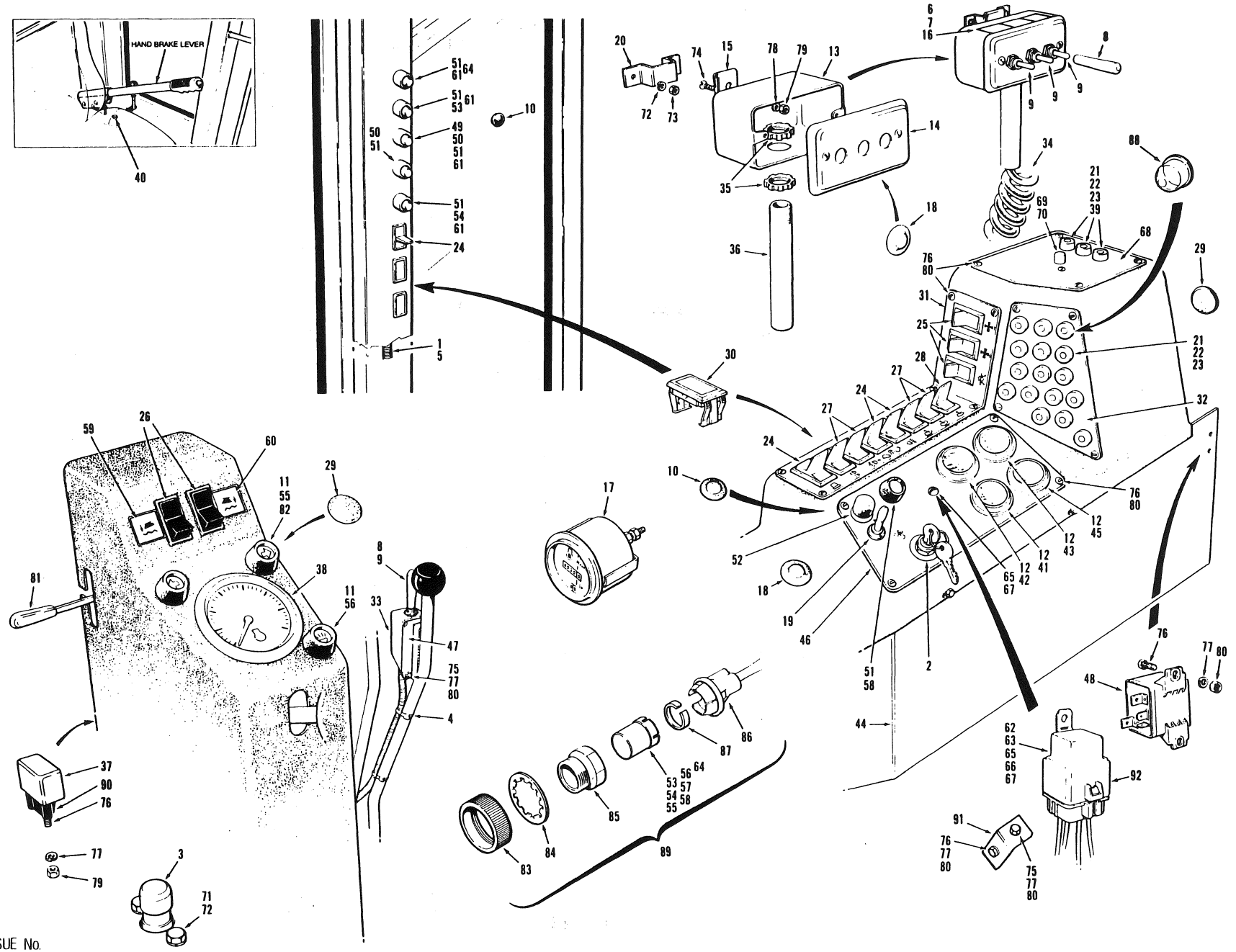
MARCH 1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	140-1	WIRE - 14 GA.	A.R.	
2	5618	IGNITION SWITCH & KEYS	1	
3	7120	DIMMER SWITCH	1	
4	15774	PLASTIC TIE	A.R.	
5	17536	CONDUIT	A.R.	
6	17796	DECAL - WINDROW ELIMINATOR	1	
7	17797	DECAL - RIPPER	1	
8	17881	SWITCH	A.R.	
9	17924	HANDLE	A.R.	
10	17925	SWITCH	A.R.	
11	18012	PLUG	A.R.	
12	23802	BULB	A.R.	
13	36838	BULB	A.R.	
14	19884	SWTICH BOX	1	
15	19885	LID - C/W SCREWS	1	
16	19939	CLIP	1	
17	23008	DECAL - WING CONTROLS	1	
18	23775	HOUR METER	1	
19	23121	PLUG	A.R.	
20	23122	SWTICH - COLD START	1	
21	23123	BRACKET	1	
22	34075	CIRCUIT BREAKER - 4 AMP.	A.R.	
23	34074	CIRCUIT BREAKER - 8 AMP.	A.R.	
24	27354	CIRCUIT BREAKER - 15 AMP.	A.R.	
25	28700	SWITCH - 2 POSITION	A.R.	
26	28701	SWITCH - 3 POSITION	A.R.	
27	28718	SWITCH - FLOAT VALVE	2	
28	28720	SWITCH - 3 POSITION	A.R.	
29	28721	SWITCH - 2 POSITION MOMENTARY	A.R.	
30	28748	PLUG	A.R.	
31	28749	PLUG	A.R.	
32	28879	SWITCH PANEL	1	
33	28880	LOWER PANEL	1	
34	28962	HOLDER	1	
35	32372	COIL CORD	1	
36	33179	MOUNTING BRACKET FLASHER	1	
37	32393	UPPER PANEL	1	
38	32412	LOCKNUT	2	
39	32577	HANDLE	1	
40	14267	FLASHER UNIT	1	
41	40728	TACHOMETER	1	
42	34416	FORCE RING	1	
43	34428	LENS - AMBER	A.R.	
44	34430	LENS - DIFFERENTIAL	1	
45	34432	LENS - TURN SIGNAL	2	
46	34433	LENS - HIGH BEAM	1	
47	34068	VOLTMETER	1	
48	34069	GAUGE - COOLANT TEMPERATURE	1	
49	34070	GAUGE - ENGINE OIL PRESSURE	1	
50	36829	FORCE RING	1	
51	40098	BOX	1	
52	34067	GAUGE - FUEL LEVEL	1	
53	40517	GAUGE PANEL	1	
54	41304	LENS - RED - ENGINE WARNING	1	
55	34079	BUZZ LITE	A.R.	
56	48729	BRACKET	1	
57	*53426	RELAY - 24 VOLT	1	
58	*49079	LENS	1	DRUM BRAKES
59	*49080	LENS	1	DRUM BRAKES
			2	O.D. BRAKES
60	*53444	BUZZ LITE INDICATOR C/W ITEM 65 - 24 VOLT	2	DRUM BRAKES
61	49262	HORN BUTTON	1	
63	49481	DECAL - L.H. - FLOAT	1	
64	49482	DECAL - R.H. - FLOAT	1	
65	*56546	BULB - 24 VOLT	A.R.	
66	50A-0404	BOLT	2	
67	14A-04	LOCKWASHER	2	
68	30A-04	NUT	2	
69	52H-0604	SCREW	1	
70	52L-0804	SCREW	1	
71	52L-0808	SCREW	A.R.	
72	14F-08	LOCKWASHER	A.R.	
73	14H-06	STARWASHER	1	
74	32A-06	NUT	3	
75	46A-08	NUT	A.R.	
76	40963	SWITCH	A.R.	
77	*40731	LIGHT INDICATOR ASSEMBLY - INCLUDES ITEMS 12, 42, 50 & 78 TO 81	A.R.	
78		SHROUD	1	
79		NUT	1	
80		WASHER — NOT SOLD SEPARATELY	1	
81		BODY	1	
82		WIRES	1	
83	43029	RELAY SWITCH	3	
84	33239-2	BRAKET	2	
85	34427	LIGHT INDICATOR ASSEMBLY - INCLUDES ITEMS 12, 42, 50 & 78 TO 82	A.R.	
86	*3974A	RECEPTACLE	1	



EFFECTIVE SERIAL NUMBER(S)
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SECTION 10 PAGE
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ISSUE No.
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INSTRUMENTS - 24 VOLT

APRIL 1990

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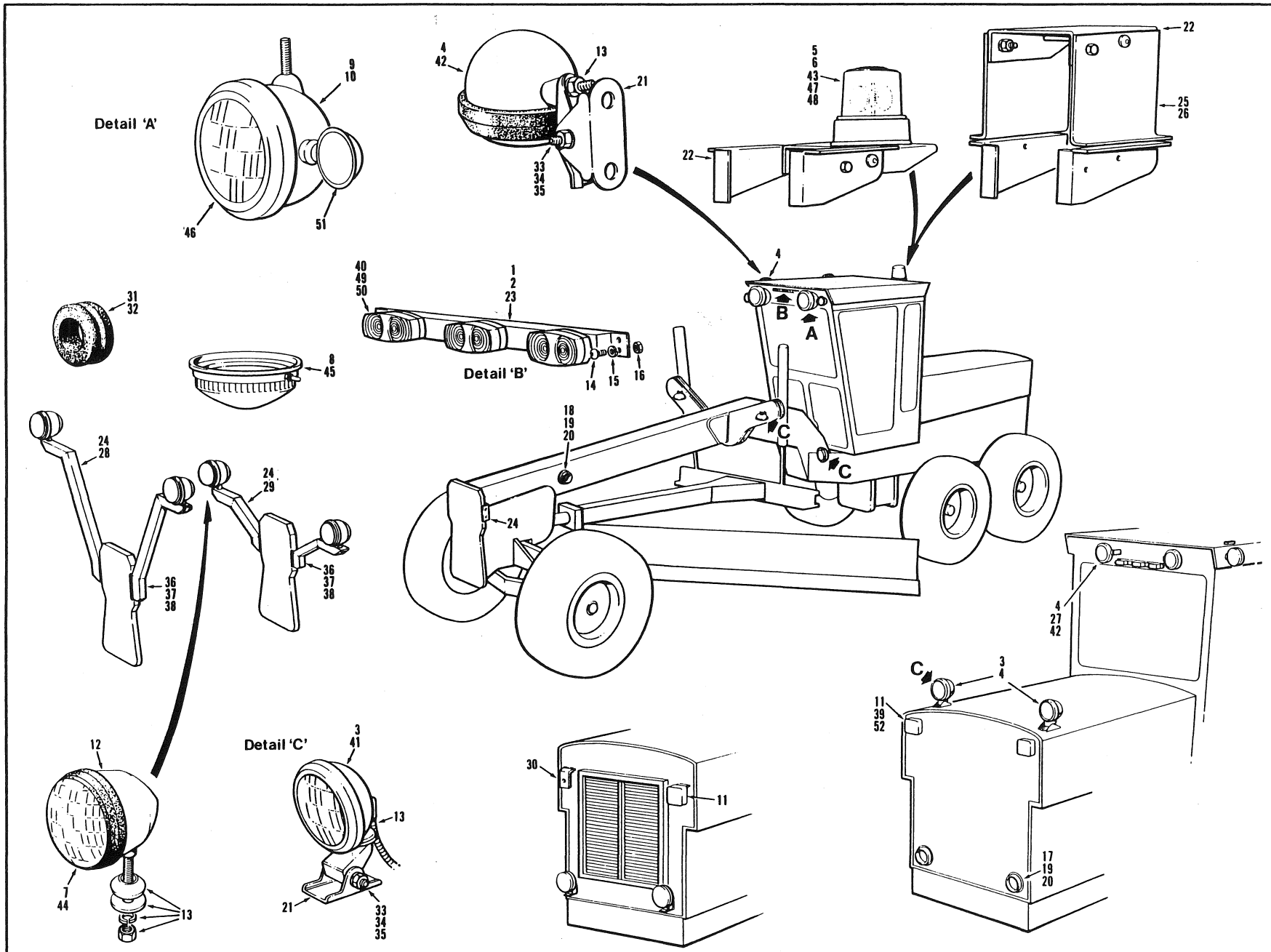
I.I.S.F. ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

SECTION / SECCION 10 | PAGE / PAGINA 16 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 3

INSTRUMENTS - 24 VOLT

APRIL1990

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	140-01	WIRE - 14 GAUGE	per ft.	
2	5618	IGNITION SWITCH & KEYS	1	
3	7120	DIMMER SWITCH	1	
4	15774	PLASTIC TIE	A.R.	
5	17536	CONDUIT	A.R.	
6	17796	DECAL - WINDROW ELIMINATOR	1	
7	17797	DECAL - RIPPER	1	
8	17924	HANDLE	A.R.	
9	17925	SWITCH	A.R.	
10	18012	PLUG	A.R.	
11	23802	BULB	A.R.	
12	36838	BULB	A.R.	
13	19884	SWITCH BOX	1	
14	19885	LID - C/W SCREWS	1	
15	19939	CLIP	1	
16	23008	DECAL - WING CONTROLS	1	
17	*23083	HOURMETER	1	
18	23121	PLUG	A.R.	
19	23122	SWITCH - COLD START	1	
20	23123	BRACKET	1	
21	34075	CIRCUIT BREAKER - 4 AMP.	A.R.	
22	34074	CIRCUIT BREAKER - 8 AMP.	A.R.	
23	23754	CIRCUIT BREAKER - 15 AMP.	A.R.	
24	28700	SWITCH - 2 POSITION	A.R.	
25	28701	SWITCH - 3 POSITION	A.R.	
26	28718	SWITCH - FLOAT VALVE	A.R.	
27	28720	SWITCH - 3 POSITION	A.R.	
28	28721	SWITCH - 2 POSITION MOMENTARY	A.R.	
29	28748	PLUG	A.R.	
30	28749	PLUG	A.R.	
31	28879	SWITCH PANEL	1	
32	28880	LOWER PANEL	1	
33	28962	HOLDER	1	
34	32372	COIL CORD	1	
35	32412	LOCKNUT	2	
36	32577	HANDLE	1	
37	14267	FLASHER UNIT	1	
38	*34055	TACHOMETER	1	
39	34074	CIRCUIT BREAKER - 8 AMP.	A.R.	
40	*34845	SWITCH - PARKING BRAKE	1	
41	34068	VOLTMETER	1	
42	34069	GAUGE - COOLANT TEMPERATURE	1	
43	34070	GAUGE - ENGINE OIL PRESSURE	1	
44	*55100	BOX	1	
45	34067	GAUGE - FUEL LEVEL	1	
46	40517	GAUGE PANEL	1	
47	48729	BRACKET	1	
48	*53426	RELAY SWITCH - DRUM BRAKES	1	
49	*49079	LENS	1	
50	*49080	LENS	1	DRUM BRAKES
			2	OIL DISC BRAKES
51	*53444	BUZZ LITE INDICATOR	A.R.	
52	49262	HORN BUTTON	1	
53	*49347	LENS - AMBER	1	
54	*49348	LENS - DIFFERENTIAL	1	
55	*49349	LENS - TURN SIGNAL	2	
56	*49350	LENS - HIGH BEAM	1	
57	*49351	LENS - RED - TRANSMISSION PRESSURE	1	
58	*49352	LENS - RED - ENGINE WARNING	1	
59	49481	DECAL - L.H. - FLOAT	1	
60	49482	DECAL - R.H. - FLOAT	1	
61	*56546	BULB - 24 VOLT	A.R.	
62	*54092	TRANSMISSION RELAY HARNESS C/W ITEM 92	1	
63	*54094	NEUTRAL START RELAY HARNESS C/W ITEM 92	1	
64	*51213	LENS - PARKING BRAKE	1	
65	*54093	BACK-UP RELAY HARNESS C/W ITEM 92	1	
66	*54095	PARKING BRAKE RELAY HARNESS C/W ITEM 92	1	
67	*54096	DIFFERENTIAL LOCK RELAY HARNESS C/W ITEM 92	1	
68	*53029	UPPER PANEL	1	
69	*53046	CIRCUIT BREAKER - 25 AMP	1	
70	*53047	CIRCUIT BREAKER - 30 AMP	1	
71	50A-0404	BOLT	2	
72	14A-04	LOCKWASHER	2	
73	30A-04	NUT	2	
74	52H-0604	SCREW	1	
75	52L-0804	SCREW	A.R.	
76	52L-0808	SCREW	A.R.	
77	14F-08	LOCKWASHER	A.R.	
78	14F-06	STARWASHER	1	
79	32A-06	NUT	3	
80	46A-08	NUT	A.R.	
81	*55179	SWITCH	A.R.	
82	*54225	LIGHT INDICATOR ASSEMBLY - INCLUDES ITEMS 83, 84 & 85	A.R.	
83		SHROUD	1	
84		WASHER	1	
85		BODY	1	
86		WIRES	1	
87	34416	FORCE RING		
88	*49754	CAP - PLASTIC	A.R.	
89	*56697	LIGHT INDICATOR ASSEMBLY - INCLUDES ITEMS 83 TO 87	A.R.	
90	*3974A	RECEPTACLE	1	
91	33239-2	BRACKET	1	
92	*56870	RELAY - 24 VOLT	A.R.	
	NOTE:	A.R. - AS REQUIRED QUANTITY DETERMINED BY OPTIONAL EQUIPMENT		



ISSUE No.
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LIGHTING INSTALLATIONS - 24 VOLT

FEBRUARY 1988

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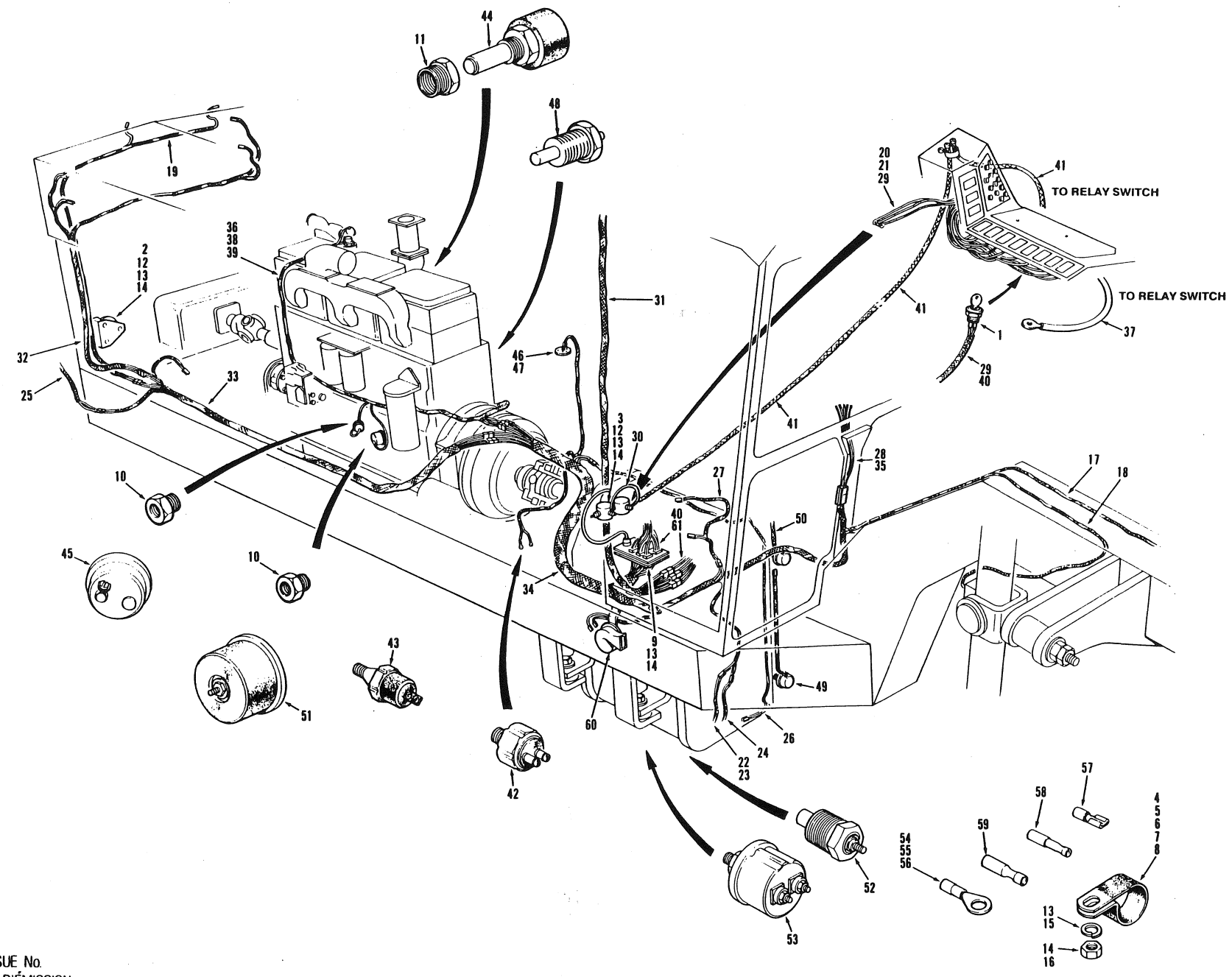
700 SERIES
SERIE 700

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SECCION 10 PAGINA 19

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		LIGHTS AND FLASHERS		
1	14243	CLEARANCE LIGHTS - AMBER	1	
2	14242	CLEARANCE LIGHTS - RED	1	
3	14235	LIGHT - MOLDBOARD & BACK-UP	A.R.	
4	23797	LIGHT - WING & REAR FLOOD	A.R.	
5	23791-2	TWO BEAM FLASHER - BLUE	1	
6	23791-3	TWO BEAM FLASHER - AMBER	1	
7	14256	HEADLIGHT - EXTRA	A.R.	
8	34105	LIGHT - DOME	1	
9	40814	HEADLIGHT - L.H.	1	
10	40815	HEADLIGHT - R.H.	1	
11	34076	LIGHT - STOP,TAIL & TURN SIGNAL	A.R.	
12	10850-2	HEADLIGHT RIM FOR ITEM 7	A.R.	
13	26987	LIGHT MOUNTING SPACER KIT	A.R.	
14	53L-1004	SCREW	A.R.	
15	14F-10	LOCKWASHER	A.R.	
16	32A-10	NUT	A.R.	
		REFLECTORS		
17	9393	REFLECTOR - RED	A.R.	
18	18727	REFLECTOR - AMBER	A.R.	
19	14A-04	LOCKWASHER	A.R.	
20	30A-04	NUT	A.R.	
		MOUNTING BRACKETS		
21	8667	BRACKET FOR ITEMS 3 & 4	A.R.	
22	9333	HINGED BRACKET - TWO BEAM FLASHER	1	
23	15370-32	BRACKET FOR ITEMS 1 & 2	A.R.	
24	19187-1	MOUNTING BAR	A.R.	
25	19510-1	FLASHER BRACKET EXTENSION - R.H.	1	
26	19510-2	FLASHER BRACKET EXTENSION - L.H.	1	
27	28868	BRACKET - REAR FLOOD	A.R.	
28	35542	BRACKET - HIGH HEADLIGHT	1	
29	35543	BRACKET - LOW HEADLIGHT	1	
30	40835	BRACKET - STOP & TAIL LIGHT - SINGLE	A.R.	
31	14681	GROMMET - 3/8"I.D. X 7/8"O.D.	A.R.	
32	32437	GROMMET - 1/2"I.D. X 1 1/16"O.D.	A.R.	
33	40G-0619	BOLT	A.R.	
34	14A-06	LOCKWASHER	A.R.	
35	30A-08	NUT	A.R.	
36	50A-0808	BOLT	A.R.	
37	50A-0824	BOLT	A.R.	
38	14A-08	LOCKWASHER	A.R.	
		BULBS AND SEALED BEAMS		
39	23855	BULB FOR ITEMS 11	A.R.	
40	14247	BULB FOR ITEMS 1 & 2	A.R.	
41	23851	SEALED BEAM FOR ITEM 3	A.R.	
42	23852	SEALED BEAM FOR ITEM 4	A.R.	
43	48950	SEALED BEAM FOR ITEMS 5 & 6	A.R.	
44	23853	SEALED BEAM FOR ITEM 7	A.R.	
45	34275	BULB FOR ITEM 8	A.R.	
46	48949	SEALED BEAM FOR ITEMS 9 & 10	A.R.	
		REPLACEMENT LENSES		
47	18185-2	LENS - BLUE TWO BEAM FLASHER	A.R.	
48	18185-3	LENS - AMBER TWO BEAM FLASHER	A.R.	
49	26996	LENS - RED FOR ITEM 2	A.R.	
50	26997	LENS - AMBER FOR ITEM 1	A.R.	
51	23920	LENS - AMBER FOR ITEMS 9 & 10	A.R.	
52	32515	LENS - RED FOR ITEM 11	A.R.	

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700 SERIES
SERIE 700

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SECCION 10 PAGINA 21

ISSUE No.
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WIRING HARNESS & SENDING UNITS & HORN - 24 VOLT

FEBRUARY 1988

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

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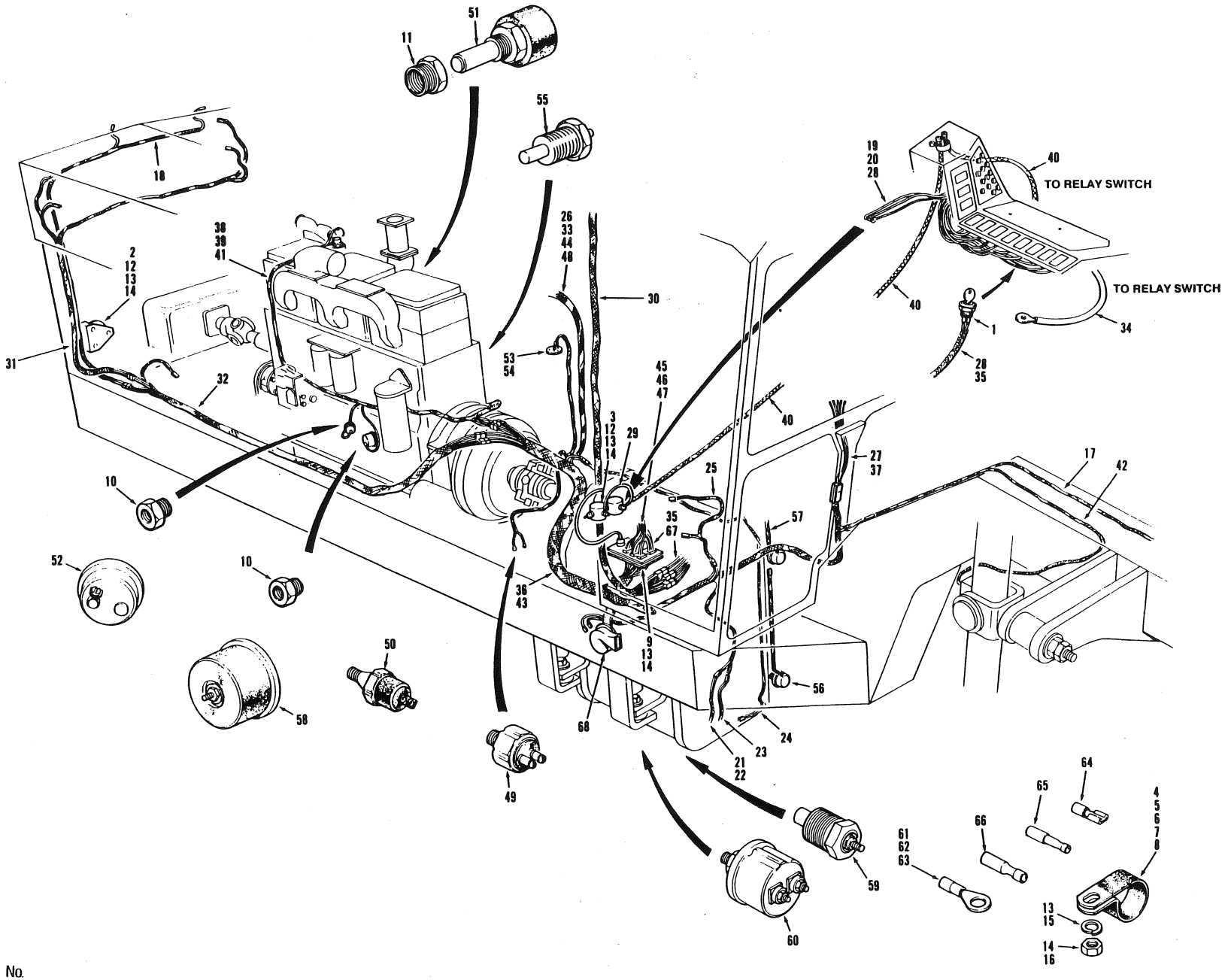
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WIRING HARNESS & SENDING UNITS & HORN - 24 VOLT

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	5618	IGNITION SWITCH & KEYS	1	
2	15201	BACK-UP ALARM	1	
3	*34066	SOLENOID - 24 VOLT	2	
4	32316	CLIP - 3/8"	8	
5	32317	CLIP - 1/2"	2	
6	32318	CLIP - 3/4"	4	
7	32319	CLIP - 1"	3	
8	32320	CLIP - 1-1/4"	1	
9	40952	ADAPTER PLATE	1	
10	115B-0402	REDUCER	1	
11	115B-0806	REDUCER	2	
12	50A-0408	BOLT	8	
13	14A-04	LOCKWASHER	8	
14	30A-04	NUT	8	
15	14A-06	LOCKWASHER	2	
16	30A-06	NUT	2	
		WIRING HARNESS		
17	28377	HARNESS - FRONT HEADLIGHTS	1	OPTIONAL
18	28378	HARNESS - FLOAT VALVES	A.R.	OPTIONAL
19	28384	HARNESS - BACK-UP LIGHTS	1	
20	28390	HARNESS - 1 WIRE ACCESSORY	A.R.	
21	28391	HARNESS - 2 WIRE ACCESSORY	A.R.	
22	28394	HARNESS - FRONT MOUNT WING	1	
23	28395	HARNESS - REAR MOUNT WING	1	
24	28396	HARNESS - FRONT MOUNT WING	1	OPTIONAL
25	28725	HARNESS - REAR MOUNT WING, RIPPER & WINDROW ELIMINATOR	1	
26	29756	HARNESS - TRANSMISSION	1	
27	32375	HARNESS - HEATER MOTOR	1	
28	40484	HARNESS - ARTIC. SWITCH	1	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
29	40488	HARNESS - INSTRUMENT PANEL POWER	1	
30	40665	WIRE - SOLENOID TO SOLENOID	1	
31	40931	HARNESS - UPPER CAB	1	
32	40950	HARNESS - STOP & REAR TAIL LIGHTS	1	
33	40951	HARNESS - REAR CHASSIS	1	
34	43689	HARNESS - MAIN CHASSIS	1	
35	43690	HARNESS - STEERING COLUMN	1	
36	43692	HARNESS - ENGINE	1	710, 710A & 720A
37	43640	FEED WIRE - TRANSMISSION	1	
38	43693	HARNESS - ENGINE	1	740, 740A 780, 780A
39	43694	HARNESS - ENGINE	1	720, 730 & 730A
40	43950	HARNESS - INSTRUMENT PANEL	1	
41	43993	HARNESS - TRANSMISSION	1	
		SENDING UNITS		
42	1684	BRAKE SWITCH	1	
43	9670	SWITCH - HOUR METER	1	
44	9758	ALARMSTAT	1	OPTIONAL
45	11772	PRESSURESTAT	1	OPTIONAL
46	11785	GASKET - FUEL SENDER	1	
47	24589	FUEL LEVEL	1	
48	28691	COOLANT TEMPERATURE	1	
49	40848	TRANSMISSION OIL PRESSURE - INCLUDES HARNESS	1	
50	41534	PRESSURE SWITCH - INCLUDES HARNESS	1	
51	41787	ENGINE OIL PRESSURE	1	
52	10076	TEMPERATURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
53	15801	OIL PRESSURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
54	130B-03	RING TERMINAL	A.R.	
55	130B-04	RING TERMINAL	A.R.	
56	130C-03	RING TERMINAL	A.R.	
57	131B-04	SPADE TERMINAL	A.R.	
58	134B-180	MALE BULLET	A.R.	
59	135B-21	FEMALE BULLET	A.R.	
60	*14260	HORN - 24 VOLTS	1	
		TROPICAL PROTECTION PACKAGE - OPTIONAL		
61	44881	HARNESS - INSTRUMENT PANEL	1	

EFFECTIVE SERIAL NUMBER(S) 19292 & UP
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SECTION 10 PAGE 21
SECCION 10 PAGINA 21

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION A

WIRING HARNESS, SENDING UNITS & HORN - 24 VOLT

APRIL 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

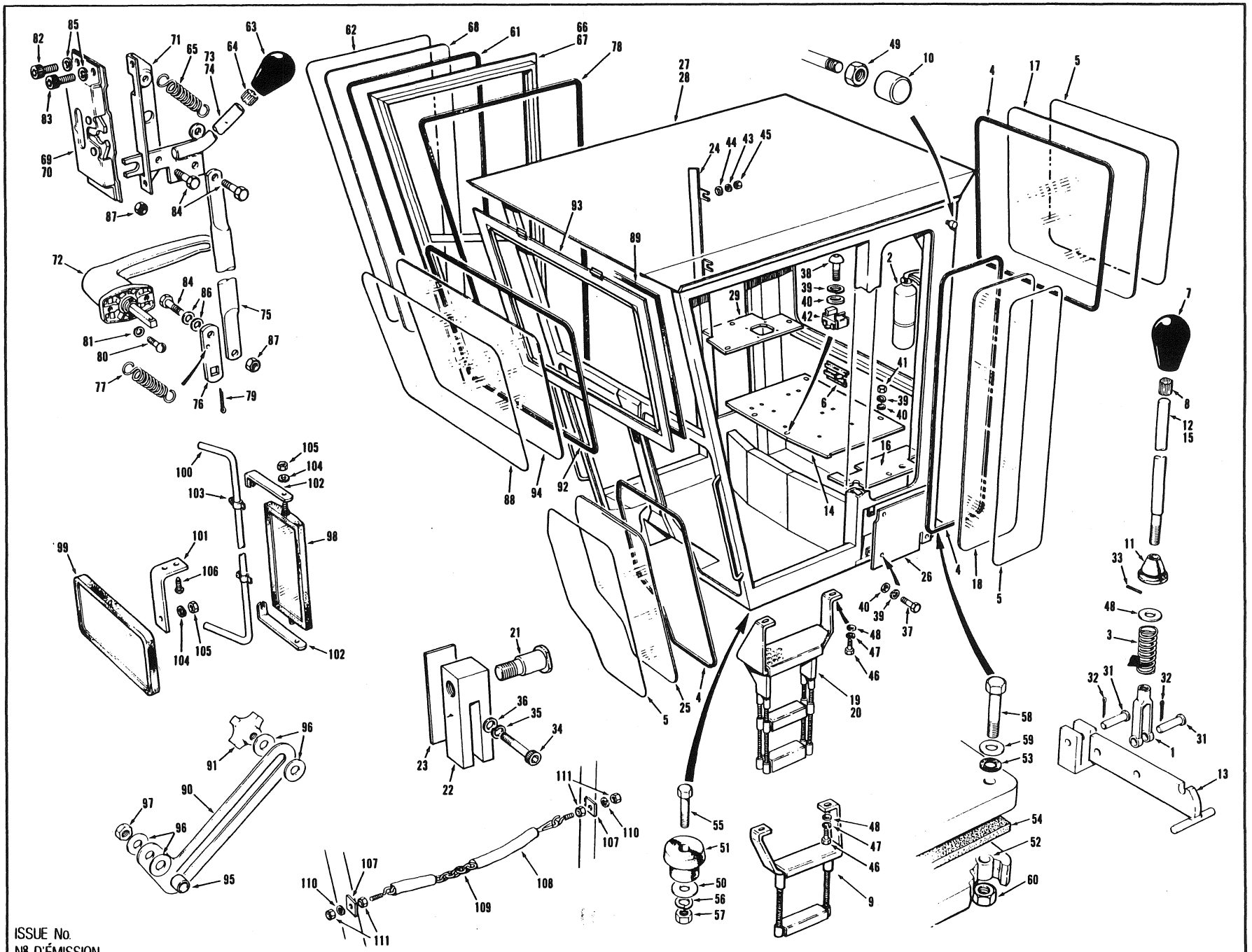
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

WIRING HARNESS, SENDING UNITS & HORN - 24 VOLT

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	5618	IGNITION SWITCH & KEYS	1	
2	15201	BACK-UP ALARM	1	
3	34066	SOLENOID - 24 VOLT	2	
4	32316	CLIP - 3/8"	8	
5	32317	CLIP - 1/2"	2	
6	32318	CLIP - 3/4"	4	
7	32319	CLIP - 1"	3	
8	32320	CLIP - 1 1/4"	1	
9	*48872	ADAPTER PLATE	1	
10	115B-0402	REDUCER	1	
11	115B-0806	REDUCER	2	
12	50A-0408	BOLT	8	
13	14A-04	LOCKWASHER	8	
14	30A-04	NUT	8	
15	14A-06	LOCKWASHER	2	
16	30A-06	NUT	2	
		WIRING HARNESS		
17	28377	HARNESS - FRONT HEADLIGHTS	1	OPTIONAL
18	28384	HARNESS - BACK-UP LIGHTS	1	
19	28390	HARNESS - 1 WIRE ACCESSORY	A.R.	
20	28391	HARNESS - 2 WIRE ACCESSORY	A.R.	
21	28394	HARNESS - FRONT MOUNT WING	1	OPTIONAL
22	28395	HARNESS - REAR MOUNT WING	1	OPTIONAL
23	28396	HARNESS - FRONT MOUNT WING	1	OPTIONAL
24	29756	HARNESS - TRANSMISSION	1	
25	32375	HARNESS - HEATER MOTOR	1	
26	*40483	HARNESS - OIL DISC BRAKES	1	
27	40484	HARNESS - ARTICULATION SWITCH	1	
28	40488	HARNESS - INSTRUMENT PANEL POWER	1	
29	40665	WIRE - SOLENOID TO SOLENOID	1	
30	40931	HARNESS - UPPER CAB	1	
31	40950	HARNESS - STOP & REAR TAIL LIGHTS	1	
32	40951	HARNESS - REAR CHASSIS	1	
33	*41654	HARNESS - OIL DISC BRAKES	1	
34	43640	FEED WIRE - TRANSMISSION	1	
35	43950	HARNESS - INSTRUMENT PANEL	1	
36	43689	HARNESS - MAIN CHASSIS	1	
37	43690	HARNESS - STEERING COLUMN	1	
38	43692	HARNESS - ENGINE - 6BT	1	710/710A
39	43693	HARNESS - ENGINE - L10	1	740 thru 780A
40	43993	HARNESS - TRANSMISSION	1	
41	*45701	HARNESS - ENGINE - 6CT	1	720 thru 730A S/N 18599 & UP
	*43694	HARNESS - ENGINE - 6CT	1	720 thru 730A UP TO S/N 18598

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
42	46663	HARNESS - FLOAT VALVES	A.R.	OPTIONAL
43	*48868	HARNESS - DRUM BRAKES - CHASSIS	1	
44	*48869	HARNESS - DRUM BRAKES WARNING	1	
45	*48877	HARNESS - DRUM BRAKES CONSOLE	1	
46	49473	HARNESS - FLOAT VALVE	1	
47	49474	HARNESS - FLOAT VALVE	1	
48	*49634	HARNESS - TIRE PUMP	1	
		SENDING UNITS		
49	1684	BRAKE SWITCH	2	
50	9670	SWITCH - HOUR METER	1	
51	9758	ALARM STAT	1	OPTIONAL
52	11772	PRESSURESTAT	1	OPTIONAL
53	11785	GASKET - FUEL SENDER	1	
54	24589	FUEL LEVEL	1	
55	28691	COOLANT TEMPERATURE	1	
56	40848	TRANSMISSION OIL PRESSURE - INCLUDES HARNESS	1	
57	41534	PRESSURE SWITCH - INCLUDES HARNESS	1	
58	41787	ENGINE OIL PRESSURE	1	
59	10076	TEMPERATURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
60	15801	OIL PRESSURE SENDER - 8400 TRANSMISSION	1	OPTIONAL
61	130B-03	RING TERMINAL	A.R.	
62	130B-04	RING TERMINAL	A.R.	
63	130C-03	RING TERMINAL	A.R.	
64	131B-04	SPADE TERMINAL	A.R.	
65	134B-180	MALE BULLET	A.R.	
66	135B-21	FEMALE BULLET	A.R.	
		TROPICAL PROTECTION PACKAGE - OPTIONAL		
67	44881	HARNESS - INSTRUMENT PANEL	1	
68	14260	HORN - 24 VOLT	1	



COMPLETE CAB

NOVEMBER 1984

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FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 11 PAGE 1
SECCION 11 PAGINA 1

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

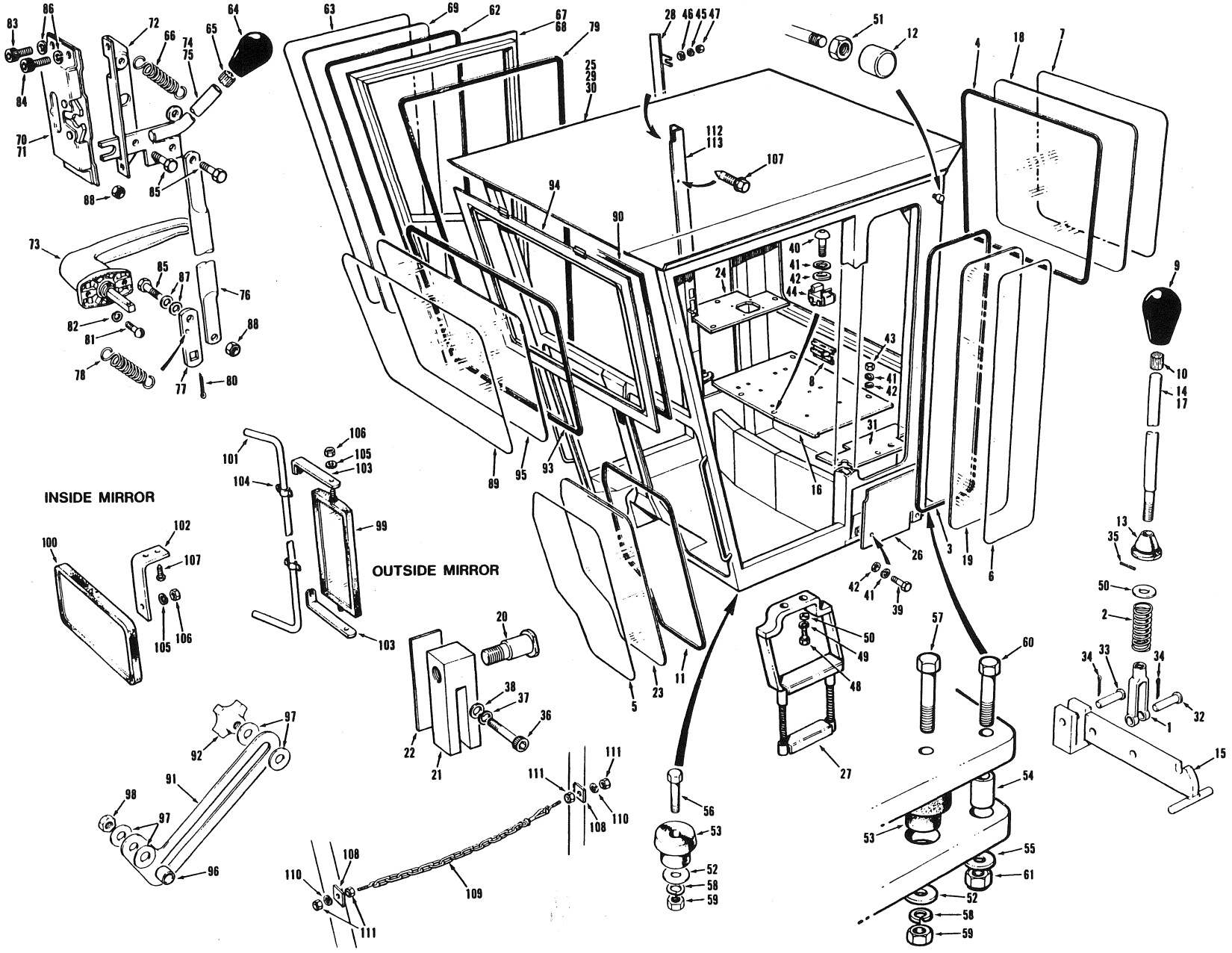
SECTION / SECCION 11 | PAGE / PAGINA 2 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 1

COMPLETE CAB

NOVEMBER 1984

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	1412	YOKE	2	
2	2806	FIRE EXTINGUISHER	1	OPTIONAL
3	8065	SPRING	2	
4	15386	RUBBER CHANNEL	A.R.	
5	15388	LOCKING STRIP	A.R.	
6	16488	VENT DOOR	1	
7	17587	KNOB	2	
8	17588	INSERT	2	
9	19678	STEP	2	OPTIONAL
10	26019	DOOR BUMPER	4	
11	26920	GROMMET	2	
12	26921	RELEASE ROD - R.H.	1	
13	26938	LATCH	2	
14	27244	SEAT DECK - CENTER SECTION	1	
15	27602	RELEASE ROD - L.H.	1	
16	28501-10	SPLIT SEAT DECK SECTION - L.H.	1	
17	28571	GLASS - REAR	1	
18	28573	GLASS - SIDE	2	
19	28575	STEP - R.H.	1	
20	28576	STEP - L.H.	1	
21	28580	STRIKER PIN	2	
22	28597	BLOCK - DOOR CATCH	2	
23	28598	SHIM	2	
24	28908	COVER PLATE	1	
25	32416	GLASS - FRONT	1	
26	32633	SIDE PANEL - BOTTOM	2	
27	35186	CAB WELDED ASSY. - COMPLETE R.O.P.S. CAB	1	
28	35187	CAB WELDED ASSY. - R.O.P.S. CAB SHELL	1	
29	40097	SPLIT SEAT DECK SECTION - R.H.	1	
31	10A-0618	CLEVIS PIN	4	
32	13A-0316	COTTER PIN	4	
33	13J-0416	ROLL PIN	2	
34	50D-0410	BOLT	4	
35	14A-04	LOCKWASHER	4	
36	14C-04	FLATWASHER	4	
37	50A-0506	BOLT	12	
38	50F-0508	BOLT	4	
39	14A-05	LOCKWASHER	20	
40	14C-05	FLATWASHER	22	
41	30A-05	NUT	6	
42	38A-0504	CAGENUT	4	
43	14A-06	LOCKWASHER	3	
44	14C-06	FLATWASHER	3	
45	30A-06	NUT	3	
46	50A-0810	BOLT	4	
47	14A-08	LOCKWASHER	4	
48	14C-08	FLATWASHER	5	
49	30D-08	NUT	4	
		CAB MOUNTS		
50	11967	WASHER	2	
51	11970	RUBBER MOUNT	2	
52	19679	BUSHING	8	
53	19680	RUBBER WASHER	16	
54	28595	SUPPORT PAD	2	
55	50A-1232	BOLT	2	
56	14A-12	LOCKWASHER	2	
57	30A-12	NUT	2	
58	50A-1636	BOLT	8	
59	14C-16	FLATWASHER	16	
60	36D-16	LOCKNUT	8	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		DOORS		OPTIONAL
61	15386	RUBBER CHANNEL	A.R.	
62	15388	LOCKING STRIP	A.R.	
63	17587	KNOB	1	
64	17588	INSERT	1	
65	23294	SPRING	1	
66	27617	DOOR - R.H.	1	
67	27618	DOOR - L.H.	1	
68	28574	GLASS	1	
69	28577	LATCH - R.H.	1	
70	28578	LATCH - L.H.	1	
71	28579	MOUNTING PLATE	1	
72	28581	HANDLE	1	
73	28582	LEVER - L.H.	1	
74	28583	LEVER - R.H.	1	
75	28586	ROD	1	
76	28588	LEVER	1	
77	28630	SPRING	1	
78	28709	WEATHER SEAL	A.R.	
79	13A-0212	COTTER PIN	1	
80	52L-0803	MACHINE SCREW	2	
81	14F-08	LOCKWASHER	2	
82	50D-0406	BOLT	2	
83	50D-0408	BOLT	2	
84	51A-0406	BOLT	3	
85	14A-04	LOCKWASHER	4	
86	14C-04	FLATWASHER	1	
87	37D-04	LOCKNUT	3	
		WINDSHIELD INSTALLATION		OPTIONAL
88	15388	LOCKING STRIP	A.R.	
89	19176	WEATHER STRIP	A.R.	
90	19784	ADJUSTING SLIDE	2	
91	19890	KNOB	2	
92	23017	RUBBER CHANNEL	A.R.	
93	33280	WINDSHIELD FRAME	1	
94	33281	GLASS	1	
95	33284	SPACER	2	
96	14C-06	FLATWASHER	6	
97	36D-06	LOCKNUT	2	
		MIRROR INSTALLATION		OPTIONAL
98	8596A	MIRROR - OUTSIDE	A.R.	
99	8597A	MIRROR - INSIDE - INCLUDES ITEMS 104 & 105	1	
100	28656-1	MOUNTING BAR	A.R.	
101	28760-1	BRACKET	1	
102	32323	BRACKET	A.R.	
103	32892	INSTALLATION KIT - C/W CLAMPS & HARDWARE	A.R.	
104	14A-05	LOCKWASHER	5	
105	30A-05	NUT	5	
106	62A-1006	SCREW	2	
		DOOR SAFETY CHAIN INSTALLATION		OPTIONAL
107	23257	LUG	A.R.	
108	23258	LOOM	A.R.	
109	27217	SAFETY CHAIN	2	
110	14A-06	LOCKWASHER	4	
111	30A-06	NUT	8	



EFFECTIVE SERIAL NUMBER(S) 16848, 16856 TO 18801
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2512-2 & UP

700 SERIES
SERIE 700

SECTION 11 PAGE 1
SECCION 11 PAGINA 1

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
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COMPLETE CAB - R.O.P.S.

APRIL 1988

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SECTION / SECCION 11 | PAGE / PAGINA 2 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 2 REVISION C

COMPLETE CAB - R.O.P.S.

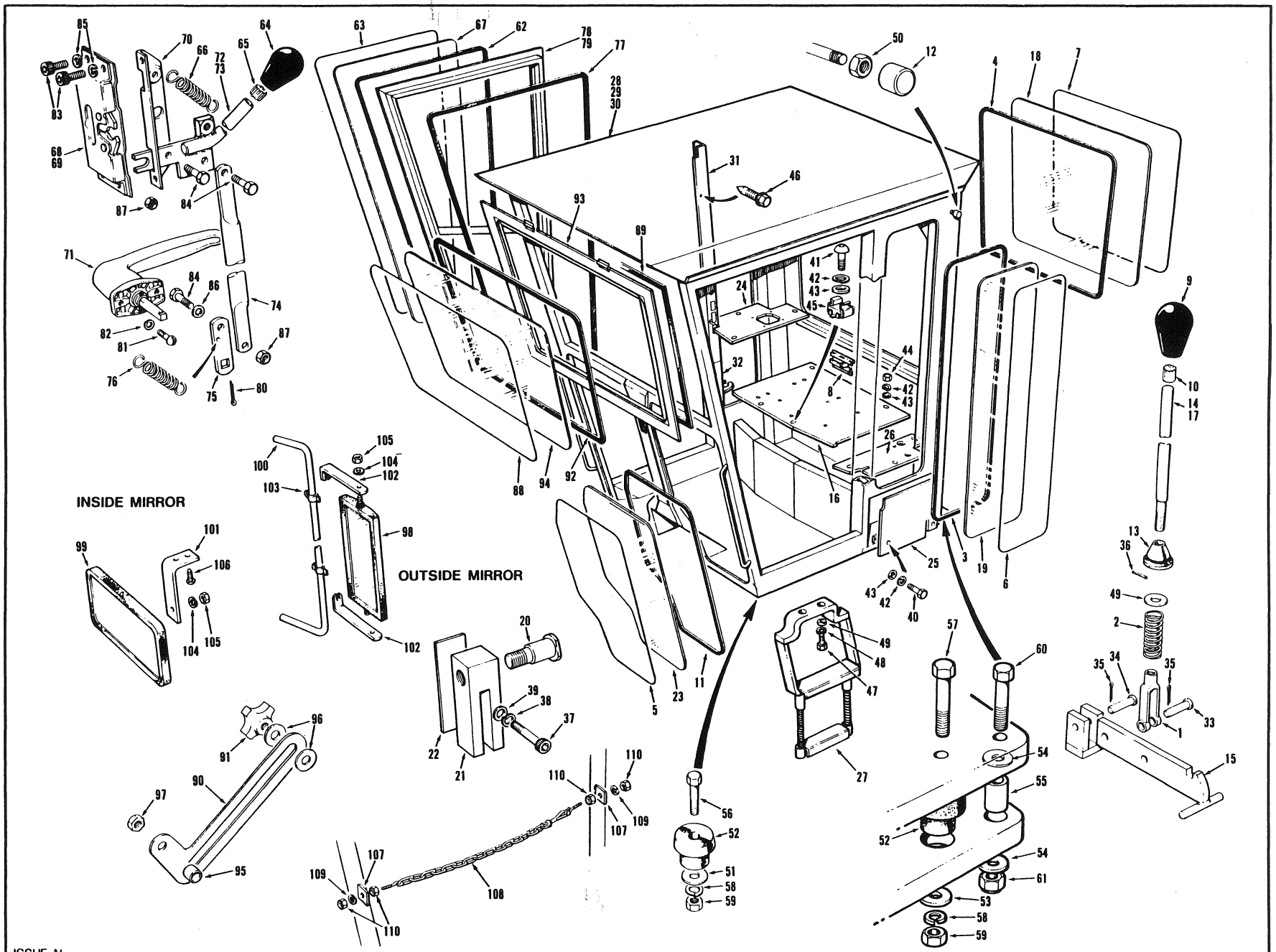
APRIL 1988

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	1412	YOKE	2	
2	8065	SPRING	2	
3	15386 X 148	RUBBER CHANNEL - 148 INCHES LONG	2	
4	15386 X 180	RUBBER CHANNEL - 180 INCHES LONG	1	
5	15388 X 120	LOCKING STRIP - 120 INCHES LONG	2	
6	15388 X 148	LOCKING STRIP - 148 INCHES LONG	2	
7	15388 X 180	LOCKING STRIP - 180 INCHES LONG	1	
8	16488	VENT DOOR	1	
9	17587	KNOB	2	
10	17588	INSERT	2	
11	23017 X 120	RUBBER CHANNEL - 120 INCHES LONG	2	
12	26019	DOOR BUMPER	4	
13	26920	GROMMET	2	
14	26921	RELEASE ROD - L.H.	1	
15	26938	LATCH	2	
16	41250	SEAT DECK - CENTER SECTION	1	
17	27602	RELEASE ROD - R.H.	1	
18	28571	GLASS - REAR	1	
19	28573	GLASS - SIDE	2	
20	28580	STRIKER PIN	2	
21	28597	BLOCK - DOOR CATCH	2	
22	28598	SHIM	2	
23	32416	GLASS - FRONT	1	
24	40097	SPLIT SEAT DECK SECTION - R.H.	1	
25	43128	CAB WELDED ASS'Y - AIR CONDITIONER	1	
26	41370	SIDE PANEL - BOTTOM	2	
27	41661	STEP	2	
28	42643	COVER PLATE (UP TO 18712, 18714 & 18718)	1	
29	43121	CAB WELDED ASS'Y - COMPLETE CAB	1	
30	43122	CAB WELDED ASS'Y - CAB SHELL	1	
31	43451	SPLIT SEAT DECK SECTION - L.H.	1	
32	10A-0616	CLEVIS PIN	2	
33	10A-0622	CLEVIS PIN	2	
34	13A-0316	COTTER PIN	4	
35	13J-0416	ROLL PIN	2	
36	50D-0410	BOLT	4	
37	14A-04	LOCKWASHER	4	
38	14C-04	FLATWASHER	4	
39	50A-0506	BOLT	8	
40	50F-0508	BOLT	4	
41	14A-05	LOCKWASHER	16	
42	14C-05	FLATWASHER	18	
43	30A-05	NUT	6	
44	38A-0504	CAGENUT	4	
45	14A-06	LOCKWASHER	3	
46	14C-06	FLATWASHER	3	
47	30A-06	NUT	3	
48	50A-0810	BOLT	4	
49	14A-08	LOCKWASHER	4	
50	14C-08	FLATWASHER	6	
51	30D-08	NUT	4	
		CAB MOUNTS		
52	11967	WASHER	2	
53	11970	RUBBER MOUNT	4	
54	43082	SPACER	8	
55	43084	FLATWASHER	8	
56	50A-1232	BOLT	2	
57	50A-1236	BOLT	2	
58	14A-12	LOCKWASHER	4	
59	30A-12	NUT	4	
60	50A-1636	BOLT	8	
61	36D-16	NUT	8	
		DOORS		OPTIONAL
62	15386 X 192	RUBBER CHANNEL - 192 INCHES LONG	1	
63	15388 X 192	LOCKING STRIP - 192 INCHES LONG	1	
64	17587	KNOB	1	
65	17588	INSERT	1	
66	23294	SPRING	1	
67	27617	DOOR - R.H.	1	
68	27618	DOOR - L.H.	1	
69	28574	GLASS	1	
70	28577	LATCH - R.H.	1	
71	28578	LATCH - L.H.	1	
72	28579	MOUNTING PLATE	1	
73	28581	HANDLE	1	
74	28582	LEVER - L.H.	1	
75	28583	LEVER - R.H.	1	
76	28586	ROD	1	
77	28588	LEVER	1	
78	28630	SPRING	1	
79	28709 X 210	WEATHER SEAL - 210 INCHES LONG	1	
80	13A-0212	COTTER PIN	1	
81	52L-0803	MACHINE SCREW	2	
82	14F-08	LOCKWASHER	2	
83	50D-0406	BOLT	2	
84	50D-0408	BOLT	2	
85	51A-0406	BOLT	3	
86	14A-04	LOCKWASHER	4	
87	14C-04	FLATWASHER	2	
88	37D-04	NUT	3	
		WINDSHIELD INSTALLATION		OPTIONAL
89	15388 X 168	LOCKING STRIP - 168 INCHES LONG	1	
90	19176 X 180	WEATHER STRIP - 180 INCHES LONG	1	
91	19784	ADJUSTING SLIDE	2	
92	19890	KNOB	2	
93	23017 X 168	RUBBER CHANNEL - 168 INCHES LONG	1	
94	33280	WINDSHIELD FRAME	1	
95	33281	GLASS	1	
96	33284	SPACER	2	
97	14C-06	FLATWASHER	4	
98	36D-06	NUT	2	
		MIRROR INSTALLATION		OPTIONAL
99	8596A	MIRROR - OUTSIDE	1	
100	8597A	MIRROR - INSIDE - INCLUDES ITEMS 105 & 106	1	
101	28656-1	MOUNTING BAR	1	
102	28760-1	BRACKET	1	
103	32323	BRACKET	2	
104	32892	INSTALLATION KIT - C/W CLAMPS & HARDWARE	1	
105	14A-05	LOCKWASHER	5	
106	30A-05	NUT	5	
107	62A-1006	SCREW	2	
		DOOR SAFETY CHAIN INSTALLATION		OPTIONAL
108	23257	LUG	4	
109	27217	SAFETY CHAIN	2	
110	14A-06	LOCKWASHER	4	
111	30A-06	NUT	8	
112	*48091	UPPER COVER PLATE (SER. 18713, 18715 TO 18717, 18719 & UP)	1	
113	*48202	LOWER COVER PLATE (SER. 18713, 18715 TO 18717, 18719 & UP)	1	

EFFECTIVE SERIAL NUMBER(S) 18802, 18878 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 11 PAGE 1
SECCION 11 PAGINA 1



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

COMPLETE CAB - R.O.P.S.

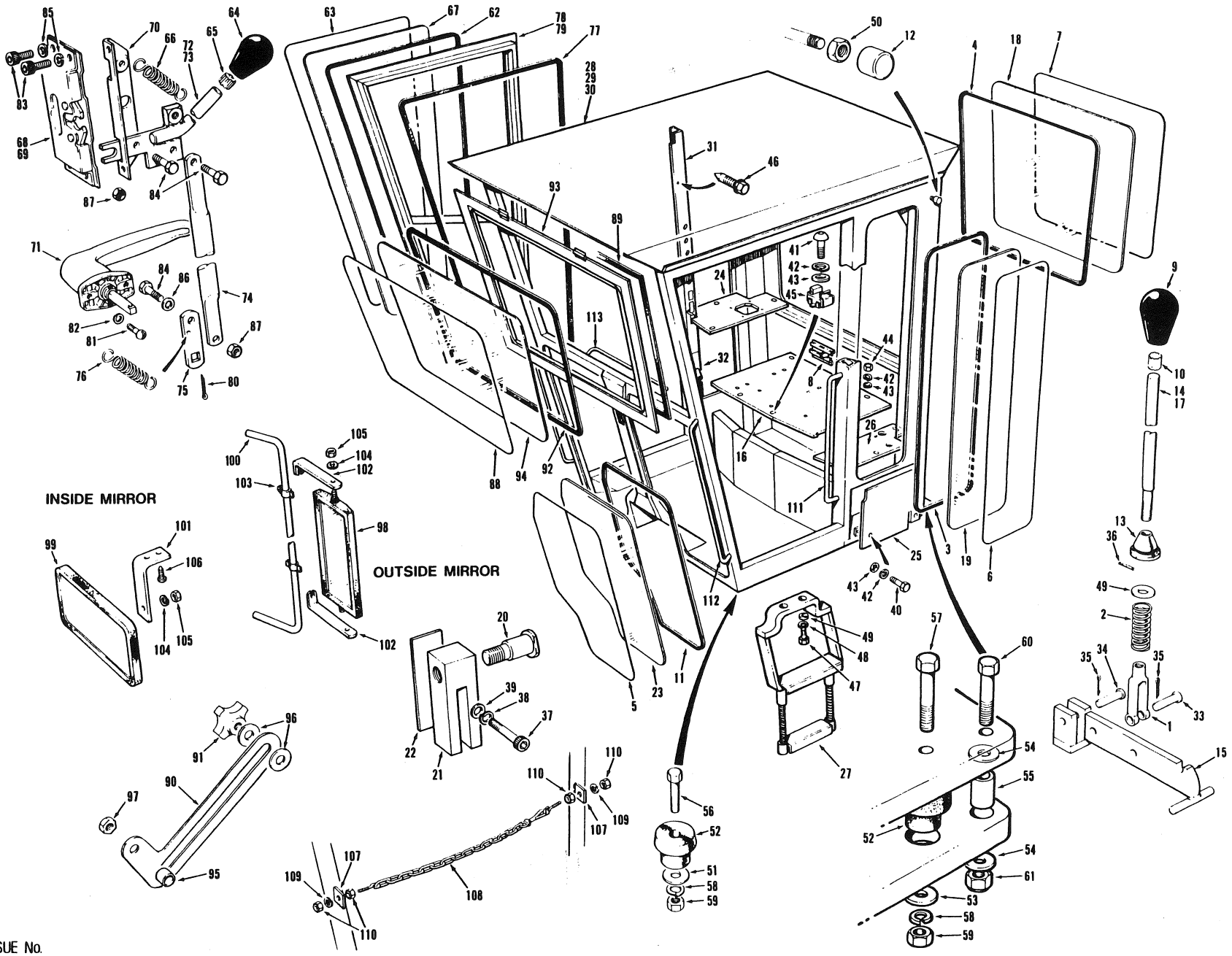
APRIL 1988

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	1412	YOKE	2	
2	8065	SPRING	2	
3	15386 X 148	RUBBER CHANNEL - 148 INCHES LONG	2	
4	15386 X 180	RUBBER CHANNEL - 180 INCHES LONG	1	
5	15388 X 120	LOCKING STRIP - 120 INCHES LONG	2	
6	15388 X 148	LOCKING STRIP - 148 INCHES LONG	2	
7	15388 X 180	LOCKING STRIP - 180 INCHES LONG	1	
8	16488	VENT DOOR	1	
9	17587	KNOB	2	
10	17588	INSERT	2	
11	23017 X 120	RUBBER CHANNEL - 120 INCHES LONG	2	
12	26019	DOOR BUMPER	4	
13	26920	GROMMET	2	
14	26921	RELEASE ROD - L.H.	1	
15	26938	LATCH	2	
16	41250	SEAT DECK - CENTER SECTION	1	
17	27602	RELEASE ROD - R.H.	1	
18	28571	GLASS - REAR	1	
19	28573	GLASS - SIDE	2	
20	28580	STRIKER PIN	2	
21	28597	BLOCK - DOOR CATCH	2	
22	28598	SHIM	4	
23	32416	GLASS - FRONT	2	
24	40097	SPLIT SEAT DECK SECTION - R.H.	1	
25	41370	SIDE PANEL - BOTTOM	2	
26	*46560	SPLIT SEAT DECK SECTION - L.H.	1	
27	*46751	STEP	2	
28	*46775	CAB WELDED ASS'Y - COMPLETE CAB	1	
29	*46776	CAB WELDED ASS'Y - CAB SHELL	1	
30	*46781	CAB WELDED ASS'Y - AIR CONDITIONER	1	
31	48091	UPPER COVER PLATE	1	
32	48202	LOWER COVER PLATE	1	
33	10A-0616	CLEVIS PIN	2	
34	10A-0622	CLEVIS PIN	2	
35	13A-0316	COTTER PIN	4	
36	*13C-0416	ROLL PIN	2	
37	*50A-0410	BOLT	4	
38	*14J-04	LOCKWASHER	4	
39	14C-04	FLATWASHER	4	
40	50A-0506	BOLT	8	
41	50F-0508	BOLT	4	
42	14A-05	LOCKWASHER	16	
43	14C-05	FLATWASHER	18	
44	30A-05	NUT	6	
45	*38A-0503	CAGENUT	4	
46	*62A-1006	SCREW	8	
47	50A-0810	BOLT	4	
48	14A-08	LOCKWASHER	4	
49	14C-08	FLATWASHER	6	
50	30D-08	NUT	4	
		CAB MOUNTS		
51	11967	WASHER	2	
52	11970	RUBBER MOUNT	4	
53	*30075	FLATWASHER	2	
54	43084	FLATWASHER	12	
55	*46800	SPACER	8	
56	50A-1232	BOLT	2	
57	50A-1236	BOLT	2	
58	14A-12	LOCKWASHER	4	
59	30A-12	NUT	4	
60	*50A-1836	BOLT	8	
61	*36N-18	NUT	8	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		DOORS		OPTIONAL
62	15386 X 192	RUBBER CHANNEL - 192 INCHES LONG	1	
63	15388 X 192	LOCKING STRIP - 192 INCHES LONG	1	
64	17587	KNOB	1	
65	17588	INSERT	1	
66	23294	SPRING	1	
67	28574	GLASS	1	
68	28577	LATCH - R.H.	1	
69	28578	LATCH - L.H.	1	
70	28579	MOUNTING PLATE	1	
71	28581	HANDLE	1	
72	28582	LEVER - L.H.	1	
73	28583	LEVER - R.H.	1	
74	28586	ROD	1	
75	28588	LEVER	1	
76	28630	SPRING	1	
77	*45378 X 210	WEATHER SEAL - 210 INCHES LONG	1	
78	*46753	DOOR - R.H.	1	
79	*46754	DOOR - L.H.	1	
80	13A-0212	COTTER PIN	1	
81	52L-0803	MACHINE SCREW	2	
82	14F-08	LOCKWASHER	2	
83	50D-0408	BOLT	4	
84	*50A-0406	BOLT	3	
85	14A-04	LOCKWASHER	4	
86	14C-04	FLATWASHER	1	
87	*36D-04	NUT	5	
		WINDSHIELD INSTALLATION		OPTIONAL
88	15388 X 168	LOCKING STRIP - 168 INCHES LONG	1	
89	19176 X 180	WEATHER STRIP - 180 INCHES LONG	1	
90	19784	ADJUSTING SLIDE	2	
91	19890	KNOB	2	
92	23017 X 168	RUBBER CHANNEL - 168 INCHES LONG	1	
93	33280	WINDSHIELD FRAME	1	
94	33281	GLASS	1	
95	33284	SPACER	2	
96	14C-06	FLATWASHER	4	
97	36D-06	NUT	2	
		MIRROR INSTALLATION		OPTIONAL
98	8596A	MIRROR - OUTSIDE	1	
99	8597A	MIRROR - INSIDE - INCLUDES ITEMS 104 & 105	1	
100	28656-1	MOUNTING BAR	1	
101	28760-1	BRACKET	1	
102	32323	BRACKET	2	
103	32892	INSTALLATION KIT - C/W CLAMPS & HARDWARE	1	
104	14A-05	LOCKWASHER	5	
105	30A-05	NUT	5	
106	62A-1006	SCREW	2	
		DOOR SAFETY CHAIN INSTALLATION		OPTIONAL
107	23257	LUG	4	
108	27217	SAFETY CHAIN	2	
109	14A-06	LOCKWASHER	4	
110	30A-06	NUT	8	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

COMPLETE CAB - R.O.P.S.

SEPTEMBER 1988

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 19133 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 11 PAGE 1
SECCION 11 PAGINA 1

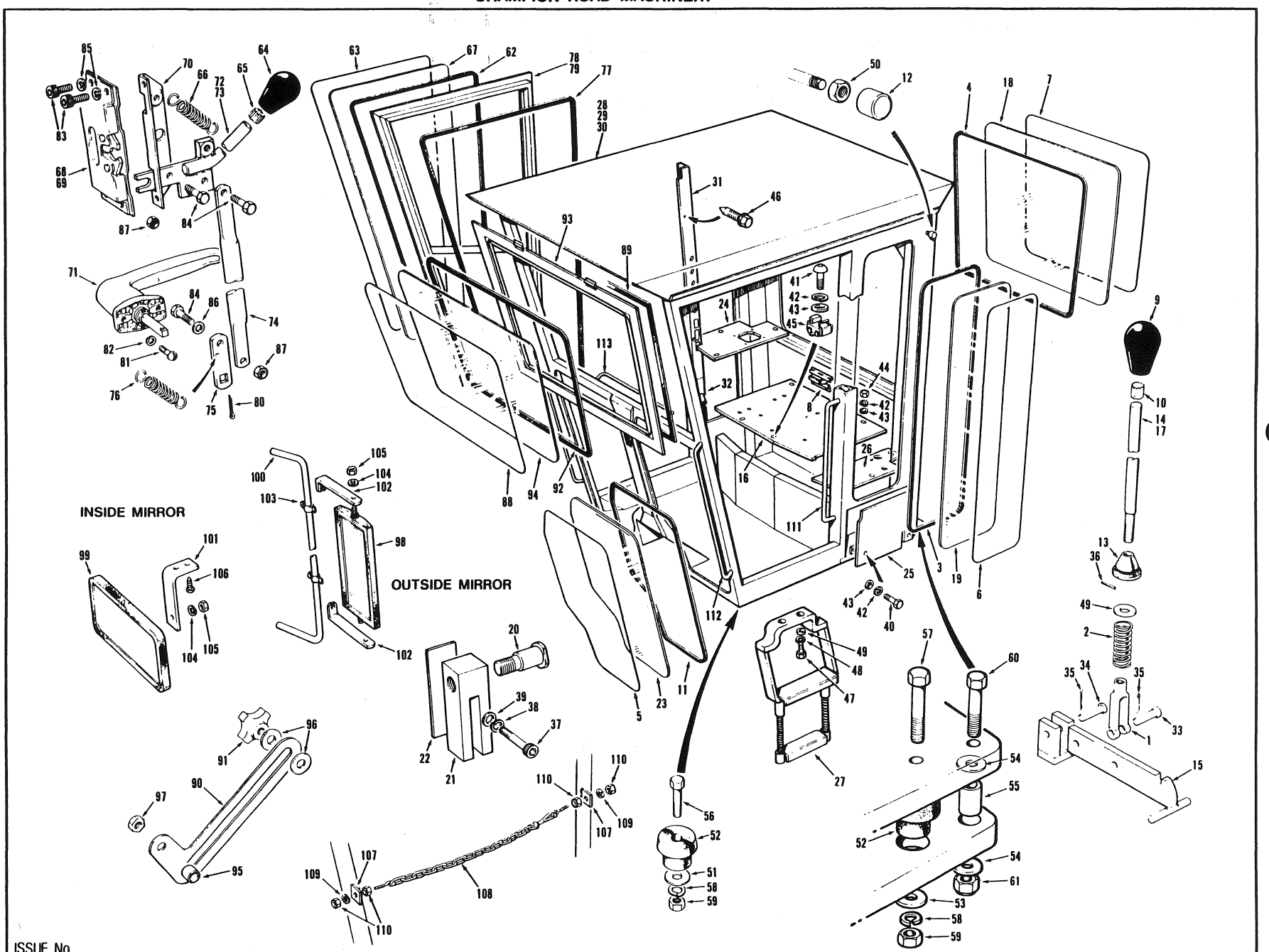
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

SECTION / SECCION 11 | PAGE / PAGINA 2 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 4

COMPLETE CAB - R.O.P.S.

SEPTEMBER 1988

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	1412	YOKE	2	
2	8065	SPRING	2	
3	15386 X 148	RUBBER CHANNEL - 148 INCHES LONG	2	
4	15386 X 180	RUBBER CHANNEL - 180 INCHES LONG	1	
5	15388 X 120	LOCKING STRIP - 120 INCHES LONG	2	
6	15388 X 148	LOCKING STRIP - 148 INCHES LONG	2	
7	15388 X 180	LOCKING STRIP - 180 INCHES LONG	1	
8	16488	VENT DOOR	1	
9	17587	KNOB	2	
10	17588	INSERT	2	
11	23017 X 120	RUBBER CHANNEL - 120 INCHES LONG	2	
12	26019	DOOR BUMPER	4	
13	26920	GROMMET	2	
14	26921	RELEASE ROD - L.H.	1	
15	26938	LATCH	2	
16	41250	SEAT DECK - CENTER SECTION	1	
17	27602	RELEASE ROD - R.H.	1	
18	28571	GLASS - REAR	1	
19	28573	GLASS - SIDE	2	
20	28580	STRIKER PIN	2	
21	28597	BLOCK - DOOR CATCH	2	
22	28598	SHIM	4	
23	32416	GLASS - FRONT	2	
24	40097	SPLIT SEAT DECK SECTION - R.H.	1	
25	41370	SIDE PANEL - BOTTOM	2	
26	46560	SPLIT SEAT DECK SECTION - L.H.	1	
27	46751	STEP	2	
28	46775	CAB WELDED ASS'Y - COMPLETE CAB	1	
29	46776	CAB WELDED ASS'Y - CAB SHELL	1	
30	46781	CAB WELDED ASS'Y - AIR CONDITIONER	1	
31	*48803	UPPER COVER PLATE	1	
32	*48788	LOWER COVER PLATE	1	
33	10A-0616	CLEVIS PIN	2	
34	10A-0622	CLEVIS PIN	2	
35	13A-0316	COTTER PIN	4	
36	13C-0416	ROLL PIN	2	
37	50A-0410	BOLT	4	
38	14J-04	LOCKWASHER	4	
39	14C-04	FLATWASHER	4	
40	50A-0506	BOLT	8	
41	50F-0508	BOLT	4	
42	14A-05	LOCKWASHER	16	
43	14C-05	FLATWASHER	18	
44	30A-05	NUT	6	
45	38A-0503	CAGENUT	4	
46	62A-1006	SCREW	8	
47	50A-0810	BOLT	4	
48	14A-08	LOCKWASHER	4	
49	14C-08	FLATWASHER	6	
50	30D-08	NUT	4	
		CAB MOUNTS		
51	11967	WASHER	2	
52	11970	RUBBER MOUNT	4	
53	30075	FLATWASHER	2	
54	*49380	FLATWASHER	12	
55	46800	SPACER	8	
56	50A-1232	BOLT	2	
57	50A-1236	BOLT	2	
58	14A-12	LOCKWASHER	4	
59	30A-12	NUT	4	
60	50A-1836	BOLT	8	
61	36N-18	NUT	8	
		DOORS		OPTIONAL
62	15386 X 192	RUBBER CHANNEL - 192 INCHES LONG	1	
63	15388 X 192	LOCKING STRIP - 192 INCHES LONG	1	
64	17587	KNOB	1	
65	17588	INSERT	1	
66	23294	SPRING	1	
67	28574	GLASS	1	
68	28577	LATCH - R.H.	1	
69	28578	LATCH - L.H.	1	
70	28579	MOUNTING PLATE	1	
71	28581	HANDLE	1	
72	28582	LEVER - L.H.	1	
73	28583	LEVER - R.H.	1	
74	28586	ROD	1	
75	28588	LEVER	1	
76	28630	SPRING	1	
77	45378 X 210	WEATHER SEAL - 210 INCHES LONG	1	
78	46753	DOOR - R.H.	1	
79	46754	DOOR - L.H.	1	
80	13A-0212	COTTER PIN	1	
81	52L-0803	MACHINE SCREW	2	
82	14F-08	LOCKWASHER	2	
83	50D-0408	BOLT	2	
84	50A-0406	BOLT	3	
85	14A-04	LOCKWASHER	4	
86	14C-04	FLATWASHER	1	
87	36D-04	NUT	5	
		WINDSHIELD INSTALLATION		OPTIONAL
88	15388 X 168	LOCKING STRIP - 168 INCHES LONG	1	
89	19176 X 180	WEATHER STRIP - 180 INCHES LONG	1	
90	19784	ADJUSTING SLIDE	2	
91	19890	KNOB	2	
92	23017 X 168	RUBBER CHANNEL - 168 INCHES LONG	1	
93	33280	WINDSHIELD FRAME	1	
94	33281	GLASS	1	
95	33284	SPACER	2	
96	14C-06	FLATWASHER	4	
97	36D-06	NUT	2	
		MIRROR INSTALLATION		OPTIONAL
98	8596A	MIRROR - OUTSIDE	1	
99	8597A	MIRROR - INSIDE - INCLUDES ITEMS 104 & 105	1	
100	28656-1	MOUNTING BAR	1	
101	28760-1	BRACKET	1	
102	32323	BRACKET	2	
103	32892	INSTALLATION KIT - C/W CLAMPS & HARDWARE	1	
104	14A-05	LOCKWASHER	5	
105	30A-05	NUT	5	
106	62A-1006	SCREW	2	
		DOOR SAFETY CHAIN INSTALLATION		OPTIONAL
107	23257	LUG	4	
108	27217	SAFETY CHAIN	2	
109	14A-06	LOCKWASHER	4	
110	30A-06	NUT	8	
111	*46837	HANDLE - GRAB	2	REPAIR PART
112	*46838	HANDLE - GRAB	2	REPAIR PART
113	*46874	HANDLE - GRAB	1	REPAIR PART



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **5 REVISION A**

COMPLETE CAB - R.O.P.S.

MAY 1989

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

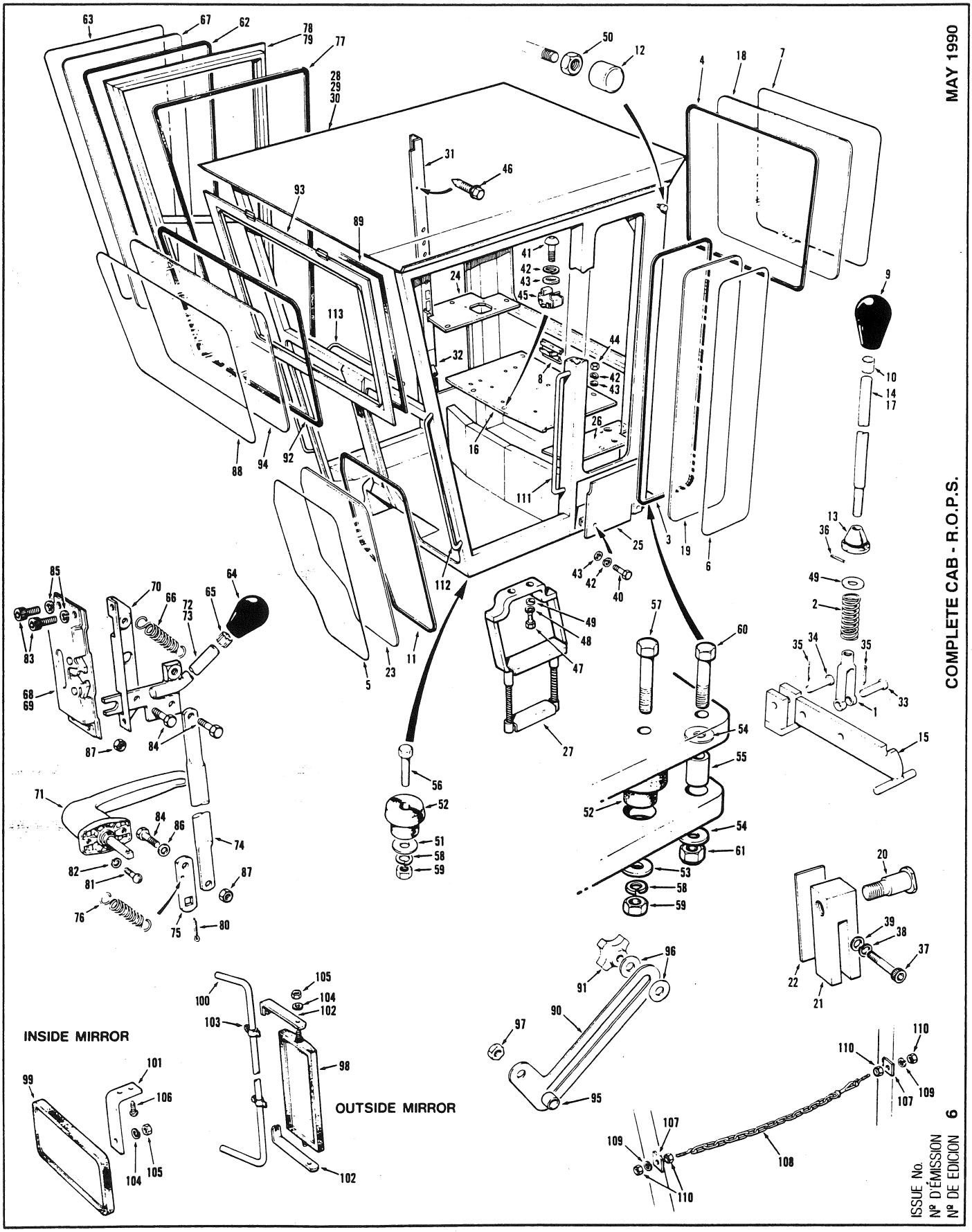
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NUMERO(S) DE SERIE EFECTIVO(S) 19592, 19594 to 19610, 19612 to
19614, 19616, 19618 & UP

700 SERIES
SERIE 700

SECTION 11 PAGE 1
SECCION 11 PAGINA 1

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	1412	YOKE	2	
2	8065	SPRING	2	
3	15386 X 148	RUBBER CHANNEL - 148 INCHES LONG	2	
4	15386 X 180	RUBBER CHANNEL - 180 INCHES LONG	1	
5	15388 X 120	LOCKING STRIP - 120 INCHES LONG	2	
6	15388 X 148	LOCKING STRIP - 148 INCHES LONG	2	
7	15388 X 180	LOCKING STRIP - 180 INCHES LONG	1	
8	16488	VENT DOOR	1	
9	48556	KNOB	2	
10	17588	INSERT	2	
11	23017 X 120	RUBBER CHANNEL - 120 INCHES LONG	2	
12	26019	DOOR BUMPER	4	
13	26920	GROMMET	2	
14	26921	RELEASE ROD - L.H.	1	
15	26938	LATCH	2	
16	41250	SEAT DECK - CENTER SECTION	1	
17	27602	RELEASE ROD - R.H.	1	
18	28571	GLASS - REAR	1	
19	28573	GLASS - SIDE	2	
20	28580	STRIKER PIN	2	
21	28597	BLOCK - DOOR CATCH	2	
22	28598	SHIM	4	
23	32416	GLASS - FRONT	2	
24	40097	SPLIT SEAT DECK SECTION - R.H.	1	
25	41370	SIDE PANEL - BOTTOM	2	
26	46560	SPLIT SEAT DECK SECTION - L.H.	1	
27	46751	STEP	2	UP TO S/N 19518
	*51111	STEP L.H.	1	S/N 19519 & UP
	*51112	STEP R.H.	1	S/N 19519 & UP
28	49774	CAB WELDED ASS'Y - COMPLETE CAB	1	
29	49775	CAB WELDED ASS'Y - CAB SHELL	1	
30	49780	CAB WELDED ASS'Y - AIR CONDITIONER	1	
31	48803	UPPER COVER PLATE	1	
32	48788	LOWER COVER PLATE	1	
33	10A-0616	CLEVIS PIN	2	
34	10A-0622	CLEVIS PIN	2	
35	13A-0316	COTTER PIN	4	
36	13C-0416	ROLL PIN	2	
37	50A-0410	BOLT	4	
38	14J-04	LOCKWASHER	4	
39	14C-04	FLATWASHER	4	
40	50A-0506	BOLT	8	
41	50F-0508	BOLT	4	
42	14A-05	LOCKWASHER	16	
43	14C-05	FLATWASHER	18	
44	30A-05	NUT	6	
45	38A-0503	CAGENUT	4	
46	62A-1006	SCREW	8	
47	50A-0810	BOLT	4	
48	14A-08	LOCKWASHER	4	
49	14C-08	FLATWASHER	6	
50	30D-08	NUT	4	
		CAB MOUNTS		
51	11967	WASHER	2	
52	11970	RUBBER MOUNT	4	
53	30075	FLATWASHER	2	
54	*49380	FLATWASHER	12	
55	*46800	SPACER	8	
56	50A-1232	BOLT	2	
57	50A-1236	BOLT	2	
58	14A-12	LOCKWASHER	4	
59	30A-12	NUT	4	
60	50A-1836	BOLT	8	
61	36N-18	NUT	8	
		DOORS		OPTIONAL
62	15386 X 192	RUBBER CHANNEL - 192 INCHES LONG	1	
63	15388 X 192	LOCKING STRIP - 192 INCHES LONG	1	
64	48556	KNOB	1	
65	17588	INSERT	1	
66	28630	SPRING	1	
67	28574	GLASS	1	
68	28577	LATCH - R.H.	1	
69	28578	LATCH - L.H.	1	
70	28579	MOUNTING PLATE	1	
71	28581	HANDLE	1	
72	28582	LEVER - L.H.	1	
73	28583	LEVER - R.H.	1	
74	28586	ROD	1	
75	28588	LEVER	1	
76	28630	SPRING	1	
77	45378 X 210	WEATHER SEAL - 210 INCHES LONG	1	
78	46753	DOOR - R.H.	1	
79	46754	DOOR - L.H.	1	
80	13A-0212	COTTER PIN	1	
81	52L-0803	MACHINE SCREW	2	
82	14F-08	LOCKWASHER	2	
83	50D-0408	BOLT	2	
84	50A-0406	BOLT	3	
85	14A-04	LOCKWASHER	4	
86	14C-04	FLATWASHER	1	
87	36D-04	NUT	5	
		WINDSHIELD INSTALLATION		
88	15388 X 168	LOCKING STRIP - 168 INCHES LONG	1	
89	19176 X 180	WEATHER STRIP - 180 INCHES LONG	1	
90	19784	ADJUSTING SLIDE	2	
91	19890	KNOB	2	
92	23017 X 168	RUBBER CHANNEL - 168 INCHES LONG	1	
93	33280	WINDSHIELD FRAME	1	
94	33281	GLASS	1	
95	33284	SPACER	2	
96	14C-06	FLATWASHER	4	
97	36D-06	NUT	2	
		MIRROR INSTALLATION		
98	8596A	MIRROR - OUTSIDE	1	
99	8597A	MIRROR - INSIDE - INCLUDES ITEMS 104 & 105	1	
100	28656-1	MOUNTING BAR	1	
101	28760-1	BRACKET	1	
102	*49792	BRACKET	2	
103	32892	INSTALLATION KIT - C/W CLAMPS & HARDWARE	1	
104	14A-05	LOCKWASHER	5	
105	30A-05	NUT	5	
106	62A-1006	SCREW	2	
		DOOR SAFETY CHAIN INSTALLATION		
107	23257	LUG	4	
108	27217	SAFETY CHAIN	2	
109	14A-06	LOCKWASHER	4	
110	30A-06	NUT	8	
111	46837	HANDLE - GRAB	2	REPAIR PART
112	46838	HANDLE - GRAB	2	
113	46874	HANDLE - GRAB	1	



CHAMPION ROAD MACHINERY

MAY 1990

COMPLETE CAB - R.O.P.S.

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No. 6
Nº D'ÉMISSION
Nº DE EDICION

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20606 & UP

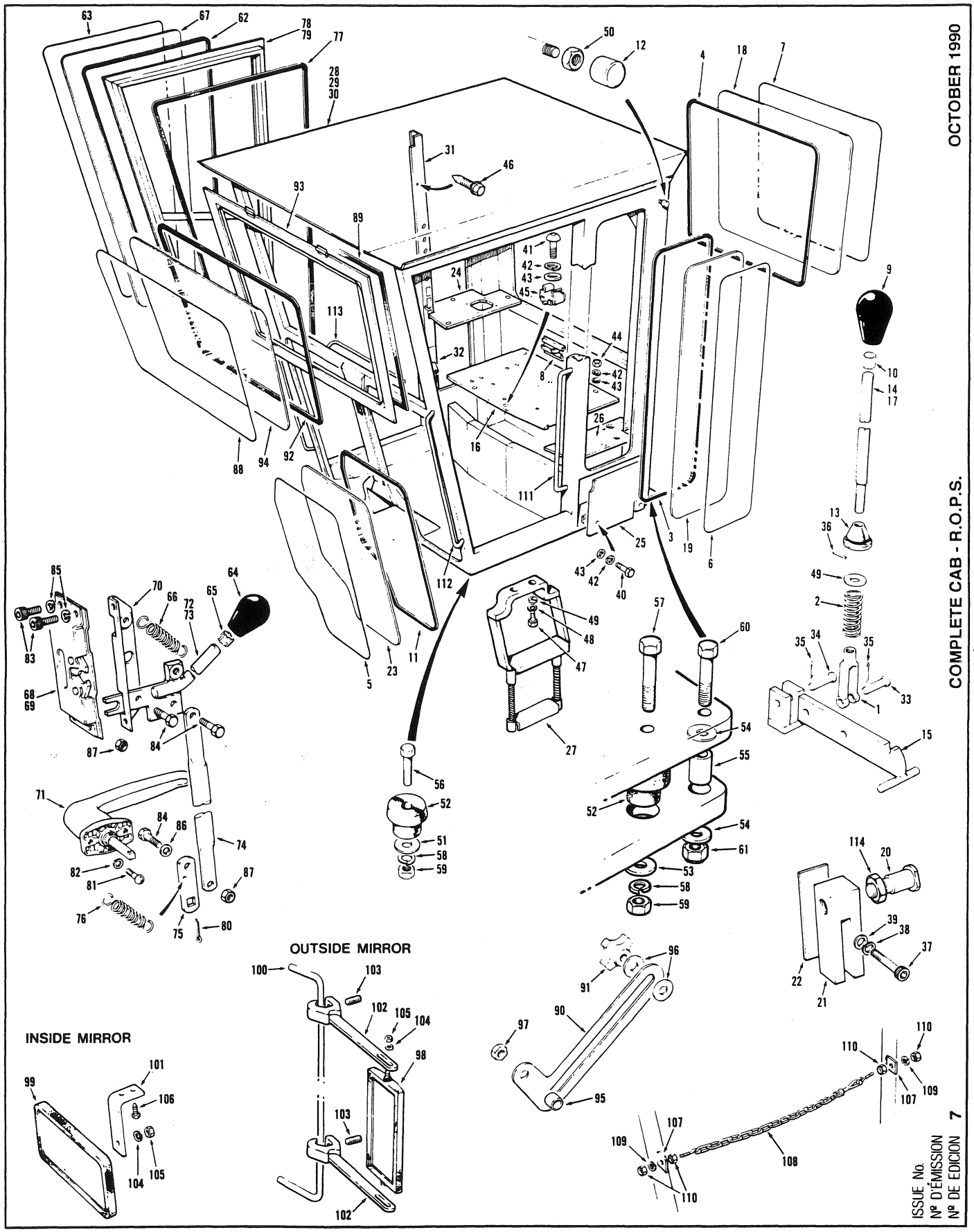
700 SERIES
SERIE 700

SECTION 11 PAGE 1
SECCION PAGINA

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

COMPLETE CAB - R.O.P.S.

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	1412	YOKE	2	
2	8065	SPRING	2	
3	15386 x 148	RUBBER CHANNEL - 148" LONG	2	
4	15386 x 180	RUBBER CHANNEL - 180" LONG	1	
5	15388 x 120	LOCKING STRIP- 120" LONG	2	
6	15388 x 148	LOCKING STRIP - 148" LONG	2	
7	15388 x 180	LOCKING STRIP - 180" LONG	1	
8	16488	VENT DOOR	1	
9	48556	KNOB	2	
10	17588	INSERT	2	
11	23017 x 120	RUBBER CHANNEL - 120" LONG	2	
12	26019	DOOR BUMPER	4	
13	26920	GROMMET	2	
14	26921	RELEASE ROD - L.H.	1	
15	26938	LATCH	2	
16	*55236	SEAT DECK - CENTER SECTION	1	
17	27602	RELEASE ROD - R.H.	1	
18	28571	GLASS - REAR	1	
19	28573	GLASS - SIDE	2	
20	28580	STRIKER PIN	2	
21	28597	BLOCK - DOOR CATCH	2	
22	28598	SHIM	4	
23	32416	GLASS - FRONT	2	
24	*56703	SPLIT SEAT DECK SECTION - R.H.	1	
25	41370	SIDE PANEL - BOTTOM	2	
26	*54521	SPLIT SEAT DECK SECTION - L.H.	1	
27	51111	STEP - L.H.	1	
	51112	STEP - R.H.	1	
28	49774	CAB WELDED ASSEMBLY - COMPLETE CAB	1	
29	49775	CAB WELDED ASSEMBLY - CAB SHELL	1	
30	49780	CAB WELDED ASSEMBLY - AIR CONDITIONER	1	
31	48803	UPPER COVER PLATE	1	
32	48788	LOWER COVER PLATE	1	
33	10A-0616	CLEVIS PIN	2	
34	10A-0622	CLEVIS PIN	2	
35	13A-0316	COTTER PIN	4	
36	13C-0416	ROLL PIN	2	
37	50A-0410	BOLT	4	
38	14J-04	LOCKWASHER	4	
39	14C-04	FLATWASHER	4	
40	50A-0506	BOLT	8	
41	50F-0508	BOLT	4	
42	14A-05	LOCKWASHER	16	
43	14C-05	FLATWASHER	18	
44	30A-05	NUT	6	
45	38A-0503	CAGE NUT	4	
46	62A-1006	SCREW	8	
47	50A-0810	BOLT	4	
48	14A-08	LOCKWASHER	4	
49	14C-08	FLATWASHER	6	
50	30D-08	NUT	4	
		CAB MOUNTS		
51	11967	WASHER	2	
52	11970	RUBBER MOUNT	4	
53	30075	FLATWASHER	2	
54	49380	FLATWASHER	12	
55	46800	SPACER	8	
56	50A-1232	BOLT	2	
57	50A-1236	BOLT	2	
58	14A-12	LOCKWASHER	4	
59	30A-12	NUT	4	
60	*57005	BOLT	8	
61	*57004	NUT	8	
		DOORS		OPTIONAL
62	15386 x 192	RUBBER CHANNEL - 192" LONG	1	
63	15388 x 192	LOCKING STRIP - 192" LONG	1	
64	48556	KNOB	1	
65	17588	INSERT	1	
66	28630	SPRING	1	
67	28574	GLASS - SIDE	1	
68	28577	LATCH - R.H.	1	
69	28578	LATCH - L.H.	1	
70	28579	MOUNTING PLATE	1	
71	28581	HANDLE	1	
72	28582	LEVER - L.H.	1	
73	28583	LEVER - R.H.	1	
74	28586	ROD	1	
75	28588	LEVER	1	
76	28630	SPRING	1	
77	45378 x 210	WEATHER SEAL - 210" LONG	1	
78	46753	DOOR - R.H.	1	
79	46754	DOOR - L.H.	1	
80	13A-0212	COTTER PIN	1	
81	52L-0803	MACHINE SCREW	2	
82	14F-08	LOCKWASHER	2	
83	50D-0408	BOLT	2	
84	50A-0406	BOLT	2	
85	14A-04	LOCKWASHER	4	
86	14C-04	FLATWASHER	1	
87	36D-04	NUT	5	
		WINDSHIELD INSTALLATION		
88	15388 x 168	LOCKING STRIP - 168" LONG	1	
89	19176 x 180	WEATHER STRIP - 180" LONG	1	
90	19784	ADJUSTING SLIDE	2	
91	19890	KNOB	2	
92	23017 x 168	RUBBER CHANNEL - 168" LONG	1	
93	33280	WINDSHIELD FRAME	1	
94	33281	GLASS - FRONT TOP	1	
95	33284	SPACER	2	
96	14C-06	FLATWASHER	4	
97	36D-06	NUT	2	
		MIRROR INSTALLATION		
98	8596A	MIRROR - OUTSIDE	1	
99	8597A	MIRROR - INSIDE - INCLUDES ITEMS 104 & 105	1	
100	28656-1	MOUNTING BAR	1	
101	28760-1	BRACKET	1	
102	49792	BRACKET	2	
103	32892	INSTALLATION KIT - C/W CLAMPS & HARDWARE	1	
104	14A-05	LOCKWASHER	5	
105	30A-05	NUT	5	
106	62A-1006	SCREW	2	
		DOOR SAFETY CHAIN INSTALLATION		
107	23257	LUG	4	
108	27217	SAFETY CHAIN	2	
109	14A-06	LOCKWASHER	4	
110	30A-06	NUT	8	
111	46837	HANDLE - GRAB	2	REPAIR PART
112	46838	HANDLE - GRAB	2	REPAIR PART
113	46874	HANDLE - GRAM	1	REPAIR PART



CHAMPION ROAD MACHINERY

COMPLETE CAB - R.O.P.S.

OCTOBER 1990

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION 7
Nº DE EDICION

EFFECTIVE SERIAL NUMBER(S) 20719 TO 20892,
NUMERO(S) DE SÉRIE EFFECTIF(S) EXCLUDING 20731
NUMERO(S) DE SERIE EFECTIVO(S)

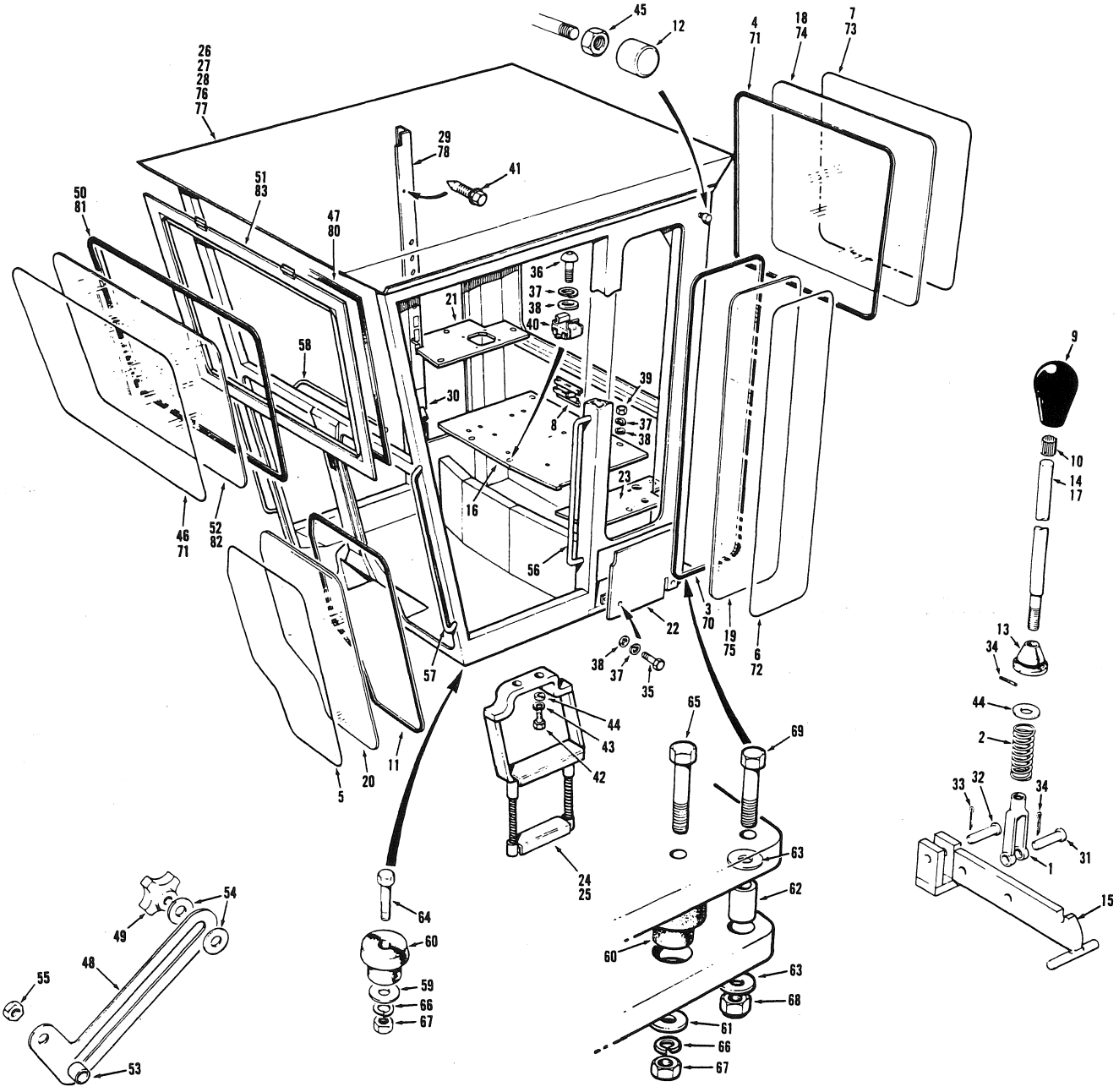
700 SERIES
SERIE 700

SECTION 11 PAGE 1
SECCION PAGINA

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	1412	YOKE	2	
2	8065	SPRING	2	
3	15386 x 148	RUBBER CHANNEL - 148" LONG	2	
4	15386 x 180	RUBBER CHANNEL - 180" LONG	1	
5	15388 x 120	LOCKING STRIP- 120" LONG	2	
6	15388 x 148	LOCKING STRIP - 148" LONG	2	
7	15388 x 180	LOCKING STRIP - 180" LONG	1	
8	16488	VENT DOOR	1	
9	48556	KNOB	2	
10	17588	INSERT	2	
11	23017 x 120	RUBBER CHANNEL - 120" LONG	2	
12	26019	DOOR BUMPER	4	
13	26920	GROMMET	2	
14	26921	RELEASE ROD - L.H.	1	
15	26938	LATCH	2	
16	55236	SEAT DECK - CENTER SECTION	1	
17	27602	RELEASE ROD - R.H.	1	
18	28571	GLASS - REAR	1	
19	28573	GLASS - SIDE	2	
20	28580	STRIKER PIN	2	
21	28597	BLOCK - DOOR CATCH	2	
22	28598	SHIM	4	
23	32416	GLASS - FRONT	2	
24	56703	SPLIT SEAT DECK SECTION - R.H.	1	
25	41370	SIDE PANEL - BOTTOM	2	
26	*57258	SPLIT SEAT DECK SECTION - L.H.	1	
27	51111	STEP - L.H.	1	
	51112	STEP - R.H.	1	
28	49774	CAB WELDED ASSEMBLY - COMPLETE CAB	1	
29	49775	CAB WELDED ASSEMBLY - CAB SHELL	1	
30	49780	CAB WELDED ASSEMBLY - AIR CONDITIONER	1	
31	48803	UPPER COVER PLATE	1	
32	48788	LOWER COVER PLATE	1	
33	10A-0616	CLEVIS PIN	2	
34	10A-0622	CLEVIS PIN	2	
35	13A-0316	COTTER PIN	4	
36	13C-0416	ROLL PIN	2	
37	50A-0410	BOLT	4	
38	14J-04	LOCKWASHER	4	
39	14C-04	FLATWASHER	4	
40	*50A-0506Zi	BOLT	8	
41	50F-0508	BOLT	4	
42	*14A-05Zi	LOCKWASHER	16	
43	14C-05	FLATWASHER	18	
44	30A-05	NUT	6	
45	38A-0503	CAGE NUT	4	
46	62A-1006	SCREW	8	
47	50A-0810	BOLT	4	
48	14A-08	LOCKWASHER	4	
49	14C-08	FLATWASHER	6	
50	30D-08	NUT	4	
		CAB MOUNTS		
51	11967	WASHER	2	
52	11970	RUBBER MOUNT	4	
53	30075	FLATWASHER	2	
54	49380	FLATWASHER	12	
55	46800	SPACER	8	
56	50A-1232	BOLT	2	
57	50A-1236	BOLT	2	
58	14A-12	LOCKWASHER	4	
59	30A-12	NUT	4	
60	57005	BOLT	8	
61	57004	NUT	8	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		DOORS		OPTIONAL
62	15386 x 192	RUBBER CHANNEL - 192" LONG	1	
63	15388 x 192	LOCKING STRIP - 192" LONG	1	
64	48556	KNOB	1	
65	17588	INSERT	1	
66	28630	SPRING	1	
67	28574	GLASS - SIDE	1	
68	28577	LATCH - R.H.	1	
69	28578	LATCH - L.H.	1	
70	28579	MOUNTING PLATE	1	
71	28581	HANDLE	1	
72	28582	LEVER - L.H.	1	
73	28583	LEVER - R.H.	1	
74	28586	ROD	1	
75	28588	LEVER	1	
76	28630	SPRING	1	
77	45378 x 210	WEATHER SEAL - 210" LONG	1	
78	46753	DOOR - R.H.	1	
79	46754	DOOR - L.H.	1	
80	13A-0212	COTTER PIN	1	
81	52L-0803	MACHINE SCREW	2	
82	14F-08	LOCKWASHER	2	
83	50D-0408	BOLT	2	
84	50A-0406	BOLT	2	
85	14A-04	LOCKWASHER	4	
86	14C-04	FLATWASHER	1	
87	36D-04	NUT	5	
		WINDSHIELD INSTALLATION		
88	15388 x 168	LOCKING STRIP - 168" LONG	1	
89	19176 x 180	WEATHER STRIP - 180" LONG	1	
90	19784	ADJUSTING SLIDE	2	
91	19890	KNOB	2	
92	23017 x 168	RUBBER CHANNEL - 168" LONG	1	
93	33280	WINDSHIELD FRAME	1	
94	33281	GLASS - FRONT TOP	1	
95	33284	SPACER	2	
96	14C-06	FLATWASHER	4	
97	36D-06	NUT	2	
		MIRROR INSTALLATION		
98	8596A	MIRROR - OUTSIDE	1	
99	8597A	MIRROR - INSIDE - INCLUDES ITEMS 104 & 105	1	
100	28656-1	MOUNTING BAR	1	
101	28760-1	BRACKET	1	
102	*57325	BRACKET	2	
103	*70E-0616	SET SCREW	2	
104	14A-05	LOCKWASHER	5	
105	30A-05	NUT	5	
106	*62A-1008	SCREW	2	
		DOOR SAFETY CHAIN INSTALLATION		
107	23257	LUG	4	
108	27217	SAFETY CHAIN	2	
109	14A-06	LOCKWASHER	4	
110	30A-06	NUT	8	
111	46837	HANDLE - GRAB	2	Repair Part
112	46838	HANDLE - GRAB	2	Repair Part
113	46874	HANDLE - GRAB	1	Repair Part
114	*31D-08	LOCKNUT	2	

COMPLETE CAB - R.O.P.S.



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

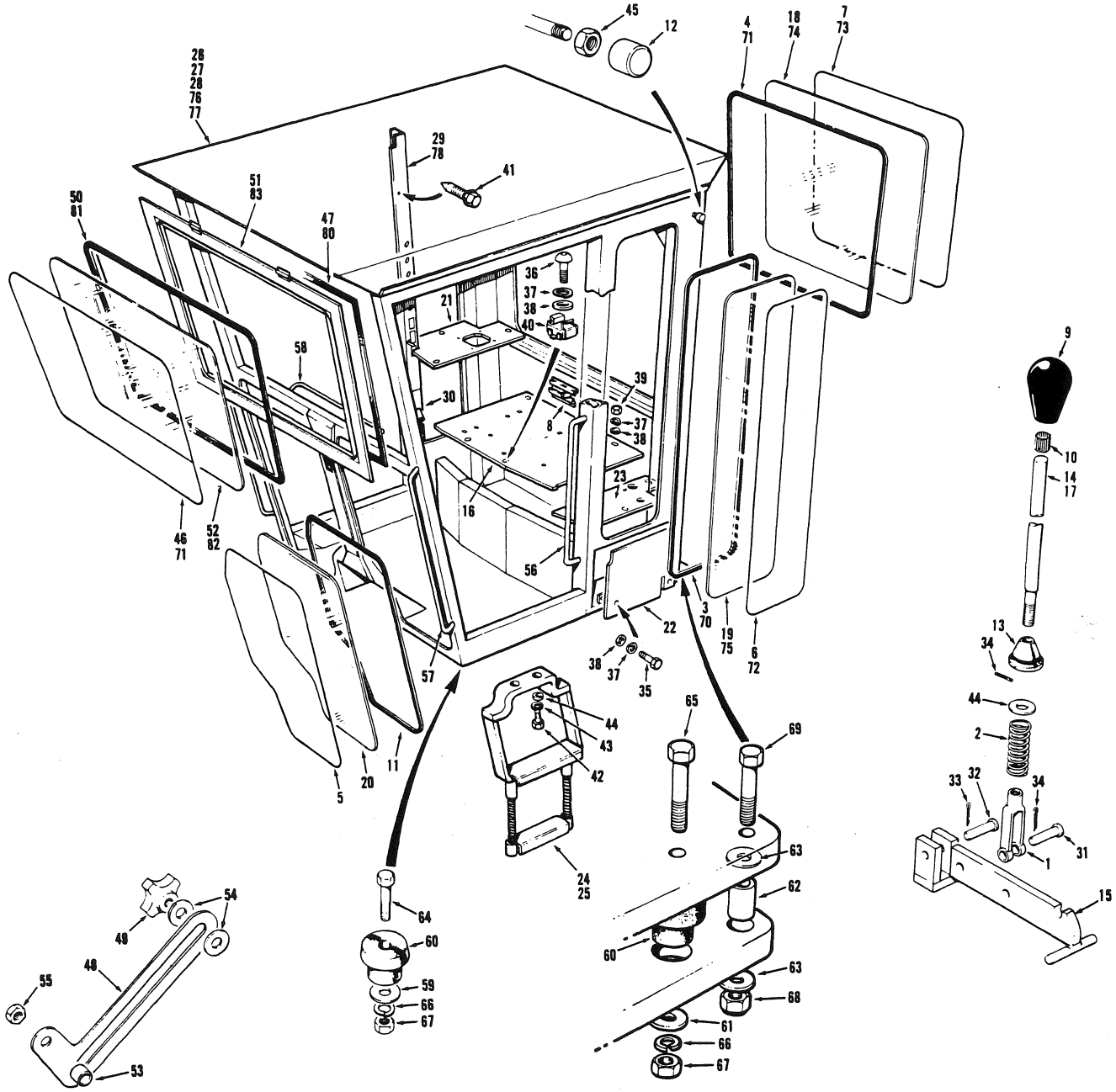
20893 TO 21077, 21079, 21081, 21083, 21085, 21087, 21089 TO 21091

700 SERIES
SERIE 700

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

COMPLETE CAB - R.O.P.S.

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	1412	YOKE	2	
2	8065	SPRING	2	
3	15386 x 148	RUBBER CHANNEL	2	
4	15386 x 180	RUBBER CHANNEL	1	
5	15388 x 120	LOCKING STRIP	2	
6	15388 x 148	LOCKING STRIP	2	
7	15388 x 180	LOCKING STRIP	1	
8	16488	VENT DOOR	1	
9	48556	KNOB	2	
10	17588	INSERT	2	
11	23017 x 120	RUBBER CHANNEL	2	
12	26019	DOOR BUMPER	4	
13	26920	GROMMET	2	
14	26921	RELEASE ROD - L.H.	1	
15	26938	LATCH	2	
16	55236	SEAT DECK - CENTER SECTION	1	
17	27602	RELEASE ROD - R.H.	1	
18	28571	GLASS-REAR	1	
19	28573	GLASS-SIDE	2	
20	32416	GLASS-FRONT	2	
21	56703	SEAT DECK - R.H.	1	
22	41370	SIDE PANEL-BOTTEM	2	
23	57258	SPLIT SEAT DECK SECTION - L.H.	1	
24	51111	STEP - L.H.	1	
25	51112	STEP - R.H.	1	
26	* 57177	**CAB WELDED ASSEMBLY** - COMPLETE CAB	1	
27	* 57179	**CAB WELDED ASSEMBLY** - CAB SHELL	1	
28	* 57181	**CAB WELDED ASSEMBLY** - AIR CONDITIONER	1	
29	* 57519	UPPER COVER PLATE	1	
30	* 57518	LOWER COVER PLATE	1	
31	10A-0616	CLEVIS PIN	2	
32	10A-0622	CLEVIS PIN	2	
33	13A-0316	COTTER PIN	4	
34	13C-0416	ROLL PIN	2	
35	50A-0506 Zi	BOLT	8	
36	50F-0508	BOLT	4	
37	14A-05 Zi	LOCKWASHER	16	
38	14C-05	FLATWASHER	18	
39	30A-05	NUT	6	
40	38A0503	CAGE NUT	4	
41	62A-1006	SCREW	8	
42	50A-0810	BOLT	4	
43	14A-08	LOCKWASHER	4	
44	14C-08	FLAT WASHER	6	
45	30D-08	NUT	4	
46	15388 x 168	LOCKING STRIP	1	
47	19176 x 180	WEATHER STRIP	1	
48	19784	ADJUSTING SLIDE	2	
49	19890	KNOB	2	
50	23017 x 168	RUBBER CHANEL	1	
51	33280	WINDSHIELD FRAME	1	
52	33281	GLASS-FRONT TOP	1	
52	33284	SPACER	2	
54	14C-06	FLATWASHER	4	
55	36D-06	NUT	2	
56	46837	HANDLE-GRAB	2	
57	46838	HANDLE-GRAB	2	
58	46874	HANDLE-GRAB	1	
		CAB MOUNTS		
59	11967	WASHER	2	
60	11970	RUBBER MOUNTS	4	
61	30075	FLAT WASHER	2	
62	46800	SPACER	8	
63	49380	FLAT WASHER	12	
64	50A-1232	BOLT	2	
65	50A-1236	BOLT	2	
66	14A-12	LOCKWASHER	4	
67	30A-12	NUT	4	
68	57004	NUT	8	
69	57005	BOLT	8	
		LOW PROFILE CAB		
70	* 15386 x 124	RUBBER CHANNEL	2	
71	* 15386 x 156	RUBBER CHANNEL	1	
72	* 15388 x 124	LOCKING STRIP	2	
73	* 15388 x 156	LOCKING STRIP	1	
74	* 56502	GLASS-REAR	1	
75	* 56501	GLASS-SIDE	2	
76	* 56200	**CAB WELDED ASSEMBLY**	1	
77	* 57412	**CAB WELDED ASSEMBLY** - AIR CONDITIONER	1	
78	* 57608	UPPER COVER PLATE	1	
79	15388 x 144	LOCKING STRIP	1	
80	19176 x 156	WEATHER STRIP	1	
81	23017 x 144	RUBBER CHANEL	1	
82	56500	GLASS - FRONT TOP	1	
83	57338	WINDSHIELD FRAME	1	



CHAMPION ROAD MACHINERY

JULY 1991

COMPLETE CAB - R.O.P.S.

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 9 REVISION A

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21078, 21080, 21082, 21084, 21086, 21088, 21092 & UP

700 SERIES
SERIE 700

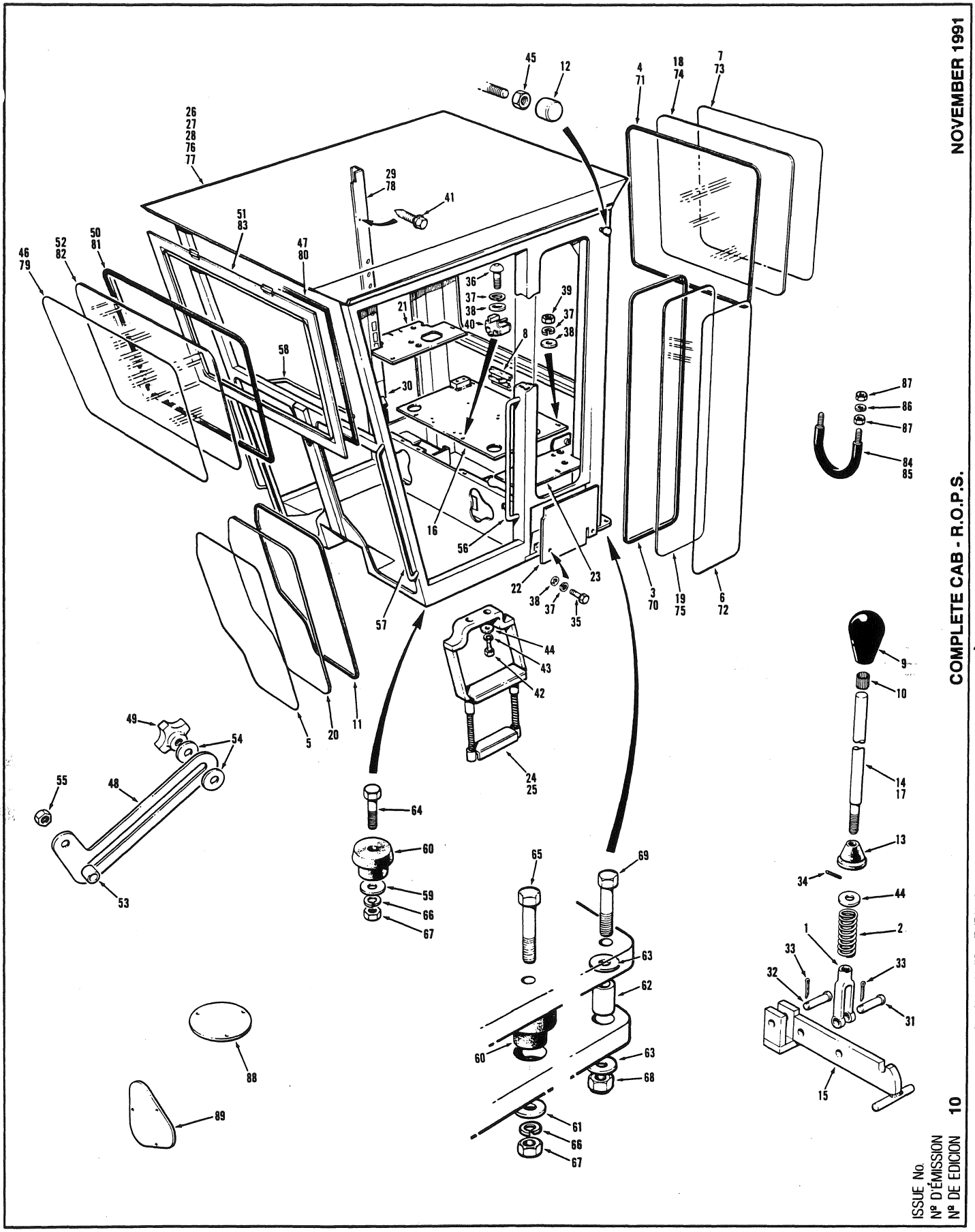
SECTION 11 PAGE 1
SECCION PAGINA

SECTION / SECCION **11** PAGE / PAGINA **2** ISSUE No. / N° D'ÉMISSION / N° DE EDICION **9 REVISION A**

COMPLETE CAB - R.O.P.S.

JULY 1991

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	1412	YOKE	2	
2	8065	SPRING	2	
3	15386 x 148	RUBBER CHANNEL	2	
4	15386 x 180	RUBBER CHANNEL	1	
5	15388 x 120	LOCKING STRIP	2	
6	15388 x 148	LOCKING STRIP	2	
7	15388 x 180	LOCKING STRIP	1	
8	16488	VENT DOOR	1	
9	48556	KNOB	2	
10	17588	INSERT	2	
11	23017 x 120	RUBBER CHANNEL	2	
12	26019	DOOR BUMPER	4	
13	26920	GROMMET	2	
14	26921	RELEASE ROD - L.H.	1	
15	26938	LATCH	2	
16	55236	SEAT DECK - CENTER SECTION	1	
17	27602	RELEASE ROD - R.H.	1	
18	28571	GLASS-REAR	1	
19	28573	GLASS-SIDE	2	
20	32416	GLASS-FRONT	2	
21	56703	SEAT DECK - R.H.	1	
22	41370	SIDE PANEL-BOTTEM	2	
23	57258	SPLIT SEAT DECK SECTION - L.H.	1	
24	51111	STEP - L.H.	1	
	*58794	STEP - L.H. FOR L.H. MAST INSTALLATION	1	S/N 21563 & UP
25	51112	STEP - R.H.	1	
26	57499	**CAB WELDED ASSEMBLY** - COMPLETE CAB	1	
27	*57968	**CAB WELDED ASSEMBLY** - R.O.P.S. CANOPY	1	
	*65069	**CAB WELDED ASSEMBLY** - NON R.O.P.S. CANOPY	1	
28	57501	**CAB WELDED ASSEMBLY** - AIR CONDITIONER	1	
29	57519	UPPER COVER PLATE	1	
30	57518	LOWER COVER PLATE	1	
31	10A-0616	CLEVIS PIN	2	
32	10A-0622	CLEVIS PIN	2	
33	13A-0316	COTTER PIN	4	
34	13C-0416	ROLL PIN	2	
35	50A-0506 ZI	BOLT	8	
36	50F-0508	BOLT	4	
37	14A-05 ZI	LOCKWASHER	16	
38	14C-05	FLATWASHER	18	
39	30A-05	NUT	6	
40	38A0503	CAGE NUT	4	
41	62A-1006	SCREW	8	
42	50A-0810	BOLT	4	
43	14A-08	LOCKWASHER	4	
44	14C-08	FLAT WASHER	6	
45	30D-08	NUT	4	
46	15388 x 168	LOCKING STRIP	1	
47	57684 x 180	WEATHER STRIP	1	
48	19784	ADJUSTING SLIDE	2	
49	19890	KNOB	2	
50	23017 x 168	RUBBER CHANEL	1	
51	33280	WINDSHIELD FRAME	1	
52	33281	GLASS-FRONT TOP	1	
52	33284	SPACER	2	
54	14C-06	FLATWASHER	4	
55	36D-06	NUT	2	
56	46837	HANDLE-GRAB	2	
57	46838	HANDLE-GRAB	2	
58	46874	HANDLE-GRAB	1	
		CAB MOUNTS		
59	11967	WASHER	2	
60	11970	RUBBER MOUNTS	4	
61	30075	FLAT WASHER	2	
62	46800	SPACER	8	
63	49380	FLAT WASHER	12	
64	50A-1232	BOLT	2	
65	50A-1236	BOLT	2	
66	14A-12	LOCKWASHER	4	
67	30A-12	NUT	4	
68	57004	NUT	8	
69	57005	BOLT	8	
		LOW PROFILE CAB		
70	15386 x 124	RUBBER CHANNEL	2	
71	15386 x 156	RUBBER CHANNEL	1	
72	15388 x 124	LOCKING STRIP	2	
73	15388 x 156	LOCKING STRIP	1	
74	56502	GLASS-REAR	1	
75	56501	GLASS-SIDE	2	
76	57498	**CAB WELDED ASSEMBLY**	1	
77	57506	**CAB WELDED ASSEMBLY** - AIR CONDITIONER	1	
78	57608	UPPER COVER PLATE	1	
79	15388 x 144	LOCKING STRIP	1	
80	57684 x 156	WEATHER STRIP	1	
81	23017 x 144	RUBBER CHANEL	1	
82	56500	GLASS - FRONT TOP	1	
83	57338	WINDSHIELD FRAME	1	



CHAMPION R. MACHINERY

COMPLETE CAB - R.O.P.S.

NOVEMBER 1991

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 10

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21911 & UP

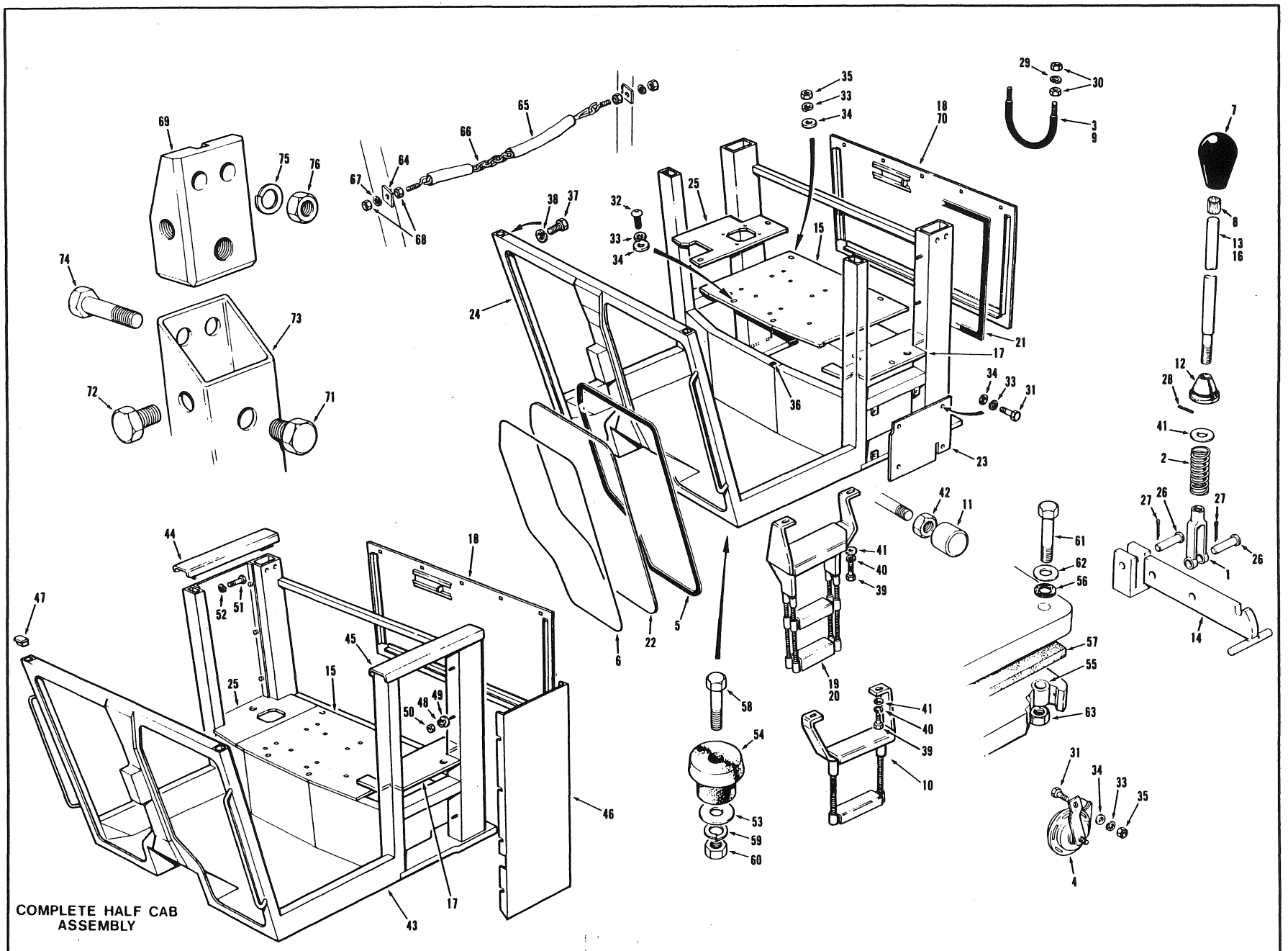
700 SERIES
SERIE 700

SECTION SECCION 11 PAGE PAGINA 1

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

COMPLETE CAB - R.O.P.S.

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	1412	YOKE	2	
2	8065	SPRING	2	
3	15386 x 148	RUBBER CHANNEL	2	
4	15386 x 180	RUBBER CHANNEL	1	
5	15388 x 120	LOCKING STRIP	2	
6	15388 x 148	LOCKING STRIP	2	
7	15388 x 180	LOCKING STRIP	1	
8	16488	VENT DOOR	1	
9	48556	KNOB	2	
10	17588	INSERT	2	
11	23017 x 120	RUBBER CHANNEL	2	
12	26019	DOOR BUMPER	4	
13	26920	GROMMET	2	
14	26921	RELEASE ROD - L.H.	1	
15	26938	LATCH	2	
16	*65027	SEAT DECK - CENTER SECTION	1	
17	27602	RELEASE ROD - R.H.	1	
18	28571	GLASS - REAR	1	
19	28573	GLASS - SIDE	2	
20	32416	GLASS - FRONT	2	
21	*65031	SEAT DECK - R.H.	1	
22	41370	SIDE PANEL-BOTTOM	2	
23	*65035	SPLIT SEAT DECK SECTION - L.H.	1	
24	51111	STEP - L.H.	1	
	58794	STEP - L.H. - FOR L.H. MAST INSTALLATION	1	
25	51112	STEP - R.H.	1	
26	*65097	**CAB WELDED ASSEMBLY** - COMPLETE CAB	1	
27	*57968	**CAB WELDED ASSEMBLY** - R.O.P.S. CANOPY	1	
	*65069	**CAB WELDED ASSEMBLY** - NON R.O.P.S. CANOPY	1	
28	*65095	**CAB WELDED ASSEMBLY** - AIR CONDITIONER	1	
29	57519	UPPER COVER PLATE	1	
30	57518	LOWER COVER PLATE	1	
31	10A-0616	CLEVIS PIN	2	
32	10A-0622	CLEVIS PIN	2	
33	13A-0316	COTTER PIN	4	
34	13C-0416	ROLL PIN	2	
35	50A-0506 ZI	BOLT	4	
36	50F-0508	BOLT	4	
37	14A-05 ZI	LOCKWASHER	16	
38	14C-05	FLATWASHER	18	
39	30A-05	NUT	6	
40	38A-0503	CAGE NUT	4	
41	62A-1006	SCREW	8	
42	50A-0810	BOLT	4	
43	14A-08	LOCKWASHER	4	
44	14C-08	FLATWASHER	6	
45	30D-08	NUT	4	
46	15388 x 168	LOCKING STRIP	1	
47	57684 x 180	WEATHER STRIP	1	
48	19784	ADJUSTING SLIDE	2	
49	19890	KNOB	2	
50	23017 x 168	RUBBER CHANEL	1	
51	33280	WINDSHIELD FRAME	1	
52	33281	GLASS - FRONT TOP	1	
53	33284	SPACER	2	
54	14C-06	FLATWASHER	4	
55	36D-06	NUT	2	
56	46837	HANDLE - GRAB	2	Repair Part
57	46838	HANDLE - GRAB	2	Repair Part
58	46874	HANDLE - GRAB	1	Repair Part
		CAB MOUNTS		
59	11967	WASHER	2	
60	11970	RUBBER MOUNTS	4	
61	30075	FLATWASHER	2	
62	46800	SPACER	8	
63	49380	FLATWASHER	12	
64	50A-1232	BOLT	2	
65	50A-1236	BOLT	2	
66	14A-12	LOCKWASHER	4	
67	30A-12	NUT	4	
68	57004	NUT	8	
69	57005	BOLT	8	
		LOW PROFILE CAB		
70	15386 x 124	RUBBER CHANNEL	2	
71	15386 x 156	RUBBER CHANNEL	1	
72	15388 x 124	LOCKING STRIP	2	
73	15388 x 156	LOCKING STRIP	1	
74	56502	GLASS - REAR	1	
75	56501	GLASS - SIDE	2	
76	*65098	**CAB WELDED ASSEMBLY**	1	
77	*65092	**CAB WELDED ASSEMBLY** - AIR CONDITIONER	1	
78	57608	UPPER COVER PLATE	1	
79	15388 x 144	LOCKING STRIP	1	
80	57684 x 156	WEATHER STRIP	1	
81	23017 x 144	RUBBER CHANNEL	1	
82	56500	GLASS - FRONT TOP	1	
83	57338	WINDSHIELD FRAME	1	
84	*9480 x 10.5	HOSE	1	
85	*57985	U-BOLT	1	
86	*14A-04	LOCKWASHER	2	
87	*30A-04	NUT	4	
88	*65121	COVER PLATE - SEAT DECK LOUVRE	3	
89	*65122	COVER PLATE - SEAT DECK RISER LOUVRE	2	



EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 11 PAGE 3
SECCION 11 PAGINA 3

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1

LOWER/HALF CAB

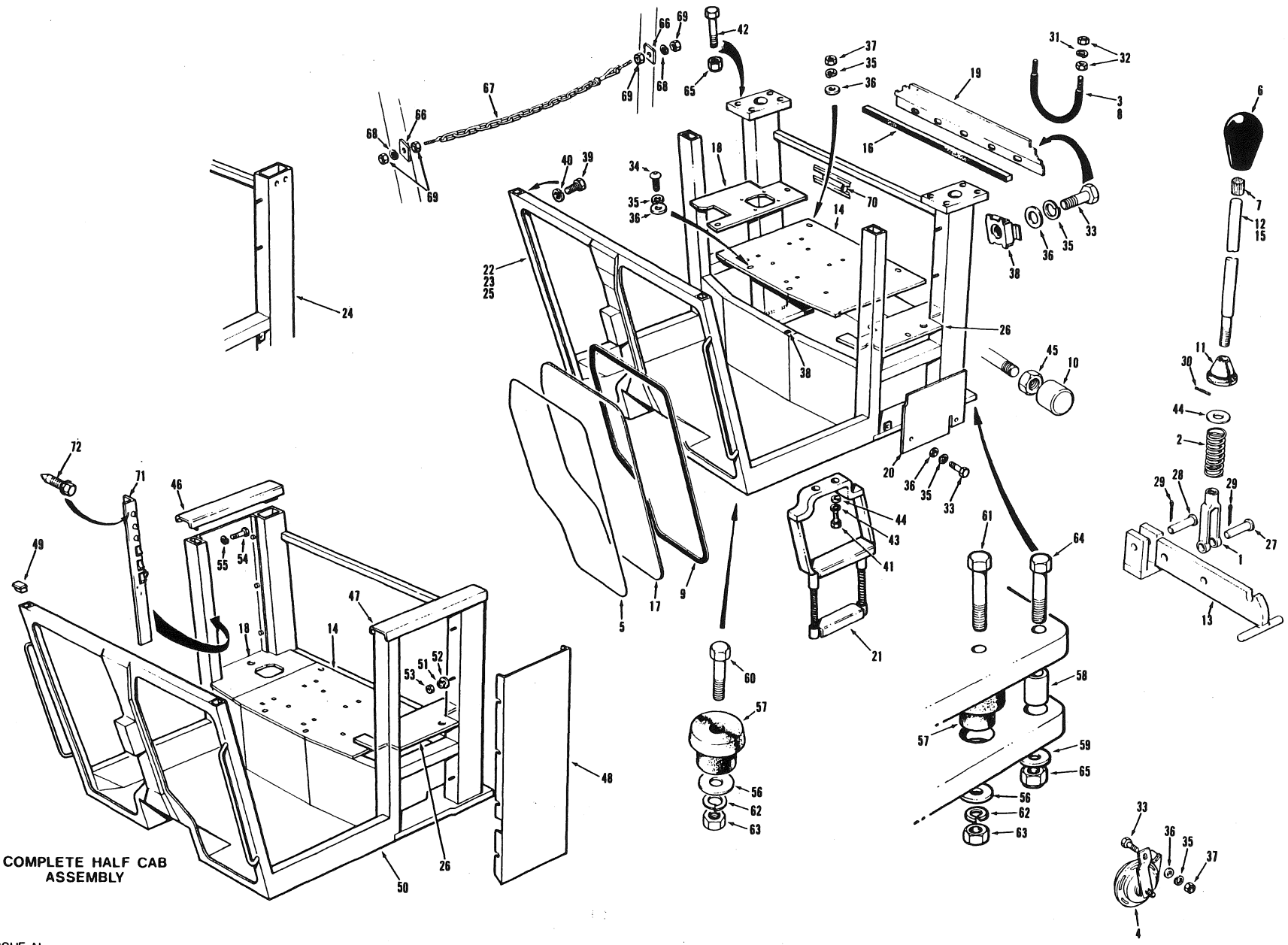
NOVEMBER 1984

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	1412	YOKE	2	
2	8065	SPRING	2	
3	9480 X 9.5	HOSE	1	
4	9685	HORN	1	
5	15386	RUBBER CHANNEL	A.R.	
6	15388	LOCKING STRIP	A.R.	
7	17587	KNOB	2	
8	17588	INSERT	2	
9	19265	U-BOLT	1	
10	19678	STEP	2	OPTIONAL
11	26019	DOOR BUMPER	4	
12	26920	GROMMET	2	
13	26921	RELEASE ROD - R.H.	1	
14	26938	LATCH	2	
15	27244	SEAT DECK - CENTER SECTION	1	
16	27602	RELEASE ROD - L.H.	1	
17	28501-10	SPLIT SEAT DECK SECTION - L.H.	1	
18	28552	LOWER BACK SHEET	1	
19	28575	STEP - R.H.	1	
20	28576	SEAT - L.H.	1	
21	28804	SEALING TAPE	A.R.	
22	32416	GLASS - FRONT	2	
23	32633	SIDE PANEL	2	
24	33308	LOWER CAB WELDED ASSY.	1	
25	40097	SPLIT SEAT DECK SECTION - R.H.	1	
26	10A-0618	CLEVIS PIN	4	
27	13A-0316	COTTER PIN	4	
28	13J-0416	ROLL PIN	2	
29	14A-04	LOCKWASHER	2	
30	30A-04	NUT	4	
31	50A-0506	BOLT	10	
32	50F-0508	BOLT	4	
33	14A-05	LOCKWASHER	18	
34	14C-05	FLATWASHER	18	
35	30A-05	NUT	6	
36	38A-0504	CAGENUT	4	
37	50A-0608	BOLT	2	
38	14A-06	LOCKWASHER	2	
39	50A-0810	BOLT	4	
40	14A-08	LOCKWASHER	4	
41	14C-08	FLATWASHER	6	
42	30D-08	NUT	4	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		COMPLETE HALF CAB		OPTIONAL
43	28501	LOWER CAB WELDED ASSY.	1	
44	32457	COVER PLATE - L.H.	1	
45	32458	COVER PLATE - R.H.	1	
46	32459	SIDE PANEL	2	
47	32461	PLUG	2	
48	14A-06	LOCKWASHER	16	
49	14C-06	FLATWASHER	16	
50	30A-06	NUT	16	
51	50A-0810	BOLT	6	
52	14A-08	LOCKWASHER	6	
		CAB MOUNTS		
53	11967	WASHER	2	
54	11970	RUBBER MOUNT	2	
55	19679	BUSHING	8	
56	19680	RUBBER WASHER	16	
57	28595	SUPPORT PAD	2	
58	50A-1232	BOLT	2	
59	14A-12	LOCKWASHER	2	
60	30A-12	NUT	2	
61	50A-1636	BOLT	8	
62	14C-16	FLATWASHER	16	
63	36D-16	LOCKNUT	8	
		SAFETY CHAIN INSTALLATION		OPTIONAL
64	23257	LUG	A.R.	
65	23258	LOOM	A.R.	
66	27217	SAFETY CHAIN	2	
67	14A-06	LOCKWASHER	4	
68	30A-06	NUT	8	
		R.O.P.S. SPLIT CAB		OPTIONAL
69	28729	BOTTOM JOINER	2	
70	32488	BACK SHEET	1	
71	32492	BOLT	4	
72	32493	BOLT	4	
73	33308	LOWER CAB WELDED ASSY. - R.O.P.S.	1	
74	51A-2024	BOLT	4	
75	14A-20	LOCKWASHER	4	
76	37D-20	LOCKNUT	4	



EFFECTIVE SERIAL NUMBER(S) 16883 TO 18801
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2595-2 & UP

700 SERIES
SERIE 700

SECTION 11 PAGE 3
SECCION 11 PAGINA 3

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION C

LOWER/HALF CAB

APRIL 1988

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

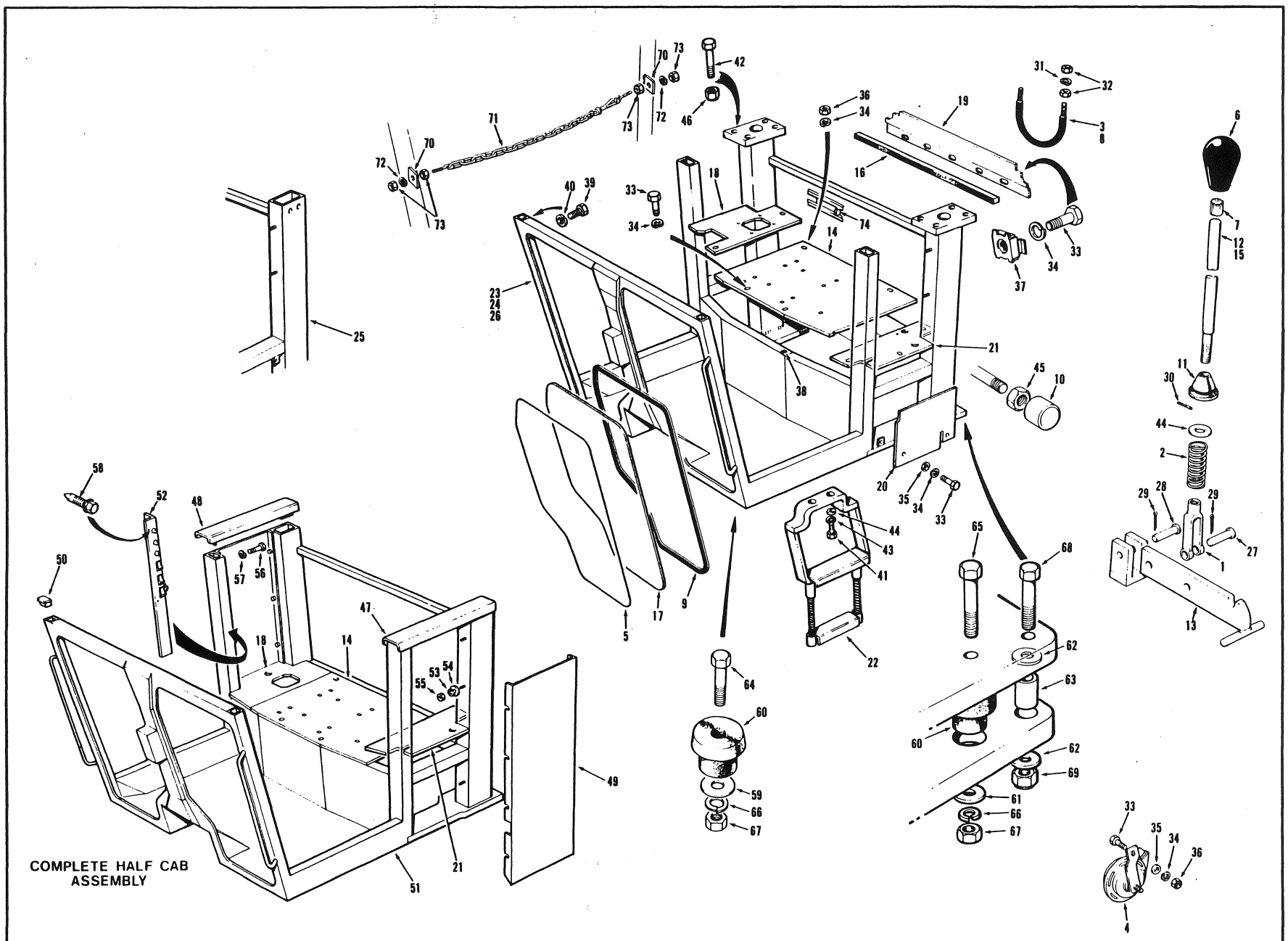
No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	1412	YOKE	2	
2	8065	SPRING	2	
3	9480 X 9.5	HOSE - 9.5 INCHES LONG	1	
4	9685	HORN	1	
5	15388 X 120	LOCKING STRIP - 120 INCHES LONG	1	
6	17587	KNOB	2	
7	17588	INSERT	2	
8	19265	U-BOLT	1	
9	23017 X 120	RUBBER CHANNEL - 120 INCHES LONG	1	
10	26019	DOOR BUMPER	4	
11	26920	GROMMET	2	
12	26921	RELEASE ROD - L.H.	1	
13	26938	LATCH	2	
14	41250	SEAT DECK - CENTER SECTION	1	
15	27602	RELEASE ROD - R.H.	1	
16	28804 X 18	SEALING TAPE - 18 INCHES LONG	1	
17	32416	GLASS - FRONT	2	
18	40097	SPLIT SEAT DECK SECTION - R.H.	1	
19	40676	BACK JOINER PLATE	1	
20	41370	SIDE PANEL	2	
21	41661	STEP	1	
22	43123	LOWER CAB WELDED ASSY. - R.O.P.S.	1	
23	43124	LOWER CAB WELDED ASSY. - R.O.P.S. SHELL	1	
24	43126	LOWER CAB WELDED ASSY. - SHELL	1	
25	43143	LOWER CAB WELDED ASSY. - R.O.P.S. AIR.	1	
26	43451	SPLIT SEAT DECK SECTION - L.H.	1	
27	10A-0616	CLEVIS PIN	2	
28	10A-0622	CLEVIS PIN	2	
29	13A-0316	COTTER PIN	4	
30	13J-0416	ROLL PIN	2	
31	14A-04	LOCKWASHER	2	
32	30A-04	NUT	4	
33	50A-0506	BOLT	10	
34	50F-0508	BOLT	4	
35	14A-05	LOCKWASHER	5	
36	14C-05	FLATWASHER	15	
37	30A-05	NUT	6	
38	38A-0504	CAGENUT	10	
39	50A-0608	BOLT	2	
40	14A-06	LOCKWASHER	2	
41	50A-0810	BOLT	4	
42	50A-1628	BOLT - R.O.P.S. SPLIT CAB	8	
43	14A-08	LOCKWASHER	4	
44	14C-08	FLATWASHER	4	
45	30D-08	NUT	4	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		COMPLETE HALF CAB		OPTIONAL
46	32457	COVER PLATE - L.H.	1	
47	32458	COVER PLATE - R.H.	1	
48	32459	SIDE PANEL	2	
49	32461	PLUG	2	
50	43125	LOWER CAB WELDED ASSY.	1	
51	14A-06	LOCKWASHER	20	
52	14C-06	FLATWASHER	20	
53	30A-06	NUT	20	
54	50A-0810	BOLT	10	
55	14A-08	LOCKWASHER	10	
		CAB MOUNTS		
56	11967	WASHER	2	
57	11970	RUBBER MOUNT	4	
58	43082	BUSHING	8	
59	43084	FLATWASHER	8	
60	50A-1232	BOLT	2	
61	50A-1236	BOLT	2	
62	14A-12	LOCKWASHER	4	
63	30A-12	NUT	4	
64	50A-1636	BOLT	8	
65	36D-16	NUT	16	
		SAFETY CHAIN INSTALLATION		OPTIONAL
66	23257	LUG	4	
67	27217	SAFETY CHAIN	2	
68	14A-06	LOCKWASHER	4	
69	30A-06	NUT	8	
70	16488	VENT DOOR	1	
71	*48203	SWITCH PANEL (SER. NO. 18713, 18715 TO	1	
72	*62A-1006	SCREW 18717, 18719 & UP)	2	

EFFECTIVE SERIAL NUMBER(S) 18802, 18878 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 11 PAGE 3
SECCION 11 PAGINA 3



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

LOWER / HALF CAB

APRIL 1988

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

SECTION / SECCION 11 | PAGE / PAGINA 4 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 3

LOWER / HALF CAB

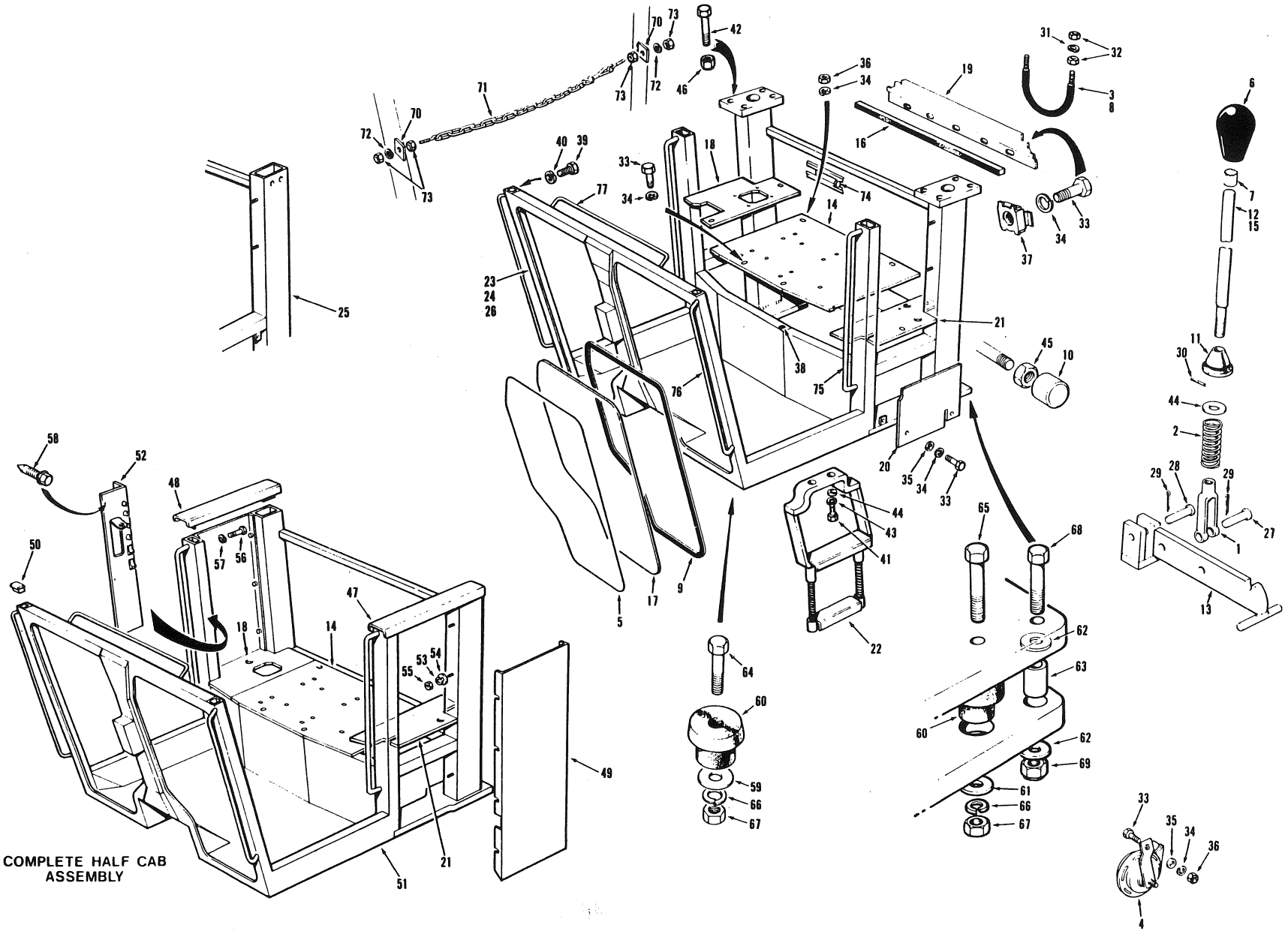
APRIL 1988

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	1412	YOKE	2	
2	8065	SPRING	2	
3	9480 X 9.5	HOSE - 9.5 INCHES LONG	1	
4	9685	HORN	1	
5	15388 X 120	LOCKING STRIP - 120 INCHES LONG	2	
6	17587	KNOB	2	
7	17588	INSERT	2	
8	19265	U-BOLT	1	
9	23017 X 120	RUBBER CHANNEL - 120 INCHES LONG	2	
10	26019	DOOR BUMPER	4	
11	26920	GROMMET	2	
12	26921	RELEASE ROD - L.H.	1	
13	26938	LATCH	2	
14	41250	SEAT DECK - CENTER SECTION	1	
15	27602	RELEASE ROD - R.H.	1	
16	28804 X 18	SEALING TAPE - 18 INCHES LONG	1	
17	32416	GLASS - FRONT	2	
18	40097	SPLIT SEAT DECK SECTION - R.H.	1	
19	40676	BACK JOINER PLATE	1	
20	41370	SIDE PANEL	2	
21	*46560	SPLIT SEAT DECK SECTION - L.H.	1	
22	*46751	STEP	2	
23	*46777	LOWER CAB WELDED ASSY. - R.O.P.S.	1	
24	*46778	LOWER CAB WELDED ASSY. - R.O.P.S. SHELL	1	
25	*46780	LOWER CAB WELDED ASSY. - SHELL	1	
26	*46782	LOWER CAB WELDED ASSY. - R.O.P.S. - AIR CONDITIONER	1	
27	10A-0616	CLEVIS PIN	2	
28	10A-0622	CLEVIS PIN	2	
29	13A-0316	COTTER PIN	4	
30	13C-0416	ROLL PIN	2	
31	14A-04	LOCKWASHER	2	
32	30A-04	NUT	4	
33	50A-0506	BOLT	14	
34	14A-05	LOCKWASHER	11	
35	14C-05	FLATWASHER	5	
36	30A-05	NUT	7	
37	*38A-0502	CAGENUT	5	
38	*38A-0503	CAGENUT	4	
39	50A-0608	BOLT	2	
40	14A-06	LOCKWASHER	2	
41	50A-0810	BOLT	6	
42	50A-1628	BOLT - R.O.P.S. SPLIT CAB	8	
43	14A-08	LOCKWASHER	6	
44	14C-08	FLATWASHER	6	
45	30D-08	NUT	4	
46	*36N-16	NUT	8	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		COMPLETE HALF CAB		OPTIONAL
47	32457	COVER PLATE - L.H.	1	
48	32458	COVER PLATE - R.H.	1	
49	32459	SIDE PANEL	2	
50	32461	PLUG	2	
51	*46779	LOWER CAB WELDED ASSY.	1	
52	48203	SWITCH PANEL	1	
53	14A-06	LOCKWASHER	20	
54	14C-06	FLATWASHER	20	
55	30A-06	NUT	20	
56	50A-0810	BOLT	10	
57	14A-08	LOCKWASHER	10	
58	62A-1006	SCREW	2	
		CAB MOUNTS		
59	*11967	WASHER	2	
60	11970	RUBBER MOUNT	4	
61	*30075	WASHER	2	
62	43084	FLATWASHER	12	
63	*46800	BUSHING	8	
64	50A-1232	BOLT	2	
65	50A-1236	BOLT	2	
66	14A-12	LOCKWASHER	4	
67	30A-12	NUT	4	
68	*50A-1836	BOLT	8	
69	*36N-18	NUT	8	
		SAFETY CHAIN INSTALLATION		OPTIONAL
70	23257	LUG	4	
71	27217	SAFETY CHAIN	2	
72	14A-06	LOCKWASHER	4	
73	30A-06	NUT	8	
74	16488	VENT DOOR	1	

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

EFFECTIVE SERIAL NUMBER(S) 19133 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

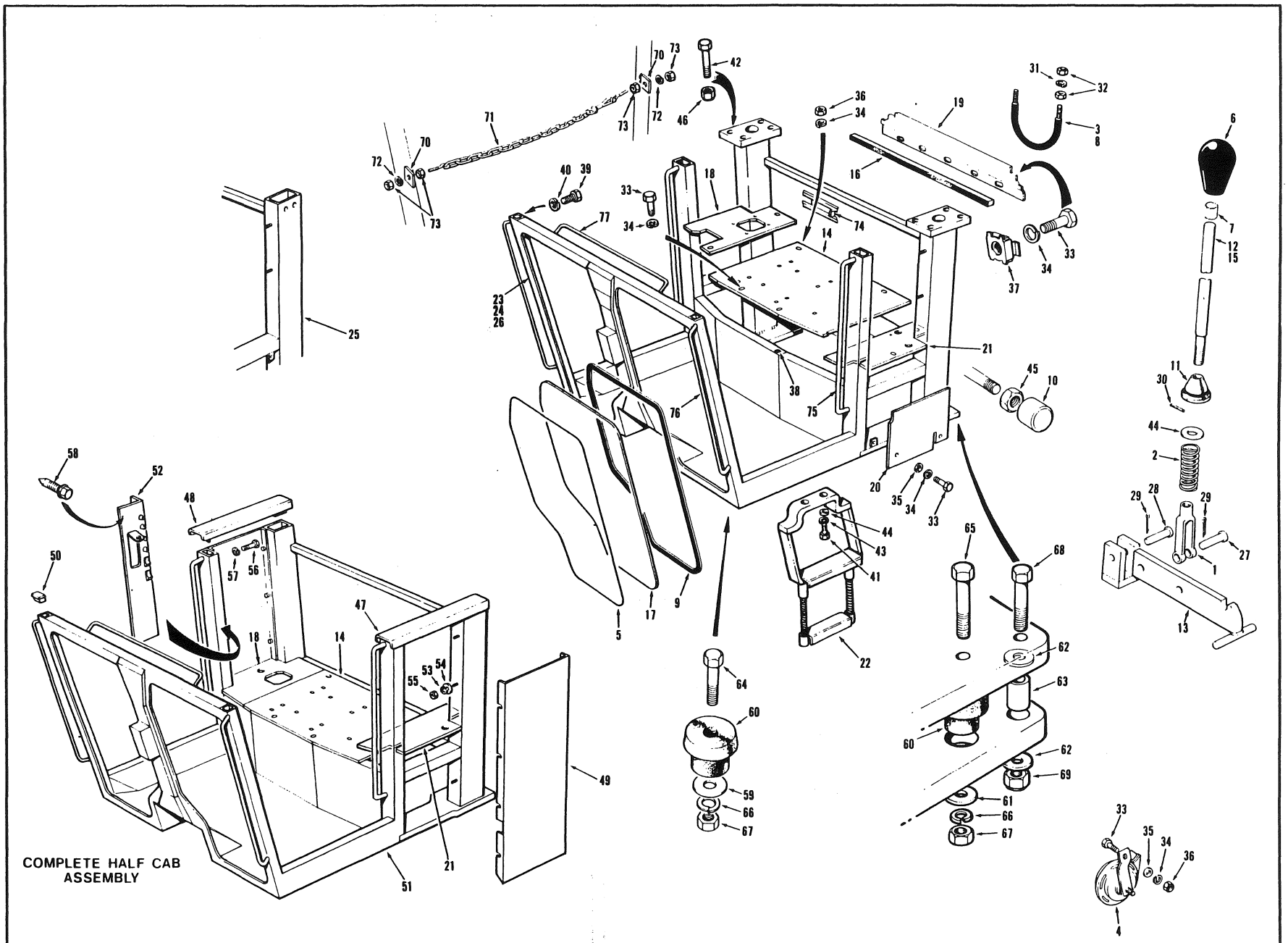
LOWER/HALF CAB

SEPTEMBER 1988

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	1412	YOKE	2	
2	8065	SPRING	2	
3	9480 X 9.5	HOSE - 9.5 INCHES LONG	1	
4	9685	HORN	1	
5	15388 X 120	LOCKING STRIP - 120 INCHES LONG	2	
6	17587	KNOB	2	
7	17588	INSERT	2	
8	19265	U-BOLT	1	
9	23017 X 120	RUBBER CHANNEL - 120 INCHES LONG	2	
10	26019	DOOR BUMPER	4	
11	26920	GROMMET	2	
12	26921	RELEASE ROD - L.H.	1	
13	26938	LATCH	2	
14	41250	SEAT DECK - CENTER SECTION	1	
15	27602	RELEASE ROD - R.H.	1	
16	28804 X 18	SEALING TAPE - 18 INCHES LONG	1	
17	32416	GLASS - FRONT	2	
18	40097	SPLIT SEAT DECK SECTION - R.H.	1	
19	40676	BACK JOINER PLATE	1	
20	41370	SIDE PANEL	2	
21	46560	SPLIT SEAT DECK SECTION - L.H.	1	
22	46751	STEP	2	
23	46777	LOWER CAB WELDED ASSY. - R.O.P.S.	1	
24	46778	LOWER CAB WELDED ASSY. - R.O.P.S. SHELL	1	
25	46780	LOWER CAB WELDED ASSY. - SHELL	1	
26	46782	LOWER CAB WELDED ASSY. - R.O.P.S. - AIR CONDITIONER	1	
27	10A-0616	CLEVIS PIN	2	
28	10A-0622	CLEVIS PIN	2	
29	13A-0316	COTTER PIN	4	
30	13C-0416	ROLL PIN	2	
31	14A-04	LOCKWASHER	2	
32	30A-04	NUT	4	
33	50A-0506	BOLT	14	
34	14A-05	LOCKWASHER	11	
35	14C-05	FLATWASHER	5	
36	30A-05	NUT	7	
37	38A-0502	CAGENUT	5	
38	38A-0503	CAGENUT	4	
39	50A-0608	BOLT	2	
40	14A-06	LOCKWASHER	2	
41	50A-0810	BOLT	6	
42	50A-1628	BOLT - R.O.P.S. SPLIT CAB	8	
43	14A-08	LOCKWASHER	6	
44	14C-08	FLATWASHER	6	
45	30D-08	NUT	4	
46	36N-16	NUT	8	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		COMPLETE HALF CAB		OPTIONAL
47	32457	COVER PLATE - L.H.	1	
48	32458	COVER PLATE - R.H.	1	
49	32459	SIDE PANEL	2	
50	32461	PLUG	2	
51	46779	LOWER CAB WELDED ASSY.	1	
52	*48789	SWITCH PANEL	1	
53	14A-06	LOCKWASHER	20	
54	14C-06	FLATWASHER	20	
55	30A-06	NUT	20	
56	50A-0810	BOLT	10	
57	14A-08	LOCKWASHER	10	
58	62A-1006	SCREW	2	
		CAB MOUNTS		
59	11967	WASHER	2	
60	11970	RUBBER MOUNT	4	
61	30075	WASHER	2	
62	*49380	FLATWASHER	12	
63	46800	BUSHING	8	
64	50A-1232	BOLT	2	
65	50A-1236	BOLT	2	
66	14A-12	LOCKWASHER	4	
67	30A-12	NUT	4	
68	50A-1836	BOLT	8	
69	36N-18	NUT	8	
		SAFETY CHAIN INSTALLATION		OPTIONAL
70	23257	LUG	4	
71	27217	SAFETY CHAIN	2	
72	14A-06	LOCKWASHER	4	
73	30A-06	NUT	8	
74	16488	VENT DOOR	1	
75	*46837	HANDLE - GRAB	2	REPAIR PART
76	*46838	HANDLE - GRAB	2	
77	*46874	HANDLE - GRAB	1	



EFFECTIVE SERIAL NUMBER(S) 19431, 19458, 19565, 19566, 19568
NUMERO(S) DE SÉRIE EFFECTIF(S) to 19578, 19580 to 19589, 19591,
NUMERO(S) DE SERIE EFECTIVO(S) 19592, 19594 to 19610, 19612 to
19614, 19616, 19618 & UP

700 SERIES
SERIE 700

SECTION 11 PAGE 3
SECCION 11 PAGINA 3

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **5 REVISION A**

LOWER/HALF CAB

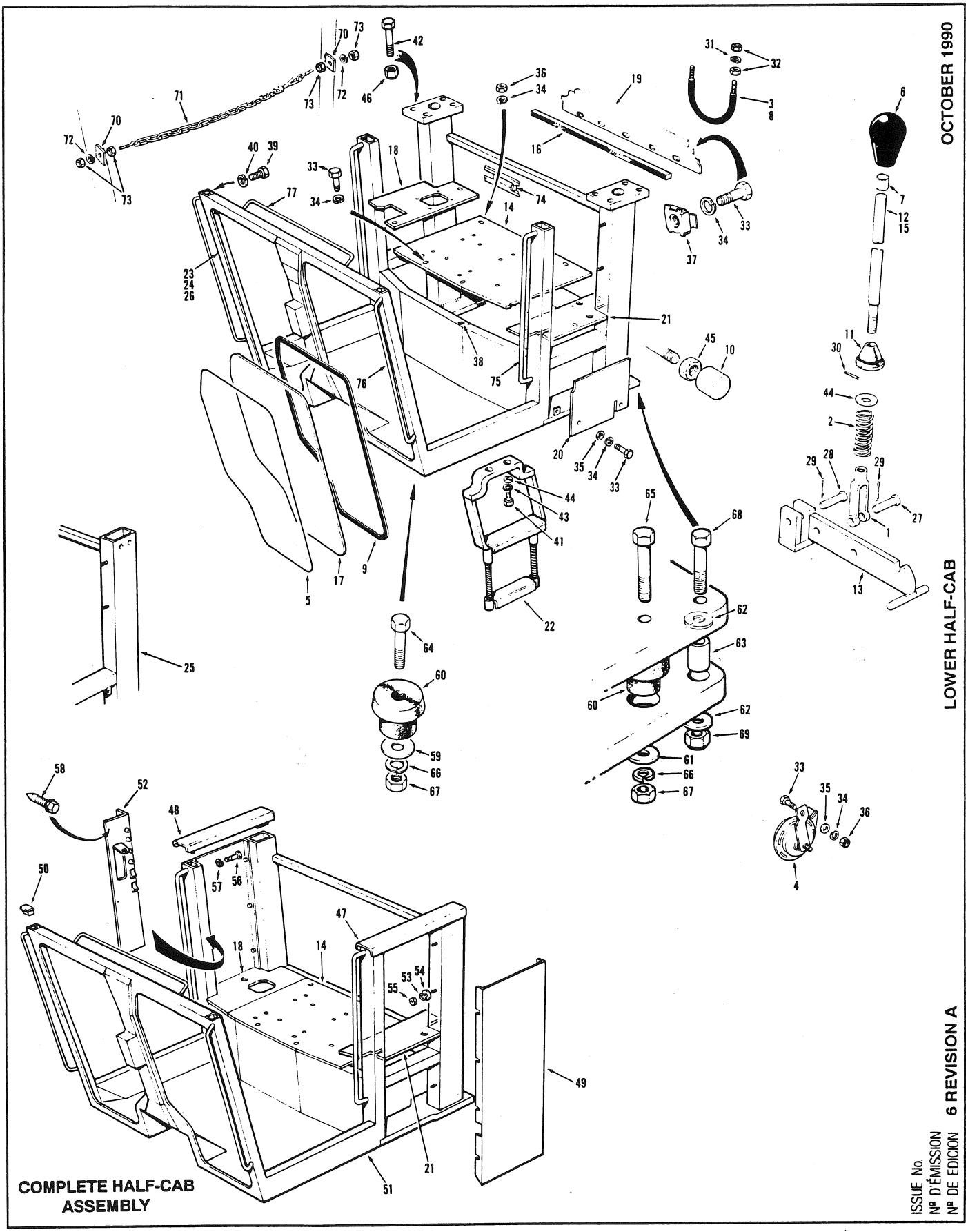
MAY 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	1412	YOKE	2	
2	8065	SPRING	2	
3	9480 X 9.5	HOSE - 9.5 INCHES LONG	1	
4	9685	HORN	1	
5	15388 X 120	LOCKING STRIP - 120 INCHES LONG	2	
6	48556	KNOB	2	
7	17588	INSERT	2	
8	19265	U-BOLT	1	
9	23017 X 120	RUBBER CHANNEL - 120 INCHES LONG	2	
10	26019	DOOR BUMPER	4	
11	26920	GROMMET	2	
12	26921	RELEASE ROD - L.H.	1	
13	26938	LATCH	2	
14	41250	SEAT DECK - CENTER SECTION	1	
15	27602	RELEASE ROD - R.H.	1	
16	28804 X 18	SEALING TAPE - 18 INCHES LONG	1	
17	32416	GLASS - FRONT	2	
18	40097	SPLIT SEAT DECK SECTION - R.H.	1	
19	*53478	BACK JOINER PLATE	1	
20	41370	SIDE PANEL	2	
21	46560	SPLIT SEAT DECK SECTION - L.H.	1	
22	46751	STEP	2	UP TO S/N 19518
	*51111	STEP L.H.	1	S/N 19519 & UP
	*51112	STEP R.H.	1	S/N 19519 & UP
23	49776	LOWER CAB WELDED ASSY. - R.O.P.S.	1	
24	49777	LOWER CAB WELDED ASSY. - R.O.P.S. SHELL	1	
25	49779	LOWER CAB WELDED ASSY. - SHELL	1	
26	49781	LOWER CAB WELDED ASSY. - R.O.P.S. - AIR CONDITIONER	1	
27	10A-0616	CLEVIS PIN	2	
28	10A-0622	CLEVIS PIN	2	
29	13A-0316	COTTER PIN	4	
30	13C-0416	ROLL PIN	2	
31	14A-04	LOCKWASHER	2	
32	30A-04	NUT	4	
33	50A-0506	BOLT	14	
34	14A-05	LOCKWASHER	11	
35	14C-05	FLATWASHER	5	
36	30A-05	NUT	7	
37	38A-0502	CAGENUT	5	
38	38A-0503	CAGENUT	4	
39	50A-0608	BOLT	2	
40	14A-06	LOCKWASHER	2	
41	50A-0810	BOLT	6	
42	50A-1628	BOLT - R.O.P.S. SPLIT CAB	8	
43	14A-08	LOCKWASHER	6	
44	14C-08	FLATWASHER	6	
45	30D-08	NUT	4	
46	36N-16	NUT	8	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		COMPLETE HALF CAB		OPTIONAL
47	32457	COVER PLATE - L.H.	1	
48	32458	COVER PLATE - R.H.	1	
49	32459	SIDE PANEL	2	
50	32461	PLUG	2	
51	49778	LOWER CAB WELDED ASSY.	1	
52	48789	SWITCH PANEL	1	
53	14A-06	LOCKWASHER	20	
54	14C-06	FLATWASHER	20	
55	30A-06	NUT	20	
56	50A-0810	BOLT	10	
57	14A-08	LOCKWASHER	10	
58	62A-1006	SCREW	2	
		CAB MOUNTS		
59	11967	WASHER	2	
60	11970	RUBBER MOUNT	4	
61	30075	WASHER	2	
62	49380	FLATWASHER	12	
63	46800	SPACER	8	
64	50A-1232	BOLT	2	
65	50A-1236	BOLT	2	
66	14A-12	LOCKWASHER	4	
67	30A-12	NUT	4	
68	50A-1836	BOLT	8	
69	36N-18	NUT	8	
		SAFETY CHAIN INSTALLATION		OPTIONAL
70	23257	LUG	4	
71	27217	SAFETY CHAIN	2	
72	14A-06	LOCKWASHER	4	
73	30A-06	NUT	8	
74	16488	VENT DOOR	1	
75	46837	HANDLE - GRAB	2	REPAIR PART
76	46838	HANDLE - GRAB	2	
77	46874	HANDLE - GRAB	1	



CHAMPION ROAD MACHINERY

OCTOBER 1990

LOWER HALF-CAB

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 6 REVISION A

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

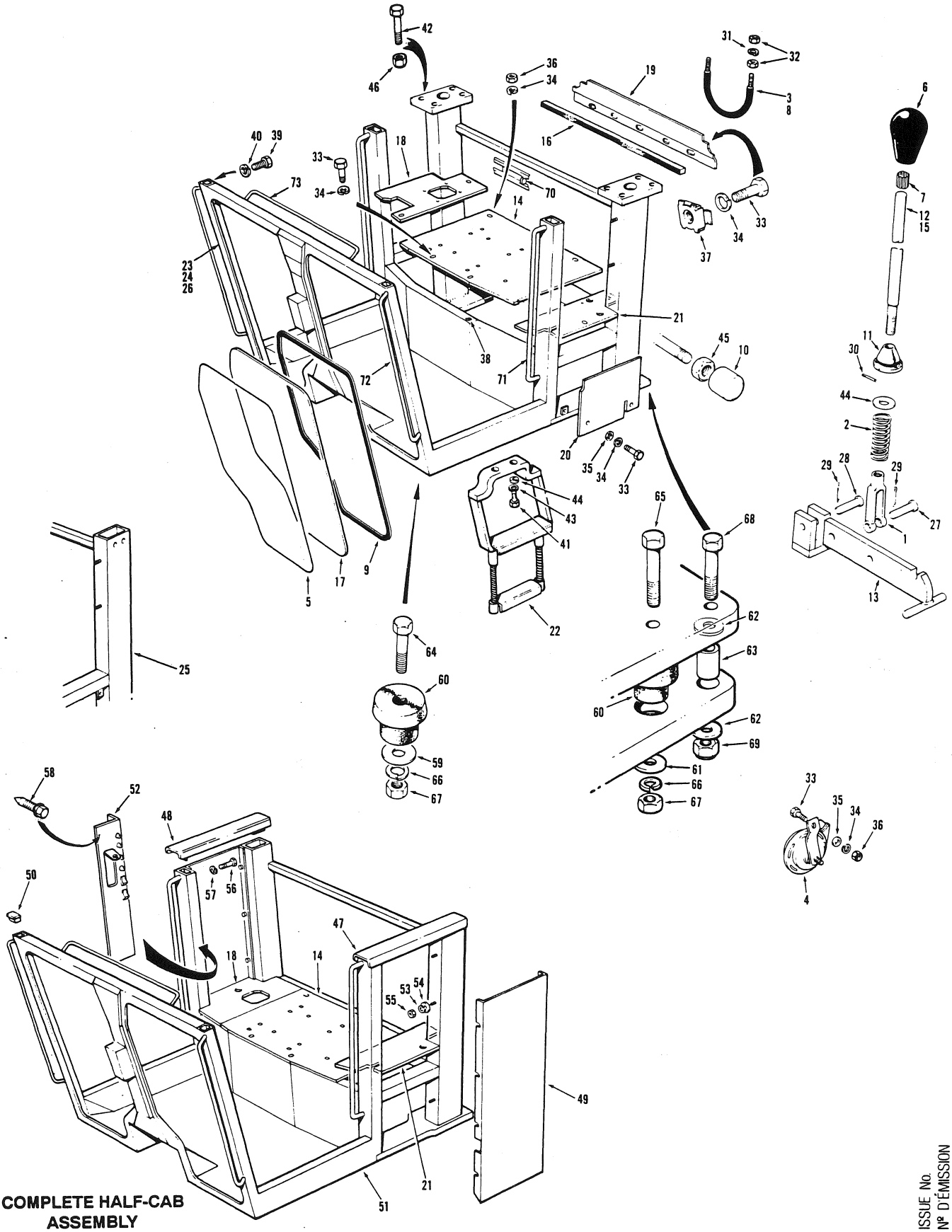
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NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

SECTION / SECCION 11 | PAGE / PAGINA 4 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 6 REVISION A

LOWER HALF-CAB

OCTOBER 1990

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	1412	YOKE	2	
2	8065	SPRING	2	
3	9480 x 9.5	HOSE - 9.5" LONG	1	
4	9685	HORN	1	
5	15388 x 120	LOCKING STRIP - 120" LONG	2	
6	48556	KNOB	2	
7	17588	INSERT	2	
8	52957	U-BOLT	1	
9	23017 x 120	RUBBER CHANNEL - 120" LONG	2	
10	26019	DOOR BUMPER	4	
11	26920	GROMMET	2	
12	26921	RELEASE ROD - L.H.	1	
13	26938	LATCH	2	
14	55236	SEAT DECK - CENTER SECTION	1	
15	27602	RELEASE ROD - R.H.	1	
16	28804 x 18	SEALING TAPE - 18" LONG	1	
17	32416	GLASS - FRONT	2	
18	56703	SPLIT SEAT DECK SECTION - R.H.	1	
19	53478	BACK JOINER PLATE	1	
20	41370	SIDE PANEL	2	
21	*57258	SPLIT SEAT DECK SECTION - L.H.	1	
22	51111	STEP L.H.	1	
	51112	STEP R.H.	1	
23	49776	LOWER CAB WELDED ASSEMBLY - R.O.P.S.	1	
24	49777	LOWER CAB WELDED ASSEMBLY - R.O.P.S. SHELL	1	
25	49779	LOWER CAB WELDED ASSEMBLY - SHELL	1	
26	49781	LOWER CAB WELDED ASSEMBLY - R.O.P.S. - AIR CONDITIONER	1	
27	10A-0616	CLEVIS PIN	2	
28	10A-0622	CLEVIS PIN	2	
29	13A-0316	COTTER PIN	4	
30	13C-0416	ROLL PIN	2	
31	14A-04	LOCKWASHER	2	
32	30A-04	NUT	4	
33	50A-0506	BOLT	14	
34	14A-05	LOCKWASHER	11	
35	14C-05	FLATWASHER	5	
36	30A-05	NUT	7	
37	38A-0502	CAGE NUT	5	
38	38A-0503	CAGE NUT	4	
39	50A-0608	BOLT	2	
40	14A-06	LOCKWASHER	2	
41	50A-0810	BOLT	6	
42	57003	BOLT - R.O.P.S. SPLIT CAB	8	
43	14A-08	LOCKWASHER	6	
44	14C-08	FLATWASHER	6	
45	30D-08	NUT	4	
46	52002	NUT	8	
		COMPLETE HALF CAB		OPTIONAL
47	32457	COVER PLATE - L.H.	1	
48	32458	COVER PLATE - R.H.	1	
49	32459	SIDE PANEL	2	
50	32461	PLUG	2	
51	49778	LOWER CAB WELDED ASSEMBLY	1	
52	48789	SWITCH PANEL	1	
53	14A-06	LOCKWASHER	20	
54	14C-06	FLATWASHER	20	
55	30A-06	NUT	20	
56	50A-0810	BOLT	10	
57	14A-08	LOCKWASHER	10	
58	62A-1006	SCREW	2	
		CAB MOUNTS		
59	11967	WASHER	2	
60	11970	RUBBER MOUNT	4	
61	30075	WASHER	2	
62	49380	FLATWASHER	12	
63	46800	SPACER	8	
64	50A-1232	BOLT	2	
65	50A-1236	BOLT	2	
66	14A-12	LOCKWASHER	4	
67	30A-12	NUT	4	
68	57005	BOLT	8	
69	57004	NUT	8	
		SAFETY CHAIN INSTALLATION		OPTIONAL
70	23257	LUG	4	
71	27217	SAFETY CHAIN	2	
72	14A-06	LOCKWASHER	4	
73	30A-06	NUT	8	
74	16488	VENT DOOR	1	
75	46837	HANDLE - GRAB	2	REPAIR PART
76	46838	HANDLE - GRAB	2	
77	46874	HANDLE - GRAB	1	



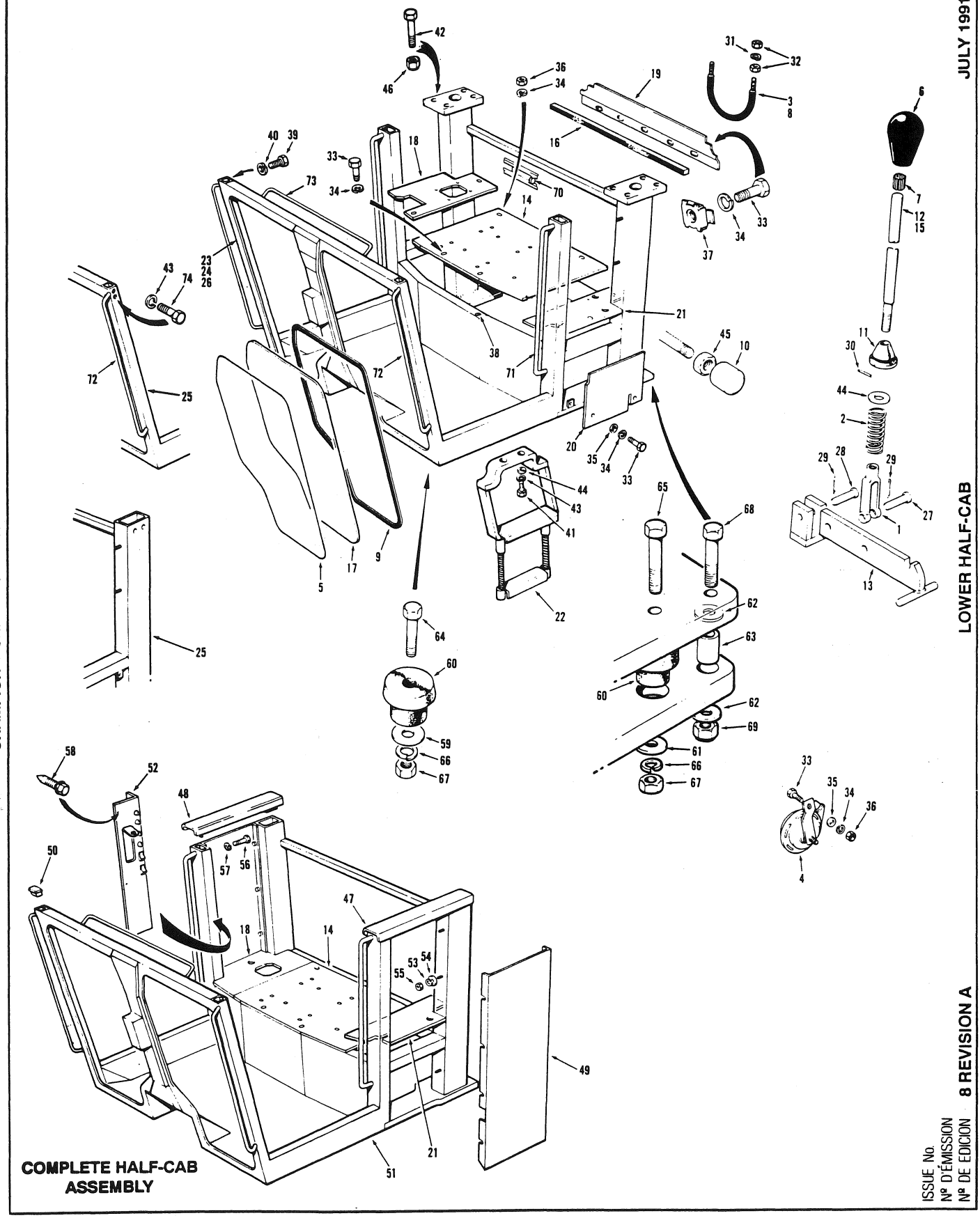
EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20893 TO 21077, 21079, 21083, 21085, 21087, 21089 TO 21091

700 SERIES
SERIE 700

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	1412	YOKE	2	
2	8065	SPRING	2	
3	9480 x 9.5	HOSE	1	
4	9685	HORN	1	
5	15388 x 120	LOCKING STRIP	2	
6	48556	KNOB	2	
7	17588	INSERT	2	
8	52957	U-BOLT	1	
9	23017 x 120	RUBBER CHANNEL	2	
10	26019	DOOR BUMPER	4	
11	26920	GROMMET	2	
12	26921	RELEASE ROD - L.H.	1	
13	26938	LATCH	2	
14	55236	SEAT DECK - CENTER SECTION	1	
15	27602	RELEASE ROD - R.H.	1	
16	28804 x 18	SEALING TAPE	1	
17	32416	GLASS - FRONT	2	
18	56703	SPLIT SEAT DECK SECTION - R.H.	1	
19	53478	BACK JOINER PLATE	1	
20	41370	SIDE PANEL	2	
21	57258	SPLIT SEAT DECK SECTION - L.H.	1	
22	51111	STEP L.H.	1	
	51112	STEP R.H.	1	
23	* 57188	**LOWER CAB WELDED ASSEMBLY** - R.O.P.S.	1	
24	* 57192	**LOWER CAB WELDED ASSEMBLY** - R.O.P.S. SHELL	1	
25	* 57219	**LOWER CAB WELDED ASSEMBLY** - SHELL	1	
26	* 57196	**LOWER CAB WELDED ASSEMBLY** - R.O.P.S. - AIR CONDITIONER	1	
27	10A-0616	CLEVIS PIN	2	
28	10A-0622	CLEVIS PIN	2	
29	13A-0316	COTTER PIN	4	
30	13C-0416	ROLL PIN	2	
31	14A-04	LOCKWASHER	2	
32	30A-04	NUT	4	
33	50A-0506	BOLT	14	
34	14A-05	LOCKWASHER	11	
35	14C-05	FLATWASHER	5	
36	30A-05	NUT	7	
37	38A-0502	CAGE NUT	5	
38	38A-0503	CAGE NUT	4	
39	50A-0608	BOLT	2	
40	14A-06	LOCKWASHER	2	
41	50A-0810	BOLT	6	
42	57003	BOLT - R.O.P.S. SPLIT CAB	8	
43	14A-08	LOCKWASHER	6	
44	14C-08	FLATWASHER	6	
45	30D-08	NUT	4	
46	52002	NUT	8	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		COMPLETE HALF CAB		OPTIONAL
47	32457	COVER PLATE - L.H.	1	
48	32458	COVER PLATE - R.H.	1	
49	32459	SIDE PANEL	2	
50	32461	PLUG	2	
51	* 57184	**LOWER CAB WELDED ASSEMBLY**	1	
52	48789	SWITCH PANEL	1	
53	14A-06	LOCKWASHER	20	
54	14C-06	FLATWASHER	20	
55	30A-06	NUT	20	
56	50A-0810	BOLT	10	
57	14A-08	LOCKWASHER	10	
58	62A-1006	SCREW	2	
		CAB MOUNTS		
59	11967	WASHER	2	
60	11970	RUBBER MOUNT	4	
61	30075	WASHER	2	
62	49380	FLATWASHER	12	
63	46800	SPACER	8	
64	50A-1232	BOLT	2	
65	50A-1236	BOLT	2	
66	14A-12	LOCKWASHER	4	
67	30A-12	NUT	4	
68	57005	BOLT	8	
69	57004	NUT	8	
70	16488	VENT DOOR	1	
71	46837	HANDLE - GRAB	2	REPAIR PART
72	46838	HANDLE - GRAB	2	
73	46874	HANDLE - GRAB	1	



CHAMPION ROAD MACHINERY

JULY 1991

LOWER HALF-CAB

8 REVISION A

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21078, 21080, 21082, 21084, 21086, 21088, 21092 & UP

700 SERIES
SERIE 700

SECTION 11 PAGE 3
SECCION PAGINA

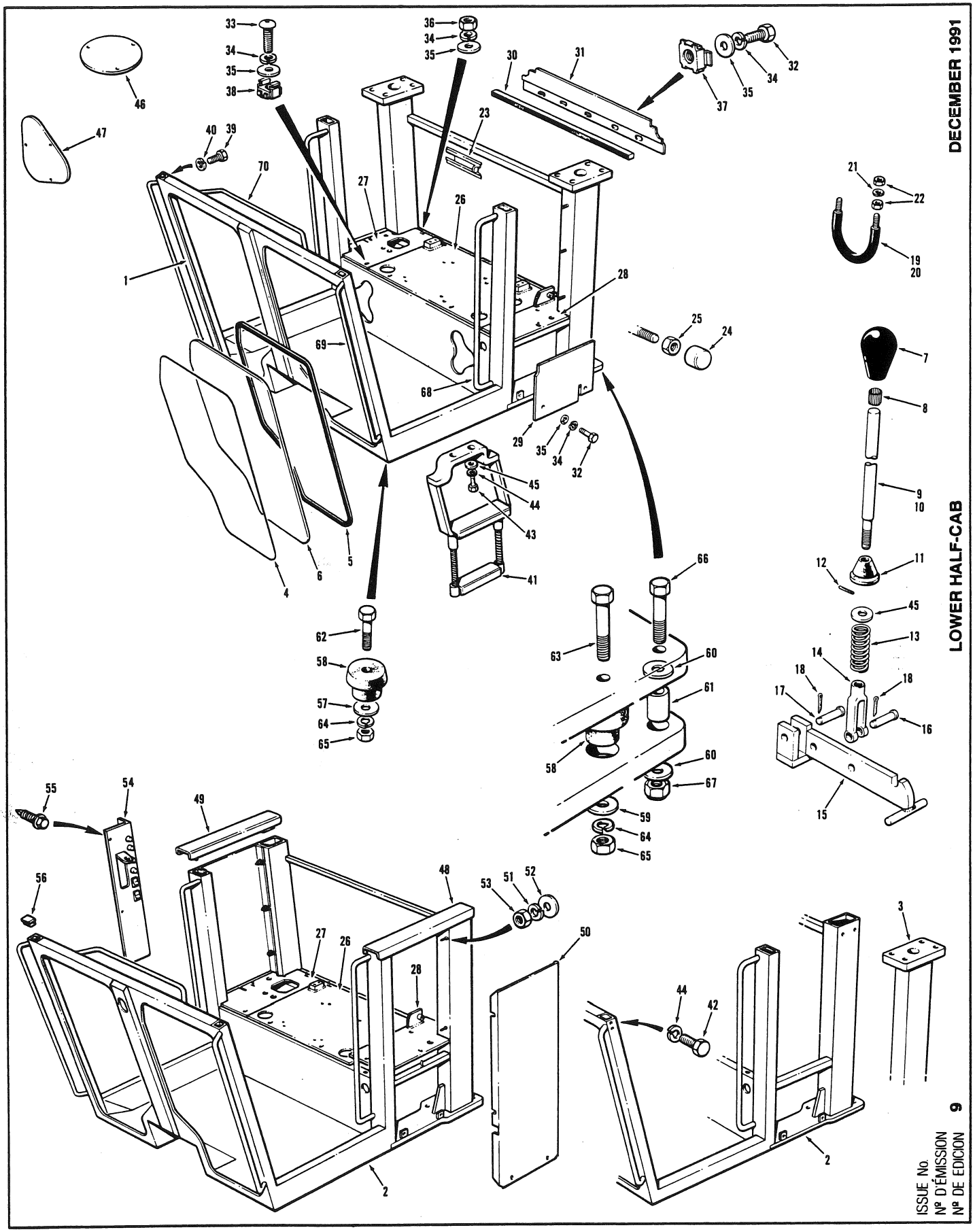
SECTION 11 SECCION | PAGE 4 PAGINA | ISSUE No. N° D'ÉMISSION N° DE EDICION 8 REVISION A

LOWER HALF-CAB

JULY 1991

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	1412	YOKE	2	
2	8065	SPRING	2	
3	*9480 x 10.5	HOSE	1	
4	9685	HORN	1	
5	15388 x 120	LOCKING STRIP	2	
6	48556	KNOB	2	
7	17588	INSERT	2	
8	*57985	U-BOLT	1	
9	23017 x 120	RUBBER CHANNEL	2	
10	26019	DOOR BUMPER	4	
11	26920	GROMMET	2	
12	26921	RELEASE ROD - L.H.	1	
13	26938	LATCH	2	
14	55236	SEAT DECK - CENTER SECTION	1	
15	27602	RELEASE ROD - R.H.	1	
16	28804 x 18	SEALING TAPE	1	
17	32416	GLASS - FRONT	2	
18	56703	SPLIT SEAT DECK SECTION - R.H.	1	
19	53478	BACK JOINER PLATE	1	
20	41370	SIDE PANEL	2	
21	57258	SPLIT SEAT DECK SECTION - L.H.	1	
22	51111	STEP L.H.	1	
	51112	STEP R.H.	1	
	*58794	STEP - L.H. - FOR L.H. MAST INSTALLATION	1	S/N 21563 & UP
23	57507	**LOWER CAB WELDED ASSEMBLY** - R.O.P.S.	1	
24	*65066	**LOWER CAB WELDED ASSEMBLY** - R.O.P.S. CANOPY	1	
25	*57965	**LOWER CAB WELDED ASSEMBLY** - CANOPY	1	
	57511	**LOWER CAB WELDED ASSEMBLY** - R.O.P.S.	1	
26		- AIR CONDITIONER		
	57502	**LOWER CAB WELDED ASSEMBLY** - SPLIT	1	
27	10A-0616	CLEVIS PIN	2	
28	10A-0622	CLEVIS PIN	2	
29	13A-0316	COTTER PIN	4	
30	13C-0416	ROLL PIN	2	
31	14A-04	LOCKWASHER	2	
32	30A-04	NUT	4	
33	50A-0506	BOLT	14	
34	14A-05	LOCKWASHER	11	
35	14C-05	FLATWASHER	5	
36	30A-05	NUT	7	
37	38A-0502	CAGE NUT	5	
38	38A-0503	CAGE NUT	4	
39	50A-0608	BOLT	2	
40	14A-06	LOCKWASHER	2	
41	50A-0810	BOLT	6	
42	57003	BOLT - R.O.P.S. SPLIT CAB	8	
43	14A-08	LOCKWASHER	10	
44	14C-08	FLATWASHER	6	
45	30D-08	NUT	4	
46	52002	NUT	8	

No. Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		COMPLETE HALF CAB		OPTIONAL
47	32457	COVER PLATE - L.H.	1	
48	32458	COVER PLATE - R.H.	1	
49	32459	SIDE PANEL	2	
50	32461	PLUG	2	
51	57497	**LOWER CAB WELDED ASSEMBLY**	1	
52	48789	SWITCH PANEL	1	
53	14A-06	LOCKWASHER	20	
54	14C-06	FLATWASHER	20	
55	30A-06	NUT	20	
56	50A-0810	BOLT	10	
57	14A-08	LOCKWASHER	10	
58	62A-1006	SCREW	2	
		CAB MOUNTS		
59	11967	WASHER	2	
60	11970	RUBBER MOUNT	4	
61	30075	WASHER	2	
62	49380	FLATWASHER	12	
63	46800	SPACER	8	
64	50A-1232	BOLT	2	
65	50A-1236	BOLT	2	
66	14A-12	LOCKWASHER	4	
67	30A-12	NUT	4	
68	57005	BOLT	8	
69	57004	NUT	8	
70	16488	VENT DOOR	1	
71	46837	HANDLE - GRAB	2	REPAIR PART
72	46838	HANDLE - GRAB	2	
73	46874	HANDLE - GRAB	1	
74	*50A-0808	BOLT - CANOPY	4	



CHAMPION RC... MACHINERY

DECEMBER 1991

LOWER HALF-CAB

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 9

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21911 & UP

700 SERIES
SERIE 700

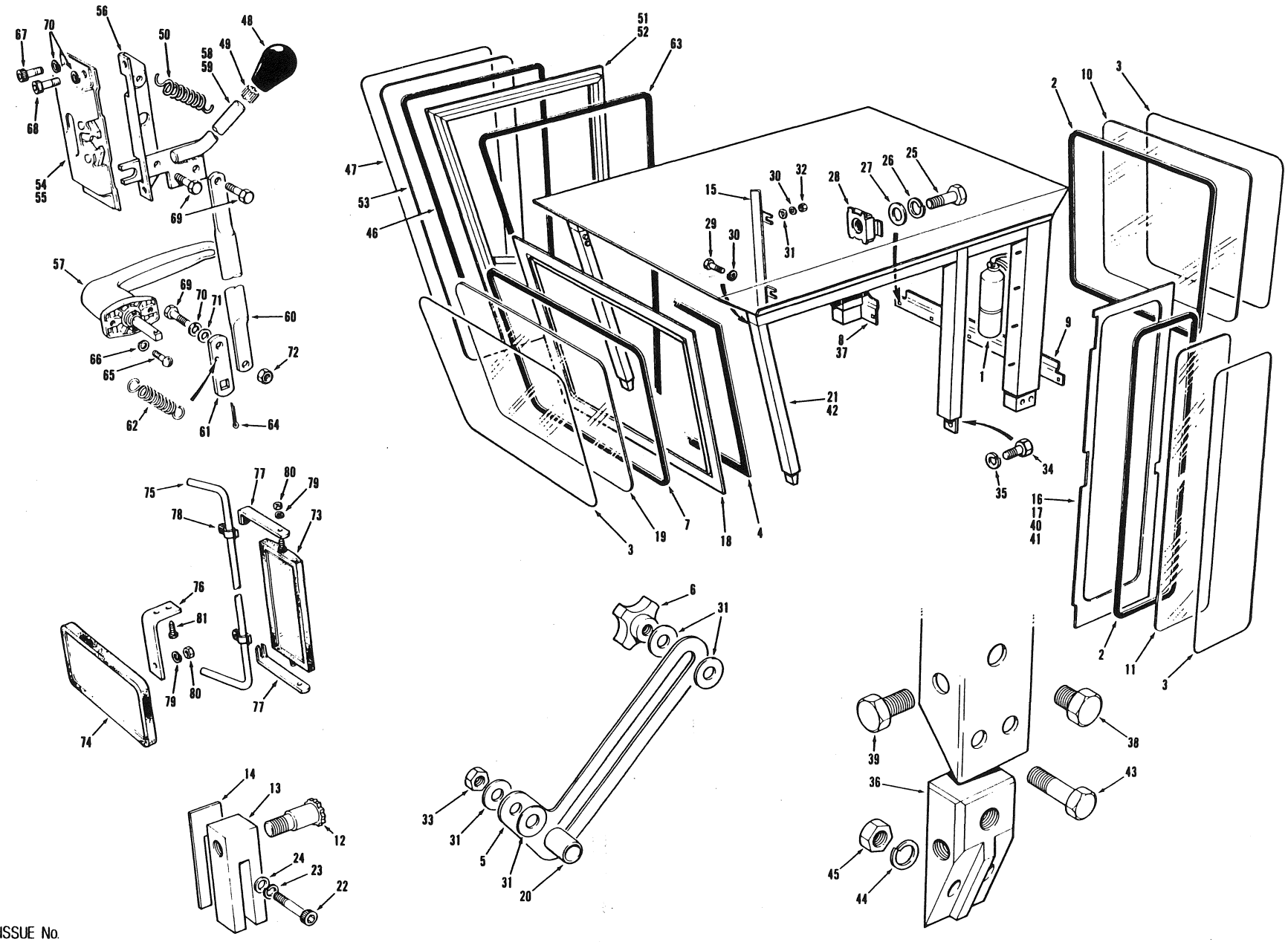
SECTION 11 PAGE 3
SECCION PAGINA

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

LOWER HALF-CAB

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	*65091	**LOWER CAB WELDED ASSEMBLY - R.O.P.S.**	1	
1	*65089	**LOWER CAB WELDED ASSEMBLY - R.O.P.S. - AIR CONDITIONER**	1	
	*65094	**LOWER CAB WELDED ASSEMBLY SPLIT**	1	
2	57965	**LOWER CAB WELDED ASSEMBLY - CANOPY**	1	
3	65066	**LOWER CAB WELDED ASSEMBLY - R.O.P.S. CANOPY**	1	
4	15388 x 120	LOCKING STRIP	2	
5	23017 x 120	RUBBER CHANNEL	2	
6	32416	GLASS - FRONT	2	
7	48556	KNOB	2	
8	17588	INSERT	2	
9	26921	RELEASE ROD - L.H.	1	
10	27602	RELEASE ROD - R.H.	1	
11	26920	GROMMET	2	
12	13C-0416	ROLL PIN	2	
13	8065	SPRING	2	
14	1412	YOKE	2	
15	26938	LATCH	2	
16	10A-0616	CLEVIS PIN	2	
17	10A-0622	CLEVIS PIN	2	
18	13A-0316	COTTER PIN	4	
19	9480 x 10.5	HOSE	1	
20	57885	U-BOLT	1	
21	14A-04Zl	LOCKWASHER	2	
22	30A-04Zl	NUT	4	
23	16488	VENT DOOR	1	
24	26019	DOOR BUMPER	4	
25	30D-08	NUT	4	
26	*65027	SEAT DECK - CENTER	1	
27	*65031	SEAT DECK - R.H.	1	
28	*65035	SEAT DECK - L.H.	1	
29	41370	SIDE PANEL	2	
30	28804 x 18	SEALING TAPE	1	
31	53478	BACK JOINER PLATE	1	
32	50A-0506Zl	BOLT	9	
33	*50F-0508	BOLT	4	
34	14A-05Zl	LOCKWASHER	19	
35	14C-05Zl	FLATWASHER	19	
36	30A-05Zl	NUT	6	
37	38A-0502	CAGE NUT	5	
38	38A-0503	CAGE NUT	4	
39	50A-0608	BOLT	2	
40	14A-06	LOCKWASHER	2	
41	51111	STEP - L.H.	1	
	51112	STEP - R.H.	1	
	58794	STEP - L.H. MAST INSTALLATION	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
42	50A-0808	BOLT - CANOPY	4	
43	50A-0810	BOLT	4	
44	14A-08	LOCKWASHER	8	
45	14C-08	FLATWASHER	6	
46	*65121	COVER PLATE - SEAT DECK LOUVRE	3	
47	*65122	COVER PLATE - SEAT RISER LOUVRE	2	
		COMPLETE HALF CAB		
2	57965	**LOWER CAB WELDED ASSEMBLY - CANOPY**	1	
48	32457	COVER PLATE - L.H.	1	
49	32458	COVER PLATE - R.H.	1	
50	65243	COVER	2	
51	14A-06Zl	LOCKWASHER	20	
52	14C-06Zl	FLATWASHER	20	
53	30A-06Zl	NUT	20	
54	48789	SWITCH PANEL	1	
55	62A-1006	SCREW	2	
56	32461	PLUG	2	
		CAB MOUNTS		
57	11967	WASHER	2	
58	11970	RUBBER MOUNT	4	
59	30075	WASHER	2	
60	49380	FLATWASHER	16	
61	46800	SPACER	8	
62	50A-1232	BOLT	2	
63	50A-1236	BOLT	2	
64	14A-12	LOCKWASHER	4	
65	30A-12	NUT	4	
66	57005	BOLT	8	
67	57004	NUT	8	
68	46837	HANDLE - GRAB	2	Repair Part
69	46838	HANDLE - GRAB	2	
70	46874	HANDLE - GRAB	1	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1

UPPER CAB

NOVEMBER 1984

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

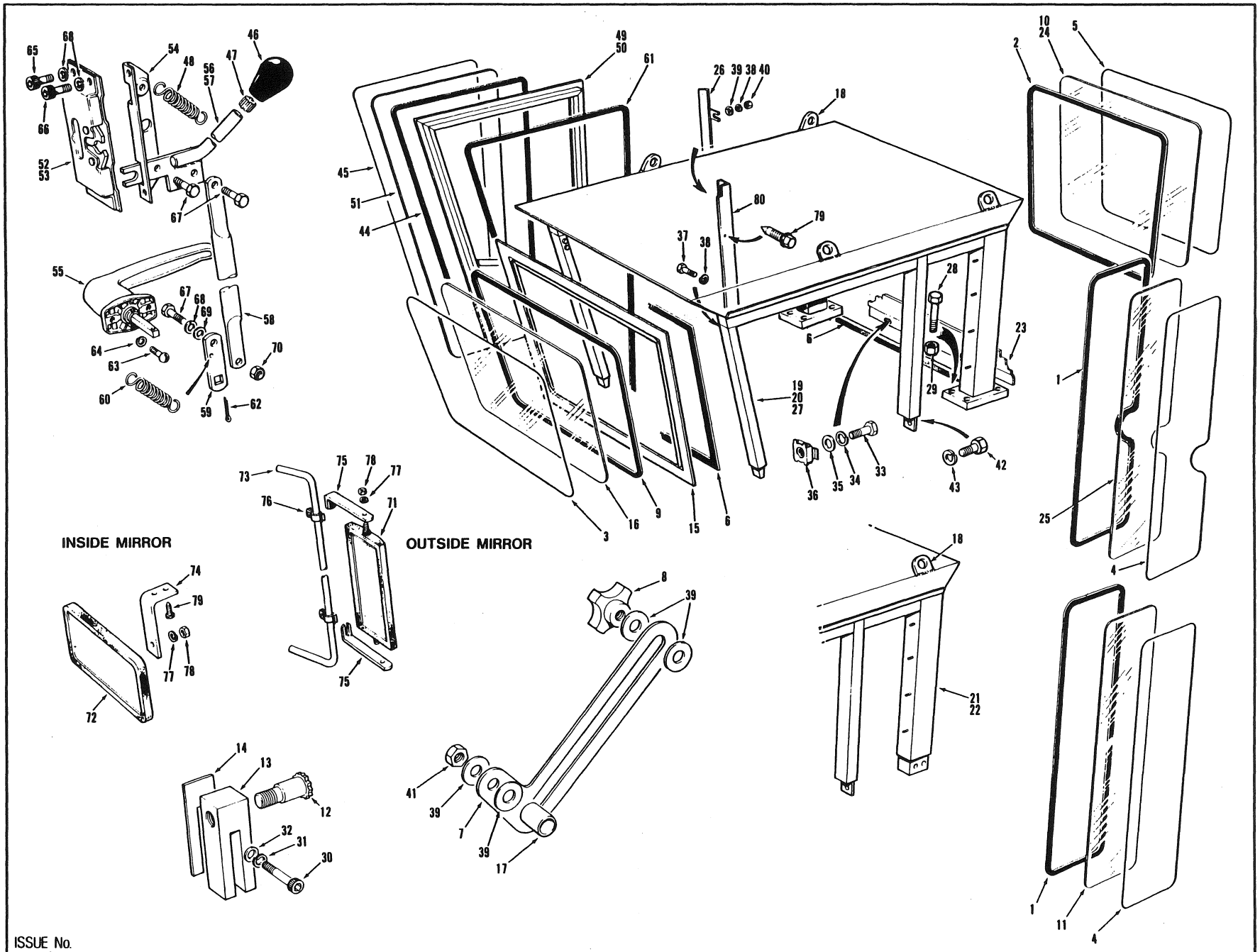
SECTION 11 PAGE 5
SECCION 11 PAGINA 5

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

UPPER CAB

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	2806	FIRE EXTINGUISHER	A.R.	
2	15386	RUBBER CHANNEL	A.R.	
3	15388	LOCKING STRIP	A.R.	
4	19176	WEATHER STRIP	A.R.	
5	19784	ADJUSTING SLIDE	2	
6	19890	KNOB	2	
7	23017	RUBBER CHANNEL	A.R.	
8	28531	WRAP SHEET	1	
9	28535	JOINER	1	
10	28571	GLASS - REAR	1	
11	28573	GLASS - SIDE	2	
12	28580	STRIKER PIN	2	
13	28597	BLOCK - DOOR CATCH	2	
14	28598	SHIM	2	
15	28908	COVER PLATE	1	
16	32634	WINDOW FRAME- L.H.	1	
17	32635	WINDOW FRAME - R.H.	1	
18	33280	WINDSHIELD FRAME	1	
19	33281	GLASS - WINDSHIELD	1	
20	33284	SPACER	2	
21	33306	SPLIT CAB WELDED ASSY. - UPPER	1	
22	50D-0410	BOLT	4	
23	14A-04	LOCKWASHER	4	
24	14C-04	FLATWASHER	4	
25	50A-0506	BOLT	5	
26	14A-05	LOCKWASHER	5	
27	14C-05	FLATWASHER	5	
28	38A-0504	CAGENUT	5	
29	50A-0608	BOLT	4	
30	14A-06	LOCKWASHER	7	
31	14C-06	FLATWASHER	11	
32	30A-06	NUT	3	
33	36D-06	LOCKNUT	2	
34	50A-0810	BOLT	6	
35	14A-08	LOCKWASHER	6	
		R.O.P.S.		
36	28728	JOINER	2	
37	32487	WRAP SHEET	1	
38	32492	BOLT	4	
39	32493	BOLT	4	
40	32636	WRAP SHEET - R.H.	1	
41	32637	WRAP SHEET - L.H.	1	
42	33305	UPPER CAB WELDED ASSY. - R.O.P.S.	1	
43	51A-2024	BOLT	4	
44	14A-20	LOCKWASHER	4	
45	37D-20	LOCKNUT	4	
		DOORS		OPTIONAL
46	15386	RUBBER CHANNEL	A.R.	
47	15388	LOCKING STRIP	A.R.	
48	17587	KNOB	1	
49	17588	INSERT	1	
50	23294	SPRING	1	
51	27617	DOOR - R.H.	1	
52	27618	DOOR - L.H.	1	
53	28574	GLASS - DOOR	1	
54	28577	LATCH - R.H.	1	
55	28578	LATCH - L.H.	1	
56	28579	MOUNTING PLATE	1	
57	28581	HANDLE	1	
58	28582	LEVER - L.H.	1	
59	28583	LEVER - R.H.	1	
60	28586	ROD	1	
61	28588	LEVER	1	
62	28630	SPRING	1	
63	28709	WEATHER SEAL	A.R.	
64	13A-0212	COTTER PIN	1	
65	52L-0803	MACHINE SCREW	2	
66	14F-08	LOCKWASHER	2	
67	50D-0406	BOLT	2	
68	50D-0408	BOLT	2	
69	51A-0406	BOLT	3	
70	14A-04	LOCKWASHER	4	
71	14C-04	FLATWASHER	1	
72	37D-04	LOCKNUT	3	
		MIRROR INSTALLATION		OPTIONAL
73	8596A	MIRROR - OUTSIDE	1or2	
74	8597A	MIRROR - INSIDE - C/W ITEMS 79 & 80	1	
75	28656-1	MOUNTING BAR	1or2	
76	28760-1	BRACKET	1	
77	32323	BRACKET	2or4	
78	32892	INSTALLATION KIT - C/W CLAMPS & HARDWARE	2or4	
79	14A-05	LOCKWASHER	5	
80	30A-05	NUT	5	
81	62A-1006	SCREW	2	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION C

UPPER CAB

APRIL 1988

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16883 TO 18801
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2595-2 & UP

700 SERIES
SERIE 700

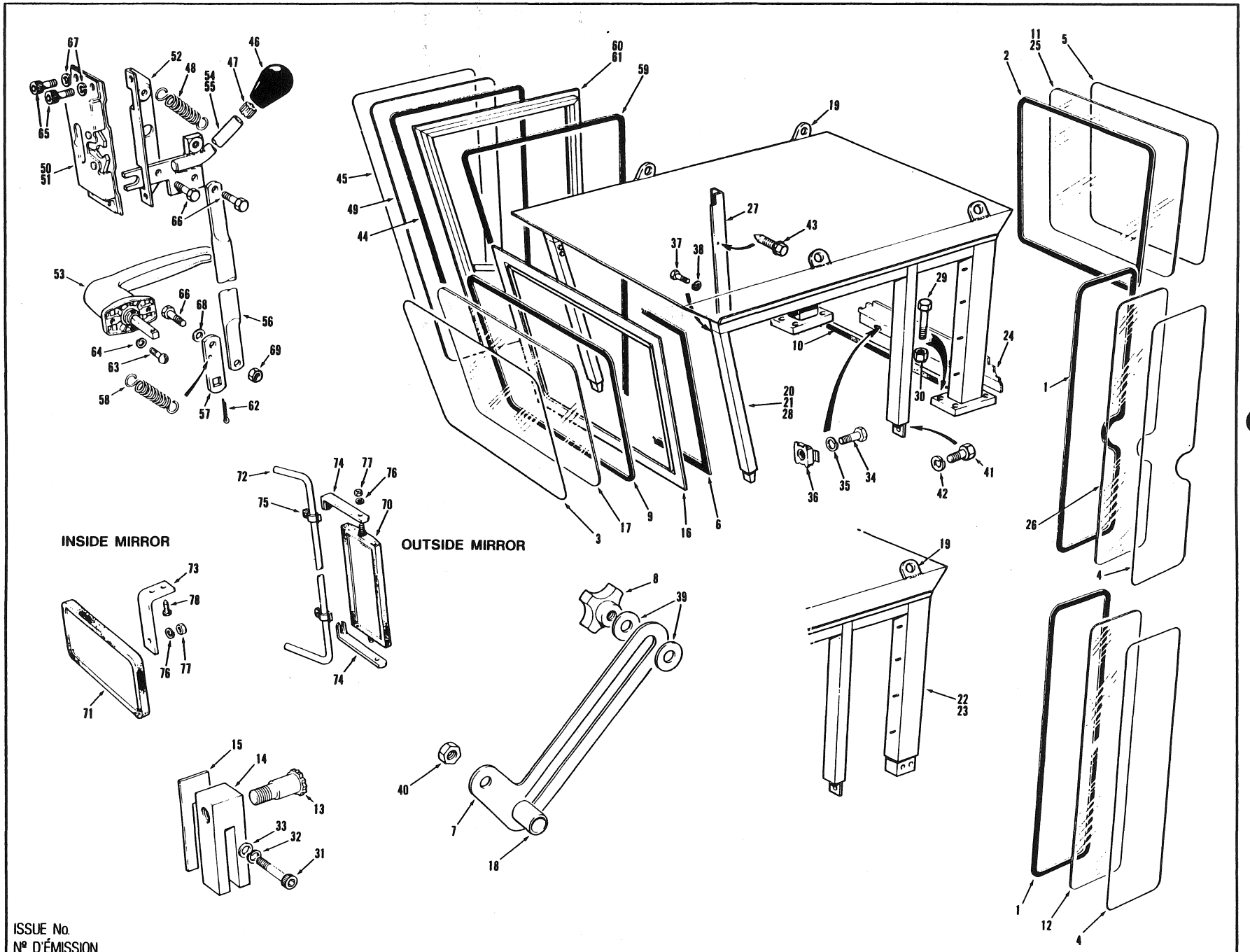
SECTION 11 PAGE 5
SECCION 11 PAGINA 5

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	15386 X 148	RUBBER CHANNEL - 148 INCHES LONG	1	
2	15386 X 180	RUBBER CHANNEL - 180 INCHES LONG	1	
3	15388 X 168	LOCKING STRIP - 168 INCHES LONG	1	
4	15388 X 148	LOCKING STRIP - 148 INCHES LONG	1	
5	15388 X 180	LOCKING STRIP - 180 INCHES LONG	1	
6	19176 X 180	WEATHER STRIP - 180 INCHES LONG	1	
7	19784	ADJUSTING SLIDE	2	
8	19890	KNOB	2	
9	23017 X 168	RUBBER CHANNEL - 168 INCHES LONG	1	
10	28571	GLASS - REAR	1	
11	28573	GLASS - SIDE	2	
12	28580	STRIKER PIN	2	
13	28597	BLOCK - DOOR CATCH	2	
14	28598	SHIM	2	
15	33280	WINDSHIELD FRAME	1	
16	33281	GLASS - WINDSHIELD	1	
17	33284	SPACER	2	
18	36493	CAB LIFTING EYE	4	REPAIR PART
19	40543	UPPER CAB WELDED ASSY. - R.O.P.S.	1	
20	40544	UPPER CAB WELDED ASSY. - R.O.P.S.SHELL	1	
21	40549	UPPER CAB WELDED ASSY.	1	
22	40550	UPPER CAB WELDED ASSY. - SHELL	1	
23	40676	JOINER	1	
24	40690	GLASS - REAR - R.O.P.S.	1	
25	40691	GLASS - SIDE - R.O.P.S.	1	
26	42643	COVER PLATE (UP TO 18712, 18714, 18718)	1	
27	50053	UPPER CAB WELDED ASSY. - AIR	1	
28	50A-1628	BOLT - R.O.P.S.	8	
29	36D-16	LOCKNUT - R.O.P.S.	8	
30	50D-0410	BOLT	4	
31	14A-04	LOCKWASHER	4	
32	14C-04	FLATWASHER	4	
33	50A-0506	BOLT	5	
34	14A-05	LOCKWASHER	5	
35	14C-05	FLATWASHER	5	
36	38A-0504	CAGENUT	5	
37	50A-0608	BOLT	4	
38	14A-06	LOCKWASHER	7	
39	14C-06	FLATWASHER	11	
40	30A-06	NUT	3	
41	36D-06	LOCKNUT	2	
42	50A-0810	BOLT	6	
43	14A-08	LOCKWASHER	6	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		DOORS		OPTIONAL
44	15386 X 192	RUBBER CHANNEL - 192 INCHES LONG	1	
45	15388 X 192	LOCKING STRIP - 192 INCHES LONG	1	
46	17587	KNOB	1	
47	17588	INSERT	1	
48	23294	SPRING	1	
49	27617	DOOR - R.H.	1	
50	27618	DOOR - L.H.	1	
51	28574	GLASS - DOOR	1	
52	28577	LATCH - R.H.	1	
53	28578	LATCH - L.H.	1	
54	28579	MOUNTING PLATE	1	
55	28581	HANDLE	1	
56	28582	LEVER - L.H.	1	
57	28583	LEVER - R.H.	1	
58	28586	ROD	1	
59	28588	LEVER	1	
60	28630	SPRING	1	
61	28709 X 210	WEATHER SEAL - 210 INCHES LONG	1	
62	13A-0212	COTTER PIN	1	
63	52L-0803	MACHINE SCREW	2	
64	14F-08	LOCKWASHER	2	
65	50D-0406	BOLT	2	
66	50D-0408	BOLT	2	
67	51A-0406	BOLT	3	
68	14A-04	LOCKWASHER	5	
69	14C-04	FLATWASHER	1	
70	37D-04	LOCKNUT	3	
		MIRROR INSTALLATION		OPTIONAL
71	8596A	MIRROR - OUTSIDE	1	
72	8597A	MIRROR - INSIDE - C/W ITEMS 77 & 78	1	
73	28656-1	MOUNTING BAR	2	
74	28760-1	BRACKET	1	
75	32323	BRACKET	2	
76	32892	INSTALLATION KIT - C/W CLAMPS & HARDWARE	2	
77	14A-05	LOCKWASHER	5	
78	30A-05	NUT	5	
79	62A-1006	SCREW	2	
80	*48091	UPPER COVER PLATE	1	SERIAL NO. 18713, 18715 TO 18717, 18719 & UP



EFFECTIVE SERIAL NUMBER(S) 188021, 18878 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 11 PAGE 5
SECCION 11 PAGINA 5

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3 REVISION A

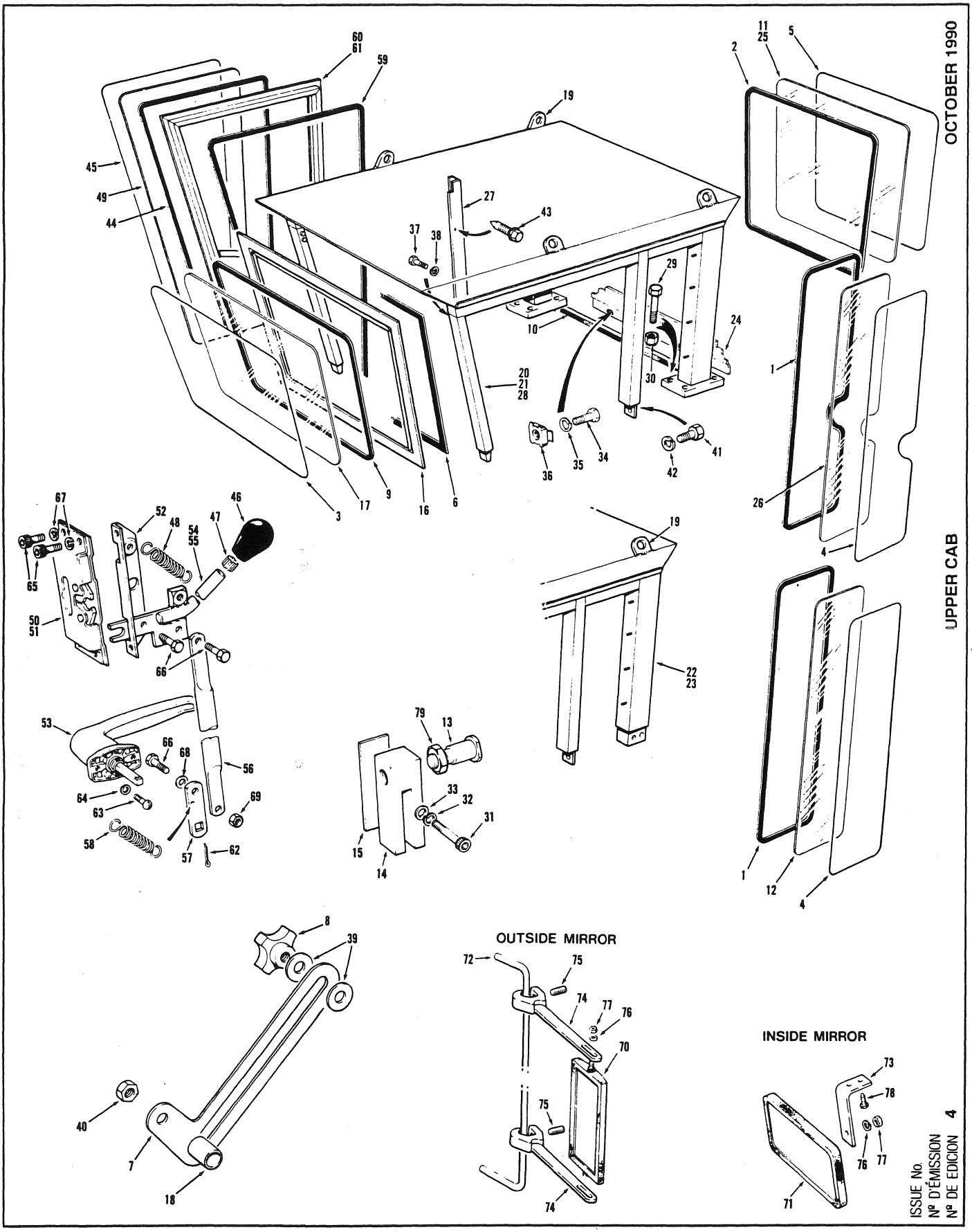
UPPER CAB

MAY 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	15386 X 148	RUBBER CHANNEL - 148 INCHES LONG	2	
2	15386 X 180	RUBBER CHANNEL - 180 INCHES LONG	1	
3	15388 X 168	LOCKING STRIP - 168 INCHES LONG	1	
4	15388 X 148	LOCKING STRIP - 148 INCHES LONG	2	
5	15388 X 180	LOCKING STRIP - 180 INCHES LONG	1	
6	19176 X 180	WEATHER STRIP - 180 INCHES LONG	1	
7	19784	ADJUSTING SLIDE	2	
8	19890	KNOB	2	
9	23017 X 168	RUBBER CHANNEL - 168 INCHES LONG	1	
10	28804 X 18	TAPE - 18 INCHES LONG	2	
11	28571	GLASS - REAR	1	
12	28573	GLASS - SIDE	2	
13	28580	STRIKER PIN	2	
14	28597	BLOCK - DOOR CATCH	2	
15	28598	SHIM	4	
16	33280	WINDSHIELD FRAME	1	
17	33281	GLASS - WINDSHIELD	1	
18	33284	SPACER	2	
19	36493	CAB LIFTING EYE	4	REPAIR PART
20	40543	UPPER CAB WELDED ASSY. - R.O.P.S.	1	
21	40544	UPPER CAB WELDED ASSY. - R.O.P.S.SHELL	1	
22	40549	UPPER CAB WELDED ASSY.	1	
23	40550	UPPER CAB WELDED ASSY. - SHELL	1	
24	*53478	JOINER	1	
25	40690	GLASS - REAR - R.O.P.S.	1	
26	40691	GLASS - SIDE - R.O.P.S.	1	
27	*48803	UPPER COVER PLATE	1	
28	50053	UPPER CAB WELDED ASSY. - R.O.P.S. - AIR CONDITIONER	1	
29	50A-1628	BOLT - R.O.P.S.	8	
30	36N-16	LOCKNUT - R.O.P.S.	8	
31	50A-0410	BOLT	4	
32	14J-04	LOCKWASHER	4	
33	14C-04	FLATWASHER	4	
34	50A-0506	BOLT	5	
35	14A-05	LOCKWASHER	5	
36	38A-0502	CAGENUT	5	
37	50A-0608	BOLT	4	
38	14A-06	LOCKWASHER	4	
39	14C-06	FLATWASHER	4	
40	36D-06	LOCKNUT	2	
41	50A-0810	BOLT	6	
42	14A-08	LOCKWASHER	6	
43	62A-1006	SCREW	2	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		DOORS		OPTIONAL
44	15386 X 192	RUBBER CHANNEL - 192 INCHES LONG	1	
45	15388 X 192	LOCKING STRIP - 192 INCHES LONG	1	
46	*48556	KNOB	1	
47	17588	INSERT	1	
48	*28630	SPRING	1	
49	28574	GLASS - DOOR	1	
50	28577	LATCH - R.H.	1	
51	28578	LATCH - L.H.	1	
52	28579	MOUNTING PLATE	1	
53	28581	HANDLE	1	
54	28582	LEVER - L.H.	1	
55	28583	LEVER - R.H.	1	
56	28586	ROD	1	
57	28588	LEVER	1	
58	28630	SPRING	1	
59	43578 X 210	WEATHER SEAL - 210 INCHES LONG	1	
60	46753	DOOR - R.H.	1	
61	46754	DOOR - L.H.	1	
62	13A-0212	COTTER PIN	1	
63	52L-0803	MACHINE SCREW	2	
64	14F-08	LOCKWASHER	2	
65	50D-0408	BOLT	4	
66	50A-0406	BOLT	3	
67	14A-04	LOCKWASHER	4	
68	14C-04	FLATWASHER	1	
69	36D-04	LOCKNUT	3	
		MIRROR INSTALLATION		OPTIONAL
70	8596A	MIRROR - OUTSIDE	1	
71	8597A	MIRROR - INSIDE - C/W ITEMS 76 & 77	1	
72	28656-1	MOUNTING BAR	2	
73	28760-1	BRACKET	1	
74	*49792	BRACKET	2	
75	32892	INSTALLATION KIT - C/W CLAMPS & HARDWARE	2	
76	14A-05	LOCKWASHER	5	
77	30A-05	NUT	5	
78	62A-1006	SCREW	2	



CHAMPION ROAD MACHINERY

OCTOBER 1990

UPPER CAB

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR LIST OF PARTS - TURN THIS PAGE

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

EFFECTIVE SERIAL NUMBER(S) 20719 TO 20892,
NUMERO(S) DE SÉRIE EFFECTIF(S) EXCLUDING 20731
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 11 PAGE 5
SECCION PAGINA

SECTION / SECCION 11 | PAGE / PAGINA 6 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 4

UPPER CAB

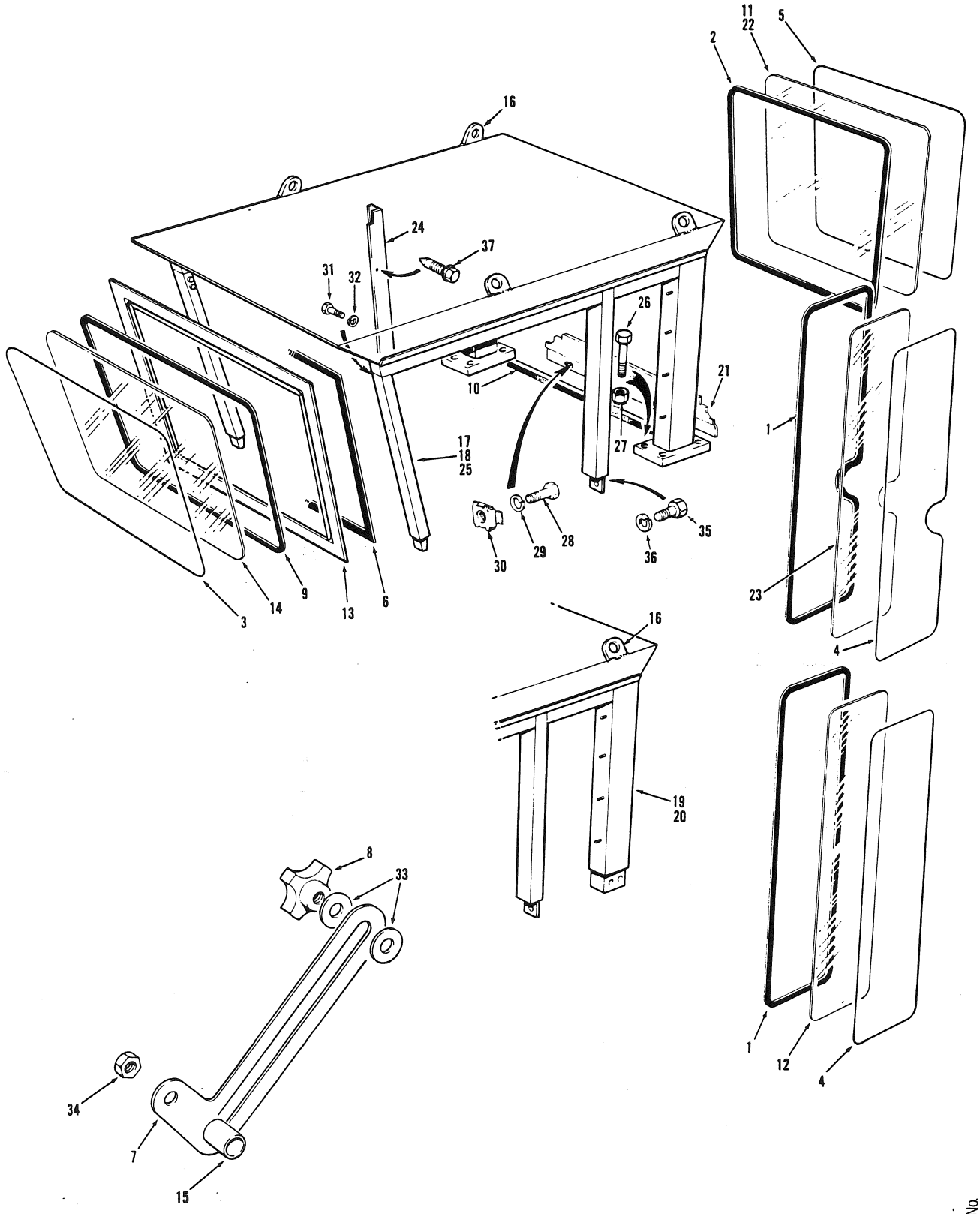
OCTOBER 1990

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	15386 x 148	RUBBER CHANNEL - 148" LONG	2	
2	15386 x 180	RUBBER CHANNEL - 180" LONG	1	
3	15388 x 168	LOCKING STRIP - 168" LONG	1	
4	15388 x 148	LOCKING STRIP - 148" LONG	2	
5	15388 x 180	LOCKING STRIP - 180" LONG	1	
6	19176 x 180	WEATHER STRIP - 180" LONG	1	
7	19784	ADJUSTING SLIDE	2	
8	19890	KNOB	2	
9	23017 x 168	RUBBER CHANNEL - 168" LONG	1	
10	28804 x 18	TAPE - 18" LONG	2	
11	28571	GLASS - REAR	1	
12	28573	GLASS - SIDE	2	
13	28580	STRIKER PIN	2	
14	28597	BLOCK - DOOR CATCH	2	
15	28598	SHIM	4	
16	33280	WINDSHIELD FRAME	1	
17	33281	GLASS - WINDSHIELD	1	
18	33284	SPACER	2	
19	36493	CAB LIFTING EYE	4	Repair Part
20	40543	UPPER CAB WELDED ASSEMBLY - R.O.P.S.	1	
21	40544	UPPER CAB WELDED ASSEMBLY - R.O.P.S. SHELL	1	
22	40549	UPPER CAB WELDED ASSEMBLY	1	
23	40550	UPPER CAB WELDED ASSEMBLY - SHELL	1	
24	53478	JOINER	1	
25	40690	GLASS - REAR - R.O.P.S.	1	
26	40691	GLASS - SIDE - R.O.P.S.	1	
27	48803	UPPER COVER PLATE	1	
28	50053	UPPER CAB WELDED ASSEMBLY - R.O.P.S. - AIR CONDITIONER	1	
29	*57003	BOLT - R.O.P.S.	8	
30	*57002	LOCKNUT - R.O.P.S.	8	
31	50A-0410	BOLT	4	
32	14J-04	LOCKWASHER	4	
33	14C-04	FLATWASHER	4	
34	50A-0506	BOLT	5	
35	14A-05	LOCKWASHER	5	
36	38A-0502	CAGENUT	5	
37	50A-0608	BOLT	4	
38	14A-06	LOCKWASHER	4	
39	14C-06	FLATWASHER	4	
40	36D-06	LOCKNUT	2	
41	50A-0810	BOLT	6	
42	14A-08	LOCKWASHER	6	
43	62A-1006	SCREW	2	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		DOORS		Optional
44	15386 x 192	RUBBER CHANNEL - 192" LONG	1	
45	15388 x 192	LOCKING STRIP - 192" LONG	1	
46	48556	KNOB	1	
47	17588	INSERT	1	
48	28630	SPRING	1	
49	28574	GLASS - DOOR	1	
50	28577	LATCH - R.H.	1	
51	28578	LATCH - L.H.	1	
52	28579	MOUNTING PLATE	1	
53	28581	HANDLE	1	
54	28582	LEVER - L.H.	1	
55	28583	LEVER - R.H.	1	
56	28586	ROD	1	
57	28588	LEVER	1	
58	28630	SPRING	1	
59	43578 x 210	WEATHER SEAL - 210" LONG	1	
60	46753	DOOR - R.H.	1	
61	46754	DOOR - L.H.	1	
62	13A-0212	COTTER PIN	1	
63	52L-0803	MACHINE SCREW	2	
64	14F-08	LOCKWASHER	2	
65	50D-0408	BOLT	4	
66	50A-0406	BOLT	3	
67	14A-04	LOCKWASHER	4	
68	14C-04	FLATWASHER	1	
69	36D-04	LOCKNUT	3	
		MIRROR INSTALLATION		Optional
70	8596A	MIRROR - OUTSIDE	1	
71	8597A	MIRROR - INSIDE - C/W ITEMS 76 & 77	1	
72	28656-1	MOUNTING BAR	2	
73	28760-1	BRACKET	1	
74	*57325	BRACKET	2	
75	*70E-0616	SET SCREW	1	
76	14A-05	LOCKWASHER	5	
77	30A-05	NUT	5	
78	62A-1006	SCREW	2	
79	*31D-08	LOCKNUT	2	

UPPER CAB

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

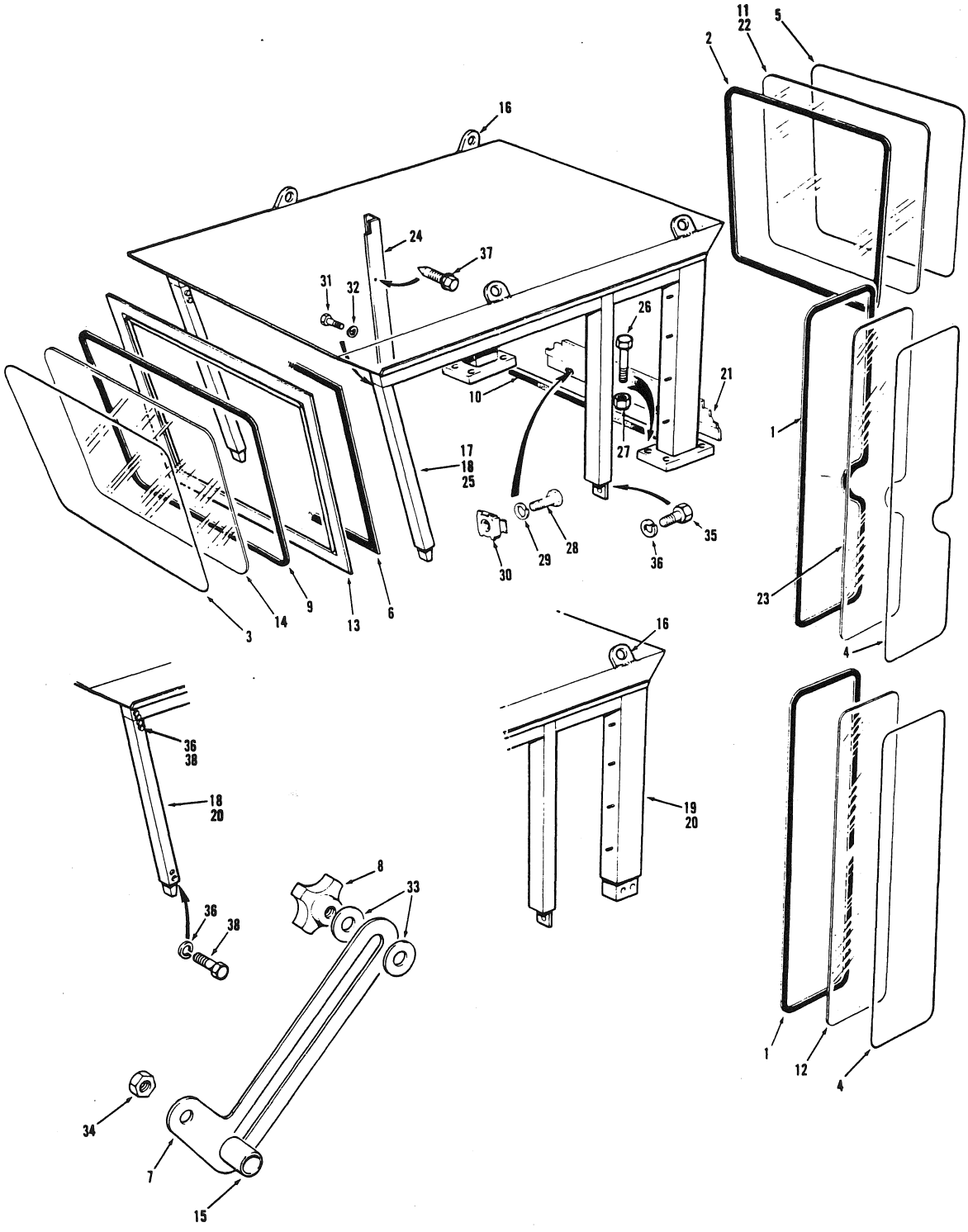


ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	15386 x 148	RUBBER CHANNEL	2	
2	15386 x 180	RUBBER CHANNEL	1	
3	15388 x 168	LOCKING STRIP	1	
4	15388 x 148	LOCKING STRIP	2	
5	15388 x 180	LOCKING STRIP	1	
6	* 57684 x 180	WEATHER STRIP	1	
7	19784	ADJUSTING SLIDE	2	
8	19890	KNOB	2	
9	23017 x 168	RUBBER CHANNEL	1	
10	28804 x 18	TAPE - 18" LONG	2	
11	28571	GLASS - REAR	1	
12	28573	GLASS - SIDE	2	
13	33280	WINDSHIELD FRAME	1	
14	33281	GLASS - WINDSHIELD	1	
15	33284	SPACER	2	
16	36493	CAB LIFTING EYE	4	Repair Part
17	* 57189	**UPPER CAB WELDED ASSEMBLY - R.O.P.S.**	1	
18	* 57193	**UPPER CAB WELDED ASSEMBLY - R.O.P.S. SHELL**	1	
19	* 57185	**UPPER CAB WELDED ASSEMBLY**	1	
20	* 57220	**UPPER CAB WELDED ASSEMBLY - SHELL**	1	
21	53478	JOINER	1	
22	40690	GLASS - REAR - R.O.P.S.	1	
23	40691	GLASS - SIDE - R.O.P.S.	1	
24	48803	UPPER COVER PLATE	1	
25	* 57197	**UPPER CAB WELDED ASSEMBLY - R.O.P.S. - AIR CONDITIONER**	1	
26	57003	BOLT - R.O.P.S.	8	
27	57002	LOCKNUT - R.O.P.S.	8	
28	50A-0506	BOLT	5	
29	14A-05	LOCKWASHER	5	
30	38A-0502	CAGENUT	5	
31	50A-0608	BOLT	4	
32	14A-06	LOCKWASHER	4	
33	14C-06	FLATWASHER	4	
34	36D-06	LOCKNUT	2	
35	50A-0810	BOLT	6	
36	14A-08	LOCKWASHER	6	
37	62A-1006	SCREW	2	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS

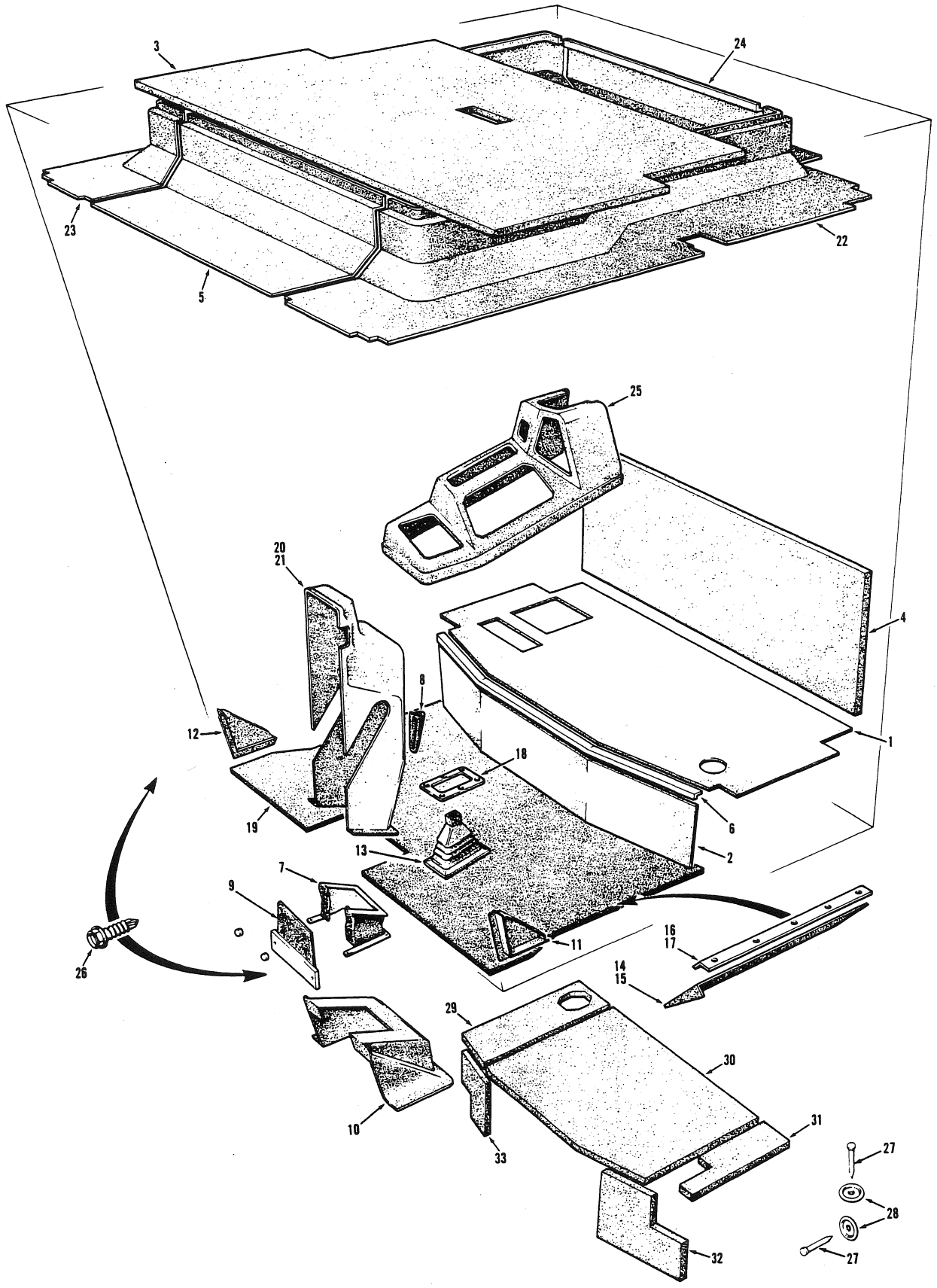

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SECTION / SECCION **11** | PAGE / PAGINA **6** | ISSUE No. / N° D'ÉMISSION / N° DE EDICION **6 REVISION A**

UPPER CAB

JULY 1991

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	15386 x 148	RUBBER CHANNEL	2	
2	15386 x 180	RUBBER CHANNEL	1	
3	15388 x 168	LOCKING STRIP	1	
4	15388 x 148	LOCKING STRIP	2	
5	15388 x 180	LOCKING STRIP	1	
6	57684 x 180	WEATHER STRIP	1	
7	19784	ADJUSTING SLIDE	2	
8	19890	KNOB	2	
9	23017 x 168	RUBBER CHANNEL	1	
10	28804 x 18	TAPE - 18" LONG	2	
11	28571	GLASS - REAR	1	
12	28573	GLASS - SIDE	2	
13	33280	WINDSHIELD FRAME	1	
14	33281	GLASS - WINDSHIELD	1	
15	33284	SPACER	2	
16	36493	CAB LIFTING EYE	4	Repair Part
17	57441	**UPPER CAB WELDED ASSEMBLY** - R.O.P.S.	1	
18	*65067	**UPPER CAB WELDED ASSEMBLY** - R.O.P.S. CANOPY	1	
19	57185	**UPPER CAB WELDED ASSEMBLY**	1	
20	*57966	**UPPER CAB WELDED ASSEMBLY** - CANOPY	1	
21	53478	JOINER	1	
22	40690	GLASS - REAR - R.O.P.S.	1	
23	40691	GLASS - SIDE - R.O.P.S.	1	
24	57519	UPPER COVER PLATE	1	
25	57445	**UPPER CAB WELDED ASSEMBLY** - R.O.P.S. - AIR CONDITIONER	1	
26	57003	BOLT - R.O.P.S.	8	
27	57002	LOCKNUT - R.O.P.S.	8	
28	50A-0506	BOLT	5	
29	14A-05	LOCKWASHER	5	
30	38A-0502	CAGENUT	5	
31	50A-0608	BOLT	4	
32	14A-06	LOCKWASHER	4	
33	14C-06	FLATWASHER	4	
34	36D-06	LOCKNUT	2	
35	50A-0610	BOLT	6	
36	14A-08	LOCKWASHER	18	
37	62A-1006	SCREW	2	
38	*50A-0808	BOLT - CANOPY	12	



CHAMPION ROAD MACHINERY

SOUND SUPPRESSION & INTERIOR TRIM

OCTOBER 1987

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

EFFECTIVE SERIAL NUMBER(S) 16224,16245 TO 16562
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

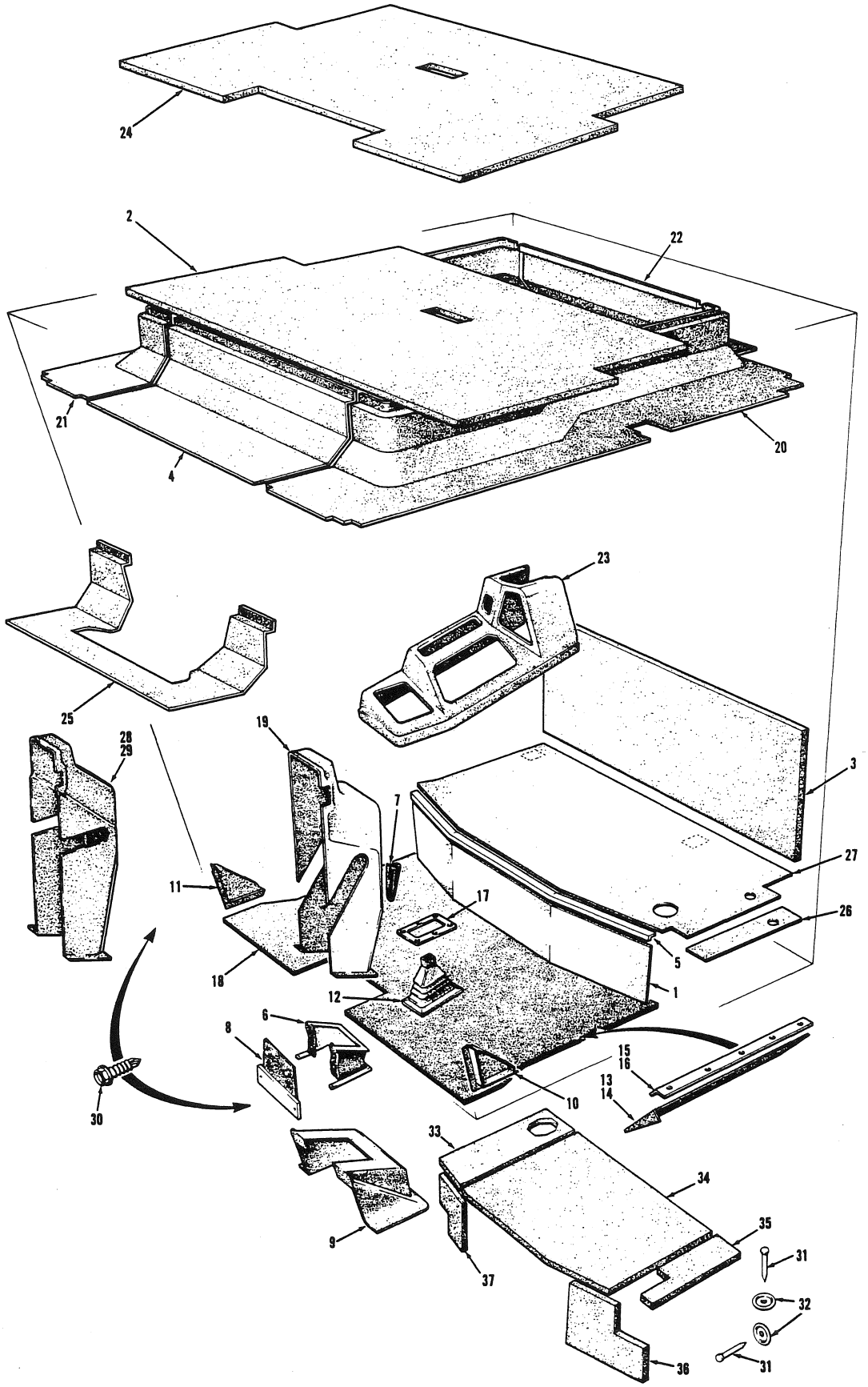
U.S. 2021-2 TO 2246-2

700 SERIES
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SECTION 11 PAGE 7
SECCION PAGINA

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	28671	SEAT DECK MAT	1	
2	28672	SEAT DECK RISER	1	
3	28673	SOUND SUPPRESSION - CEILING	1	
4	28674	SOUND SUPPRESSION - CAB REAR	1	
5	28676	HEADLINER - FRONT	1	
6	28736	GUARD - SEAT DECK RISER	1	
7	28794	PEDESTAL BOOT ASSY.	1	
8	28915	COVER - HAND THROTTLE	1	
9	*28966	COVER - LOWER PEDESTAL FRONT	1	
10	28969	COVER - LOWER PEDESTAL	1	
11	28970	COVER - DOOR LINKAGE - L.H.	1	
12	28971	COVER - DOOR LINKAGE - R.H.	1	
13	33186	BOOT - BRAKE & CLUTCH PEDAL	2	
14	33229	TREADWAY COVER - L.H.	1	
15	33230	TREADWAY COVER - R.H.	1	
16	33231	DOOR SILL CAP - L.H.	1	
17	33232	DOOR SILL CAP - R.H.	1	
18	33602	MOUNTING FLANGE - BOOT	2	
19	33956	FLOOR MAT	1	
20	40129	COVER - PEDESTAL	1	710A, 720A, 730A & 740A
21	40130	COVER - PEDESTAL	1	710, 720, 730, 740 & 760
22	40696	HEADLINER - L.H.	1	
23	40697	HEADLINER - R.H.	1	
24	40698	HEADLINER - REAR	1	
25	40906	CONSOLE - INSTRUMENT	1	
26	62A-1006	SCREW	40	
		SOUND SUPPRESSION - UNDER SEAT DECK		
27	*32357	PIN	36	
28	32358	CLIP	36	
29	41296	SOUND SUPPRESSION - SEAT DECK - R.H.	1	
30	41297	SOUND SUPPRESSION - CENTRE SEAT DECK	1	
31	41298	SOUND SUPPRESSION - SEAT DECK - L.H.	1	
32	41299	SOUND SUPPRESSION - SEAT DECK RISER - L.H.	1	
33	41300	SOUND SUPPRESSION - SEAT DECK RISER - R.H.	1	


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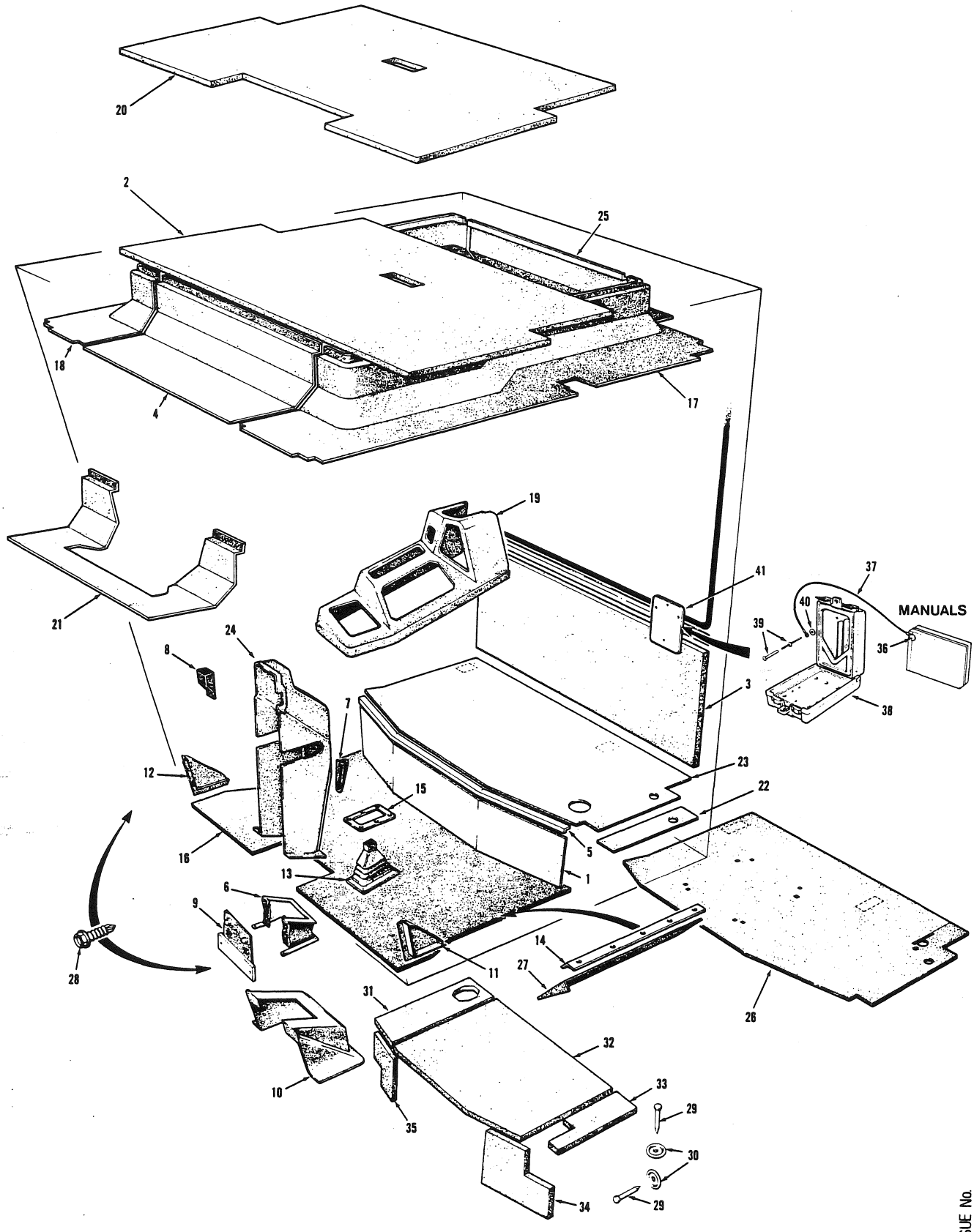
SECTION / SECCION 11 | PAGE / PAGINA 8 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 2 REVISION C

SOUND SUPPRESSION & INTERIOR TRIM

JANUARY 1989

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	28672	SEAT DECK RISER	1	
2	28673	SOUND SUPPRESSION - CEILING	1	
3	28674	SOUND SUPPRESSION - CAB REAR	1	
4	28676	HEADLINER - FRONT	1	
5	28736	GUARD - SEAT DECK RISER	1	
6	28794	PEDESTAL BOOT ASSY.	1	
7	28915	COVER - HAND THROTTLE	1	
8	28966	COVER - LOWER PEDESTAL FRONT	1	
9	28969	COVER - LOWER PEDESTAL	1	
10	28970	COVER - DOOR LINKAGE - L.H.	1	
11	28971	COVER - DOOR LINKAGE - R.H.	1	
12	33186	BOOT - BRAKE & CLUTCH PEDAL	2	
13	33229	TREADWAY COVER - L.H.	1	
14	33230	TREADWAY COVER - R.H.	1	
15	33231	DOOR SILL CAP - L.H.	1	
16	33232	DOOR SILL CAP - R.H.	1	
17	33602	MOUNTING FLANGE - BOOT	2	
18	33956	FLOOR MAT	1	
19	40130	COVER - PEDESTAL	1	UP TO S/N 18712,18714 18718
20	40696	HEADLINER - L.H.	1	
21	40697	HEADLINER - R.H.	1	
22	40698	HEADLINER - REAR	1	
23	40906	CONSOLE - INSTRUMENT	1	
24	41314	SOUND SUPPRESSION - AIR CONDITIONER	1	OPTION
25	41316	HEADLINER - FRONT - AIR CONDITIONER	1	OPTION
26	42433	SOUND SUPPRESSION - SEAT DECK	1	
27	*46555	SOUND SUPPRESSION - SEAT DECK	1	
28	48128	COVER - PEDESTAL	1	S/N 18713, 18715,18716 18717,18719 TO 19291
29	*49467	COVER - PEDESTAL	1	S/N 19292 & UP
30	62A-1006	SCREW	40	
		SOUND SUPPRESSION - UNDER SEAT DECK		
31	32357	PIN	36	
32	32358	CLIP	36	
33	41296	SOUND SUPPRESSION - SEAT DECK - R.H.	1	
34	41297	SOUND SUPPRESSION - CENTRE SEAT DECK	1	
35	41298	SOUND SUPPRESSION - SEAT DECK - L.H.	1	
36	41299	SOUND SUPPRESSION - SEAT DECK RISER - L.H.	1	
37	41300	SOUND SUPPRESSION - SEAT DECK RISER - R.H.	1	

SOUND SUPPRESION, INTERIOR TRIM & MANUALS BOX



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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

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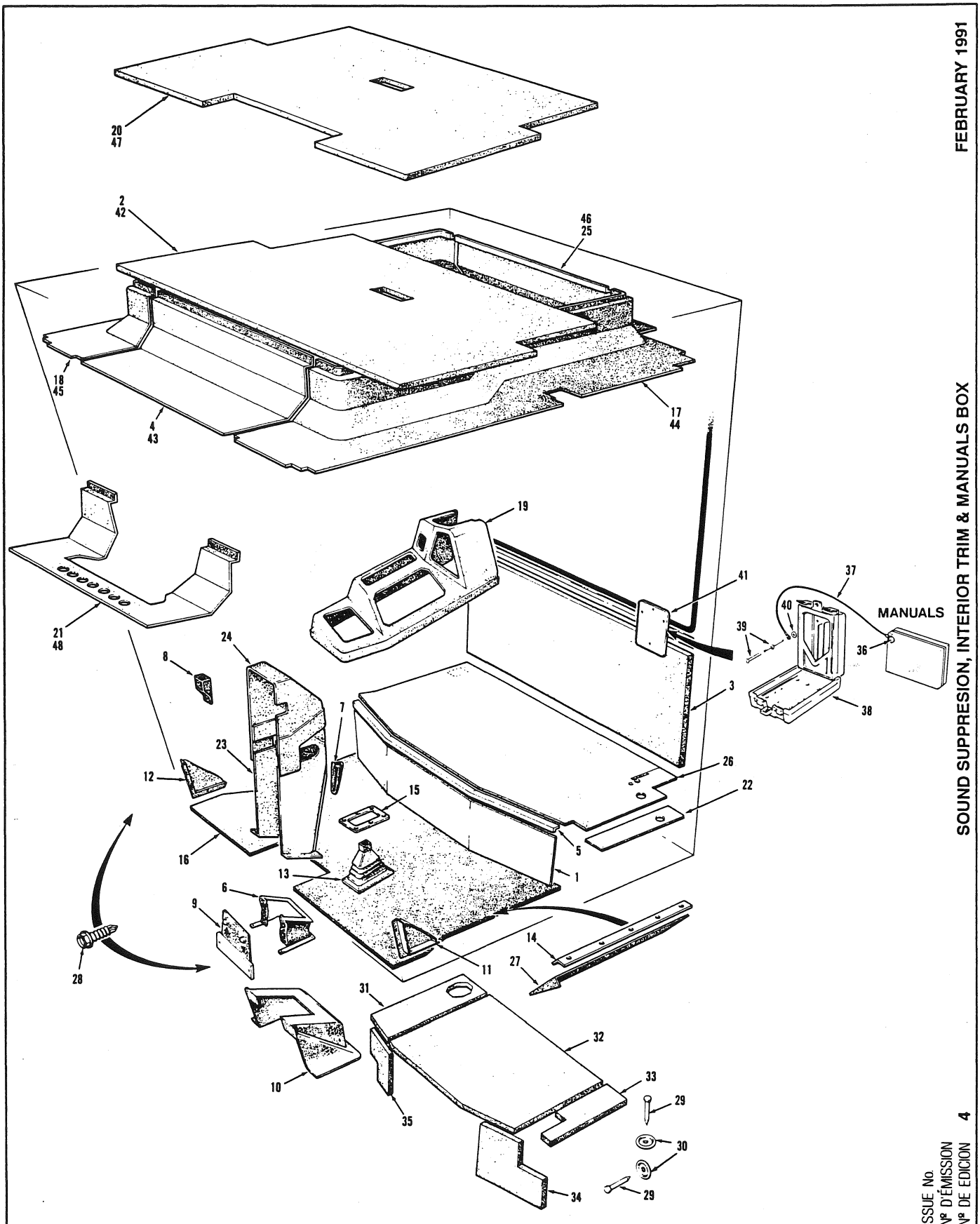
19850, 19855 to 19857, 19859 & UP

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SOUND SUPPRESION, INTERIOR TRIM & MANUALS BOX

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	28672	SEAT DECK RISER	1	
2	28673	SOUND SUPPRESION - CEILING	1	
3	28674	SOUND SUPPRESSION - CAB REAR	1	
4	28676	HEAD LINER - FRONT	1	
5	28736	GUARD - SEAT DECK RISER	1	
6	28794	PEDESTAL BOOT ASSEMBLY	1	
7	28915	COVER - HAND THROTTLE	1	
8	*28962	COVER - ARTIC SWITCH	1	
9	28966	COVER - LOWER PEDESTAL - FRONT	1	
10	28969	COVER - LOWER PEDESTAL	1	
11	28970	COVER - DOOR LINKAGE - L.H.	1	
12	28971	COVER - DOOR LINKAGE - R.H.	1	
13	33186	BOOT - BRAKE & CLUTCH PEDAL	2	
14	33231	DOOR SILL CAP	2	
15	33602	MOUNTING FLANGE - BOOT	2	
16	33956	FLOOR MAT	1	
17	40696	HEADLINER - L.H.	1	
18	40697	HEADLINER - R.H.	1	
19	40906	CONSOLE - INSTRUMENT	1	
20	41314	SOUND SUPPRESSION - AIR CONDITIONER	1	OPTIONAL
21	41316	HEADLINER - FRONT - AIR CONDITIONER	1	OPTIONAL
22	42433	SOUND SUPPRESSION - SEAT DECK	1	
23	46555	SOUND SUPPRESSION - SEAT DECK	1	UP TO S/N 20076
24	49467	COVER - PEDESTAL	1	
25	*51128	HEADLINER - REAR	1	
26	*53537	SOUND SUPPRESSION - SEAT DECK	1	S/N 20077 & UP
27	*54224	TREADWAY COVER	2	
28	62A-1006	SCREW	40	
		SOUND SUPPRESSION - UNDER SEAT DECK		
28	32357	PIN	36	
30	32358	CLIP	36	
31	41296	SOUND SUPPRESSION - SEAT DECK - R.H.	1	
32	41297	SOUND SUPPRESSION - CENTRE SEAT DECK	1	
33	41298	SOUND SUPPRESSION - SEAT DECK - L.H.	1	
34	41299	SOUND SUPPRESSION - SEAT DECK RISER - L.H.	1	
35	41300	SOUND SUPPRESSION - SEAT DECK RISER - R.H.	1	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		MANUALS BOX INSTALLATION		
36	*52004	FASTENER	1	
37	*52006	LANYARD	1	
38	*53064	MANUAL BOX	1	
39	*77C-066	RIVET	4	
40	*14E-0421	WASHER	4	
41	*51995	MOUNTING PLATE	1	REPAIR PART



CHAMPION ROAD MACHINERY

SOUND SUPPRESION, INTERIOR TRIM & MANUALS BOX

FEBRUARY 1991

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ISSUE No. 4
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EFFECTIVE SERIAL NUMBER(S) 21078, 21080, 21082, 21084,
NUMERO(S) DE SÉRIE EFFECTIF(S) 21086, 21092 & UP
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

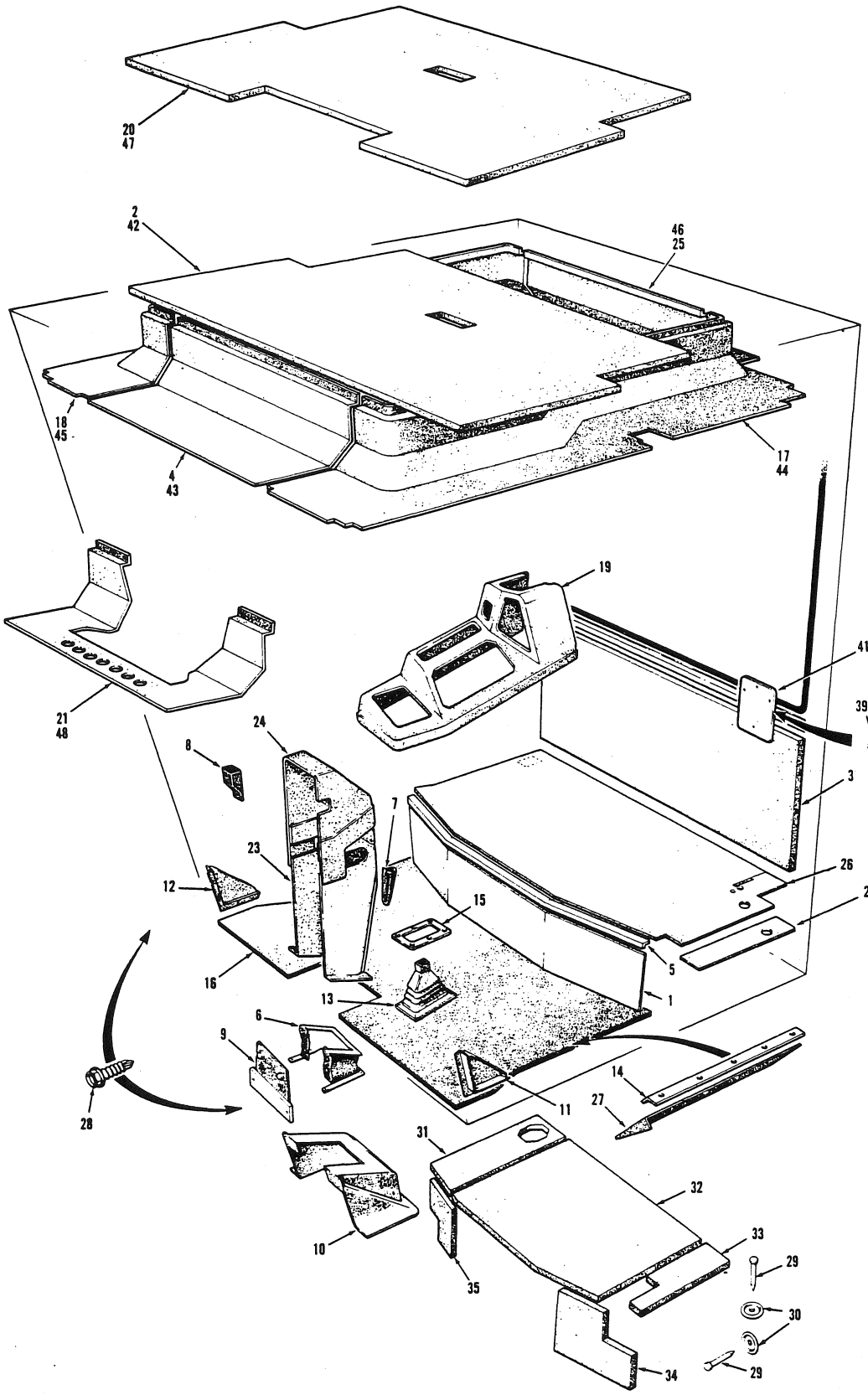
SECTION 11 PAGE 7
SECCION PAGINA

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SOUND SUPPRESION, INTERIOR TRIM & MANUALS BOX

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	28672	SEAT DECK RISER	1	
2	28673	SOUND SUPPRESION - CEILING	1	
3	28674	SOUND SUPPRESSION - CAB REAR	1	
4	*57359	HEAD LINER - FRONT	1	
5	28736	GUARD - SEAT DECK RISER	1	
6	28794	PEDESTAL BOOT ASSEMBLY	1	
7	28915	COVER - HAND THROTTLE	1	
8	28962	COVER - ARTIC SWITCH	1	
9	28966	COVER - LOWER PEDESTAL - FRONT	1	
10	28969	COVER - LOWER PEDESTAL	1	
11	28970	COVER - DOOR LINKAGE - L.H.	1	
12	28971	COVER - DOOR LINKAGE - R.H.	1	
13	33186	BOOT - BRAKE PEDAL	1	
14	33231	DOOR SILL CAP	2	
15	33602	MOUNTING FLANGE - BOOT	2	
16	*54949	FLOOR MAT	1	
17	40696	HEADLINER - L.H.	1	
18	40697	HEADLINER - R.H.	1	
19	40906	CONSOLE - INSTRUMENT	1	
20	41314	SOUND SUPPRESSION - AIR CONDITIONER	1	OPTIONAL
21	*57358	HEADLINER - FRONT - AIR CONDITIONER	1	OPTIONAL
22	42433	SOUND SUPPRESSION - SEAT DECK	1	
23	*57407	COVER - PEDESTAL - LOWER	1	
24	*57408	COVER - PEDESTAL - UPPER	1	
25	51128	HEADLINER - REAR	1	
26	53537	SOUND SUPPRESSION - SEAT DECK	1	
27	54224	TREADWAY COVER	2	
28	62A-1006	SCREW	40	
		SOUND SUPPRESSION - UNDER SEAT DECK		
28	32357	PIN	23	
30	32358	CLIP	23	
31	*57298	SOUND SUPPRESSION - SEAT DECK - R.H.	1	
32	*57299	SOUND SUPPRESSION - CENTRE SEAT DECK	1	
33	*57301	SOUND SUPPRESSION - SEAT DECK - L.H.	1	
34	41299	SOUND SUPPRESSION - SEAT DECK RISER - L.H.	1	
35	41300	SOUND SUPPRESSION - SEAT DECK RISER - R.H.	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		MANUALS BOX INSTALLATION		
36	52004	FASTENER	1	
37	52006	LANYARD	1	
38	53064	MANUAL BOX	1	
39	77C-066	RIVET	4	
40	14E-0421	WASHER	4	
41	51995	MOUNTING PLATE	1	Repair Part
		LOW PROFILE CAB		
42	*57367	SOUND SUPPRESSION - CEILING	1	
43	*57368	HEADLINER - FRONT	1	
44	*57369	HEADLINER - L.H.	1	
45	*57370	HEADLINER - R.H.	1	
46	*57371	HEADLINER - REAR	1	
47	*57415	SOUND SUPPRESSION - AIR CONDITIONER	1	OPTIONAL
48	*57409	HEADLINER - FRONT - AIR CONDITIONER	1	OPTIONAL



CHAMPION ROAD MACHINERY

SOUND SUPPRESSION, INTERIOR TRIM & MANUALS BOX

APRIL 1991

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ISSUE No. 5
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Nº DE EDICION

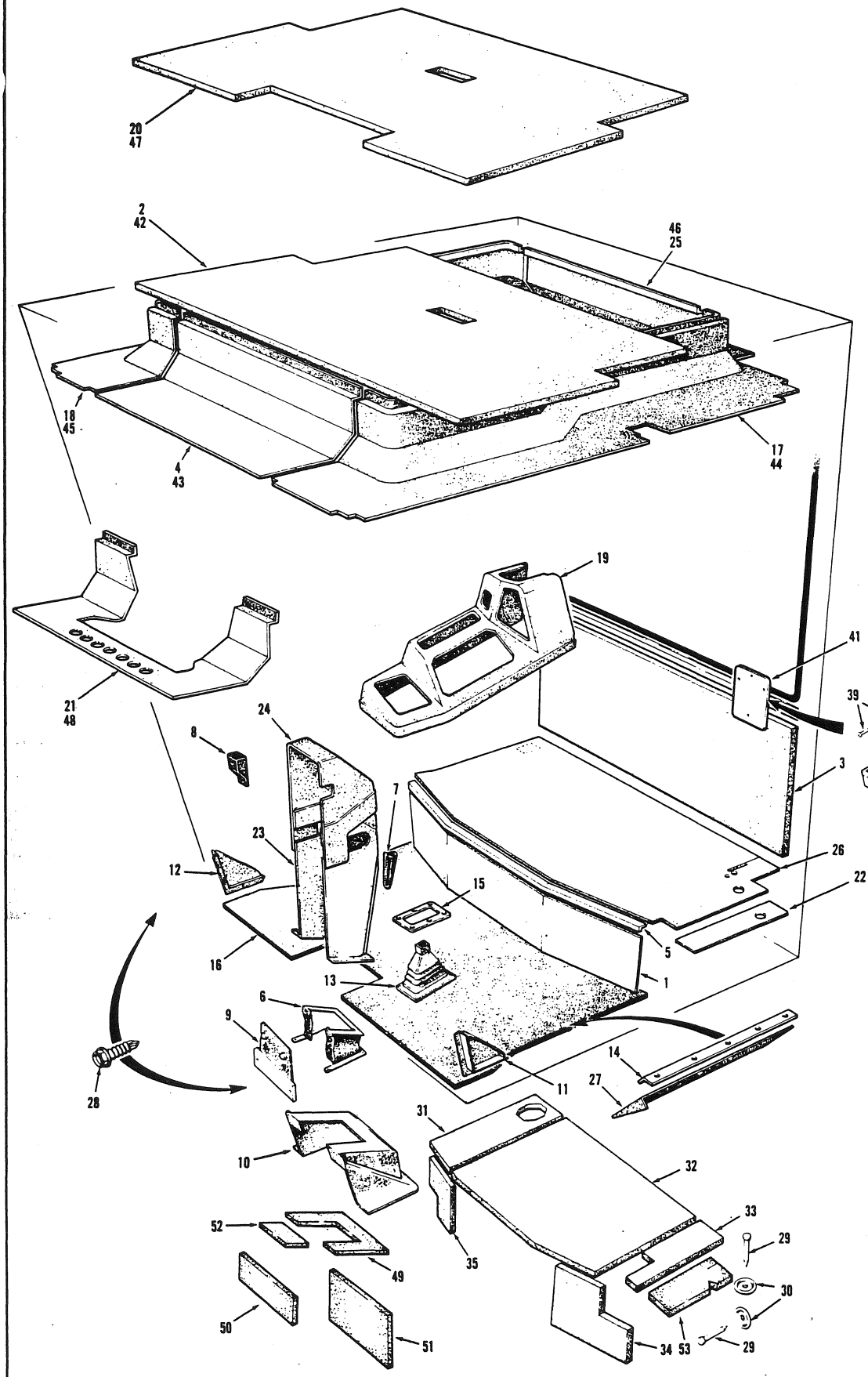
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NUMERO(S) DE SÉRIE EFFECTIF(S) 21490 to 21492 & 21494
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

SOUND SUPPRESSION, INTERIOR TRIM & MANUALS BOX

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	28672	SEAT DECK RISER	1	
2	28673	SOUND SUPPRESSION - CEILING	1	
3	28674	SOUND SUPPRESSION - CAB REAR	1	
4	57359	HEAD LINER - FRONT	1	
5	28736	GUARD - SEAT DECK RISER	1	
6	28794	PEDESTAL BOOT ASSEMBLY	1	
7	28915	COVER - HAND THROTTLE	1	
8	28962	COVER - ARTIC SWITCH	1	
9	28966	COVER - LOWER PEDESTAL - FRONT	1	
10	28969	COVER - LOWER PEDESTAL	1	
11	28970	COVER - DOOR LINKAGE - L.H.	1	
12	28971	COVER - DOOR LINKAGE - R.H.	1	
13	33186	BOOT - BRAKE PEDAL	1	
14	33231	DOOR SILL CAP	2	
15	33602	MOUNTING FLANGE - BOOT	2	
16	54949	FLOOR MAT	1	
17	40696	HEADLINER - L.H.	1	
18	40697	HEADLINER - R.H.	1	
19	40906	CONSOLE	1	
	*57995	CONSOLE - TRANSMISSION GAUGE PACKAGE	1	
20	41314	SOUND SUPPRESSION - AIR CONDITIONER	1	OPTIONAL
21	57358	HEADLINER - FRONT - AIR CONDITIONER	1	OPTIONAL
22	42433	SOUND SUPPRESSION - SEAT DECK	1	
23	57407	COVER - PEDESTAL - LOWER	1	
24	57408	COVER - PEDESTAL - UPPER	1	
25	51128	HEADLINER - REAR	1	
26	53537	SOUND SUPPRESSION - SEAT DECK	1	
27	54224	TREADWAY COVER	2	
28	62A-1006	SCREW	40	
		SOUND SUPPRESSION - UNDER SEAT DECK		
29	32357	PIN	23	
30	32358	CLIP	23	
31	57298	SOUND SUPPRESSION - SEAT DECK - R.H.	1	
32	57299	SOUND SUPPRESSION - CENTRE SEAT DECK	1	
33	57301	SOUND SUPPRESSION - SEAT DECK - L.H.	1	
34	41299	SOUND SUPPRESSION - SEAT DECK RISER - L.H.	1	
35	41300	SOUND SUPPRESSION - SEAT DECK RISER - R.H.	1	
		MANUALS BOX INSTALLATION		
36	52004	FASTENER	1	
37	52006	LANYARD	1	
38	53064	MANUAL BOX	1	
39	77C-066	RIVET	4	
40	14E-0421	WASHER	4	
41	51995	MOUNTING PLATE	1	Repair Part
		LOW PROFILE CAB		
42	57367	SOUND SUPPRESSION - CEILING	1	
43	57368	HEADLINER - FRONT	1	
44	57369	HEADLINER - L.H.	1	
45	57370	HEADLINER - R.H.	1	
46	57371	HEADLINER - REAR	1	
47	57415	SOUND SUPPRESSION - AIR CONDITIONER	1	OPTIONAL
48	57409	HEADLINER - FRONT - AIR CONDITIONER	1	OPTIONAL



CHAMPION RC MACHINERY

SOUND SUPPRESSION, INTERIOR TRIM & MANUALS BOX

APRIL 1991

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No. 6
Nº D'ÉMISSION
Nº DE EDICION

EFFECTIVE SERIAL NUMBER(S) 21485, 21486, 21489, 21493,
NUMERO(S) DE SÉRIE EFFECTIF(S) 21495 to 21646
NUMERO(S) DE SERIE EFECTIVO(S)

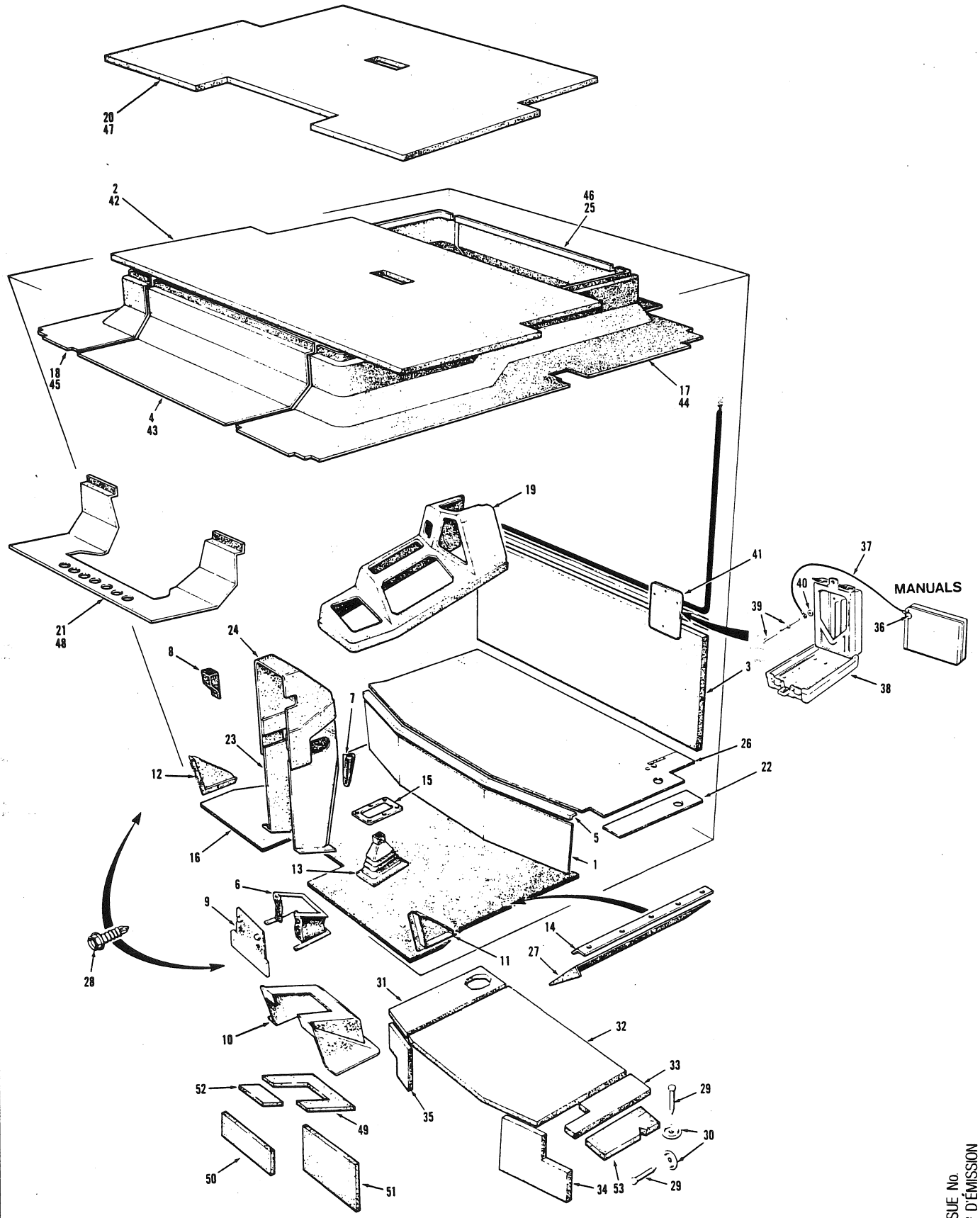
700 SERIES
SERIE 700

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

SOUND SUPPRESSION, INTERIOR TRIM & MANUALS BOX

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	28672	SEAT DECK RISER	1	
2	28673	SOUND SUPPRESSION - CEILING	1	
3	28674	SOUND SUPPRESSION - CAB REAR	1	
4	57359	HEAD LINER - FRONT	1	
5	28736	GUARD - SEAT DECK RISER	1	
6	28794	PEDESTAL BOOT ASSEMBLY	1	
7	28915	COVER - HAND THROTTLE	1	
8	28962	COVER - ARTIC SWITCH	1	
9	28966	COVER - LOWER PEDESTAL - FRONT	1	
10	28969	COVER - LOWER PEDESTAL	1	
11	28970	COVER - DOOR LINKAGE - L.H.	1	
12	28971	COVER - DOOR LINKAGE - R.H.	1	
13	33186	BOOT - BRAKE PEDAL	1	
14	33231	DOOR SILL CAP	2	
15	33602	MOUNTING FLANGE - BOOT	2	
16	54949	FLOOR MAT	1	
17	40696	HEADLINER - L.H.	1	
18	40697	HEADLINER - R.H.	1	
19	40906	CONSOLE	1	
	57995	CONSOLE - TRANSMISSION GAUGE PACKAGE	1	
20	41314	SOUND SUPPRESSION - AIR CONDITIONER	1	OPTIONAL
21	57358	HEADLINER - FRONT - AIR CONDITIONER	1	OPTIONAL
22	42433	SOUND SUPPRESSION - SEAT DECK	1	
23	57407	COVER - PEDESTAL - LOWER	1	
24	*57733	COVER - PEDESTAL - UPPER	1	
25	51128	HEADLINER - REAR	1	
26	53537	SOUND SUPPRESSION - SEAT DECK	1	
27	54224	TREADWAY COVER	2	
28	62A-1006	SCREW	40	
		SOUND SUPPRESSION - UNDER SEAT DECK		
29	32357	PIN	20	
	*65063	PIN	5	
30	32358	CLIP	25	
31	57298	SOUND SUPPRESSION - SEAT DECK - R.H.	1	
32	57299	SOUND SUPPRESSION - CENTRE SEAT DECK	1	
33	57301	SOUND SUPPRESSION - SEAT DECK - L.H.	1	
34	41299	SOUND SUPPRESSION - SEAT DECK RISER - L.H.	1	
35	41300	SOUND SUPPRESSION - SEAT DECK RISER - R.H.	1	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		MANUALS BOX INSTALLATION		
36	52004	FASTENER	1	
37	52006	LANYARD	1	
38	53064	MANUAL BOX	1	
39	77C-066	RIVET	4	
40	14E-0421	WASHER	4	
41	51995	MOUNTING PLATE	1	Repair Part
		LOW PROFILE CAB		
42	57367	SOUND SUPPRESSION - CEILING	1	
43	57368	HEADLINER - FRONT	1	
44	57369	HEADLINER - L.H.	1	
45	57370	HEADLINER - R.H.	1	
46	57371	HEADLINER - REAR	1	
47	57415	SOUND SUPPRESSION - AIR CONDITIONER	1	OPTIONAL
48	57409	HEADLINER - FRONT - AIR CONDITIONER	1	OPTIONAL
		PEDESTAL & HANDBRAKE SOUND SUPPRESSION		
49	*57806	SOUND SUPPRESSION - PEDESTAL	1	
50	*57807	SOUND SUPPRESSION - PEDESTAL	1	
51	*57808	SOUND SUPPHESSION - PEDESTAL	1	
52	*57834	SOUND SUPPRESSION - PEDESTAL	1	
53	*57819	SOUND SUPPRESSION - HANDBRAKE	1	



CHAMPION RO... MACHINERY

SOUND SUPPRESSION, INTERIOR TRIM & MANUALS BOX

SEPTEMBER 1991

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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

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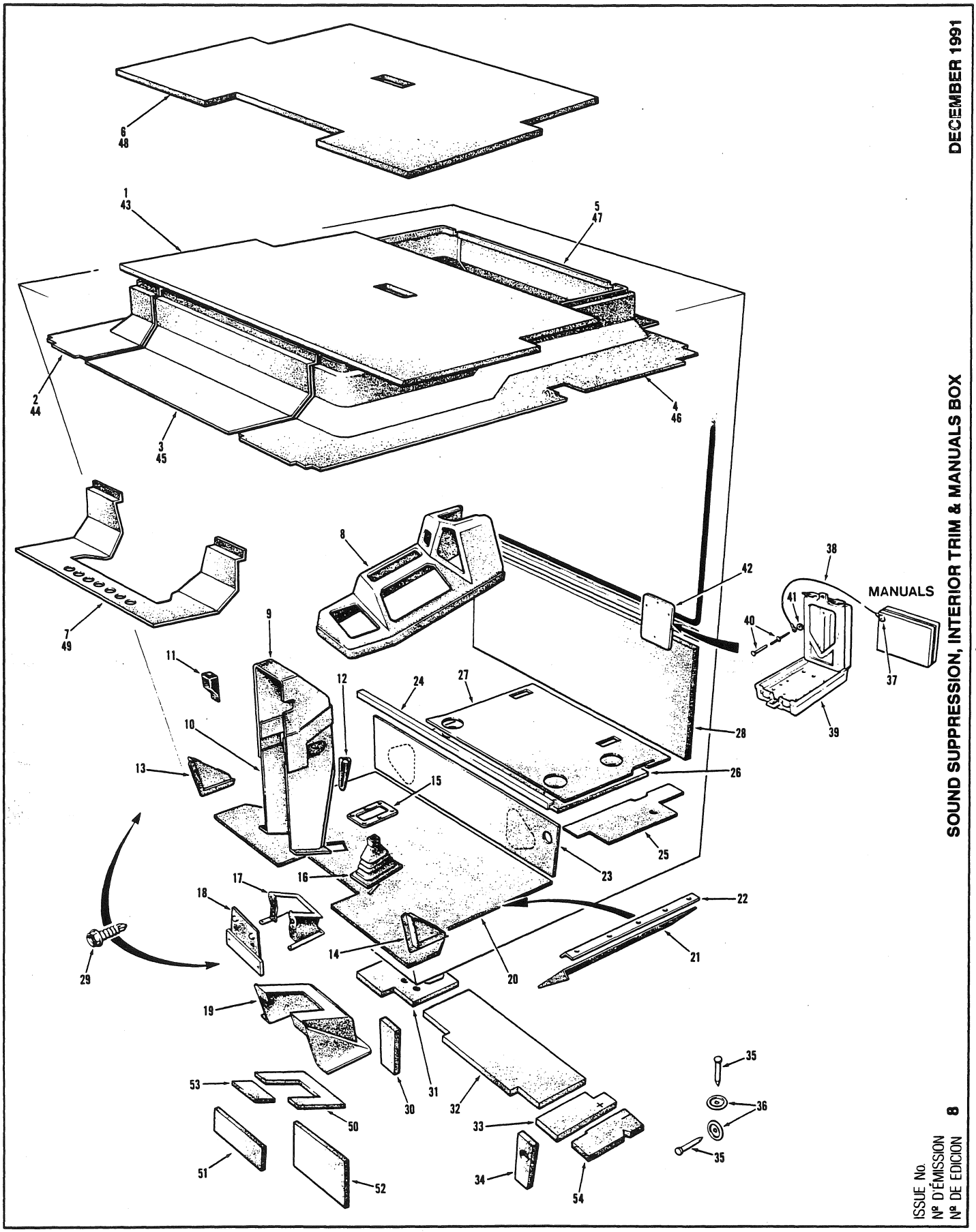
21647 & UP
EXCEPT 21649, 21687 & 21688

700 SERIES
SERIE 700

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SOUND SUPPRESSION, INTERIOR TRIM & MANUALS BOX

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	28672	SEAT DECK RISER	1	
2	28673	SOUND SUPPRESSION - CEILING	1	
3	28674	SOUND SUPPRESSION - CAB REAR	1	
4	57359	HEAD LINER - FRONT	1	
5	28736	GUARD - SEAT DECK RISER	1	
6	28794	PEDESTAL BOOT ASSEMBLY	1	
7	28915	COVER - HAND THROTTLE	1	
8	28962	COVER - ARTIC SWITCH	1	
9	28966	COVER - LOWER PEDESTAL - FRONT	1	
10	28969	COVER - LOWER PEDESTAL	1	
11	28970	COVER - DOOR LINKAGE - L.H.	1	
12	28971	COVER - DOOR LINKAGE - R.H.	1	
13	33186	BOOT - BRAKE PEDAL	1	
14	33231	DOOR SILL CAP	2	
15	33602	MOUNTING FLANGE - BOOT	2	
16	54949	FLOOR MAT	1	
17	40696	HEADLINER - L.H.	1	
18	40697	HEADLINER - R.H.	1	
19	*63002	CONSOLE - C/W WITH RIVNUTS	1	
	*63003	CONSOLE - TRANSMISSION GAUGE PACKAGE	1	
20	41314	SOUND SUPPRESSION - AIR CONDITIONER	1	OPTIONAL
21	57358	HEADLINER - FRONT - AIR CONDITIONER	1	OPTIONAL
22	42433	SOUND SUPPRESSION - SEAT DECK	1	
23	57407	COVER - PEDESTAL - LOWER	1	
24	57733	COVER - PEDESTAL - UPPER	1	
25	51128	HEADLINER - REAR	1	
26	53537	SOUND SUPPRESSION - SEAT DECK	1	
27	54224	TREADWAY COVER	2	
28	62A-1006	SCREW	40	
		SOUND SUPPRESSION - UNDER SEAT DECK		
29	32357	PIN	20	
	65063	PIN	5	
30	32358	CLIP	25	
31	57298	SOUND SUPPRESSION - SEAT DECK - R.H.	1	
32	57299	SOUND SUPPRESSION - CENTRE SEAT DECK	1	
33	57301	SOUND SUPPRESSION - SEAT DECK - L.H.	1	
34	41299	SOUND SUPPRESSION - SEAT DECK RISER - L.H.	1	
35	41300	SOUND SUPPRESSION - SEAT DECK RISER - R.H.	1	
		MANUALS BOX INSTALLATION		
36	52004	FASTENER	1	
37	52006	LANYARD	1	
38	53064	MANUAL BOX	1	
39	77C-066	RIVET	4	
40	14E-0421	WASHER	4	
41	51995	MOUNTING PLATE	1	Repair Part
		LOW PROFILE CAB		
42	*65206	SOUND SUPPRESSION - CEILING	1	
43	57368	HEADLINER - FRONT	1	
44	57369	HEADLINER - L.H.	1	
45	57370	HEADLINER - R.H.	1	
46	57371	HEADLINER - REAR	1	
47	*65207	SOUND SUPPRESSION - AIR CONDITIONER	1	OPTIONAL
48	*57824	HEADLINER - FRONT - AIR CONDITIONER	1	OPTIONAL
		PEDESTAL & HANDBRAKE SOUND SUPPRESSION		
49	57806	SOUND SUPPRESSION - PEDESTAL	1	
50	57807	SOUND SUPPRESSION - PEDESTAL	1	
51	57808	SOUND SUPPRESSION - PEDESTAL	1	
52	57834	SOUND SUPPRESSION - PEDESTAL	1	
53	57819	SOUND SUPPRESSION - HANDBRAKE	1	



CHAMPION R. MACHINERY

SOUND SUPPRESSION, INTERIOR TRIM & MANUALS BOX

DECEMBER 1991

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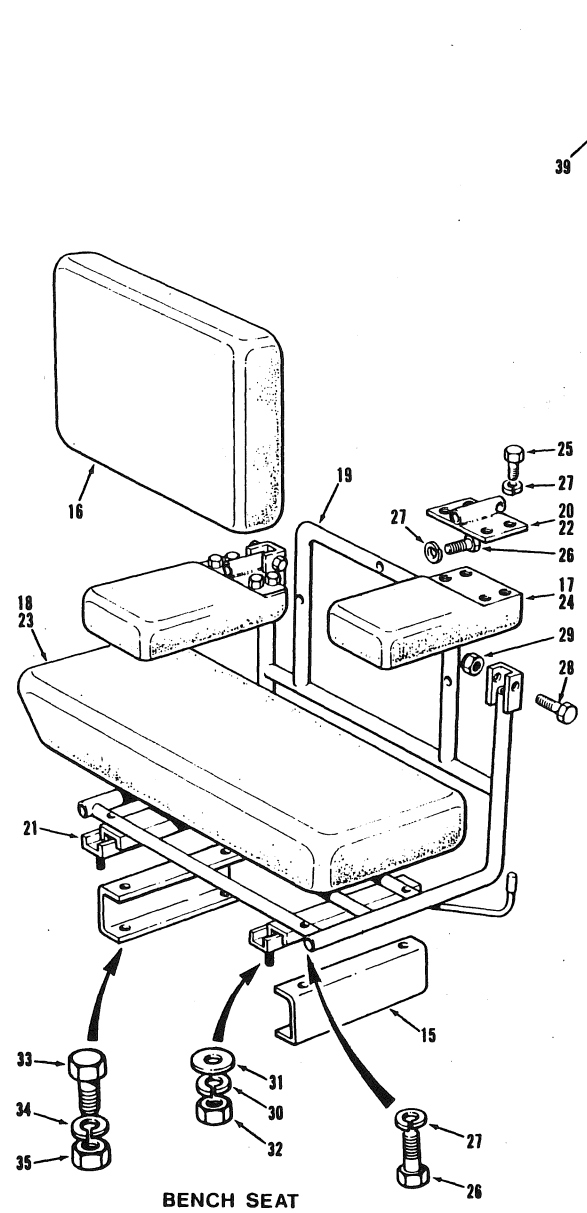
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NUMERO(S) DE SÉRIE EFFECTIF(S)
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SECTION / SECCION 11 | PAGE / PAGINA 8 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 8

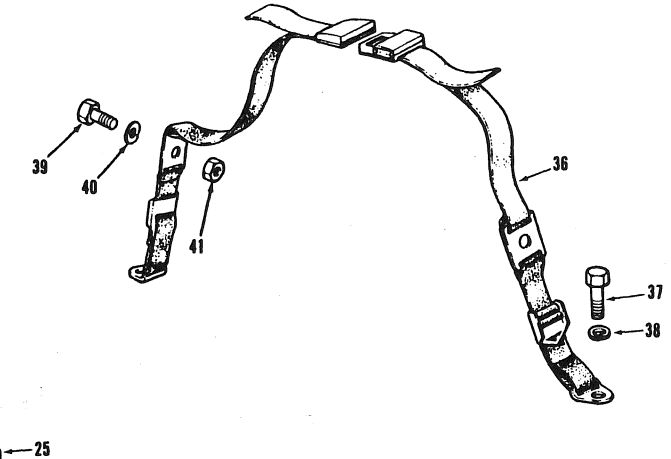
SOUND SUPPRESSION, INTERIOR TRIM & MANUALS BOX

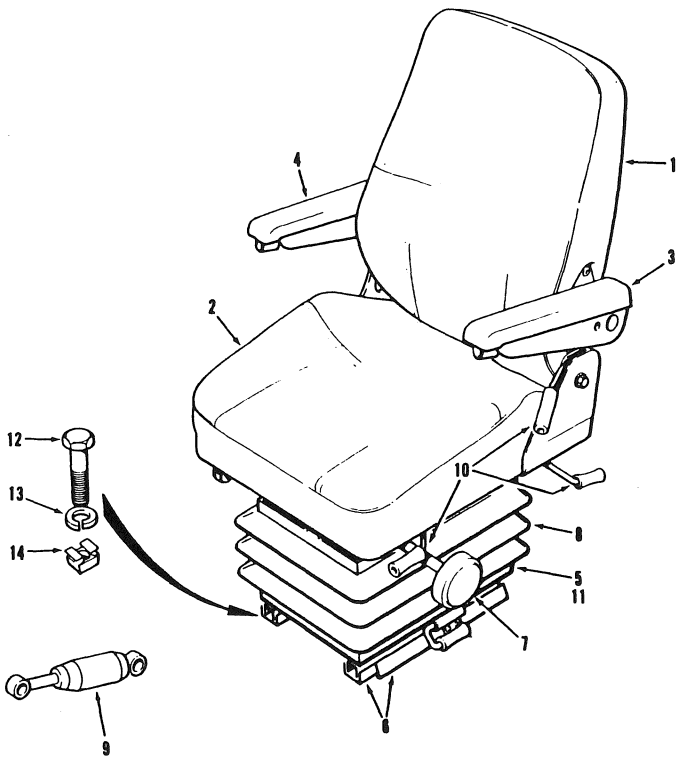
DECEMBER 1991

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	28673	SOUND SUPPRESSION - CEILING	1	
2	40697	HEADLINER - R.H.	1	
3	57359	HEADLINER - FRONT	1	
4	40696	HEADLINER - L.H.	1	
5	51128	HEADLINER - REAR	1	
6	41414	SOUND SUPPRESSION - AIR CONDITIONER	1	OPTIONAL
7	57358	HEAD LINER - FRONT - AIR CONDITIONER	1	OPTIONAL
8	63002	CONSOLE	1	
	63003	CONSOLE - TRANSMISSION GUAGE PACKAGE	1	
9	57733	COVER - PEDESTAL UPPER	1	
10	57407	COVER - PEDESTAL LOWER	1	
11	65104	COVER - ARTIC SWITCH	1	
12	28915	COVER - HAND THROTTLE	1	
13	28971	COVER - DOOR LINKAGE - R.H.	1	
14	28970	COVER - DOOR LINKAGE - L.H.	1	
15	33602	MOUNTING FLANGE - BOOT	2	
16	33186	BOOT - BRAKE PEDAL	1	
17	28794	PEDESTAL BOOT ASSEMBLY	1	
18	28966	COVER - LOWER PEDESTAL - FRONT	1	
19	28969	COVER - LOWER PEDESTAL	1	
20	*65172	FLOOR MAT	1	
	*65479	FLOOR MAT - CANOPY CAB	1	
21	54224	TREADWAY COVER	2	
22	33231	DOOR SILL CAP	2	
23	*65059	SOUND SUPPRESSION - SEAT DECK RISER	1	
24	*65201	TRIM STRIP - SEAT DECK RISER	1	Up to S/N 22094
	*65721	TRIM STRIP - SEAT DECK RISER	1	S/N 22095 & Up
25	*65041	SOUND SUPPRESSION - SEAT DECK - L.H.	1	
26	*65038	SEAL PAD - HEATER	1	
27	*65039	SOUND SUPPRESSION - SEAT DECK	1	
28	28674	SOUND SUPPRESSION - CAB REAR	1	
29	62A-1006	SCREW	40	
		SOUND SUPPRESSION - UNDER SEAT DECK		
30	*65112	SOUND SUPPRESSION - SEAT DECK RISER - R.H.	1	
31	*65114	SOUND SUPPRESSION - SEAT DECK - R.H.	1	
32	*65115	SOUND SUPPRESSION - CENTRE SEAT DECK	1	
33	*65116	SOUND SUPPRESSION - SEAT DECK - L.H.	1	
34	*65113	SOUND SUPPRESSION - SEAT DECK RISER - L.H.	1	
35	32357	PIN	20	
	65063	PIN	5	
36	32358	CLIP	25	
		MANUALS BOX INSTALLATION		
37	52004	FASTENER	1	
38	52006	LANYARD	1	
39	53064	MANUAL BOX	1	
40	77C-066	RIVET	4	
41	14E-0421	WASHER	4	
42	51995	MOUNTING PLATE	1	Repair Part
		LOW PROFILE CAB		
43	65206	SOUND SUPPRESSION - CEILING	1	
44	57370	HEADLINER - R.H.	1	
45	57368	HEADLINER - FRONT	1	
46	57369	HEADLINER - L.H.	1	
47	57371	HEADLINER - REAR	1	
48	65207	SOUND SUPPRESSION - AIR CONDITIONER	1	OPTIONAL
49	57824	HEADLINER - FRONT - AIR CONDITIONER	1	OPTIONAL
		PEDESTAL & HANDBRAKE SOUND SUPPRESSION		
50	57806	SOUND SUPPRESSION - PEDESTAL	1	
50	57807	SOUND SUPPRESSION - PEDESTAL	1	
51	57808	SOUND SUPPRESSION - PEDESTAL	1	
52	57834	SOUND SUPPRESSION - PEDESTAL	1	
53	*65689	SOUND SUPPRESSION - HANDBRAKE	1	



BENCH SEAT





ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **1 REVISION B**

SEAT INSTALLATION

JULY 1989

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224, 16245 to 20076
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 to 2658-2

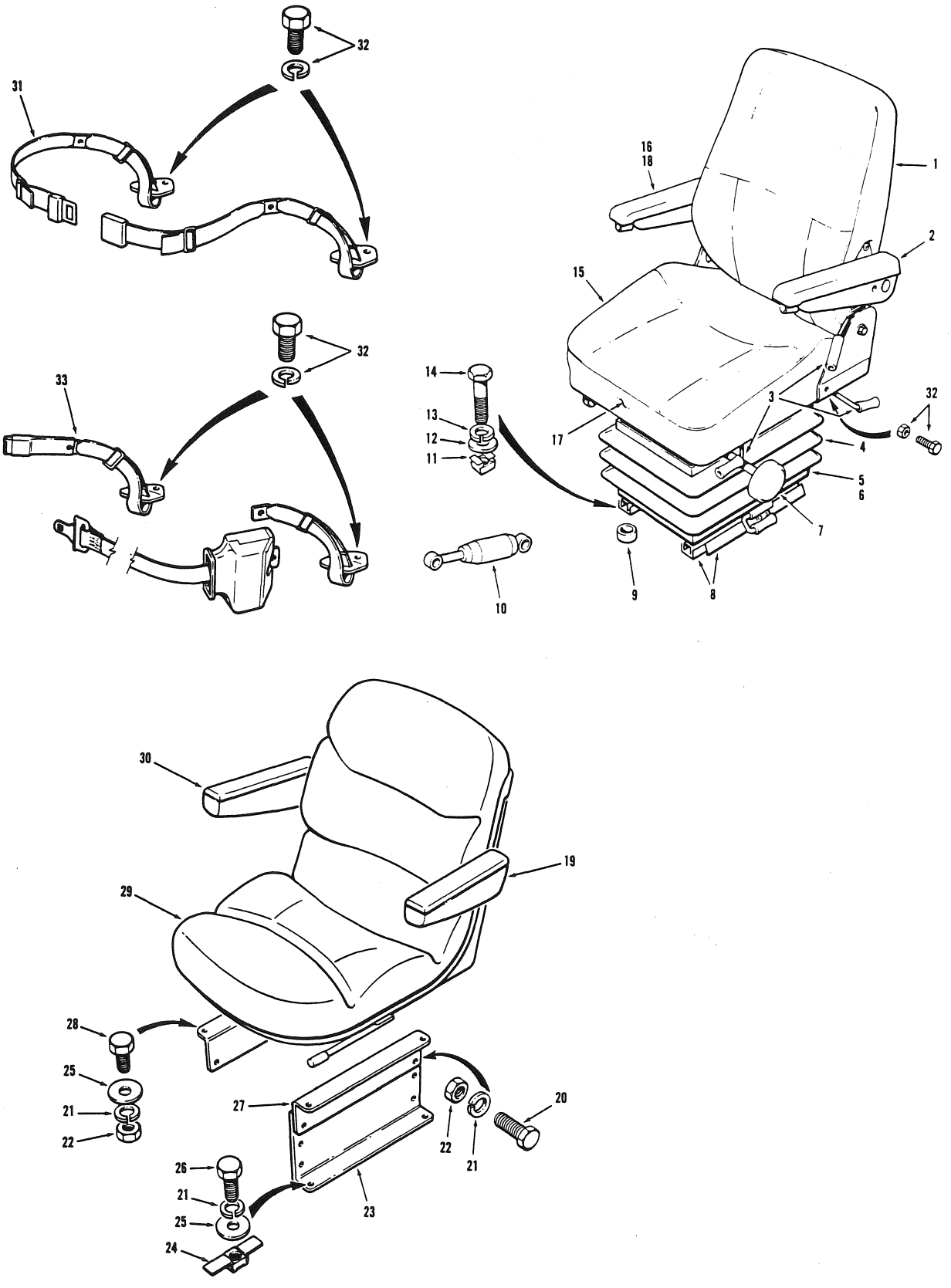
700 SERIES
SERIE 700

SECTION 11 PAGE 9
SECCION 11 PAGINA 9

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		BUCKET SEAT INSTALATION		
	32530	SEAT - C/W ITEMS 1 TO 11	1	
1	34637	BACK REST ASSEMBLY	1	
2	34638	SEAT CUSHION	1	
3	34639	ARM REST - L.H.	1	
4	34640	ARM REST - R.H.	1	
5	34641	SUSPENSION ASSEMBLY - C/W ITEMS 6 TO 8	1	
6	34642	SLIDE SET	1	
7	34643	HANDWHEEL ASSEMBLY	1	
8	34644	BOOT	1	
9	34645	SHOCK ABSORBER	1	
10	34646	HANDLE KIT	1	
11	*52482	SPRING	2	
12	50A-0510	BOLT	4	
13	14A-05	LOCKWASHER	4	
14	38A-0504	CAGE NUT	4	
		BENCH SEAT INSTALLATION		
	28675	SEAT - C/W ITEMS 16 TO 29	1	
15	41844	SEAT RISER BRACKET	2	
16	19093	BACKREST CUSHION	1	
17	19094	ARMREST CUSHION - 4 1/2" CENTER TO CENTER	2	
18	19095	SEAT CUSHION - 21 1/2" CENTER TO CENTER	1	
19	19096	SEAT FRAME	1	
20	19098	PIVOT BRACKET - 4 1/2" CENTER TO CENTER	2	
21	19099	SLIDE RAIL ASSEMBLY	1	
22	34436	PIVOT BRACKET - 3" CENTER TO CENTER	2	
23	34437	SEAT CUSHION - 13 1/2" CENTER TO CENTER	1	
24	34438	ARMREST CUSHION - 3" CENTER TO CENTER	2	
25	50A-0408	BOLT	8	
26	50A-0412	BOLT	7	
27	14A-04	LOCKWASHER	15	
28	50A-0520	BOLT	2	
29	36D-05	LOCKNUT	2	
30	14A-05	LOCKWASHER	4	
31	14C-05	FLATWASHER	4	
32	30A-05	NUT	4	
33	50A-0610	BOLT	4	
34	14A-06	LOCKWASHER	4	
35	30A-06	NUT	4	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		SEAT BELT INSTALLATION		
36	35721	SEAT BELT ASSEMBLY	1	
37	50A-0608	BOLT	2	
38	14A-06	LOCKWASHER	2	
39	51A-0712	BOLT	2	
40	14A-07	LOCKWASHER	2	
41	31A-07	NUT	2	



CHAMPION ROAD MACHINERY

FEBRUARY 1991

SEAT INSTALLATION

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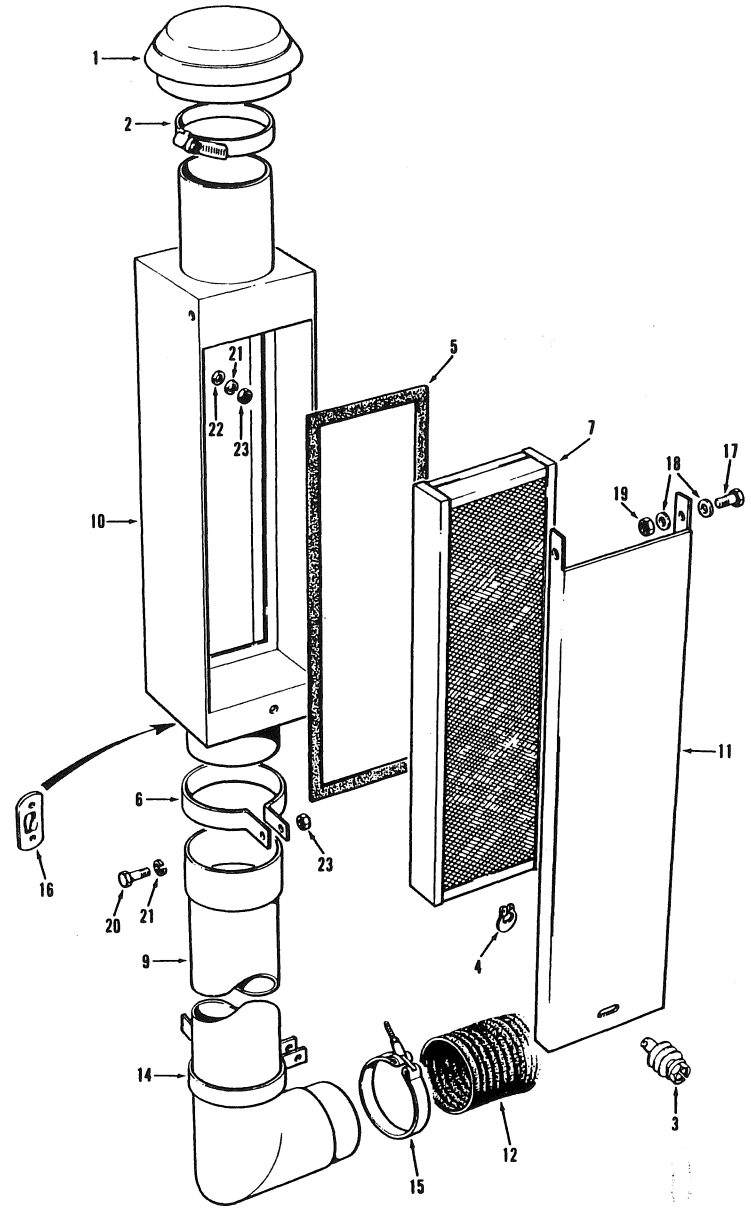
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Nº DE EDICION
2 REVISION B

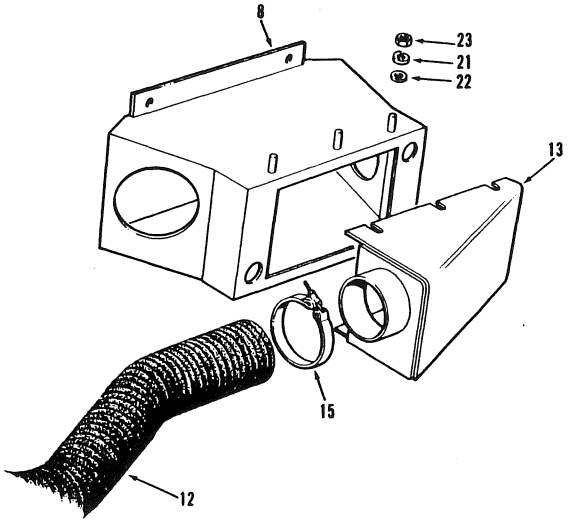
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NUMERO(S) DE SERIE EFECTIVO(S)
20077 & UP

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No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		ISRINGHAUSEN SEAT INSTALLATION		
	32530	SEAT - C/W ITEMS 1 to 8, 10, 15 & 17	1	
1	34637	BACK REST ASSEMBLY	1	
2	34639	ARM REST - L.H.	1	
3	34646	HANDLE KIT	1	
4	34644	BOOT	1	
5	34641	SUSPENSION ASSEMBLY - C/W ITEMS 4, 7 & 10	1	
6	52482	SPRING	2	
7	34643	HANDWHEEL ASSEMBLY	1	
8	34642	SLIDE SET	1	
9	12331-4	SPACER	4	
10	34645	SHOCK ABSORBER	1	
11	38A-0504	CAGE NUT	4	
12	14C-06	FLATWASHER	4	
13	14A-05	LOCKWASHER	4	
14	50A-0514	BOLT	4	
15	34638	SEAT CUSHION	1	
16	34640	ARM REST - R.H.	1	
17	*58288	SPRING	2	
18	*58082	ARM REST - 4" - PAIR	1	
		STANDARD SEAT INSTALLATION		
19	58000	ARM REST - L.H.	1	
20	57040	BOLT	4	
21	14A-05	LOCKWASHER	8	
22	30A-05	NUT	8	
23	57039	BRACKET - RISER - LOWER	2	
24	38B-05	NUT RETAINER	4	
25	14C-06	FLATWASHER	8	
26	50A-0510	BOLT	4	
27	57038	BRACKET - RISER - UPPER	2	
28	50A-0506	BOLT	4	
29	53176	SEAT	1	
30	58001	ARM REST - R.H.	1	
	53528	ARM REST KIT	1 per	
		SEAT BELT INSTALLATION		
31	*57700	SEAT BELT ASSEMBLY	1	
32	51957	BOLT KIT	1 or 2	
33	*51986	SEAT BELT - RETRACTABLE	1	

EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP





ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1

CAB PRESSURIZER INSTALLATION

NOVEMBER 1984

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

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CAB PRESSURIZER INSTALLATION

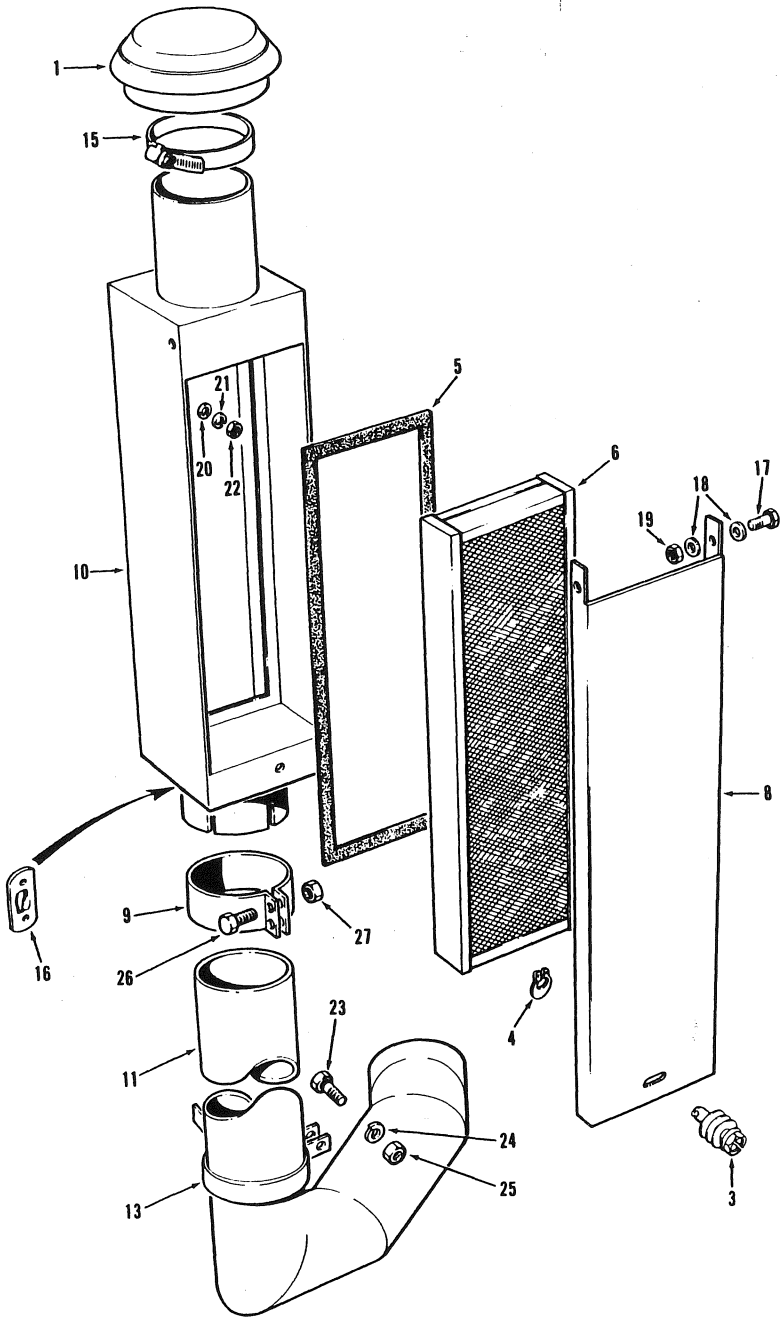
No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	7898	AIR INTAKE HOOD	1	
2	16601	CLAMP	1	
3	17042	FASTENER	1	
4	18799	GRIP RING	1	
5	19176	WEATHER STRIPPING	A.R.	
6	24411-1	CLAMP	1	
7	26866	FILTER	1	
8	28778	CAB HEATER BOX - MODIFIED	1	
9	28780	LOWER PIPE ASSY.	1	
10	28782	AIR FILTER BOX	1	
11	28788	DOOR	1	
12	28981	HOSE	1	
13	28983	HEATER EXTENSION	1	
14	32460	CLAMP - MODIFIED	1	
15	22A-475	CLAMP	2	
16	17044	CLIP	A.R.	REPAIR PART
17	50A-0404	BOLT	2	
18	14C-04	FLATWASHER	4	
19	36D-04	LOCKNUT	2	
20	50A-0516	BOLT	2	
21	14A-05	LOCKWASHER	10	
22	14C-05	FLATWASHER	10	
23	30A-05	NUT	10	

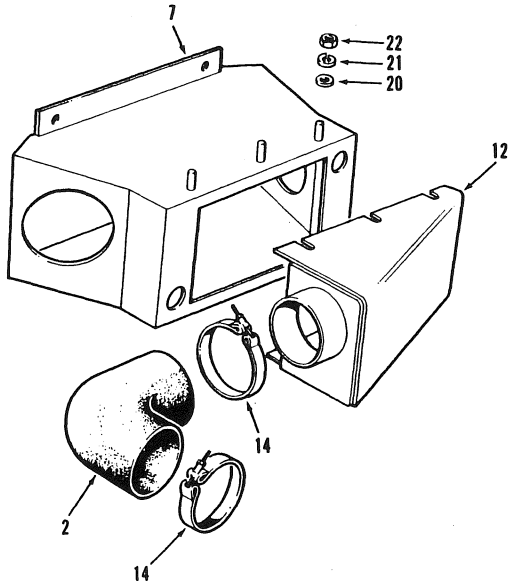
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EFFECTIVE SERIAL NUMBER(S) 17513 & UP
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U.S.2625-2 & UP

700 SERIES
SERIE 700

SECTION 11 PAGE
SECCION 11 PAGINA





ISSUE No.
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CAB PRESSURIZER INSTALLATION

JANUARY 1987

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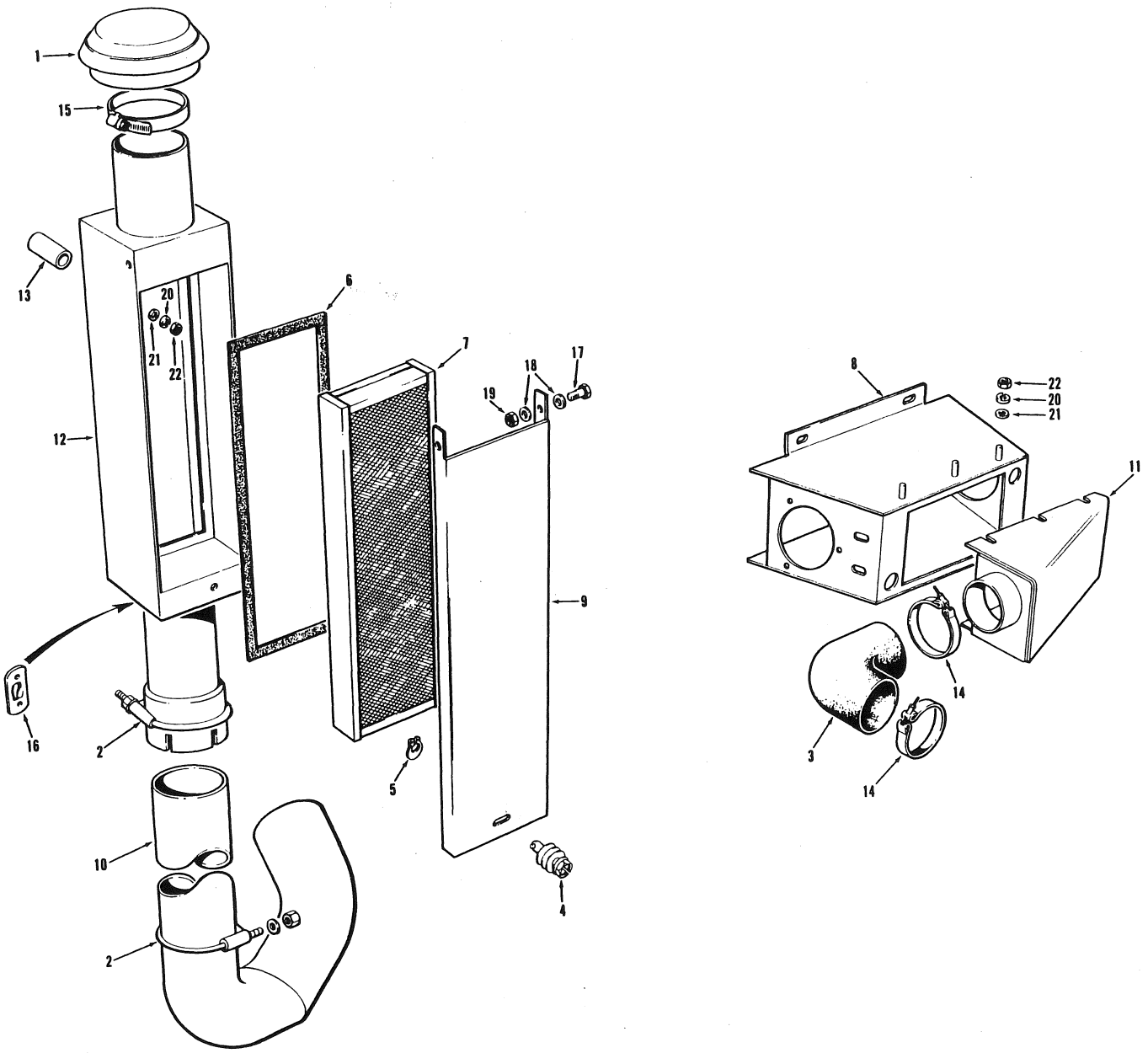
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CAB PRESSURIZER INSTALLATION

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	7898	INTAKE HOOD	1	
2	*16280	ELBOW	1	
3	17042	FASTENER	1	
4	18799	GRIP RING	1	
5	*19176 X 77	WEATHER STRIPPING - 77 INCHES LONG	1	
6	26866	FILTER	1	
7	28778	CAB HEATER BOX - MODIFIED	1	
8	28788	DOOR	1	
9	*35097	CLAMP - C/W ITEMS 26 & 27	1	
10	*43167	AIR FILTER BOX	1	
11	*43168	LOWER PIPE ASSY.	1	
12	*43169	HEATER EXTENSION	1	
13	*44936	CLAMP	1	
14	*22A-450	CLAMP	2	
15	*22A-550	CLAMP	1	
16	17044	CLIP	1	REPAIR PART
17	50A-0406	BOLT	2	
18	14C-04	LOCKWASHER	4	
19	36D-04	LOCKNUT	2	
20	14A-05	LOCKWASHER	8	
21	14C-05	FLATWASHER	8	
22	30A-05	NUT	8	
23	50A-0612	BOLT	1	
24	14A-06	LOCKWASHER	1	
25	30A-06	NUT	1	
26	*50A-0618	BOLT	2	
27	*30A-06	NUT	2	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS



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CAB PRESSURIZER INSTALLATION

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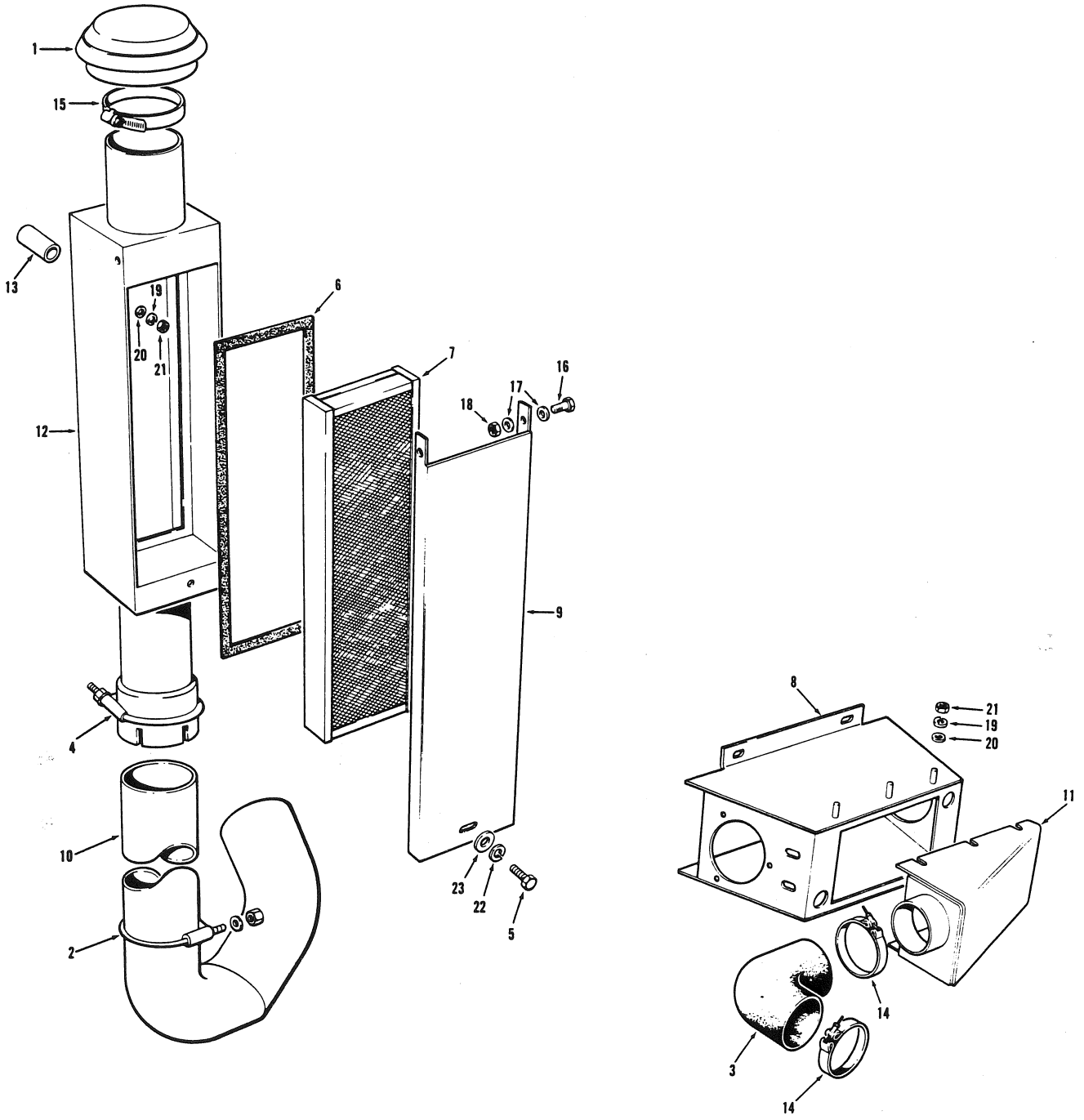
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CAB PRESSURIZER INSTALLATION

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	7898	INTAKE HOOD	1	
2	*9840	CLAMP	2	
3	16280	ELBOW	1	
4	17042	FASTENER	1	
5	18799	GRIP RING	1	
6	19176 X 77	WEATHER STRIPPING - 77 INCHES LONG	1	
7	26866	FILTER	1	
8	28778	CAB HEATER BOX - MODIFIED	1	
9	28788	DOOR	1	
10	*48542	LOWER PIPE ASSY.	1	
11	*48543	HEATER EXTENSION	1	
12	*48718	AIR FILTER BOX	1	
13	*48885	SPACER	2	
14	22A-450	CLAMP	2	
15	*22B-104	CLAMP	1	
16	17044	CLIP	1	REPAIR PART
17	50A-0406	BOLT	2	
18	14C-04	FLATWASHER	4	
19	36D-04	LOCKNUT	2	
20	14A-05	LOCKWASHER	8	
21	14C-05	FLATWASHER	8	
22	30A-05	NUT	8	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS

CAB PRESSURIZER INSTALLATION



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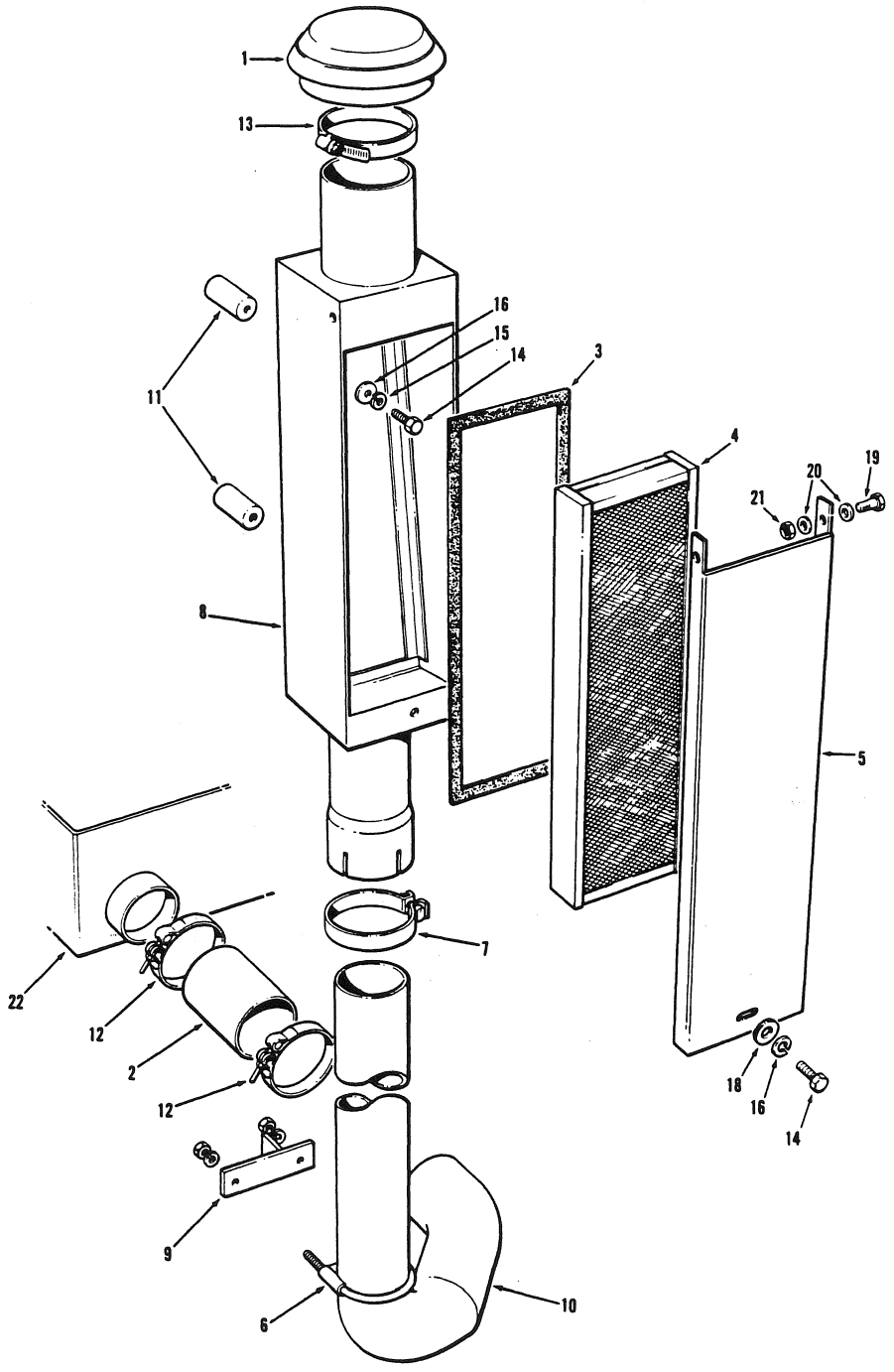
21078, 21080, 21082, 21084, 21086, 21092 & UP

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CAB PRESSURIZER INSTALLATION

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	7898	INTAKE HOOD	1	
2	9840	CLAMP	1	
3	16280	ELBOW	1	
4	*57284	CLAMP	1	
5	*50A-0508ZI	BOLT	1	
6	19176 x 77	WEATHER STRIPPING	1	
7	26866	FILTER	1	
8	28778	CAB HEATER BOX - MODIFIED	1	
9	28788	DOOR	1	
10	48542	LOWER PIPE ASSEMBLY	1	
	*38815	LOWER PIPE ASSEMBLY - LOW PROFILE CAB	1	
11	48543	HEATER EXTENTION	1	
12	*57446	AIR FILTER BOX	1	
	*38817	AIR FILTER BOX - LOW PROFILE CAB	1	
13	48885	SPACER	2	Repair Part
14	22A-450	CLAMP	2	
15	22B-104	CLAMP	1	
16	50A-0406	BOLT	2	
17	14C-04	FLATWASHER	4	
18	36D-04	LOCKNUT	2	
19	14A-05	LOCKWASHER	8	
20	14C-05	FLATWASHER	8	
21	30A-05	NUT	8	
22	*14A-05ZI	LOCKWASHER	1	
23	*14C-05ZI	FLATWASHER	1	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS



CAB PRESSURIZER INSTALLATION

DECEMBER 1991

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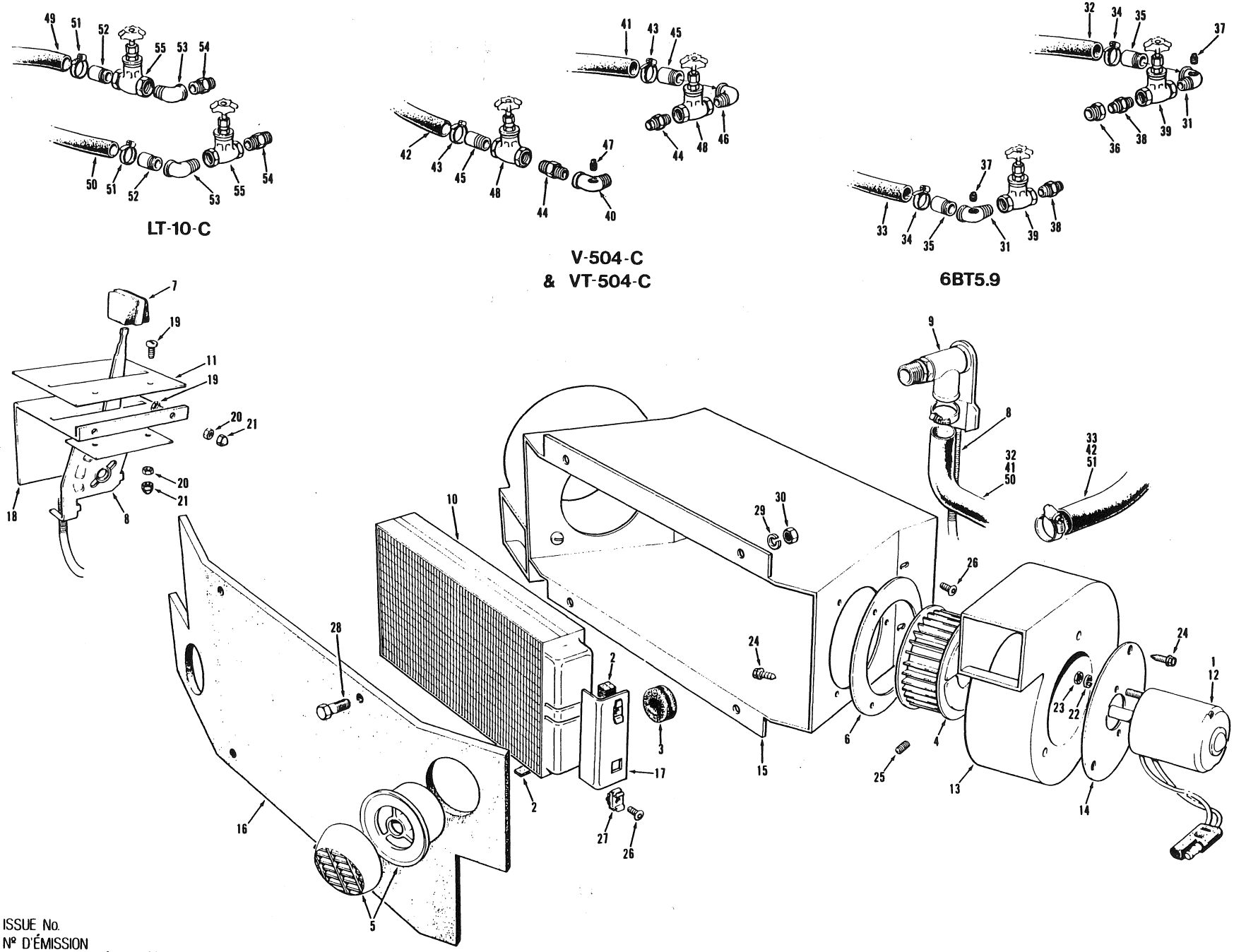
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Nº D'ÉMISSION
Nº DE EDICION 5

EFFECTIVE SERIAL NUMBER(S) **21911 & UP**
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

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CAB PRESSURIZER INSTALLATION

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	*10886	INTAKE HOOD	1	
2	*16877	HOSE	1	
3	19176 x 77	WEATHER STRIPPING	1	
4	26866	FILTER	1	
5	*28788-1	DOOR	1	
6	*43738	CLAMP	1	
7	*57285	CLAMP	1	
8	*57849	AIR FILTER BOX	1	
	*57881	AIR FILTER BOX - LOW PROFILE CAB	1	
9	*57902	SUPPORT BAR	1	Repair Part
10	*65025	LOWER PIPE ASSEMBLY	1	
	*57880	LOWER PIPE ASSEMBLY - LOW PROFILE CAB	1	
11	*65639	SPACER	1	Repair Part
12	*22A-550	CLAMP	2	
13	22B-104	CLAMP	1	
14	50A-0508ZI	BOLT	3	
15	14A-05	LOCKWASHER	1	
16	14A-05ZI	LOCKWASHER	1	
17	14C-05	FLATWASHER	2	
18	14C-05ZI	FLATWASHER	1	
19	50A-0406	BOLT	2	
20	14C-04	FLATWASHER	4	
21	30D-04	LOCKNUT	2	
22		HEATER BOX	Ref.	Sec 11 Pg 13



EFFECTIVE SERIAL NUMBER(S) 16224, 16245 TO 16805
NUMERO(S) DE SÉRIE EFFECTIF(S)
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U.S. 2021-2 TO 2418-2

700 SERIES
SERIE 700

SECTION 11 PAGE 13
SECCION 11 PAGINA 13

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

CAB HEATER & PLUMBING

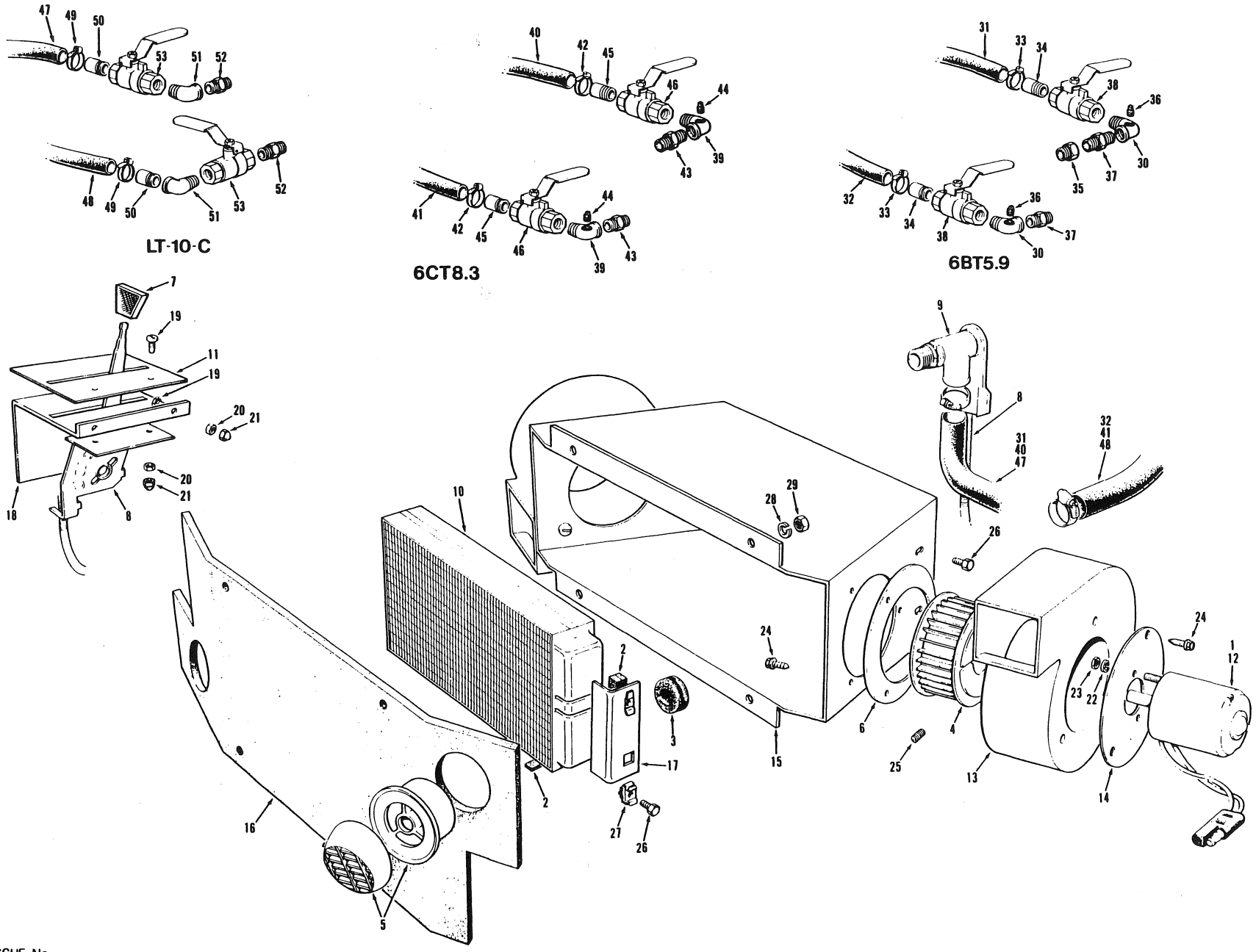
SEPTEMBER 1985

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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		CAB HEATER		
1	7319	MOTOR - 12 VOLT	2	
2	11160	CORK	A.R.	
3	11161	GROMMET	2	
4	17995	IMPELLER	2	
5	19530	SWIVEL OUTLET ASSY.	2	
6	19644	INLET RING	2	
7	19792	KNOB	1	
8	19793	CONTROL & CABLE ASSY.	1	
9	23394	BALL VALVE	1	
10	23395	HEATER CORE	1	
11	23420	DECAL	1	
12	23784	MOTOR - 24 VOLT	2	OPTIONAL
13	24746	HOUSING	2	
14	24747	PLATE	2	
15	28547	BOX	1	
16	28548	GASKET	1	
17	28551	CORE CLAMP	2	
18	32706	MOUNTING BRACKET	1	
19	52L-0604	SCREW	4	
20	32A-06	NUT	4	
21	32D-06	CROWN NUT	4	
22	14F-10	LOCKWASHER	4	
23	33A-10	NUT	4	
24	62A-1006	SCREW	12	
25	70A-0406	SCREW	2	
26	50E-0504	SCREW	4	
27	38A-0503	CAGENUT	4	
28	50A-0612	BOLT	4	
29	14A-06	LOCKWASHER	4	
30	30A-06	NUT	4	
		PLUMBING INSTALLATION - 6BT5.9		
31	41161	ELBOW	2	
32	9513 X 60	HOSE	1	
33	9513 X 100	HOSE	1	
34	22B-16	CLAMP	4	
35	115AA-0804	NIPPLE	2	
36	115B-1208	REDUCER	1	
37	115E-04	PLUG	2	
38	115A-08	NIPPLE	2	
39	117A-08	GATE VALVE	2	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		PLUMBING INSTALLATION - V/VT-504-C		
40	41161	ELBOW	1	
41	9513 X 82	HOSE	1	
42	9513 X 90	HOSE	1	
43	22B-16	CLAMP	4	
44	115A-08	NIPPLE	2	
45	115AA-0804	NIPPLE	2	
46	115J-0808	ELBOW	1	
47	115E-04	PLUG	1	
48	117A-08	GATE VALVE	2	
		PLUMBING INSTALLATION - LT-10-C		
49	9513 X 90	HOSE	1	
50	9513 X 110	HOSE	1	
51	22B-16	CLAMP	4	
52	115AA-0804	NIPPLE	2	
53	115J-0808	ELBOW	2	
54	115A-08	NIPPLE	2	
55	117A-08	GATE VALVE	2	



ISSUE No.
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CAB HEATER & PLUMBING

AUGUST 1988

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U.S. 2419-2 & UP

700 SERIES
SERIE 700

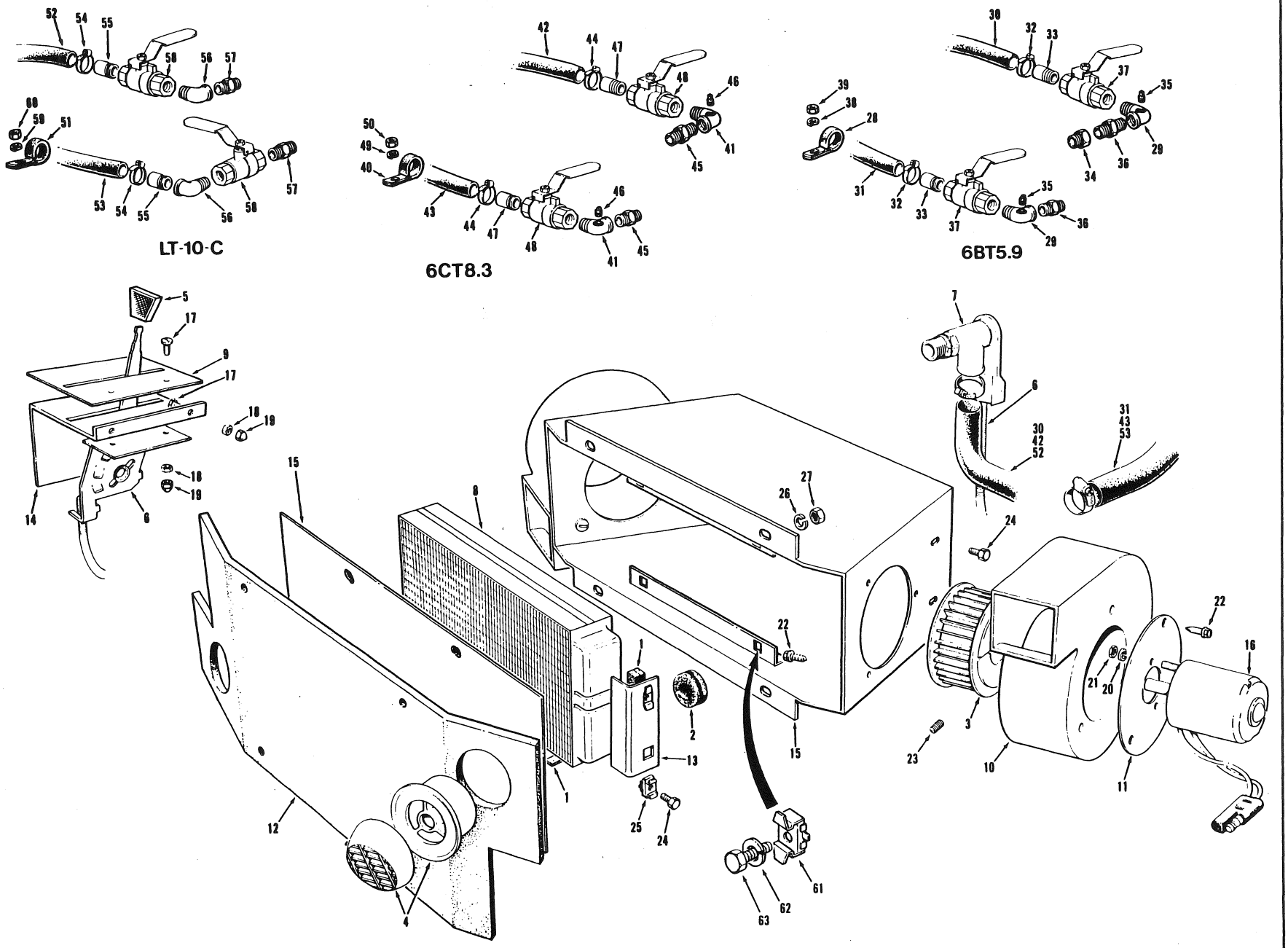
SECTION 11 PAGE 13
SECCION 11 PAGINA 13

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

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No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CAB HEATER		
1	7319	MOTOR - 12 VOLT	2	
2	11160	CORK	2	
3	11161	GROMMET	2	
4	17995	IMPELLER	2	
5	19530	SWIVEL OUTLET ASSY.	2	
6	19644	INLET RING	2	
7	19792	KNOB	1	
8	19793	CONTROL & CABLE ASSY.	1	
9	23394	BALL VALVE	1	
10	23395	HEATER CORE	1	
11	23420	DECAL	1	
12	23784	MOTOR - 24 VOLT	2	OPTIONAL
13	24746	HOUSING	2	
14	24747	PLATE	2	
15	28547	BOX	1	
16	28548	GASKET	1	
17	28551	CORE CLAMP	2	
18	32706	MOUNTING BRACKET	1	
19	52L-0604	SCREW	4	
20	32A-06	NUT	4	
21	32D-06	CROWN NUT	4	
22	14F-10	LOCKWASHER	4	
23	33A-10	NUT	4	
24	62A-1006	SCREW	12	
25	70A-0406	SCREW	2	
26	*50A-0504	BOLT	4	
27	*38A-0502	CAGENUT	4	
28	14A-06	LOCKWASHER	4	
29	30A-06	NUT	4	
		PLUMBING INSTALLATION - 6BT5.9		
30	41161	ELBOW	2	
31	9513 X 60	HOSE	1	
32	9513 X 100	HOSE	1	
33	*22B-12	CLAMP	4	
34	115AA-0804	NIPPLE	2	
35	115B-1208	REDUCER	1	
36	115E-04	PLUG	2	
37	115A-08	NIPPLE	2	
38	*117B-08	GATE VALVE	2	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		PLUMBING INSTALLATION - 6CT8.3		
39	41161	ELBOW	2	
40	9513 X 60	HOSE	1	
41	9513 X 100	HOSE	1	
42	*22B-12	CLAMP	4	
43	115A-08	NIPPLE	2	
44	115E-04	PLUG	2	
45	115AA-0804	NIPPLE	2	
46	*117B-08	GATE VALVE	2	
		PLUMBING INSTALLATION - LT-10-C		
47	9513 X 90	HOSE	1	
48	9513 X 110	HOSE	1	
49	*22B-12	CLAMP	4	
50	115AA-0804	NIPPLE	2	
51	115J-0808	ELBOW	2	
52	115A-08	NIPPLE	2	
53	*117B-08	GATE VALVE	2	



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CAB HEATER & PLUMBING

APRIL 1990

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19843 & UP

700 SERIES
SERIE 700

SECTION 11 PAGE
SECCION 11 PAGINA 13

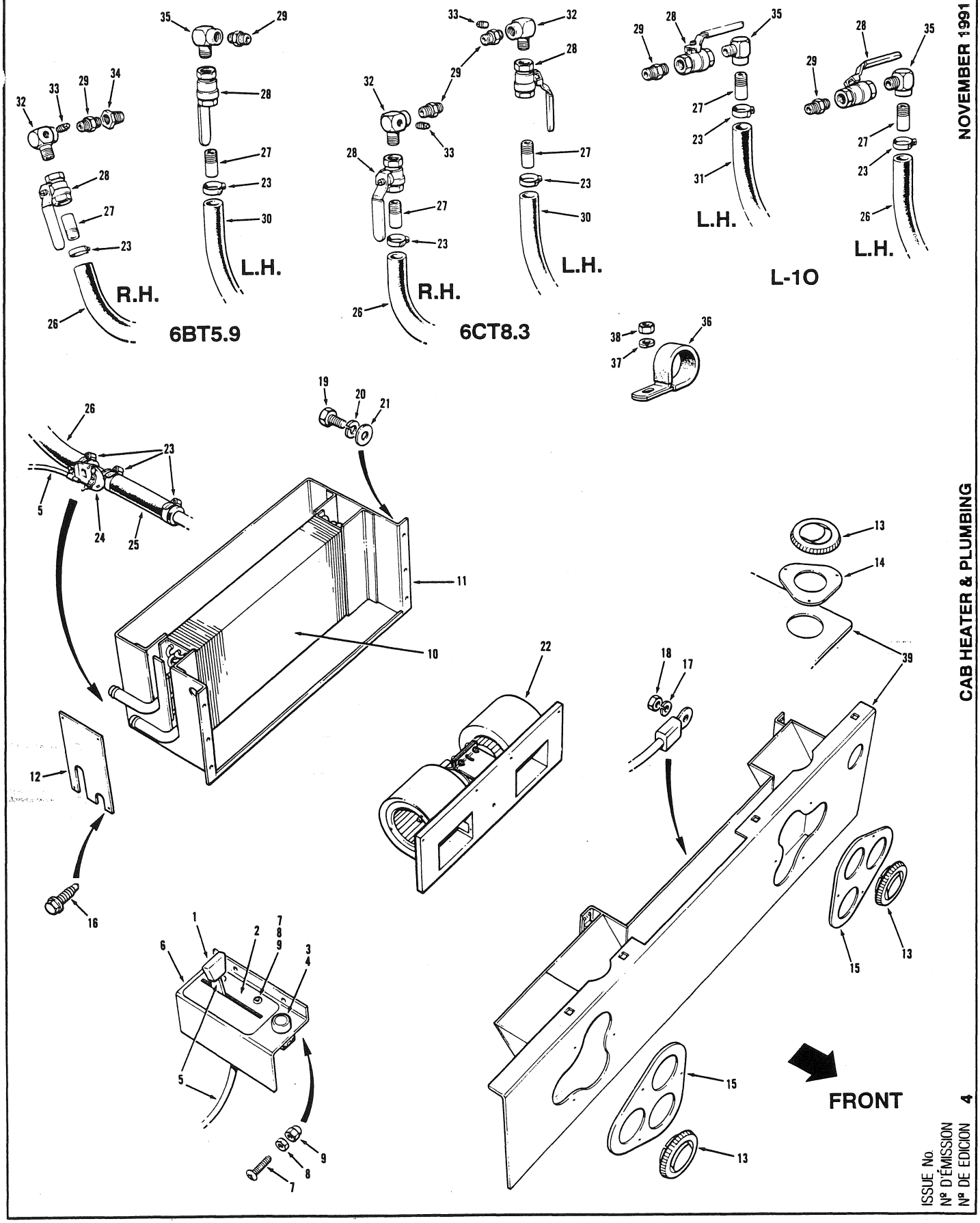
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SECTION / SECCION 11 | PAGE / PAGINA 14 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 3 REVISION A

CAB HEATER & PLUMBING

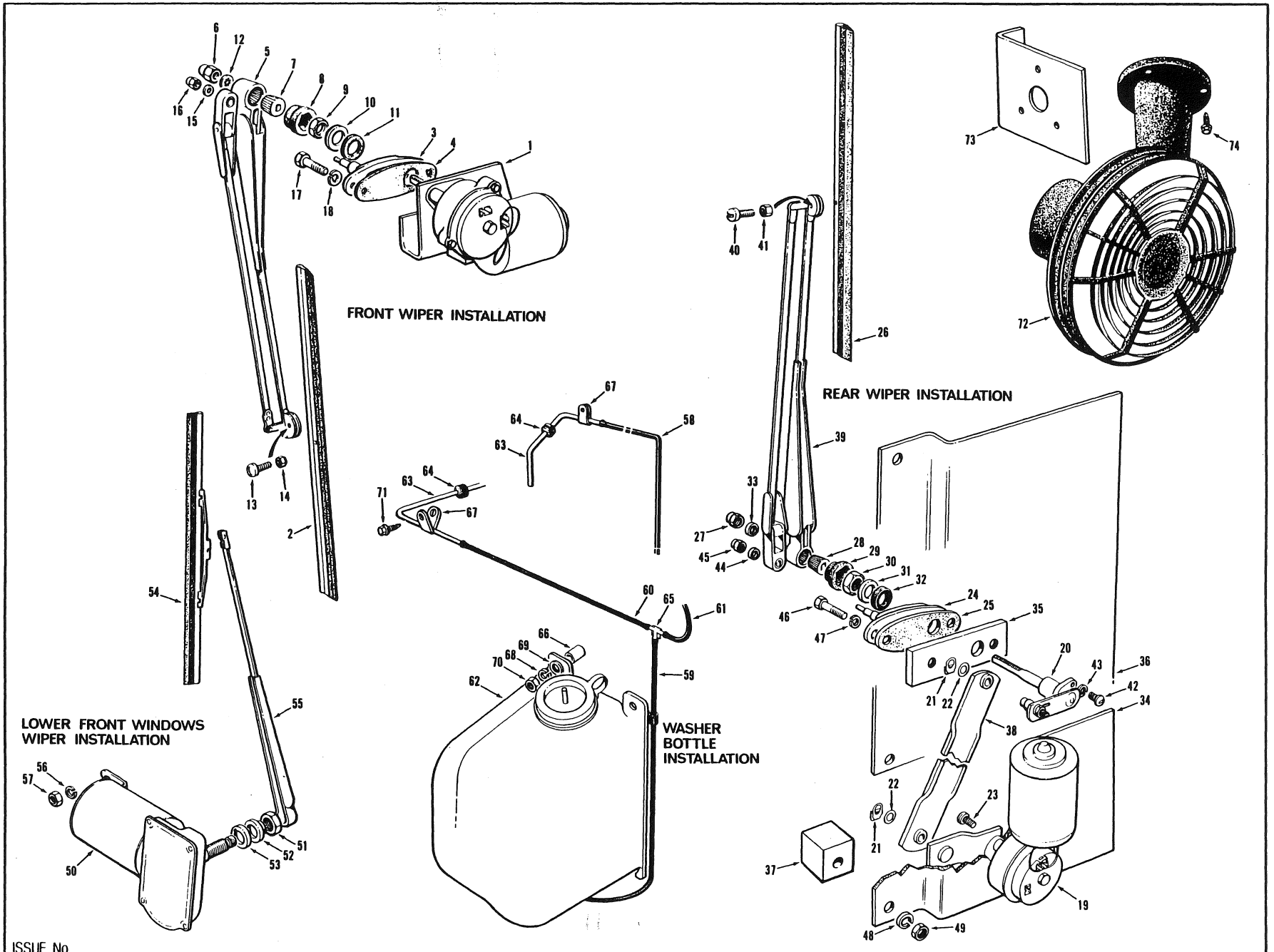
APRIL1990

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	11160	CORK	2	
2	11161	GROMMET	2	
3	17995	IMPELLER	2	
4	19530	SWIVEL OUTLET ASSEMBLY	2	
5	19792	KNOB	1	
6	19793	CONTROL & CABLE ASSEMBLY	1	
7	23394	BALL VALVE	1	
8	*55221	HEATER CORE	1	
9	23420	DECAL	1	
10	24746	HOUSING	2	
11	24747	PLATE	2	
12	28548	GASKET	1	
13	28551	CORE CLAMP	2	
14	32706	MOUNTING BRACKET	1	
15	*54406	BOX	1	
	*54408	BAFFLE PLATE	1	
16	48925	MOTOR - 12 VOLT	2	
	*54081	MOTOR - 24 VOLT	2	
	*55123	HI-SPEED HEATER MOTOR KIT - INCLUDES:	1	
		QTY. 2- 48925 MOTORS		
		QTY. 1 - 53047 CIRCUIT BREAKER		
		QTY. 1 - 32375 HARNESS		
17	52L-0604	SCREW	4	
18	32A-06	NUT	4	
19	32D-06	CROWN NUT	4	
20	14F-10	LOCKWASHER	4	
21	33A-10	NUT	4	
22	62A-1006	SCREW	12	
23	70A-0406	SCREW	2	
24	50A-0504	BOLT	4	
25	38A-0502	CAGE NUT	4	
26	14A-06	LOCKNUT	4	
27	30A-06	NUT	4	
		PLUMBING - 6BT5.9 - Models 710/710A		
28	32320	CLAMP	2	
29	41161	ELBOW	2	
30	9513 x 60	HOSE	1	
31	9513 x 100	HOSE	1	
32	22B-12	CLAMP	4	
33	115AA-0804	NIPPLE	2	
34	115B-1208	REDUCER	1	
35	115E-04	PLUG	2	
36	115E-0808	NIPPLE	2	
37	117B-08	GATE VALVE	2	
38	14A-06	LOCKWASHER	2	
39	30A-06	NUT	2	
		PLUMBING - 6CT8.3 - Models 720 thru 730A		
40	32320	CLAMP	3	
41	41161	ELBOW	2	
42	9513 x 60	HOSE	1	
43	9513 x 100	HOSE	1	
44	22B-12	CLAMP	2	
45	115A-0808	NIPPLE	2	
46	115E-04	PLUG	2	
47	115AA-0804	NIPPLE	2	
48	117B-08	GATE VALVE	2	
49	14A-06	LOCKWASHER	3	
50	30A-06	NUT	3	
		PLUMBING - L-10 - Models 740 thru 780A		
51	32320	CLAMP	2	
52	9315 x 60	HOSE	1	
53	9313 x 110	HOSE	1	
54	22B-12	CLAMP	4	
55	115AA-0804	NIPPLE	2	
56	115J-0808	ELBOW	2	
57	115A-0808	NIPPLE	2	
59	14A-06	LOCKWASHER	2	
60	30A-06	NUT	2	
61	*38A-0402	CAGE NUT	4	
62	*14A-04	LOCKWASHER	4	
63	*50A-0406	BOLT	4	


6BT5.9
R.H.
L.H.
6CT8.3
R.H.
L.H.
L-10
L.H.
L.H.
FRONT

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	19792	KNOB - HEATER CONTROL	1	
2	23420	DECAL	1	
3	65011	KNOB - HEATER SWITCH	1	
4	65012	SWITCH	1	
5	65013	CONTROL LEVER & CABLE ASSEMBLY	1	
6	65111	MOUNTING BRACKET	1	
7	52J-0604	SCREW	4	
8	32A-06	NUT	4	
9	32D-06	CROWN NUT	4	
10	65042	HEATER CORE	1	
11	65047	HEATER BOX	1	
12	65060	COVER	1	
13	65009	LOUVRE	9	
14	65441	SPACER	3	
15	65442	ADAPTER	2	
16	62A-1006	SCREW	21	
17	14A-04	LOCKWASHER	1	
18	30A-04	NUT	1	
19	50A-0508	BOLT	6	
20	14A-05	LOCKWASHER	6	
21	14C-05	FLATWASHER	6	
	65103	HARNESS - HEATER MOTOR	1	
22	65024	FAN ASSEMBLY	1	
		PLUMBING INSTALLATIONS		
23	22B-12	CLAMP	6	
24	65014	VALVE	1	
25	9513X60	HOSE	1	
27	115AA-0804	NIPPLE	2	
28	117B-08	GATE VALVE	2	
29	115A-0808	NIPPLE	2	
30	9313x100	HOSE	1	710 thru 730A
31	9313x110	HOSE	1	740 thru 780A
32	41161	ELBOW	1	710/710A
			2	720 thru 730A
33	115E-04	PLUG	1	710/710A
			2	720 thru 730A
34	115B-1208	REDUCER	1	710/710A
35	115J-0808	ELBOW	1	710/710A
			2	740 thru 780A
36	32320	CLAMP	1, 2 or 3	
37	14A-06	LOCKWASHER	1, 2 or 3	
38	30A-06	NUT	1, 2 or 3	
39		CAB ASSEMBLY	REF.	Sect 11 PgS 1 & 3

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION B

WINDSHIELD WIPER/WASHER & DEFROSTER FAN

MARCH 1987

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224,16245 UP TO 16885
NUMERO(S) DE SÉRIE EFFECTIF(S) 16888 TO 16893
NUMERO(S) DE SERIE EFECTIVO(S) U.S. 2021-2 UP TO 2410-2

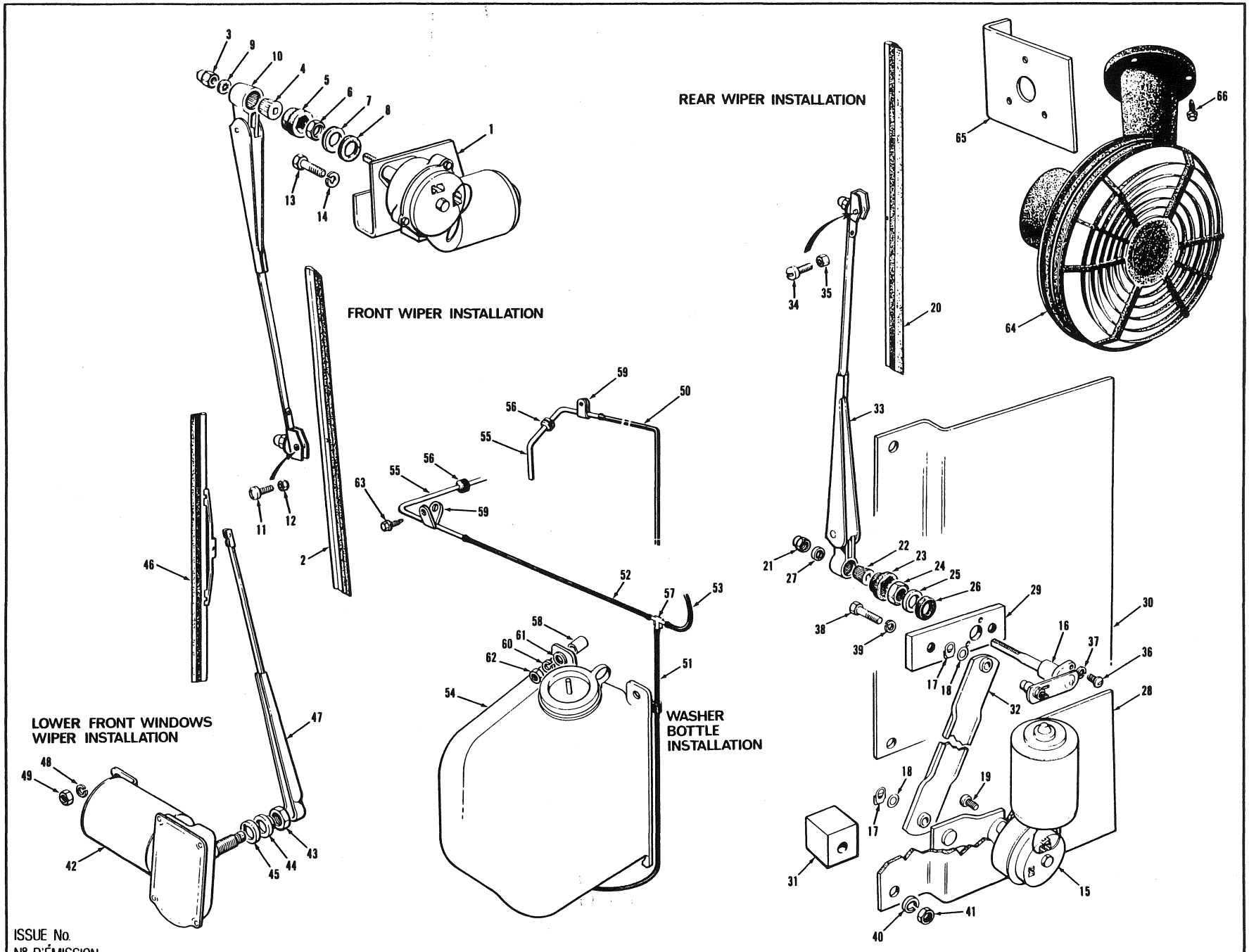
700 SERIES
SERIE 700

SECTION 11 PAGE 15
SECCION 11 PAGINA 15

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		FRONT WIPER INSTALLATION		
1	*28684	WIPER MOTOR - 12 VOLT - C/W ITEMS 6 TO 12	1	
2	14394	WIPER BLADE - 20"	1	
3	19888	PANTOGRAPH KIT - C/W ITEMS 4,15 & 16	1	
4		GASKET	1	
5	19964	WIPER ARM - C/W ITEMS 13 & 14	1	
6	23234	NUT	1	
7	23235	ADAPTER	1	
8	23236	GROMMET	1	
9	23238	JAM NUT	1	
10	23239	FLATWASHER	1	
11	23240	GASKET	1	
12	23715	WASHER	1	
13	53N-0605	SCREW	1	
14	35B-06	LOCKNUT	1	
15	14G-10	LOCKWASHER	1	
16	33D-10	NUT	1	
17	51A-0408	BOLT	2	
18	14A-04	LOCKWASHER	2	
		REAR WIPER INSTALLATION		
19	*26912	WIPER MOTOR - 12 VOLT - C/W ITEMS 20 TO 24 & 28 TO 33	1	
20		PIVOT SHAFT ASSY. } NOT AVAILABLE SEPARATELY	1	
21		SPRING CLIP } NOT AVAILABLE SEPARATELY	2	
22		WASHER } NOT AVAILABLE SEPARATELY	2	
23		SCREW } NOT AVAILABLE SEPARATELY	3	
24	19888	PANTOGRAPH KIT - C/W ITEMS 25,44 & 45	1	
25		GASKET	1	
26	*19965	WIPER BLADE - 22"	1	
27	23234	NUT	1	
28	23235	ADAPTER	1	
29	23236	GROMMET	1	
30	23238	JAM NUT	1	
31	23239	FLATWASHER	1	
32	23240	GASKET	1	
33	23715	WASHER	1	
34	26913-1	MOUNTING BRACKET	1	
35	26913-2	MOUNTING PLATE	1	
36	32428-1	COVER PLATE	1	
37	32428-3	SPACER TUBE	1	
38	32431	LINKAGE ARM	1	
39	*19964	WIPER ARM - C/W ITEMS 40 & 41	1	
40	53N-0605	SCREW	1	
41	35B-06	LOCKNUT	1	
42	52J-0803	SCREW	2	
43	14F-08	LOCKWASHER	2	
44	14G-10	FLATWASHER	1	
45	33D-10	NUT	1	
46	50A-0404	BOLT	2	
47	14A-04	LOCKWASHER	2	
48	14A-05	LOCKWASHER	4	
49	30A-05	NUT	4	
		FRONT LOWER WINDOW WIPER INSTALLATION		
50	10829	WIPER MOTOR - 12 VOLT C/W ITEMS 51 TO 53	2	
51	23241	JAM NUT	2	
52	23242	WASHER	2	
53	23243	GASKET	2	
54	23245	WIPER - BLADE	2	
55	1163-1	WIPER - ARM	2	
56	14A-05	LOCKWASHER	2	
57	30A-05	NUT	2	
		WASHER INSTALLATION		
58	23390 X 164	TUBE - FRONT INSTALLATION ONLY	1	
59	18865 X 12	TUBE - FRONT/REAR INSTALLATION	1	
60	23390 X 8	TUBE - FRONT/REAR INSTALLATION	1	
61	23390 X 164	TUBE - FRONT/REAR INSTALLATION	1	
62	19891	WASHER UNIT - 12 VOLT - C/W PUMP	1	
63	23280	NOZZLE	1-2	
64	23281	GROMMET	1-2	
65	23282	TEE	1	
66	23290	SPACER	4	
67	23315	CLAMP	3	
68	14A-04	LOCKWASHER	4	
69	14C-04	FLATWASHER	4	
70	30A-04	NUT	4	
71	62A-1006	SCREW	3	
		DEFROSTER FAN INSTALLATION		
72	14141	DEFROSTER FAN - 12 VOLT	1	
73	28818	MOUNTING BRACKET	1	REPAIR PART
74	62A-1006	SCREW	2	



EFFECTIVE SERIAL NUMBER(S) 16886, 16887 & 16894 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2411-2 & UP

700 SERIES
SERIE 700

SECTION 11 PAGE 15
SECCION 11 PAGINA 15

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
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WINDSHIELD WIPER/WASHER & DEFROSTER FAN

FEBRUARY 1988

FOR LIST OF PARTS - TURN THIS PAGE
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FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

WINDSHIELD WIPER/WASHER & DEFROSTER FAN

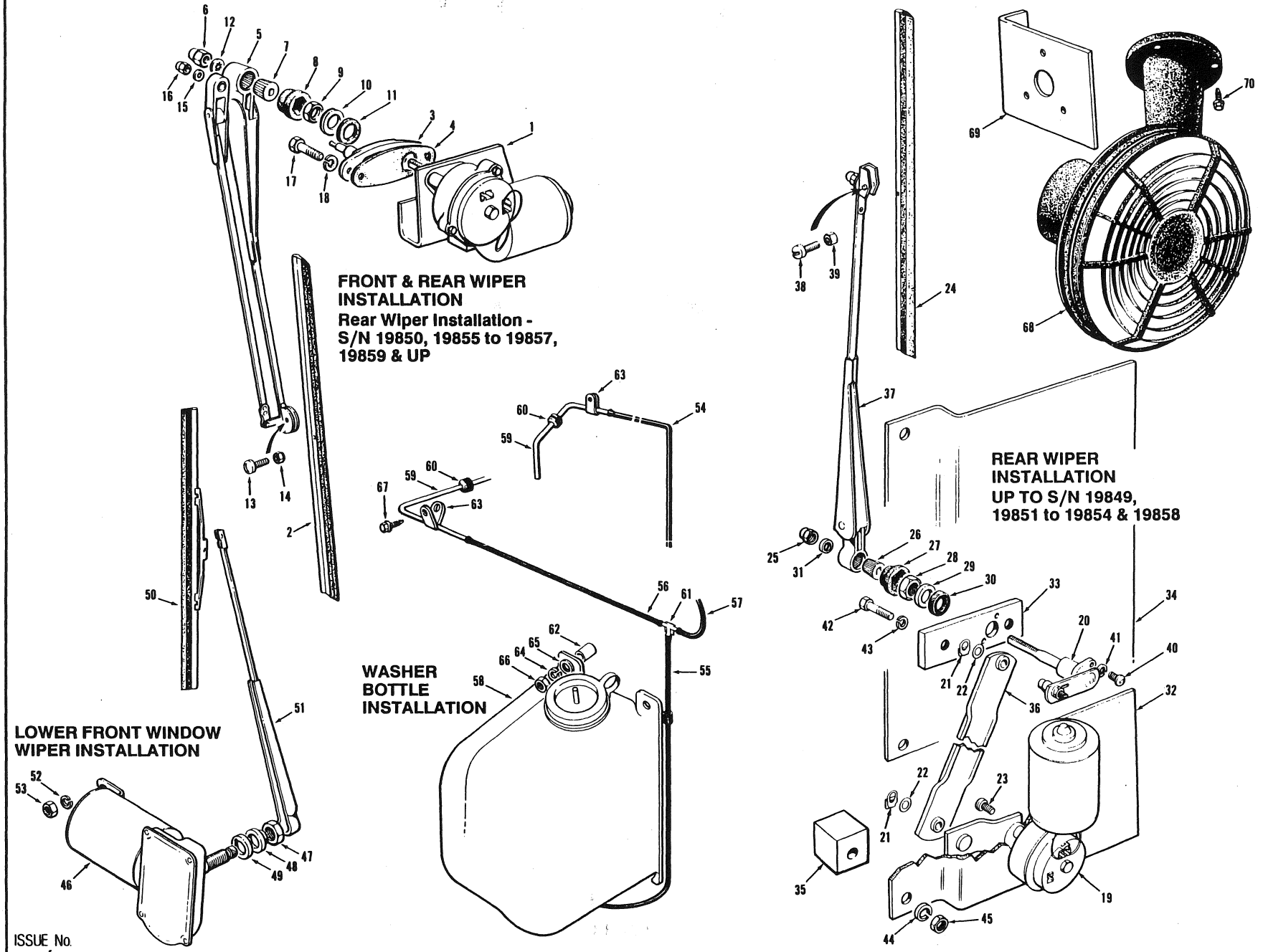
No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		FRONT WIPER INSTALLATION		
1	42276	WIPER MOTOR - 12 VOLT - C/W ITEMS 3 TO 9	1	
	*34285	WIPER MOTOR - 24 VOLT - C/W ITEMS 3 TO 9	1	
2	14394	WIPER BLADE - 20"	1	
3	23234	NUT	1	
4	23235	ADAPTER	1	
5	23236	GROMMET	1	
6	23238	JAM NUT	1	
7	23239	FLATWASHER	1	
8	23240	GASKET	1	
9	23715	WASHER	1	
10	36752	WIPER ARM - C/W ITEMS 11 & 12	1	
11	53N-0605	SCREW	1	
12	35B-06	LOCKNUT	1	
13	51A-0404	BOLT	2	
14	14A-04	LOCKWASHER	2	
		REAR WIPER INSTALLATION		
15	42436	WIPER MOTOR - 12 VOLT - C/W ITEMS 16 TO 19 & 22 TO 27	1	
	*34287	WIPER MOTOR - 24 VOLT - C/W ITEMS 16 TO 19 & 22 TO 27		
16		PIVOT SHAFT ASSY. } NOT AVAILABLE SEPARATELY	1	
17		SPRING CLIP } NOT AVAILABLE SEPARATELY	2	
18		WASHER } NOT AVAILABLE SEPARATELY	2	
19		SCREW } NOT AVAILABLE SEPARATELY	3	
20	14394	WIPER BLADE - 20"	1	
21	23234	NUT	1	
22	23235	ADAPTER	1	
23	23236	GROMMET	1	
24	23238	JAM NUT	1	
25	23239	FLATWASHER	1	
26	23240	GASKET	1	
27	23715	WASHER	1	
28	26913-1	MOUNTING BRACKET	1	
29	26913-2	MOUNTING PLATE	1	
30	32428-1	COVER PLATE	1	
31	32428-3	SPACER TUBE	1	
32	32431	LINKAGE ARM	1	
33	36752	WIPER ARM - C/W ITEMS 34 & 35	1	
34	53N-0605	SCREW	1	
35	35B-06	LOCKNUT	1	
36	52J-0803	SCREW	2	
37	14F-08	LOCKWASHER	2	
38	50A-0404	BOLT	2	
39	14A-04	LOCKWASHER	2	
40	14A-05	LOCKWASHER	4	
41	30A-05	NUT	4	
		FRONT LOWER WINDOW WIPER INSTALLATION		
42	10829	WIPER MOTOR - 12 VOLT C/W ITEMS 43 TO 45	2	
43	23241	JAM NUT	2	
44	23242	WASHER	2	
45	23243	GASKET	2	
46	23245	WIPER - BLADE	2	
47	1163-1	WIPER - ARM	2	
48	14A-05	LOCKWASHER	2	
49	30A-05	NUT	2	
		WASHER INSTALLATION		
50	23390 X 164	TUBE - FRONT INSTALLATION ONLY	1	
51	18865 X 12	TUBE - FRONT/REAR INSTALLATION	1	
52	23390 X 8	TUBE - FRONT/REAR INSTALLATION	1	
53	23390 X 164	TUBE - FRONT/REAR INSTALLATION	1	
54	19891	WASHER UNIT - 12 VOLT - C/W PUMP	1	
	*34291	WASHER UNIT - 24 VOLT - C/W PUMP	1	
55	23280	NOZZLE	1-2	
56	23281	GROMMET	1-2	
57	23282	TEE	1	
58	23290	SPACER	4	
59	23315	CLAMP	3	
60	14A-04	LOCKWASHER	4	
61	14C-04	FLATWASHER	4	
62	30A-04	NUT	4	
63	62A-1006	SCREW	3	
		DEFROSTER FAN INSTALLATION		
64	14141	DEFROSTER FAN - 12 VOLT	1	
	*14259	DEFROSTER FAN - 24 VOLT	1	
65	28818	MOUNTING BRACKET	1	REPAIR PART
66	62A-1006	SCREW	2	

EFFECTIVE SERIAL NUMBER(S) 19694 to 19923
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 11 PAGE 15
SECCION 11 PAGINA 15

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS



ISSUE No.
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WINDSHIELD WIPER/WASHER & DEFROSTER FAN

JUNE 1989

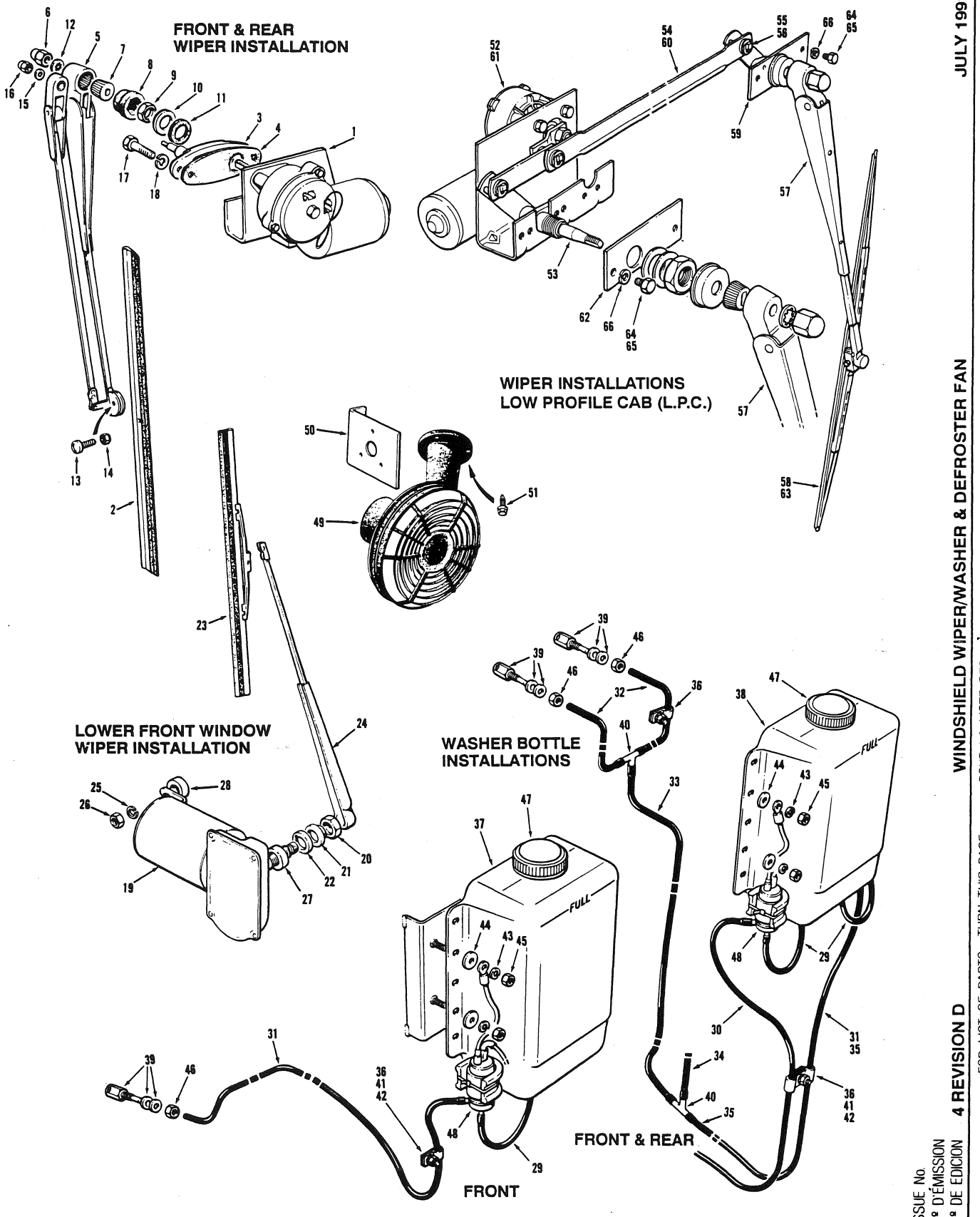
FOR LIST OF PARTS - TURN THIS PAGE
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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

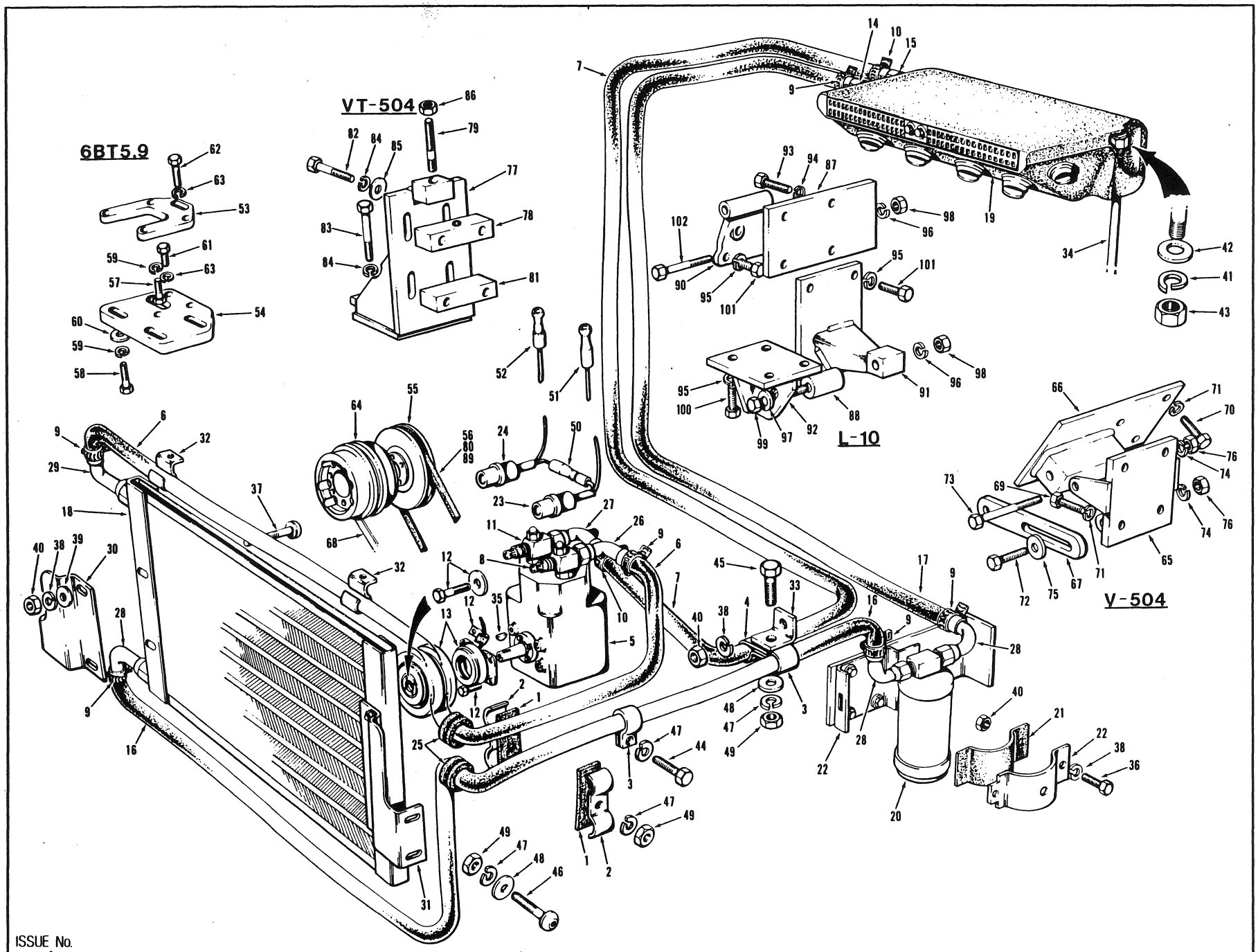
WINDSHIELD WIPER/WASHER & DEFROSTER FAN

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		FRONT & REAR WIPER INSTALLATION		REAR WIPER
1	28684	WIPER MOTOR - 12 VOLT - C/W ITEMS 6 TO 12	1	INSTALLAT'N
	34285	WIPER MOTOR - 24 VOLT - C/W ITEMS 6 TO 12	1	S/N 19850,
2	14394	WIPER BLADE - 20"	1	19855 to
3	19888	PANTOGRAPH KIT - C/W ITEMS 4, 15 & 16	1	19857, 19859
4		GASKET	1	& UP
5	19964	WIPER ARM - C/W ITEMS 13 & 14	1	
6	23234	NUT	1	
7	23235	ADAPTER	1	
8	23236	GROMMET	1	
9	23238	JAM NUT	1	
10	23239	FLATWASHER	1	
11	23240	GASKET	1	
12	23715	WASHER	1	
13	53N-0605	SCREW	1	
14	35B-06	LOCKNUT	1	
15	*14G-10	LOCKWASHER	1	
16	*33D-10	NUT	1	
17	*51A-0406ZI	BOLT	2	
18	*14A-04ZI	LOCKWASHER	2	
		REAR WIPER INSTALLATION		UP TO S/N
19	42436	WIPER MOTOR - 12 VOLT - C/W ITEMS 20 TO 23, 26 TO 31	1	19849,19851 to 19854,
	34287	WIPER MOTOR - 24 VOLT C/W ITEMS 20 TO 23, 26 TO 31	1	& 19858
20		PIVOT SHAFT ASSEMBLY	1	
21		SPRING CLIP — NOT AVAILABLE SEPARATELY	2	
22		WASHER — NOT AVAILABLE SEPARATELY	2	
23		SCREW — NOT AVAILABLE SEPARATELY	3	
24	14394	WIPER BLADE - 20"	1	
25	23234	NUT	1	
26	23235	ADAPTER	1	
27	23236	GROMMET	1	
28	23238	JAM NUT	1	
29	23239	FLATWASHER	1	
30	23240	GASKET	1	
31	23715	WASHER	1	
32	26913-1	MOUNTING BRACKET	1	
33	26913-2	MOUNTING PLATE	1	
34	32428-1	COVER PLATE	1	
35	32428-3	SPACER	1	
36	32431	LINKAGE ARM	1	
37	36752	WIPER ARM - C/W ITEMS 38 & 39	1	
38	53N-0605	SCREW	1	
39	35B-06	LOCKNUT	1	
40	5AJ-0803	SCREW	2	
41	14F-08	LOCKWASHER	2	
42	50A-0404	LOCKWASHER	2	
43	14A-04	LOCKWASHER	4	
44	14A-05	LOCKWASHER	4	
45	30A-05	NUT	4	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		LOWER FRONT WINDOW WIPER INSTALLATION		
		NOTE: CONTROL LEVER PEDESTAL REQUIRES MODIFICATION FOR NEW INSTALLATIONS. SEE PRODUCT SUPPORT BULLETIN NO. 496		
46	10829	WIPER MOTOR - 12 VOLT C/W ITEMS 47 TO 49	2	
47	23241	JAM NUT	2	
48	23242	WASHER	2	
49	23242	WASHER	2	
50	23245	WIPER BLADE	2	
51	1163-1	WIPER ARM	2	
52	14A-05	LOCKWASHER	2	
53	30A-05	NUT	2	
		WASHER BOTTLE INSTALLATION		
54	23390 X 164	TUBE - FRONT INSTALLATION ONLY	1	
55	18865 X 12	TUBE - FRONT/REAR INSTALLATION	1	
56	23370 X 8	TUBE - FRONT/REAR INSTALLATION	1	
57	23390 X 164	TUBE - FRONT/REAR	1	
58	19891	WASHER UNIT - 12 VOLT - C/W PUMP	1	
	34291	WASHER UNIT - 24 VOLT - C/W PUMP	1	
59	23280	NOZZLE	1 - 2	
60	23281	GROMMET	1 - 2	
61	23282	TEE	1	
62	23290	SPACER	4	
63	23315	CLAMP	3	
64	14A-04	LOCKWASHER	4	
65	14C-04	FLATWASHER	4	
66	30A-04	NUT	4	
67	62A-1006	SCREW	3	
		DEFROSTER FAN INSTALLATION		
68	14141	DEFROSTER FAN - 12 VOLT	1	
	14259	DEFROSTER FAN - 24 VOLT	1	
69	28818	MOUNTING BRACKET	1	REPAIR PART
70	62A-1006	SCREW	2	


FRONT & REAR WIPER INSTALLATION
WIPER INSTALLATIONS LOW PROFILE CAB (L.P.C.)
LOWER FRONT WINDOW WIPER INSTALLATION
WASHER BOTTLE INSTALLATIONS
FRONT & REAR
FRONT
FULL

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		FRONT & REAR WIPER INSTALLATION		
1	28684	WIPER MOTOR - 12 VOLT - C/W ITEMS 6 to 12	1	
	34285	WIPER MOTOR - 24 VOLT - C/W ITEMS 6 to 12	1	
2	55259	WIPER BLADE - 20"	1	
3	19888	PANTOGRAPH KIT - C/W ITEMS 4, 15 & 16	1	
4		GASKET	1	
5	19964	WIPER ARM - C/W ITEMS 13 & 14	1	
6	23234	NUT	1	
7	23235	ADAPTER	1	
8	23236	GROMMET	1	
9	23238	JAM NUT	1	
10	23239	FLATWASHER	1	
11	23240	GASKET	1	
12	23715	WASHER	1	
13	53N-0605	SCREW	1	
14	35B-06	LOCKNUT	1	
15	14G-10	LOCKWASHER	1	
16	33D-10	NUT	1	
17	51A-0406Zi	BOLT	2	
18	14A-0421	LOCKWASHER	2	
		LOWER FRONT WINDOW WIPER INSTALLATION		
		NOTE: CONTROL LEVER PEDESTAL REQUIRES MODIFICATION FOR NEW INSTALLATIONS. SEE PRODUCT SUPPORT BULLETIN NO. 496		
19	10829	WIPER MOTOR - 12 VOLT C/W ITEMS 20 to 22	2	
20	23241	JAM NUT	2	
21	23242	WASHER	2	
22	23243	GASKET	2	
23	57001	WIPER - BLADE	2	
24	57000	WIPER - ARM	2	
25	14A-05	LOCKWASHER	2	
26	30A-05	NUT	2	
27	*52450	SPACER	1	
28	*52451	SPACER	1	
		WASHER BOTTLE INSTALLATION		
29	18865 x 7	HOSE	1 - 2	
30	18865 x 252	HOSE - REAR	1	
31	18865 x 274	HOSE - FRONT	1	
32	*18865 x 36	HOSE - FRONT	2	
33	*18865 x 75	HOSE - FRONT	1	
34	*18865 x 136	HOSE - FRONT	1	
35	*18865 x 108	HOSE - FRONT	1	
36	32316	CLAMP	3 - 7	
37	53004	WASHER UNIT - FRONT - 12 VOLT - INCLUDES ITEMS 29, 47 & 48	1	
38	53005	WASHER UNIT - FRONT/REAR - 12 VOLT - INCLUDES ITEMS 29, 47 & 48	1	
39	53012	NOZZLE	1 - 2 - 4	
40	*56187	TEE	2	
41	14A-04	LOCKWASHER	3	
42	30A-04	NUT	3	
43	14A-05	LOCKWASHER	4	
44	14C-05	FLATWASHER	4	
45	30A-05	NUT	4	
46	30A-06	NUT	4 - 6	
47	54631	CAP	1	
48	54632	PUMP	1-2	
		DEFROSTER FAN INSTALLATION		
49	57984	DEFROSTER FAN - 12 VOLT	1	
	14259	DEFROSTER FAN - 24 VOLT	1	
50	28818	MOUNTING BRACKET	1	Repair Part
51	62A-1006	SCREW	2	
		WIPER INSTALLATIONS		
		LOW PROFILE CAB (L.P.C.)		
52	38446	WIPER MOTOR - FRONT	1	
53	38447	SHAFT	2	
54	38448	LINK - FRONT	1	
55	38449	WASHER	3	
56	38450	SPRING CLIP	3	
57	38451	WIPER ARM - REAR	1	
	65001	WIPER ARM - FRONT	1	
58	38452	WIPER BLADE - REAR	2	
59	57389	PLATE	1	
60	57484	LINK - REAR	1	
61	57485	WIPER MOTOR - REAR	1	
62	57640	SPACER	1	
63	57789	WIPER BLADE - FRONT	2	
64	51A-0404Zi	BOLT - FRONT	4	
65	51A-0406Zi	BOLT - REAR	4	
66	14A-04Zi	LOCKWASHER	4	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

AIR CONDITIONER INSTALLATIONS

OCTOBER 1985

FOR LIST OF PARTS, TURN THIS PAGE — POUR LA LISTE DES PIÈCES, VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS, VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224, 16245 TO 16806
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 TO 2418-2

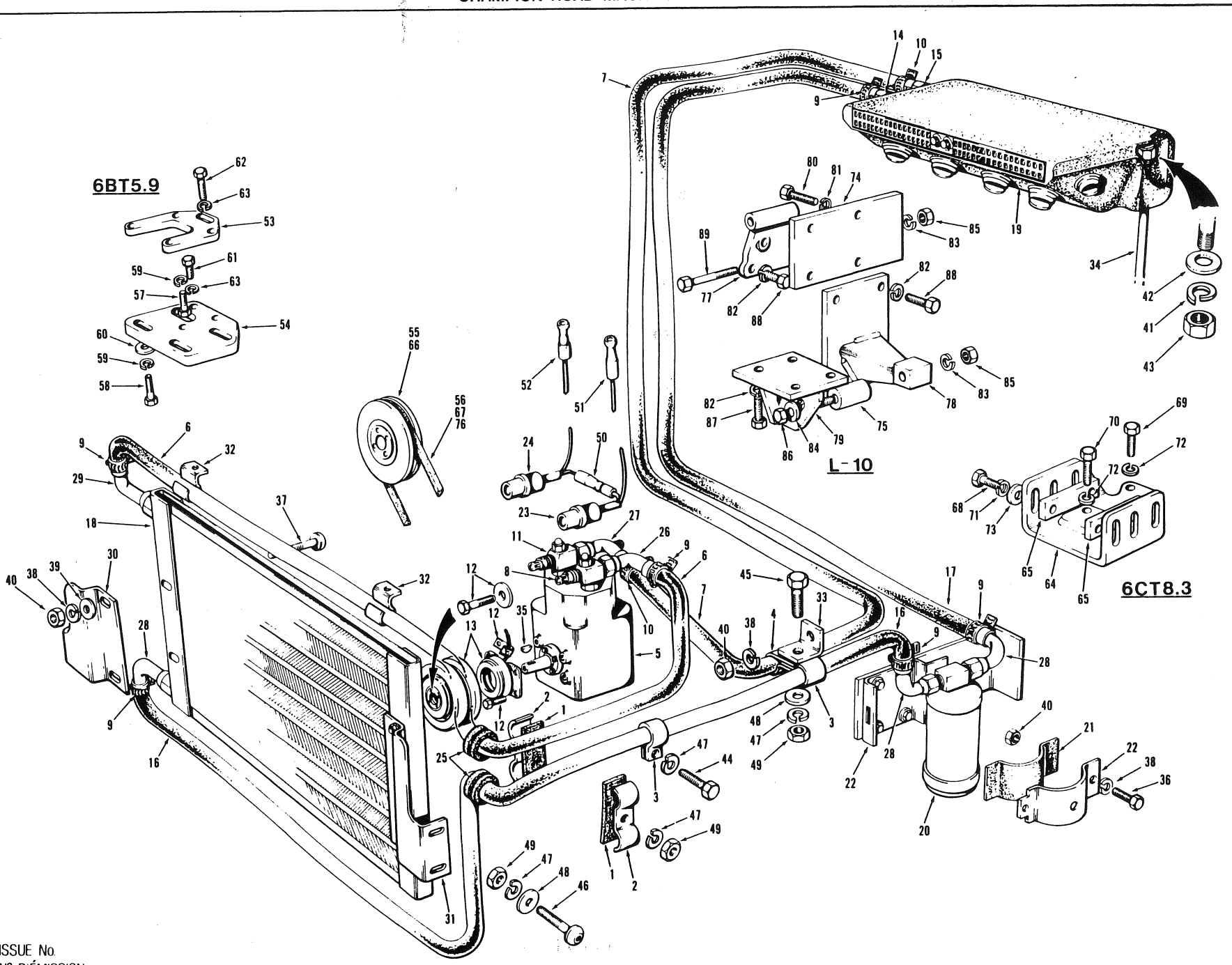
700 SERIES
SERIE 700

SECTION 11 PAGE 17
SECCION 11 PAGINA 17

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	9298	RUBBER PAD	2	
2	27756	HOSE CLAMP	4	
3	32318	HOSE CLAMP	2	
4	32319	HOSE CLAMP	1	
5	35782	COMPRESSOR	1	
6	35787 X 70	REFRIGERATION HOSE	1	
7	35788 X 242	REFRIGERATION HOSE	1	
8	35789	HIGH PRESSURE VALVE	1	
9	35790	HOSE CLAMP	4	
10	35791	HOSE CLAMP	2	
11	36030	LOW PRESSURE VALVE	1	
12	37210	REPAIR KIT - INCLUDES BOLTS, WASHER & CLIP	A.R.	
13	40916	CLUTCH PULLEY - INCLUDES ITEM 12	1	
14	40990	STRAIGHT CONNECTOR	1	
15	40991	STRAIGHT CONNECTOR	1	
16	40992 X 123	REFRIGERATION HOSE	1	
17	40992 X 214	REFRIGERATION HOSE	1	
18	40993	CONDENSOR CORE	1	
19	40994	EVAPORATOR ASSEMBLY	1	
20	40995	FILTER, RECEIVER DRYER	1	
21	40996	RECEIVER INSULATOR	1	
22	40997	FILTER MOUNTING BRACKET	1	
23	40998	LOW PRESSURE SWITCH	1	
24	40999	HIGH PRESSURE SWITCH	1	
25	41000	RUBBER GROMMET	2	
26	41142	CONNECTOR	1	
27	41143	CONNECTOR	1	
28	41144	CONNECTOR	2	
29	41145	CONNECTOR	2	
30	41149	BRACKET - L.H.	1	
31	41150	BRACKET - R.H.	1	
32	41157	CLIP	A.R.	
33	41521	BRACKET	1	
34	50042 X 27	DRAIN HOSE	2	
35	20J-0406	KEY - C/W ITEM 4	1	
36	50A-0404	BOLT	5	
37	50F-0412	BOLT	4	
38	14A-04	LOCKWASHER	10	
39	14C-04	FLATWASHER	A.R.	
40	30A-04	NUT	10	
41	14A-05	LOCKWASHER	4	
42	14C-05	FLATWASHER	4	
43	30A-05	NUT	4	
44	50A-0606	BOLT	1	
45	50A-0616	BOLT	1	
46	50F-0608	BOLT	4	
47	14A-06	LOCKWASHER	A.R.	
48	14C-06	FLATWASHER	A.R.	
49	30A-06	NUT	A.R.	
50	133B-00	CONNECTOR	1	
51	134B-00	CONNECTOR	1	
52	135B-00	CONNECTOR	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		COMPRESSOR MOUNTINGS		
53	41153	MOUNTING PLATE	1	
54	41154	BASE MOUNTING PLATE	1	
55	41155	ENGINE PULLEY	1	
56	41156	V-BELT	1	
57	50A-0608	BOLT	1	710, 710A
58	50A-0612	BOLT	3	WITH
59	14A-06	LOCKWASHER	4	6BT5.9
60	14C-06	FLATWASHER	3	
61	350A-10030	BOLT	2	
62	350A-10035	BOLT	1	
63	314A-10	LOCKWASHER	3	
64	40900	CRANKSHAFT ADAPTER	1	
65	40901	BRACKET	1	
66	40902	BRACKET	1	
67	40903	BRACKET	1	
68	41446	V-BELT	1	
69	50A-0608	BOLT	4	
70	50A-0610	BOLT	4	720, 720A
71	14A-06	LOCKWASHER	8	WITH V-504
72	50A-0812	BOLT	1	
73	50A-0852	BOLT	1	
74	14A-08	LOCKWASHER	2	
75	14C-08	FLATWASHER	1	
76	30A-08	NUT	2	
77	40919	BRACKET	1	
78	40920	ADJUSTMENT BRACKET	1	
79	40922	ADJUSTMENT STUD	1	
80	41446	V-BELT	1	730, 730A
81	41959	BAR	1	WITH
82	50A-0620	BOLT	4	VT-504
83	50A-0628	BOLT	4	
84	14A-06	LOCKWASHER	3	
85	14C-06	FLATWASHER	4	
86	30A-08	NUT	1	
87	41158	PLATE	1	
88	41159	SPACER	1	
89	41160	V-BELT	1	
90	41241	BRACKET SUPPORT	1	
91	41242	PIVOT BRACKET	1	
92	41243	ADJUSTMENT BRACKET	1	
93	50A-0608	BOLT	8	740, 740A
94	14A-06	LOCKWASHER	8	760
95	314A-10	LOCKWASHER	6	WITH L-10
96	314A-12	LOCKWASHER	2	
97	314C-12	FLATWASHER	1	
98	330A-12	NUT	2	
99	350A-12095	BOLT	1	
100	350A-10025	BOLT	4	
101	350A-10030	BOLT	2	
102	350A-12120	BOLT	1	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION A

AIR CONDITIONER INSTALLATIONS

JANUARY 1987

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16817 TO 17113
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2438-2 TO 2513-2

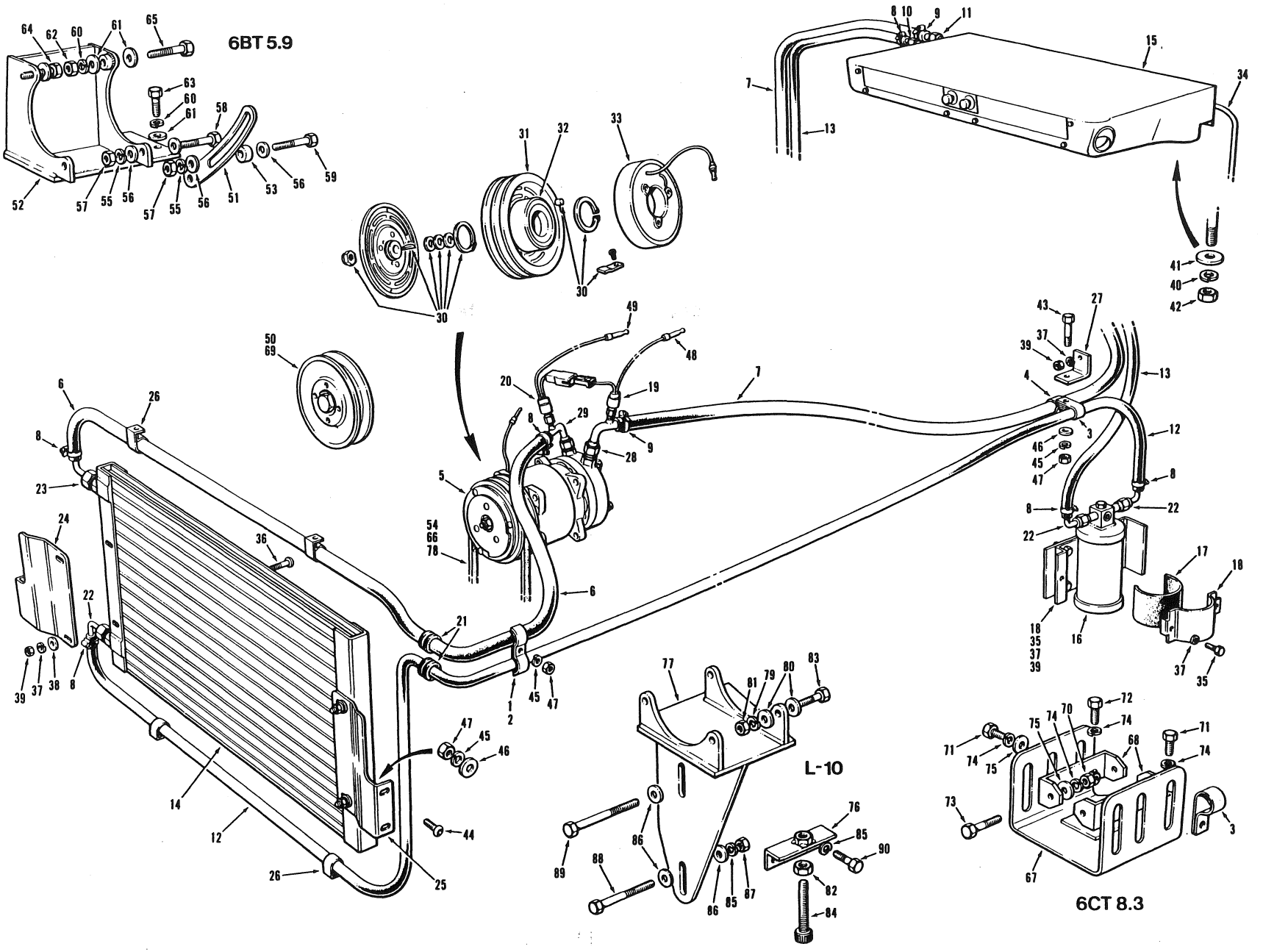
700 SERIES
SERIE 700

SECTION 11 PAGE
SECCION 11 PAGINA 17

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	9298	RUBBER PAD	2	
2	27756	HOSE CLAMP	4	
3	32318	HOSE CLAMP	2	
4	32319	HOSE CLAMP	1	
5	35782	COMPRESSOR - C/W ITEM 35	1	
6	35787 X 70	REFRIGERATION HOSE	1	
7	35788 X 242	REFRIGERATION HOSE	1	
8	35789	HIGH PRESSURE VALVE	1	
9		HOSE CLAMP	6	
10		HOSE CLAMP	2	
11	36030	LOW PRESSURE VALVE	1	
12	37210	REPAIR KIT - INCLUDES BOLTS, WASHER & CLIP	A.R.	
13	40916	CLUTCH PULLEY - INCLUDES ITEM 12	1	
14	40990	STRAIGHT CONNECTOR - C/W ITEM 9	1	
15	40991	STRAIGHT CONNECTOR - C/W ITEM 10	1	
16	40992 X 123	REFRIGERATION HOSE	1	
17	40992 X 214	REFRIGERATION HOSE	1	
18	40993	CONDENSER CORE	1	
19	40994	EVAPORATOR ASSEMBLY	1	
20	40995	FILTER - RECEIVER DRYER	1	
21	40996	RECEIVER INSULATOR	1	
22	40997	FILTER MOUNTING BRACKET	1	
23	40998	LOW PRESSURE SWITCH	1	
24	40999	HIGH PRESSURE SWITCH	1	
25	41000	RUBBER GROMMET	2	
26	41142	CONNECTOR - C/W ITEM 9	1	
27	41143	CONNECTOR - C/W ITEM 10	1	
28	41144	CONNECTOR - C/W ITEM 9	3	
29	41145	CONNECTOR - C/W ITEM 9	1	
30	41149	BRACKET - L.H.	1	
31	41150	BRACKET - R.H.	1	
32	41157	CLIP	A.R.	
33	41521	BRACKET	1	
34	50042 X 27	DRAIN HOSE	2	
35	20J-0406	KEY	1	
36	50A-0404	BOLT	5	
37	50F-0412	BOLT	4	
38	14A-04	LOCKWASHER	10	
39	14C-04	FLATWASHER	A.R.	
40	30A-04	NUT	10	
41	14A-05	LOCKWASHER	4	
42	14C-05	FLATWASHER	4	
43	30A-05	NUT	4	
44	50A-0606	BOLT	1	
45	50A-0616	BOLT	1	
46	50F-0608	BOLT	4	
47	14A-06	LOCKWASHER	A.R.	
48	14C-06	FLATWASHER	A.R.	
49	30A-06	NUT	A.R.	
50	133B-00	CONNECTOR	1	
51	134B-00	CONNECTOR	1	
52	135B-00	CONNECTOR	1	

No Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		COMPRESSOR MOUNTINGS		
53	41153	MOUNTING PLATE	1	
54	41154	BASE MOUNTING PLATE	1	
55	41155	ENGINE PULLEY	1	
56	41156	V-BELT	1	
57	50A-0608	BOLT	1	710, 710A
58	50A-0612	BOLT	3	WITH
59	14A-06	LOCKWASHER	4	6BT5.9
60	14C-06	FLATWASHER	3	
61	350A-10030	BOLT	2	
62	350A-10035	BOLT	1	
63	314A-10	LOCKWASHER	3	
64	42110	BRACKET	1	
65	42111	SPACER	2	
66	42108	DRIVE PULLEY	1	
67	42109	V-BELT	1	
68	50A-0610	BOLT	4	720 THRU
69	350A-10020	BOLT	2	730 WITH
70	350A-10025	BOLT	2	6CT8.3
71	14A-06	LOCKWASHER	4	
72	314A-10	LOCKWASHER	4	
73	14C-06	FLATWASHER	4	
74	41158	PLATE	1	
75	41159	SPACER	1	
76	41160	V-BELT	1	
77	41241	BRACKET SUPPORT	1	
78	41242	PIVOT BRACKET	1	
79	41243	ADJUSTMENT BRACKET	1	
80	50A-0608	BOLT	8	740, 740A
81	14A-06	LOCKWASHER	8	760
82	314A-10	LOCKWASHER	6	WITH L-10
83	314A-12	LOCKWASHER	2	
84	314C-12	FLATWASHER	1	
85	330A-12	NUT	2	
86	350A-12095	BOLT	1	
87	350A-10025	BOLT	4	
88	350A-10030	BOLT	2	
89	350A-12120	BOLT	1	
	*44515	SEAL KIT FOR ITEM 5 - INCLUDES		
		SEAL	1	
		GASKETS	2	
		COLLARS	2	



EFFECTIVE SERIAL NUMBER(S) 17158 to 19981, 19983,
NUMERO(S) DE SÉRIE EFFECTIF(S) 19986 to 19995, 19997 to 20004,
NUMERO(S) DE SERIE EFECTIVO(S) 20006 to 20226, 20233 to 20264,
20376 to 20382

700 SERIES
SERIE 700

SECTION 11 PAGE
SECCION 11 PAGINA 17

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **3 REVISION B**

AIR CONDITIONER INSTSALLATIONS

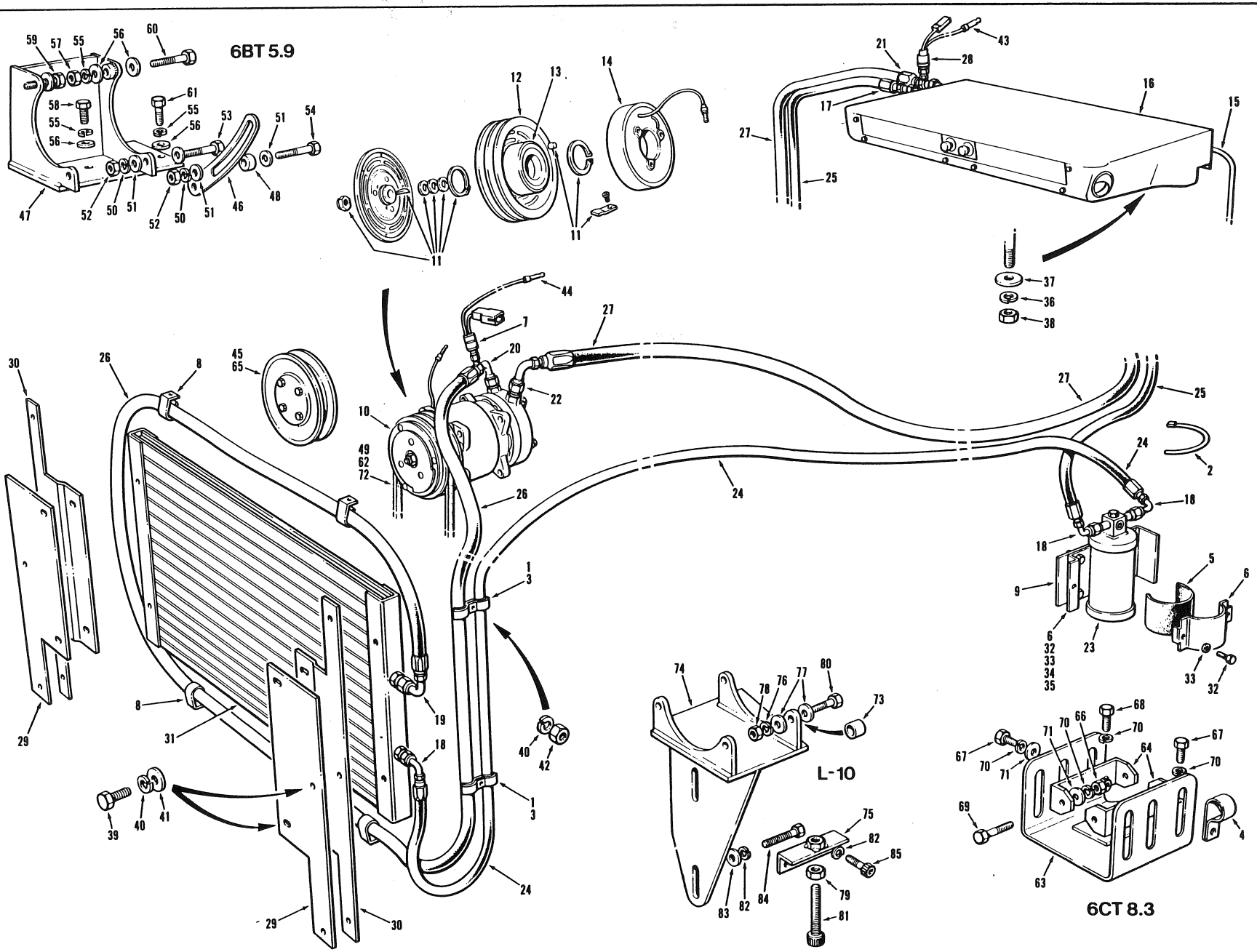
FEBRUARY 1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	9298	RUBBER PAD	2	
2	27756	HOSE CLAMP	2	
3	32318	HOSE CLAMP	A.R.	
4	32319	HOSE CLAMP	1	
5	44021	COMPRESSOR - INCLUDES ITEM 30, 31, 32 & 33	1	
6	35787 x 70	REFRIGERATION HOSE	1	
7	*35788 x 252	REFRIGERATION HOSE	1	
8	*22B-12	HOSE CLAMP	6	
9	*22B-12	HOSE CLAMP	2	
10	40990	STRAIGHT CONNECTOR - C/W ITEM 8	1	
11	40991	STRAIGHT CONNECTOR - C/W ITEM 9	1	
12	40992 x 123	REFRIGERATION HOSE	1	
13	40992 x 214	REFRIGERATION HOSE	1	
14	40993	CONDENSER CORE	1	
15	*52049	EVAPORATOR ASSEMBLY	REF.	SECT. 11 PAGE 24
16	40995	FILTER - RECEIVER DRYER	1	
17	40996	RECEIVER INSULATOR	1	
18	40997	FILTER MOUNTING BRACKET	1	
19	40998	LOW PRESSURE SWITCH	1	
20	40999	HIGH PRESSURE SWITCH	1	
21	41000	RUBBER GROMMET	2	
22	41144	CONNECTOR - C/W ITEM 8	3	
23	41145	CONNECTOR - C/W ITEM 8	1	
24	41149	BRACKET - L.H.	1	
25	41150	BRACKET - R.H.	1	
26	41157	CLIP	A.R.	
27	41521	BRACKET	1	
28	44152	CONNECTOR -C/W ITEM 9	1	
29	44153	CONNECTOR - C/W ITEM 8	1	
30	44415	ACCESSORY KIT - NUT, KEY, SHIMS, SNAP RINGS, COIL LEAD WIRE CLAMP C/W SCREWS	1	
31	44416	ROTOR PULLEY	1	
32	44417	BEARING	1	
33	44418	COIL, FIELD - 12 VOLT	1	
34	50042 x 27	DRAIN HOSE	2	
35	50A-0404	BOLT	5	
36	50F-0412	BOLT	4	
37	14A-04	LOCKWASHER	10	
38	14C-04	FLATWASHER	A.R.	
39	30A-04	NUT	10	
40	14A-05	LOCKWASHER	4	
41	14C-05	FLATWASHER	4	
42	30A-05	NUT	4	
43	50A-0616	BOLT	1	
44	50F-0608	BOLT	4	
45	14A-06	LOCKWASHER	A.R.	
46	14C-06	FLATWASHER	A.R.	
47	30A-06	NUT	A.R.	
48	134B-180	CONNECTOR	1	
49	135B-21	CONNECTOR	1	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		COMPRESSOR MOUNTINGS		
50	41155	DRIVE PULLEY	1	
51	44023	ADJUSTING STRAP	2	
52	44024	BRACKET	1	
53	44025	SPACER	2	
54	44149	V-BELT	1	
55	14A-06	LOCKWASHER	4	
56	14C-06	FLATWASHER	8	
57	30A-06	NUT	4	6BT5.9
58	50A-0612	BOLT	2	710/710A
59	50A-0616	BOLT	2	
60	314A-10	LOCKWASHER	5	
61	314C-10	FLATWASHER	7	
62	330A-10	NUT	2	
63	350A-10030	BOLT	3	
64	350A-10040	BOLT	1	
65	350A-10045	BOLT	1	
66	41156	V-BELT	1	
67	42110	BRACKET	1	
68	44148	SUPPORT BRACKET	2	
69	42108	DRIVE PULLEY	1	
70	330A-10	NUT	4	6CT8.3
71	350A-10020	BOLT	6	720 thru 730A
72	350A-10025	BOLT	2	
73	350A-10035	BOLT	4	
74	314A-10	LOCKWASHER	12	
75	314C-10	FLATWASHER	8	
76	*53954	ADJUSTING BRACKET	1	
77	*53934	MOUNTING BRACKET	1	
78	44213	V-BELT	1	
79	14A-06	LOCKWASHER	4	
80	14C-06	FLATWASHER	6	
81	30A-06	NUT	4	L-10-C
82	31A-08	NUT	1	740 thru 780A
83	50A-0614	BOLT	4	
84	51A-0828	BOLT	1	
85	314A-10	LOCKWASHER	4	
86	314C-10	FLATWASHER	4	
87	330A-10	NUT	2	
88	350A-10075	BOLT	1	



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

19982, 19984, 19985, 19996, 20005, 20227 to 20232, 20265 to 20375, 20383 & UP

700 SERIES
SERIE 700

SECTION 11 PAGE
SECCION 11 PAGINA 17

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION
4 REVISION A

AIR CONDITIONER INSTALLATIONS

APRIL 1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

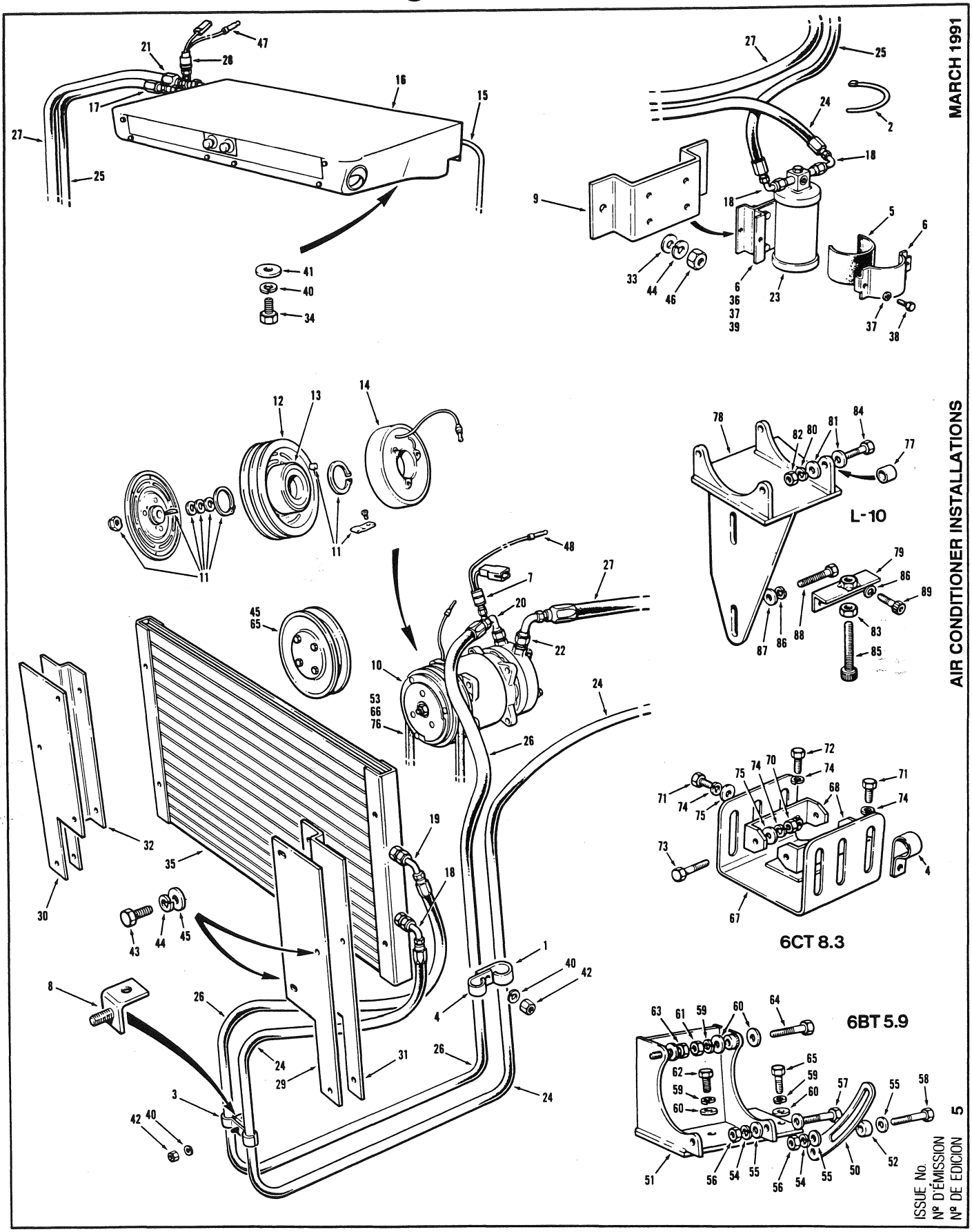
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	9298	RUBBER PAD	2	
2	15774	TIE WRAP	7	
3	27756	HOSE CLAMP	2	
4	32318	HOSE CLAMP	1	
5	40996	RECEIVER INSULATOR	1	
6	40997	FILTER MOUNTING BRACKET	1	
7	40999	HIGH PRESSURE SWITCH	1	
8	41157	CLIP	1	
9	41448	BRACKET	1	REPAIR PART
10	44021	COMPRESSOR - 12 VOLT- INCLUDES ITEMS 11, 12, 13 & 14	1	
	*55057	COMPRESSOR - 24 VOLT - INCLUDES ITEMS 11, 12, 13 & 14	1	
11	44415	ACCESSORY KIT - NUT, KEY, SHIM, SNAP RINGS, COIL LEAD WIRE, CLAMP, C/W SCREWS	1	
12	44416	ROTOR PULLEY - 12 VOLT	1	
	*56508	ROTOR PULLEY - 24 VOLT	1	
13	44417	BEARING	1	
14	44418	COIL, FIELD - 12 VOLT	1	
	*56507	COIL, FIELD - 24 VOLT	1	
15	50042 x 27	DRAIN HOSE	1	
16	52049	EVAPORATOR ASSEMBLY	1	Sec .11 Pg. 24
17	54820	CONNECTOR - C/W O-RING	1	
18	54821	CONNECTOR	1	
19	54822	CONNECTOR	1	
20	54823	CONNECTOR	1	
21	54824	CONNECTOR - C/W O-RING	1	
22	54825	CONNECTOR	1	
23	54826	FILTER - RECEIVER DRYER	1	
24	54832 x 123	REFRIGERATOR HOSE	1	
25	54832 x 214	REFRIGERATOR HOSE	1	
26	54832 x 160	REFRIGERATOR HOSE	1	
27	54834 x 252	REFRIGERATOR HOSE	1	
28	54851	LOW PRESSURE SWITCH	1	
29	54863	BRACKET - SUCKER FAN	2	
30	54864	BRACKET - BLOWER FAN	2	
31	57028	CONDENSOR CORE	1	
32	50A-0404	BOLT	5	
33	14A-04	LOCKWASHER	4	
34	14C-04	FLATWASHER	4	
35	30A-04	NUT	4	
36	14A-05	LOCKWASHER	4	
37	14C-05	FLATWASHER	4	
38	30A-05	NUT	4	
39	50A-0608	BOLT	8	
40	14A-06	LOCKWASHER	10	
41	14C-06	FLATWASHER	8	
42	30A-06	NUT	2	
43	134B-180	CONNECTOR	1	
44	135B-21	CONNECTOR	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		COMPRESSOR MOUNTINGS		
45	41155	DRIVE PULLEY	1	
46	44023	ADJUSTING STRAP	2	
47	44024	BRACKET	1	
48	44025	SPACER	2	
49	44149	V-BELT	1	
50	14A-06	LOCKWASHER	4	
51	14C-06	FLATWASHER	8	
52	30A-06	NUT	4	
53	50A-0612	BOLT	2	
54	50A-0616	BOLT	2	710/710A
55	314A-10	LOCKWASHER	5	
56	314C-10	FLATWASHER	7	
57	330A-10	NUT	2	
58	350A-10030	BOLT	1	
59	350A-10040	BOLT	1	
60	350A-10045	BOLT	1	
61	350AA-10040	BOLT	2	
62	41156	V-BELT	1	
63	42110	BRACKET	1	
64	44148	SUPPORT BRACKET	2	
65	42108	DRIVE PULLEY	1	
66	330A-10	NUT	4	
67	350A-10020	BOLT	6	720 thru 730A
68	350A-10025	BOLT	2	
69	350A-10035	BOLT	4	
70	314A-10	LOCKWASHER	12	
71	314C-10	FLATWASHER	8	
72	44213	V-BELT	1	
73	53941	SPACER	2	
74	53934	MOUNTING BRACKET	1	
75	53954	ADJUSTING BRACKET	1	
76	14A-06	LOCKWASHER	4	
77	14C-06	FLATWASHER	6	
78	30A-06	NUT	4	740 thru 780A
79	31A-08	NUT	1	
80	50A-0614	BOLT	4	
81	71F-0864	BOLT	1	
82	314A-10	LOCKWASHER	4	
83	314C-10	FLATWASHER	4	
84	350A-10030	BOLT	2	
85	350D-10030	BOLT	2	

AIR CONDITIONER INSTALLATIONS

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

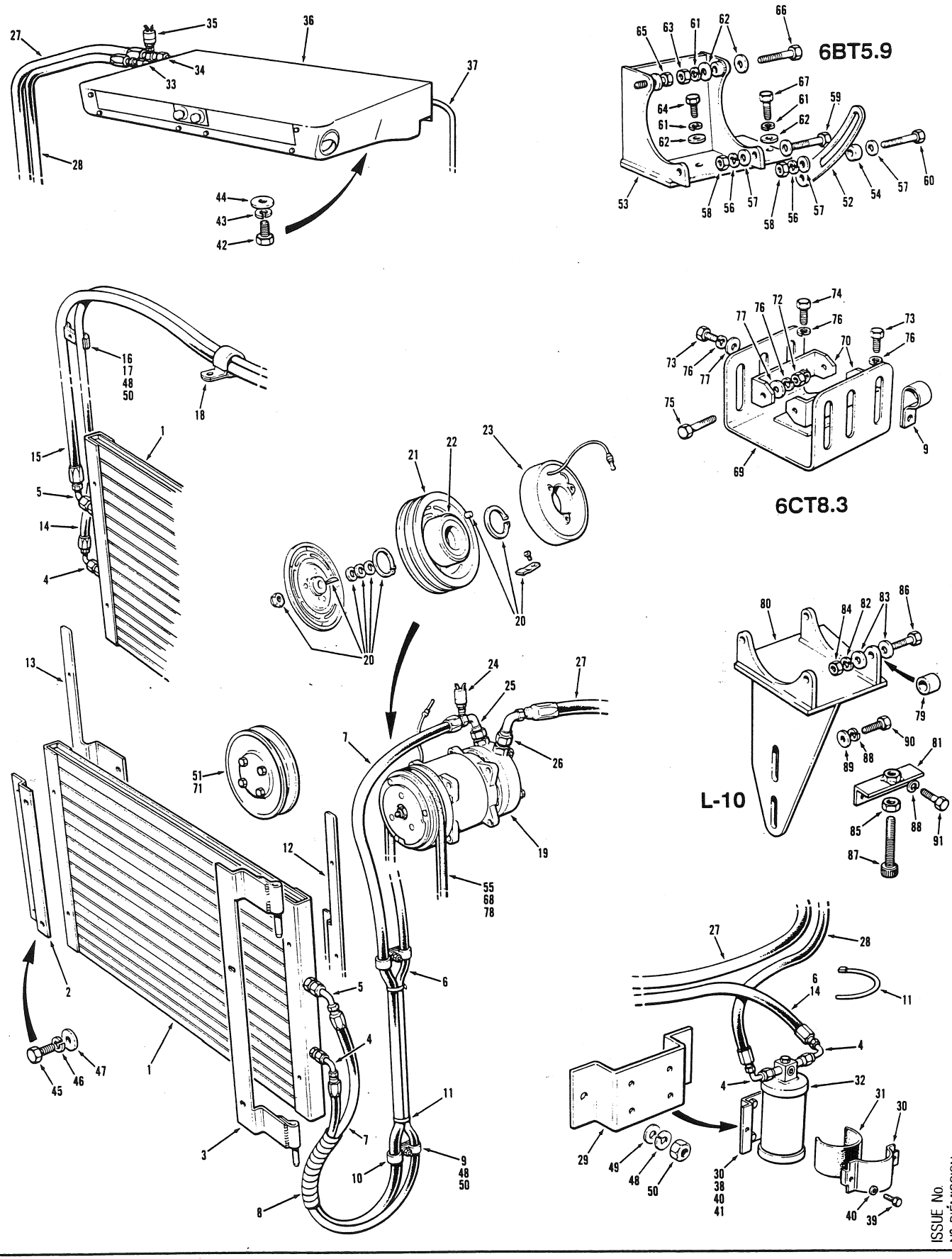


ISSUE No. 5
Nº D'ÉMISSION
Nº DE EDICION

EFFECTIVE SERIAL NUMBER(S) 20719 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S) EXCLUDING 20731
NUMERO(S) DE SERIE EFECTIVO(S)

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	*32319	HOSE CLAMP	2	
2	15774	TIE WRAP	7	
3	*1008	HOSE CLAMP	2	
4	32318	HOSE CLAMP	3	
5	40996	RECEIVER INSULATOR	1	
6	40997	FILTER MOUNTING BRACKET	1	
7	40999	HIGH PRESSURE SWITCH	1	
8	*57731	BRACKET	1	
9	*57939	BRACKET	1	
10	44021	COMPRESSOR - 12 VOLT- INCLUDES ITEMS 11, 12, 13 & 14	1	
	55057	COMPRESSOR - 24 VOLT - INCLUDES ITEMS 11, 12, 13 & 14	1	
11	44415	ACCESSORY KIT - NUT, KEY, SHIM, SNAP RINGS, COIL LEAD WIRE, CLAMP, C/W SCREWS	1	
12	44416	ROTOR PULLEY - 12 VOLT	1	
	56508	ROTOR PULLEY - 24 VOLT	1	
13	44417	BEARING	1	
14	44418	COIL, FIELD - 12 VOLT	1	
	56507	COIL, FIELD - 24 VOLT	1	
15	50042 x 27	DRAIN HOSE	1	
16	52049	EVAPORATOR ASSEMBLY	1	Sect 11 Pg 23
17	54820	CONNECTOR - C/W O-RING	1	
18	54821	CONNECTOR	1	
19	54822	CONNECTOR	1	
20	54823	CONNECTOR	1	
21	54824	CONNECTOR - C/W O-RING	1	
22	54825	CONNECTOR	1	
23	54826	FILTER - RECEIVER DRYER	1	
24	*54832 x 120	REFRIGERATOR HOSE	1	
25	54832 x 214	REFRIGERATOR HOSE	1	
26	*54833 x 160	REFRIGERATOR HOSE	1	
27	54834 x 252	REFRIGERATOR HOSE	1	
28	54851	LOW PRESSURE SWITCH	1	
29	*56050	BRACKET - R.H.	1	720 thru 780A
30	*56051	BRACKET - L.H.	1	720 thru 780A
31	*56049	BRACKET - R.H.	1	710/710A
32	*57055	BRACKET - L.H.	1	710/710A
33	*14D-06	FLATWASHER	2	
34	*50A-0805Zi	BOLT	4	
35	57028	CONDENSOR CORE	1	
36	50A-0404	BOLT	4	
37	14A-04	LOCKWASHER	6	
38	*50A-0410	BOLT	1	
39	30A-04	NUT	6	
40	14A-05	LOCKWASHER	4	
41	14C-05	FLATWASHER	4	
42	30A-05	NUT	4	
43	50A-0608	BOLT	8	
44	14A-06	LOCKWASHER	10	
45	14C-06	FLATWASHER	8	
46	30A-06	NUT	4	
47	134B-180	CONNECTOR	1	
48	135B-21	CONNECTOR	1	

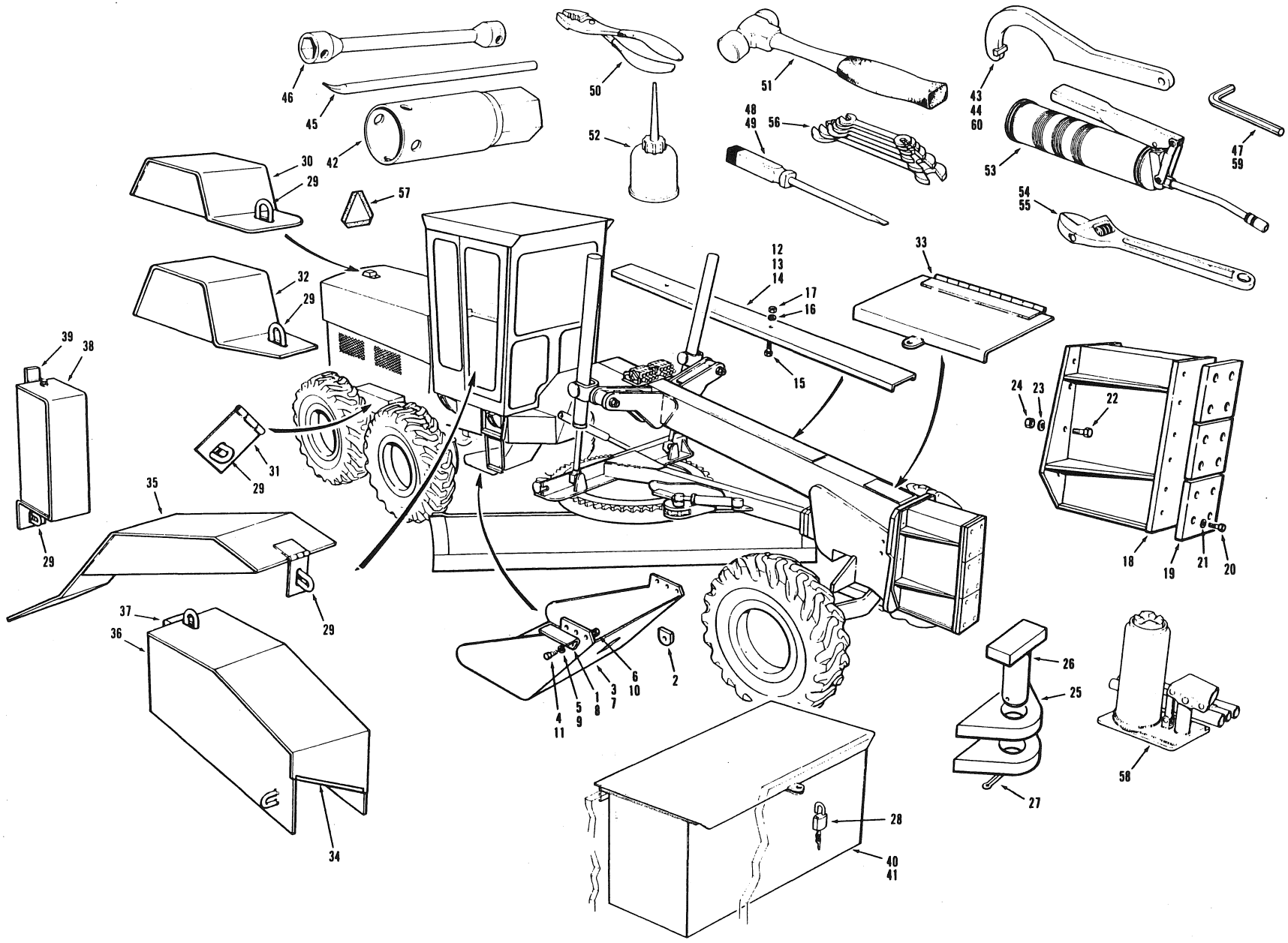
No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		COMPRESSOR MOUNTINGS		
49	41155	DRIVE PULLEY	1	
50	44023	ADJUSTING STRAP	2	
51	44024	BRACKET	1	
52	44025	SPACER	2	
53	44149	V-BELT	1	
54	14A-06	LOCKWASHER	4	
55	14C-06	FLATWASHER	8	
56	30A-06	NUT	4	
57	50A-0612	BOLT	2	
58	50A-0616	BOLT	2	710/710A
59	314A-10	LOCKWASHER	5	
60	314C-10	FLATWASHER	7	
61	330A-10	NUT	2	
62	350A-10030	BOLT	1	
63	350A-10040	BOLT	1	
64	350A-10045	BOLT	1	
65	350AA-10040	BOLT	2	
66	41156	V-BELT	1	
67	42110	BRACKET	1	
68	44148	SUPPORT BRACKET	2	
69	42108	DRIVE PULLEY	1	
70	330A-10	NUT	4	
71	350A-10020	BOLT	6	720 thru 730A
72	350A-10025	BOLT	2	
73	350A-10035	BOLT	4	
74	314A-10	LOCKWASHER	12	
75	314C-10	FLATWASHER	8	
76	44213	V-BELT	1	
77	53941	SPACER	2	
78	53934	MOUNTING BRACKET	1	
79	53954	ADJUSTING BRACKET	1	
80	14A-06	LOCKWASHER	4	
81	14C-06	FLATWASHER	6	
82	30A-06	NUT	4	740 thru 780A
83	31A-08	NUT	1	
84	50A-0614	BOLT	4	
85	71F-0864	BOLT	1	
86	314A-10	LOCKWASHER	4	
87	314C-10	FLATWASHER	4	
88	350A-10030	BOLT	2	
89	350D-10030	BOLT	2	



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S) 21911 & UP

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	*54815	CONDENSOR CORE	1	
2	*57829	BRACKET - L.H. - SUCKER FAN	1	
3	*65127	BRACKET - R.H. - SUCKER FAN	1	UP TO S/N 22094
	*65657	BRACKET - R.H. - SUCKER FAN	1	S/N 22095 & UP
4	54721	CONNECTOR	3	
5	54822	CONNECTOR	1	
6	*54832 x 126	REFRIGERATOR HOSE - SUCKER FAN	1	
7	*54833 x 96	REFRIGERATOR HOSE - SUCKER FAN	1	
8	*41647 x 15	HOSE WRAP - SUCKER FAN	1	
9	32318	CLAMP	2	
10	32319	CLAMP	2	
11	15774	TIE WRAP	12	
12	*57817	BRACKET - R.H.	1	BLOWER FAN
13	*57818	BRACKET - L.H.	1	
14	*54832 x 142	REFRIGERATOR HOSE	1	
15	*54833 x 78	REFRIGERATOR HOSE	1	
16	*9298	RUBBER PAD	1	
17	*27756	CLAMP	1	
18	*32320	CLAMP	1	
19	44021	COMPRESSOR - 12 VOLT - INCLUDES ITEMS 20 TO 23	1	
	55057	COMPRESSOR - 24 VOLT - INCLUDES ITEMS 20 TO 23	1	
20	44415	ACCESSORY KIT - NUT, KEY, SHIM, SNAP RINGS, COIL LEAD WIRE, CLAMP, C/W SCREWS	1	
21	44416	ROTOR PULLEY - 12 VOLT	1	
	56508	ROTOR PULLEY - 24 VOLT	1	
22	44417	BEARING	1	
23	44418	COIL, FIELD - 12 VOLT	1	
	56507	COIL, FIELD - 24 VOLT	1	
	55502	DUST SHIELD KIT - A/C COMPRESSOR - C/W 65328 DUST SHIELD & HARDWARE	1	
24	*65196	HIGH PRESSURE SWITCH	1	
25	54823	CONNECTOR	1	
26	54825	CONNECTOR	1	
27	*54834 x 225	REFRIGERATOR HOSE	1	
28	*54834 x 185	REFRIGERATOR HOSE	1	
29	57939	BRACKET	1	
30	40997	FILTER MOUNTING BRACKET	1	
31	40996	INSULATOR	1	
32	54826	FILTER - RECEIVER DRYER	1	
33	54820	CONNECTOR - C/W O-RING	1	
34	54824	CONNECTOR - C/W/ O-RING	1	
35	54851	LOW PRESSURE SWITCH	1	
36	52049	EVAPORATOR ASSEMBLY	1	Sect 11 Pg 23
37	50042 x 27	DRAIN HOSE	1	
38	50A-0404	BOLT	4	
39	50A-0410	BOLT	1	
40	14A-04	LOCKWASHER	5	
41	30A-04	NUT	4	
42	50A-0508zi	BOLT	4	
43	*14A-05zi	LOCKWASHER	4	
44	*14C-05zi	FLATWASHER	4	
45	*50A-0508	BOLT	4	
46	14A-05	LOCKWASHER	4	
47	14C-05	FLATWASHER	4	
48	14A-06	LOCKWASHER	6	
49	14C-06	FLATWASHER	4	
50	30A-06	NUT	6	
		COMPRESSOR MOUNTINGS		
51	41155	DRIVE PULLEY	1	710/710A
52	44023	ADJUSTING STRAP	2	
53	44024	BRACKET	1	
54	44025	SPACER	2	
55	44149	V-BELT	1	
56	14A-06	LOCKWASHER	4	
57	14C-06	FLATWASHER	8	
58	30A-06	NUT	4	
59	50A-0612	BOLT	2	
60	50A-0616	BOLT	2	
61	314A-10	LOCKWASHER	5	
62	314C-10	FLATWASHER	7	
63	330A-10	NUT	2	
64	350A-10030	BOLT	1	
65	350A-10040	BOLT	1	
66	350A-10045	BOLT	1	
67	350AA-10040	BOLT	2	
68	41156	V-BELT	1	720 thru 730A
69	42110	BRACKET	1	
70	44148	SUPPORT BRACKET	2	
71	42108	DRIVE PULLEY	1	
72	330A-10	NUT	4	
73	350A-10020	BOLT	6	
74	350A-10025	BOLT	2	
75	350A-10035	BOLT	4	
76	314A-10	LOCKWASHER	12	
77	314C-10	FLATWASHER	8	
78	44213	V-BELT	1	740 thru 780A
79	53941	SPACER	2	
80	53934	MOUNTING BRACKET	1	
81	53954	ADJUSTING BRACKET	1	
82	14A-06	LOCKWASHER	4	
83	14C-06	FLATWASHER	6	
84	30A-06	NUT	4	
85	31A-08	NUT	1	
86	50A-0614	BOLT	4	
87	71F-0864	BOLT	1	
88	314A-10	LOCKWASHER	4	
89	314C-10	FLATWASHER	2	
90	350A-10030	BOLT	2	
91	350D-10030	BOLT	2	

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION B

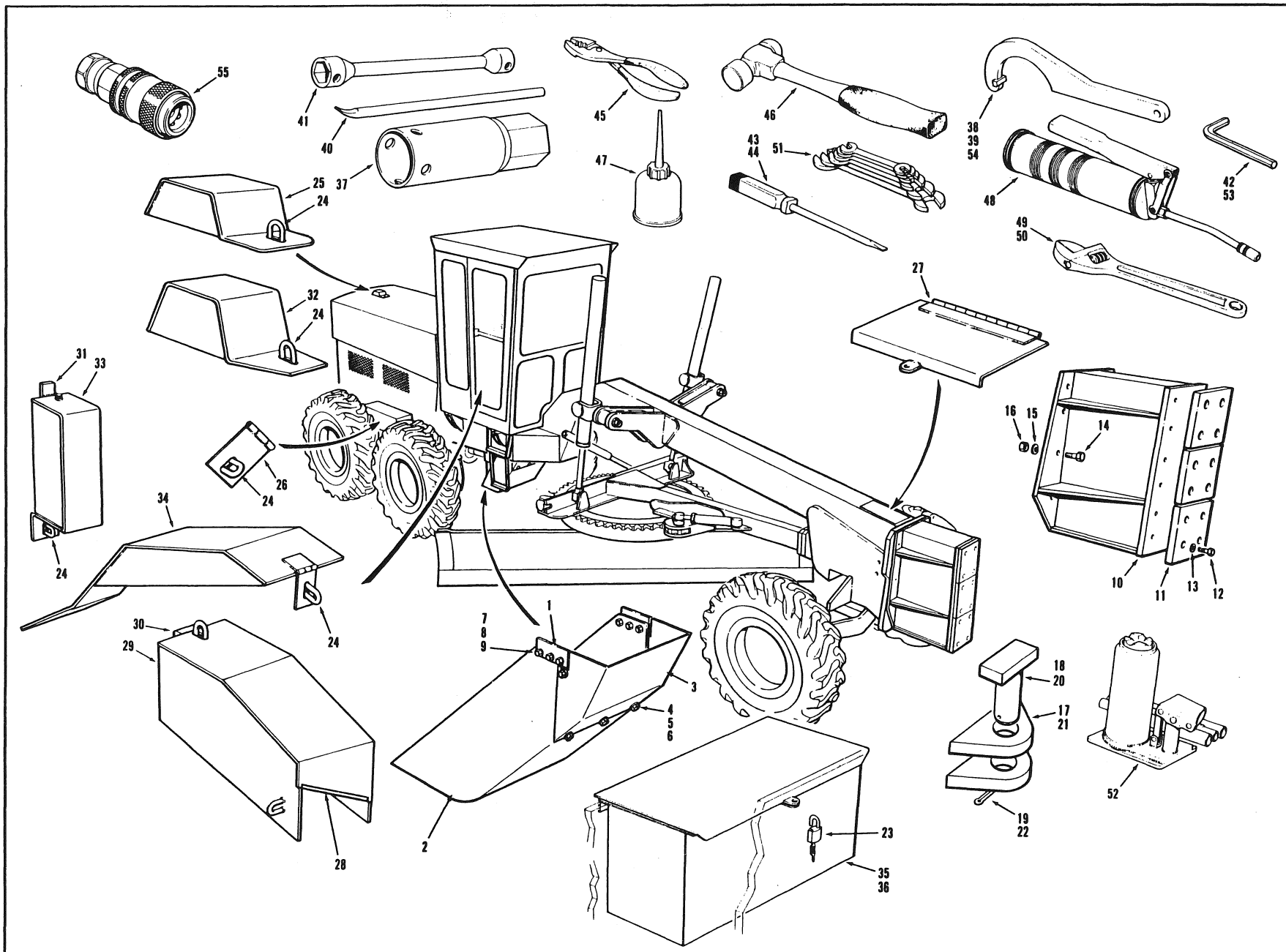
CHASSIS REMOVABLE ITEMS & ANTI-VANDALISM EQUIPMENT

APRIL 1987

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		TRANSMISSION GUARD		
1	18346	MOUNTING ANGLE - (REPAIR PART)	2	
2	25286	LUG - (REPAIR PART)	1	UP TO S/N
3	40096	GUARD	1	17408
4	50A-1216	BOLT	6	UP TO U.S.
5	14A-12	LOCKWASHER	6	S/N 2570-2
6	30A-12	NUT	6	
		TRANSMISSION GUARD		
7	43770	GUARD	1	S/N 17409
8	43771	MOUNTING ANGLE - (REPAIR PART)	2	& UP
9	14A-12	LOCKWASHER	6	U.S. S/N
10	30A-12	NUT	6	2571-2
11	50A-1216	BOLT	6	& UP
		FRONT FRAME COVER		
12	18002	COVER	1	MODEL 740 THRU 780A
13	36843	COVER	1	MODEL 710 THRU 720A
14	*43110	COVER	1	MODEL 730 & 730A
15	50A-0620	BOLT	1	
16	14A-06	LOCKWASHER	1	
17	30A-06	NUT	1	
		PUSH BLOCK ASSEMBLY		
18	8523	PUSH BLOCK	1	
19	8524	WEAR PLATE	3	
20	50A-1014	BOLT	12	
21	14A-10	LOCKWASHER	12	
22	51A-1624	BOLT	8	
23	14A-16	LOCKWASHER	8	
24	31A-16	NUT	8	
		FRONT TOWING LUG		
25	10533	TOWING LUG	2	REPAIR PART
26	10534	PIN	1	
27	13A-0848	COTTER PIN	1	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		ANTI-VANDALISM EQUIPMENT		
28	18968	PADLOCK	A.R.	
29	18989	LATCH RING	A.R.	REPAIR PART
30	19025	COVER - RADIATOR & FUEL CAP	2	
31	19082	HASP	A.R.	REPAIR PART
32	30725	COVER - HYDRAULIC TANK	1	A.W.D.
33	30922	COVER - MOTOR CONTROL VALVE	1	A.W.D.
34	32576	TRIM LOCK - 9" LONG	1	
35	33821	COVER - PEDESTAL	1	
36	33823	COVER - CONSOLE	1	
37	33824	SUPPORT ANGLE	1	REPAIR PART
38	33826	COVER - SWITCH PANEL	1	
39	33827	SUPPORT ANGLE	1	REPAIR PART
		TOOLBOXES		
40	12749	TOOLBOX - C/W ITEM 28	1	
41	30626	TOOLBOX - NOT INCLUDING ITEM 28	1	A.W.D.
		STANDARD TOOLS		
42	27	HUB WRENCH	1	
43	12261	CYLINDER WRENCH - 4"	1	
44	12327	CYLINDER WRENCH - 3"	1	
		OPTIONAL TOOLS		
45	821	TIRE WRENCH	1	
46	821A	SOCKET	1	
47	2519-3	ALLEN WRENCH SET	1	
48	2519-4	SCREWDRIVER - SHORT	1	
49	2519-5	SCREWDRIVER - LONG	1	
50	2519-6	PLIERS	1	
51	2519-7	HAMMER	1	
52	2519-8	OIL CAN	1	
53	2519-9	GREASE GUN - C/W HOSE	1	
54	6505	ADJUSTABLE WRENCH - 15"	1	
55	6506	ADJUSTABLE WRENCH - 12"	1	
56	6507	SPANNER SET	1	
57	9349	SIGN - SLOW MOVING	1	
58	9455	HYDRAULIC JACK - 20 TON	1	
59	15608	ALLEN WRENCH - 5/16"	1	
60	18275	CYLINDER WRENCH - 5"	1	



ISSUE No.
Nº D'ÉMISSION
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CHASSIS REMOVEABLE ITEMS & ANTI-VANDALISM EQUIPMENT

OCTOBER 1989

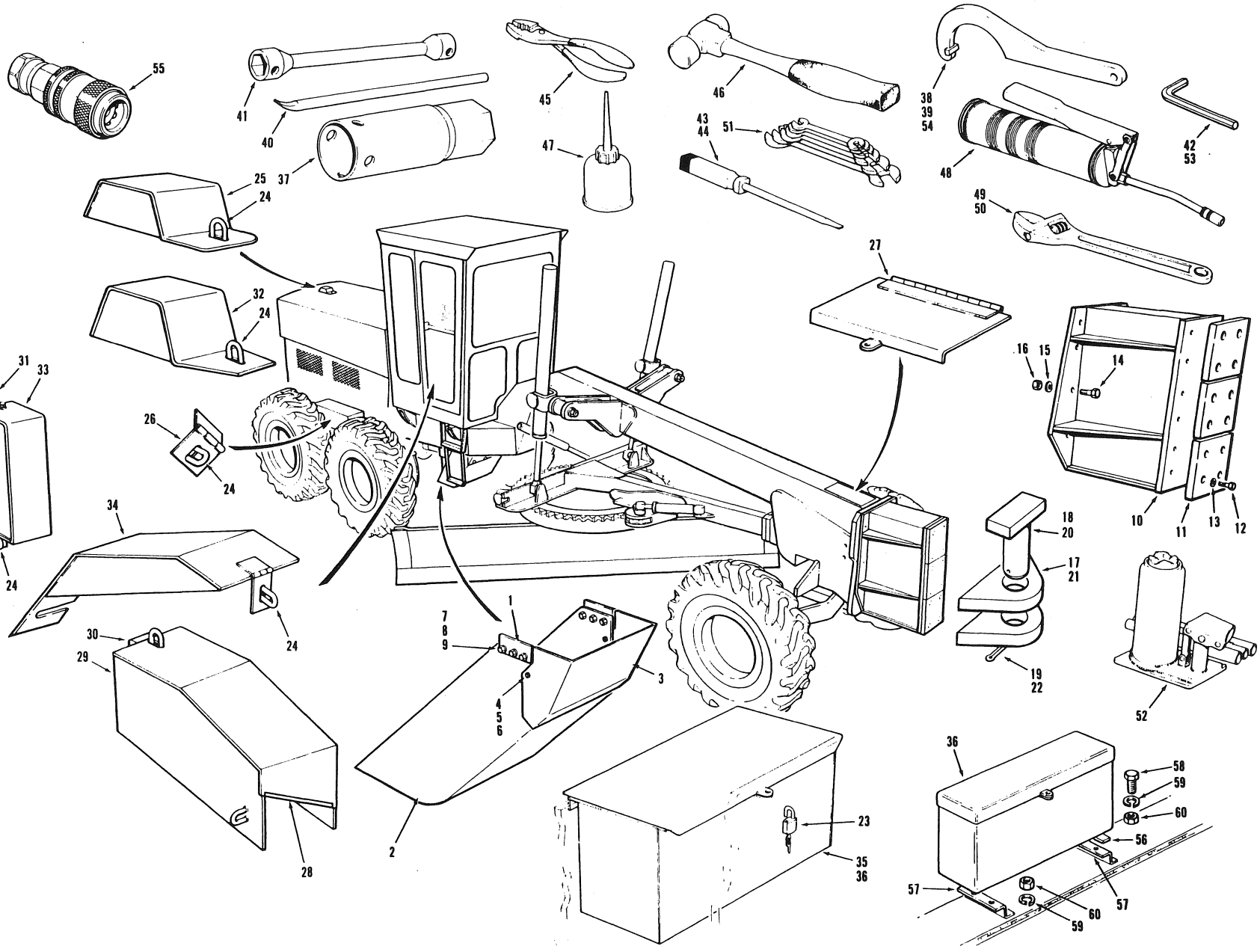
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

CHASSIS REMOVABLE ITEMS & ANTI-VANDALISM EQUIPMENT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		TRANSMISSION GUARD		
1	*43771	MOUNTING ANGLE	2	REPAIR PART
2	*45916	GUARD	1	
3	*45917	COVER PLATE	1	
4	*14A-05	LOCKWASHER	5	
5	*14C-05	FLATWASHER	5	
6	*30A-05	NUT	5	
7	50A-1216	BOLT	6	
8	14A-12	LOCKWASHER	6	
9	30A-12	NUT	6	
		PUSH BLOCK ASSEMBLY		
10	8523	PUSH BLOCK	1	
11	8524	WEAR PLATE	3	
12	50A-1014	BOLT	12	
13	14A-10	LOCKWASHER	12	
14	*50A-1636	BOLT	8	
15	14A-16	LOCKWASHER	8	
16	*30A-16	NUT	8	
		FRONT TOWING LUG		
17	*49173	TOWING LUG	2	REPAIR PART
18	*49844	PIN	1	
19	13A-0848	COTTER PIN	1	
		REAR TOWING LUG		
20	49173	TOWING LUG	2	REPAIR PART
21	*49174	PIN	1	
22	13A-0848	COTTER PIN	1	
		ANTI-VANDALISM EQUIPMENT		
23	18968	PADLOCK	A.R.	
24	18989	LATCH RING	A.R.	REPAIR PART
25	19025	COVER - RADIATOR & FUEL CAP	2	
26	19082	HASP	A.R.	REPAIR PART
27	30922	COVER - MOTOR CONTROL VALVE	1	A.W.D.
28	32576	TRIM LOCK - 9" LONG	1	
29	33823	COVER - CONSOLE	1	
30	33824	SUPPORT ANGLE	1	REPAIR PART
31	33827	SUPPORT ANGLE	1	REPAIR PART
32	*49381	COVER - HYDRAULIC TANK	1	A.W.D.
33	*51625	COVER - SWTICH PANEL	1	
34	*51629	COVER - PEDESTAL	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		TOOL BOXES		
35	12749	TOOL BOX - C/W ITEM 23	1	
36	30626	TOOL BOX - NOT INCLUDING ITEM 23	1	A.W.D.
		STANDARD TOOLS		
37	27	HUB WRENCH	1	
38	12261	CYLINDER WRENCH - 4"	1	
39	12327	CYLINDER WRENCH - 3"	1	
		OPTIONAL TOOLS		
40	821	TIRE WRENCH	1	
41	821A	SOCKET	1	
42	2519-3	ALLEN WRENCH SET	1	
43	2519-4	SCREW DRIIVER - SHORT	1	
44	2519-5	SCREW DRIVER - LONG	1	
45	2519-6	PLIERS	1	
46	2519-7	HAMMER	1	
47	2519-8	OIL CAN	1	
48	2519-9	GREASE GUN - C/W HOSE	1	
49	6505	ADJUSTABLE WRENCH - 15"	1	
50	6506	ADJUSTABLE WRENCH - 12"	1	
51	6507	SPANNER SET	1	
52	9455	HYDRAULIC JACK - 20 TON	1	
53	15608	ALLEN WRENCH - 5/16"	1	
54	18275	CYLINDER WRENCH - 5"	1	
55	*51287	QUICK DISCONNECT COUPLING - FEMALE	1	HYDRAULIC SYSTEM TEST PORTS



EFFECTIVE SERIAL NUMBER(S) 20719 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S) EXCLUDING 20731
NUMERO(S) DE SERIE EFECTIVO(S)

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

700 SERIES
SERIE 700

SECTION 11 PAGE 19
SECCION 11 PAGINA 19

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

CHASSIS REMOVEABLE ITEMS & ANTI-VANDALISM EQUIPMENT

SEPTEMBER 1990

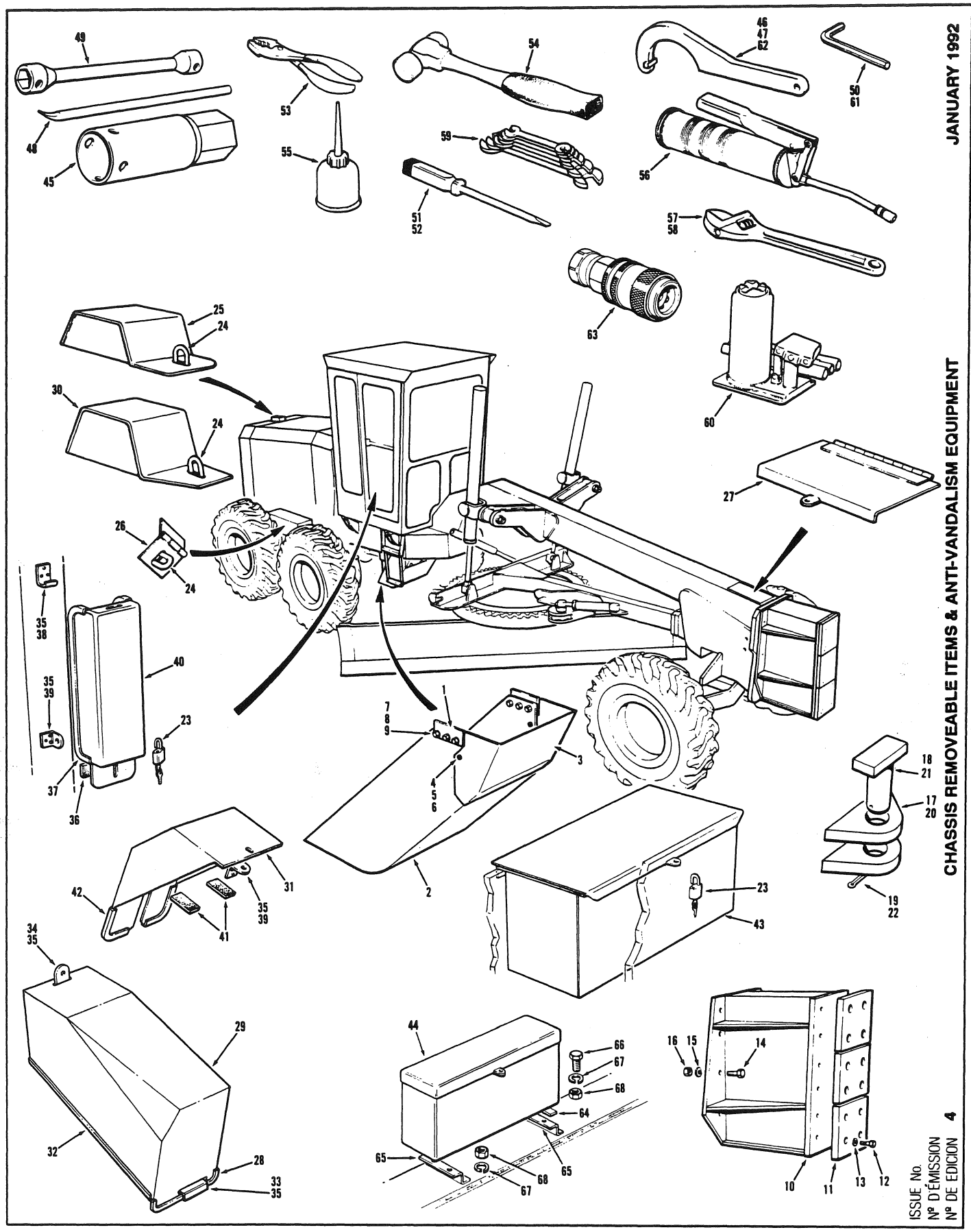
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

CHASSIS REMOVABLE ITEMS & ANTI-VANDALISM EQUIPMENT

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		TRANSMISSION GUARD		
1	43771	MOUNTING ANGLE	2	REPAIR PART
2	*56509	GUARD	1	
3	*56497	COVER PLATE	1	
4	14A-05	LOCKWASHER	2	
5	14C-05	FLATWASHER	2	
6	*50A-0510	NUT	2	
7	50A-1216	BOLT	6	
8	14A-12	LOCKWASHER	6	
9	30A-12	NUT	6	
		PUSH BLOCK ASSEMBLY		
10	8523	PUSH BLOCK	1	
11	8524	WEAR PLATE	3	
12	50A-1014	BOLT	12	
13	14A-10	LOCKWASHER	12	
14	50A-1636	BOLT	8	
15	14A-16	LOCKWASHER	8	
16	30A-16	NUT	8	
		FRONT TOWING LUG		
17	49173	TOWING LUG	2	REPAIR PART
18	49844	PIN	1	
19	13A-0848	COTTER PIN	1	
		REAR TOWING LUG		
20	49173	TOWING LUG	2	REPAIR PART
21	49174	PIN	1	
22	13A-0848	COTTER PIN	1	
		ANTI-VANDALISM EQUIPMENT		
23	18968	PADLOCK	A.R.	
24	18989	LATCH RING	A.R.	REPAIR PART
25	19025	COVER - RADIATOR & FUEL CAP	2	
26	*57007	HASP	A.R.	REPAIR PART
27	30922	COVER - MOTOR CONTROL VALVE	1	A.W.D.
28	32576	TRIM LOCK - 9" LONG	1	
29	33823	COVER - CONSOLE	1	
30	33824	SUPPORT ANGLE	1	REPAIR PART
31	33827	SUPPORT ANGLE	1	REPAIR PART
32	49381	COVER - HYDRAULIC TANK	1	A.W.D.
33	51625	COVER - SWTICH PANEL	1	
34	*57006	COVER - PEDESTAL	1	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		TOOL BOXES		
35	12749	TOOL BOX - C/W ITEM 23	1	
36	30626	TOOL BOX - NOT INCLUDING ITEM 23	1	A.W.D. UP TO S/N 20892
	*57377	TOOL BOX - NOT INCLUDING ITEM 23	1	A.W.D. S/N 20893 & UP
		STANDARD TOOLS		
37	27	HUB WRENCH	1	
38	12261	CYLINDER WRENCH - 4"	1	
39	12327	CYLINDER WRENCH - 3"	1	
		OPTIONAL TOOLS		
40	821	TIRE WRENCH	1	
41	821A	SOCKET	1	
42	2519-3	ALLEN WRENCH SET	1	
43	2519-4	SCREW DRIIVER - SHORT	1	
44	2519-5	SCREW DRIVER - LONG	1	
45	2519-6	PLIERS	1	
46	2519-7	HAMMER	1	
47	2519-8	OIL CAN	1	
48	2519-9	GREASE GUN - C/W HOSE	1	
49	6505	ADJUSTABLE WRENCH - 15"	1	
50	6506	ADJUSTABLE WRENCH - 12"	1	
51	6507	SPANNER SET	1	
52	9455	HYDRAULIC JACK - 20 TON	1	
	*44568-1	HYDRAULIC JACK - 7 TON	1	
53	15608	ALLEN WRENCH - 5/16"	1	
54	18275	CYLINDER WRENCH - 5"	1	
55	51287	QUICK DISCONNECT COUPLING - FEMALE	1	HYDRAULIC SYSTEM TEST PORTS
56	*57307	SPACER - 24V	1	A.W.D. S/N 20893 & UP
57	*57308	MOUNTING BAR	2	
58	*50A-0806 Zi	BOLT	4	
59	*14A-06 Zi	LOCKWASHER	4	
60	*30A-06 Zi	NUT	4	



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21481 & UP EXCEPT 21485, 21488 &21489

700 SERIES
SERIE 700

SECTION 11 PAGE 19
SECCION PAGINA

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		TRANSMISSION GUARD		
1	43771	MOUNTING ANGLE	2	REPAIR PART
2	56509	GUARD	1	
3	56497	COVER PLATE	1	
4	14A-05	LOCKWASHER	2	
5	14C-05	FLATWASHER	2	
6	50A-0510	NUT	2	
7	50A-1216	BOLT	6	
8	14A-12	LOCKWASHER	6	
9	30A-12	NUT	6	
		PUSH BLOCK ASSEMBLY		
10	8523	PUSH BLOCK	1	
11	8524	WEAR PLATE	3	
12	50A-1014	BOLT	12	
13	14A-10	LOCKWASHER	12	
14	50A-1636	BOLT	8	
15	14A-16	LOCKWASHER	8	
16	30A-16	NUT	8	
		FRONT TOWING LUG		
17	49173	TOWING LUG	2	REPAIR PART
18	49844	PIN	1	
19	13A-0848	COTTER PIN	1	
		REAR TOWING LUG		
20	49173	TOWING LUG	2	REPAIR PART
21	49174	PIN	1	
22	13A-0848	COTTER PIN	1	
		ANTI-VANDALISM EQUIPMENT		
23	18968	PADLOCK	A.R.	
24	18989	LATCH RING	A.R.	REPAIR PART
25	19025	COVER - RADIATOR & FUEL CAP	2	
26	57007	HASP	A.R.	REPAIR PART
27	30922	COVER - MOTOR CONTROL VALVE	1	A.W.D.
28	*32576 x 11	TRIM LOCK	1	
29	*57595	COVER - CONSOLE	1	
30	49381	COVER - HYDRAULIC TANK	1	A.W.D.
31	*57586	COVER - PEDESTAL	1	
32	*32576 x 25.5	TRIM LOCK	2	
33	*57592	CLIP	1	PANEL
34	*57601	CATCH	1	BOX
35	*76A-064	RIVET	3-6-7	
36	*28344 x .75	FOAM TAPE	2	
37	*32576 x 21	TRIM LOCK	2	
38	*57567	CATCH	1	
39	*57581	CATCH	1	
40	*57805	COVER - SWITCH	1	
41	*28344 x 3	FOAM TAPE	2	
42	*32576 x 6	TRIM LOCK	2	
		TOOL BOXES		
43	*62083	TOOL BOX	1	
44	57377	TOOL BOX	1	A.W.D.
		STANDARD TOOLS		
45	27	HUB WRENCH	1	
46	12261	CYLINDER WRENCH - 4"	1	
47	12327	CYLINDER WRENCH - 3"	1	
		OPTIONAL TOOLS		
48	821	TIRE WRENCH	1	
49	*66288	SOCKET	1	
50	2519-3	ALLEN WRENCH SET	1	
51	2519-4	SCREW DRIIVER - SHORT	1	
52	2519-5	SCREW DRIVER - LONG	1	
53	2519-6	PLIERS	1	
54	2519-7	HAMMER	1	
55	2519-8	OIL CAN	1	
56	2519-9	GREASE GUN - C/W HOSE	1	
57	6505	ADJUSTABLE WRENCH - 15"	1	
58	6506	ADJUSTABLE WRENCH - 12"	1	
59	6507	SPANNER SET	1	
60	9455	HYDRAULIC JACK - 20 TON	1	
	44568-1	HYDRAULIC JACK - 7 TON	1	
61	15608	ALLEN WRENCH - 5/16"	1	
62	18275	CYLINDER WRENCH - 5"	1	
63	51287	QUICK DISCONNECT COUPLING - FEMALE	1	HYDRAULIC SYSTEM TEST PORTS
64	57307	SPACER - 24V	1	
65	*58857	MOUNTING BAR	2	
66	50A-0806 ZI	BOLT	4	A.W.D.
67	14A-06 ZI	LOCKWASHER	4	
68	30A-06 ZI	NUT	4	



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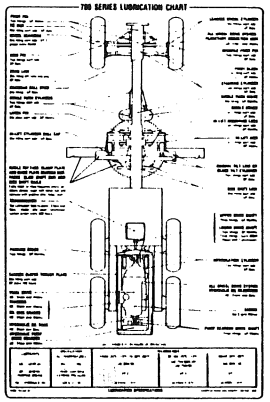
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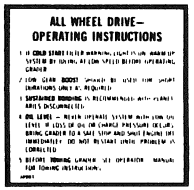


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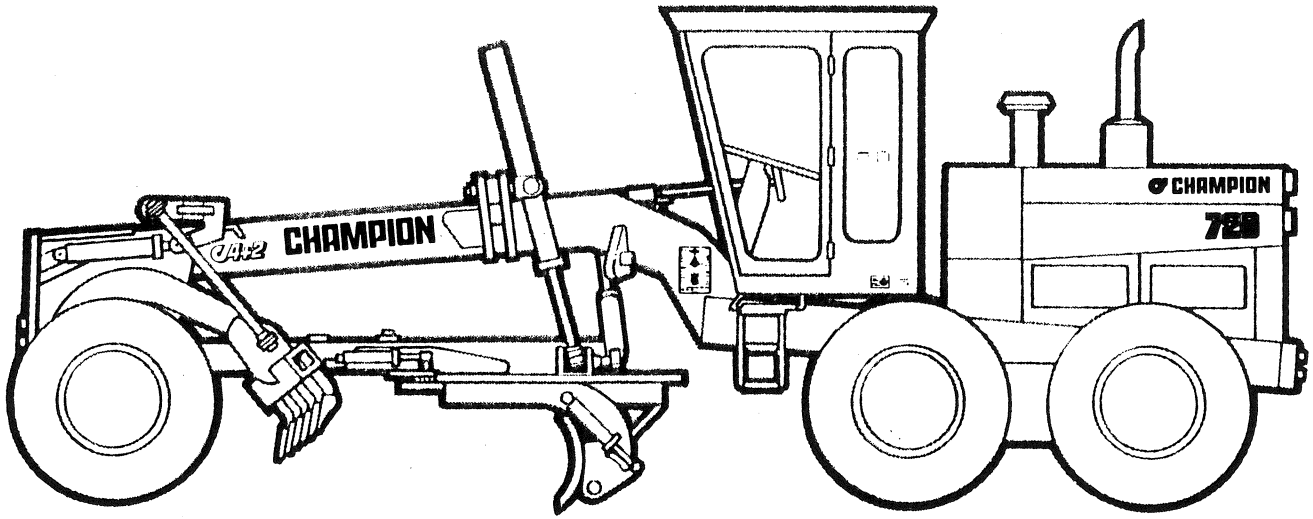


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DECALS

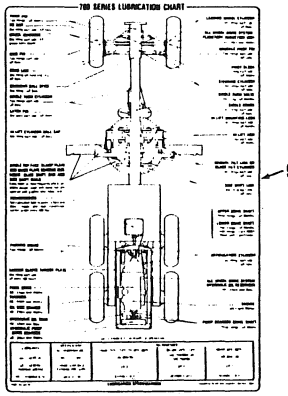
NOVEMBER 1984

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	23069	"710"	2	
	24881	"710A"	2	
	23339	"720"	2	
	23340	"720A"	2	
	36938	"730"	2	
	36939	"730A"	2	
	23341	"740"	2	
	23342	"740A"	2	
	23343	"760"	2	
2	17783	D.R.M.C.O. - RADIATOR	1	
3	17785	D.R.M.C.O. - FRAME	2	
4	19543	ARTICULATION WARNING - ENGLISH	2	
	24842	ARTICULATION WARNING - FRENCH	2	
5	23333	CHAMPION - FRAME	2	
6	23369	CHAMPION - REAR GRILLE	1	
7	24177	CHAMPION - HOOD	2	
8	37146	LUBRICATION CHART - ENGLISH	1	
	37147	LUBRICATION CHART - FRENCH	1	
	37148	LUBRICATION CHART - SPANISH	1	
9	25747	"MADE IN CANADA"	2	
10	30774	"4 + 2" - FRAME	4	ALL WHEEL DRIVE
11	30775	"4 + 2" - CONTROLS	1	
12	30776	BOOST	1	
13	30791	"ZERO"	1	
14	30792	"MAX."	1	
15	30900	WARNING	1	
16	30901	OPERATING INSTRUCTIONS	1	

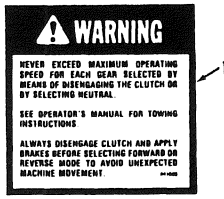
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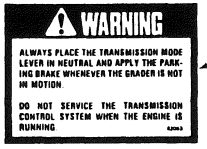


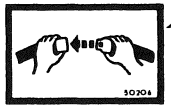






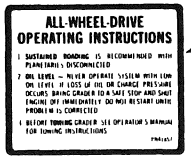








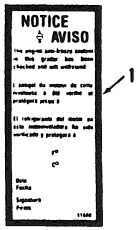


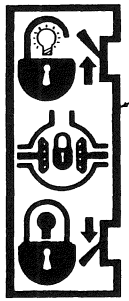


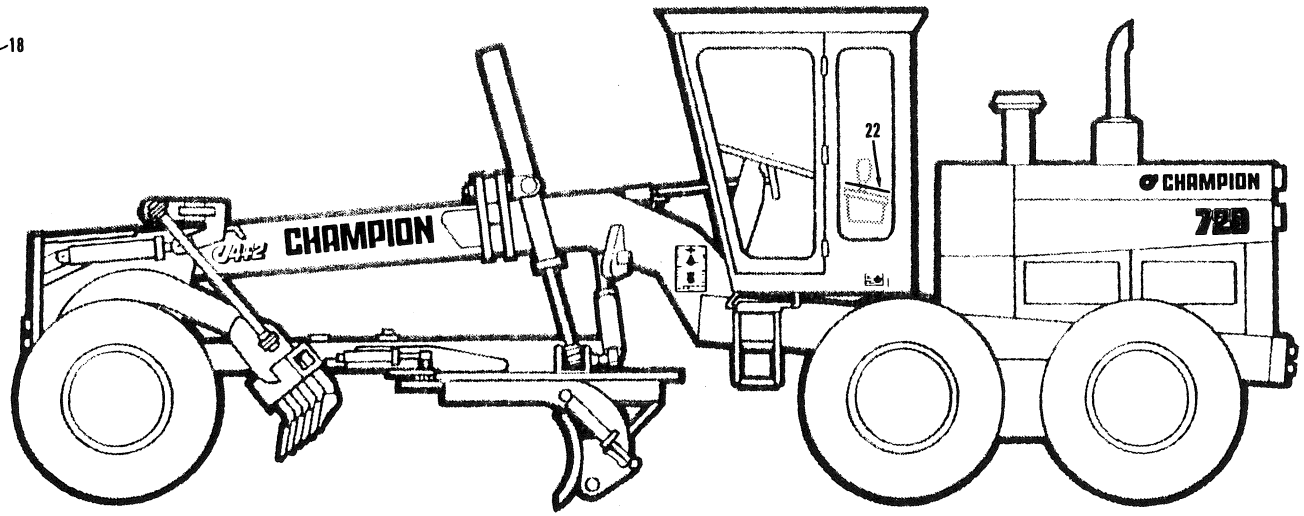












ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION A

DECALS

DECEMBER 1986

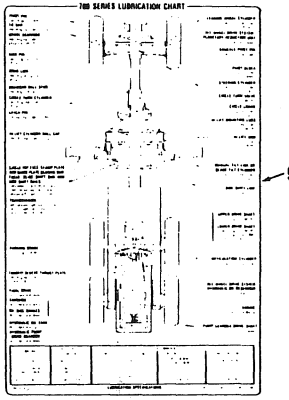
FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	11559	ENGINE COOLANT NOTICE - TRILINGUAL	1	
2	23069	"710"	2	
	24881	"710A"	2	
	23339	"720"	2	
	23340	"720A"	2	
	36938	"730"	2	
	36939	"730A"	2	
	23341	"740"	2	
	23342	"740A"	2	
	23343	"760"	2	
	42313	"760A"	2	
	*44520	"780"	2	
	*44521	"780A"	2	
3	17783	D.R.M.C.O. - RADIATOR	1	
	17785	D.R.M.C.O. - FRAME	2	
4	19543	ARTICULATION WARNING - ENGLISH	2	
	24842	ARTICULATION WARNING - FRENCH	2	
	42462	ARTICULATION WARNING - SPANISH	2	
5	23333	CHAMPION - FRAME	2	
6	23369	CHAMPION - REAR GRILLE	1	
7	24177	CHAMPION - HOOD	2	
8	25747	"MADE IN CANADA"	2	
9	*43531	LUBRICATION CHART - ENGLISH	1	
	*43533	LUBRICATION CHART - FRENCH	1	
	*43532	LUBRICATION CHART - SPANISH	1	
10	30774	"4 + 2" - FRAME	4	
11	30775	"4 + 2" - CONTROLS	1	
12	30791	"ZERO"	1	
13	30792	"MAX."	1	
14	30900	WARNING - ENGLISH	1	ALL WHEEL DRIVE
	42378	WARNING - FRENCH	1	
	42379	WARNING - SPANISH	1	
15	41857	OPERATING INSTRUCTIONS	1	
	42102	OPERATING INSTRUCTIONS - FRENCH	1	
	42103	OPERATING INSTRUCTIONS - SPANISH	1	
16	41566	CLUTCH WARNING - ENGLISH	1	
	41567	CLUTCH WARNING - SPANISH	1	
	41568	CLUTCH WARNING - FRENCH	1	
17	42063	TRANSMISSION WARNING - ENGLISH	1	
	42064	TRANSMISSION WARNING - FRENCH	1	
	42065	TRANSMISSION WARNING - SPANISH	1	
18	*43666	DIFFERENTIAL LOCK/UNLOCK	1	
19	50206	SEATBELT DECAL	1	
20	*45072	D.R.M.C.O. DECAL KIT - ITEMS 3, 4, 8 & 9	A.R.	ENGLISH ONLY
21	*45073	CHAMPION DECAL KIT - ITEMS 4 THRU 9	A.R.	
22		TRANSMISSION CONTROLS DECAL	REF.	SECT. 6 PAGE 1/2

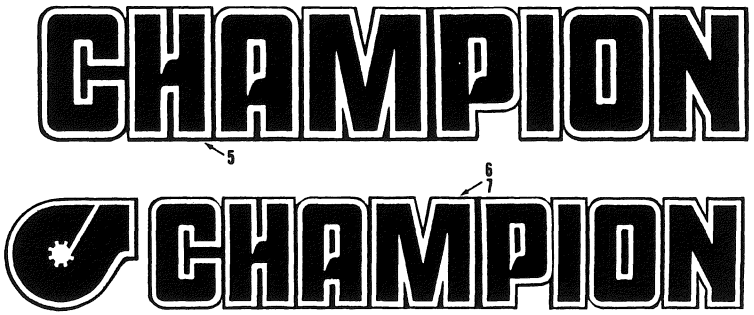
No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS



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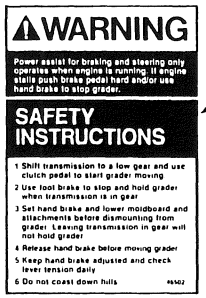


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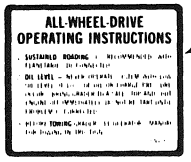
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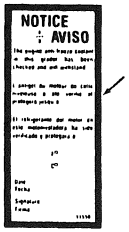
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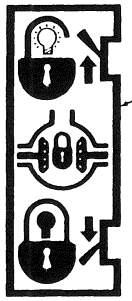
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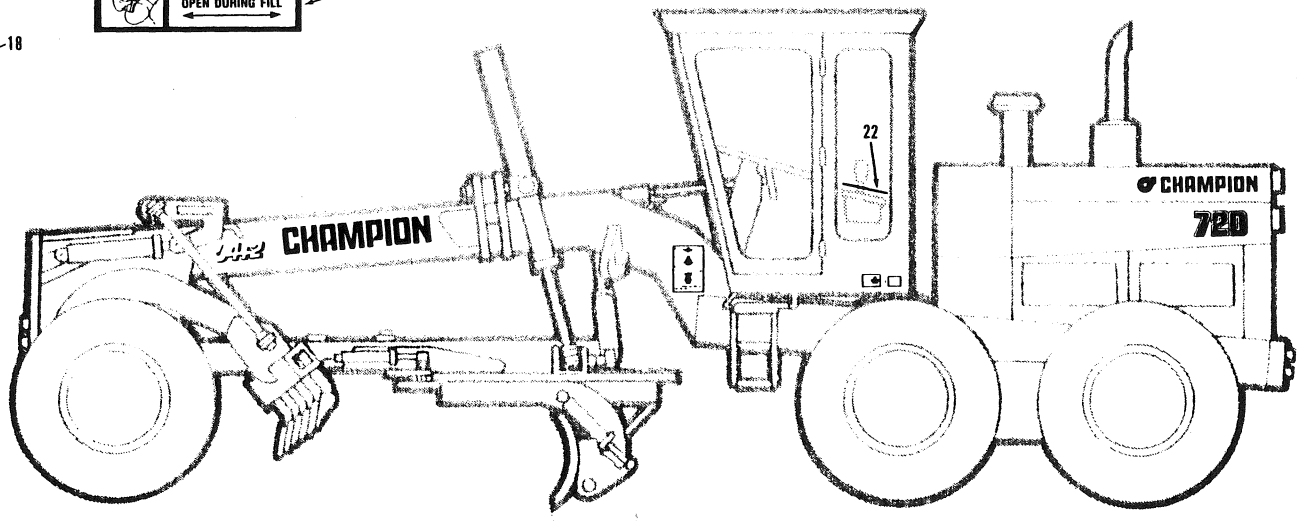
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ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

DECALS

NOVEMBER 1987

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

SECTION / SECCION 11 | PAGE / PAGINA 22 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 3

DECALS

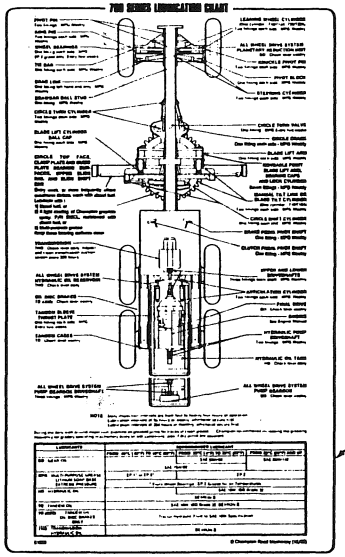
NOVEMBER 1987

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	11559	ENGINE COOLANT NOTICE - TRILINGUAL	1	
2	23069	"710"	2	
	24881	"710A"	2	
	23339	"720"	2	
	23340	"720A"	2	
	36938	"730"	2	
	36939	"730A"	2	
	23341	"740"	2	
	23342	"740A"	2	
	*46247	"750"	2	
	*46248	"750A"	2	
	44520	"780"	2	
	44521	"780A"	2	
3	17783	D.R.M.C.O. - RADIATOR	1	
	17785	D.R.M.C.O. - FRAME	2	
4	19543	ARTICULATION WARNING - ENGLISH	2	
	24842	ARTICULATION WARNING - FRENCH	2	
	42462	ARTICULATION WARNING - SPANISH	2	
5	23333	CHAMPION - FRAME	2	
6	23369	CHAMPION - REAR GRILLE	1	
7	24177	CHAMPION - HOOD	2	
8	25747	"MADE IN CANADA"	1	
9	43531	LUBRICATION CHART - ENGLISH	1	
	43533	LUBRICATION CHART - FRENCH	1	
	43532	LUBRICATION CHART - SPANISH	1	
10	30774	"4 + 2" - FRAME	4	ALL WHEEL DRIVE
11	30775	"4 + 2" - CONTROLS	1	
12	30791	"ZERO"	1	
13	30792	"MAX."	1	
14	30900	WARNING - ENGLISH	1	
	42378	WARNING - FRENCH	1	
	42379	WARNING - SPANISH	1	
15	41857	OPERATING INSTRUCTIONS - ENGLISH	1	
	42102	OPERATING INSTRUCTIONS - FRENCH	1	
	42103	OPERATING INSTRUCTIONS - SPANISH	1	
16	*46499	OPERATORS MANUAL - ENGLISH	1	
	*46500	OPERATORS MANUAL - FRENCH	1	
	*46501	OPERATORS MANUAL - SPANISH	1	
17	*46502	WARNING - SAFETY INSTRUCTIONS - ENGLISH	1	
	*46503	WARNING - SAFETY INSTRUCTIONS - SPANISH	1	
	*46504	WARNING - SAFETY INSTRUCTIONS - FRENCH	1	
18	43666	DIFFERENTIAL LOCK/UNLOCK	1	
19	45072	D.R.M.C.O. DECAL KIT - ITEMS 3, 4, 8 & 9	A.R.	ENGLISH ONLY
20	45073	CHAMPION DECAL KIT - ITEMS 4 THRU 9	A.R.	
21	*46629	ENGINE DE-AERATING - DECAL	1	720 THRU 730A
22		TRANSMISSION CONTROLS DECAL	REF.	SECT. 6 PAGE 1/2

EFFECTIVE SERIAL NUMBER(S) 19084 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)



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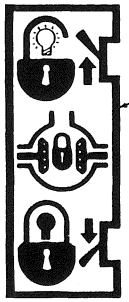
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3



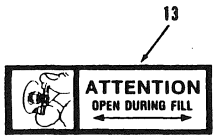
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12



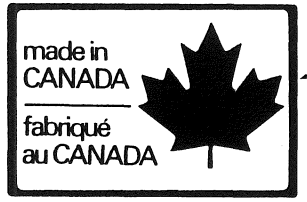
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13



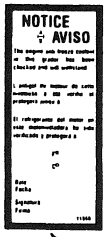
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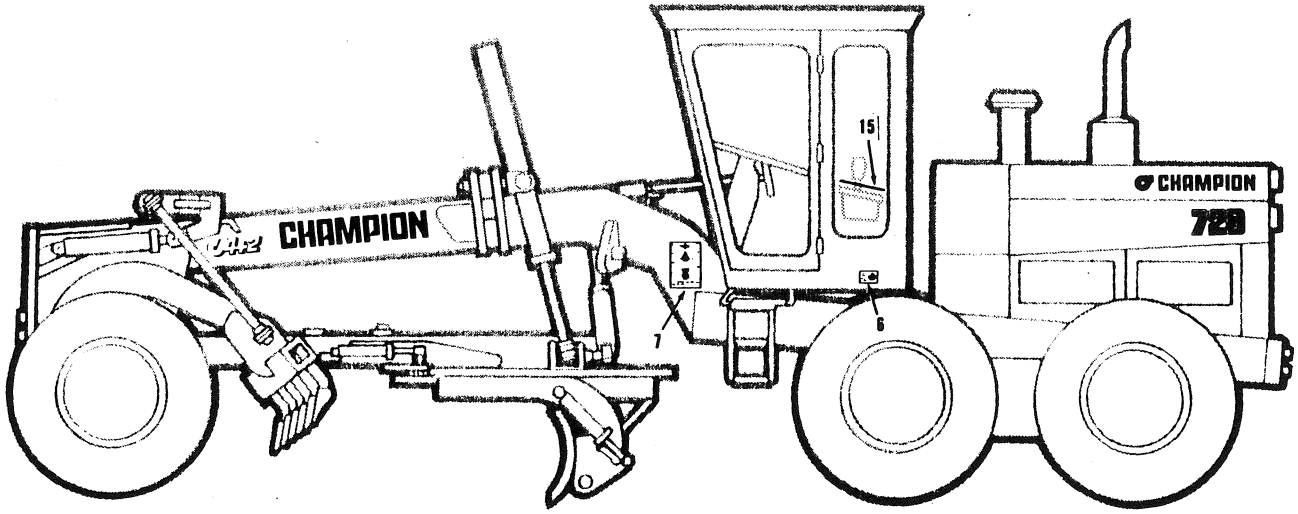
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2



1



USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

700 SERIES
SERIE 700

SECTION 11 PAGE 21
SECCION 11 PAGINA 21

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

DECALS

JULY 1989

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	11559	ENGINE COOLANT NOTICE - TRILINGUAL	1	
2	23069	"710"	2	
	24881	"710A"	2	
	23339	"720"	2	
	23340	"720A"	2	
	36938	"730"	2	
	36939	"730A"	2	
	23341	"740"	2	
	23342	"740A"	2	
	46247	"750"	2	
	46248	"750A"	2	
	44520	"780"	2	
	44521	"780A"	2	
3	23333	CHAMPION - FRAME	2	
4	23369	CHAMPION - REAR GRILLE	1	
5	24177	CHAMPION - HOOD	2	
6	25747	"MADE IN CANADA"	1	
7	*51569	LUBRICATION CHART - ENGLISH	1	
	*53468	LUBRICATION CHART - FRENCH	1	
	*53030	LUBRICATION CHART - SPANISH	1	
8	30774	"4 + 2" - FRAME	4	ALL WHEEL DRIVE
9	30775	"4 + 2" - CONTROLS	1	
10	30791	"ZERO"	1	
11	30792	"MAX"	1	
12	43666	DIFFERENTIAL LOCK/UNLOCK	1	
13	46629	ENGINE DE-AERTING - DECAL	1	720 thru 730A
14	*49569	12 VOLT	1	
15		TRANSMISSION CONTROLS DECAL	REF.	SECTION 6 PAGE 2
	45073	CHAMPION DECAL KIT - ITEMS 3 THRU 7	A.R.	ENGLISH ONLY

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

19982, 19984, 19985, 19996,
20005, 20104, 20106, 20120
& UP

700 SERIES
SERIE 700

SECTION 11 PAGE 21
SECCION 11 PAGINA 21

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

CHAMPION 8

CHAMPION 9

730 A 10
Series III

4+2 12 13

made in CANADA
fabriqué au CANADA
2

ATTENTION
OPEN DURING FILL
4

3

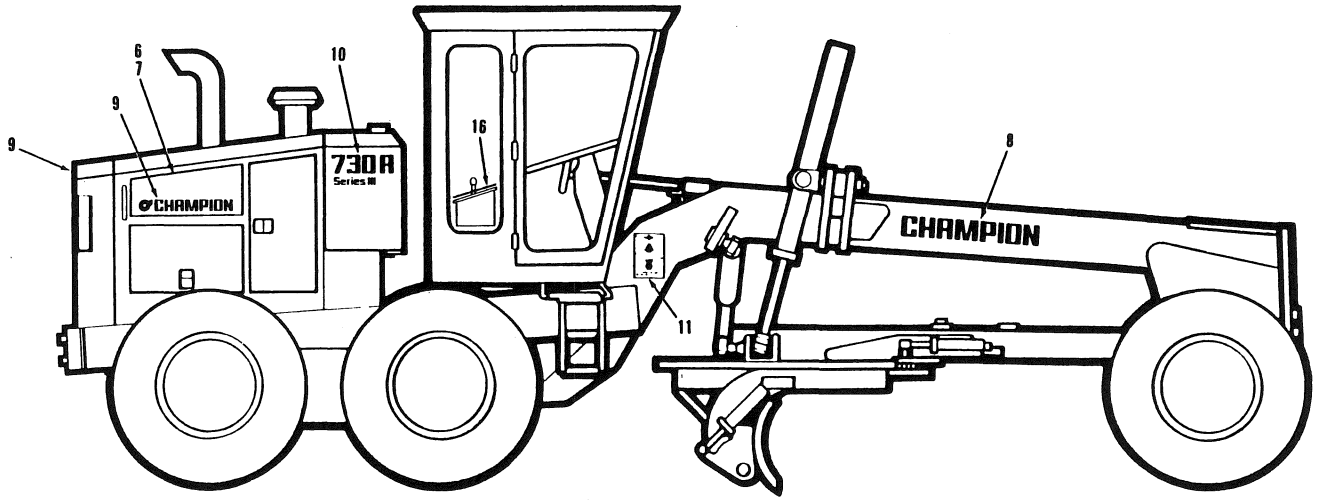
MAX
0
MAX
43189
17

700 SERIES LUBE CHART
11

15
MAX.
ZERO
14

NOTICE
AVISO
1

12 VOLT
5



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5

DECALS

JANUARY 1990

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	11559	ENGINE COOLANT NOTICE - TRILINGUAL	1	
2	25747	"MADE IN CANADA"	1	
3	43666	DIFFERENTIAL LOCK/UNLOCK	1	
4	46629	ENGINE DE-AERTING	1	720 thru 730A
5	49569	12 VOLT	1	
6	*52902	PIN STRIPE - L.H.	1	
7	*52903	PIN STRIPE - R.H.	1	
8	54710	CHAMPION - FRAME	2	
9	*54711	CHAMPION - REAR GRILLE & SIDE	3	SEE NOTE 1
	*54712	"710A" SERIES III	2	SEE NOTE 2
	*54713	"720A" SERIES III	2	
	*54714	"730A" SERIES III	2	
10	*54715	"740A" SERIES III	2	
	*54716	"750A" SERIES III	2	
	*54717	"780A" SERIES III	2	
	*54923	LUBRICATION CHART - ENGLISH	1	
11	*54924	LUBRICATION CHART - SPANISH	1	
	*54925	LUBRICATION CHART - FRENCH	1	
12	30775	"4 + 2" - CONTROLS	1	ALL WHEEL DRIVE
13	*55306	"4 + 2" - FRAMES	4	
14	30791	"ZERO"	1	
15	30792	"MAX"	1	
16		TRANSMISSION CONTROLS	REF.	SECTION 6 PAGE 2
17	*43189	ARTICULATION INDICATOR	1	SECTION 1 PAGE 22
	NOTE 1:	FOR REAR GRILLE REMOVE GEAR SYMBOL		
	NOTE 2:	FOR RIGID MACHINES REMOVE LETTER A		

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS

CHAMPION

CHAMPION

730A

Series III

4+2

made in CANADA
fabriqué au CANADA

NOTICE
AVISO

MAX
0
MAX

MAX.

ZERO

12 VOLT

ATTENTION
OPEN DURING FILL

LUBRICATION CHART

LUBRICANT SPECIFICATIONS

In case of difficulty in obtaining Parts or Service for your motor grader, please contact Champion Road Machinery, Goderich, Ontario, Canada.

Telephone: 519-524-2601
Telefax: 519-524-5175
Telex: 069-55175 CHAMPARTS GDCH

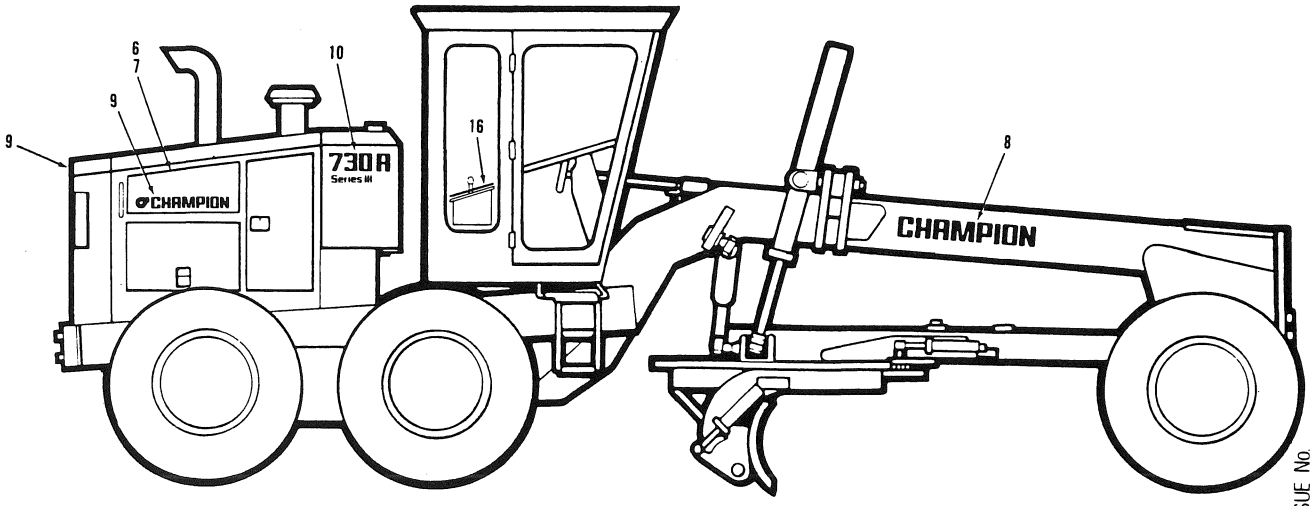
Si des difficultés surgissent durant l'action de procurer des pièces de rechange ou de service pour votre niveleuse, S.V.P. adressez-vous à Champion Road Machinery, Goderich, Ontario, Canada.

Téléphone: 519-524-2601
Télécopieur: 519-524-5175
Télex: 069-55175 CHAMPARTS GDCH

En el caso de las dificultades cuando Usted obtene los repuestos o el servicio para su motoniveladora, los números para ponerse en contacto con Champion Road Machinery, Goderich, Ontario, Canada, son:

Teléfono: 519-524-2601
Telefax: 519-524-5175
Telex: 069-55175 CHAMPARTS GDCH

57163



CHAMPION ROAD MACHINERY

DECALS

OCTOBER 1990

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No. 6
Nº D'ÉMISSION
Nº DE EDICION

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
21078 & UP

SECTION / SECCION 11 | PAGE / PAGINA 22 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 6

DECALS

OCTOBER 1990

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	11559	ENGINE COOLANT NOTICE - TRILINGUAL	1	
2	25747	"MADE IN CANADA"	1	
3	43666	DIFFERENTIAL LOCK/UNLOCK	1	
4	46629	ENGINE DE-AERATING	1	720 thru 730A
5	49569	12 VOLT	1	
6	52902	PIN STRIPE - L.H.	1	
7	52903	PIN STRIPE - R.H.	1	
8	54710	CHAMPION - FRAME	2	
9	54711	CHAMPION - REAR GRILLE & SIDE	3	SEE NOTE 1
10	54712	"710A" SERIES III	2	SEE NOTE 2
	54713	"720A" SERIES III	2	
	54714	"730A" SERIES III	2	
	54715	"740A" SERIES III	2	
	54716	"750A" SERIES III	2	
	54717	"780A" SERIES III	2	
11	*38648	LUBRICATION CHART - ENGLISH	1	
	*38649	LUBRICATION CHART - FRENCH	1	
	*38650	LUBRICATION CHART - SPANISH	1	
12	30775	"4 + 2" - CONTROLS	1	ALL WHEEL DRIVE
13	55306	"4 + 2" - FRAMES	4	
14	30791	"ZERO"	1	
15	30792	"MAX"	1	
16		TRANSMISSION CONTROLS	REF.	Sect 6 Pg 1
17	43189	ARTICULATION INDICATOR	1	Sect 1 Pg 21
18	*57163	CHAMPION PHONE NUMBER DECAL	1	
	NOTE 1:	FOR REAR GRILLE REMOVE GEAR SYMBOL		
	NOTE 2:	FOR RIGID MACHINES REMOVE LETTER A		

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS

CHAMPION

CHAMPION

730A Series III

4+2

made in CANADA
fabriqué au CANADA

NOTICE
AVISO

LUBRICATION CHART

LUBRICANT SPECIFICATIONS

MAX.
ZERO

MAX
0
MAX
43189

12 VOLT

ATTENTION
OPEN DURING FILL

In case of difficulty in obtaining Parts or Service for your motor grader please contact Champion Road Machinery, Goderich, Ontario, Canada

Telephone 519 524 2601
Telefax 519 524 5175
Telex 069 55175 CHAMPARTS GDCH

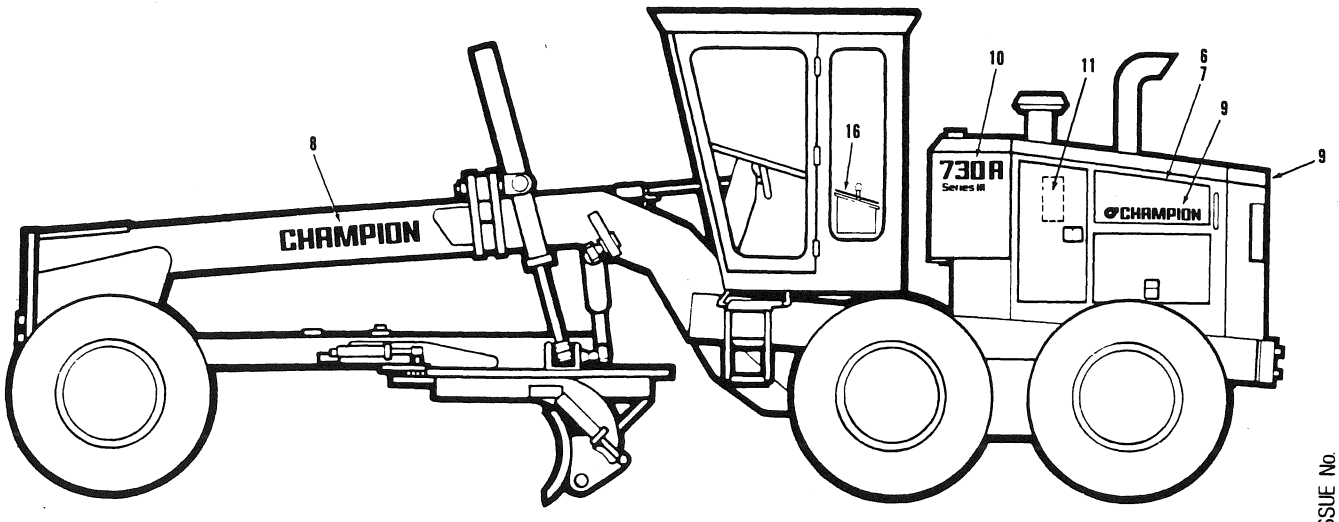
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Telefax 519 524 5175
Telex 069 55175 CHAMPARTS GDCH

5711-3



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ISSUE No. 7
Nº D'ÉMISSION
Nº DE EDICION

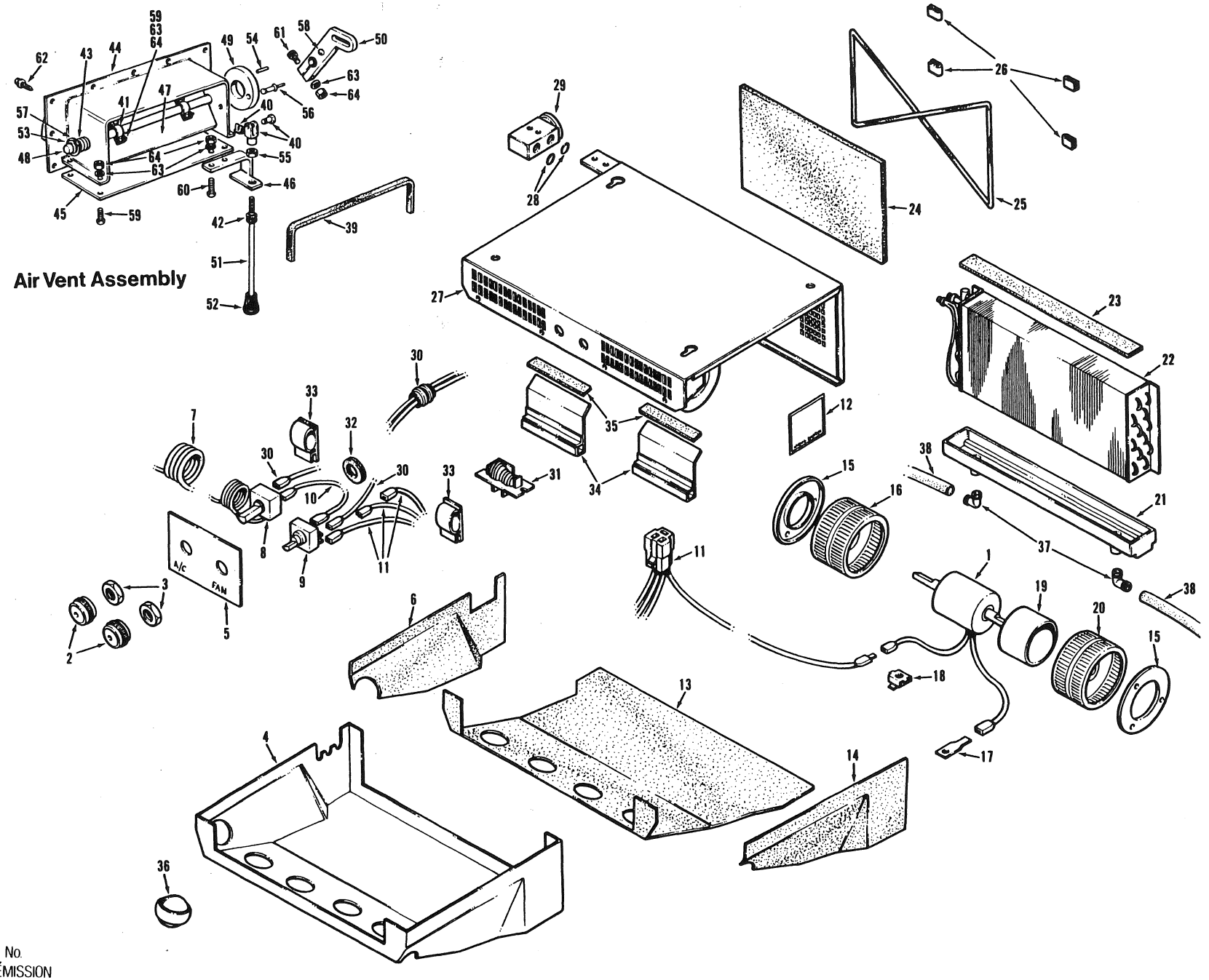
SECTION / SECCION 11 | PAGE / PAGINA 22 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 7

DECALS

FEBRUARY 1991

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	11559	ENGINE COOLANT NOTICE - TRILINGUAL	1	
2	25747	"MADE IN CANADA"	1	
3	43666	DIFFERENTIAL LOCK/UNLOCK	1	
4	46629	ENGINE DE-AERATING	1	720 thru 730A
5	49569	12 VOLT	1	
6	52902	PIN STRIPE - L.H.	1	
7	52903	PIN STRIPE - R.H.	1	
8	54710	CHAMPION - FRAME	2	
9	54711	CHAMPION - REAR GRILLE & SIDE	3	SEE NOTE 1
10	54712	"710A" SERIES III	2	SEE NOTE 2
	54713	"720A" SERIES III	2	
	54714	"730A" SERIES III	2	
	54715	"740A" SERIES III	2	
	54716	"750A" SERIES III	2	
	54717	"780A" SERIES III	2	
11	*57685	LUBRICATION CHART - ENGLISH	1	
	*57686	LUBRICATION CHART - FRENCH	1	
	*57687	LUBRICATION CHART - SPANISH	1	
12	30775	"4 + 2" - CONTROLS	1	ALL WHEEL DRIVE
13	55306	"4 + 2" - FRAMES	4	
14	30791	"ZERO"	1	
15	30792	"MAX"	1	
16		TRANSMISSION CONTROLS	REF.	Sect 6 Pg 1
17	43189	ARTICULATION INDICATOR	1	Sect 1 Pg 21
18	57163	CHAMPION PHONE NUMBER DECAL	1	
	NOTE 1:	FOR REAR GRILLE REMOVE GEAR SYMBOL		
	NOTE 2:	FOR RIGID MACHINES REMOVE LETTER A		

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION
1 REVISION A

AIR CONDITIONER & AIR VENT ASSEMBLY

APRIL 1990

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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

16224, 16245 & UP

U.S. 2021-2 to 2658-2

700 SERIES
SERIE 700

SECTION 11 PAGE 23
SECCION 11 PAGINA 23

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

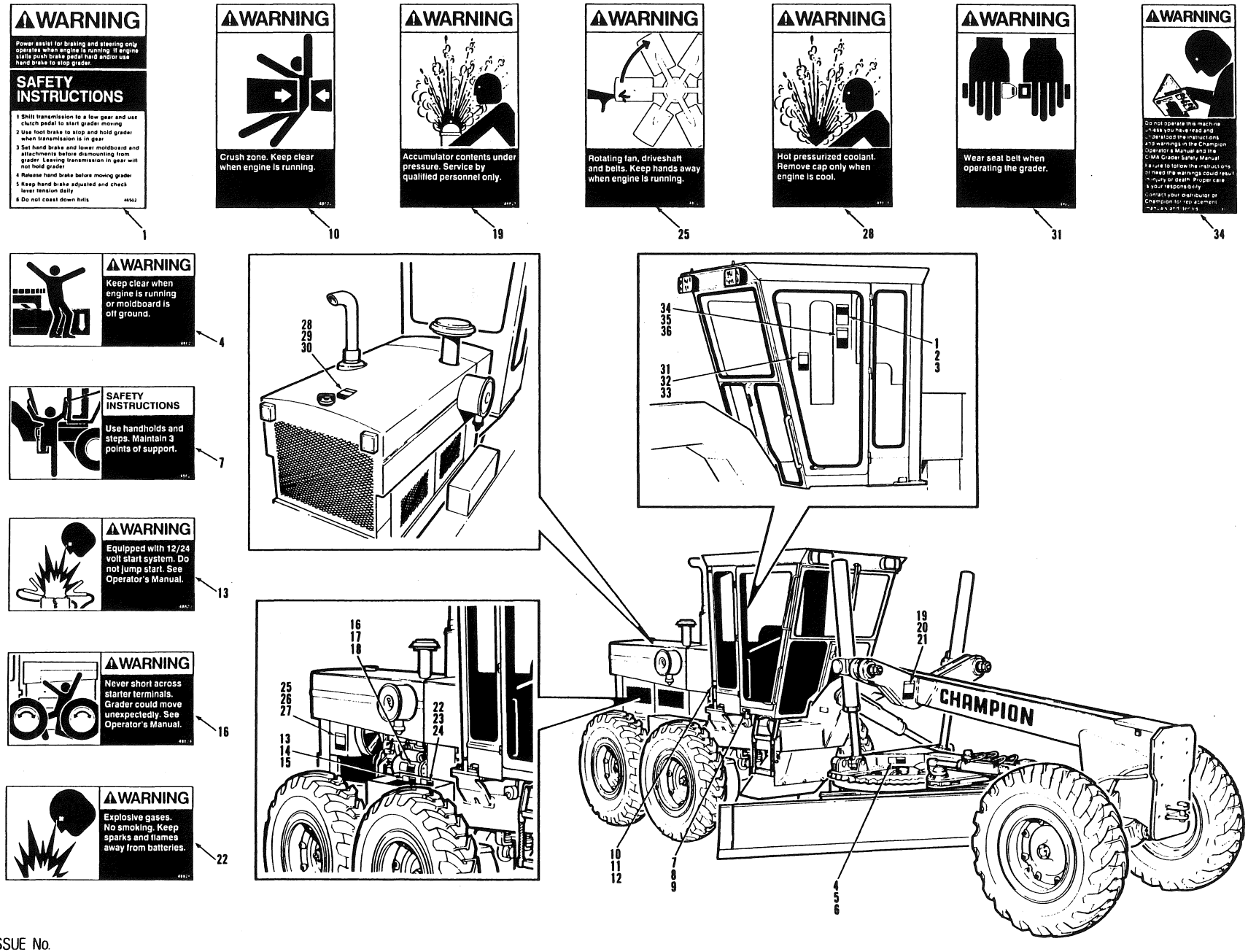
SECTION / SECCION 11 | PAGE / PAGINA 24 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 1 REVISION A

AIR CONDITIONER & AIR VENT ASSEMBLY

APRIL 1990

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	*52049	AIR CONDITIONER - 12 VOLT - INCLUDES ITEMS 1 TO 38		
	*55056	AIR CONDITIONER - 24 VOLT - INCLUDES ITEMS 1 TO 38		
1	37327	MOTOR - 12 VOLT	1	
	*56863	MOTOR - 24 VOLT	1	
2	37328	CONTROL KNOB	2	
3	37329	CONTROL NUT	2	
4	37330	COVER	1	
5	37331	CONTROL DECAL	1	
6	37332	GASKET - COVER SIDE	1	
7	37333	INSULATION TUBING	1	
8	37334	COLD CONTROL	1	
9	37335	SWITCH - FAN	1	
10	37336	WIRE ASSEMBLY	1	
11	37337	WIRE HARNESS	1	
12	37339	WIRE DIAGRAM	1	
13	37340	COVER GASKET	1	
14	37341	GASKET - SIDE COVER	1	
15	37342	FOIL	1	
16	37343	WHEEL - BLOWER	1	
17	37344	TERMINAL	1	
18	37345	CAGE NUT	1	
19	37346	INSULATOR - MOTOR	1	
20	37347	WHEEL - BLOWER	1	
21	37348	PAN, DRAIN ASSEMBLY	1	
22	37349	COIL	1	
23	37350	GASKET - COIL	1	
24	37351	FILTER	1	
25	37352	CORD - FILTER	1	
26	37353	CLIP - CORD	4	
27	37354	WELDMENT - CASE	1	
28	37355	O RING	2	
29	37356	BLOCK VALVE	1	
30	37357	WIRE HARNESS	1	
31	37358	RESISTOR	1	
32	37359	GROMMET	1	
33	37360	CLIP - WIRE	2	
34	37361	WELDMENT - DEFLECTOR	2	
35	37362	GASKET - DEFLECTOR	2	
36	37363	BALL LOUVER	6	
37	37364	90° ELBOW	2	
38	50042 x 27	DRAIN HOSE	2	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		AIR VENT INSTALLATION		
39	19176	WEATHER STRIP	1	
40	23544	CLEVIS ASSEMBLY C/W PIN AND CLIP RING	1	
41	23657	CLAMP	2	
42	27846	GROMMET	1	
43	34561	SPRING	1	
44	41386	AIR VENT HOUSING	1	
45	41387	COVER PLATE	1	
46	41388	CONTROL ROD LOCATOR	1	
47	41389	AIR VENT LOUVER	1	
48	41390	LOWER PIVOT ROD	1	
49	41391	LOCATING RING	1	
50	41392	PIVOT ARM	1	
51	41393	CONTROL ROD	1	
52	41395	KNOB	1	
53	19A-037	RETAINING RING	1	
54	13C-0416	ROLL PIN	2	
55	31A-04	NUT	1	
56	75A-068	POP RIVET	2	
57	14C-06	FLATWASHER	1	
58	55A-0803	DRIVE SCREW	1	
59	52L-1004	SCREW	7	
60	52L-1006	SCREW	2	
61	52D-1008	BOLT	1	
62	62A-1006	SCREW	9	
63	14F-10	LOCKWASHER	8	
64	32A-10	NUT	8	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1

SAFETY SIGN LABELS

JUNE 1988

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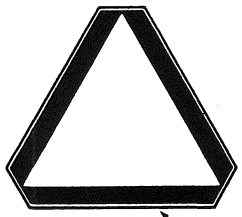
SECTION / SECCION 11 | PAGE / PAGINA 26 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 1

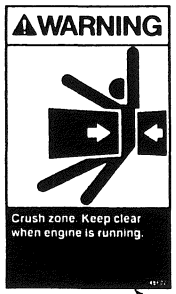
SAFETY SIGN LABELS

JUNE 1988

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	46502	WARNING - SAFETY INSTRUCTIONS - ENGLISH	1	
2	46503	WARNING - SAFETY INSTRUCTIONS - SPANISH	1	
3	46504	WARNING - SAFETY INSTRUCTIONS - FRENCH	1	
4	*48620	WARNING - CIRCLE & MOLDBOARD - ENGLISH	3	
5	*48820	WARNING - CIRCLE & MOLDBOARD - FRENCH	3	
6	*48831	WARNING - CIRCLE & MOLDBOARD - SPANISH	3	
7	*48621	SAFETY INSTRUCTIONS - USE HANDHOLDS - ENG.	2	
8	*48821	SAFETY INSTRUCTIONS - USE HANDHOLDS - FR.	2	
9	*48832	SAFETY INSTRUCTIONS - USE HANDHOLDS - SP.	2	
10	*48622	WARNING - CRUSH ZONE - ENGLISH	2	
11	*48824	WARNING - CRUSH ZONE - FRENCH	2	
12	*48835	WARNING - CRUSH ZONE - SPANISH	2	
13	*48623	WARNING - EQUIPPED WITH 12/24 VOLT - ENG.	2	
14	*48822	WARNING - EQUIPPED WITH 12/24 VOLT - FR.	2	
15	*48833	WARNING - EQUIPPED WITH 12/24 VOLT - SP.	2	
16	*48624	WARNING - NEVER SHORT STARTER - ENGLISH	1	
17	*48823	WARNING - NEVER SHORT STARTER - FRENCH	1	
18	*48834	WARNING - NEVER SHORT STARTER - SPANISH	1	
19	*48625	WARNING - ACCUMULATOR - ENGLISH	A.R.	
20	*48827	WARNING - ACCUMULATOR - FRENCH	A.R.	
21	*48838	WARNING - ACCUMULATOR - SPANISH	A.R.	
22	*48626	WARNING - EXPLOSIVE GASES - ENGLISH	A.R.	
23	*48828	WARNING - EXPLOSIVE GASES - FRENCH	A.R.	
24	*48839	WARNING - EXPLOSIVE GASES - SPANISH	A.R.	
25	*48627	WARNING - ROTATING FAN - ENGLISH	2	
26	*48829	WARNING - ROTATING FAN - FRENCH	2	
27	*48840	WARNING - ROTATING FAN - SPANISH	2	
28	*48628	WARNING - HOT PRESSURIZED COOLANT - ENG.	1	
29	*48830	WARNING - HOT PRESSURIZED COOLANT - FR.	1	
30	*48841	WARNING - HOT PRESSURIZED COOLANT - SP.	1	
31	*48629	WARNING - WEAR SEAT BELT - ENGLISH	1	
32	*48825	WARNING - WEAR SEAT BELT - FRENCH	1	
33	*48836	WARNING - WEAR SEAT BELT - SPANISH	1	
34	*48630	WARNING - DO NOT OPERATE - ENGLISH	1	
35	*48826	WARNING - DO NOT OPERATE - FRENCH	1	
36	*48837	WARNING - DO NOT OPERATE - SPANISH	1	
	*49830	SAFETY SIGN LABEL KIT - ENGLISH	1	
	*49831	SAFETY SIGN LABEL KIT - FRENCH	1	
	*49832	SAFETY SIGN LABEL KIT - SPANISH	1	

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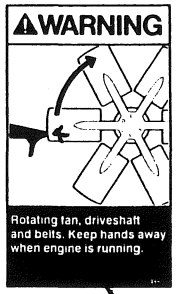




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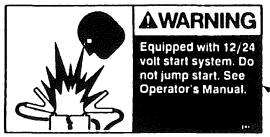
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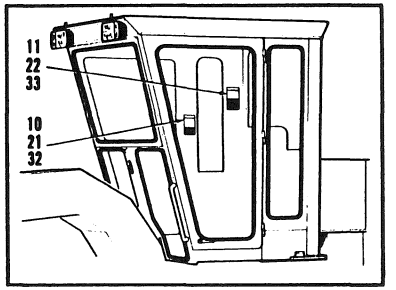
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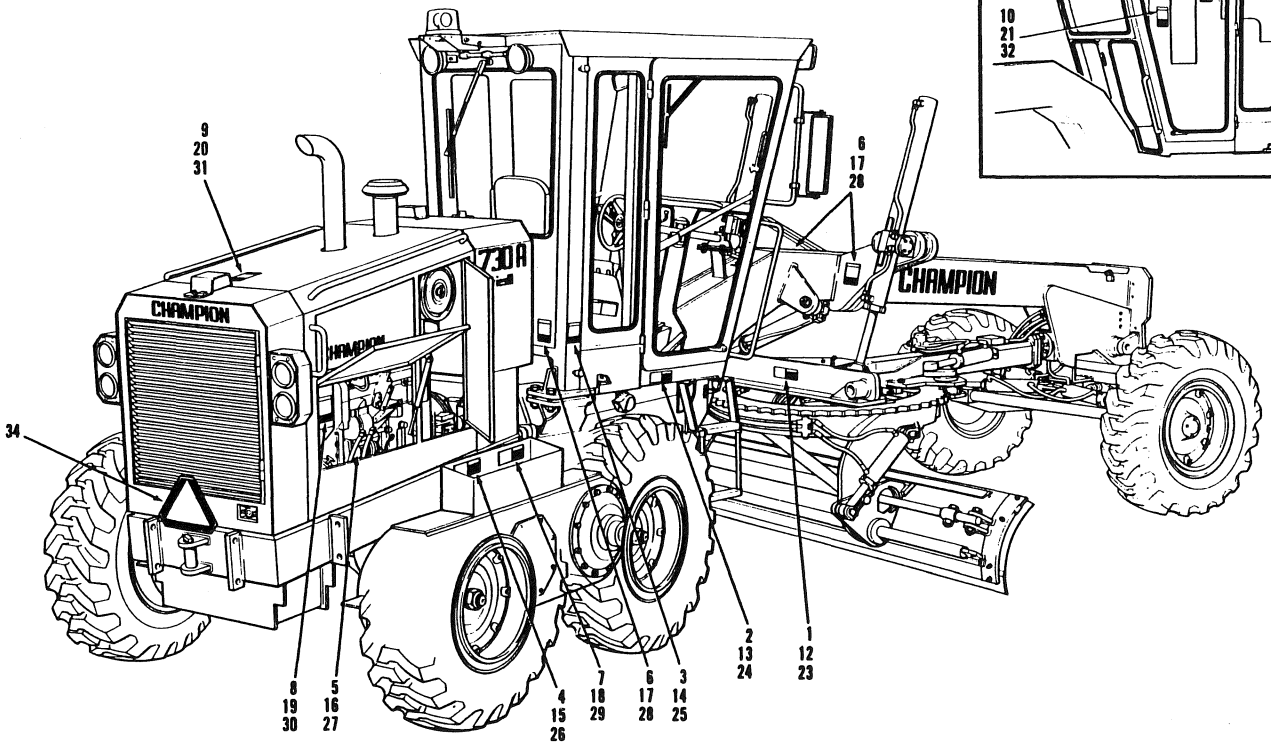


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ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2

SAFETY SIGNS

FEBRUARY 1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

700 SERIES
SERIE 700

SECTION 11 PAGE 25
SECCION 11 PAGINA 25

USE ONLY CHAMPION APPROVED PARTS

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		ENGLISH		
1	48620	WARNING - CIRCLE & MOLDBOARD	3	
2	48621	SAFETY INSTRUCTIONS - USE HANDHOLDS	2	
3	48622	WARNING - CRUSH ZONE	2	
4	48623	WARNING - EQUIPPED WITH 12/24 VOLT	2	
5	48624	WARNING - NEVER SHORT STARTER	1	
6	48625	WARNING - ACCUMULATOR	2, 4, or 5	
7	48626	WARNING - EXPLOSIVE GASES	1 or 2	
8	48627	WARNING - ROTATING FAN	2	
9	48628	WARNING - HOT PRESSURIZED COOLANT	1	
10	48629	WARNING - WEAR SEAT BELT	1	
11	48630	WARNING - DO NOT OPERATE	1	
		ENGLISH/FRENCH		
12	53728	WARNING - CIRCLE & MOLDBOARD	3	
13	53729	SAFETY INSTRUCTIONS - USE HANDHOLDS	2	
14	53730	WARNING - CRUSH ZONE	2	
15	53731	WARNING - EQUIPPED WITH 12/24 VOLT	2	
16	53732	WARNING - NEVER SHORT STARTER	1	
17	53733	WARNING - ACCUMULATOR	2, 4, or 5	
18	53734	WARNING - EXPLOSIVE GASES	1 or 2	
19	53735	WARNING - ROTATING FAN	2	
20	53736	WARNING - HOT PRESSURIZED COOLANT	1	
21	53737	WARNING - WEAR SEAT BELT	1	
22	53738	WARNING - DO NOT OPERATE	1	
		ENGLISH/SPANISH		
23	53739	WARNING - CIRCLE & MOLDBOARD	3	
24	53740	SAFETY INSTRUCTIONS - USE HANDHOLDS	2	
25	53741	WARNING - CRUSH ZONE	2	
26	53742	WARNING - EQUIPPED WITH 12/24 VOLT	2	
27	53743	WARNING - NEVER SHORT STARTER	1	
28	53744	WARNING - ACCUMULATOR	2, 4, or 5	
29	53745	WARNING - EXPLOSIVE GASES	1 or 2	
30	53746	WARNING - ROTATING FAN	2	
31	53747	WARNING - HOT PRESSURIZED COOLANT	1	
32	53748	WARNING - WEAR SEAT BELT	1	
33	53749	WARNING - DO NOT OPERATE	1	
34	*51484	SLOW MOVING VEHICLE SIGN	1	
	*38292	SAFETY SIGN KIT - ENGLISH	1	
	*38293	SAFETY SIGN KIT - ENGLISH/FRENCH	1	
	*38294	SAFETY SIGN KIT - ENGLISH/SPANISH	1	

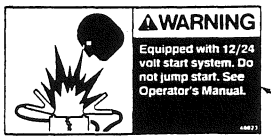
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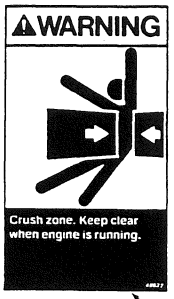
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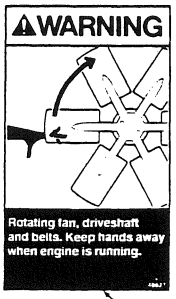
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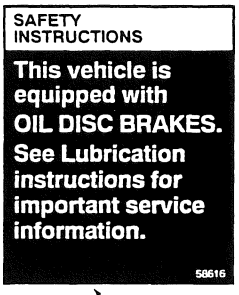
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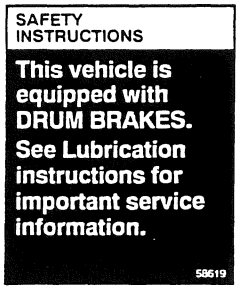
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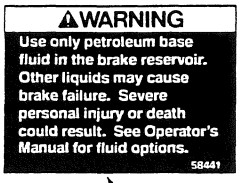
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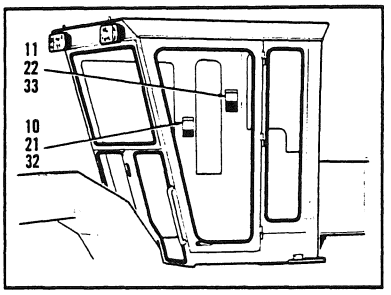
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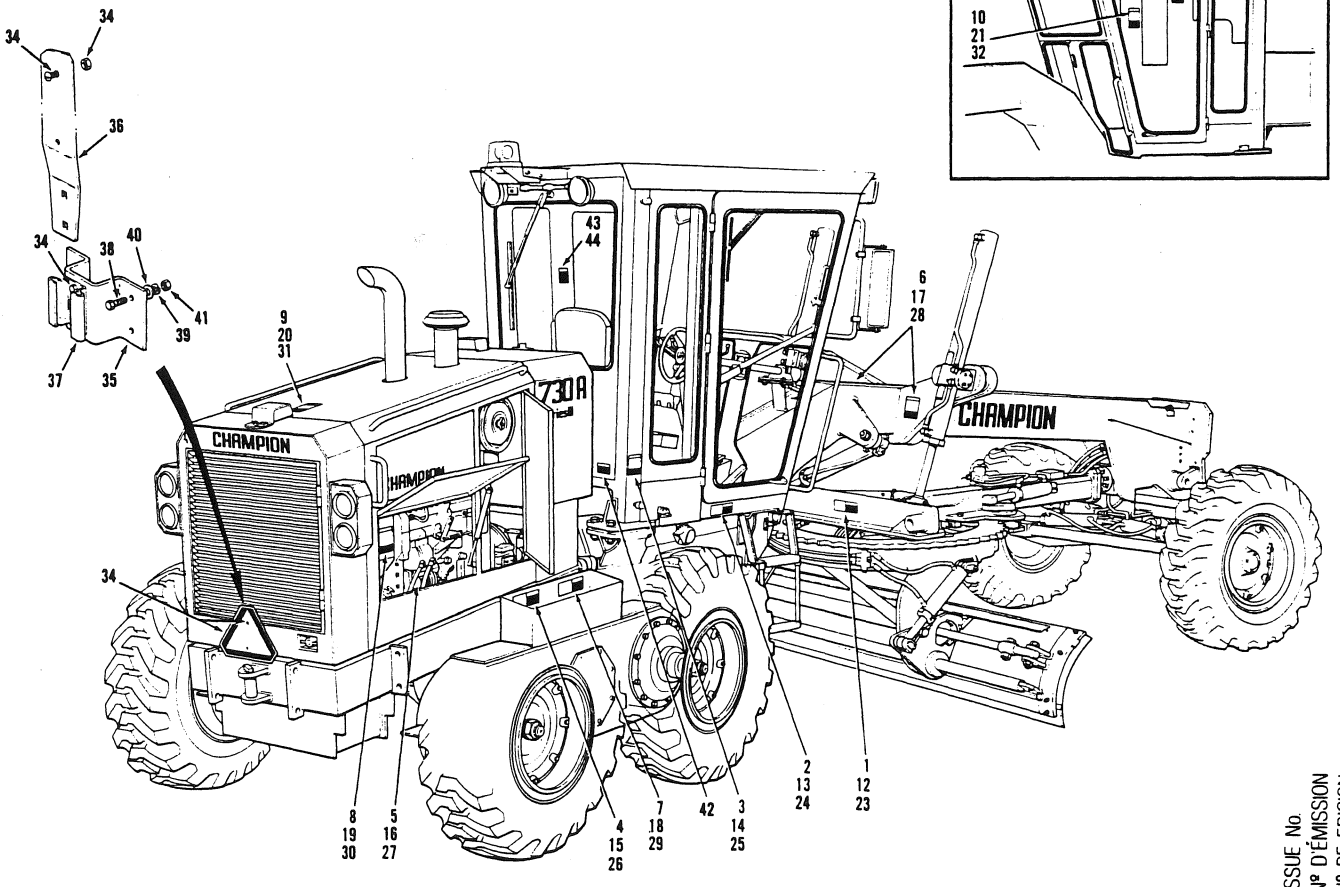


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42





SAFETY SIGNS

3 REVISION A

ISSUE No
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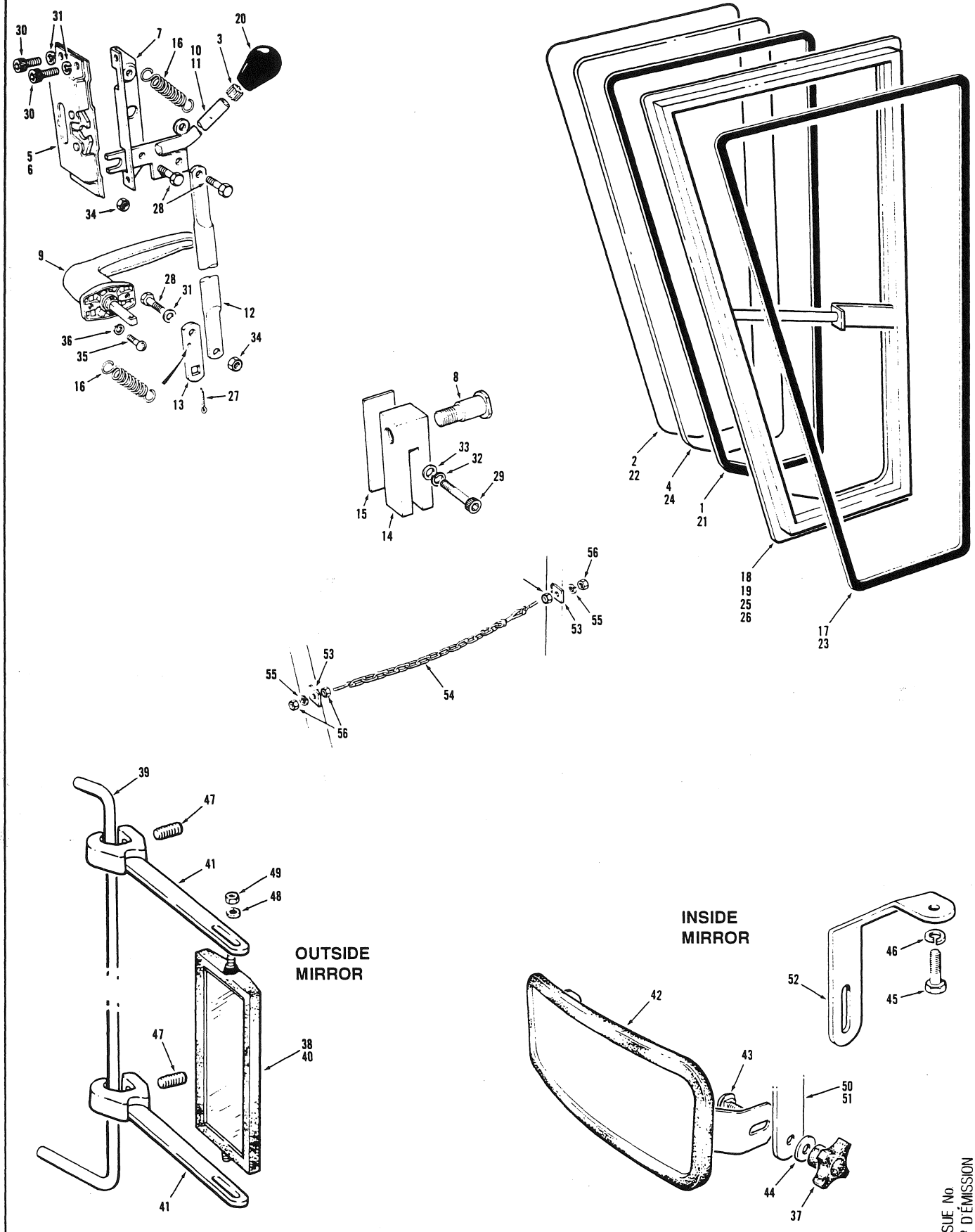
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

SAFETY SIGNS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		ENGLISH		
1	48620	WARNING - CIRCLE & MOLDBOARD	3	
2	48621	SAFETY INSTRUCTIONS - USE HANDHOLDS	2	
3	48622	WARNING - CRUSH ZONE	2	
4	48623	WARNING - EQUIPPED WITH 12/24 VOLT	2	
5	48624	WARNING - NEVER SHORT STARTER	1	
6	48625	WARNING - ACCUMULATOR	2 or 3	
7	48626	WARNING - EXPLOSIVE GASES	1 or 2	
8	48627	WARNING - ROTATING FAN	2	
9	48628	WARNING - HOT PRESSURIZED COOLANT	1	
10	48629	WARNING - WEAR SEAT BELT	1	
11	48630	WARNING - DO NOT OPERATE	1	
		ENGLISH/FRENCH		
12	53728	WARNING - CIRCLE & MOLDBOARD	3	
13	53729	SAFETY INSTRUCTIONS - USE HANDHOLDS	2	
14	53730	WARNING - CRUSH ZONE	2	
15	53731	WARNING - EQUIPPED WITH 12/24 VOLT	2	
16	53732	WARNING - NEVER SHORT STARTER	1	
17	53733	WARNING - ACCUMULATOR	2 or 3	
18	53734	WARNING - EXPLOSIVE GASES	1 or 2	
19	53735	WARNING - ROTATING FAN	2	
20	53736	WARNING - HOT PRESSURIZED COOLANT	1	
21	53737	WARNING - WEAR SEAT BELT	1	
22	53738	WARNING - DO NOT OPERATE	1	
		ENGLISH/SPANISH		
23	53739	WARNING - CIRCLE & MOLDBOARD	3	
24	53740	SAFETY INSTRUCTIONS - USE HANDHOLDS	2	
25	53741	WARNING - CRUSH ZONE	2	
26	53742	WARNING - EQUIPPED WITH 12/24 VOLT	2	
27	53743	WARNING - NEVER SHORT STARTER	1	
28	53744	WARNING - ACCUMULATOR	2 or 3	
29	53745	WARNING - EXPLOSIVE GASES	1 or 2	
30	53746	WARNING - ROTATING FAN	2	
31	53747	WARNING - HOT PRESSURIZED COOLANT	1	
32	53748	WARNING - WEAR SEAT BELT	1	
33	53749	WARNING - DO NOT OPERATE	1	
34	51484	**SLOW MOVING VEHICLE SIGN**	1	
35	*38715	BRACKET	1	
36	*57043	BRACKET	1	
37	*57044	SOCKET	1	
38	*50A-0404	BOLT	4	
39	*14A-04	LOCKWASHER	4	
40	*14C-04	FLATWASHER	4	
41	*30A-04	NUT	4	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
42	58441	WARNING - OIL DISC BRAKES - ENGLISH	1	
	58442	WARNING - OIL DISC BRAKES - FRENCH	1	
	58443	WARNING - OIL DISC BRAKES - SPANISH	1	
43	58616	SAFETY INSTRUCTIONS - OIL DISC BRAKES - ENGLISH	2	
	58617	SAFETY INSTRUCTIONS - OIL DISC BRAKES - FRENCH	2	
	58618	SAFETY INSTRUCTIONS - OIL DISC BRAKES - SPANISH	2	
44	58619	SAFETY INSTRUCTIONS - DRUM BRAKES - ENGLISH	2	
	58620	SAFETY INSTRUCTIONS - DRUM BRAKES - FRENCH	2	
	58621	SAFETY INSTRUCTIONS - DRUM BRAKES - SPANISH	2	
	38292	**SAFETY SIGN KIT** - ENGLISH	1	
	38293	**SAFETY SIGN KIT** - ENGLISH/FRENCH	1	
	38294	**SAFETY SIGN KIT** - ENGLISH/SPANISH	1	



CHAMPION ROAD MACHINERY

CAB DOORS & MIRRORS

DECEMBER 1991

1 REVISION A

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

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21277 TO21280 & 21282

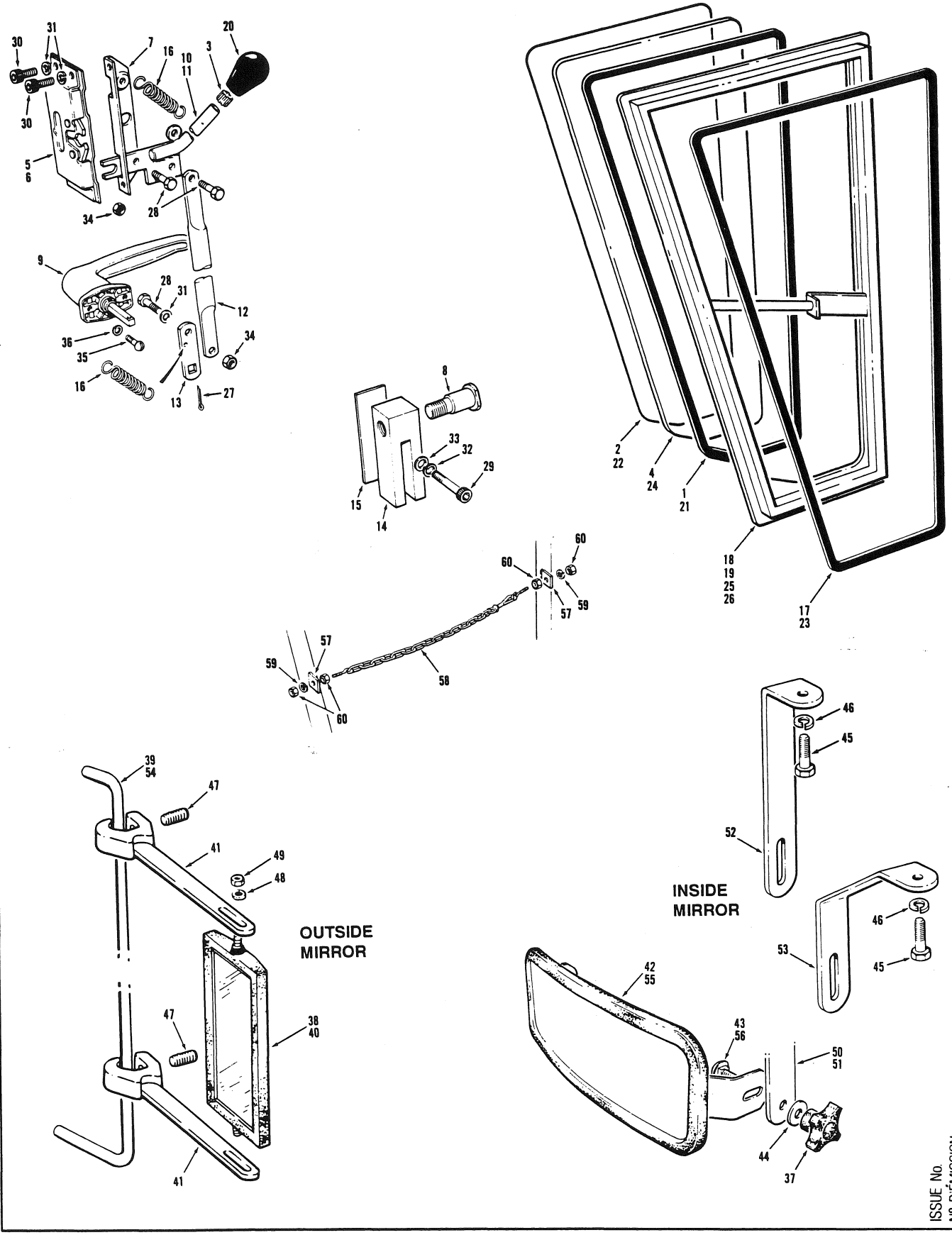
700 SERIES
SERIE 700

SECTION 11 PAGE 27
SECCION PAGINA

FOR ILLUSTRATION TURN THIS PAGE POUR L'ILLUSTRATION VOIR AU VERSO PARA LA ILUSTRACION VER AL VERSO

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		CAB DOORS		
1	15386 x 192	RUBBER CHANNEL	2	
2	15388 x 192	LOCKING STRIP	2	
3	17588	INSERT	2	
4	28574	GLASS	2	
5	28577	LATCH - R.H.	1	
6	28578	LATCH - L.H.	1	
7	28579	MOUNTING PLATE	2	
8	28580	STRIKER PIN	2	
9	28581	HANDLE	2	
10	28582	LEVER - L.H.	1	
11	28583	LEVER - R.H.	1	
12	28586	ROD	2	
13	28588	LEVER	2	
14	28597	BLOCK - DOOR LATCH	2	
15	28598	SHIM	4	
16	28630	SPRING	4	
17	45378 x 210	WEATHER SEAL	2	
18	46753	DOOR - R.H.	1	
19	46754	DOOR - L.H.	1	
20	48556	KNOB	2	
21	15386 x 168	RUBBER CHANNEL - LOW PROFILE CAB	2	
22	15388 x 168	LOCKING STRIP - LOW PROFILE CAB	2	
23	45378 x 186	WEATHER SEAL - LOW PROFILE CAB	2	
24	56503	GLASS - LOW PROFILE CAB	2	
25	57056	DOOR - R.H. - LOW PROFILE CAB	1	
26	57057	DOOR - L.H. - LOW PROFILE CAB	1	
27	13A-0212	COTTER PIN	2	
28	50A-0406	BOLT	6	
29	50A-0410	BOLT	4	
30	50D-0408	BOLT	4	
31	14A-04	LOCKWASHER	6	
32	14C-04	FLATWASHER	4	
33	14J-04	LOCKWASHER	4	
34	36D-04	LOCKNUT	6	
35	52L-0803	MACHINE SCREW	4	
36	14F-08	LOCKWASHER	4	

No. Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		MIRROR INSTALLATIONS		
37	19890	KNOB	2	
38	8596A	MIRROR - OUTSIDE	1 or 2	
39	28656-1	BRACKET	2	
40	32757	MIRROR - OUTSIDE - DEFROSTER	1 or 2	
41	57325	BRACKET - OUTSIDE - C/W ITEM 47	2	
42	57357	MIRROR - INSIDE	1	
43	57374	BOLT	2	
44	14C-06 Zi	WASHER	2	
45	50A-0606 Zi	BOLT - LOW PROFILE CAB	2	
46	14A-06 Zi	LOCKWASHER - LOW PROFILE CAB	2	
47	70F-0616	SET SCREW	4	
48	14A-05	LOCKWASHER	4	
49	30A-05	NUT	4	
50	57356	BRACKET	2	
51	57373	BRACKET - AIR CONDITIONER	2	
52	57679	BRACKET - LOW PROFILE CAB	2	
		DOOR SAFETY CHAIN INSTALLATION		
53	23257	LUG	4	
54	27217	SAFETY CHAIN	2	
55	14A-06	LOCKWASHER	4	
56	30A-06	NUT	8	



CAB DOORS & MIRRORS

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No. 2
Nº D'ÉMISSION
Nº DE EDICION

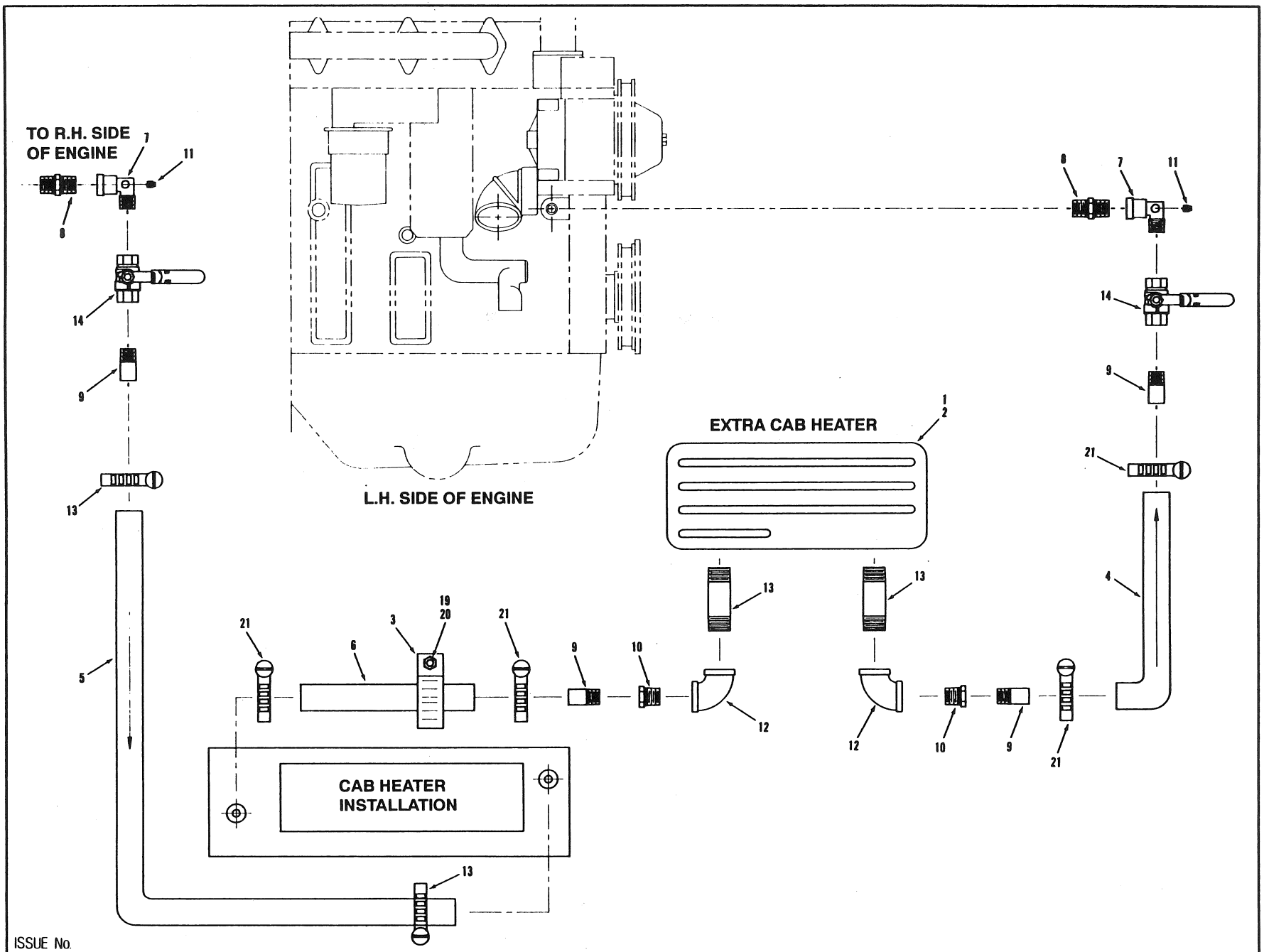
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21273 & UP
EXCLUDING 21277 to 21280
& 21282

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

CAB DOORS & MIRRORS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		CAB DOORS		
1	15386 x 192	RUBBER CHANNEL	2	
2	15388 x 192	LOCKING STRIP	2	
3	17588	INSERT	2	
4	28574	GLASS	2	
5	28577	LATCH - R.H.	1	
6	28578	LATCH - L.H.	1	
7	28579	MOUNTING PLATE	2	
8	28580	STRIKER PIN	2	
9	28581	HANDLE	2	
10	28582	LEVER - L.H.	1	
11	28583	LEVER - R.H.	1	
12	28586	ROD	2	
13	28588	LEVER	2	
14	28597	BLOCK - DOOR LATCH	2	
15	28598	SHIM	4	
16	28630	SPRING	4	
17	45378 x 210	WEATHER SEAL	2	
18	46753	DOOR - R.H.	1	
19	46754	DOOR - L.H.	1	
20	48556	KNOB	2	
21	15386 x 168	RUBBER CHANNEL - LOW PROFILE CAB	2	
22	15388 x 168	LOCKING STRIP - LOW PROFILE CAB	2	
23	45378 x 186	WEATHER SEAL - LOW PROFILE CAB	2	
24	56503	GLASS - LOW PROFILE CAB	2	
25	57056	DOOR - R.H. - LOW PROFILE CAB	1	
26	57057	DOOR - L.H. - LOW PROFILE CAB	1	
27	13A-0212	COTTER PIN	2	
28	50A-0406	BOLT	6	
29	50A-0410	BOLT	4	
30	50D-0408	BOLT	4	
31	14A-04	LOCKWASHER	6	
32	14C-04	FLATWASHER	4	
33	14J-04	LOCKWASHER	4	
34	36D-04	LOCKNUT	6	
35	52L-0803	MACHINE SCREW	4	
36	14F-08	LOCKWASHER	4	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		MIRROR INSTALLATIONS		
37	19890	KNOB	2	
38	8596A	MIRROR - OUTSIDE	1 or 2	
39	28656-1	BRACKET	2	
40	32757	MIRROR - OUTSIDE - DEFROSTER	1 or 2	
41	57325	BRACKET - OUTSIDE - C/W ITEM 47	2	
42	57357	MIRROR - INSIDE	1	
43	57374	BOLT	2	
44	14C-06 Zi	WASHER	2	
45	50A-0606 Zi	BOLT - LOW PROFILE CAB	2	
46	14A-06 Zi	LOCKWASHER - LOW PROFILE CAB	2	
47	70F-0616	SET SCREW	4	
48	14A-05	LOCKWASHER	4	
49	30A-05	NUT	4	
50	57356	BRACKET	2	
51	57373	BRACKET - AIR CONDITIONER	2	
52	*65192	BRACKET - LOW PROFILE CAB	2	
53	*65193	BRACKET - LOW PROFILE CAB - AIR CONDITIONER	2	
54	*57776	BRACKET - LOW PROFILE CAB	2	
55	*65171	MIRROR - INSIDE - LOW PROFILE CAB	1	
56	*40G-0672Zi	BOLT - LOW PROFILE CAB	2	
		DOOR SAFETY CHAIN INSTALLATION		
57	23257	LUG	4	
58	27217	SAFETY CHAIN	2	
59	14A-06	LOCKWASHER	4	
60	30A-06	NUT	8	



ISSUE No.
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CAB HEATER - EXTRA

JUNE 1991

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EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
20602 & UP

700 SERIES
SERIE 700

SECTION 11 PAGE 29
SECCION 11 PAGINA 29

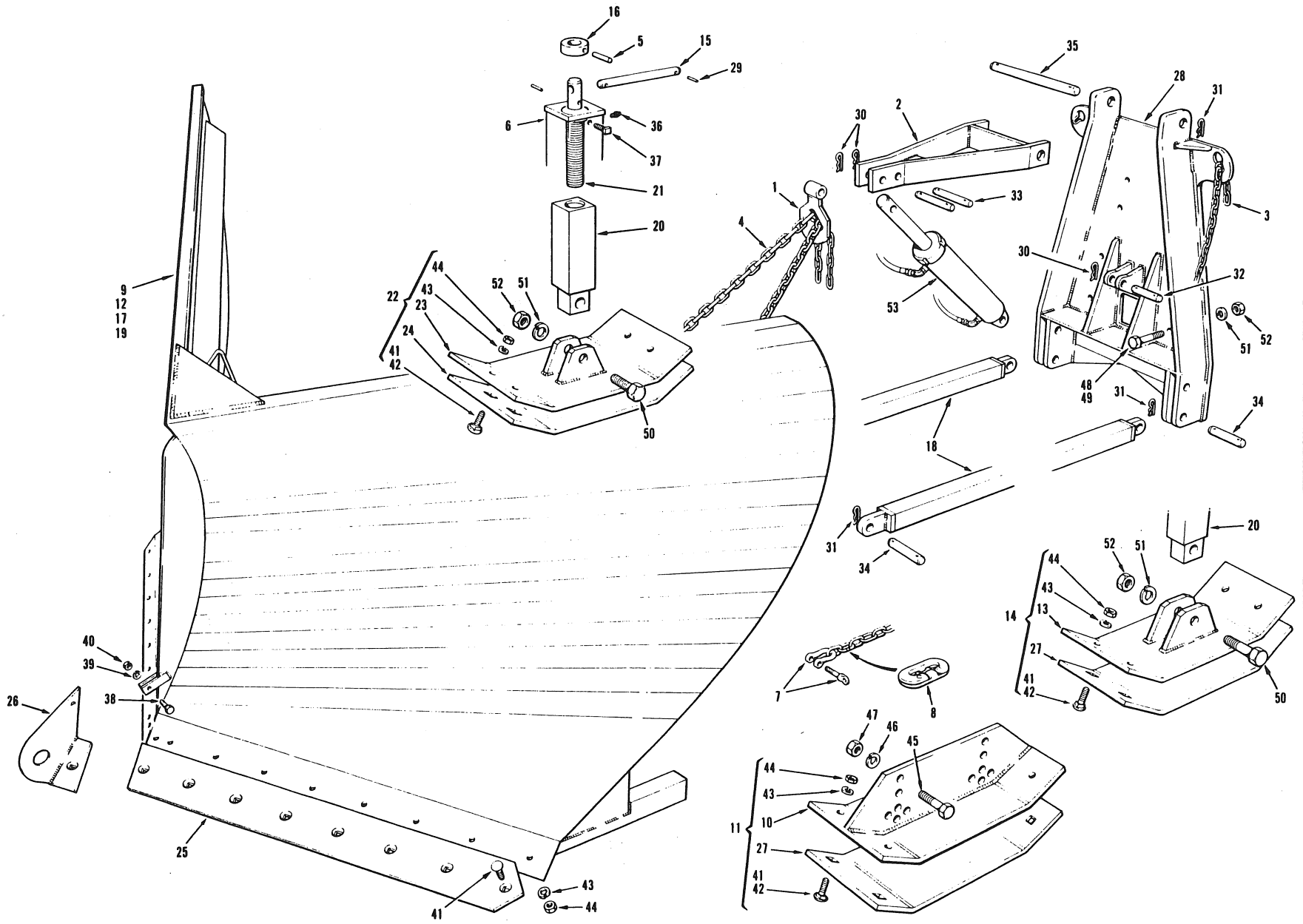
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FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

CAB HEATER - EXTRA

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	35586	HEATER	1	
2	46799	CORE - HEATER	1	
3	32320	CLAMP	3	
4	34749 x 120	HOSE	1	
5	34749 x 20	HOSE	1	
6	34749 x 60	HOSE	1	
7	41161	ELBOW	2	
8	115A-0808	CONNECTOR	2	
9	115AA-0804	HALF NIPPLE	4	
10	115B-1208	BUSHING	2	
11	115E-04	PLUG	2	
12	115K-12	ELBOW	2	
13	115Z-1204	NIPPLE	2	
14	117B-08	GATE VALVE	2	
15	50A-0412	BOLT	4	
16	14A-04	LOCKWASHER	4	
17	14C-04	FLATWASHER	4	
18	30A-04	NUT	4	
19	14A-05	LOCKWASHER	3	
20	30A-06	NUT	3	
21	22C-10	CLAMP	6	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

V-PLOW & A-FRAME - CHAIN LIFT

OCTOBER 1987

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224,16245 TO 16505
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

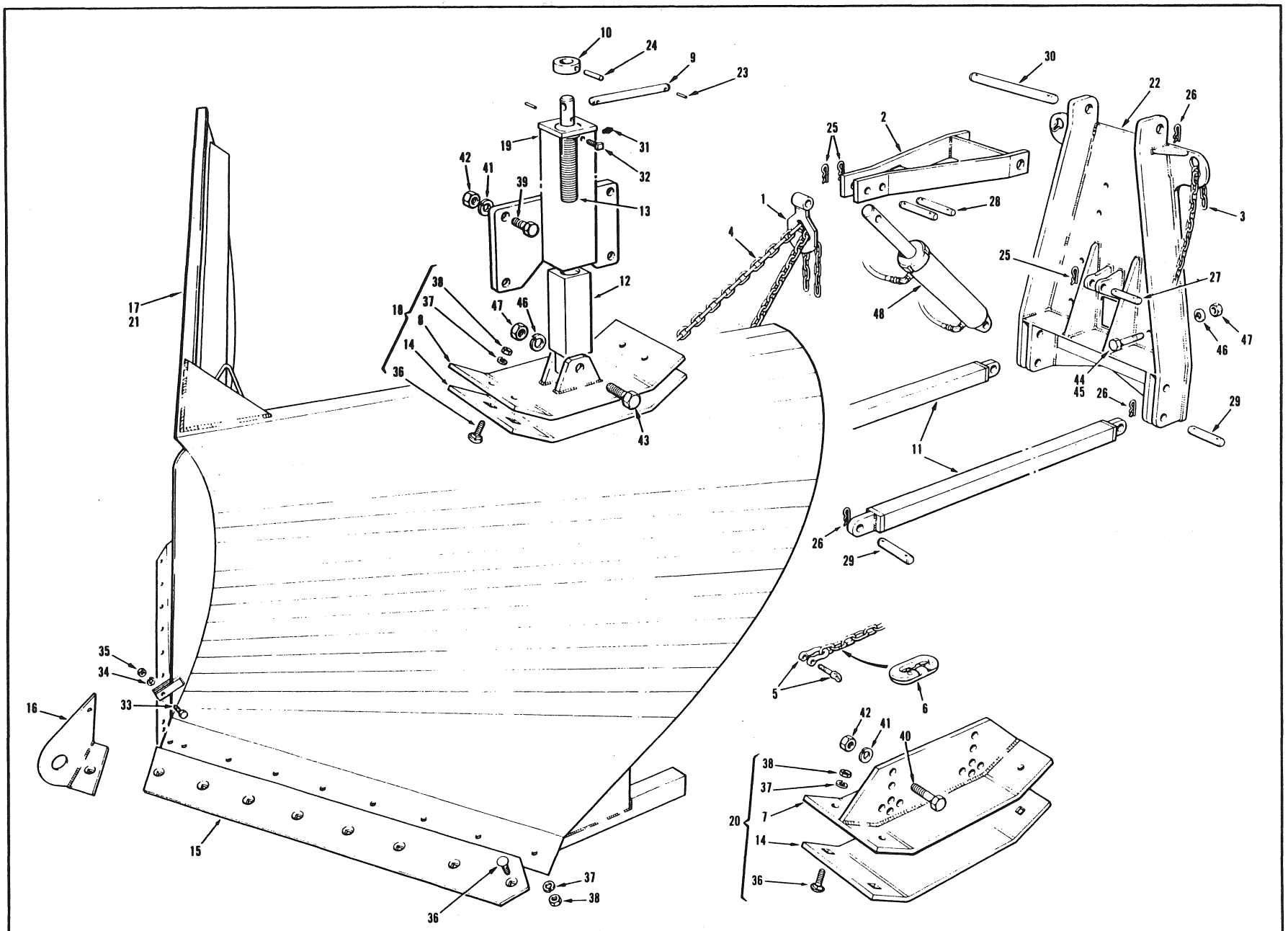
700 SERIES
SERIE 700

SECTION 12 PAGE 1
SECCION 12 PAGINA 1

USE ONLY CHAMPION APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	17277	9 FT. V-PLOW - C/W STANDARD SHOES	1	
	17279	9 FT. V-PLOW - C/W ADJUSTABLE SHOES	1	
	17281	10 FT. V-PLOW - C/W STANDARD SHOES	1	
	17283	10 FT. V-PLOW - C/W ADJUSTABLE SHOES	1	
1	898	SPADE	1	
2	7176	YOKE	1	
3	8457 X 90	CHAIN	2	
4	8457 X 150	CHAIN	2	
5	*13C-1232	ROLL PIN	3	
6	19119	SWIVEL EXTENSION	1	REPAIR PART
7	22129	SHACKLE	2	
8	22130	SPLICE LINK	4	
9	22181	9 FT. V-PLOW - STANDARD SHOE TYPE	1	
10	22183	INNER SHOE	1	
11	22184	SHOE ASSY.	2	
12	22212	9 FT. V-PLOW - ADJUSTABLE SHOE TYPE	1	
13	22217	INNER SHOE	1	
14	22218	SHOE ASSY. - REAR	2	OPTIONAL
15	22220	HANDLE	3	
16	22221	STOP RING	3	
17	22231	10 FT. V-PLOW - STANDARD SHOE TYPE	1	
18	22232	PUSH ROD	2	
19	22245	10 FT. V-PLOW - ADJUSTABLE SHOE TYPE	1	
20	22250	SWIVEL EXTENSION	3	
21	22251	ADJUSTING SCREW	3	
22	22253	SHOE ASSY. - FRONT	1	OPTIONAL
23	22253-1	INNER SHOE	1	
24	22254	OUTER SHOE	1	USE WITH ITEM 44
25	23729	EDGE - 9 FT. V-PLOW	2	
	23730	EDGE - 10 FT. V-PLOW	2	
26	23868	NOSE PIECE	1	
27	24050	OUTER SHOE	4	
28	*41482	A-FRAME	1	
29	*13C-0820	ROLL PIN	6	
30	13L-03	HITCH PIN	6	
31	13L-04	HITCH PIN	10	
32	18C-818	PIN	1	
33	18C-823	PIN	2	
34	18C-1026	PIN	4	
35	18C-1076	PIN	1	
36	29B-02	GREASE FITTING	3	
37	70F-0612	SET SCREW	3	
38	51A-0816	BOLT	1	
39	14A-08	LOCKWASHER	1	
40	31A-08	NUT	1	
41	*40F-1016	BOLT	28	
42	40G-1018	BOLT	8	
43	14A-10	LOCKWASHER	28	
44	30A-10	NUT	28	
45	50A-1220	BOLT	8	
46	14A-12	LOCKWASHER	8	
47	31A-12	NUT	8	
48	*50A-1636	BOLT	8	
49	*50A-1644	BOLT	8	780/780A
50	*50A-1652	BOLT	3	
51	14A-16	LOCKWASHER	11	
52	30A-16	NUT	11	
53		HYDRAULIC CYLINDER ASSEMBLY	REF.	SECTION 12 PAGE 10



EFFECTIVE SERIAL NUMBER(S) 16590 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 12 PAGE 1
SECCION 12 PAGINA 1

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION A

V-PLOW & A-FRAME - CHAIN LIFT

OCTOBER 1987

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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

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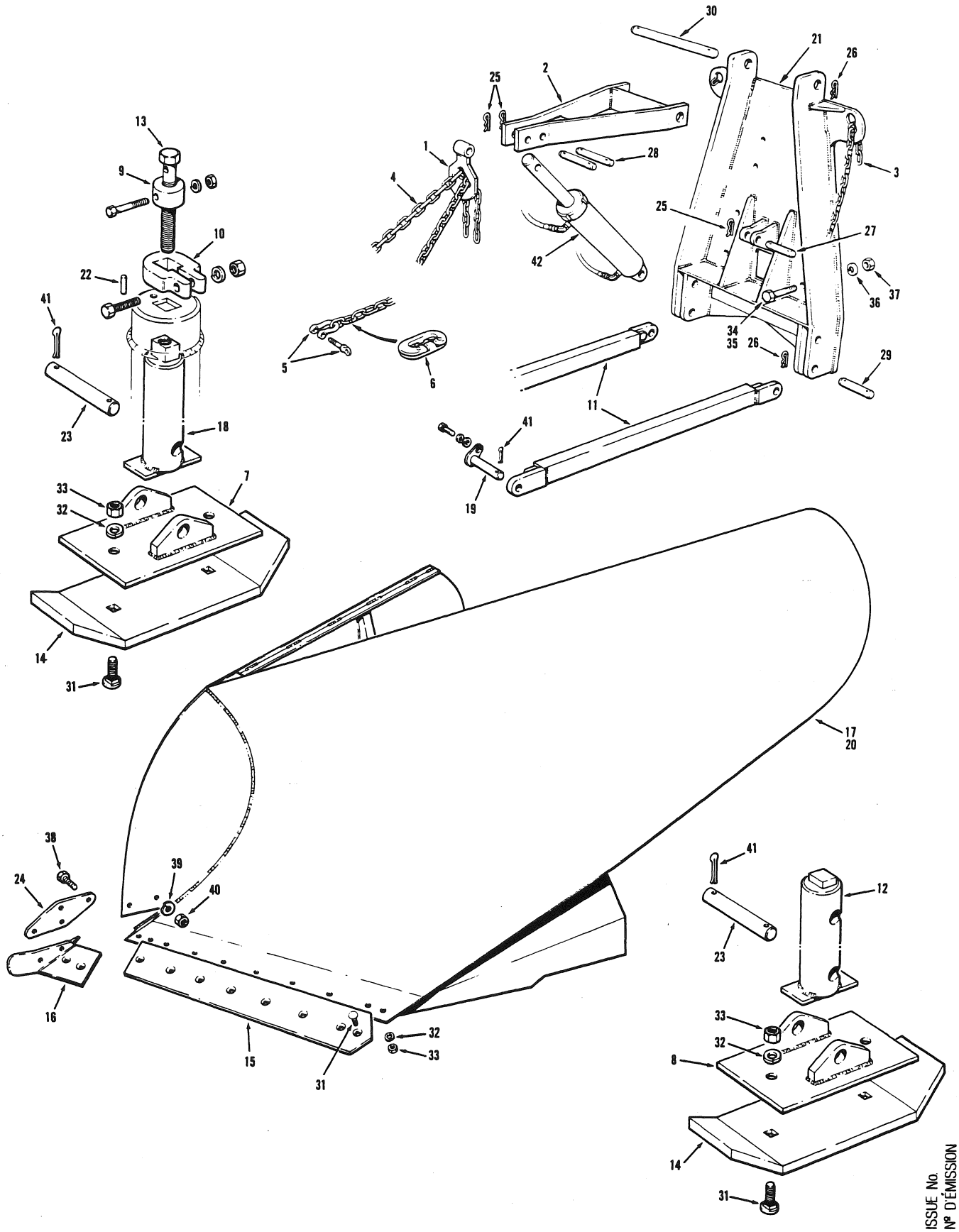
V-PLOW & A-FRAME - CHAIN LIFT

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
	27786	9 FT. V-PLOW - C/W STANDARD EDGES	1	
	27818	10 FT. V-PLOW - C/W STANDARD EDGES	1	
1	898	SPADE	1	
2	7176	YOKE	1	
3	8457 X 90	CHAIN	2	
4	8457 X 150	CHAIN	2	
5	22129	SHACKLE	2	
6	22130	SPLICE LINK	4	
7	22183	INNER SHOE	1	
8	22217	INNER SHOE	1	
9	22220	HANDLE	3	
10	22221	STOP RING	3	
11	22232	PUSH ROD	2	
12	22250	SWIVEL EXTENSION	3	
13	22251	ADJUSTING SCREW	3	
14	22254	OUTER SHOE	1	
	23729	EDGE - 9 FT. V-PLOW	2	
	23730	EDGE - 10 FT. V-PLOW	2	
16	23868	NOSE PIECE	1	
17	27785	V-PLOW - 9 FT.	1	
18	27787	SHOE ASSY. - C/W ITEMS 8 TO 10,12 TO 14,19	3	
19	27788	SCREW BOX	3	
20	27789	SHOE ASSY.	3	
21	27817	V-PLOW - 10 FT.	1	
22	*41482	A-FRAME	1	
23	*13C-0820	ROLL PIN	6	
24	*13C-1232	ROLL PIN	3	
25	13L-03	HITCH PIN	6	
26	13L-04	HITCH PIN	10	
27	*18C-0820	PIN	1	
28	*18C-0824	PIN	2	
29	*18C-1020	PIN	4	
30	18C-1076	PIN	1	
31	29A-02	GREASE FITTING	3	
32	70F-0624	SET SCREW	3	
33	*50A-0816	BOLT	1	
34	14A-08	LOCKWASHER	1	
35	*30A-08	NUT	1	
36	40F-1016	BOLT	28	
37	14A-10	LOCKWASHER	28	
38	30A-10	NUT	28	
39	50A-1216	BOLT	4	
40	50A-1220	BOLT	6	
41	14A-12	LOCKWASHER	10	
42	30A-12	NUT	10	
43	*50A-1636	BOLT	2	
44	*50A-1644	BOLT	8	
45	*50A-1652	BOLT	8	780/780A
46	14A-16	LOCKWASHER	8	
47	30A-16	NUT	8	
48		HYDRAULIC CYLINDER & CIRCUIT	REF.	SECTION 12 PAGE 10

CHAMPION ROAD MACHINERY

FEBRUARY 1992

V-PLOW & A-FRAME - CHAIN LIFT



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POUR LA LISTE DES PIÈCES - VOIR AU VERSO

PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20998 & UP

700 SERIES
SERIE 700

SECTION SECCION 12 PAGE PAGINA 1

SECTION / SECCION 12 | PAGE / PAGINA 2 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 3

V-PLOW & A-FRAME - CHAIN LIFT

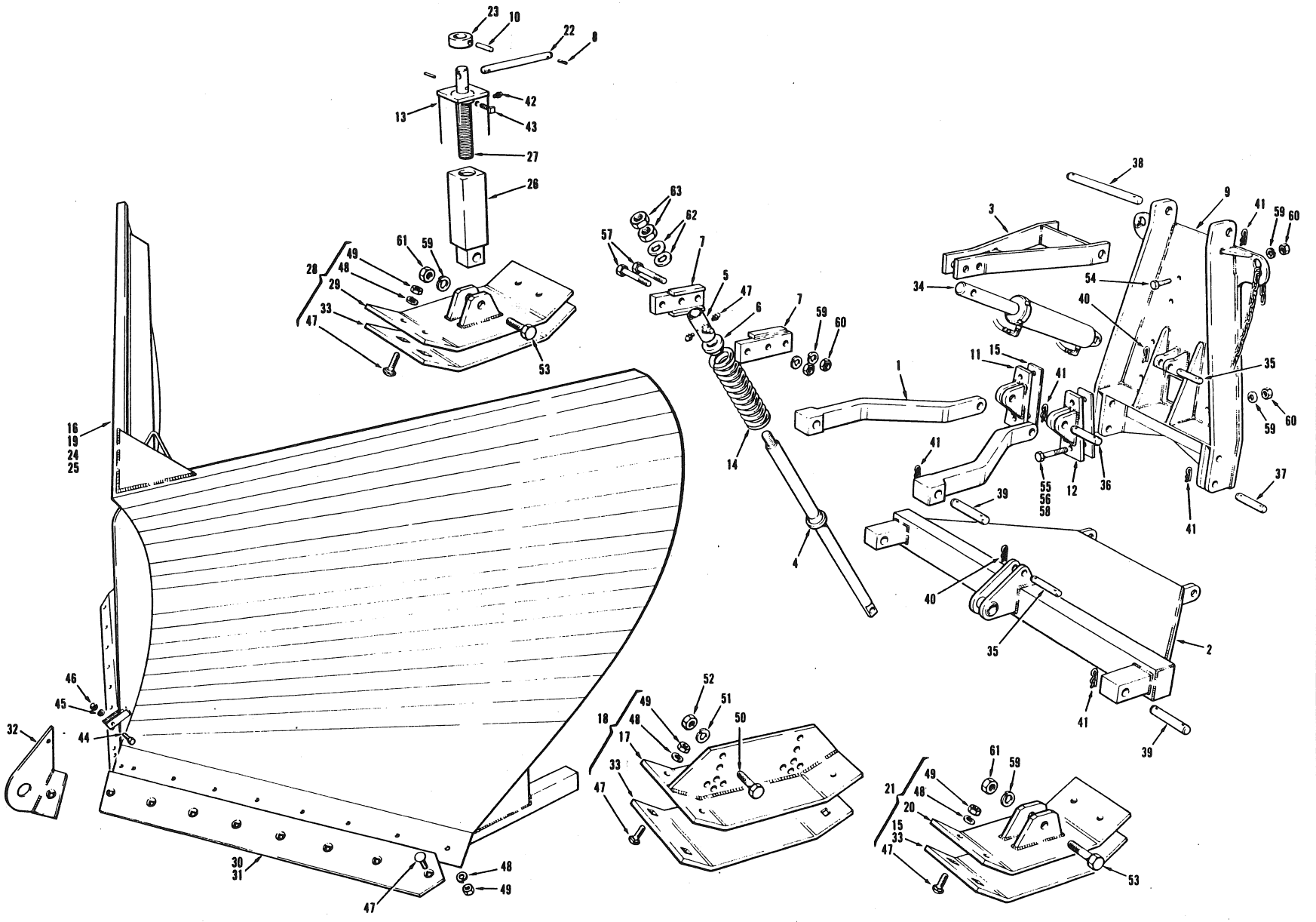
FEBRUARY 1992

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	*58891	9FT. V-PLOW - C/W STANDARD EDGES	1	
	*58852	10 FT. V-PLOW - C/W STANDARD EDGES	1	
1	898	SPADE	1	
2	7176	YOKE	1	
3	8457 x 90	CHAIN	2	
4	8457 x 150	CHAIN	2	
5	22129	SHACKLE	2	
6	22130	SPLICE LINK	4	
7	*63062	INNER SHOE	1	
8	*63063	INNER SHOE	2	
9	*63057	BEARING RING - C/W HARDWARE	1	
10	*63058	STOP RING - C/W HARDWARE	1	
11	*63055	PUSH ROD	2	
12	*63065	ARM	2	
13	*63060	ADJUSTING SCREW	1	
14	*63063	OUTER SHOE	3	
15	23729	EDGE - 9 FT. V-PLOW	2	
	23730	EDGE - 10 FT. V-PLOW	2	
16	*63056	NOSE PIECE	1	
17	*58722	V-PLOW - 9 FT.	1	
18	*63061	SCREW BOX	1	
19	*63067	PIN	2	
20	*58723	V-PLOW - 10 FT.	1	
21	*46964	A-FRAME	1	
22	*63059	PIN	1	
23	*63064	PIN	5	
24	*63069	PLATE	1	
25	13L-03	HITCH PIN	6	
26	13L-04	HITCH PIN	6	
27	18C-0820	PIN	1	
28	18C-0824	PIN	2	
29	18C-1020	PIN	2	
30	18C-1076	PIN	1	
31	40F-1016	BOLT	28	
32	14A-10	LOCKWASHER	28	
33	30A-10	NUT	28	
34	50A-1644	BOLT	8	
35	50A-1652	BOLT	8	780A
36	14A-16	LOCKWASHER	8	
37	30A-16	NUT	8	
38	50A-0816	BOLT	4	
39	14A-08	LOCKWASHER	4	
40	*30A-08	NUT	4	
41	30A-0324	COTTER PIN	10	
42		HYDRAULIC CYLINDER & CIRCUIT	Ref.	Sect 12 Pg 10

EFFECTIVE SERIAL NUMBER(S) 16224,16245 TO 16505
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 12 PAGE 3
SECCION 12 PAGINA 3



ISSUE No.
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V-PLOW & A-FRAME - DOWN PRESSURE

OCTOBER 1987

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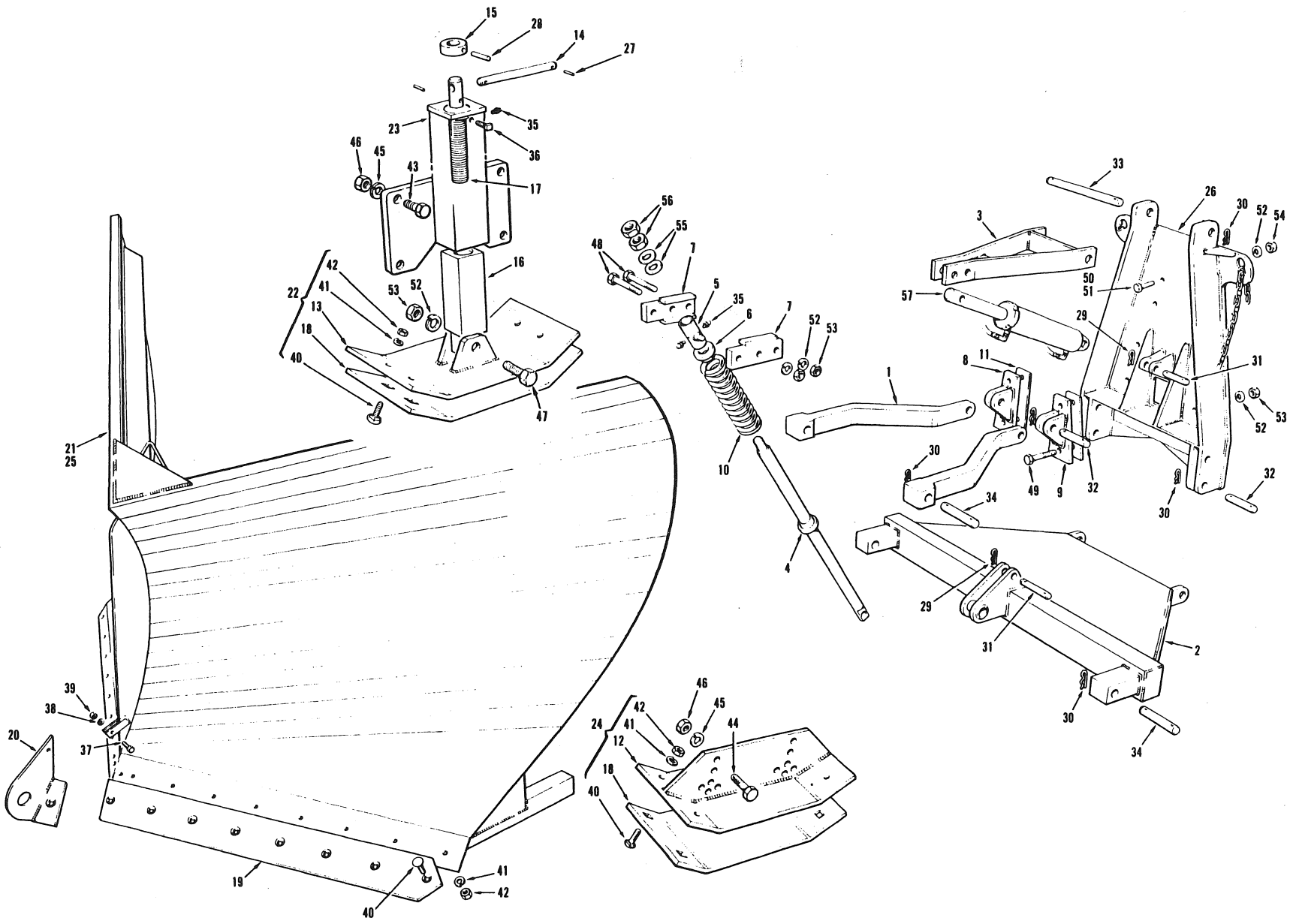
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SECTION 12 SECCION 12 | PAGE 4 PAGINA 4 | ISSUE No. N° D'ÉMISSION N° DE EDICION 1 REVISION A

V-PLOW & A-FRAME - DOWN PRESSURE

OCTOBER 1987

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
	17278	9 FT. V-PLOW - C/W STANDARD SHOES	1	
	17280	9 FT. V-PLOW - C/W ADJUSTABLE SHOES	1	
	17282	10 FT. V-PLOW - C/W STANDARD SHOES	1	
	17284	10 FT. V-PLOW - C/W ADJUSTABLE SHOES	1	
1	1013	ARM	2	
2	2504	FRAME	1	
3	7176	YOKE	1	
4	7996	LINK	1	
5	7997	SLEEVE	1	
6	7998	COLLAR	1	
7	7999	EXTENSION	2	
8	*13C-0820	ROLL PIN	6	
9	*41482	A-FRAME	1	
10	*13C-1232	ROLL PIN	3	
11	19089	YOKE - R.H.	1	
12	19090	YOKE - L.H.	1	
13	19119	SWIVEL EXTENSION	1	REPAIR PART
14	22145	SPRING	1	
15	22150	SHIM - 10 Ga.	A.R.	
	22151	SHIM - 1/4"	A.R.	
	22152	SHIM - 1/2"	A.R.	
	22153	SHIM - 3/4"	A.R.	
	22154	SHIM - 1"	A.R.	
16	22182	9 FT. V-PLOW - STANDARD SHOE TYPE	1	
17	22183	SHOE - INNER	1	
18	22184	SHOE ASSY. - STANDARD	4	
19	22214	9 FT. V-PLOW - ADJUSTABLE SHOE TYPE	1	
20	22217	SHOE - INNER	1	
21	22218	SHOE ASSY. - REAR	2	OPTIONAL
22	22220	HANDLE	3	
23	22221	RING	3	
24	22239	10 FT. V-PLOW - STANDARD SHOE TYPE	1	
25	22248	10 FT. V-PLOW - ADJUSTABLE SHOE TYPE	1	
26	22250	SWIVEL EXTENSION	3	
27	22251	ADJUSTING SCREW	3	
28	22253	SHOE ASSY. - FRONT	1	OPTIONAL
29	22253-1	SHOE	1	
30	23729	EDGE - 9 FT.	2	
31	23730	EDGE - 10 FT.	2	
32	23868	NOSE	1	
33	24050	SHOE - OUTER	1	
34		HYDRAULIC CYLINDER & CIRCUIT	REF.	SECTION 12 PAGE 10
35	18C-0818	PIN	2	
36	18C-1018	PIN	2	
37	18C-1020	PIN	2	
38	18C-1076	PIN	1	
39	18C-1233	PIN	5	
40	13L-03	HITCH PIN	4	
41	13L-04	HITCH PIN	20	
42	29A-02	GREASE FITTING	5	
43	70F-0612	SET SCREW	3	
44	51A-0816	BOLT	1	
45	14A-08	LOCKWASHER	1	
46	31A-08	NUT	1	
47	40F-1018	BOLT	28	
48	14A-10	LOCKWASHER	28	
49	30A-10	NUT	28	
50	50A-1220	BOLT	8	
51	14A-12	LOCKWASHER	8	
52	31A-12	NUT	8	
53	50A-1632	BOLT	3	
54	51A-1636	BOLT	4	
55	51A-1652	BOLT	4	
56	51A-1656	BOLT	4	
57	51A-1664	BOLT	2	
58	51A-1668	BOLT	4	
59	14A-16	LOCKWASHER	13	
60	31A-16	NUT	10	
61	30A-16	NUT	3	
62	14C-24	FLATWASHER	2	
63	31A-24	NUT	2	



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V-PLOW & A-FRAME - DOWN PRESSURE

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NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S.2021-2 & UP

700 SERIES
SERIE 700

SECTION 12 PAGE 3
SECCION 12 PAGINA 3

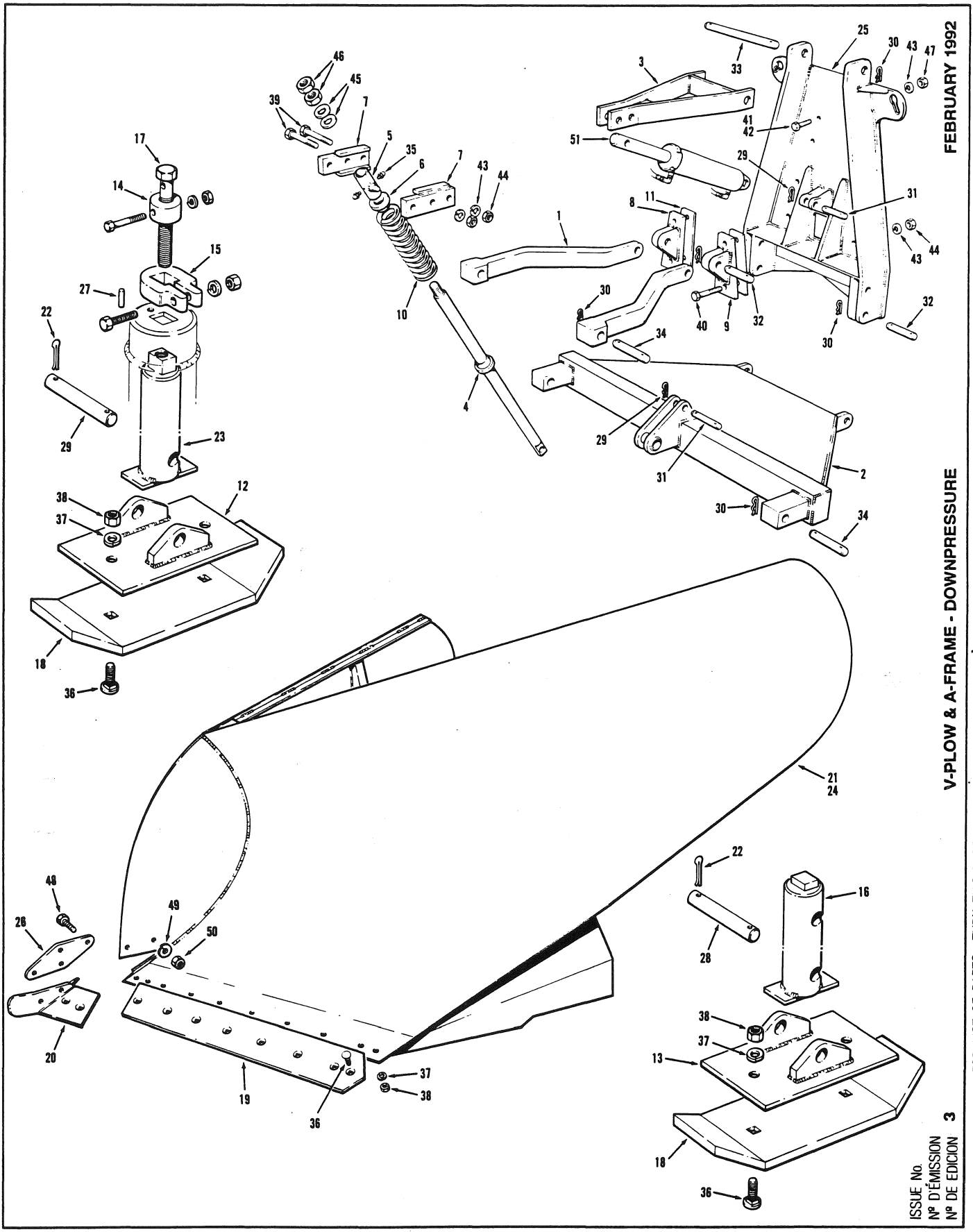
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

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V-PLOW & A-FRAME - DOWN PRESSURE

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
	27786	9 FT. V-PLOW - C/W STANDARD EDGES	1	
	27818	10 FT. V-PLOW - C/W STANDARD EDGES	1	
1	1013	ARM	2	
2	2504	PUSH FRAME	1	
3	7176	YOKE	1	
4	7996	LIFT LINK	1	
5	7997	SLEEVE	1	
6	7998	COLLAR	1	
7	7999	YOKE EXTENSION	2	
8	19089	YOKE - R.H.	1	
9	19090	YOKE - L.H.	1	
10	22145	SPRING	1	
11	22150	SHIM - 10 Ga.	A.R.	
	22151	SHIM - 1/4"	A.R.	
	22152	SHIM - 1/2"	A.R.	
	22153	SHIM - 3/4"	A.R.	
	22154	SHIM - 1"	A.R.	
12	22183	SHOE - INNER	3	
13	22217	SHOE - INNER	3	OPTIONAL
14	22220	HANDLE	3	
15	22221	STOP RING	3	
16	22250	SWIVEL EXTENSION	3	
17	22251	ADJUSTING SCREW	3	
18	22254	SHOE - OUTER	3	
19	23729	EDGE - 9 FT. V-PLOW	2	
	23730	EDGE - 10 FT. V.-PLOW	2	
20	23868	NOSE PIECE	1	
21	27785	9 FT. V-PLOW	1	
22	27787	SHOE ASSY. C/W ITEMS - 13 TO 18,23	3	OPTIONAL
23	27788	SCREW BOX	3	
24	27789	SHOE ASSY.	3	
25	27817	10 FT. V-PLOW	1	OPTIONAL
26	*41482	A-FRAME	1	

No. Nº Nº	PART No. N° DE PIECE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ Nº REQ. N° REQ.	REMARKS REMARQUES NOTAS
27	*13C-0820	ROLL PIN	6	
28	*13C-1232	ROLL PIN	3	
29	13L-03	HITCH PIN	4	
30	13L-04	HITCH PIN	4	
31	*18C-0820	PIN	2	
32	*18C-1018	PIN	4	
33	18C-1076	PIN	1	
34	18C-1233	PIN	5	
35	29A-02	GREASE FITTING	5	
36	70F-0624	SET SCREW	3	
37	51A-0816	BOLT	1	
38	14A-08	LOCKWASHER	1	
39	31A-08	NUT	1	
40	40F-1016	BOLT	28	
41	14A-10	LOCKWASHER	28	
42	30A-10	NUT	28	
43	50A-1216	BOLT	28	
44	50A-1220	BOLT	6	
45	14A-12	LOCKWASHER	10	
46	30A-12	NUT	10	
47	50A-1636	BOLT	3	
48	50A-1664	BOLT	2	
49	50A-1668	BOLT	4	
50	51A-1636	BOLT	8	
51	51A-1652	BOLT	8	780/780A
52	14A-16	LOCKWASHER	7	
53	30A-16	NUT	7	
54	31A-16	NUT	8	
55	14C-24	FLATWASHER	2	
56	31A-24	NUT	2	
57		HYDRAULIC CYLINDER & CIRCUIT	REF.	SECTION 12 PAGES 9/10



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S) **20998 & UP**

700 SERIES
SERIE 700

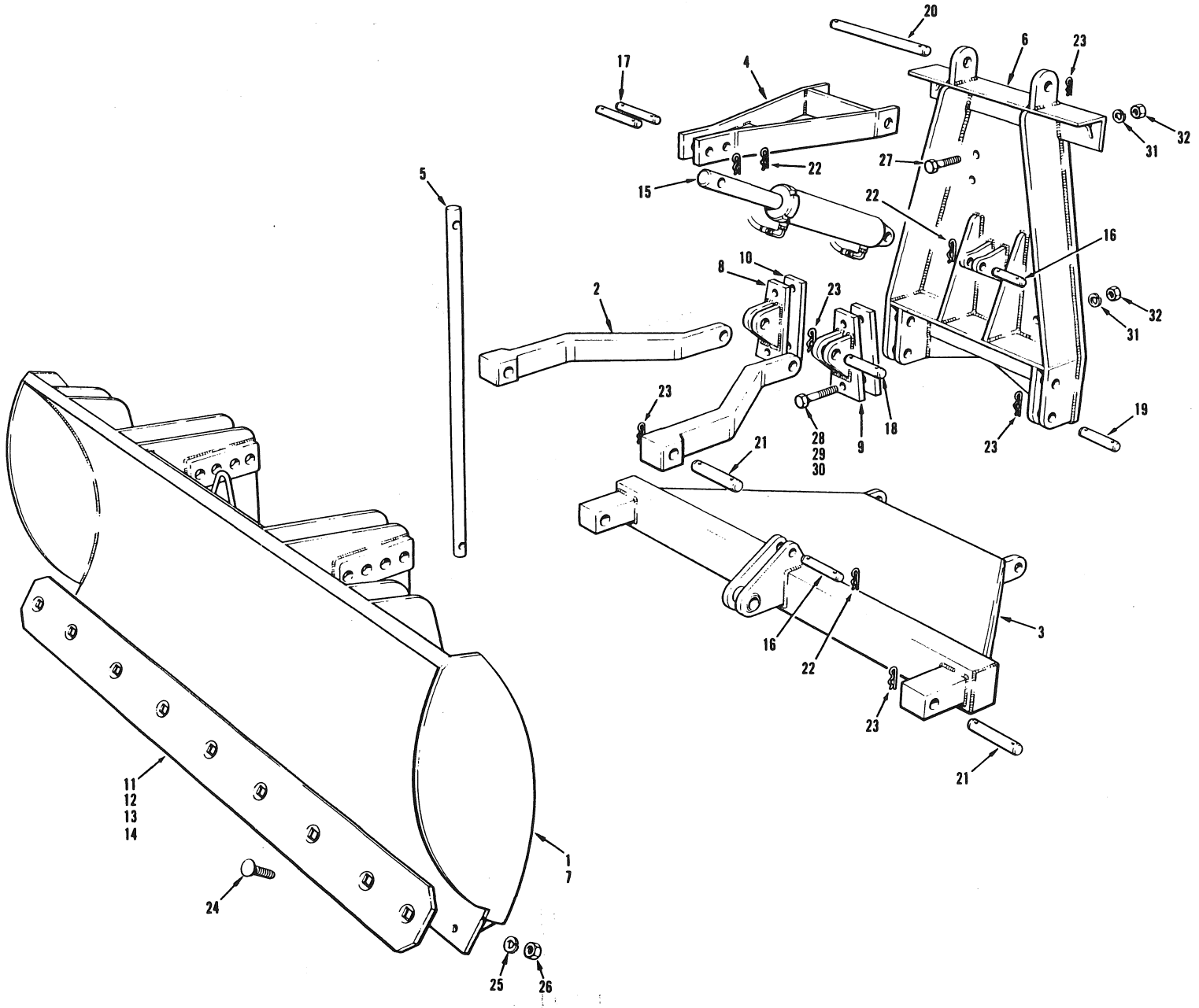
SECTION 12 PAGE 3
SECCION PAGINA

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V-PLOW & A-FRAME - DOWN PRESSURE

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	*58849	9 FT. V-PLOW - C/W STANDARD EDGES	1	
	*58850	10 FT. V-PLOW - C/W STANDARD EDGES	1	
1	1013	ARM	2	
2	2504	PUSH FRAME	1	
3	7176	YOKE	1	
4	7996	LIFT LINK	1	
5	7997	SLEEVE	1	
6	7998	COLLAR	1	
7	7999	YOKE EXTENSION	2	
8	19089	YOKE - R.H.	1	
9	19090	YOKE - L.H.	1	
10	22145	SPRING	1	
11	22150	SHIM - 10 Ga.	2	
	22151	SHIM - 1/4"	2	
	22152	SHIM - 1/2"	2	
	22153	SHIM - 3/4"	2	
	22154	SHIM - 1"	2	
12	*63062	INNER SHOE	1	
13	*63068	INNER SHOE	2	
14	*63057	BEARING RING	1	
15	*63058	STOP RING	1	
16	*63065	ARM	2	
17	*63060	ADJUSTING SCREW	1	
18	*63063	OUTER SHOE	3	
19	23729	EDGE - 9 FT. V-PLOW	2	
	23730	EDGE - 10 FT. V-PLOW	2	
20	*63056	NOSE PIECE	1	
21	*39124	9 FT. V-PLOW	1	
22	*30A-0324	COTTER PIN	10	
23	*63061	SCREW BOX	1	
24	*39079	10 FT. V-PLOW	1	
25	*46964	A-FRAME	1	
26	*63069	PLATE	1	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
27	*63059	PIN	1	
28	*63064	PIN	5	
29	13L-03	HITCH PIN	4	
30	13L-04	HITCH PIN	4	
31	18C-0820	PIN	2	
32	18C-1018	PIN	4	
33	18C-1076	PIN	1	
34	18C-1233	PIN	5	
35	29A-02	GREASE FITTING	2	
36	40F-1016	BOLT	28	
37	14A-10	LOCKWASHER	28	
38	30A-10	NUT	28	
36	70F-0624	SET SCREW	3	
37	51A-0816	BOLT	1	
38	14A-08	LOCKWASHER	1	
39	31A-08	NUT	1	
40	50A-1668	BOLT	4	
41	*51A-1632	BOLT	8	
42	51A-1652	BOLT	8	780A
43	14A-16	LOCKWASHER	7	
44	30A-16	NUT	7	
45	14C-24	FLATWASHER	2	
46	31A-24	NUT	2	
47	31A-16	NUT	4	
48	50A-0816	BOLT	4	
49	14A-08	LOCKWASHER	4	
50	30A-08	NUT	4	
51		HYDRAULICCYLINDER & CIRCUIT	Ref.	Sect 12 Pg 10



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **1 REVISION A**

BULLDOZER & A-FRAME

JULY 1989

FOR LIST OF PARTS - TURN THIS PAGE — POUR LA LISTE DES PIÈCES - VOIR AU VERSO — PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224, 16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 to 2658-2

700 SERIES
SÉRIE 700

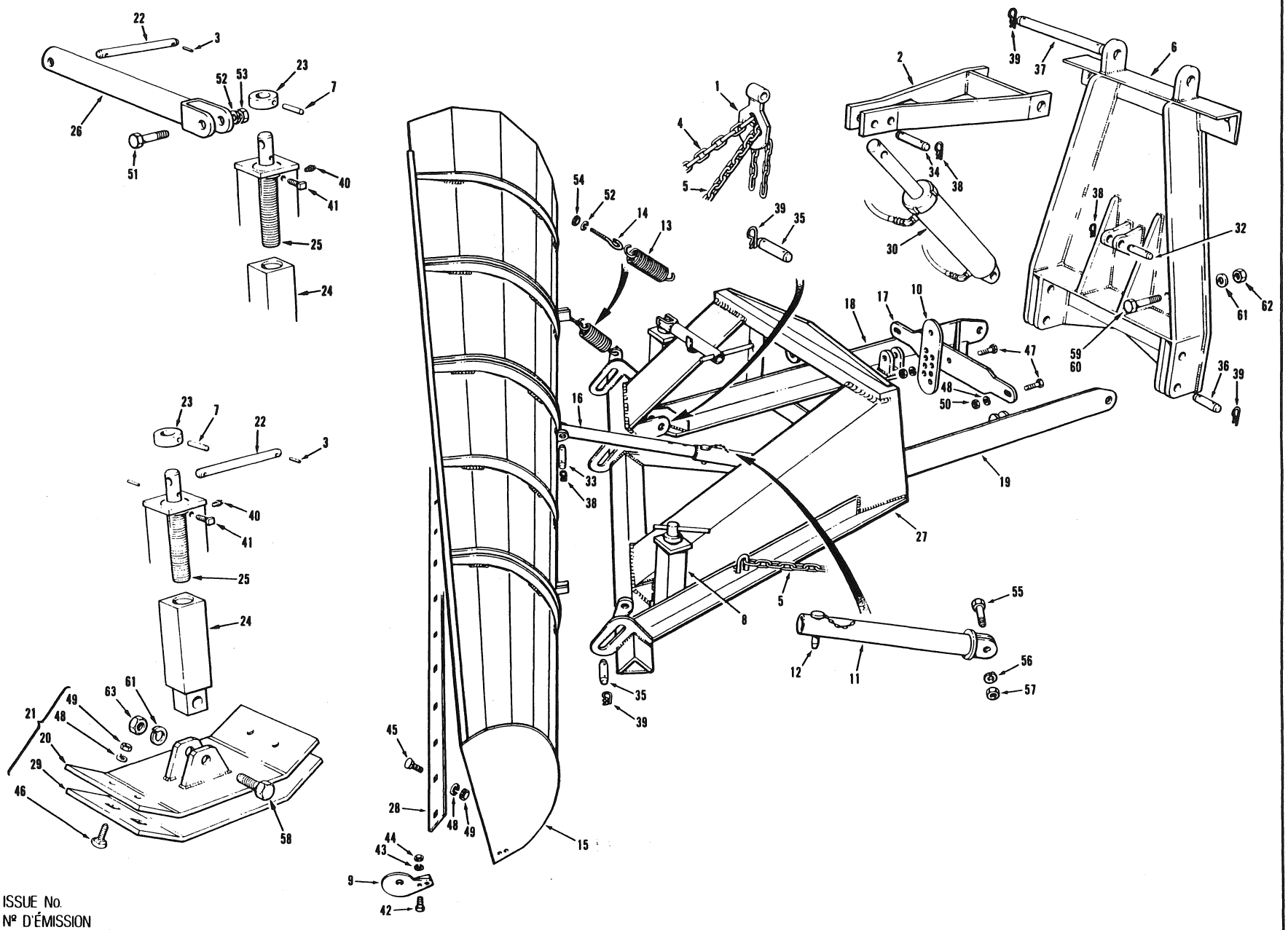
SECTION 12 PAGE 5
SECCION 12 PAGINA 5

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	*42490	BLADE ASSEMBLY - 8'	1	
2	1013	ARM	2	
3	2504	FRAME	1	
4	7176	YOKE	1	
5	9390	LINK	1	
6	*46964	A-FRAME	1	
7	*42491	BLADE ASSEMBLY - 9'	1	
8	19089	YOKE - R.H.	1	
9	19090	YOKE - L.H.	1	
	22150	SHIM - 10 Ga.	A.R.	
	22151	SHIM - 1/4"	A.R.	
10	22152	SHIM - 1/2"	A.R.	
	22153	SHIM - 3/4"	A.R.	
	22154	SHIM - 1"	A.R.	
11	23722	EDGE - 8 FT.	1	
12	23723	EDGE - 9 FT. - CARBIDE TIPPED	1	OPTIONAL
13	23724	EDGE - 8 FT. - CARBIDE TIPPED	1	
14	23725	EDGE - 9 FT.	1	
15		HYDRAULIC CYLINDER & CIRCUIT	REF.	SECTION 12 PAGES 9/10
16	*18C-0820	PIN	2	
17	18C-0824	PIN	2	
18	18C-1018	PIN	2	
19	18C-1020	PIN	2	
20	18C-1076	PIN	1	
21	18C-1233	PIN	5	
22	13L-03	CLIP	8	
23	13L-04	CLIP	20	
24	40F-1018	BOLT	A.R.	
25	14A-10	LOCKWASHER	A.R.	
26	30A-10	NUT	A.R.	
27	*50A-1636	BOLT	4	
28	*50A-1652	BOLT	A.R.	
29	*50A-1656	BOLT	A.R.	
30	*50A-1668	BOLT	A.R.	
31	14A-16	LOCKWASHER	8	
32	*30A-16	NUT	8	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS



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Nº DE EDICION 1

ONE WAY PLOW & A-FRAME

DECEMBER 1984

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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

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NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

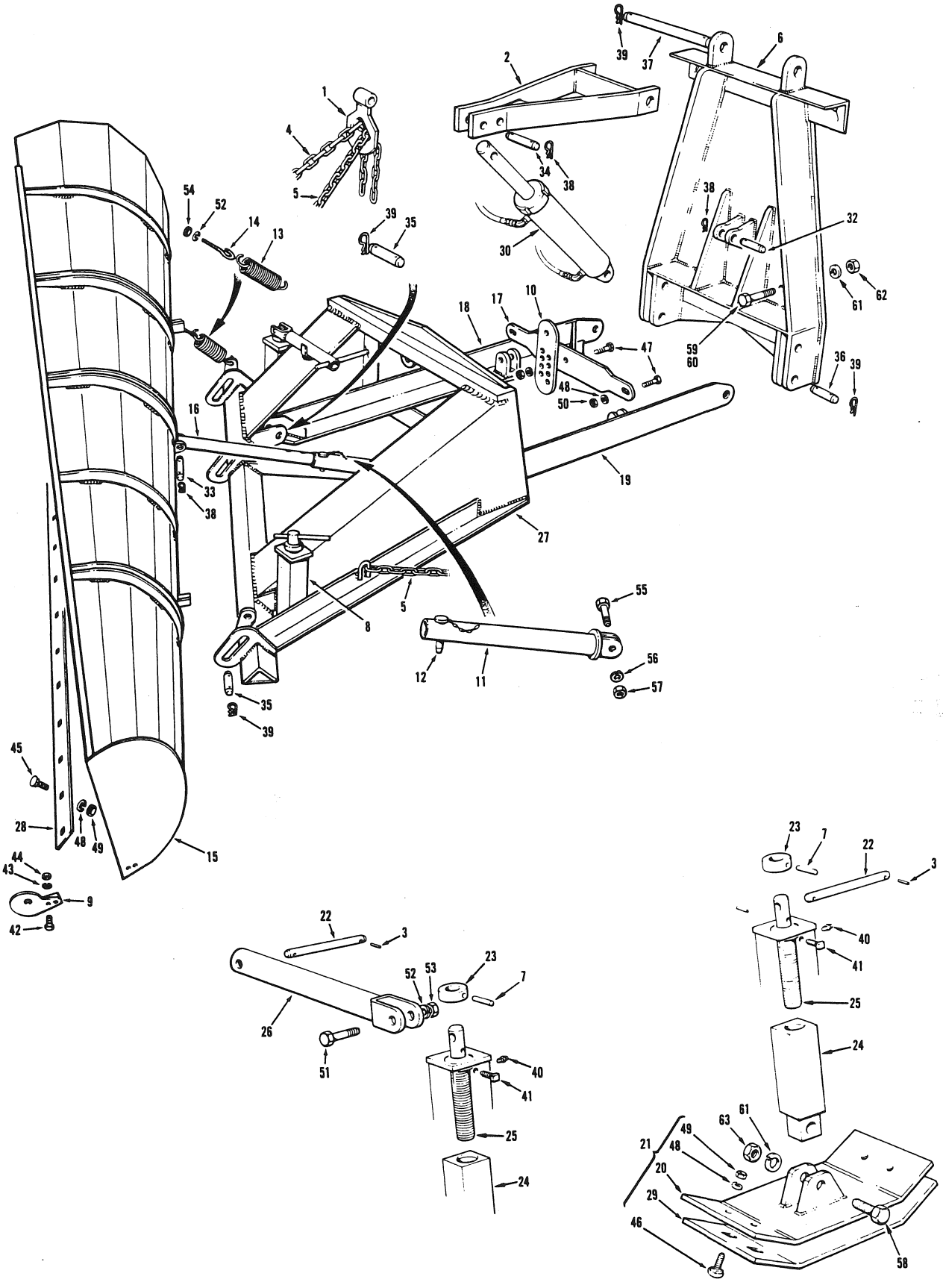
SECTION 12 PAGE 7
SECCION 12 PAGINA 7

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ONE WAY PLOW & A-FRAME

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	898	SPADE	1	
2	7176	YOKE	1	
3	13J-0820	PIN	4	
4	8457 X 72	CHAIN	1	
5	8457 X 84	CHAIN	1	
6	33718	A-FRAME	1	
7	11574	PIN	2	
8	19119	SWIVEL	1	REPAIR PART
9	21339	NOSE	1	
10	21598-11	STABILIZER	1	
11	21601-1	LINK - C/W ITEM 12	1	
12	21601-5	PIN	1	
13	21608	SPRING	2	
14	21609	BOLT	2	
15	21618	MOLDBOARD	1	
16	21619	LINK	1	
17	22165	BAR	1	
18	22188	ROD - R.H.	1	
19	22189	ROD - L.H.	1	
20	22217	SHOE - INNER	1	
21	22218	SHOE ASSY.	2	
22	22220	HANDLE	2	
23	22221	RING	2	
24	22250	EXTENSION	2	
25	22251	SCREW	2	
26	22261	EXTENSION	1	
27	22265	PUSH FRAME	1	
28	23671	EDGE	1	
29	24050	SHOE - OUTER	1	
30		HYDRAULIC CYLINDER & CIRCUIT	REF.	SECTION 12 PAGES 9/10

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
32	18C-0818	PIN	1	
33	18C-0821	PIN	1	
34	18C-0823	PIN	2	
35	18C-1018	PIN	5	
36	18C-1020	PIN	2	
37	18C-1076	PIN	1	
38	13L-03	CLIP	8	
39	13L-04	CLIP	16	
40	29A-02	GREASE FITTING	2	
41	70F-0612	SET SCREW	2	
42	51A-0814	BOLT	2	
43	14A-08	LOCKWASHER	2	
44	31A-08	NUT	2	
45	40F-1016	BOLT	18	
46	40F-1018	BOLT	8	
47	51A-1020	BOLT	3	
48	14A-10	LOCKWASHER	29	
49	30A-10	NUT	26	
50	31A-10	NUT	3	
51	50A-1222	BOLT	1	
52	14A-12	LOCKWASHER	5	
53	30A-12	NUT	1	
54	31A-12	NUT	4	
55	50A-1424	BOLT	1	
56	14A-14	LOCKWASHER	1	
57	30A-14	NUT	1	
58	50A-1632	BOLT	2	
59	51A-1636	BOLT	8	
60	51A-1652	BOLT	8	MODEL 760
61	14A-16	LOCKWASHER	10	
62	31A-16	NUT	8	
63	30A-16	NUT	2	



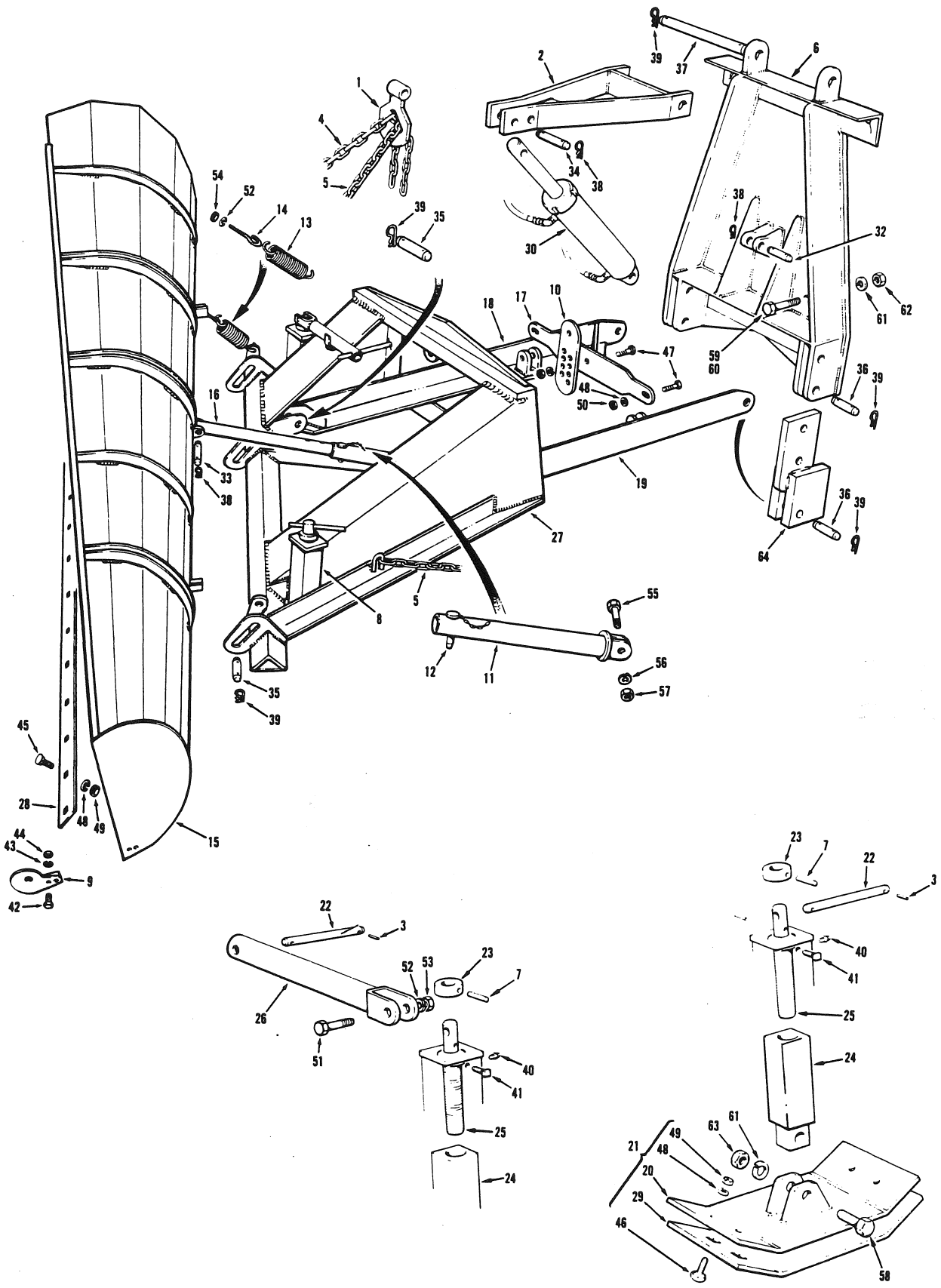
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NUMERO(S) DE SÉRIE EFFECTIF(S) 20930 & UP
NUMERO(S) DE SERIE EFECTIVO(S)

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ONE WAY PLOW & A-FRAME

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	898	SPADE	1	
2	7176	YOKE	1	
3	13J-0820	PIN	4	
4	8457 x 72	CHAIN	1	
5	8457 x 84	CHAIN	1	
6	*46964	A-FRAME	1	
7	11574	PIN	2	
8	19119	SWIVEL	1	Repair Part
9	21339	NOSE	1	
10	21598-11	STABILIZER	1	
11	21601-1	LINK - C/W ITEM 12	1	
12	21601-5	PIN	1	
13	21608	SPRING	2	
14	*49411	BOLT	2	
15	*54532	PLOW ASSEMBLY	1	
16	21619	LINK	1	
17	22165	BAR	1	
18	*27677	ROD - R.H.	1	
19	*27678	ROD - L.H.	1	
20	22217	SHOE - INNER	1	
21	22218	SHOE ASSEMBLY	2	
22	22220	HANDLE	2	
23	22221	RING	2	
24	22250	EXTENSION	2	
25	22251	SCREW	2	
26	22261	EXTENSION	1	
27	*22235	PUSH FRAME	1	
28	*54518	EDGE	1	
29	24050	SHOE - OUTER	1	
30		HYDRAULIC CYLINDER & CIRCUIT	REF.	Sect 12 Pg 9

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
32	18C-0818	PIN	1	
33	*18C-0820	PIN	1	
34	18C-0823	PIN	2	
35	18C-1018	PIN	5	
36	18C-1020	PIN	2	
37	18C-1076	PIN	1	
38	13L-03	CLIP	8	
39	13L-04	CLIP	16	
40	29A-02	GREASE FITTING	2	
41	70F-0612	SET SCREW	2	
42	*50A-0814	BOLT	2	
43	14A-08	LOCKWASHER	2	
44	*30A-08	NUT	2	
45	40F-1016	BOLT	18	
46	40F-1018	BOLT	8	
47	*50A-1020	BOLT	3	
48	14A-10	LOCKWASHER	29	
49	30A-10	NUT	26	
50	*30A-10	NUT	3	
51	50A-1222	BOLT	1	
52	14A-12	LOCKWASHER	5	
53	30A-12	NUT	1	
54	31A-12	NUT	4	
55	*50A-1624	BOLT	1	
56	*14A-16	LOCKWASHER	1	
57	*30A-16	NUT	1	
58	50A-1632	BOLT	2	
59	*50A-1636	BOLT	8	
60	*50A-1652	BOLT	8	Model 780
61	14A-16	LOCKWASHER	10	
62	*30A-16	NUT	8	
63	30A-16	NUT	2	



ONE WAY PLOW & A-FRAME

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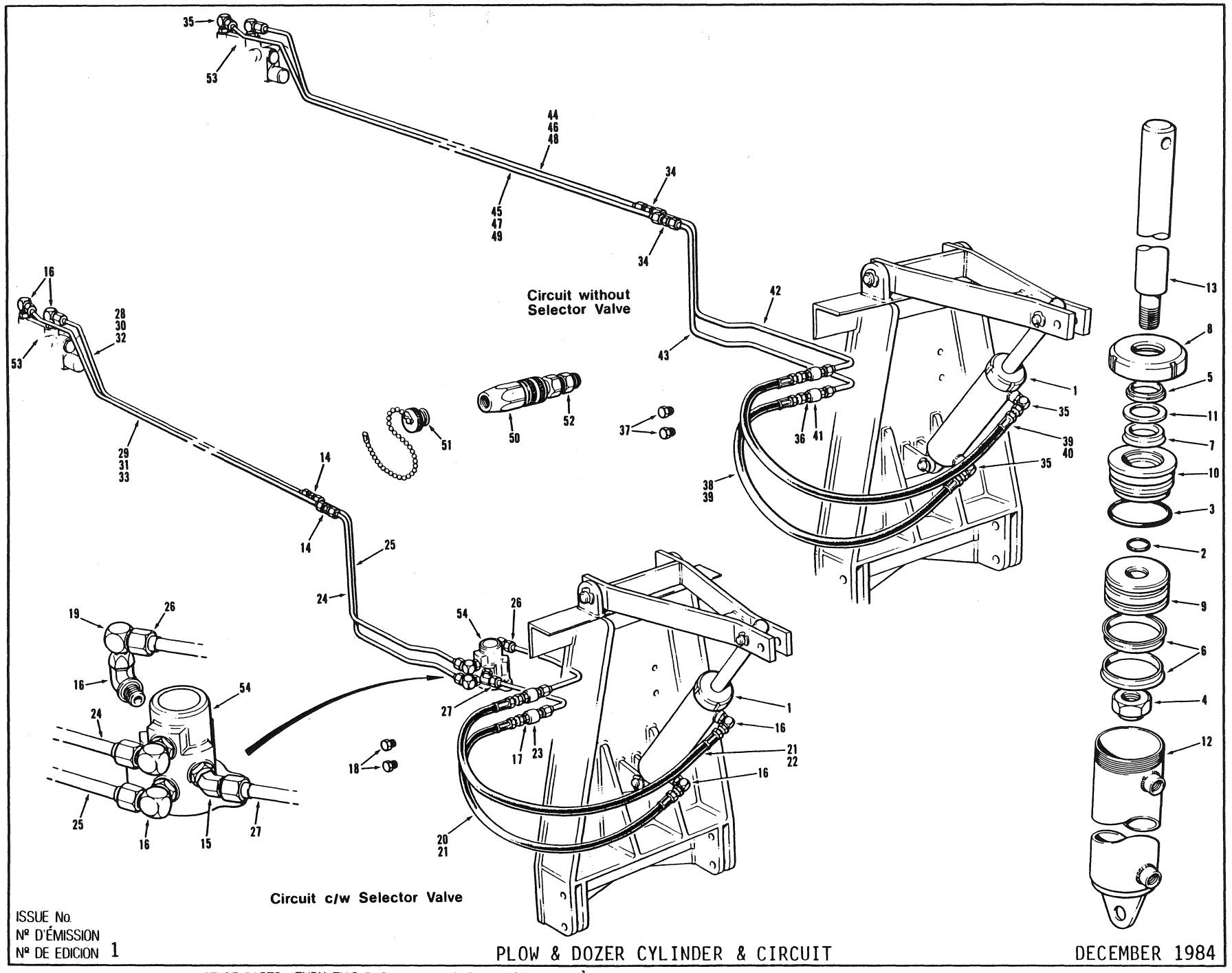
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NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

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ONE WAY PLOW & A-FRAME

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	898	SPADE	1	
2	7176	YOKE	1	
3	13J-0820	PIN	4	
4	8457 x 72	CHAIN	1	
5	8457 x 84	CHAIN	1	
6	46964	A-FRAME	1	
7	13C-1232	PIN	2	
8	19119	SWIVEL	1	Repair Part
9	33978	NOSE	1	
10	21598-11	STABILIZER	1	
11	21601-1	LINK - C/W ITEM 12	1	
12	21601-5	PIN	1	
13	21608	SPRING	2	
14	49411	BOLT	2	
15	*58774	PLOW ASSEMBLY	1	
16	21619	LINK	1	
17	22165	BAR	1	
18	27677	ROD - R.H.	1	
19	27678	ROD - L.H.	1	
20	22217	SHOE - INNER	1	
21	22218	SHOE ASSEMBLY	2	
22	22220	HANDLE	2	
23	22221	RING	2	
24	22250	EXTENSION	2	
25	22251	SCREW	2	
26	22261	EXTENSION	1	
27	22235	PUSH FRAME	1	
28	*58777	EDGE	1	
29	24050	SHOE - OUTER	1	
30		HYDRAULIC CYLINDER & CIRCUIT	REF.	Sect 12 Pg 9

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
32	18C-0818	PIN	1	
33	18C-0820	PIN	1	
34	18C-0823	PIN	2	
35	18C-1018	PIN	5	
36	*18C-1024	PIN	6	
37	18C-1076	PIN	1	
38	13L-03	CLIP	8	
39	13L-04	CLIP	20	
40	29A-02	GREASE FITTING	2	
41	*70F-0624	SET SCREW	2	
42	50A-0814	BOLT	2	
43	14A-08	LOCKWASHER	2	
44	30A-08	NUT	2	
45	40F-1016	BOLT	18	
46	40F-1018	BOLT	8	
47	50A-1020	BOLT	3	
48	14A-10	LOCKWASHER	29	
49	30A-10	NUT	26	
50	30A-10	NUT	3	
51	50A-1222	BOLT	1	
52	14A-12	LOCKWASHER	5	
53	30A-12	NUT	1	
54	31A-12	NUT	4	
55	*50A-1628	BOLT	1	
56	14A-16	LOCKWASHER	1	
57	30A-16	NUT	1	
58	50A-1632	BOLT	2	
59	50A-1636	BOLT	8	
60	50A-1652	BOLT	8	Model 780
61	14A-16	LOCKWASHER	10	
62	30A-16	NUT	8	
63	30A-16	NUT	2	
64	*25304	ARM - EXTENSION	2	



PLOW & DOZER CYLINDER & CIRCUIT

DECEMBER 1984

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NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 12 PAGE
SECCION 12 PAGINA 9

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

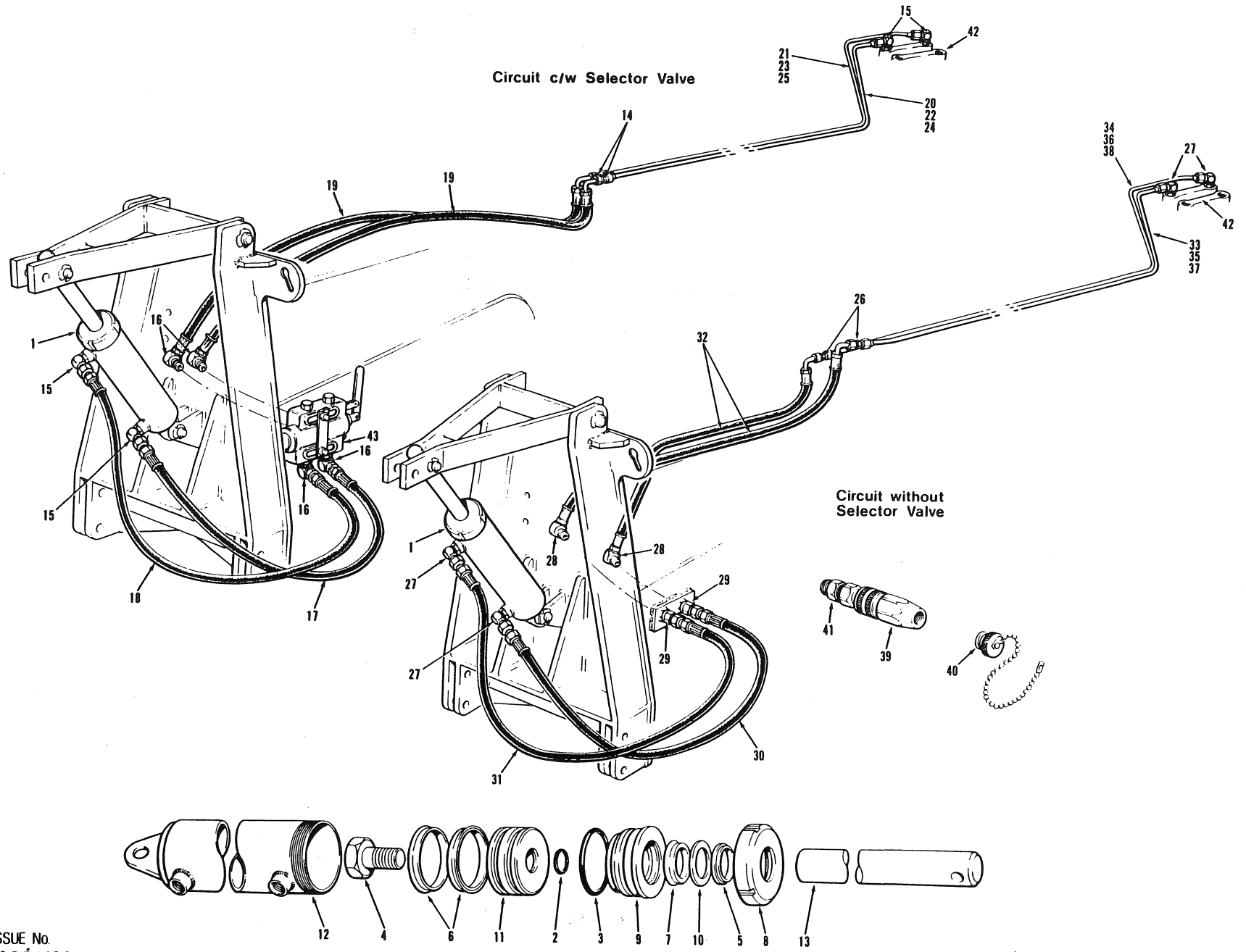
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PLOW & DOZER CYLINDER & CIRCUIT

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	18396	CYLINDER ASSEMBLY	1	
2	12A-218	O RING	1	
3	12A-342	O RING	1	
4	37H-20	LOCKNUT	1	
5	12035	WIPER RING	1	
6	12036	PISTON SEAL	2	
7	12037	ROD SEAL	1	
8	17608	NUT	1	
9	17609	PISTON	1	
10	17610	GLAND	1	
11	17614	WASHER	1	
12	18395	BARREL	1	
13	18397	PISTON ROD	1	
	26409	REPAIR KIT FOR 18396 CYLINDER ASSY. - INCLUDES ITEMS 2 TO 7 & 11	A.R.	
		HYDRAULIC CIRCUIT WITH SELECTOR VALVE		
14	110L-0808	CONNECTOR	2	
15	111A-0808	CONNECTOR	1	
16	111B-0808	CONNECTOR	7	
17	111E-0808	CONNECTOR	4	
18	111H-08	PLUG	A.R.	
19	112B-08	CONNECTOR	1	
20	9313 X 36	HOSE	1	AS REQ'D
21	9313 X 39	HOSE	1	
22	9313 X 42	HOSE	1	MODEL 760
23	12299	COUPLING	A.R.	REPAIR PART
24	17453	TUBE	1	
25	17454	TUBE	1	
26	17455	TUBE	1	
27	17456	TUBE	1	
28	41270	TUBE - L.H.	1	MODEL 710 & 710A
29	41271	TUBE - R.H.	1	
30	41282	TUBE - L.H.	1	MODEL 720 THRU 730A
31	41283	TUBE - R.H.	1	
32	41294	TUBE - L.H.	1	MODEL 740 THRU 760
33	41295	TUBE - R.H.	1	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		HYDRAULIC CIRCUIT - NO SELECTOR VALVE		
34	110L-0808	CONNECTOR	2	
35	111B-0808	CONNECTOR	4	
36	111E-0808	CONNECTOR	4	
37	111H-08	PLUG	A.R.	
38	9313 X 36	HOSE	1	AS REQ'D
39	9313 X 39	HOSE	1	
40	9313 X 42	HOSE	1	MODEL 760
41	12299	COUPLING	A.R.	REPAIR PART
42	17477	TUBE	1	
43	17478	TUBE	1	
44	41270	TUBE - L.H.	1	MODEL 710 & 710A
45	41271	TUBE - R.H.	1	
46	41282	TUBE - L.H.	1	MODEL 720 THRU 730A
47	41283	TUBE - R.H.	1	
48	41294	TUBE - L.H.	1	MODEL 740 THRU 760
49	41295	TUBE - R.H.	1	
50	10953	QUICK DISCONNECT ASSY.	A.R.	OPTIONAL
51	33986	DUST CAP	A.R.	
52	111M-0808	CONNECTOR	A.R.	
53		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGES 7/8
54		SELECTOR VALVE ASSEMBLY	REF.	SECTION 12 PAGES 13/14

USE ONLY CHAMPION APPROVED PARTS



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PLOW & DOZER CYLINDER & CIRCUIT

MARCH 1988

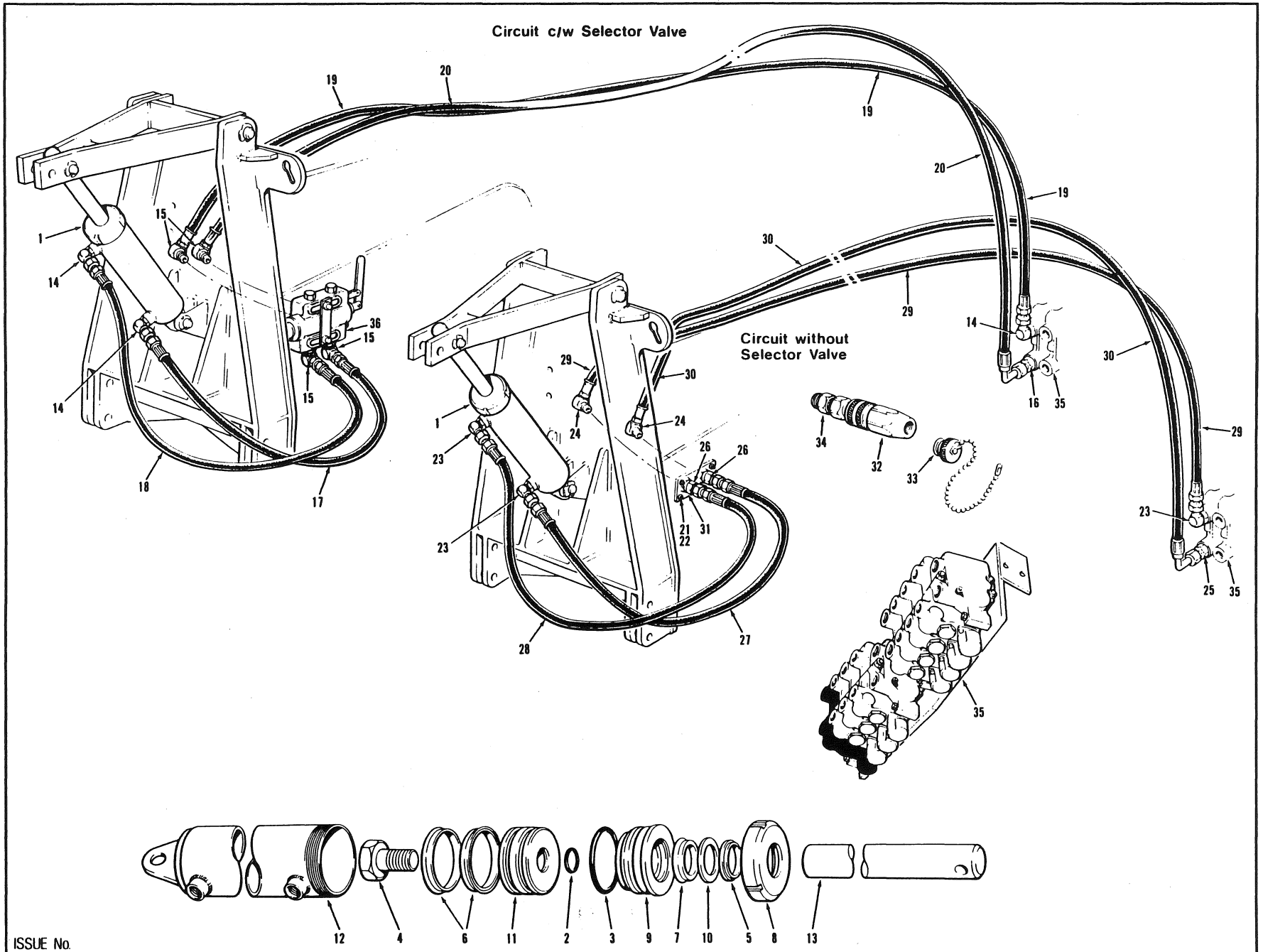
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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

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PLOW & DOZER CYLINDER & CIRCUIT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	*42791	CYLINDER ASSEMBLY	1	
2	*12A-224	O RING	1	
3	*44244	O RING	1	
4	51A-1622	BOLT	1	
5	12035	WIPER RING	1	
6	12036	PISTON SEAL	2	
7	12037	ROD SEAL	1	
8	17608	NUT	1	
9	17610	GLAND	1	
10	17614	WASHER	1	
11	*42151	PISTON	1	
12	*42792	BARREL	1	
13	*42793	PISTON ROD	1	
	43182	REPAIR KIT FOR 42791 CYLINDER ASSY. - INCLUDES ITEMS 2 TO 7 & 10	A.R.	
		HYDRAULIC CIRCUIT WITH SELECTOR VALVE		
14	110L-08	CONNECTOR	2	
15	111B-0808	CONNECTOR	5	
16	111B-0812	CONNECTOR	4	
17	9313 X 39	HOSE	1	
18	9313 X 42	HOSE	1	
19	*14382 X 36	HOSE	2	
20	41270	TUBE - L.H.	1	MODEL 710 & 710A
21	41271	TUBE - R.H.	1	MODEL 710 & 710A
22	41282	TUBE - L.H.	1	MODEL 720 THRU 730A
23	41283	TUBE - R.H.	1	MODEL 720 THRU 730A
24	41294	TUBE - L.H.	1	MODEL 740 THRU 780A
25	41295	TUBE - R.H.	1	MODEL 740 THRU 780A

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		HYDRAULIC CIRCUIT - NO SELECTOR VALVE		
26	110L-08	CONNECTOR	2	
27	111B-0808	CONNECTOR	4	
28	111B-0812	CONNECTOR	2	
29	*111E-0812	CONNECTOR	2	
30	9313 X 39	HOSE	1	
31	9313 X 42	HOSE	1	
32	*14382 X 36	HOSE	2	
33	41270	TUBE - L.H.	1	MODEL 710 & 710A
34	41271	TUBE - R.H.	1	MODEL 710 & 710A
35	41282	TUBE - L.H.	1	MODEL 720 THRU 730A
36	41283	TUBE - R.H.	1	MODEL 720 THRU 730A
37	41294	TUBE - L.H.	1	MODEL 740 THRU 780A
38	41295	TUBE - R.H.	1	MODEL 740 THRU 780A
39	10953	QUICK DISCONNECT ASSY.	A.R.	OPTIONAL
40	33986	DUST CAP	A.R.	OPTIONAL
41	111M-0808	CONNECTOR	A.R.	OPTIONAL
42		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
43		SELECTOR VALVE ASSEMBLY	REF.	SECTION 12 PAGE 14



ISSUE No.
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Nº DE EDICION 3

PLOW & DOZER CYLINDER & CIRCUIT

MARCH 1988

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EFFECTIVE SERIAL NUMBER(S) 18578, 18590, 18592 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

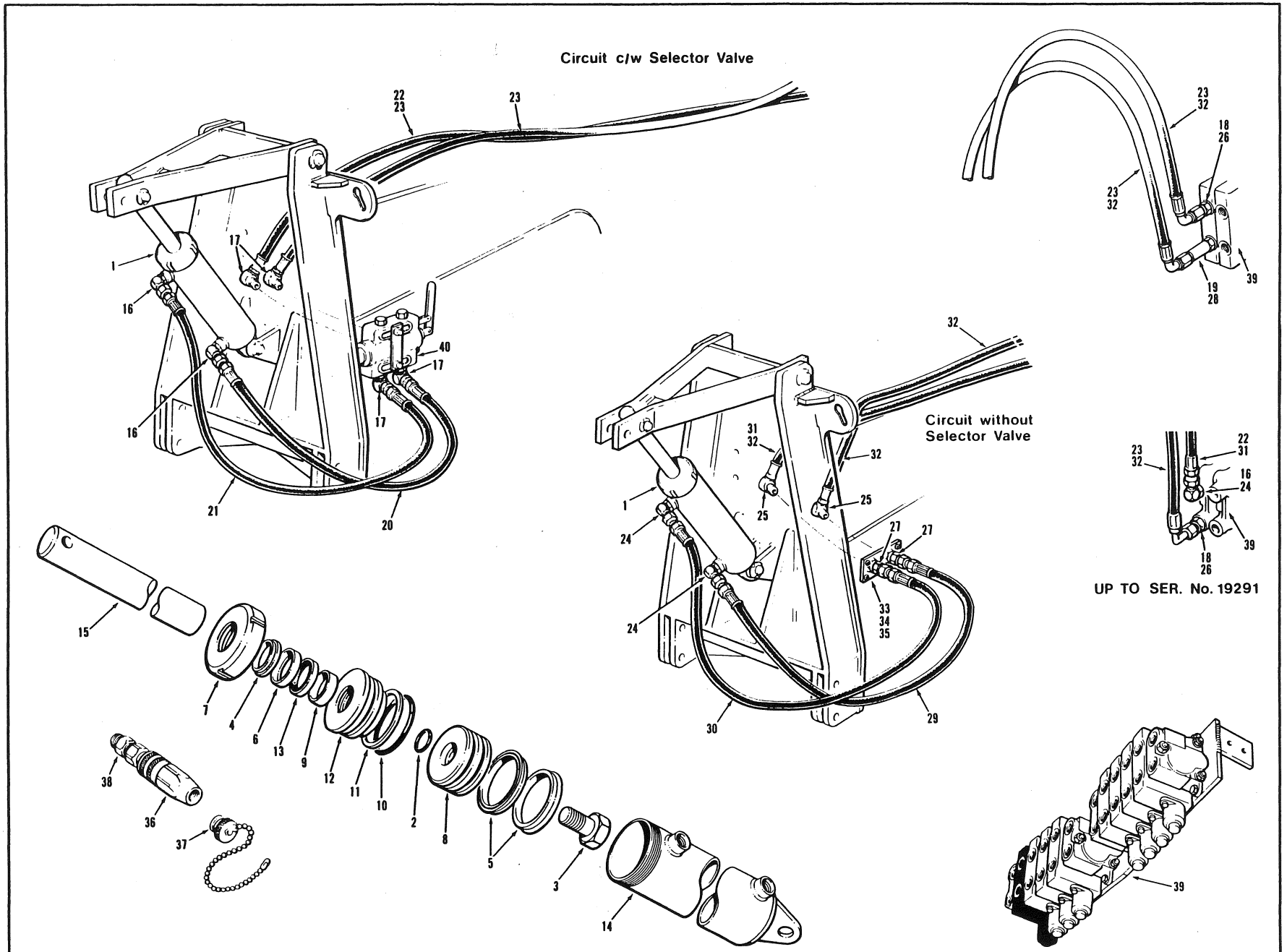
SECTION 12 PAGE 9
SECCION 12 PAGINA 9

USE ONLY CHAMPION APPROVED PARTS

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PLOW & DOZER CYLINDER & CIRCUIT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	42791	CYLINDER ASSEMBLY	1	
2	12A-224	O RING	1	
3	44244	O RING	1	
4	51A-1622	BOLT	1	
5	12035	WIPER RING	1	
6	12036	PISTON SEAL	2	
7	12037	ROD SEAL	1	
8	17608	NUT	1	
9	17610	GLAND	1	
10	17614	WASHER	1	
11	42151	PISTON	1	
12	42792	BARREL	1	
13	42793	PISTON ROD	1	
	43182	REPAIR KIT FOR 42791 CYLINDER ASSY. - INCLUDES ITEMS 2 TO 7 & 10	A.R.	
		HYDRAULIC CIRCUIT WITH SELECTOR VALVE		
14	111B-0808	CONNECTOR	4	
15	111B-0812	CONNECTOR	4	
16	*111E-0808	CONNECTOR	1	
17	9313 X 39	HOSE	1	
18	9313 X 42	HOSE	1	
19	*9313 X 215	HOSE	1	
20	*14382 X 215	HOSE	1	
		HYDRAULIC CIRCUIT - NO SELECTOR VALVE		
21	*14A-04	LOCKWASHER	4	
22	*30A-04	NUT	4	
23	111B-0808	CONNECTOR	3	
24	111B-0812	CONNECTOR	2	
25	*111E-0808	CONNECTOR	1	
26	*111E-0812	CONNECTOR	2	
27	9313 X 39	HOSE	1	
28	9313 X 42	HOSE	1	
29	*9313 X 215	HOSE	1	
30	*14382 X 215	HOSE	1	
31	46533	PLATE	1	
32	10953	QUICK DISCONNECT ASSY.	A.R.	
33	33986	DUST CAP	A.R.	OPTIONAL
34	111M-0808	CONNECTOR	A.R.	
35		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
36		SELECTOR VALVE ASSEMBLY	REF.	SECTION 12 PAGE 14



EFFECTIVE SERIAL NUMBER(S) 19134 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 12 PAGE 9
SECCION 12 PAGINA 9

USE ONLY CHAMPION APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

PLOW & DOZER CYLINDER & CIRCUIT

FEBRUARY 1989

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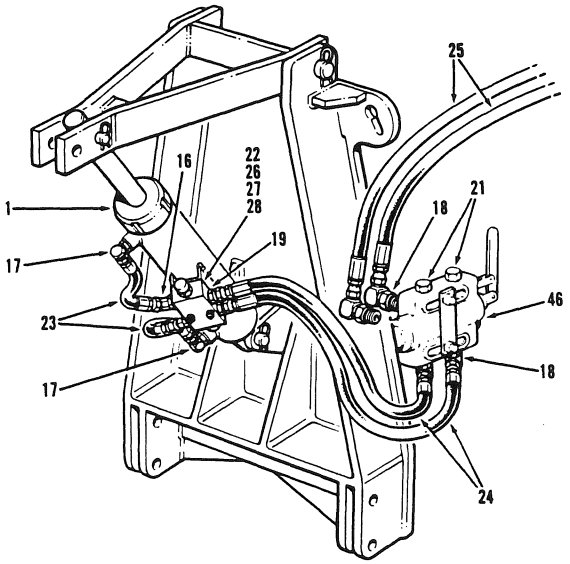
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PLOW & DOZER CYLINDER & CIRCUIT

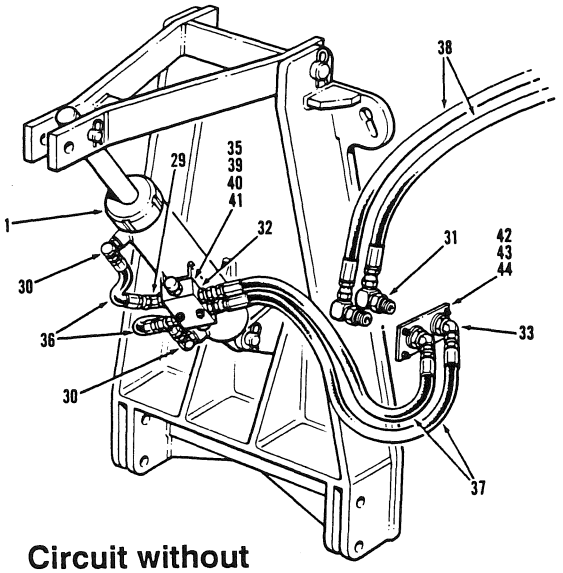
FEBRUARY 1989

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	*46332	CYLINDER ASSY. - INCLUDES ITEMS 2 TO 15	1	
2	12A-224	O RING	1	
3	*50A-1620	BOLT	1	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	CYLINDER NUT	1	
8	42151	PISTON	1	
9	*43074	WEAR RING	1	
10	44244	O RING	1	
11	*44266	BACK-UP RING	1	
12	*45734	GLAND	1	
13	*45890	BUFFER RING	1	
14	*46333	BARREL	1	
15	*46334	PISTON ROD	1	
	*48953	REPAIR KIT FOR 46332 CYLINDER ASSY. - INCLUDES ITEMS 2 TO 6, 9 TO 11 & 13	A.R.	
		HYDRAULIC CIRCUIT WITH SELECTOR VALVE		
16	111B-0808	CONNECTOR	A.R.	
17	111B-0812	CONNECTOR	4	
18	111E-0808	CONNECTOR	1	
19	*111F-0808	CONNECTOR	1	S/N 19292 & UP
20	9313 X 39	HOSE	1	
21	9313 X 42	HOSE	1	
22	9313 X 215	HOSE	1	UP TO S/N 19291
23	14382 X 215	HOSE	1or2	

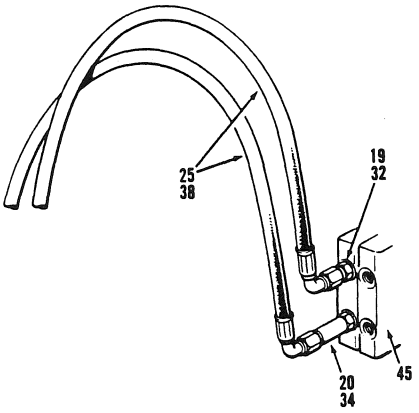
No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		HYDRAULIC CIRCUIT - NO SELECTOR VALVE		
24	111B-0808	CONNECTOR	2or3	
25	111B-0812	CONNECTOR	2	
26	111E-0808	CONNECTOR	1	
27	111E-0812	CONNECTOR	2	
28	*111F-0808	CONNECTOR	1	S/N 19292 & UP
29	9313 X 39	HOSE	1	
30	9313 X 42	HOSE	1	
31	9313 X 215	HOSE	1	
32	14382 X 215	HOSE	1or2	UP TO S/N 19291
33	46533	PLATE	1	
34	14A-04	LOCKWASHER	4	
35	30A-04	NUT	4	
36	10953	QUICK DISCONNFCT ASSY.	A.R.	OPTIONAL
37	33986	DUST CAP	A.R.	OPTIONAL
38	111M-0808	CONNECTOR	A.R.	OPTIONAL
39		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
40		SELECTOR VALVE ASSEMBLY	REF.	SECTION 12 PAGE 14

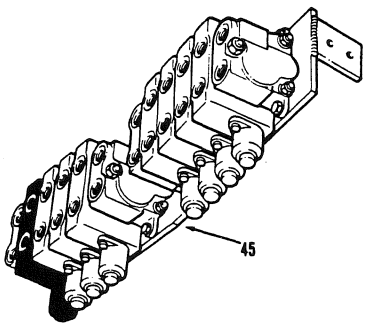


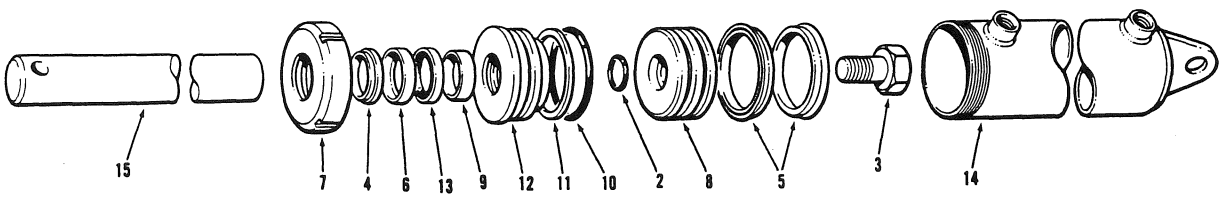
Circuit with Selector Valve



Circuit without Selector Valve







CHAMPION RO. MACHINERY

SEPTEMBER 1991

PLOW & DOZER CYLINDER & CIRCUIT

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ISSUE No. 5
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EFFECTIVE SERIAL NUMBER(S) 21481 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S) EXCLUDING 21485, 21488
NUMERO(S) DE SERIE EFECTIVO(S) & 21489

700 SERIES
SERIE 700

SECTION 12 PAGE 9
SECCION PAGINA

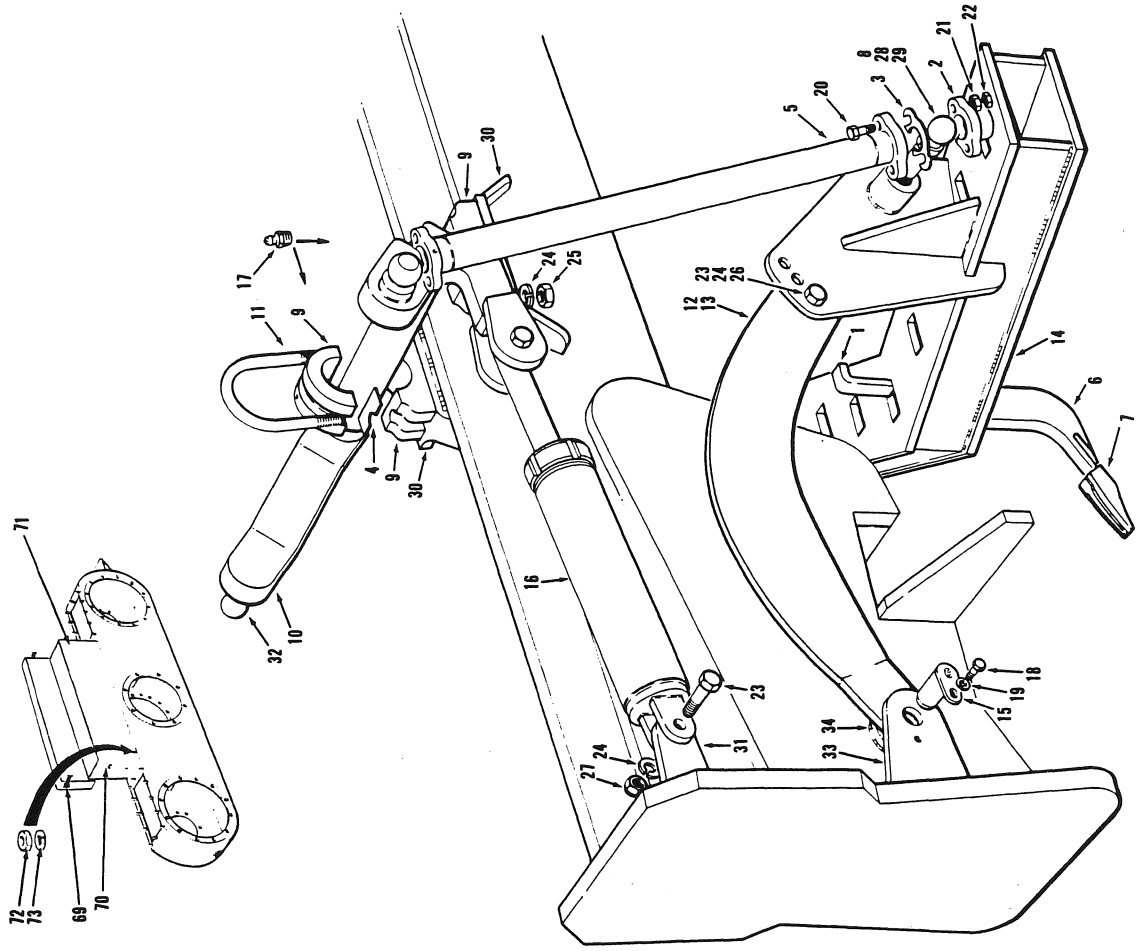
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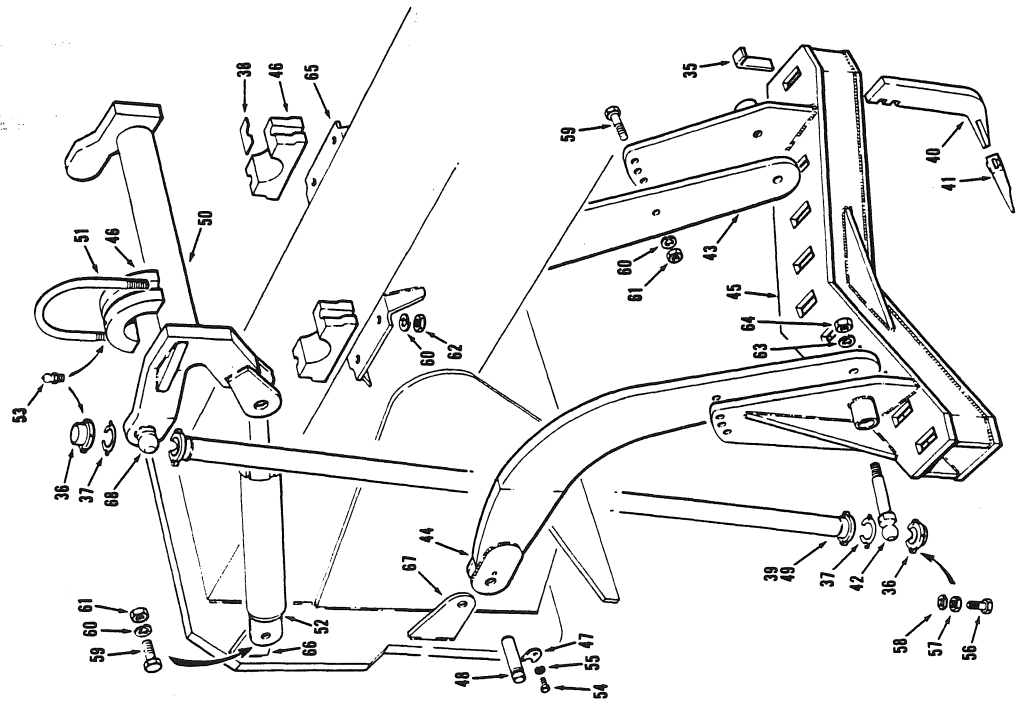
PLOW & DOZER CYLINDER & CIRCUIT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	*49771	**CYLINDER ASSEMBLY** - INCLUDES ITEMS 2 to 15	1	
	48953	**REPAIR KIT FOR 49771** - CYLINDER ASSEMBLY - INCLUDES ITEMS 2 to 6, 9 to 11 and 13	1	
2	12A-224	O-RING	1	
3	50A-1620	BOLT	1	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	CYLINDER NUT	1	
8	42151	PISTON	1	
9	43074	WEAR RING	1	
10	44244	O-RING	1	
11	44266	BACK UP RING	1	
12	45734	GLAND	1	
13	45890	BUFFER RING	1	
14	*49770	BARREL	1	
15	46334	PISTON ROD	1	
		HYDRAULIC CIRCUIT WITH SELECTOR VALVE		
16	*111A-0808	CONNECTOR	2	
17	111B-0808	CONNECTOR	2	
18	111B-0812	CONNECTOR	4	
19	111E-0808	CONNECTOR	3	
20	111F-0808	CONNECTOR	1	
21	*11H-12	PLUG	2	
22	*49840	LOCK VALVE	1	
23	*9313 x 9	HOSE	2	
24	9313 x 42	HOSE	2	
25	14382 x 215	HOSE	2	
26	50A-0612	BOLT	2	
27	14A-06	LOCKWASHER	2	
28	*38A-0602	CAGE NUT	2	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		HYDRAULIC CIRCUIT - NO SELECTOR VALVE		
29	*111A-0808	CONNECTOR	2	
30	111B-0808	CONNECTOR	2	
31	111B-0812	CONNECTOR	2	
32	111E-0808	CONNECTOR	3	
33	*111A-0812	CONNECTOR	2	
34	111F-0808	CONNECTOR	1	
35	*49840	LOCK VALVE	1	
36	9313 x 9	HOSE	2	
37	9313 x 42	HOSE	2	
38	14382 x 215	HOSE	2	
39	50A-0612	BOLT	2	
40	14A-06	LOCK WASHER	2	
41	*38A-0602	CAGE NUT	2	
42	46533	COUPLING PLATE	1	
43	14A-04	LOCKNUT	4	
44	30A-04	NUT	4	
45		**MANIFOLD VALVE ASSEMBLY**	REF.	Sect 4 Pg 7
46		**SELECTOR VALVE ASSEMBLY**	REF.	Sect 12 Pg 13

CHAMPION ROAD MACHINERY





SCARIFIER ASSEMBLY

JANUARY 1987

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION A

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EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
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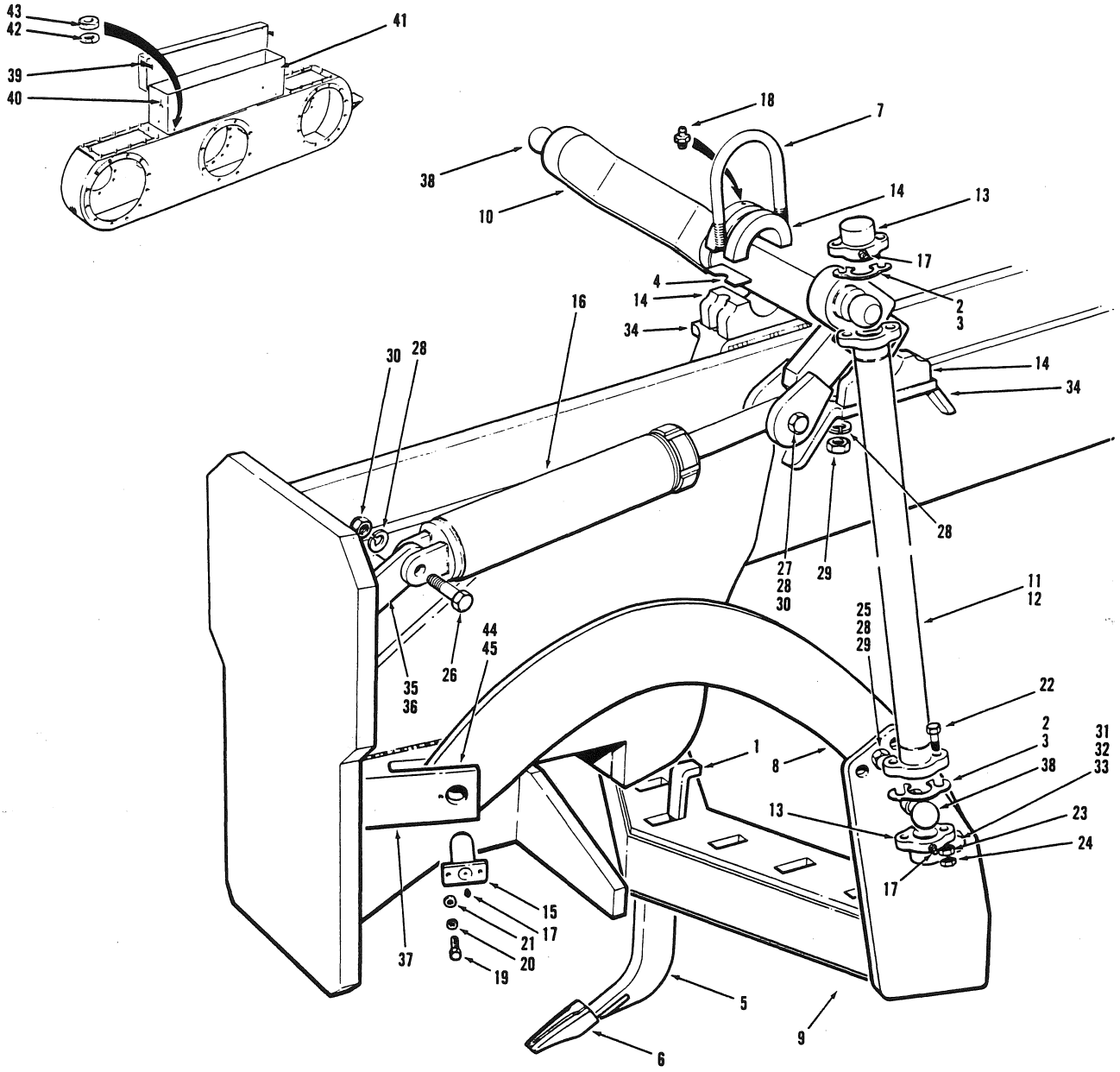
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 12 PAGE 11
SECCION PAGINA

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		SCARIFIER ASSEMBLY - MODEL 710 & 710A		
1	98	WEDGE	9	
2	135A	BALL CAP	4	
3	136	SHIM	A.R.	
4	5143	SHIM	A.R.	
5	6891	LIFT LINK	2	
6	8110	TOOTH SHANK	9	
7	8111	TOOTH TIP	9	
8	9921	BALL STUD	2	
9	12260	PILLOW BLOCK	2	
10	17669	ARM ASSY.	1	
11	17671	U-BOLT	2	
12	33739-1	DRAWBAR - L.H.	1	
13	33739-2	DRAWBAR - R.H.	1	
14	33741	BOX ASSY.	1	
15	34341	DRAW PIN	1	
16		SCARIFIER CYLINDER ASSEMBLY	REF.	SECTION 12 PAGES 13/14
17	29A-02	GREASE FITTING	6	
18	51A-0603	BOLT	2	
19	14A-06	LOCKWASHER	2	
20	51A-0820	BOLT	8	
21	31A-08	NUT	8	
22	37K-08	NUT	8	
23	51A-1624	BOLT	4	
24	14A-16	LOCKWASHER	7	
25	30A-16	NUT	4	
26	31A-16	NUT	3	
27	37H-16	NUT	1	
28	14A-20	LOCKWASHER	2	
29	31A-20	NUT	2	
30	17207-1	BRACKET	2	REPAIR PARTS
31	17207-2	ANCHOR LUG	1	
32	17669-25	BALL STUD	2	
33	33740-2	ANCHOR LUG	2	
34	33740-3	PIN SUPPORT	2	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		SCARIFIER ASSEMBLY - MODEL 720 THRU 760		
35	98	WEDGE	11	
36	135A	BALL CAP	4	
37	136	SHIM	A.R.	
38	5143	SHIM	A.R.	
39	6891	LIFT LINK	2	13:00, 14:00 &17.5 TIRES
40	8110	TOOTH SHANK	11	
41	8111	TOOTH TIP	11	
42	9921	BALL STUD	2	
43	12161	DRAWBAR - R.H.	1	
44	12162	DRAWBAR - L.H.	1	
45	12217	BOX ASSY.	1	
46	12260	PILLOW BLOCK	2	
47	12274	DRAWPIN KEEPER	2	
48	13036	DRAWPIN	2	
49	14440	LIFT LINK	2	16:00 & 18.4 TIRES
50	17669	ARM ASSY.	1	
51	17671	U-BOLT	2	
52		SCARIFIER CYLINDER ASSEMBLY	REF.	SECTION 12 PAGES 13/14
53	29A-02	GREASE FITTING	6	
54	51A-0603	BOLT	2	
55	14A-06	LOCKWASHER	2	
56	51A-0820	BOLT	8	
57	31A-08	NUT	8	
58	37K-08	NUT	8	
59	51A-1624	BOLT	4	
60	14A-16	LOCKWASHER	8	
61	37H-16	NUT	4	
62	30A-16	NUT	4	
63	14A-20	LOCKWASHER	2	
64	31A-20	NUT	2	
65	17207-1	BRACKET	2	REPAIR PARTS
66	17207-2	ANCHOR LUG	1	
67	17207-3	ANCHOR LUG	2	
68	17669-25	BALL STUD	2	
		SCARIFIER TEETH STORAGE BOX INSTALLATION		OPTIONAL
69	*18288	RUBBER FASTENER	2	
70	*18289	RUBBER FASTENER BRACKET	2	
71	*45434	STORAGE BOX ASSEMBLY	1	
72	*14A-06	LOCKWASHER	4	
73	*30A-06	NUT	4	



SCARIFIER

APRIL 1990

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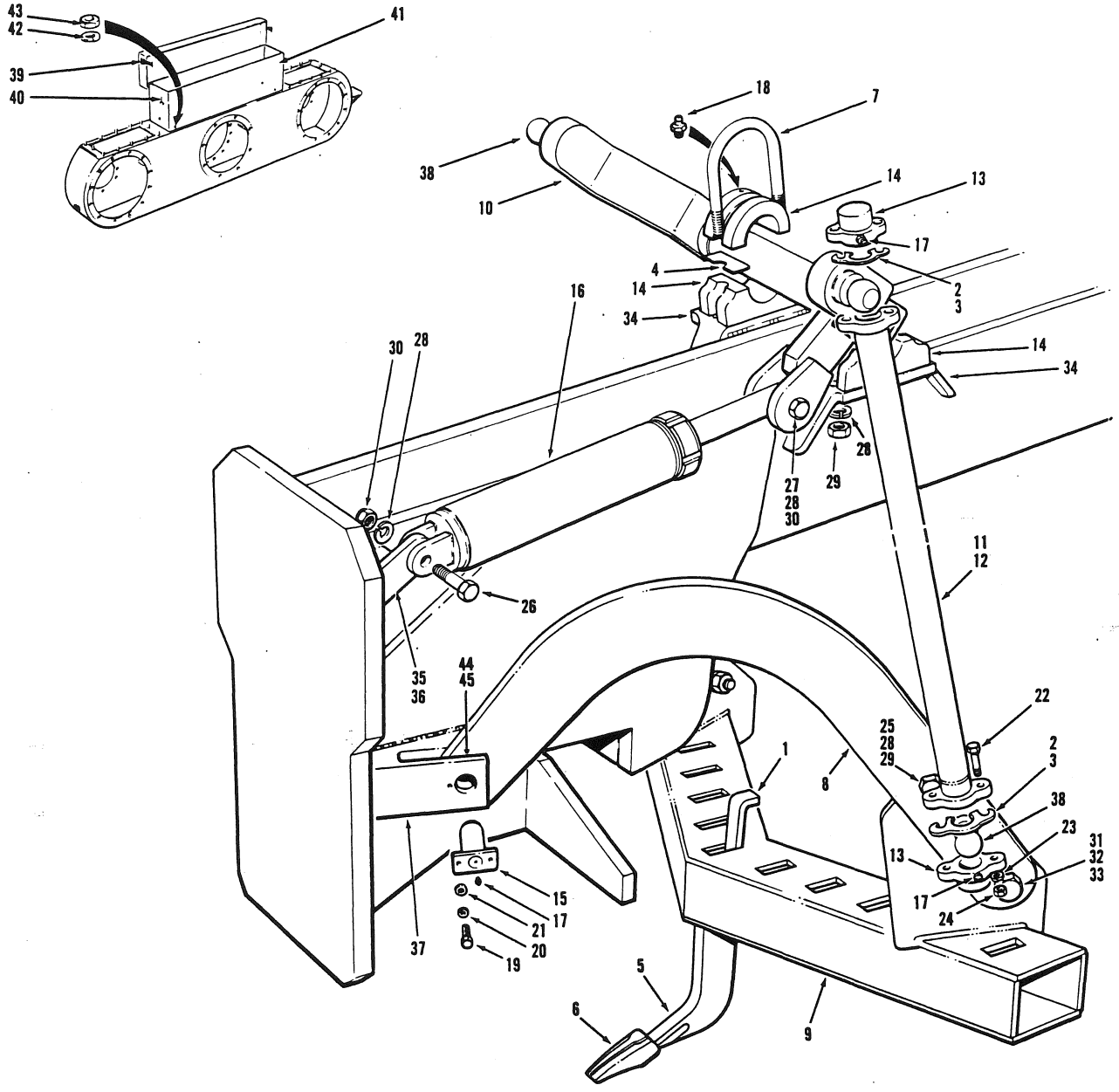
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NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

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SCARIFIER

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	98	WEDGE	11	
2	*136A	SHIM - .010"	A.R.	
3	*136B	SHIM - .020"	A.R.	
4	5143	SHIM	A.R.	
5	8110	TOOTH SHANK	11	
6	8111	TOOTH TIP	11	
7	17671	U BOLT	2	
8	*48512	DRAWBAR	2	
9	*54927	BOX ASSEMBLY	1	
10	*54935	ARM ASSEMBLY	1	
11	*54972	LIFT LINK - L.H.	1	
12	*54973	LIFT LINK - R.H.	1	
13	*55119	BALL CAP	4	
14	*55205	PILLOW BLOCK	2	
15	*57160	DRAW PIN	2	
16		SCARIFIER CYLINDER ASSEMBLY	REF.	SECT. 12 PG. 13
17	*28A-04	GREASE FITTING	6	
18	*28B-04	GREASE FITTING	2	
19	*50A-0610	BOLT	2	
20	*14A-06	LOCKWASHER	2	
21	*14C-06	FLATWASHER	2	
22	*50A-0820	BOLT	8	
23	*14A-08	LOCKWASHER	8	
24	*30A-08	NUT	8	
25	*50A-1628	BOLT	2	
26	*50A-1632	BOLT	2	
27	*50A-1640	BOLT	1	
28	14A-16	LOCKWASHER	6	
29	30A-16	NUT	2	
30	36N-16	LOCKNUT	2	
31	*50A-2436	BOLT	2	
32	*14A-24	LOCKWASHER	2	
33	*30A-24	NUT	2	
34	17207-1	BRACKET	2	WELDED PARTS
35	17207-2	ANCHOR LUG	1	
36	*33766	GUSSET	1	
37	*57161	PIVOT BLOCK	2	
38	17669-25	BALL STUD	4	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		SCARIFIER TOOTH STORAGE BOX		**OPTIONAL**
39	18288	RUBBER FASTENER	2	
40	18289	BRACKET	2	
41	*45435	STORAGE BOX ASSEMBLY	1	
42	14A-06	LOCKWASHER	4	
43	*30A-06	NUT	4	
44	*18340	BEARING	2	
45	*19B-244	RETAINER RING	2	



SCARIFIER

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Nº DE EDICION 3

EFFECTIVE SERIAL NUMBER(S) 21481 TO 21646
NUMERO(S) DE SÉRIE EFFECTIF(S) EXCLUDING 21488
NUMERO(S) DE SERIE EFECTIVO(S)

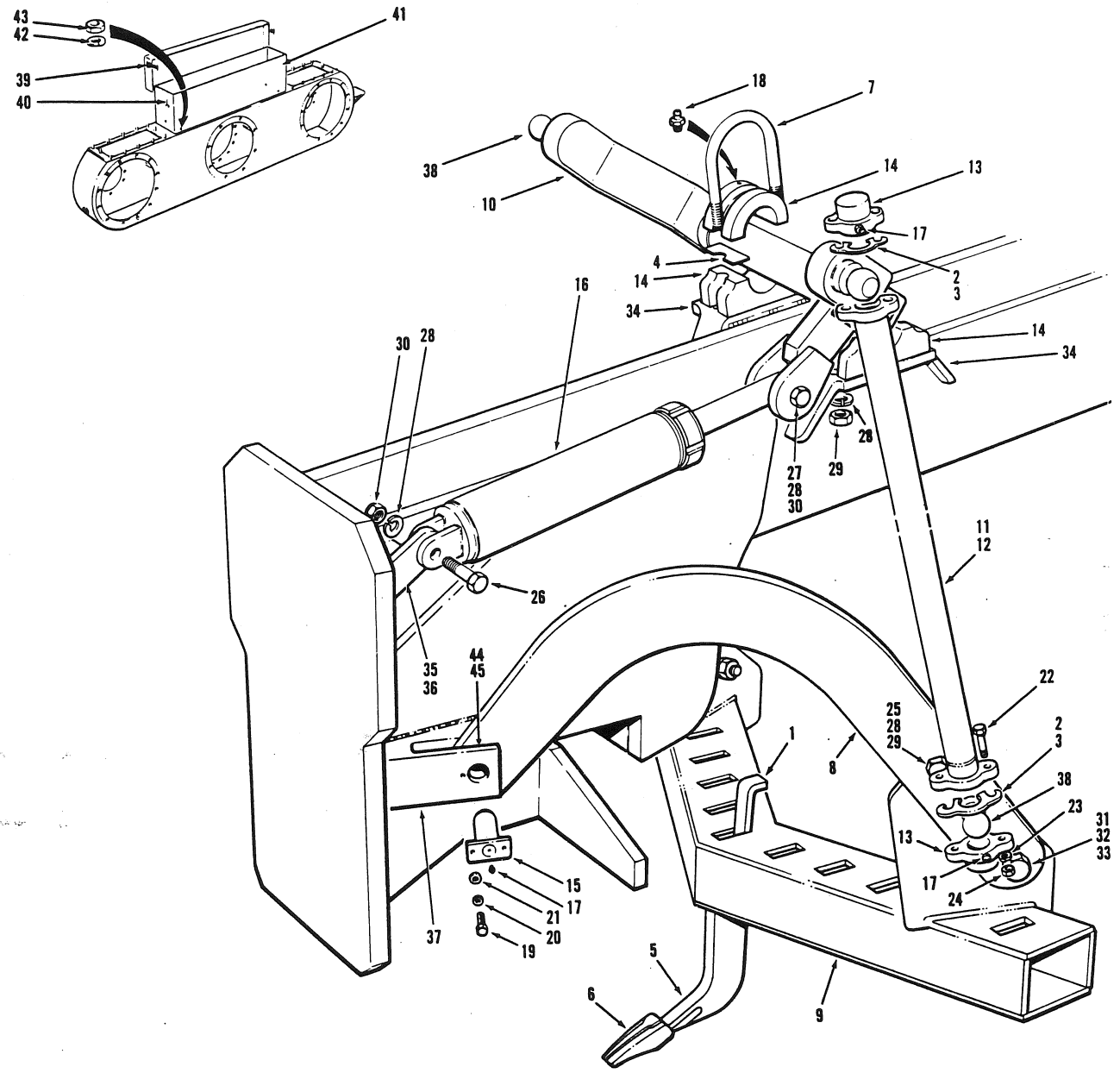
SECTION / SECCION 12 | PAGE / PAGINA 12 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 3

SCARIFIER

JUNE 1991

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	98	WEDGE	11	
2	136A	SHIM - .010"	A.R.	
3	136B	SHIM - .020"	A.R.	
4	5143	SHIM	A.R.	
5	8110	TOOTH SHANK	11	
6	8111	TOOTH TIP	11	
7	17671	U BOLT	2	
8	*58889	DRAWBAR - R.H.	1	
	*58890	DRAWBAR - L.H.	1	
9	*58887	BOX ASSEMBLY	1	
10	54935	ARM ASSEMBLY	1	
11	54972	LIFT LINK - L.H.	1	
12	54973	LIFT LINK - R.H.	1	
13	55119	BALL CAP	4	
14	55205	PILLOW BLOCK	2	
15	57160	DRAW PIN	2	
16		SCARIFIER CYLINDER ASSEMBLY	REF.	Sect 12 Pg 13
17	28A-04	GREASE FITTING	6	
18	28B-04	GREASE FITTING	2	
19	50A-0610	BOLT	2	
20	14A-06	LOCKWASHER	2	
21	14C-06	FLATWASHER	2	
22	50A-0820	BOLT	8	
23	14A-08	LOCKWASHER	8	
24	30A-08	NUT	8	
25	50A-1628	BOLT	2	
26	50A-1632	BOLT	2	
27	50A-1640	BOLT	1	
28	14A-16	LOCKWASHER	6	
29	30A-16	NUT	2	
30	36N-16	LOCKNUT	2	
31	50A-2436	BOLT	2	
32	14A-24	LOCKWASHER	2	
33	30A-24	NUT	2	
34	17207-1	BRACKET	2	Repair Parts
35	17207-2	ANCHOR LUG	1	
36	33766	GUSSET	1	
37	*58768	PIVOT BLOCK	2	
38	17669-25	BALL STUD	4	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		SCARIFIER TOOTH STORAGE BOX		**OPTIONAL**
39	18288	RUBBER FASTENER	2	
40	18289	BRACKET	2	
41	45435	STORAGE BOX ASSEMBLY	1	
42	14A-06	LOCKWASHER	4	
43	30A-06	NUT	4	
44	18340	BEARING	2	
45	19B-244	RETAINER RING	2	



FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

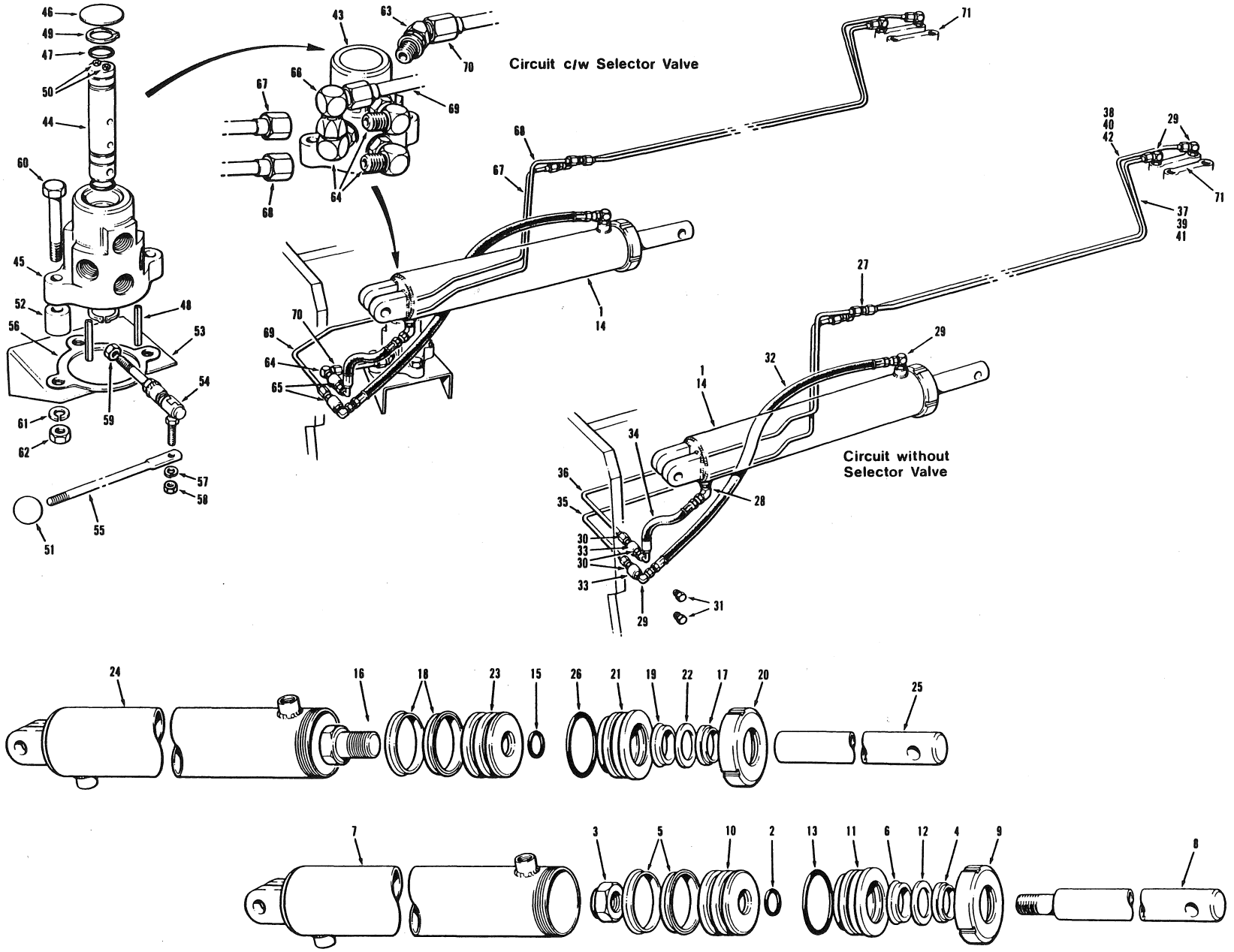
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

SCARIFIER

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	98	WEDGE	11	
2	136A	SHIM - .010"	A.R.	
3	136B	SHIM - .020"	A.R.	
4	5143	SHIM	A.R.	
5	8110	TOOTH SHANK	11	
6	8111	TOOTH TIP	11	
7	17671	U BOLT	2	
8	*58998	DRAWBAR - R.H.	1	
	*58999	DRAWBAR - L.H.	1	
9	58887	BOX ASSEMBLY	1	
10	54935	ARM ASSEMBLY	1	
11	54972	LIFT LINK - L.H.	1	
12	54973	LIFT LINK - R.H.	1	
13	55119	BALL CAP	4	
14	55205	PILLOW BLOCK	2	
15	57160	DRAW PIN	2	
16		SCARIFIER CYLINDER ASSEMBLY	REF.	Sect 12 Pg 13
17	28A-04	GREASE FITTING	6	
18	28B-04	GREASE FITTING	2	
19	50A-0610	BOLT	2	
20	14A-06	LOCKWASHER	2	
21	14C-06	FLATWASHER	2	
22	50A-0820	BOLT	8	
23	14A-08	LOCKWASHER	8	
24	30A-08	NUT	8	
25	50A-1628	BOLT	2	
26	50A-1632	BOLT	2	
27	50A-1640	BOLT	1	
28	14A-16	LOCKWASHER	6	
29	30A-16	NUT	2	
30	36N-16	LOCKNUT	2	
31	50A-2436	BOLT	2	
32	14A-24	LOCKWASHER	2	
33	30A-24	NUT	2	
34	17207-1	BRACKET	2	Repair Parts
35	17207-2	ANCHOR LUG	1	
36	33766	GUSSET	1	
37	58768	PIVOT BLOCK	2	
38	17669-25	BALL STUD	4	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		SCARIFIER TOOTH STORAGE BOX		**OPTIONAL**
39	18288	RUBBER FASTENER	2	
40	18289	BRACKET	2	
41	45435	STORAGE BOX ASSEMBLY	1	
42	14A-06	LOCKWASHER	4	
43	30A-06	NUT	4	
44	18340	BEARING	2	
45	19B-244	RETAINER RING	2	



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1 REVISION B

SCARIFIER CYLINDER, SELECTOR VALVE & CIRCUIT

FEBRUARY 1988

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 12 PAGE
SECCION PAGINA 13

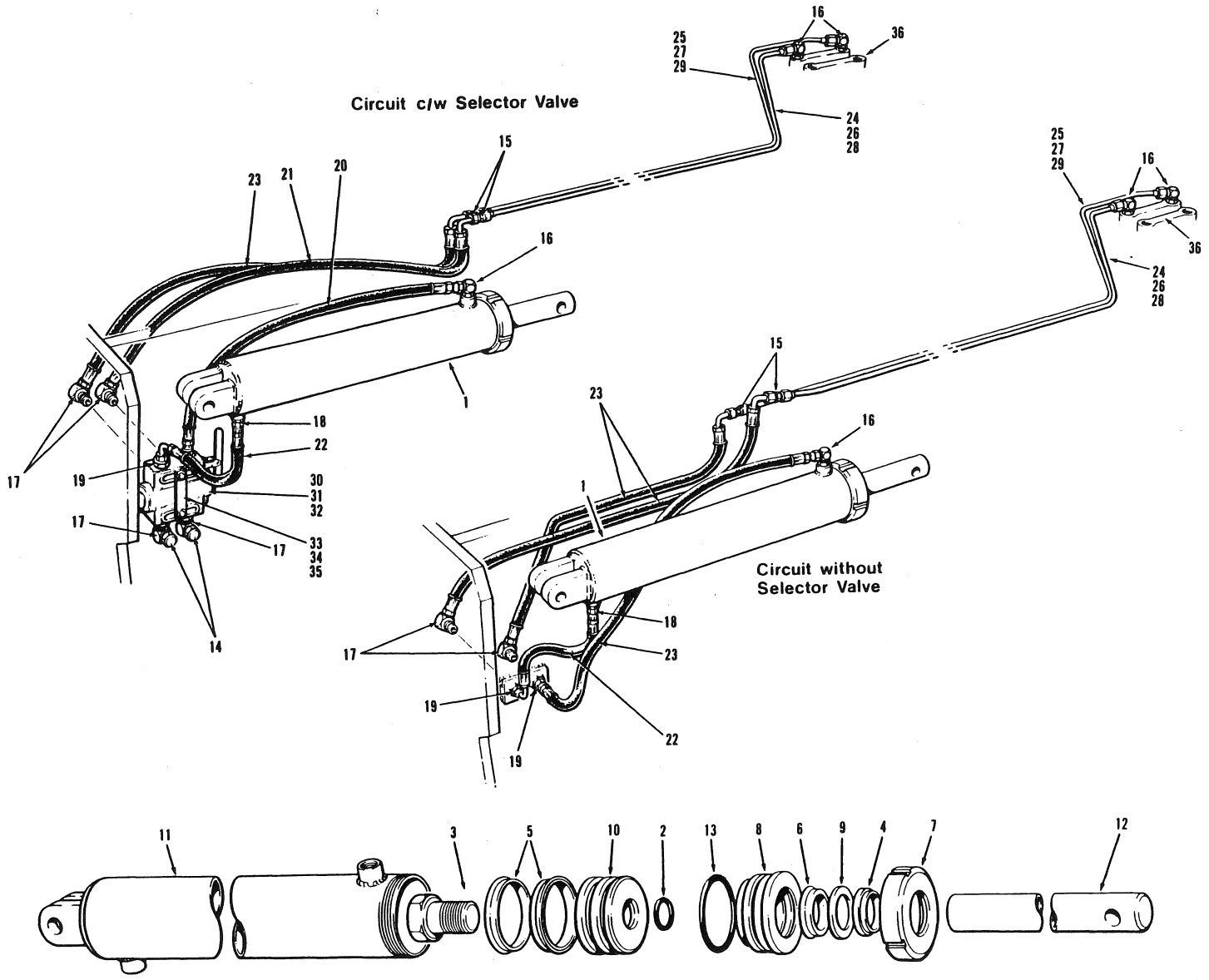
USE ONLY CHAMPION APPROVED PARTS

SECTION / SECCION 12 | PAGE / PAGINA 14 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 1 REVISION B

SCARIFIER CYLINDER, SELECTOR VALVE & CIRCUIT

FEBRUARY 1988

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	12190	SCARIFIER CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 13	1	UP TO APPROX. S/N 17467
2	12A-218	O RING	1	
3	37H-20	LOCKNUT	1	UP TO U.S.
4	12035	WIPER RING	1	APPROX.
5	12036	PISTON SEAL	2	S/N 2563-2
6	12037	ROD SEAL	1	
7	12191	BARREL	1	
8	17203	PISTON ROD	1	
9	17608	NUT	1	
10	17609	PISTON	1	
11	17610	GLAND	1	
12	17614	WASHER	1	
13	44244	O RING	1	
	26409	REPAIR KIT FOR 12190 CYLINDER ASSY. - INCLUDES ITEMS 2 TO 6, 12 & 13	A.R.	
14	42754	SCARIFIER CYLINDER ASSEMBLY - INCLUDES ITEMS 15 TO 26	1	APPROX. S/N 17468
15	12A-224	O RING	1	& UP
16	51A-1624	BOLT	1	U.S. S/N
17	12035	WIPER RING	1	APPROX.
18	12036	PISTON SEAL	2	2564-2 & UP
19	12037	ROD SEAL	1	
20	17608	NUT	1	
21	17610	GLAND	1	
22	17614	WASHER	1	
23	42151	PISTON	1	
24	42755	CYLINDER BARREL	1	
25	42756	PISTON ROD	1	
26	44244	O RING	1	
	43182	REPAIR KIT FOR 42754 CYLINDER ASSY. - INCLUDES ITEMS 15 TO 19, 22 & 26		
27	110L-08	CONNECTOR	2	
28	111A-0808	CONNECTOR	1	
29	111B-0808	CONNECTOR	4	
30	111E-0808	CONNECTOR	3	
31	111H-08	PLUG	A.R.	
32	9313 X 36	HOSE	1	
33	12299	COUPLING	A.R.	REPAIR PART
34	14382 X 12	HOSE	1	
35	17475	TUBE	1	
36	17476	TUBE	1	
37	41270	TUBE - L.H.	1	MODEL 710 & 710A
38	41271	TUBE - R.H.	1	
39	41282	TUBE - L.H.	1	MODEL 720 THRU 730A
40	41283	TUBE - R.H.	1	
41	41294	TUBE - L.H.	1	MODEL 740 THRU 780A
42	41295	TUBE - R.H.	1	
		SELECTOR VALVE & CIRCUIT		
43	17205	SELECTOR VALVE ASSY. - INCLUDES ITEMS 44 TO 50	1	
44		SPOOL } MATCHED SET -	1	
45		BODY } ONLY SUPPLIED WITH ASSEMBLY	1	
46	11A-200	PLUG	1	
47	12A-214	O RING	2	
48	13J-0832	ROLL PIN	2	
49	19C-125	SNAP RING	2	
50	115D-02	PLUG	2	
51	2772	BALL	1	
52	16069	SPACER	3	
53	17529	BRACKET	1	
54	17530	LEVER	1	
55	19226	ROD	1	
56	41384	GASKET	1	
57	14A-05	LOCKWASHER	1	
58	31A-05	NUT	1	
59	30A-06	NUT	1	
60	50A-0824	BOLT	3	
61	14A-08	LOCKWASHER	3	
62	30A-08	NUT	3	
63	111A-0808	CONNECTOR	2	
64	111B-0808	CONNECTOR	8	
65	111E-0808	CONNECTOR	2	
66	112B-08	CONNECTOR	1	
67	17453	TUBE	1	
68	17454	TUBE	1	
69	17457	TUBE	1	
70	17458	TUBE	1	
71		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2

SCARIFIER CYLINDER, SELECTOR VALVE & CIRCUIT

FEBRUARY 1988

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

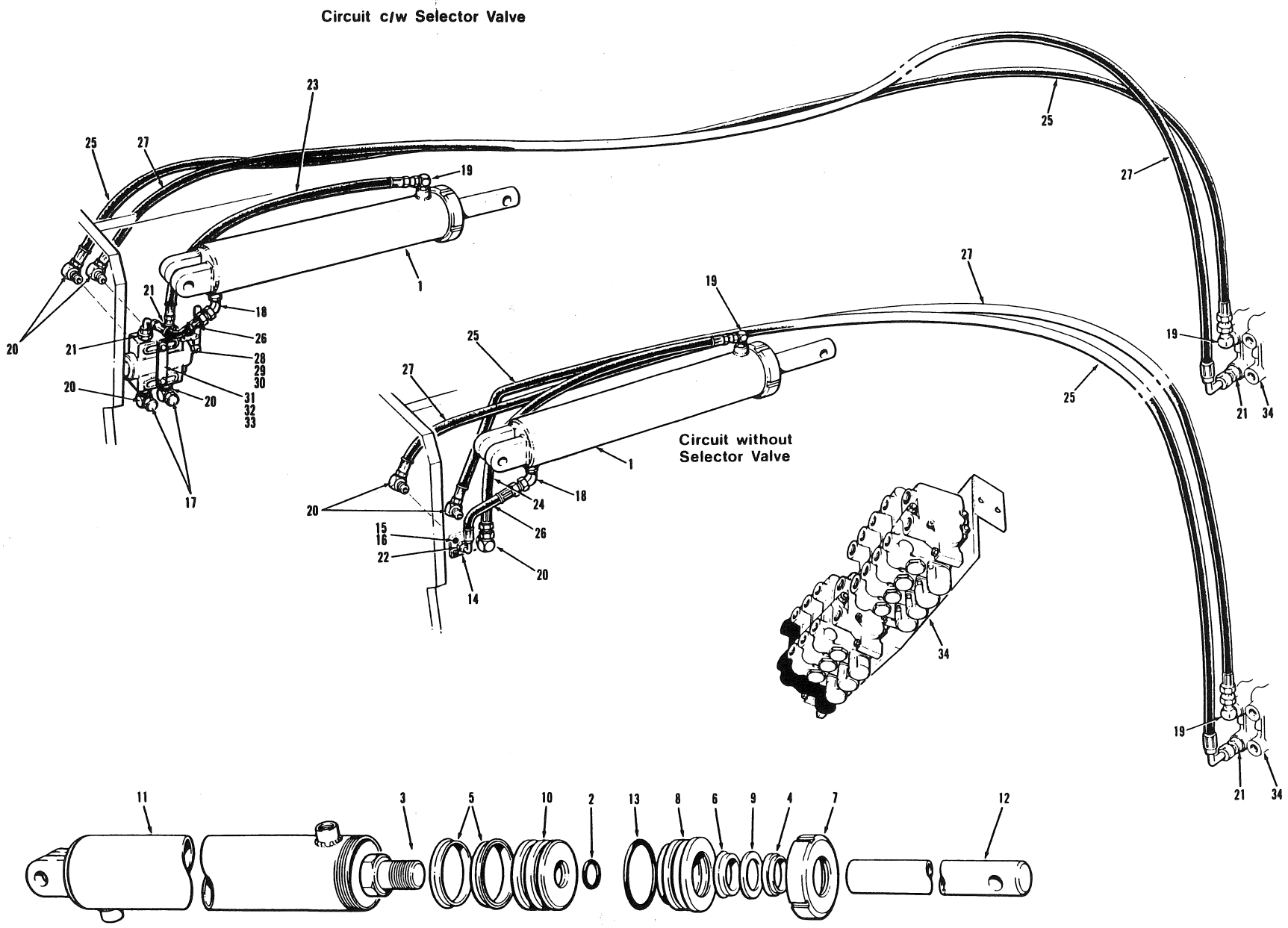
EFFECTIVE SERIAL NUMBER(S) 18096 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

SCARIFIER CYLINDER, SELECTOR VALVE & CIRCUIT

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	42754	SCARIFIER CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 13	1	
2	12A-224	O RING	1	
3	51A-1624	BOLT	1	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	NUT	1	
8	17610	GLAND	1	
9	17614	WASHER	1	
10	42151	PISTON	1	
11	42755	CYLINDER BARREL	1	
12	42756	PISTON ROD	1	
13	44244	O RING	1	
	43182	REPAIR KIT FOR 42754 CYLINDER ASSY. - INCLUDES ITEMS 2 TO 6, 9 & 13		
14	*110E-08	CAP	4	
15	110L-08	CONNECTOR	2	
16	111B-0808	CONNECTOR	4	
17	*111B-0812	CONNECTOR	2	
18	111E-0808	CONNECTOR	3	
19	*111E-0812	CONNECTOR	2	
20	*9313 X 33	HOSE	1	
21	9313 X 36	HOSE	1	
22	14282 X 12	HOSE	1	
23	*14382 X 36	HOSE	2	
24	41270	TUBE - L.H.	1	MODEL 710 & 710A
25	41271	TUBE - R.H.	1	
26	41282	TUBE - L.H.	1	MODEL 720 THRU 730A
27	41283	TUBE - R.H.	1	
28	41294	TUBE - L.H.	1	MODEL 740 THRU 780A
29	41295	TUBE - R.H.	1	
		SELECTOR VALVE & CIRCUIT		
30	*46022	SELECTOR VALVE ASSY.		
31	*48115	O RING	2	REPAIR PART
32	*48116	RING RETAINER	1	REPAIR PART
33	*43773	BAR	1	
34	14A-06	LOCKWASHER	4	
35	30A-06	NUT	4	
36		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8



ISSUE No.
Nº D'ÉMISSION
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SCARIFIER CYLINDER, SELECTOR VALVE & CIRCUIT

MARCH 1988

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

SECTION / SECCION 12 | PAGE / PAGINA 14 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 3

SCARIFIER CYLINDER, SELECTOR VALVE & CIRCUIT

MARCH 1988

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	42754	SCARIFIER CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 13	1	
2	12A-224	O RING	1	
3	51A-1624	BOLT	1	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	NUT	1	
8	17610	GLAND	1	
9	17614	WASHER	1	
10	42151	PISTON	1	
11	42755	CYLINDER BARREL	1	
12	42756	PISTON ROD	1	
13	44244	O RING	1	
	43182	REPAIR KIT FOR 42754 CYLINDER ASSY. - INCLUDES ITEMS 2 TO 6,9 & 13		
14	*46533	COUPLING PLATE	1	
15	*14A-04	LOCKWASHER	4	
16	*30A-04	NUT	4	
17	110E-08	CAP	4	
18	*111A-0808	CONNECTOR	1	
19	111B-0808	CONNECTOR	2	
20	111B-0812	CONNECTOR	3or4	
21	111E-0808	CONNECTOR	1or3	
22	111E-0812	CONNECTOR	1	
23	9313 X 33	HOSE	1	
24	9313 X 36	HOSE	1	
25	*9313 X 215	HOSE	1	
26	*14382 X 12	HOSE	1	
27	*14382 x 215	HOSE	1	

SELECTOR VALVE & CIRCUIT

No. / Nº / Nº	PART No. / Nº DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
28	46022	SELECTOR VALVE ASSY.		
29	48115	O RING	2	REPAIR
30	48116	RING RETAINER	1	PART
31	43773	BAR	1	
32	14A-06	LOCKWASHER	2	
33	30A-06	NUT	2	
34		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

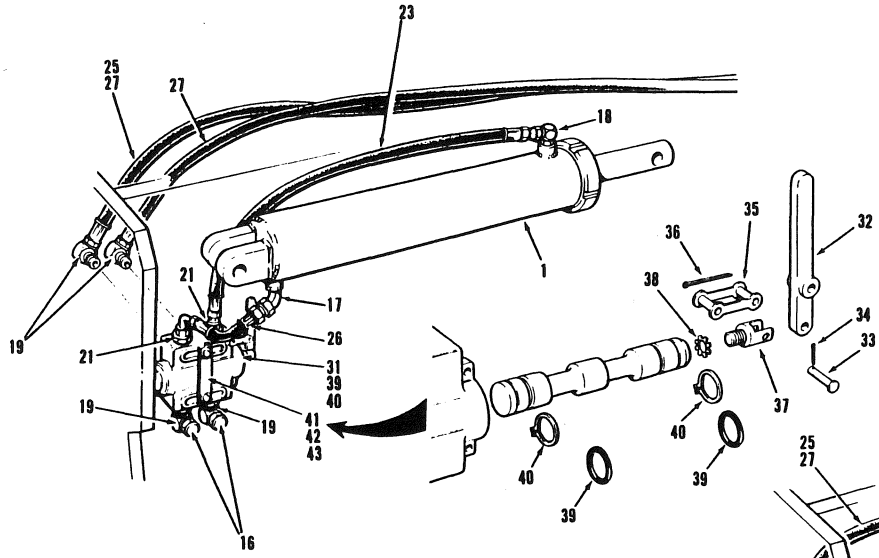
19258 & UP

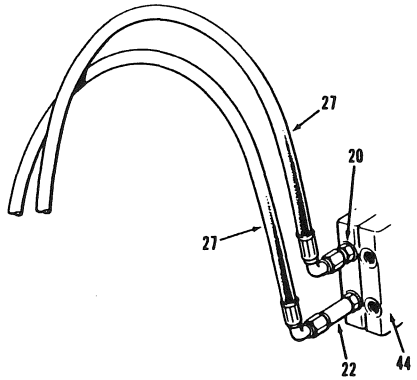
700 SERIES
SERIE 700

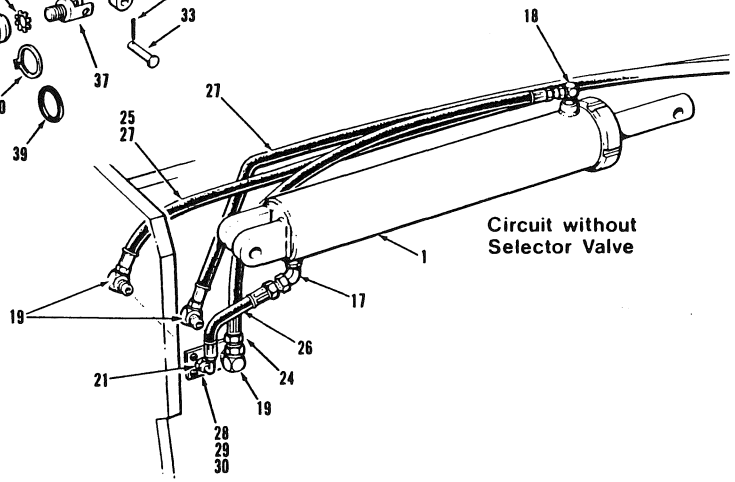
SECTION 12 PAGE 13
SECCION 12 PAGINA 13

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

Circuit c/w Selector Valve

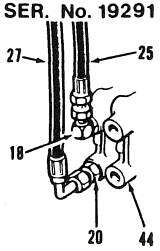


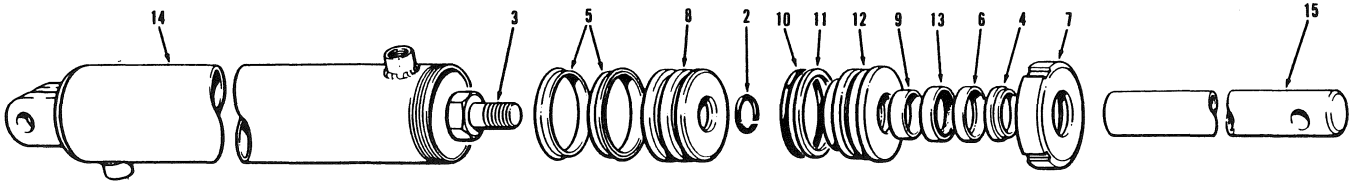


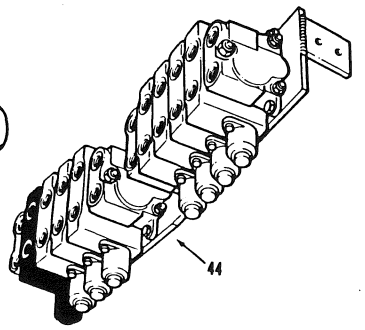


Circuit without Selector Valve

UP TO SER. No. 19291







ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4 REVISION A

SCARIFIER CYLINDER, SELECTOR VALVE & CIRCUIT

APRIL 1990

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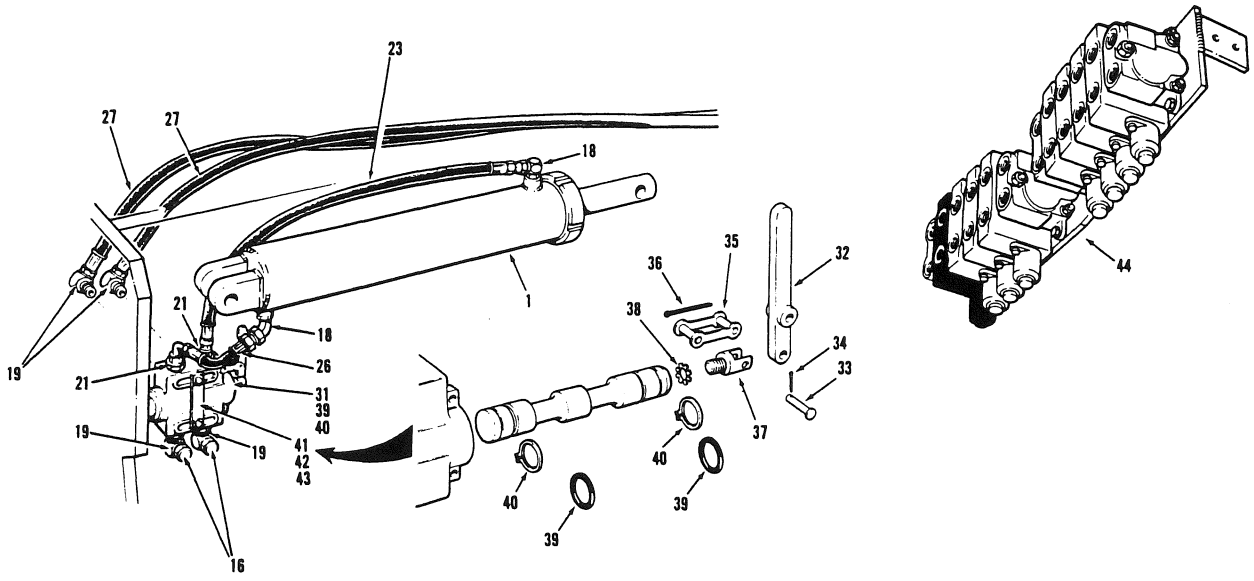
SCARIFIER CYLINDER, SELECTOR VALVE & CIRCUIT

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	46323	SCARIFIER CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 15	1	
	48953	REPAIR KIT FOR 46323 CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 6, 9 TO 11 & 13		
2	12A-224	O RING	1	
3	50A-1620	BOLT	1	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	CYLINDER NUT	1	
8	42151	PISTON	1	
9	43074	WEAR RING	1	
10	44244	O RING	1	
11	44266	BACK-UP RING	1	
12	45734	GLAND	1	
13	45890	BUFFER RING	1	
14	46324	CYLINDER BARREL	1	
15	46325	PISTON ROD	1	
16	110E-08	CAP	2	
17	111A-0808	CONNECTOR	1	
18	111B-0808	CONNECTOR	1 or 2	
19	111B-0812	CONNECTOR	3 or 4	
20	111E-0808	CONNECTOR	1	
21	111E-0812	CONNECTOR	1	
22	111F-0808	CONNECTOR	1	S/N 19292 & UP
23	9313 x 33	HOSE	1	
24	9313 x 36	HOSE	1	
25	9313 x 215	HOSE	1	UP TO S/N 19291
26	14382 x 12	HOSE	1	
27	14382 x 215	HOSE	1 or 2	
28	46533	COUPLING PLATE	1	
29	14A-04	LOCKWASHER	4	
30	30A-04	NUT	4	

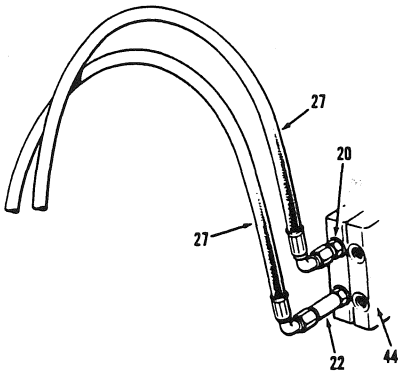
No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
		SELECTOR VALVE		
31	46022	SELECTOR VALVE ASSEMBLY		
	*56769	HANDLE KIT - INCLUDES ITEMS 32 TO 36	1	
32		HANDLE	1	
33		PIN	1	
34		COTTER PIN	1	
35		LINK	1	
36		COTTER PIN	1	
	*56770	CLEVIS ADAPTER - INCLUDES ITEMS 37 & 38	1	
37		CLEVIS	1	
38		LOCKWASHER	1	
39	48115	O RING	2	REPAIR PART
40	48116	SNAP RING	2	
41	43773	BAR	1	
42	14A-06	LOCKWASHER	2	
43	30A-06	NUT	2	
44		MANIFOLD VALVE ASSEMBLY	REF.	SECT. 4 PAGE 8

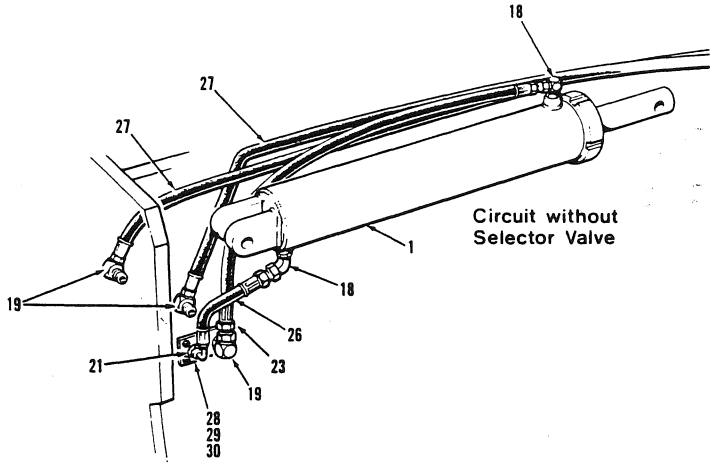
SCARIFIER CYLINDER, SELECTOR VALVE & CIRCUIT

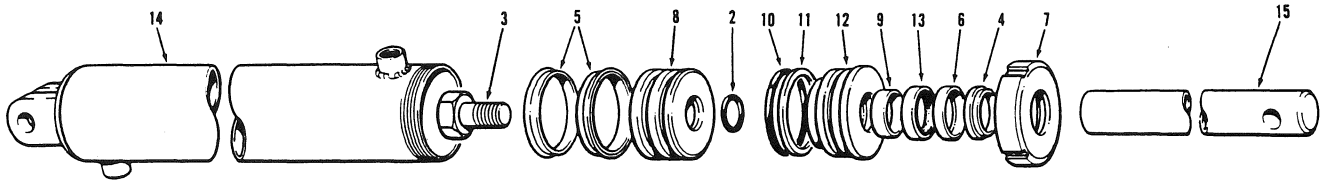
FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO



Circuit c/w Selector Valve







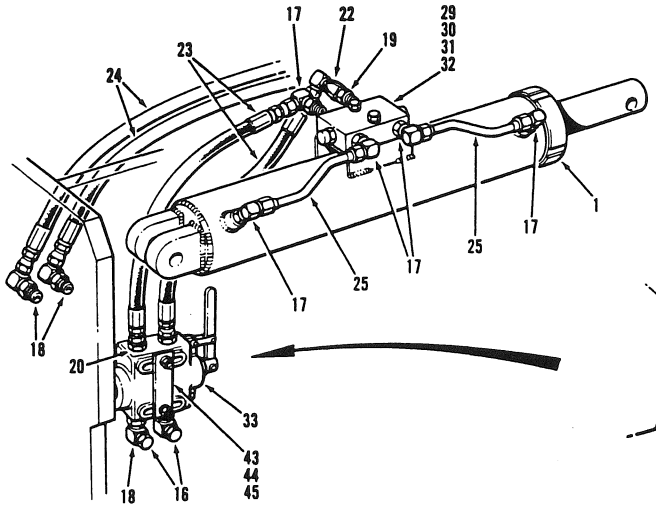
ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 5

EFFECTIVE SERIAL NUMBER(S) 21481 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S) EXCEPT 21485, 21488
NUMERO(S) DE SERIE EFECTIVO(S) & 21489

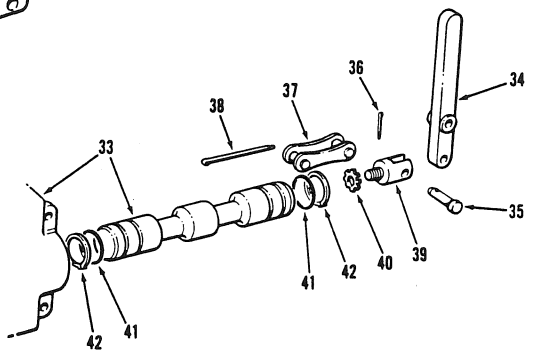
SCARIFIER CYLINDER, SELECTOR VALVE & CIRCUIT

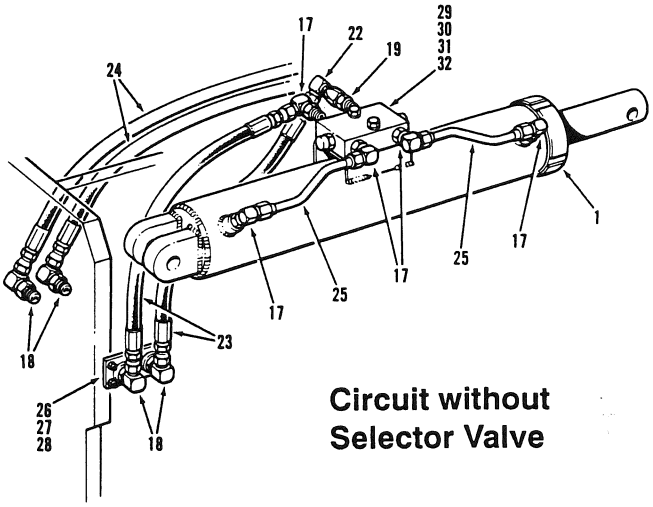
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	*49753	**SCARIFIER CYLINDER ASSEMBLY** - INCLUDES ITEMS 2 to 15	1	
	48953	**REPAIR KIT FOR 49753 -** CYLINDER ASSEMBLY - INCLUDES ITEMS 2 to 6, 9 to 11 & 13		
2	12A-224	O-RING	1	
3	50A-1620	BOLT	1	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	CYLINDER NUT	1	
8	42151	PISTON	1	
9	43074	WEAR RING	1	
10	44244	O-RING	1	
11	44266	BACK-UP RING	1	
12	45734	GLAND	1	
13	45890	BUFFER RING	1	
14	*49752	CYLINDER BARREL	1	
15	46325	PISTON ROD	1	
16	110E-08	CAP	2	
18	111B-0808	CONNECTOR	1 or 2	
19	111B-0812	CONNECTOR	3 or 4	
20	111E-0808	CONNECTOR	1	
21	111E-0812	CONNECTOR	1	
22	111F-0808	CONNECTOR	1	
23	*9313 x 30	HOSE	1	
26	14382 x 12	HOSE	1	
27	14382 x 215	HOSE	1 or 2	
28	46533	COUPLING PLATE	1	
29	14A-04	LOCKWASHER	4	
30	30A-04	NUT	4	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		SELECTOR VALVE		
31	46022	**SELECTOR VALVE ASSEMBLY**		
	56769	**HANDLE KIT** - INCLUDES ITEMS 32 to 36	1	
32		HANDLE	1	
33		PIN	1	
34		COTTER PIN	1	
35		LINK	1	
36		COTTER PIN	1	
	56770	**CLEVIS ADAPTER** - INCLUDES ITEMS 37 & 38	1	
37		CLEVIS	1	
38		LOCKWASHER	1	
39	48115	O-RING	2	Repair
40	48116	SNAP RING	2	Part
41	43773	BAR	1	
42	14A-06	LOCKWASHER	2	
43	30A-06	NUT	2	
44		**MANIFOLD VALVE ASSEMBLY**	REF.	Sect 4 Pg 7

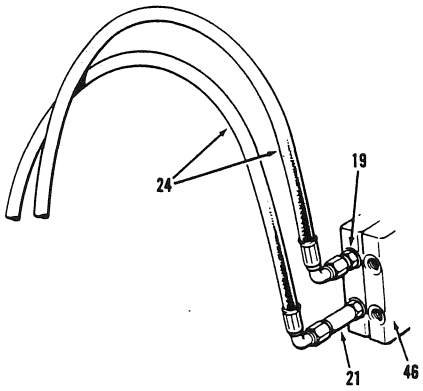


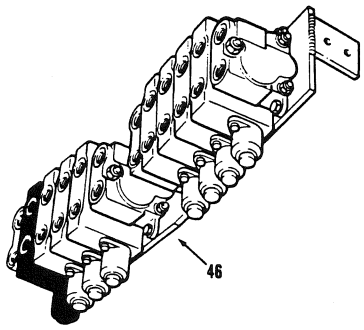
Circuit with Selector Valve

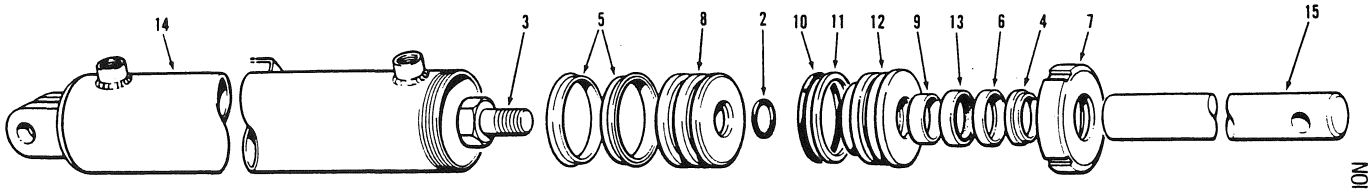




Circuit without Selector Valve







CHAMPION RC MACHINERY

SCARIFIER CYLINDER, SELECTOR VALVE & CIRCUIT

SEPTEMBER 1991

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 6

EFFECTIVE SERIAL NUMBER(S) 21754 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

SCARIFIER CYLINDER, SELECTOR VALVE & CIRCUIT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	*59753	**SCARIFIER CYLINDER ASSEMBLY** - INCLUDES ITEMS 2 to 15	1	
	48953	**REPAIR KIT FOR 59753 -** CYLINDER ASSEMBLY - INCLUDES ITEMS 2 to 6, 9 to 11 & 13		
2	12A-224	O-RING	1	
3	50A-1620	BOLT	1	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	CYLINDER NUT	1	
8	42151	PISTON	1	
9	43074	WEAR RING	1	
10	44244	O-RING	1	
11	44266	BACK-UP RING	1	
12	45734	GLAND	1	
13	45890	BUFFER RING	1	
14	*59752	CYLINDER BARREL	1	
15	46325	PISTON ROD	1	
16	110E-08	CAP	2	
17	111B-0808	CONNECTOR	5	
18	111B-0812	CONNECTOR	4	
19	111E-0808	CONNECTOR	2	
20	111E-0812	CONNECTOR	2	
21	111F-0808	CONNECTOR	1	
22	*112B-08	CONNECTOR	1	
23	9313 x 30	HOSE	2	
24	14382 x 215	HOSE	2	
25	*59754	TUBE	2	
26	46533	COUPLING PLATE	1	
27	14A-04	LOCKWASHER	4	
28	30A-04	NUT	4	
29	*49840	LOCK VALVE	1	
30	*50A-0612	BOLT	2	
31	*14A-06	LOCKWASHER	2	
32	*38A-0602	CAGE NUT	2	

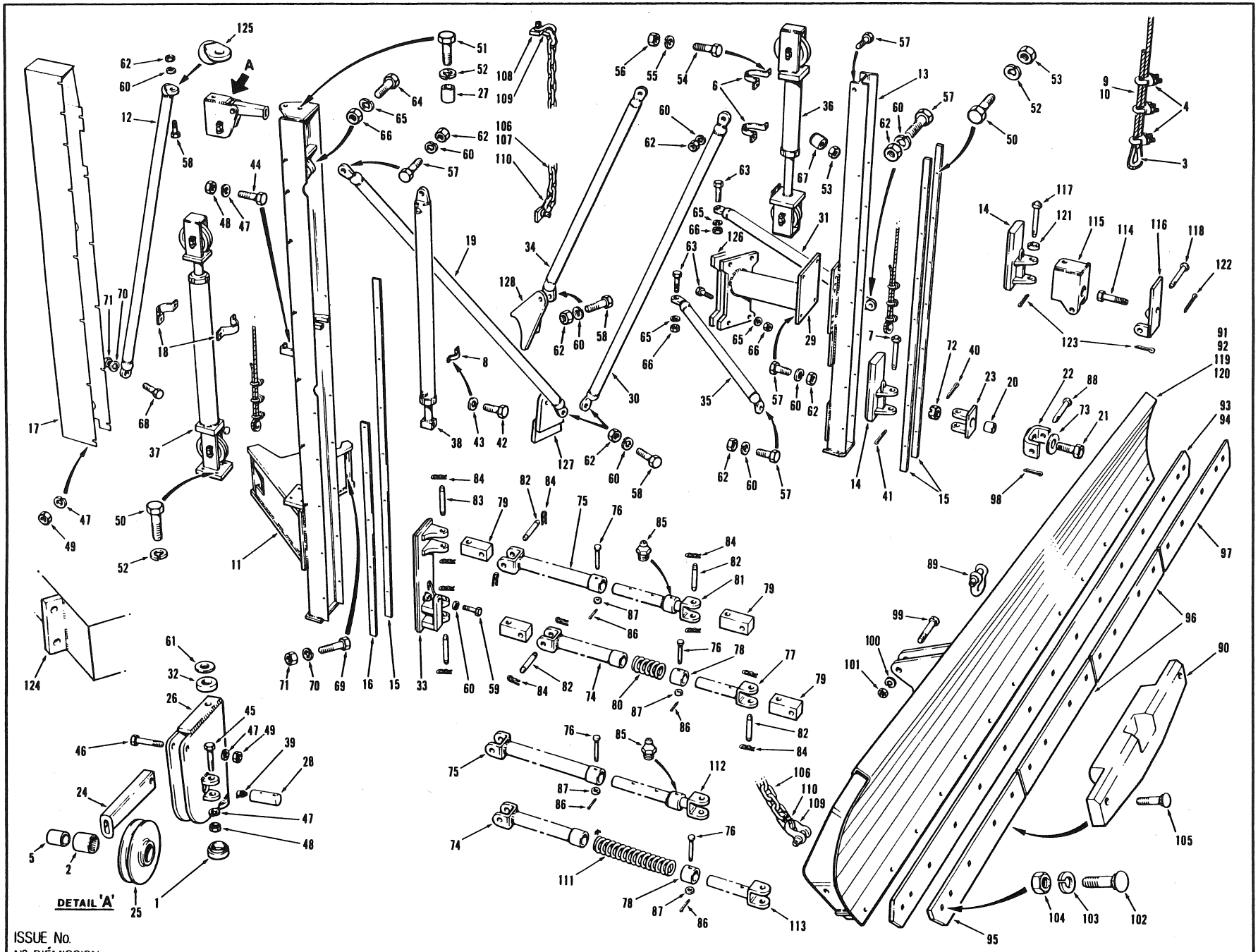
No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		SELECTOR VALVE		
33	46022	**SELECTOR VALVE ASSEMBLY** - INCLUDES ITEMS 39 to 45		
	56769	**HANDLE KIT** - INCLUDES ITEMS 34 to 38	1	
34		HANDLE	1	
35		PIN	1	
36		COTTER PIN	1	
37		LINK	1	
38		COTTER PIN	1	
	56770	**CLEVIS ADAPTER** - INCLUDES ITEMS 39 & 40	1	
39		CLEVIS	1	
40		LOCKWASHER	1	
41	48115	O-RING	2	Repair
42	48116	SNAP RING	2	Part
43	43773	BAR	1	
44	14A-06	LOCKWASHER	2	
45	30A-06	NUT	2	
46		**MANIFOLD VALVE ASSEMBLY**	REF.	Sect 4 Pg 7

EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 12 PAGE 15
SECCION 12 PAGINA 15

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1

REAR MOUNT WING INSTALLATION

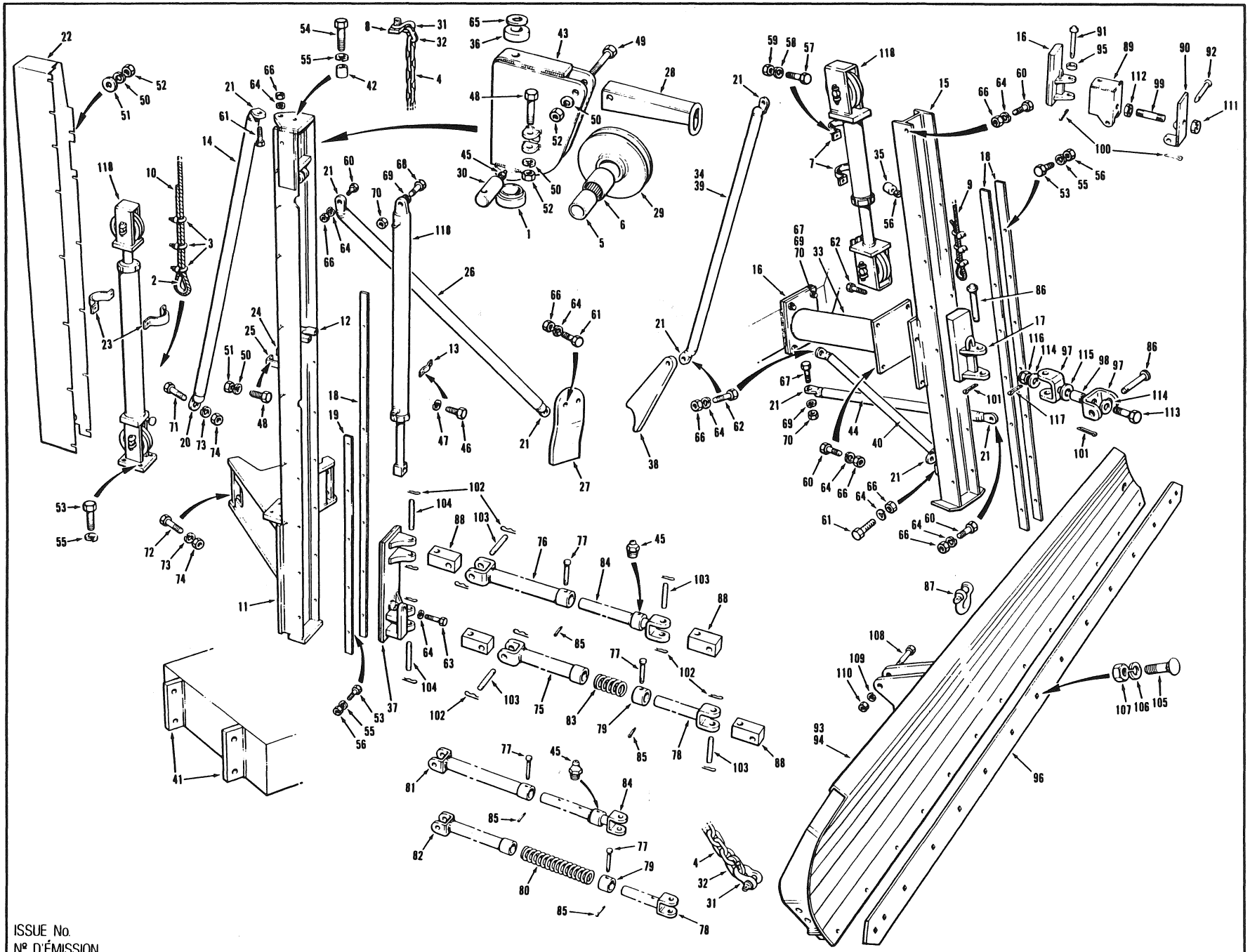
DECEMBER 1984

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

REAR MOUNT WING INSTALLATION

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	731	BEARING	1	
2	1488B	BEARING	1	
3	4051	THIMBLE	4	
4	4052	CLAMP	12	
5	9291	INNER RACE	1	
6	10398	CLAMP	2	
7	10570	PIN	1	
8	10869	CLAMP	1	
9	11957 X 25	CABLE - FRONT MAST	1	
10	11957 X 52	CABLE - REAR MAST	1	
11	18450	REAR MAST	1	
12	18455	BRACE	1	
13	18457	FRONT MAST	1	
14	18458	SLIDE	1	
15	18474	GUIDE - LONG	3	
16	18475	GUIDE - SHORT	1	
17	18712	ICE SHIELD	1	
18	18741	CLAMP	2	
19	19291	FORWARD BRACE - REAR MAST	1	
20	20340	SPACER	1	
21	20341	PIN	1	
22	21261	SWIVEL	1	
23	21262	HINGE	1	
24	21267	CABLE GUIDE	1	
25	21291	SHEAVE - INCLUDES ITEMS 2 & 5	1	
26	21294	SWIVEL HOUSING	1	
27	21372	BUSHING	1	
28	21494	PIN	1	
29	25865	BRACKET - FRONT MAST	1	
30	26004	BRACE - FRONT MAST	1	
31	26006	LOWER BRACE - FRONT MAST	1	
32	26873	WASHER	A.R.	
33	27647	SLIDE	1	
34	32845	BRACE - ARTICULATED MODELS	1	
35	40913	LOWER BRACE - FRONT MAST	1	
36		LIFT CYLINDER ASSEMBLY - FRONT MAST	REF.	PAGES 19/20
37		LIFT CYLINDER ASSEMBLY - REAR MAST	REF.	PAGES 21/22
38		SLIDE CYLINDER ASSEMBLY	REF.	PAGES 23/24
39	29C-02	GREASE FITTING	1	
40	13A-0840	COTTER PIN	1	
41	13A-1240	COTTER PIN	1	
42	50A-0508	BOLT	2	
43	14A-05	LOCKWASHER	2	
44	50A-0612	BOLT	2	
45	50A-0616	BOLT	1	
46	51A-0620	BOLT	1	
47	14A-06	LOCKWASHER	17	
48	30A-06	NUT	4	
49	31A-06	NUT	13	
50	50A-0814	BOLT	30	
51	51A-0818	BOLT	1	
52	14A-08	LOCKWASHER	31	
53	30A-08	NUT	27	
54	50A-1014	BOLT	4	
55	14A-10	LOCKWASHER	4	
56	30A-10	NUT	4	
57	50A-1220	BOLT	8	
58	50A-1224	BOLT	3	
59	50A-1232	BOLT	1	
60	14A-12	LOCKWASHER	12	
61	14C-12	FLATWASHER	A.R.	
62	30A-12	NUT	11	
63	50A-1628	BOLT	6	
64	50A-1632	BOLT	1	
65	14A-16	LOCKWASHER	7	
66	30A-16	NUT	7	
67	26019	BUMPER PAD	1	
68	50A-2032	BOLT	1	
69	50A-2036	BOLT	4	
70	14A-20	LOCKWASHER	5	
71	30A-20	NUT	5	
72	31K-24	NUT	1	
73	14C-24	FLATWASHER	A.R.	
		WING & STAND OFF ARMS INSTALLATION		
74	21198	OUTER SLEEVE - LOWER ARM	1	
75	21501	OUTER SLEEVE - UPPER ARM	1	
76	21503	SHEAR PIN	2	
77	21505	INNER SLEEVE - LOWER ARM	1	
78	21507	COLLAR	1	
79	21595	KNUCKLE	4	
80	22126	SPRING	1	
81	22155	INNER SLEEVE - UPPER ARM	1	
82	18C-820	PIN	4	
83	18C-824	PIN	2	
84	13L-08	HITCH PIN	12	
85	29A-02	GREASE FITTING	1	
86	13A-0316	COTTER PIN	2	
87	14C-10	FLATWASHER	2	
88	10570	PIN	1	
89	21590	SHACKLE	1	
90	22164	SHOE	A.R.	OPTIONAL
91	22093	WING - DRILLED FOR STANDARD EDGES	1	
92	22168	WING - DRILLED FOR CARBIDE EDGES	1	OPTIONAL
93	23733	EDGE - 1/2" THICK	1	
94	23736	EDGE - 5/8" THICK	1	
95	23734	EDGE - OUTER L.H. - CARBIDE TIPPED	1	
96	23735	EDGE - INNER - CARBIDE TIPPED	2	OPTIONAL
97	24171	EDGE - OUTER R.H. - CARBIDE TIPPED	1	
98	13A-1240	COTTER PIN	1	
99	51A-1644	BOLT	2	
100	14A-16	LOCKWASHER	2	
101	31A-16	NUT	2	
102	40F-1016	BOLT	A.R.	
103	14A-10	LOCKWASHER	A.R.	
104	30A-10	NUT	A.R.	
105	40F-1028	BOLT	A.R.	
106	8457 X 2.75	CHAIN	1	REAR MAST
107	8457 X 3	CHAIN	1	FRONT MAST
108	11530	LUG	A.R.	REPAIR PART
109	22129	SHACKLE	4	
110	22130	SPLIT LINK	4	
111	21898	SPRING	1	
112	21930-SA1	INNER SLEEVE - UPPER ARM	1	
113	21931 SA1	INNER SLEEVE - LOWER ARM	1	
114	21933	WING BOLT	1	
115	21969	SWIVEL ASSY.	1	
116	21970	HINGE PLATE	1	
117	21971	SWIVEL PIN	1	
118	21972	PIN	1	
119	22134	TRIP WING - DRILLED FOR STANDARD EDGES	1	
120	22170	TRIP WING - DRILLED FOR CARBIDE EDGES	1	OPTIONAL
121	22172	SPACER	1	
122	13A-0832	COTTER PIN	1	
123	13A-1032	COTTER PIN	2	
124	12984	LUG	A.R.	
125	18594	ADAPTER	A.R.	
126	18728	MOUTNING PLATE	A.R.	
127	19296	BRACE MOUNT	A.R.	
128	28965	BRACE MOUNT - ARTICULATED MODELS	A.R.	



EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

17242 to 19981, 19983, 19986 to 19995, 19997 to 20004, 20006 to 20226, 20233 to 20264, 20376 to 20382

700 SERIES
SERIE 700

SECTION 12 PAGE 15
SECCION 12 PAGINA 15

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2 REVISION B

REAR MOUNT WING INSTALLATION - ALL MODELS EXCLUDING 780A

JUNE 1991

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

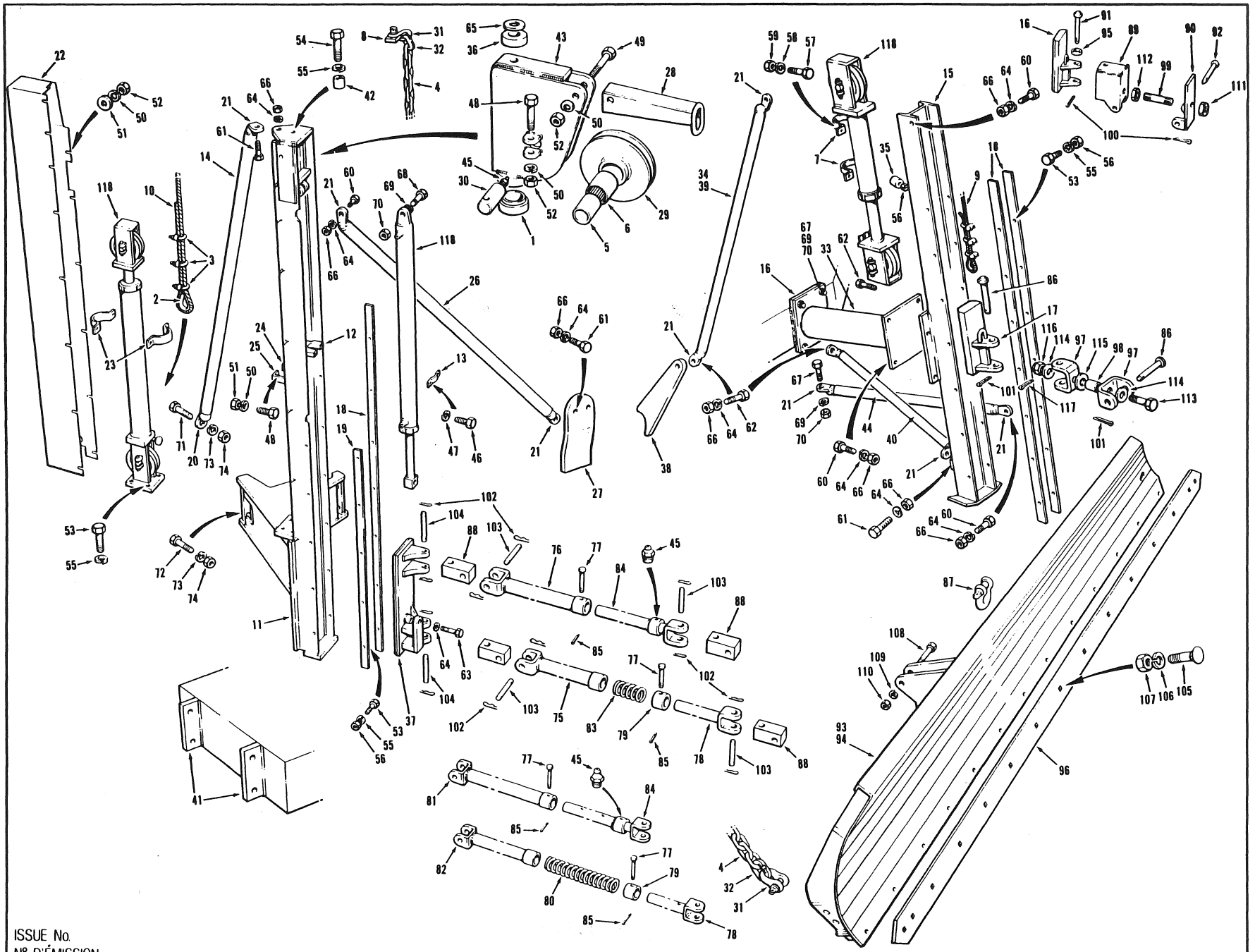
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

REAR MOUNT WING INSTALLATION - ALL MODELS EXCLUDING 780A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	731	BEARING	1	
2	4051	THIMBLE	4	
3	4052	CLAMP	12	
4	8457 x 40	CHAIN	1	
5	9291	INNER RACE	1	
6	9292	BEARING	1	
7	10398	CLAMP	1	
8	11530	LUG	2	REPAIR PART
9	11957 x 300	CABLE - FRONT MAST	1	
10	11957 x 528	CABLE - REAR MAST	1	
11	18450	REAR MAST	1	
12	18450-38	CYLINDER SUPPORT	1	REPAIR PART
13	18450-39	CLAMP	1	
14	18455	BRACE	1	
15	18457	FRONT MAST	1	
16	18457-22	MOUNTING PLATE	1	REPAIR PART
17	18458	SLIDE	1	
18	18474	GUIDE - LONG	3	
19	18475	GUIDE - SHORT	1	
20	18593	ADAPTER - 1.125"	1	REPAIR PART
21	18594	ADAPTER - .81"	7	REPAIR PART
22	18712	ICE SHIELD	1	
23	18741	CLAMP	2	
24	19006	BRACKET	1	REPAIR PART
25	19007	BRACKET	1	REPAIR PART
26	19291	FORWARD BRACE - REAR MAST	1	
27	19296	BRACE MOUNT	1	REPAIR PART
28	21267	CABLE GUIDE	1	
29	21291	SHEAVE - INCLUDES ITEMS 5 & 6	1	
30	48251	PIN	1	
31	22129	SHACKLE	4	
32	22130	SPLIT LINK	4	
33	25865	BRACKET - FRONT MAST	1	
34	44538	BRACE - FRONT MAST	1	
35	26019	BUMPER PAD	1	
36	26873	WASHER	1	
37	27647	SLIDE	1	
38	28965	BRACE MOUNT - ARTICULATED MODELS	1	REPAIR PART
39	32845	BRACE - ARTICULATED MODELS	1	
40	40913	LOWER BRACE - FRONT MAST	1	
41	42224	LUG	2	REPAIR PART
42	43562	BUSHING	1	
43	43563	SWIVEL HOUSING	1	
44	44538	LOWER BRACE - FRONT MAST	1	
45	29A-02	GREASE FITTING	2	
46	50A-0506	BOLT	2	
47	14A-05	LOCKWASHER	2	
48	50A-0614	BOLT	3	
49	50A-0620	BOLT	1	
50	14A-06	LOCKWASHER	18	
51	14C-06	FLATWASHER	14	
52	30A-06	NUT	18	
53	50A-0814	BOLT	30	
54	51A-0816	BOLT	1	
55	14A-08	LOCKWASHER	31	
56	30A-08	NUT	27	
57	50A-1014	BOLT	4	
58	14A-10	LOCKWASHER	4	
59	30A-10	NUT	4	
60	50A-1220	BOLT	8	
61	50A-1224	BOLT	3	
62	50A-1228	BOLT	1	
63	50A-1232	BOLT	1	
64	14A-12	LOCKWASHER	13	
65	14C-12	FLATWASHER	1	
66	30A-12	NUT	12	
67	50A-1628	BOLT	5	
68	50A-1632	BOLT	1	
69	14A-16	LOCKWASHER	6	
70	30A-16	NUT	6	
71	50A-2028	BOLT	1	
72	50A-2036	BOLT	4	
73	14A-20	LOCKWASHER	5	
74	30A-20	NUT	5	
		STAND-OFF-ARM ASSEMBLIES		
75	21198	OUTER SLEEVE - LOWER ARM	1	
76	21501	OUTER SLEEVE - UPPER ARM	1	
77	21503	SHEAR PIN	2	
78	21505	INNER SLEEVE - LOWER ARM	1	
79	21507	COLLAR	1	
80	21898	SPRING - TRIP WING	1	OPTIONAL
81	21930SA-1	INNER SLEEVE - UPPER ARM - TRIP WING	1	OPTIONAL
82	21931SA-1	INNER SLEEVE - LOWER ARM - TRIP WING	1	OPTIONAL
83	22126	SPRING	1	
84	22155	INNER SLEEVE - UPPER ARM	1	
85	13A-0316	COTTER PIN	2	
		WING INSTALLATION		
86	10570	PIN	1	
87	21590	SHACKLE	1	
88	21595	KNUCKLE	4	
89	21969	SWIVEL ASSEMBLY - TRIP WING	1	OPTIONAL
90	21970	HINGE PLATE - TRIP WING	1	OPTIONAL
91	21971	SWIVEL PIN - TRIP WING	1	OPTIONAL
92	21972	PIN - TRIP WING	1	OPTIONAL
93	22093	WING	1	
94	22134	TRIP WING	1	OPTIONAL
95	22172	SPACER	1	
96	23733	EDGE - 1/2" THICK	1	
97	41925	SWIVEL	2	
98	42659	WASHER	1	
99	45461	STUD - TRIP WING	1	OPTIONAL
100	13A-0132	COTTER PIN	2	
101	13A-1240	COTTER PIN	2	
102	13L-03	HITCH PIN	16	
103	18C-0820	PIN	4	
104	18C-0824	PIN	2	
105	40F-1016	BOLT	15	
106	14A-10	LOCKWASHER	15	
107	30A-10	NUT	15	
108	51A-1644	BOLT	2	
109	14A-16	LOCKWASHER	2	
110	31A-16	NUT	2	
111	37M-20	LOCKNUT - TRIP WING	1	OPTIONAL
112	31A-20	NUT - TRIP WING	1	OPTIONAL
113	54332	BOLT - DRILLED	1	
114	54333	FLATWASHER	2	
115	54334	FLATWASHER	1	
116	30K-24	NUT - SLOTTED	1	
117	13A-0848	COTTER PIN	1	
118		WING CYLINDERS	REF.	Sect 12 Pg 23



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION **3 REVISION A**

REAR MOUNT WING INSTALLATION - ALL MODELS EXCLUDING 780A

JUNE 1991

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 19982, 19985, 19996, 20005,
NUMERO(S) DE SÉRIE EFFECTIF(S) 20227 to 20232, 20266 to 20375,
NUMERO(S) DE SERIE EFECTIVO(S) 20383 to 20718

700 SERIES
SERIE 700

SECTION 12 PAGE 15
SECCION 12 PAGINA 15

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

SECTION 12 SECCION | PAGE 16 PAGINA | ISSUE No. N° D'ÉMISSION N° DE EDICION 3 REVISION A

REAR MOUNT WING INSTALLATION - ALL MODELS EXCLUDING 780A

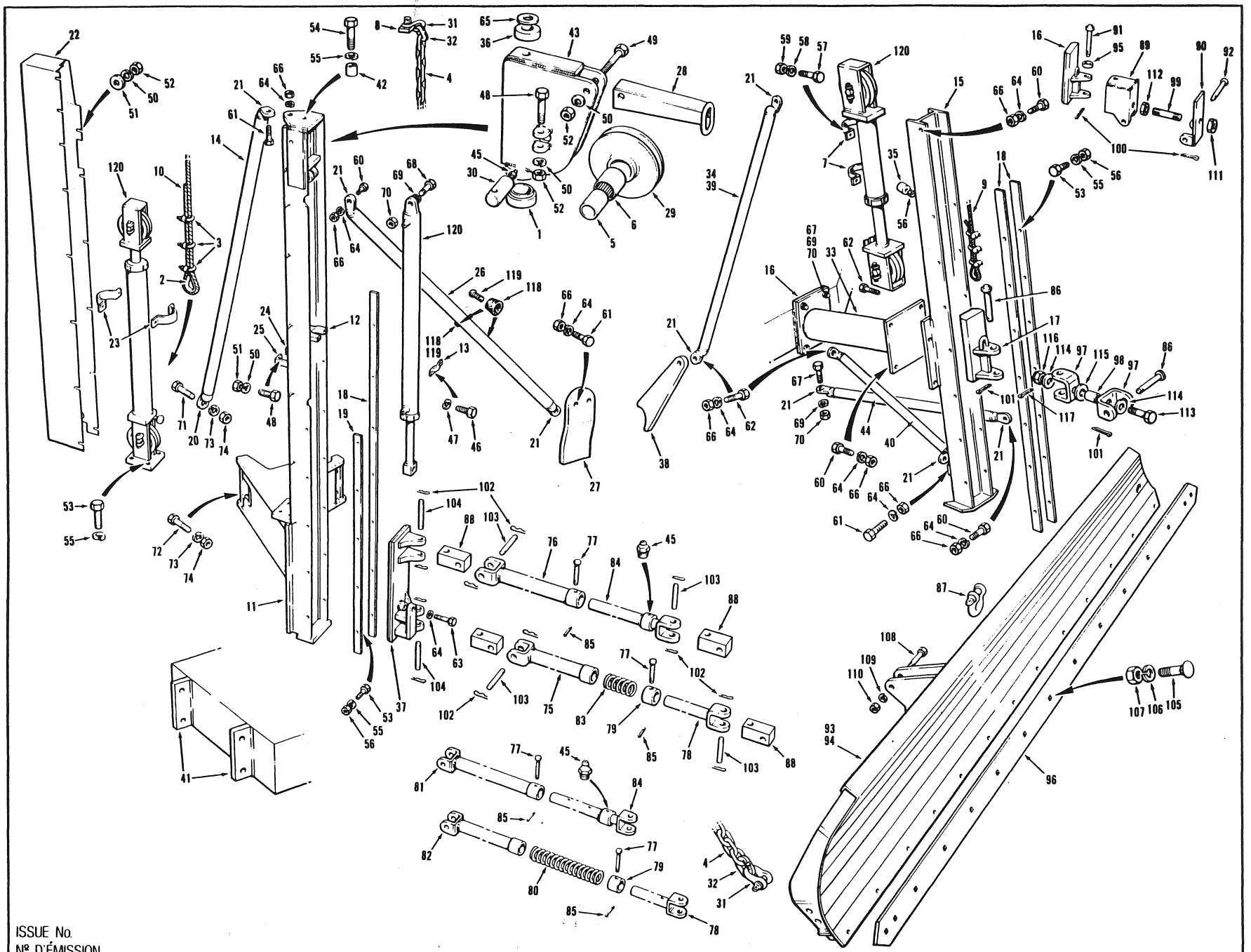
JUNE 1991

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	731	BEARING	1	
2	4051	THIMBLE	4	
3	4052	CLAMP	12	
4	8457 x 40	CHAIN	1	
5	9291	INNER RACE	1	
6	9292	BEARING	1	
7	10398	CLAMP	1	
8	11530	LUG	2	REPAIR PART
9	11957 x 300	CABLE - FRONT MAST	1	
10	11957 x 528	CABLE - REAR MAST	1	
11	18450	REAR MAST	1	
12	18450-38	CYLINDER SUPPORT	1	REPAIR PART
13	18450-39	CLAMP	1	
14	55311	BRACE	1	
15	18457	FRONT MAST	1	
16	18457-22	MOUNTING PLATE	1	REPAIR PART
17	18458	SLIDE	1	
18	18474	GUIDE - LONG	3	
19	18475	GUIDE - SHORT	1	
20	18593	ADAPTER - 1.125"	1	REPAIR PART
21	18594	ADAPTER - .81"	7	REPAIR PART
22	18712	ICE SHIELD	1	
23	18741	CLAMP	2	
24	19006	BRACKET	1	REPAIR PART
25	19007	BRACKET	1	REPAIR PART
26	19291	FORWARD BRACE - REAR MAST	1	
27	19296	BRACE MOUNT	1	REPAIR PART
28	21267	CABLE GUIDE	1	
29	21291	SHEAVE - INCLUDES ITEMS 5 & 6	1	
30	48251	PIN	1	
31	22129	SHACKLE	4	
32	22130	SPLIT LINK	4	
33	25865	BRACKET - FRONT MAST	1	
34	44538	BRACE - FRONT MAST	1	
35	26019	BUMPER PAD	1	
36	26873	WASHER	1	
37	27647	SLIDE	1	
38	28965	BRACE MOUNT - ARTICULATED MODELS	1	REPAIR PART
39	32845	BRACE - ARTICULATED MODELS	1	
40	40913	LOWER BRACE - FRONT MAST	1	
41	42224	LUG	2	REPAIR PART
42	43562	BUSHING	1	
43	43563	SWIVEL HOUSING	1	
44	44538	LOWER BRACE - FRONT MAST	1	
45	28A-04	GREASE FITTING	2	
46	50A-0506	BOLT	2	
47	14A-05	LOCKWASHER	2	
48	50A-0614	BOLT	3	
49	50A-0620	BOLT	1	
50	14A-06	LOCKWASHER	18	
51	14C-06	FLATWASHER	14	
52	30A-06	NUT	18	
53	50A-0814	BOLT	30	
54	51A-0816	BOLT	1	
55	14A-08	LOCKWASHER	31	
56	30A-08	NUT	27	
57	50A-1014	BOLT	4	
58	14A-10	LOCKWASHER	4	
59	30A-10	NUT	4	
60	50A-1220	BOLT	8	
61	50A-1224	BOLT	3	
62	50A-1228	BOLT	1	
63	50A-1232	BOLT	1	
64	14A-12	LOCKWASHER	13	
65	14C-12	FLATWASHER	1	
66	30A-12	NUT	12	
67	50A-1628	BOLT	5	
68	50A-1632	BOLT	1	
69	14A-16	LOCKWASHER	6	
70	30A-16	NUT	6	
71	50A-2028	BOLT	1	
72	50A-2036	BOLT	4	
73	14A-20	LOCKWASHER	5	
74	30A-20	NUT	5	
		STAND-OFF-ARM ASSEMBLIES		
75	21198	OUTER SLEEVE - LOWER ARM	1	
76	21501	OUTER SLEEVE - UPPER ARM	1	
77	21503	SHEAR PIN	2	
78	21505	INNER SLEEVE - LOWER ARM	1	
79	21507	COLLAR	1	
80	21898	SPRING - TRIP WING	1	
81	21930SA-1	INNER SLEEVE - UPPER ARM - TRIP WING	1	OPTIONAL
82	21931SA-1	INNER SLEEVE - LOWER ARM - TRIP WING	1	
83	22126	SPRING	1	
84	22155	INNER SLEEVE - UPPER ARM	1	
85	13A-0316	COTTER PIN	2	
		WING INSTALLATION		
86	10570	PIN	1	
87	21590	SHACKLE	1	
88	21595	KNUCKLE	4	
89	21969	SWIVEL ASSEMBLY - TRIP WING	1	
90	21970	HINGE PLATE - TRIP WING	1	OPTIONAL
91	21971	SWIVEL PIN - TRIP WING	1	
92	21972	PIN - TRIP WING	1	
93	22093	WING	1	
94	22134	TRIP WING	1	OPTIONAL
95	22172	SPACER	1	
96	23733	EDGE - 1/2" THICK	1	
97	41925	SWIVEL	2	
98	42659	WASHER	1	
99	45461	STUD - TRIP WING	1	OPTIONAL
100	13A-0132	COTTER PIN	2	
101	13A-1240	COTTER PIN	2	
102	13L-03	HITCH PIN	16	
103	18C-0820	PIN	4	
104	18C-0824	PIN	2	
105	40F-1016	BOLT	15	
106	14A-10	LOCKWASHER	15	
107	30A-10	NUT	15	
108	51A-1644	BOLT	2	
109	14A-16	LOCKWASHER	2	
110	31A-16	NUT	2	
111	37M-20	LOCKNUT - TRIP WING	1	OPTIONAL
112	31A-20	NUT - TRIP WING	1	OPTIONAL
113	54332	BOLT - DRILLED	1	
114	54333	FLATWASHER	2	
115	54334	FLATWASHER	1	
116	30K-24	NUT - SLOTTED	1	
117	13A-0848	COTTER PIN	1	
118		WING CYLINDERS	REF.	Sect 12 Pg 23

EFFECTIVE SERIAL NUMBER(S) 20719 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S) EXCLUDING 20731
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 12 PAGE 15
SECCION 12 PAGINA 15



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

REAR MOUNT WING INSTALLATION - ALL MODELS EXCLUDING 780A

JUNE 1991

FOR LIST OF PARTS - TURN THIS PAGE

POUR LA LISTE DES PIÈCES - VOIR AU VERSO

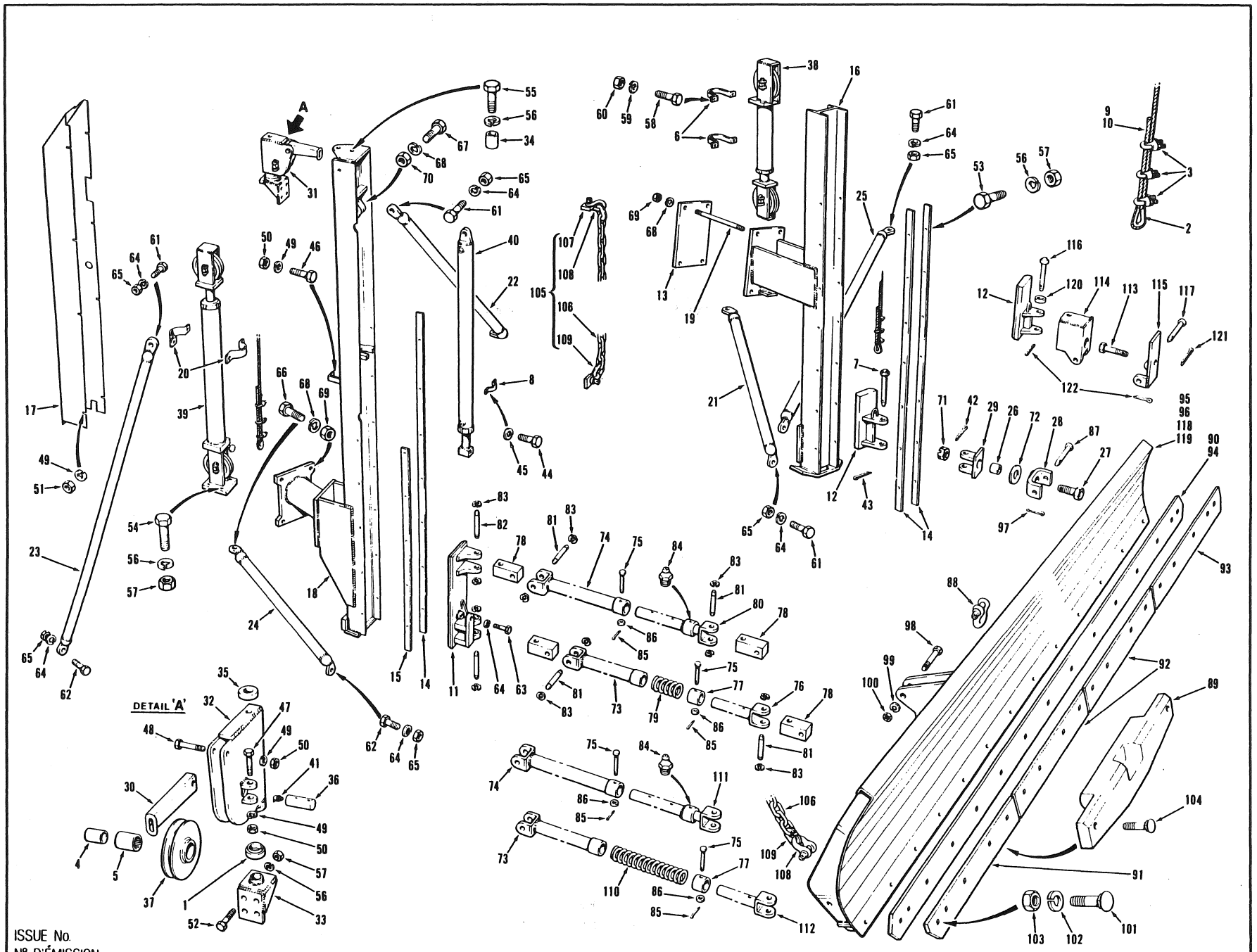
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

REAR MOUNT WING INSTALLATION - ALL MODELS EXCLUDING 780A

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	731	BEARING	1	
2	4051	THIMBLE	4	
3	4052	CLAMP	12	
4	8457 x 40	CHAIN	1	
5	9291	INNER RACE	1	
6	9292	BEARING	1	
7	10398	CLAMP	1	
8	11530	LUG	2	Repair Part
9	11957 x 300	CABLE - FRONT MAST	1	
10	11957 x 528	CABLE - REAR MAST	1	
11	18450	REAR MAST	1	
12	18450-38	CYLINDER SUPPORT	1	Repair Part
13	18450-39	CLAMP	1	
14	55311	BRACE	1	
15	18457	FRONT MAST	1	
16	18457-22	MOUNTING PLATE	1	Repair Part
17	18458	SLIDE	1	
18	18474	GUIDE - LONG	3	
19	18475	GUIDE - SHORT	1	
20	18593	ADAPTER - 1.125"	1	Repair Part
21	18594	ADAPTER - .81"	7	Repair Part
22	18712	ICE SHIELD	1	
23	18741	CLAMP	2	
24	19006	BRACKET	1	Repair Part
25	19007	BRACKET	1	Repair Part
26	*57019	FORWARD BRACE - REAR MAST	1	
27	19296	BRACE MOUNT	1	Repair Part
28	21267	CABLE GUIDE	1	
29	21291	SHEAVE - INCLUDES ITEMS 5 & 6	1	
30	48251	PIN	1	
31	22129	SHACKLE	4	
32	22130	SPLIT LINK	4	
33	25865	BRACKET - FRONT MAST	1	
34	44538	BRACE - FRONT MAST	1	
35	26019	BUMPER PAD	1	
36	26873	WASHER	1	
37	*58805	SLIDE	1	
38	28965	BRACE MOUNT - 720A thru 750A	1	Repair Part
	*45252	BRACE MOUNT - 710A	1	Repair Part
39	32845	BRACE - ARTICULATED MODELS	1	
40	40913	LOWER BRACE - FRONT MAST	1	
41	42224	LUG	2	Repair Part
42	43562	BUSHING	1	
43	43563	SWIVEL HOUSING	1	
44	44538	LOWER BRACE - FRONT MAST	1	
45	28A-04	GREASE FITTING	2	
46	50A-0506	BOLT	2	
47	14A-05	LOCKWASHER	2	
48	50A-0614	BOLT	3	
49	50A-0620	BOLT	1	
50	14A-06	LOCKWASHER	18	
51	14C-06	FLATWASHER	14	
52	30A-06	NUT	18	
53	50A-0814	BOLT	30	
54	51A-0816	BOLT	1	
55	14A-08	LOCKWASHER	31	
56	30A-08	NUT	27	
57	50A-1014	BOLT	4	
58	14A-10	LOCKWASHER	4	
59	30A-10	NUT	4	
60	50A-1220	BOLT	8	
61	50A-1224	BOLT	3	
62	50A-1228	BOLT	1	
63	50A-1232	BOLT	1	
64	14A-12	LOCKWASHER	13	
65	14C-12	FLATWASHER	1	
66	30A-12	NUT	12	
67	50A-1628	BOLT	5	
68	50A-1632	BOLT	1	
69	14A-16	LOCKWASHER	6	
70	30A-16	NUT	6	
71	50A-2028	BOLT	1	
72	50A-2036	BOLT	4	
73	14A-20	LOCKWASHER	5	
74	30A-20	NUT	5	
		STAND-OFF-ARM ASSEMBLIES		
75	21198	OUTER SLEEVE - LOWER ARM	1	
76	21501	OUTER SLEEVE - UPPER ARM	1	
77	21503	SHEAR PIN	2	
78	21505	INNER SLEEVE - LOWER ARM	1	
79	21507	COLLAR	1	
80	21898	SPRING - TRIP WING	1	
81	21930SA-1	INNER SLEEVE - UPPER ARM - TRIP WING	1	OPTIONAL
82	21931SA-1	INNER SLEEVE - LOWER ARM - TRIP WING	1	
83	22126	SPRING	1	
84	22155	INNER SLEEVE - UPPER ARM	1	
85	13A-0316	COTTER PIN	2	
		WING INSTALLATION		
86	10570	PIN	1	
87	21590	SHACKLE	1	
88	21595	KNUCKLE	4	
89	21969	SWIVEL ASSEMBLY - TRIP WING	1	
90	21970	HINGE PLATE - TRIP WING	1	OPTIONAL
91	21971	SWIVEL PIN - TRIP WING	1	
92	21972	PIN - TRIP WING	1	
93	22093	WING	1	
94	22134	TRIP WING	1	OPTIONAL
95	22172	SPACER	1	
96	23733	EDGE - 1/2" THICK	1	
97	41925	SWIVEL	2	
98	42659	WASHER	1	
99	45461	STUD - TRIP WING	1	OPTIONAL
100	13A-0132	COTTER PIN	2	
101	13A-1240	COTTER PIN	2	
102	13L-03	HITCH PIN	16	
103	18C-0820	PIN	4	
104	18C-0824	PIN	2	
105	40F-1016	BOLT	15	
106	14A-10	LOCKWASHER	15	
107	30A-10	NUT	15	
108	51A-1644	BOLT	2	
109	14A-16	LOCKWASHER	2	
110	31A-16	NUT	2	
111	37M-20	LOCKNUT - TRIP WING	1	OPTIONAL
112	31A-20	NUT - TRIP WING	1	OPTIONAL
113	54332	BOLT - DRILLED	1	
114	54333	FLATWASHER	2	
115	54334	FLATWASHER	1	
116	30K-24	NUT - SLOTTED	1	
117	13A-0848	COTTER PIN	1	
118	*57026	BUMPER	2	
119	*52L-1004Zi	SCREW	2	
120		WING CYLINDERS	REF.	Sect 12 Pg 23



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1

FRONT MOUNT WING INSTALLATION

DECEMBER 1984

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

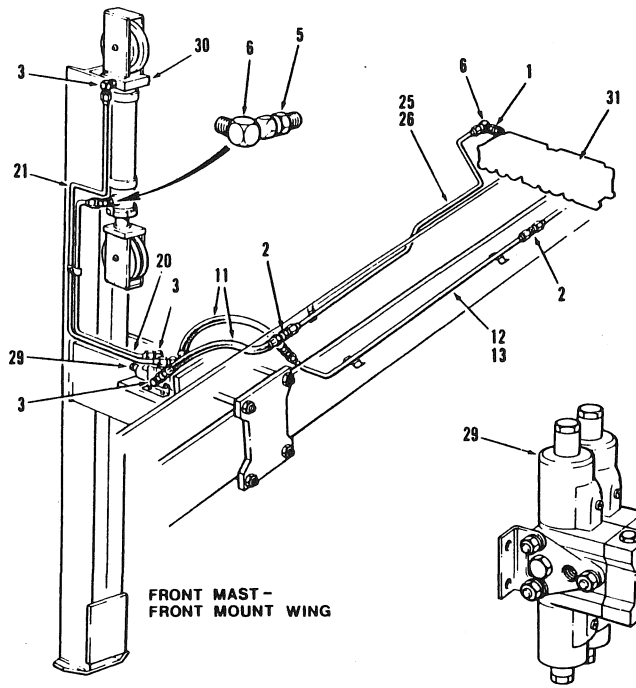
SECTION 12 PAGE 17
SECCION 12 PAGINA 17

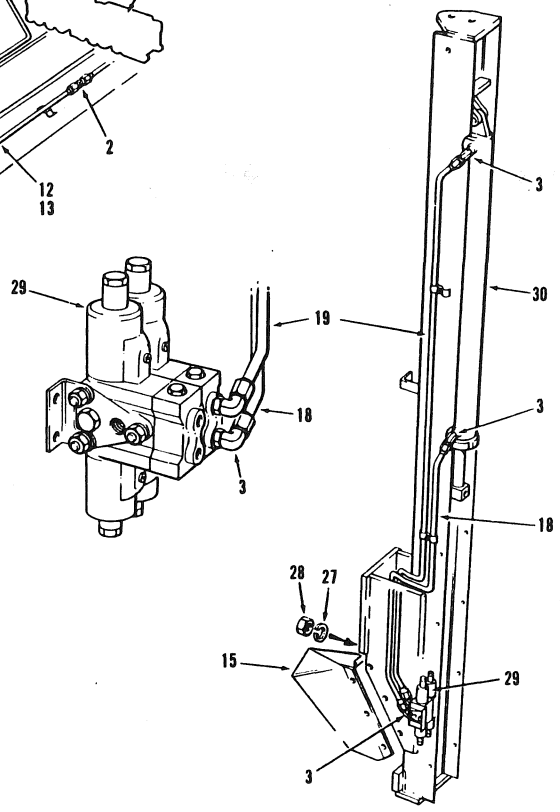
USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

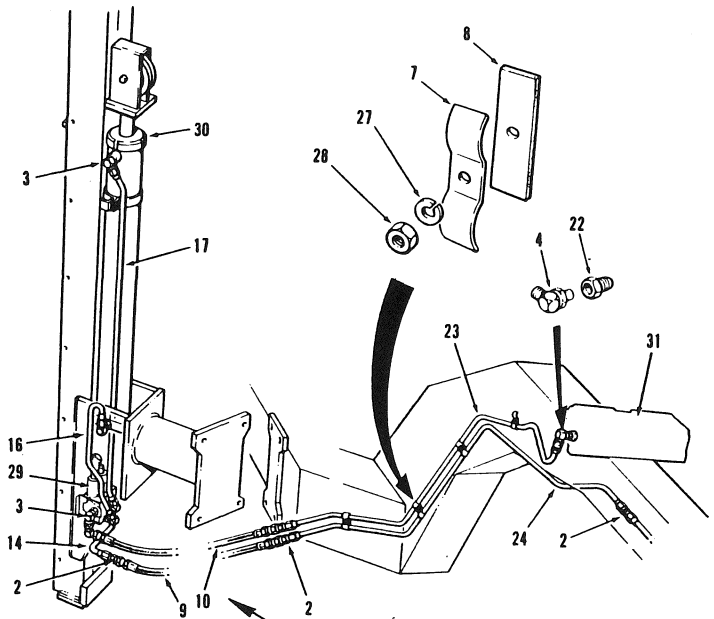
FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

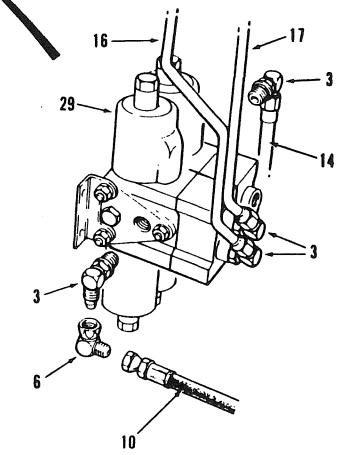
FRONT MOUNT WING INSTALLATION

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	731	BEARING	1	
2	4051	THIMBLE	4	
3	5052	CLAMP	12	
4	9291	INNER RACE	1	
5	1488B	BEARING	1	
6	10398	CLAMP	2	
7	10570	PIN	1	
8	10869	CLAMP	1	
9	11957 X 25	CABLE - FRONT MAST	1	
10	11957 X 52	CABLE - REAR MAST	1	
11	18451	SLIDE ASSY. - REAR MAST	1	
12	18458	SLIDE ASSY. - FRONT MAST	1	
13	18473-22	BRACKET	1	
14	18474	GUIDE - LONG	3	
15	18475	GUIDE - SHORT	1	
16	18703	FRONT MAST	1	
17	18711	ICE SHIELD	1	
18	18717	REAR MAST	1	
19	18729	TIE BOLT	4	
20	18741	CLAMP	2	
21	18751	LOWER BRACE - FRONT MAST	1	
22	19638	FORWARD BRACE - REAR MAST	1	
23	19639	REAR BRACE - REAR MAST	1	
24	40912	LOWER BRACE - REAR MAST	1	
25	19657	FORWARD BRACE - FRONT MAST	1	
26	20340	SPACER	1	
27	20341	PIN	1	
28	21261	SWIVEL	1	
29	21262	HINGE	1	
30	21267	CABLE GUIDE	1	
31	21291	SHEAVE -INCLUDES ITEMS 4, 5 & 37	1	
32	21294	SWIVEL HOUSING	1	
33	21295	BRACKET	1	
34	21372	BUSHING	1	
35	21373	COLLAR	1	
36	21494	PIN	1	
37	23058	SHEAVE	1	
38		LIFT CYLINDER ASSEMBLY - FRONT MAST	REF.	PAGES 19/20
39		LIFT CYLINDER ASSEMBLY - REAR MAST	REF.	PAGES 21/22
40		SLIDE CYLINDER ASSEMBLY	REF.	PAGES 23/24
41	29C-02	GREASE FITTING	1	
42	13A-0840	COTTER PIN	1	
43	13A-1240	COTTER PIN	1	
44	50A-0508	BOLT	2	
45	14A-05	LOCKWASHER	2	
46	51A-0612	BOLT	2	
47	51A-0616	BOLT	1	
48	51A-0620	BOLT	1	
49	14A-06	LOCKWASHER	12	
50	31A-06	NUT	4	
51	30A-06	NUT	8	
52	51A-0812	BOLT	4	
53	51A-0814	BOLT	26	
54	51A-0816	BOLT	4	
55	51A-0818	BOLT	1	
56	14A-08	LOCKWASHER	35	
57	31A-08	NUT	34	
58	50A-1014	BOLT	4	
59	14A-10	LOCKWASHER	4	
60	30A-10	NUT	4	
61	50A-1220	BOLT	7	
62	50A-1224	BOLT	2	
63	50A-1232	BOLT	1	
64	14A-12	LOCKWASHER	10	
65	30A-12	NUT	9	
66	50A-1628	BOLT	5	
67	51A-1632	BOLT	1	
68	14A-16	LOCKWASHER	6	
69	30A-16	NUT	5	
70	31A-16	NUT	1	
71	31K-24	NUT	1	
72	14C-24	FLATWASHER	A.R.	
		STAND-OFF ARMS INSTALLATION		
73	21198	OUTER SLEEVE - LOWER ARM	1	
74	21501	OUTER SLEEVE - UPPER ARM	1	
75	21503	SHEAR PIN	2	
76	21505	INNER SLEEVE - LOWER ARM	1	
77	21507	COLLAR	1	
78	21595	KNUCKLE	4	
79	22126	SPRING	1	
80	22155	INNER SLEEVE - UPPER ARM	1	
81	18A-820	PIN	4	
82	18A-824	PIN	2	
83	19A-100	RETAINER RING	12	
84	29A-02	GREASE FITTING	1	
85	13A-0316	COTTER PIN	2	
86	14C-10	FLATWASHER	2	
		WING INSTALLATION		
87	10570	PIN	1	
88	21590	SHACKLE	1	
89	22164	SHOE	A.R.	OPTIONAL
90	23733	EDGE	1	
91	23734	EDGE - OUTER L.H. - CARBIDE TIPPED	1	OPTIONAL
92	23735	EDGE - INNER - CARBIDE TIPPED	2	OPTIONAL
93	24171	EDGE - OUTER R.H. - CARBIDE TIPPED	1	OPTIONAL
94	23736	EDGE - 5/8" THICK	1	OPTIONAL
95	22093	WING - DRILLED FOR STANDARD EDGES	1	
96	22168	WING - DRILLED FOR CARBIDE EDGES	1	OPTIONAL
97	13A-1240	COTTER PIN	1	
98	51A-1644	BOLT	2	
99	14A-16	LOCKWASHER	2	
100	31A-16	NUT	2	
101	40F-1016	BOLT	A.R.	
102	14A-10	LOCKWASHER	A.R.	
103	30A-10	NUT	A.R.	
104	40F-1028	BOLT	A.R.	
105	11531	SAFETY CHAIN	1	OPTIONAL
106	8457 X 33	CHAIN	1	
107	11530	LUG	2	
108	22129	SHACKLE - 5/8"	2	
109	22130	SPLIT LINK - 5/8"	2	
		TRIP WING INSTALLATION		OPTIONAL
110	21898	SPRING	1	
111	21930-SA1	INNER SLEEVE - UPPER ARM	1	
112	21931-SA1	INNER SLEEVE - LOWER ARM	1	
113	21933	BOLT	1	
114	21969	SWIVEL	1	
115	21970	HINGE PLATE	1	
116	21971	SWIVEL PIN	1	
117	21972	PIN	1	
118	22134	TRIP WING - DRILLED FOR STANDARD EDGES	1	
119	22170	TRIP WING - DRILLED FOR CARBIDE EDGES	1	
120	22172	SPACER	1	
121	13A-0832	COTTER PIN	1	
122	13A-1032	COTTER PIN	2	









ISSUE No.
Nº D'ÉMISSION
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FRONT MOUNT WING HYDRAULICS

AUGUST 1987

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EFFECTIVE SERIAL NUMBER(S) 16224, 16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

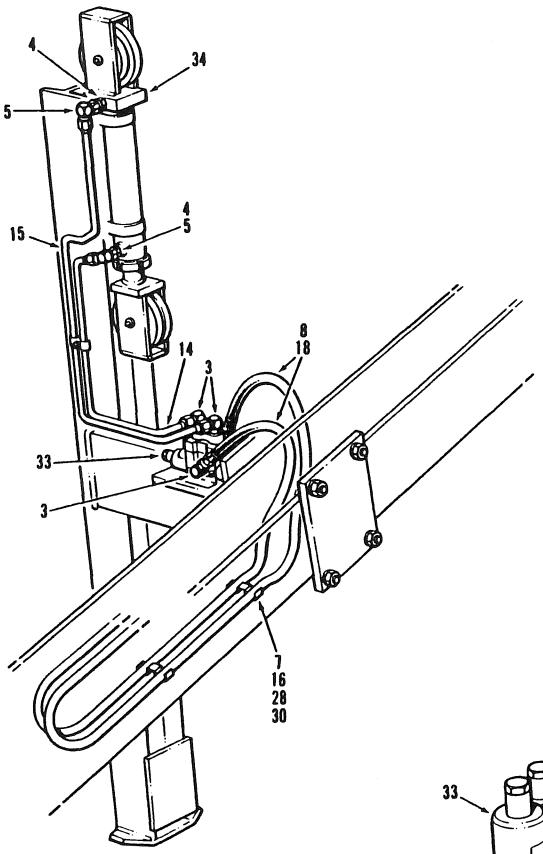
700 SERIES
SERIE 700

SECTION 12 PAGE 19
SECCION PAGINA

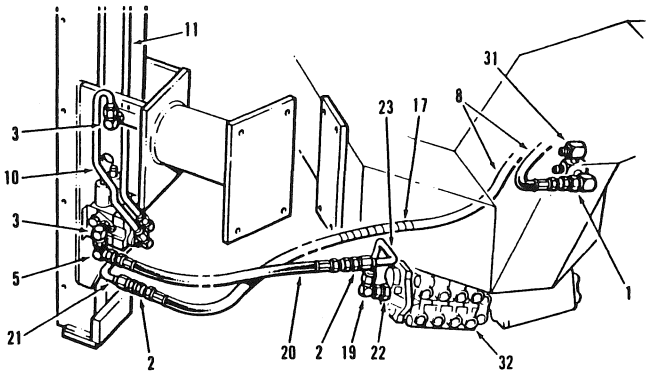
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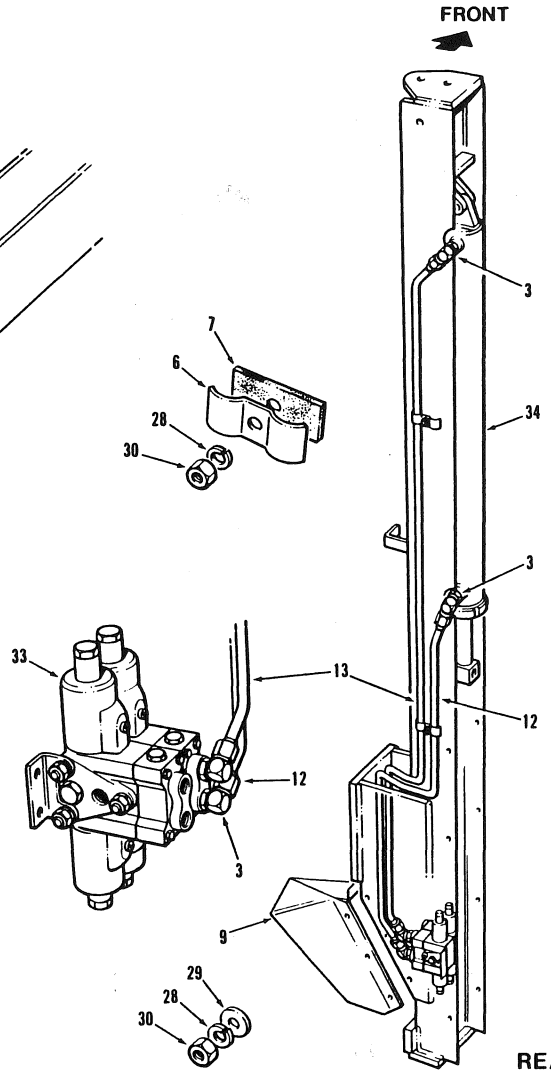
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	110AH-0812	CONNECTOR	1	
2	110L-08	CONNECTOR	5	
3	111B-0808	CONNECTOR	15	
4	111B-0810	CONNECTOR	1	
5	111E-0808	CONNECTOR	2	
6	112B-08	CONNECTOR	1	
7	1008	CLAMP	12	
8	9298	PAD	24	
9	9313 X 28	HOSE	1	
10	9313 X 33	HOSE	1	
11	14369 X 18	HOSE	2	
12	18961	TUBE	1	MODEL 740 THRU 780A
13	18963	TUBE	1	MODEL 710 THRU 730A
14	19659	TUBE	1	
15	23710	COVER	1	
16	24731	TUBE	1	
17	24732	TUBE	1	
18	24733	TUBE	1	
19	24734	TUBE	1	
20	24735	TUBE	1	
21	24736	TUBE	1	
22	26476	PRESSURE BEYOND SLEEVE	1	
23	*44600	TUBE	1	
24	*44601	TUBE	1	
25	*44602	TUBE	1	MODEL 740 THRU 780A
26	*44642	TUBE	1	MODEL 710 THRU 730A
27	14A-06	LOCKWASHER	23	
28	30A-06	NUT	23	
29		SOLENOID VALVES	REF.	SECTION 4 PAGE 38
30		HYDRAULIC CYLINDERS	REF.	SECTION 12 PAGE 24
31		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8



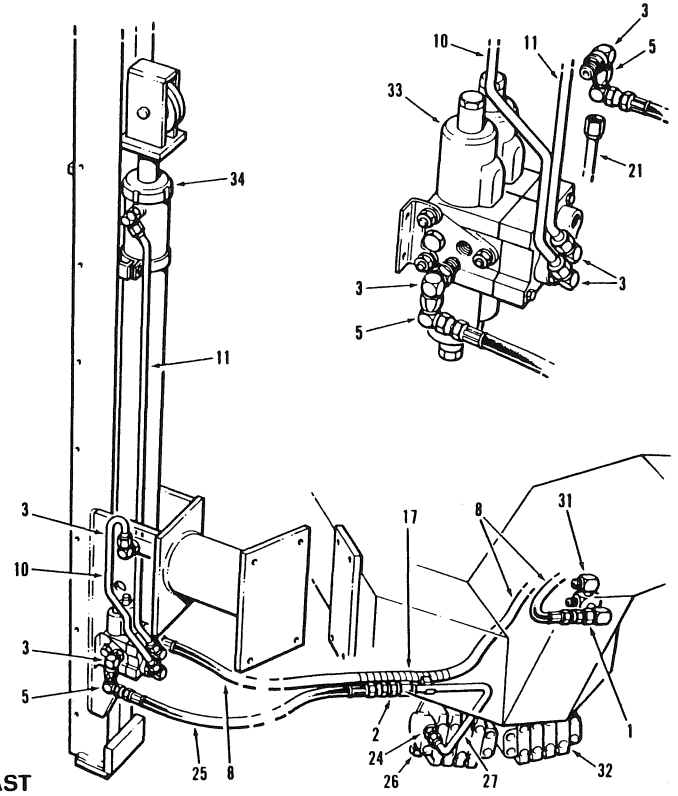
FRONT MAST



UP TO SERIAL No.19236



REAR MAST



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FRONT MOUNT WING HYDRAULICS

SEPTEMBER 1988

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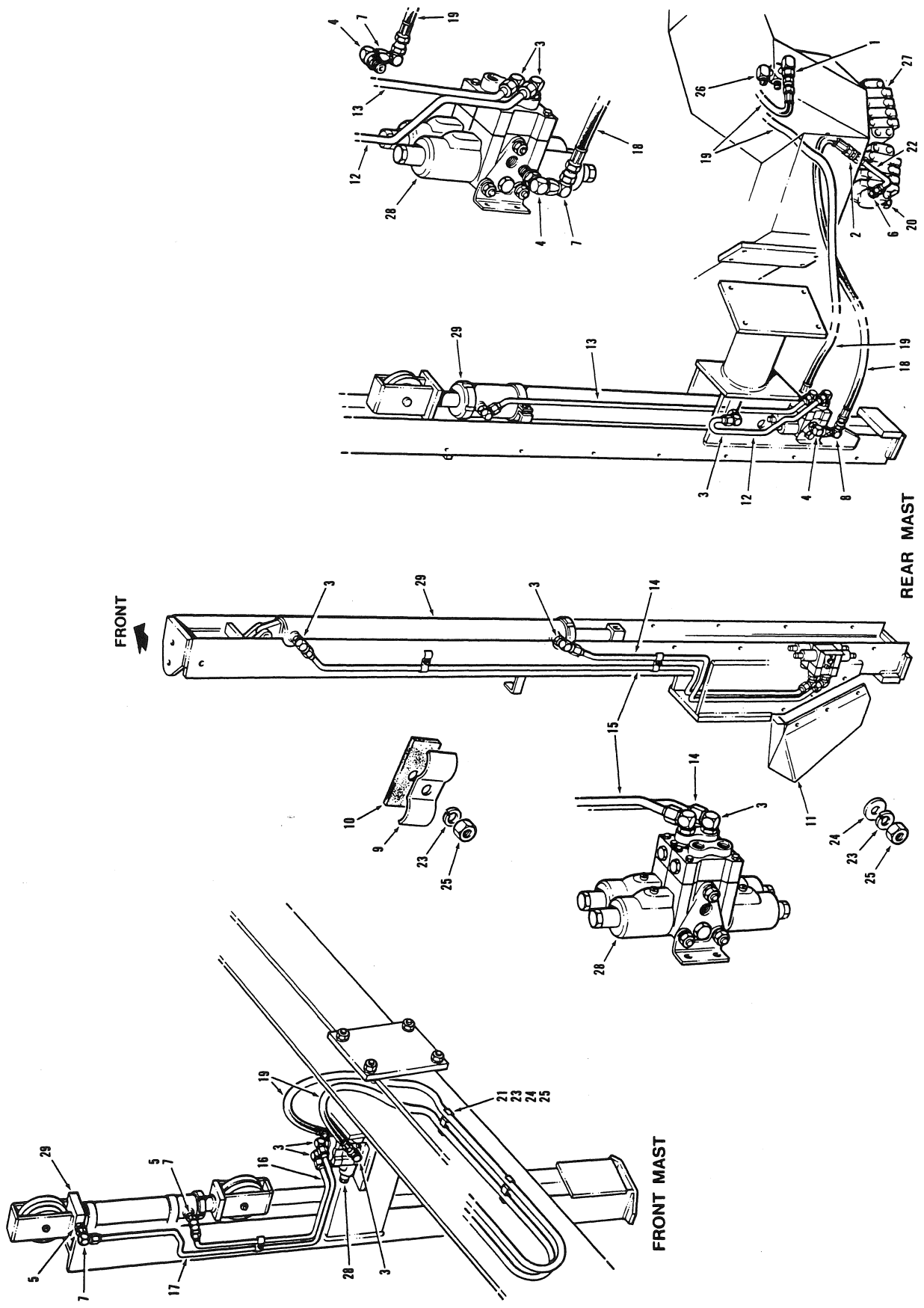
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FRONT MOUNT WING HYDRAULICS

SEPTEMBER 1988

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	110AH-0812	CONNECTOR	1	
2	110L-08	CONNECTOR	A.R.	
3	111B-0808	CONNECTOR	A.R.	
4	111E-0808	CONNECTOR	2	
5	112B-08	CONNECTOR	A.R.	
6	1008	TUBE CLAMP	3	
7	9298	PAD	9	
8	*9313 X 300	HOSE	2	
9	23710	COVER	1	
10	24731	TUBE	1	
11	24732	TUBE	1	
12	24733	TUBE	1	
13	23734	TUBE	1	
14	24735	TUBE	1	
15	24736	TUBE	1	
16	*27756	HOSE CLAMP	3	
17	*30927 X 10	HOSE WRAP	1	
18	*30927 X 20	HOSE WRAP	2	
19	111B-0810	CONNECTOR	1	UP TO S/N
20	9313 X 33	HOSE	1	19236
21	19659	TUBE	1	(GRESEN)
22	26476	POWER BEYOND FITTING	1	
23	*49276	TUBE	1	
24	*111E-0810	CONNECTOR	1	S/N 19322
25	*9313 X 36	HOSE	1	& UP
26	*49202	POWER BEYOND FITTING	1	(HUSCO)
27	*49275	TUBE	1	
28	14A-06	LOCKWASHER	10	
29	*14C-06	FLATWASHER	4	
30	30A-06	NUT	10	
31		PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4
32		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
33		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGE 38
34		HYDRAULIC CYLINDER ASSEMBLY	REF.	SECTION 4 PAGE 24

CHAMPION ROAD MACHINERY



FRONT MOUNT WING HYDRAULICS

APRIL 1990

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

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EFFECTIVE SERIAL NUMBER(S)
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NUMERO(S) DE SERIE EFECTIVO(S)

19982, 19984, 19985, 19996, 20005, 20104, 20105, 20107 & UP

700 SERIES
SERIE 700

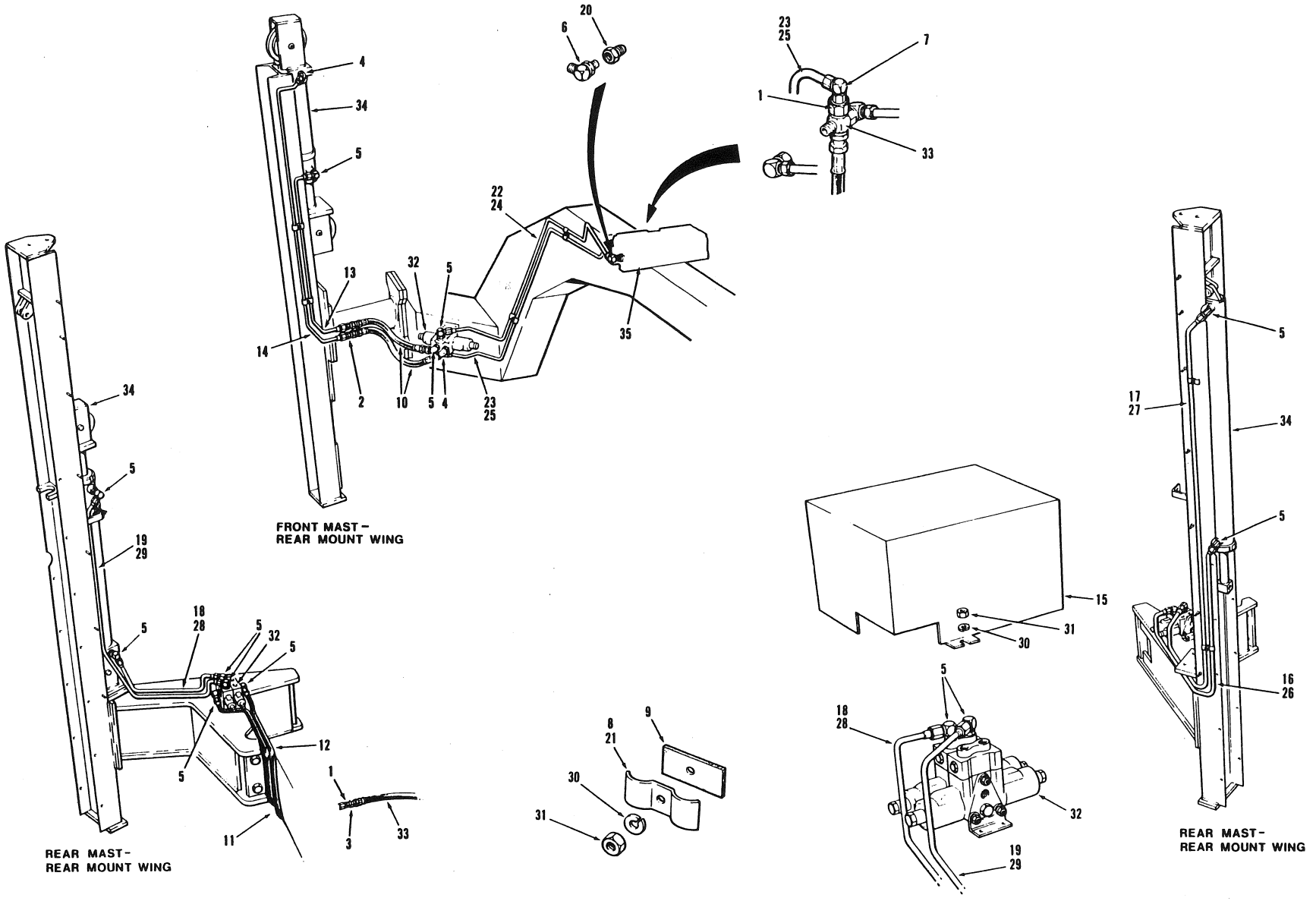
SECTION 12 PAGE 19
SECCION PAGINA

SECTION / SECCION 12 | PAGE / PAGINA 19 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 3

FRONT MOUNT WING HYDRAULICS

APRIL1990

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	110AH-0812	CONNECTOR	1	
2	*110L-12	CONNECTOR	3	
3	111B-0808	CONNECTOR	9	
4	*111B-1210	CONNECTOR	4	
5	111E-0808	CONNECTOR	1	
6	*111E-1210	CONNECTOR	1	
7	112B-08	CONNECTOR	1	
8	*112B-12	CONNECTOR	2	
9	1008	TUBE CLAMP	3	
10	9298	PAD	9	
11	23710	COVER	1	
12	24731	TUBE	1	
13	24732	TUBE	1	
14	24733	TUBE	1	
15	24734	TUBE	1	
16	24735	TUBE	1	
17	24736	TUBE	1	
18	*28485 x 36	HOSE	1	
19	*28485 x 300	HOSE	2	
20	49202	POWER BEYOND FITTING	1	
21	*54951	HOSE CLAMP	3	
22	*56000	TUBE	1	
23	14A-06	LOCKWASHER	10	
24	14C-06	FLATWASHER	4	
25	30A-06	NUT	10	
26		PRIMARY HYDRAULIC CIRCUIT	REF.	SECT. 4
27		MANIFOLD VALVE ASSEMBLY	REF.	SECT. 4 PG. 8
28		SOLENOID VALVE ASSEMBLY	REF.	SECT. 4 PG. 38
29		HYDRAULIC CYLINDER ASSEMBLY	REF.	SECT. 4 PG. 24



EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

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SECCION 12 PAGINA 21

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

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REAR MOUNT WING HYDRAULICS

AUGUST 1987

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REAR MOUNT WING HYDRAULICS

AUGUST 1987

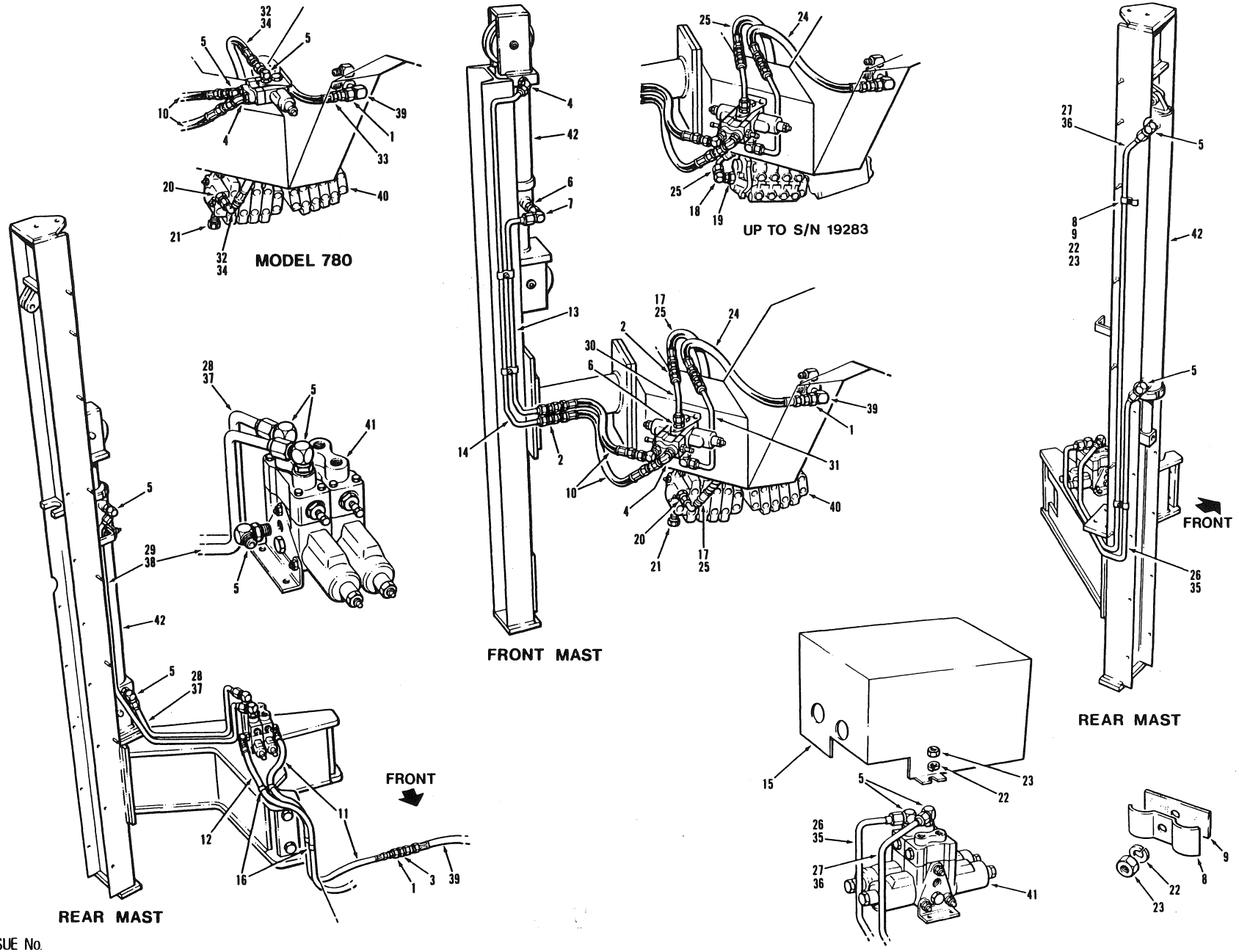
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	110AH-0812	CONNECTOR	3	
2	110L-08	CONNECTOR	2	
3	110L-12	CONNECTOR	1	
4	111A-0808	CONNECTOR	2	
5	111B-0808	CONNECTOR	12	
6	111B-0810	CONNECTOR	1	
7	112B-08	CONNECTOR	1	
8	1008	CLAMP	6	
9	9298	PAD	10	
10	9313 X 22	HOSE	2	
11	9313 X 42	HOSE	1	
12	9313 X 53.5	HOSE	1	
13	18634	TUBE	1	
14	18635	TUBE	1	
15	23400	SOLENOID SHIELD	1	
16	23405	TUBE	1	EXCEPT 780A
17	23406	TUBE	1	
18	23407	TUBE	1	
19	23408	TUBE	1	
20	26476	POWER BEYOND FITTING	1	
21	27756	CLAMP	2	
22	*41788	TUBE	1	EXCEPT 780A
23	*41789	TUBE	1	
24	*45215	TUBE	1	780A
25	*45216	TUBE	1	
26	*45236	TUBE	1	
27	*45237	TUBE	1	
28	*45238	TUBE	1	
29	*45239	TUBE	1	
30	14A-06	LOCKWASHER	A.R.	
31	30A-06	NUT	A.R.	
32		SOLENOID VALVES	REF.	SECTION 4 PAGE 38
33		PRIMARY CIRCUIT	REF.	SECTION 4
34		HYDRUALIC CYLINDERS	REF.	SECTION 12 PAGE 24
35		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8

EFFECTIVE SERIAL NUMBER(S) 18590, 18596 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 12 PAGE 21
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RIGHT - HAND REAR MOUNT WING HYDRAULICS

SEPTEMBER 1988

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RIGHT - HAND REAR MOUNT WING HYDRAULICS

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	110AH-0812	CONNECTOR	2	
2	110L-08	CONNECTOR	4	
3	110L-12	CONNECTOR	1	
4	111A-0808	CONNECTOR	2	
5	111B-0808	CONNECTOR	A.R.	
6	*111E-0808	CONNECTOR	A.R.	
7	*112B-08	CONNECTOR	1	
8	1008	CLAMP	4	
9	9298	PAD	10	
10	9313 X 22	HOSE	2	
11	9313 X 42	HOSE	1	
12	9313 X 53.5	HOSE	1	
13	18634	TUBE	1	
14	18635	TUBE	1	
15	23400	SOLENOID SHIELD	1	
16	27756	HOSE CLAMP	2	
17	*30927 X 10	HOSE WRAP	1	
18	111B-0810	CONNECTOR	1	UP TO S/N 19283
19	26476	POWER BEYOND FITTING	1	UP TO S/N 19283
20	*111E-0810	CONNECTOR	1	S/N 19293 AND UP
21	*49202	POWER BEYOND FITTING	1	S/N 19293 AND UP
22	14A-06	LOCKWASHER	9	
23	30A-06	NUT	9	
		HYDRAULIC CIRCUIT - MODEL 710 THRU 750A		
24	*9313 X 28	HOSE	1	
25	*14382 X 28	HOSE	1	
26	23405	TUBE	1	
27	23406	TUBE	1	
28	23407	TUBE	1	
29	23408	TUBE	1	
30	*46445	TUBE	1	
31	*46446	TUBE	1	
		HYDRAULIC CIRCUIT - MODEL 780 & 780A		
32	*9313 X 36	HOSE	1	UP TO S/N 19283
33	*9313 X 48	HOSE	1	
34	*14382 X 36	HOSE	1	S/N 19293 AND UP
35	45236	TUBE	1	
36	45237	TUBE	1	
37	45238	TUBE	1	
38	45239	TUBE	1	

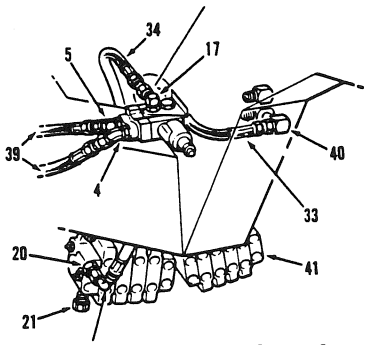
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39		PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4
40		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
41		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGE 38
42		HYDRAULIC CYLINDER ASSEMBLY	REF.	SECTION 12 PAGE 24

CHAMPION ROAD MACHINERY

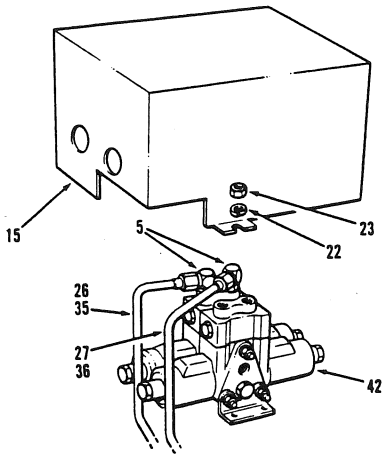
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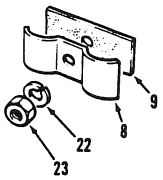
RIGHT-HAND REAR MOUNT WING HYDRAULICS

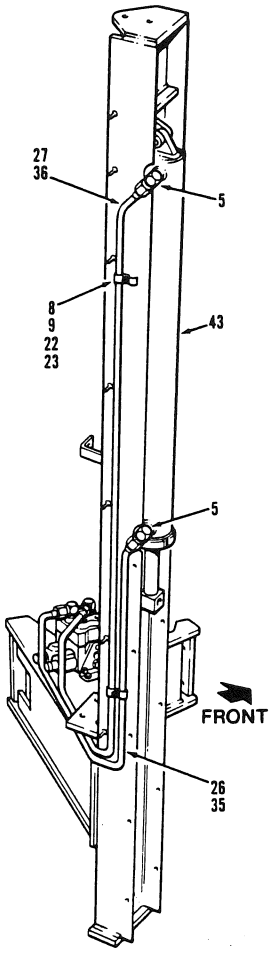
3 REVISION A



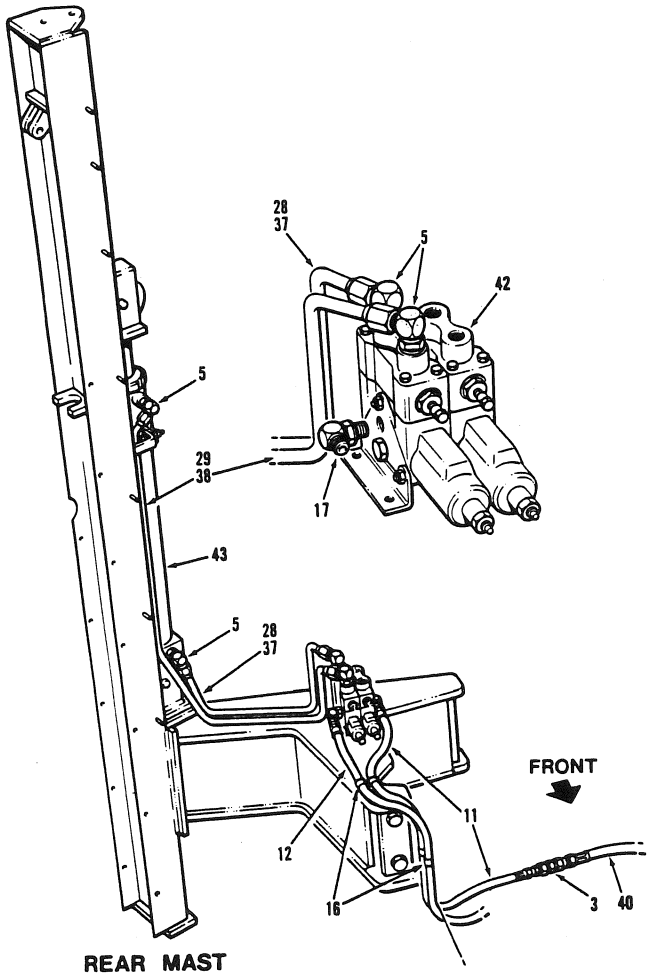
Models 780 & 780A



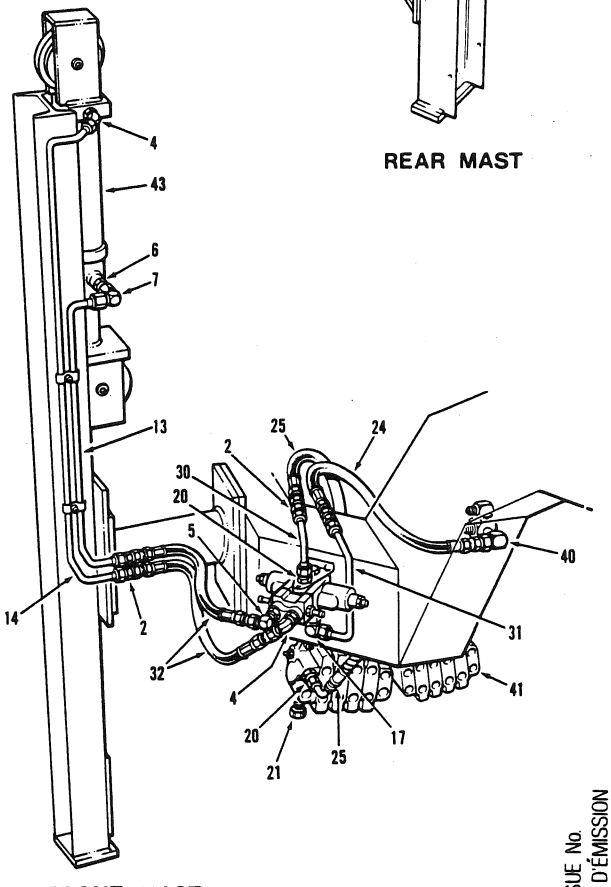




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REAR MAST



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700 SERIES
SERIE 700

SECTION / SECCION 12 | PAGE / PAGINA 22 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 3 REVISION A

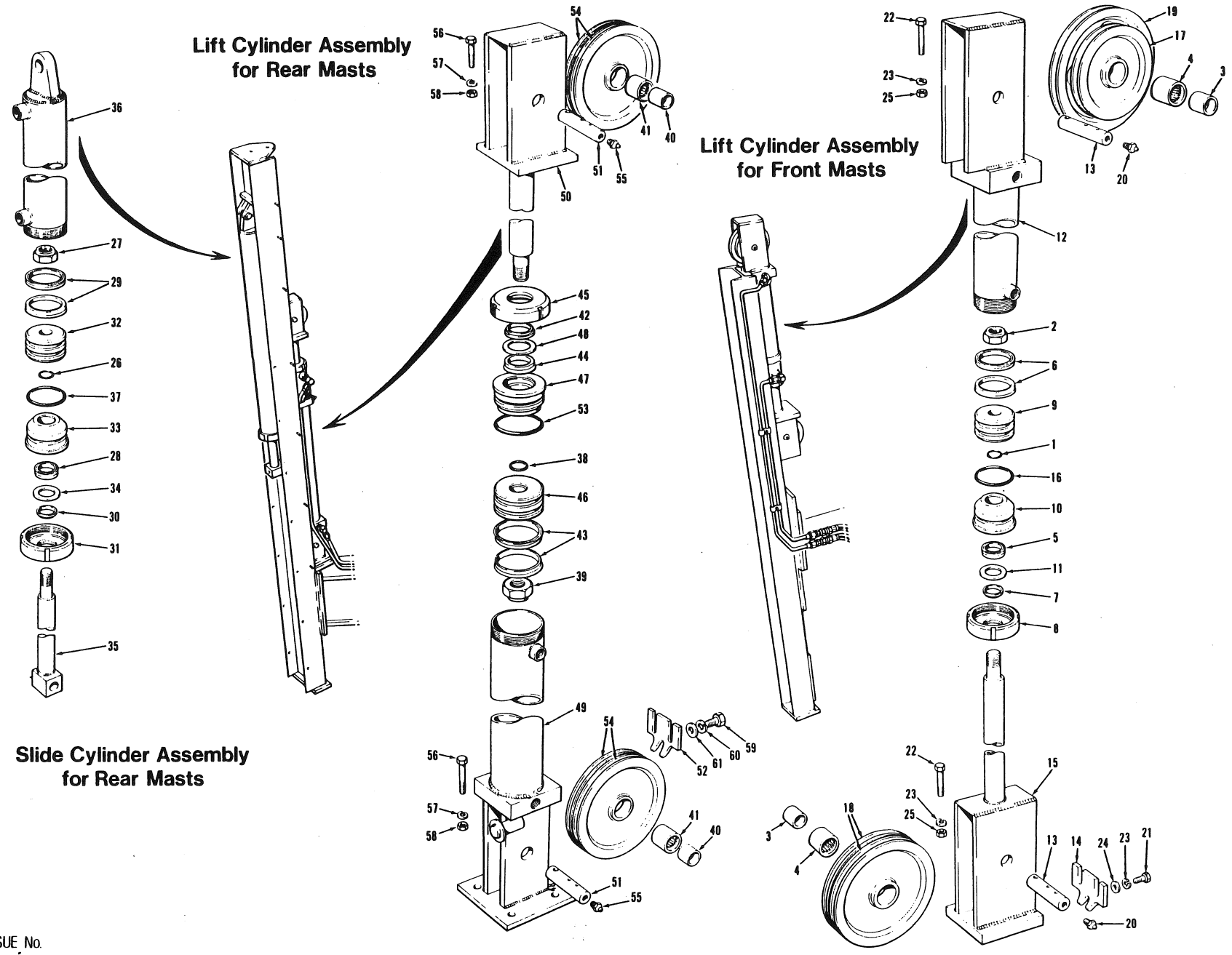
RIGHT - HAND REAR MOUNT WING HYDRAULICS

JUNE 1990

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
2	110L-08	CONNECTOR	4	
3	110L-12	CONNECTOR	1	
4	111A-0808	CONNECTOR	2	
5	111B-0808	CONNECTOR	9	
6	111E-0808	CONNECTOR	1	
7	112B-08	CONNECTOR	1	
8	1008	CLAMP	4	
9	9298	PAD	10	
11	*28485 x 47	HOSE	1	
12	*28485 x 55	HOSE	1	
13	18634	TUBE	1	
14	18635	TUBE	1	
15	23400	SOLENOID SHIELD	1	
16	54951	TUBE CLAMP	2	
17	111B-1210	CONNECTOR	4	
20	54416	CONNECTOR	2	
21	49202	POWER BEYOND FITTING	1	
22	14A-06	LOCKWASHER	9	
23	30A-06	NUT	9	
		HYDRAULIC CIRCUIT - Models 710 thru 750A		
24	*28485 x 28	HOSE	1	
25	28696 x 29	HOSE	1	
26	23405	TUBE	1	
27	23406	TUBE	1	
28	23407	TUBE	1	
29	23408	TUBE	1	
30	53921	TUBE	1	
31	53973	TUBE	1	
32	*9313 x 22	HOSE	2	
		HYDRAULIC CIRCUIT - Models 780 & 780A		
33	28485 x 48	HOSE	1	
34	28696 x 36	HOSE	1	
35	45236	TUBE	1	
36	45237	TUBE	1	
37	45238	TUBE	1	
38	45239	TUBE	1	
39	*9313 x 36	HOSE	2	

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
40		PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4
41		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8
42		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGE 38
43		HYDRAULIC CYLINDER ASSEMBLY	REF.	SECTION 12 PAGE 24

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Nº DE EDICION 1 REVISION A

WING CYLINDERS

SEPTEMBER 1987

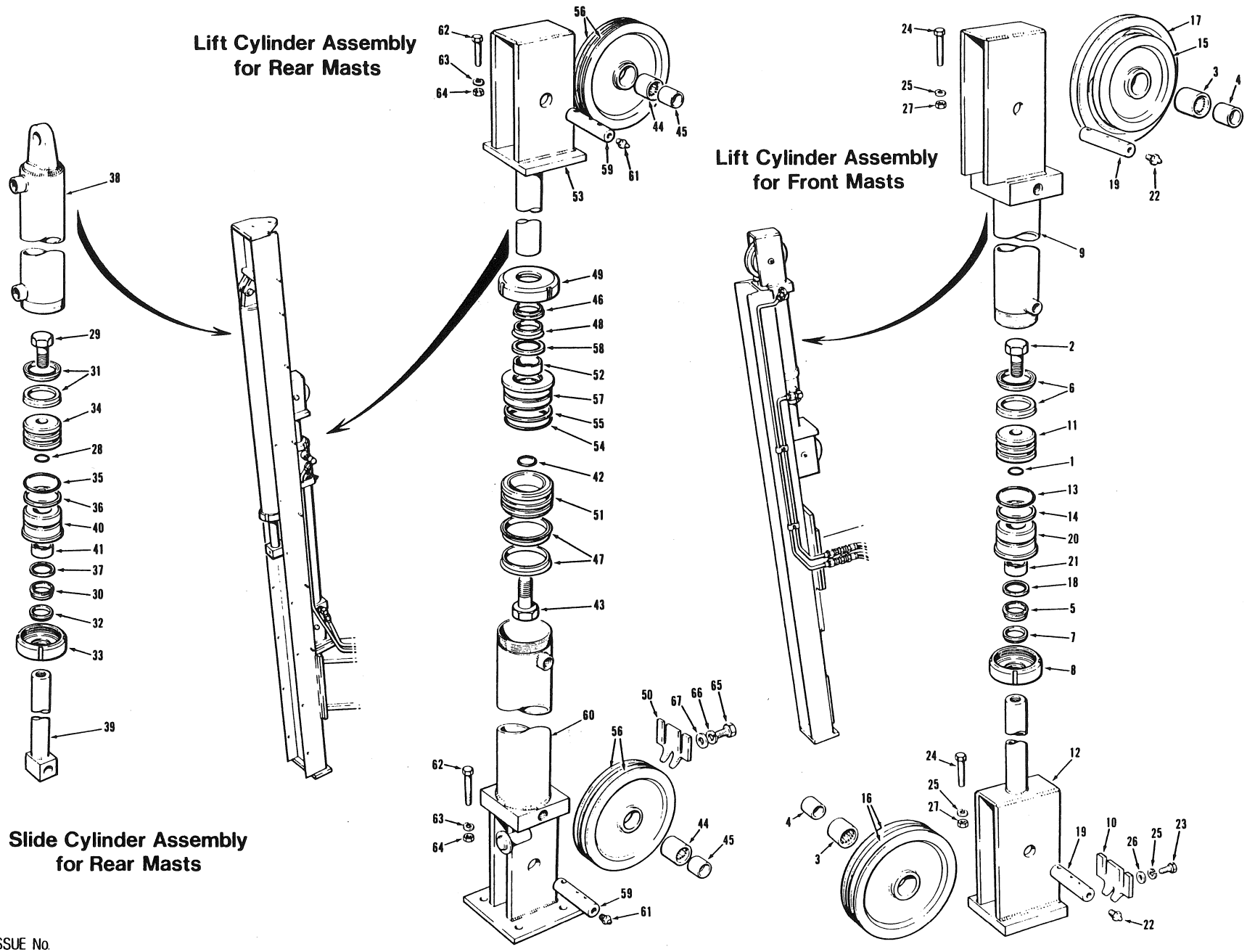
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POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		FRONT MAST LIFT CYLINDER ASSEMBLY		
	18404	CYLINDER ASSY. - INCLUDES ITEMS 1 TO 25	1	
1	12A-214	O RING	1	
2	37H-16	LOCKNUT	1	
3	*1488A	INNER RACE	4	
4	*9292	BEARING	4	
5	12164	ROD SEAL	1	
6	12165	PISTON SEAL	2	
7	12166	WIPER RING	1	
8	17605	CYLINDER NUT	1	
9	17606	PISTON	1	
10	17607	GLAND	1	
11	17613	WASHER	1	
12	18406	CYLINDER BARREL	1	
13	21495	PIN	2	
14	22084	ICE SCRAPER	1	
15	*42596	PISTON ROD	1	
16	*44243	O RING	1	
17	*45395	SHEAVE - INCLUDES ITEMS 3 & 4	1	
18	*45396	SHEAVE - INCLUDES ITEMS 3 & 4	2	
19	*45397	SHEAVE - INCLUDES ITEMS 3 & 4	1	
20	29A-02	GREASE FITTING	2	
21	51A-0608	BOLT	2	
22	50A-0616	BOLT	2	
23	14A-06	LOCKWASHER	4	
24	14C-06	FLATWASHER	2	
25	30A-06	NUT	2	
	26408	REPAIR KIT FOR 18404 CYLINDER ASSY. - INCLUDES ITEMS 1,2,5 TO 7, 11 & 16	A.R.	
		REAR MAST SLIDE CYLINDER ASSEMBLY		
	18453	CYLINDER ASSY. - INCLUDES ITEMS 26 TO 37	1	
26	12A-214	O RING	1	
27	37H-16	LOCKNUT	1	
28	12164	ROD SEAL	1	
29	12165	PISTON SEAL	2	
30	12166	WIPER RING	1	
31	17605	CYLINDER NUT	1	
32	17606	PISTON	1	
33	17607	GLAND	1	
34	17613	WASHER	1	
35	18467	PISTON ROD	1	
36	18468	CYLINDER BARREL	1	
37	*44243	O RING	1	
	26408	REPAIR KIT FOR 18453 CYLINDER ASSY. - INCLUDES ITEMS 26 TO 30,34 & 37	A.R.	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
		REAR MAST LIFT CYLINDER ASSEMBLY		
	18452	LIFT CYLINDER ASSY. - ITEMS 38 TO 61	1	
38	12A-218	O RING	1	
39	37H-20	LOCKNUT	1	
40	*1488A	INNER RACE	4	
41	*9292	BEARING	4	
42	12035	WIPER RING	1	
43	12036	PISTON SEAL	2	
44	12037	ROD SEAL	1	
45	17608	CYLINDER NUT	1	
46	17609	PISTON	1	
47	17610	GLAND	1	
48	17614	WASHER	1	
49	18465	CYLINDER BARREL	1	
50	18466	PISTON ROD	1	
51	21495	PIN	2	
52	22084	ICE SCRAPER	1	
53	*44244	O RING	1	
54	*45396	SHEAVE - INCLUDES ITEMS 40 & 41	4	
55	29A-02	GREASE FITTING	2	
56	50A-0616	BOLT	2	
57	14A-06	LOCKWASHER	2	
58	30A-06	NUT	2	
59	51A-0808	BOLT	2	
60	14A-08	LOCKWASHER	2	
61	14C-08	FLATWASHER	2	
	26409	REPAIR KIT FOR 18452 CLINDER ASSY. - INCLUDES ITEMS 38,39,42 TO 44,48 & 53	A.R.	

EFFECTIVE SERIAL NUMBER(S) 18996 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
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700 SERIES
SERIE 700

SECTION 12 PAGE 23
SECCION 12 PAGINA 23

ISSUE No.
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WING CYLINDERS

SEPTEMBER 1988

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PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

WING CYLINDERS

FRONT MAST LIFT CYLINDER ASSEMBLY

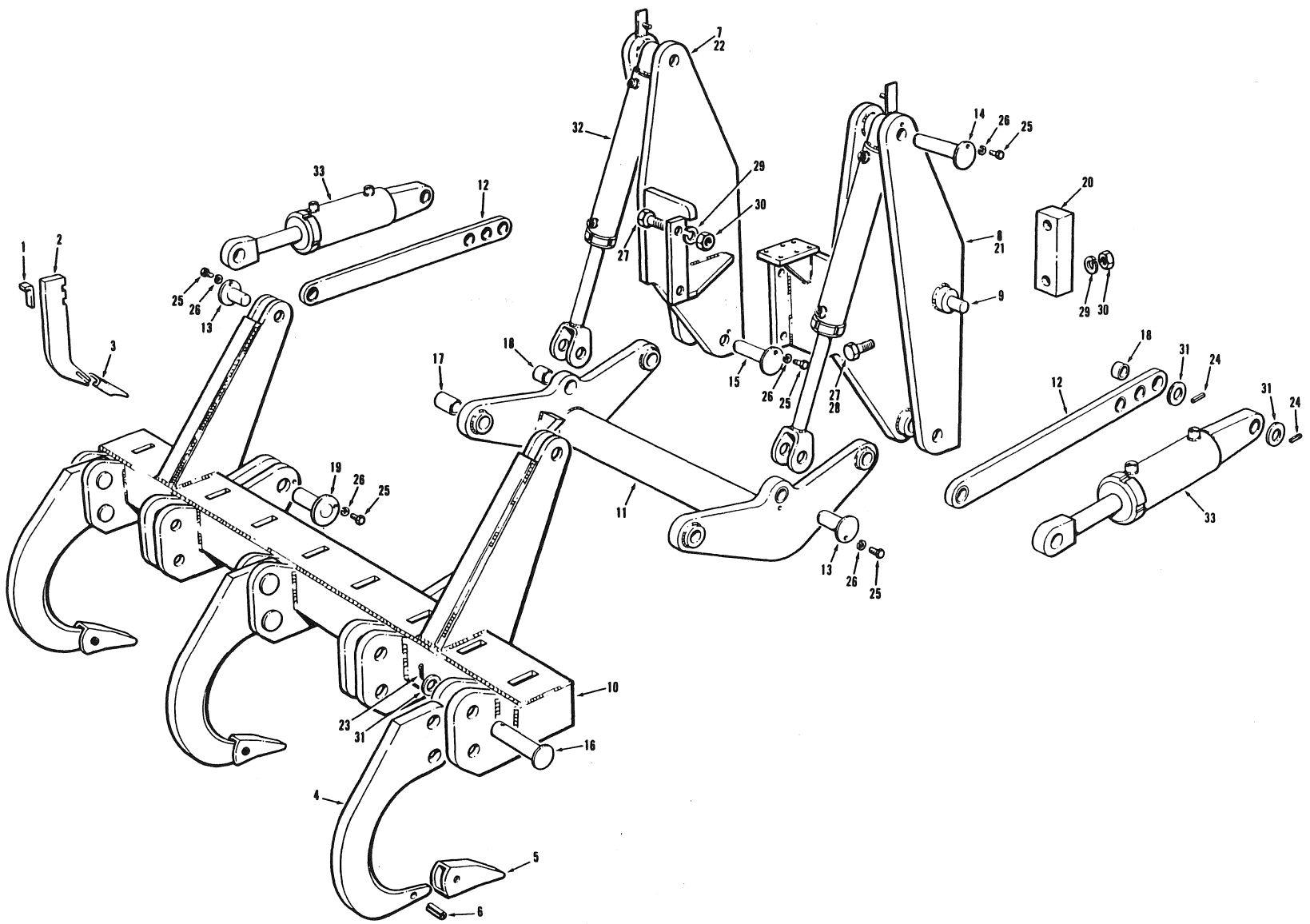
No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
	*46051	CYLINDER ASSY. - INCLUDES ITEMS 1 TO 27	1	
1	*12A-216	O RING	1	
2	*50A-1220	BOLT	1	
3	9292	BEARING	4	
4	*9573	INNER RACE	4	
5	12164	ROD SEAL	1	
6	12165	PISTON SEAL	2	
7	12166	WIPER RING	1	
8	17605	CYLINDER NUT	1	
9	18406	CYLINDER BARREL	1	
10	22084	ICE SCRAPER	1	
11	*42122	PISTON	1	
12	*43620	PISTON ROD	1	
13	44243	O RING	1	
14	*44343	BACK-UP RING	1	
15	45395	SHEAVE - INCLUDES ITEMS 3 & 4	1	
16	45396	SHEAVE - INCLUDES ITEMS 3 & 4	2	
17	45397	SHEAVE - INCLUDES ITEMS 3 & 4	1	
18	*45889	BUFFER RING	1	
19	*46050	PIN	2	
20	*49393	GLAND	1	
21	*49394	WEAR RING	1	
22	*28A-04	GREASE FITTING	2	
23	51A-0608	BOLT	2	
24	50A-0616	BOLT	2	
25	14A-06	LOCKWASHER	4	
26	14C-06	FLATWASHER	2	
27	30A-06	NUT	2	
	*48870	REPAIR KIT FOR 46051 CYLINDER ASSY. - INCLUDES ITEMS 1,2,5 TO 7,13,14,18 & 20	A.R.	

REAR MAST SLIDE CYLINDER ASSEMBLY

	*46053	CYLINDER ASSY. - INCLUDES ITEMS 28 TO 41	1	
28	*12A-216	O RING	1	
29	*50A-1220	BOLT	1	
30	12164	ROD SEAL	1	
31	12165	PISTON SEAL	2	
32	12166	WIPER RING	1	
33	17605	CYLINDER NUT	1	
34	*42122	PISTON	1	
35	44243	O RING	1	
36	*44343	BACK-UP RING	1	
37	*45889	BUFFER RING	1	
38	*46054	CYLINDER BARREL	1	
39	*46178	PISTON ROD	1	
40	*49393	GLAND	1	
41	*49394	WEAR RING	1	
	*48870	REPAIR KIT FOR 46053 CYLINDER ASSY. - INCLUDES ITEMS 28 TO 32,35 TO 37 & 41	A.R.	

REAR MAST LIFT CYLINDER ASSEMBLY

	*46052	LIFT CYLINDER ASSY. - ITEMS 42 TO 67	1	
42	*12A-224	O RING	1	
43	*50A-1620	BOLT	1	
44	9292	BEARING	4	
45	*9573	INNER RACE	4	
46	12035	WIPER RING	1	
47	12036	PISTON SEAL	2	
48	12037	ROD SEAL	1	
49	17608	CYLINDER NUT	1	
50	22084	ICE SCRAPER	1	
51	*42151	PISTON	1	
52	*43074	WEAR RING	1	
53	*43763	PISTON ROD	1	
54	44244	O RING	1	
55	*44266	BACK-UP RING	1	
56	45396	SHEAVE - INCLUDES ITEMS 44 & 45	4	
57	*45734	GLAND	1	
58	*45890	BUFFER RING	1	
59	*46050	PIN	2	
60	*46271	CYLINDER BARREL	1	
61	*28A-04	GREASE FITTING	2	
62	50A-0616	BOLT	2	
63	14A-06	LOCKWASHER	2	
64	30A-06	NUT	2	
65	51A-0808	BOLT	2	
66	14A-08	LOCKWASHER	2	
67	14C-08	FLATWASHER	2	
	*48953	REPAIR KIT FOR 46052 CLINDER ASSY. - INCLUDES ITEMS 42,43,46 TO 48,52,54, 55 & 58	A.R.	



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REAR MOUNT RIPPER INSTALLATION

MAY 1986

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NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 12 PAGE 25
SECCION 12 PAGINA 25

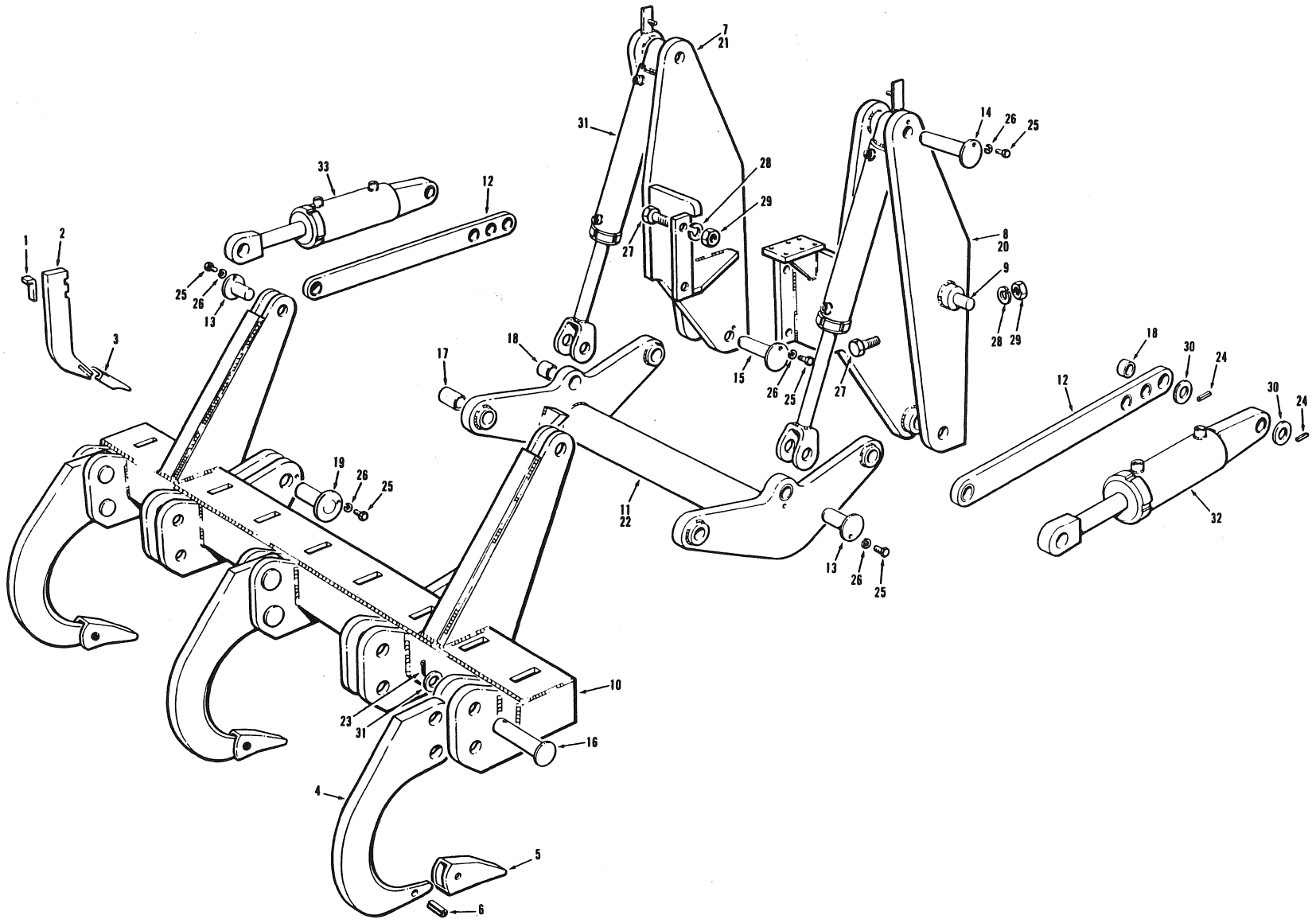
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SECTION / SECCION 12 | PAGE / PAGINA 26 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 1 REVISION A

REAR MOUNT RIPPER INSTALLATION

MAY 1986

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		RIPPER MECHANICAL ASSEMBLY - INCLUDES ITEMS 4 TO 32		STANDARD
		RIPPER MECHANICAL ASSEMBLY - COMPLETE WITH TOOTH TILT CYLINDERS - INCLUDES ITEMS 4 TO 11 & 13 TO 33		OPTIONAL
1	98	WEDGE	A.R.	OPTIONAL
2	8110	TOOTH SHANK	A.R.	
3	8111	TOOTH TIP	A.R.	
4	9934	SHANK	A.R.	
5	9937	POINT	A.R.	
6	9938	PIN	A.R.	
7	12972	BRACKET - L.H.	1	EXCEPT 760A
8	12973	BRACKET - R.H.	1	EXCEPT 760A
9	12973-21	PIVOT STUD	A.R.	REPAIR PART
10	12974	RIPPER BOX	1	
11	12975	LOWER PULL ARM ASSY. - INCLUDES ITEMS 13 (4 REQUIRED) & ITEM 14 (2 REQUIRED)	1	
12	12976	CONTROL ROD ASSY. - INCLUDES ITEM 14 (4 REQUIRED)	2	
13	12978	PIN	4	
14	12980	PIN	2	
15	12981	PIN	2	
16	13033	PIN	A.R.	
17	18600	BUSHING	4	
18	18601	BUSHING	10	
19	26811	PIN	2	
20	*42980	SPACER - SEE ITEM 28	2	760A ONLY
21	*44031	BRACKET - R.H.	1	
22	*44032	BRACKET - L.H.	1	
23	13A-0848	COTTER PIN	A.R.	
24	13J-1240	ROLL PIN	2	
25	50A-0606	BOLT	10	
26	14A-06	LOCKWASHER	10	
27	50A-2036	BOLT	4or8	
28	*50A-2052	BOLT - USED WITH ITEM 20	4	760A ONLY
29	14A-20	LOCKWASHER	8	
30	30A-20	NUT	8	
31	14C-24	FLATWASHER	A.R.	
32		RIPPER CYLINDER ASSEMBLY	REF.	SECTION 12 PAGE 28
33		RIPPER TOOTH TILT CYLINDER ASSEMBLY	REF.	SECTION 12 PAGE 28



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2

REAR MOUNT RIPPER INSTALLATION

DECEMBER 1986

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REAR MOUNT RIPPER INSTALLATION

DECEMBER 1986

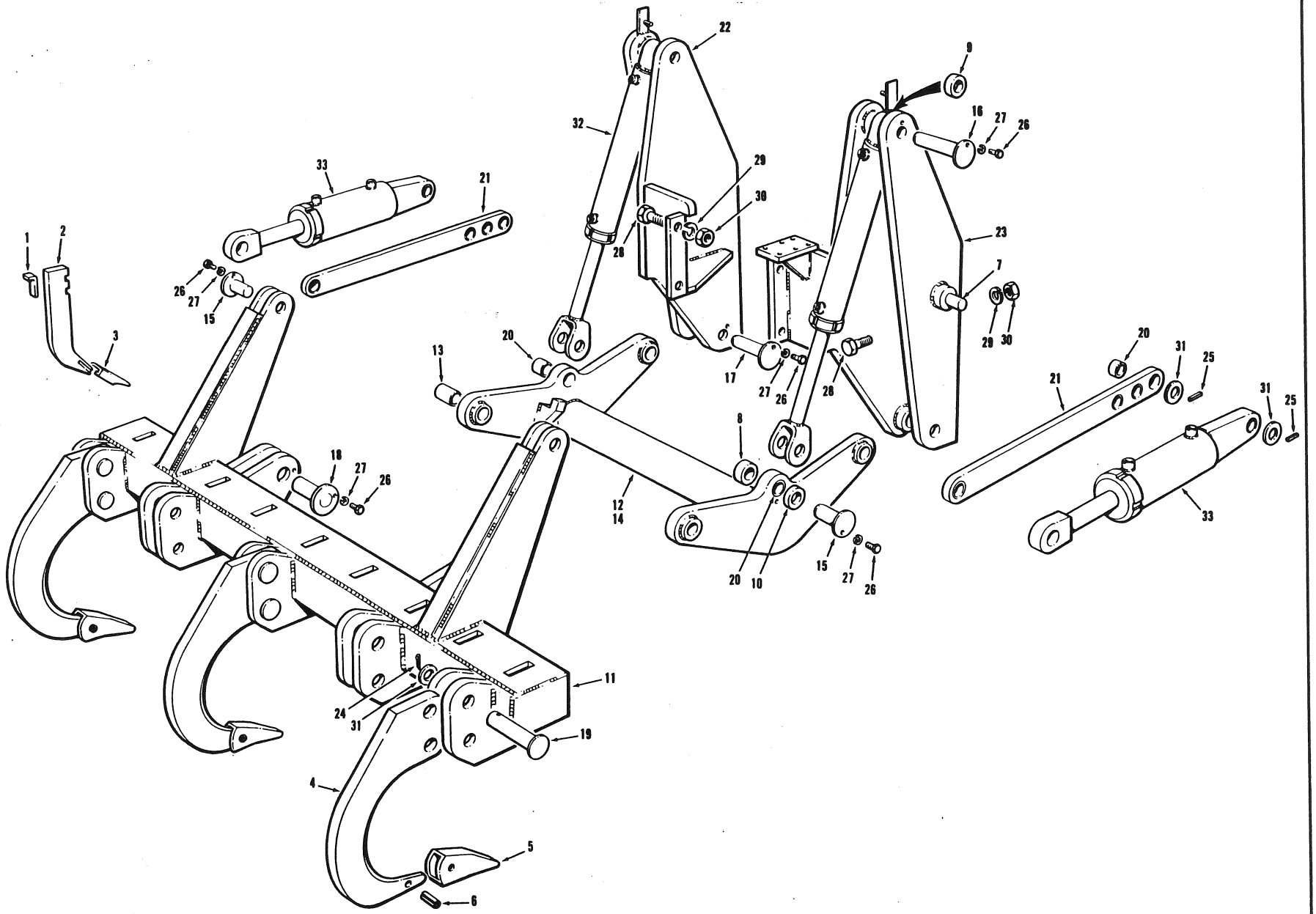
No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
		RIPPER MECHANICAL ASSEMBLY - INCLUDES ITEMS 4 TO 31		STANDARD
		RIPPER MECHANICAL ASSEMBLY - COMPLETE WITH TOOTH TILT CYLINDERS - INCLUDES ITEMS 4 TO 11 & 13 TO 32		OPTIONAL
1	98	WEDGE	A.R.	OPTIONAL
2	8110	TOOTH SHANK	A.R.	
3	8111	TOOTH TIP	A.R.	
4	9934	SHANK	A.R.	
5	9937	POINT	A.R.	
6	9938	PIN	A.R.	
7	12972	BRACKET - L.H.	1	EXCEPT 780 & 780A
8	12973	BRACKET - R.H.	1	
9	12973-21	PIVOT STUD	A.R.	REPAIR PART
10	12974	RIPPER BOX	1	
11	12975	LOWER PULL ARM ASSY. - INCLUDES ITEMS 13 (4 REQUIRED) & ITEM 14 (2 REQUIRED)	1	EXCEPT 780 & 780A
12	12976	CONTROL ROD ASSY. - INCLUDES ITEM 14 (4 REQUIRED)	2	
13	12978	PIN	4	
14	12980	PIN	2	
15	12981	PIN	2	
16	13033	PIN	A.R.	
17	18600	BUSHING	4	
18	18601	BUSHING	4or8	
19	26811	PIN	1	
20	*44807	BRACKET - L.H.	1	780 & 780A
21	*44808	BRACKET - R.H.	1	
22	*45009	LOWER PULL ARM ASSY. - INCLUDES ITEMS 13 (4 REQUIRED) & ITEM 14 (2 REQUIRED)	1	
23	13A-0848	COTTER PIN	A.R.	
24	13J-1240	ROLL PIN	2	
25	50A-0606	BOLT	10	
26	14A-06	LOCKWASHER	10	
27	50A-2036	BOLT	4or8	
28	14A-20	LOCKWASHER	8	
29	30A-20	NUT	8	
30	14C-24	FLATWASHER	A.R.	
31		RIPPER CYLINDER ASSEMBLY	REF.	SECTION 12 PAGE 28
32		RIPPER TOOTH TILT CYLINDER ASSEMBLY	REF.	SECTION 12 PAGE 28

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20265 & UP

700 SERIES
SERIE 700

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REAR MOUNT RIPPER INSTALLATION

APRIL 1989

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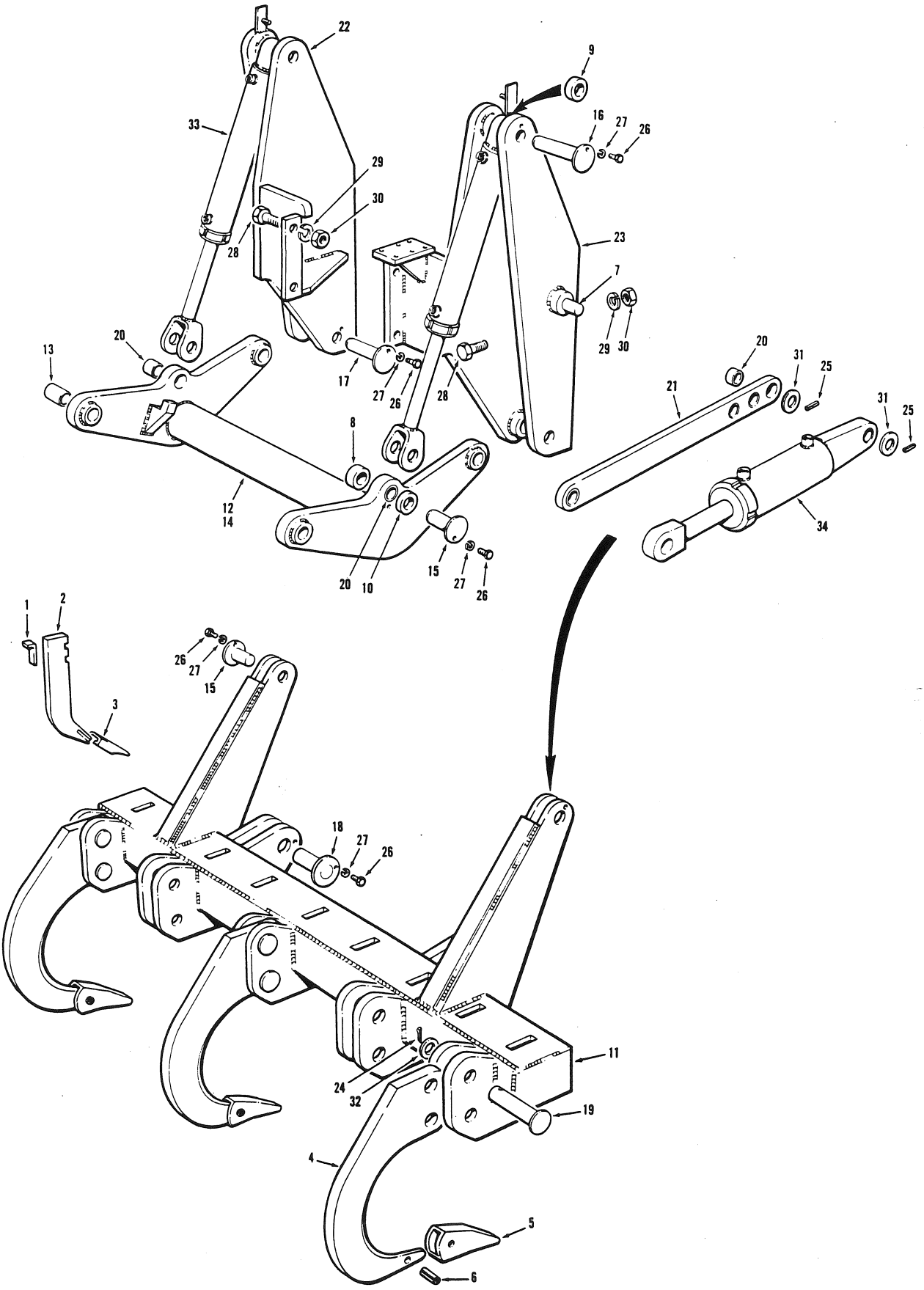
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SECTION / SECCION 12 | PAGE / PAGINA 26 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 3

REAR MOUNT RIPPER INSTALLATION

APRIL 1990

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
		RIPPER MECHANICAL ASSEMBLY - INCLUDES ITEMS 4 TO 32		STANDARD
		RIPPER MECHANICAL ASSEMBLY - COMPLETE WITH TOOTH TILT CYLINDERS - INCLUDES ITEMS 4 TO 20, 22 TO 33		OPTIONAL
1	98	WEDGE	A.R.	OPTIONAL
2	8110	TOOTH SHANK	A.R.	
3	8111	TOOTH TIP	A.R.	
4	9934	SHANK	A.R.	
5	9937	POINT	A.R.	
6	9938	PIN	A.R.	
7	12973-21	PIVOT STUD	A.R.	REPAIR PART
8	*12973-31	SPACER - 3.00"	A.R.	
9	*12973-32	SPACER - 2.50"	A.R.	
10	*12973-36	SPACER - 3.00"	A.R.	
11	12974	RIPPER BOX	1	
12	12975	LOWER PULL ARM ASSEMBLY - INCLUDES ITEMS 15 (4 REQ'D) & 16 (2 REQ'D)	1	710 thru 750A
13	*30559	BUSHING	4	
14	45009	LOWER PULL ARM ASSEMBLY - INCLUDES ITEM 16 (4 REQ'D)	1	780/780A
15	*48278	PIN	4	
16	*48280	PIN	2	
17	*48282	PIN	2	
18	*48284	PIN	1	
19	*48286	PIN	6	
20	*48342	BUSHING	4 or 8	
21	*48414	CONTROL ROD ASSEMBLY - INCLUDES ITEMS 16 (4 REQ'D)	2	
22	*53837	BRACKET - L.H.	1	
23	*53838	BRACKET - R.H.	1	
24	13A-0848	COTTER PIN	A.R.	
25	*13C-1240	ROLL PIN	2	
26	50A-0606	BOLT	10	
27	14A-06	LOCKWASHER	10	
28	50A-2036	BOLT	4 or 8	
29	14A-20	LOCKWASHER	8	
30	30A-20	NUT	8	
31	14C-24	LOCKWASHER	A.R.	
32		RIPPER CYLINDER ASSEMBLY	REF.	SECT. 12 PG. 28
33		RIPPER TOOTH TILT CYLINDER ASSEMBLY	REF.	SECTION 12 PG. 28



CHAMPION RC.. MACHINERY

FEBRUARY 1991

REAR MOUNT RIPPER INSTALLATION

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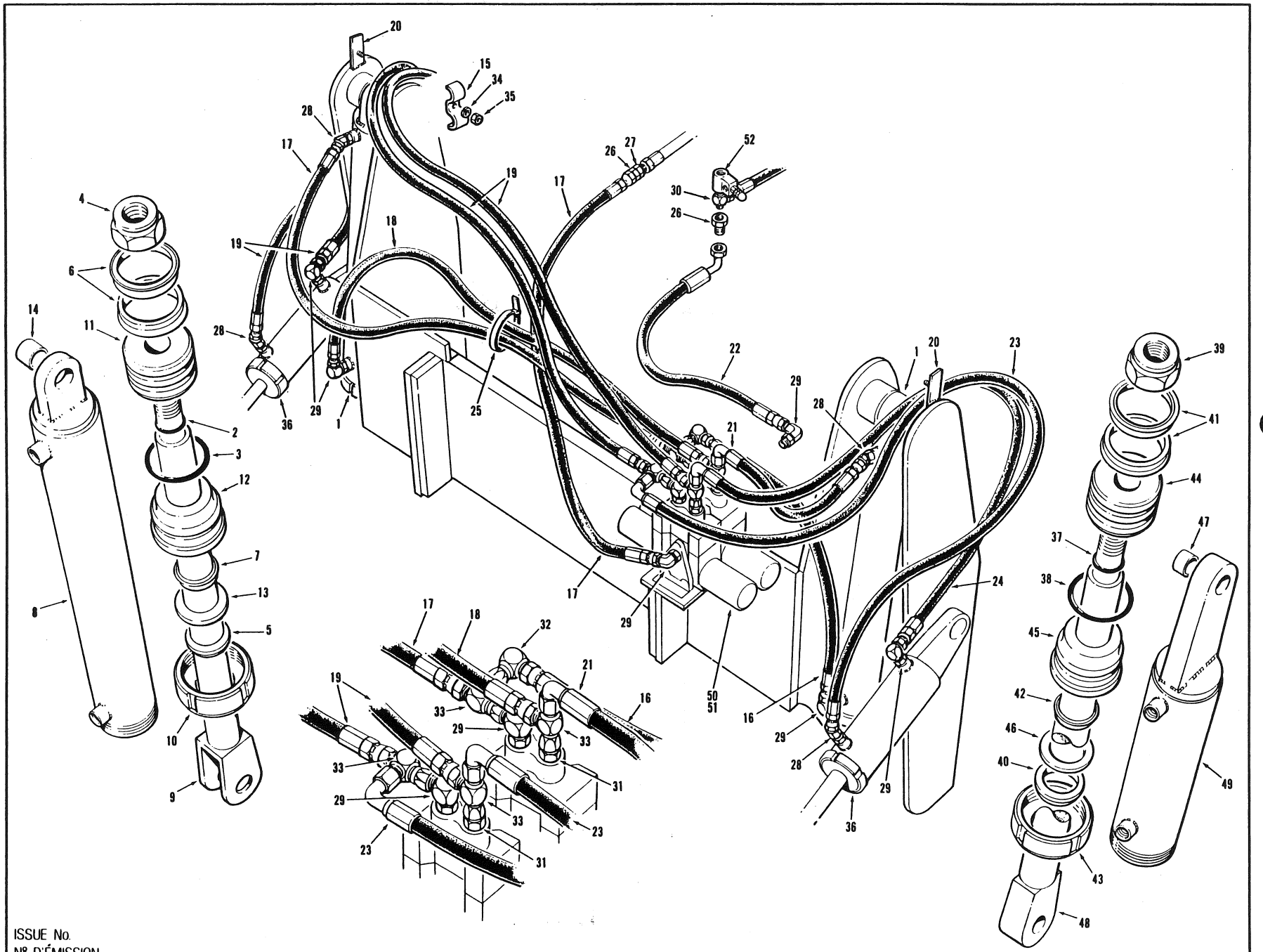
700 SERIES
SERIE 700

SECTION 12 PAGE 25
SECCION PAGINA

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REAR MOUNT RIPPER INSTALLATION

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	98	WEDGE	9	OPTIONAL
2	8110	TOOTH SHANK	9	
3	8111	TOOTH TIP	9	
4	9934	SHANK	3	
5	9937	POINT	3	
6	9938	PIN	3	
7	12973-21	PIVOT STUD	2	Repair Part
8	12973-31	SPACER - 3.00"	2 to 4	
9	12973-32	SPACER - 2.50"	2 to 4	
10	12973-36	SPACER - 3.00"	2 to 4	
11	12974	RIPPER BOX	1	
12	12975	**LOWER PULL ARM ASSEMBLY** - INCLUDES ITEMS 15 (4 Req'd) & 16 (2 Req'd)	1	710 thru 750A
13	30559	BUSHING	4	
14	45009	**LOWER PULL ARM ASSEMBLY** - INCLUDES ITEM 16 (4 Req'd)	1	780/780A
15	48278	PIN	4	
16	48280	PIN	2	
17	48282	PIN	2	
18	48284	PIN	1	
19	48286	PIN	6	
20	48342	BUSHING	4 or 8	
21	48414	**CONTROL ROD ASSEMBLY** - INCLUDES ITEMS 16 (4 Req'd)	2	
22	53837	BRACKET - L.H.	1	
23	*57073	BRACKET - R.H.	1	710 thru 750A
	*57268	BRACKET - R.H.	1	780/780A
24	13A-0848	COTTER PIN	6	
25	13C-1240	ROLL PIN	2	
26	50A-0606	BOLT	10	
27	14A-06	LOCKWASHER	10	
28	50A-2036	BOLT	4 or 8	
29	14A-20	LOCKWASHER	8	
30	30A-20	NUT	8	
31	14C-24	FLATWASHER	2	
32	*56890	WASHER	6	
33		**RIPPER CYLINDER ASSEMBLY**	REF.	Sect 12 Pg 27
34		**RIPPER TOOTH TILT CYLINDER ASSEMBLY**	REF.	Sect 12 Pg 27



ISSUE No.
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RIPPER CYLINDER & CIRCUIT

MAY 1986

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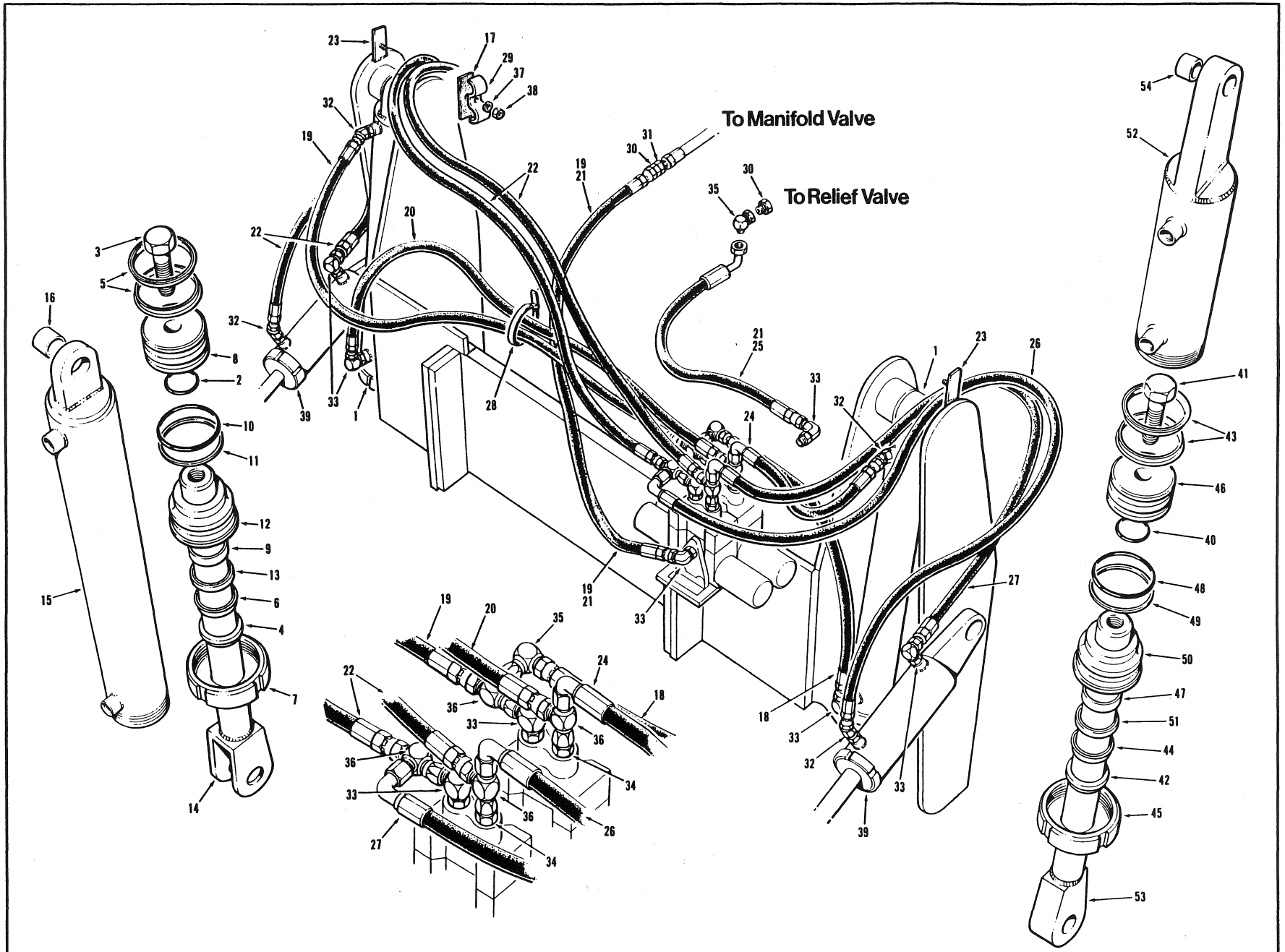
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NUMERO(S) DE SERIE EFECTIVO(S)
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700 SERIES
SERIE 700

SECTION 12 PAGE 27
SECCION 12 PAGINA 27

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	12977	RIPPER CYLINDER ASSY. - INCLUDES ITEMS 2 TO 14	2	
2	12A-218	O RING	1	
3	*44244	O RING	1	
4	37H-20	NUT	1	
5	12035	WIPER RING	1	
6	12036	PISTON SEAL	2	
7	12037	ROD SEAL	1	
8	12982	CYLINDER BARREL	1	
9	12983	PISTON ROD	1	
10	17608	CYLINDER NUT	1	
11	17609	PISTON	1	
12	17610	GLAND	1	
13	17614	WASHER	1	
14	18601	BUSHING	1	
	26409	REPAIR KIT FOR 12977 CYLINDER ASSY. - INCLUDES ITEMS 2 TO 7 & 13	A.R.	
		HYDRAULIC CIRCUITS		
15	8425	CLAMP	2	
16	9313 X 28	HOSE	1	
17	9313 X 42	HOSE	2	
18	*9313 X 48	HOSE	1	
19	*9313 X 90	HOSE	2	TOOTH TILT
20	10833	CLAMP BAR	2	REPAIR PART
21	14382 X 14	HOSE	1	
22	*14382 X 52	HOSE	1	
23	14382 X 63	HOSE	1	TOOTH TILT
24	14382 X 70	HOSE	1	TOOTH TILT
25	15774	NYLON TIE	A.R.	
26	*110AH-0812	CONNECTOR	2	
27	110L-12	CONNECTOR	1	
28	111A-0808	CONNECTOR	A.R.	
29	111B-0808	CONNECTOR	A.R.	
30	*111B-1210	CONNECTOR	1	
31	111E-0808	CONNECTOR	A.R.	
32	112B-08	CONNECTOR	1	
33	112C-08	TEE	A.R.	
34	14A-06	LOCKWASHER	4	
35	30A-06	NUT	4	
36	23480	RIPPER TOOTH TILT CYLINDER ASSY. - INCLUDES ITEMS 37 TO 49	2	OPTIONAL
37	*12A-214	O RING	1	
38	*44244	O RING	1	
39	*37H-16	NUT	1	
40	12035	WIPER RING	1	
41	12036	PISTON SEAL	2	
42	12037	ROD SEAL	1	
43	17608	CYLINDER NUT	1	
44	17609	PISTON	1	
45	17610	GLAND	1	
46	17614	WASHER	1	
47	18601	BUSHING	1	
48	23423	PISTON ROD	1	
49	23491	CYLINDER BARREL	1	
	*44392	REPAIR KIT FOR 23480 CYLINDER ASSY. - INCLUDES ITEMS 37 TO 42 & 46	A.R.	
50		SOLENOID VALVE ASSEMBLY - SINGLE	REF.	SECTION 4 PAGE 38
51		SOLENOID VALVE ASSEMBLY - DOUBLE	REF.	SECTION 4 PAGE 38
52		RELIEF VALVE ASSEMBLY - SEE PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4



ISSUE No.
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RIPPER CYLINDER & CIRCUIT

MARCH 1989

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EFFECTIVE SERIAL NUMBER(S) 19209 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

SECTION 12 PAGE 27
SECCION 12 PAGINA 27

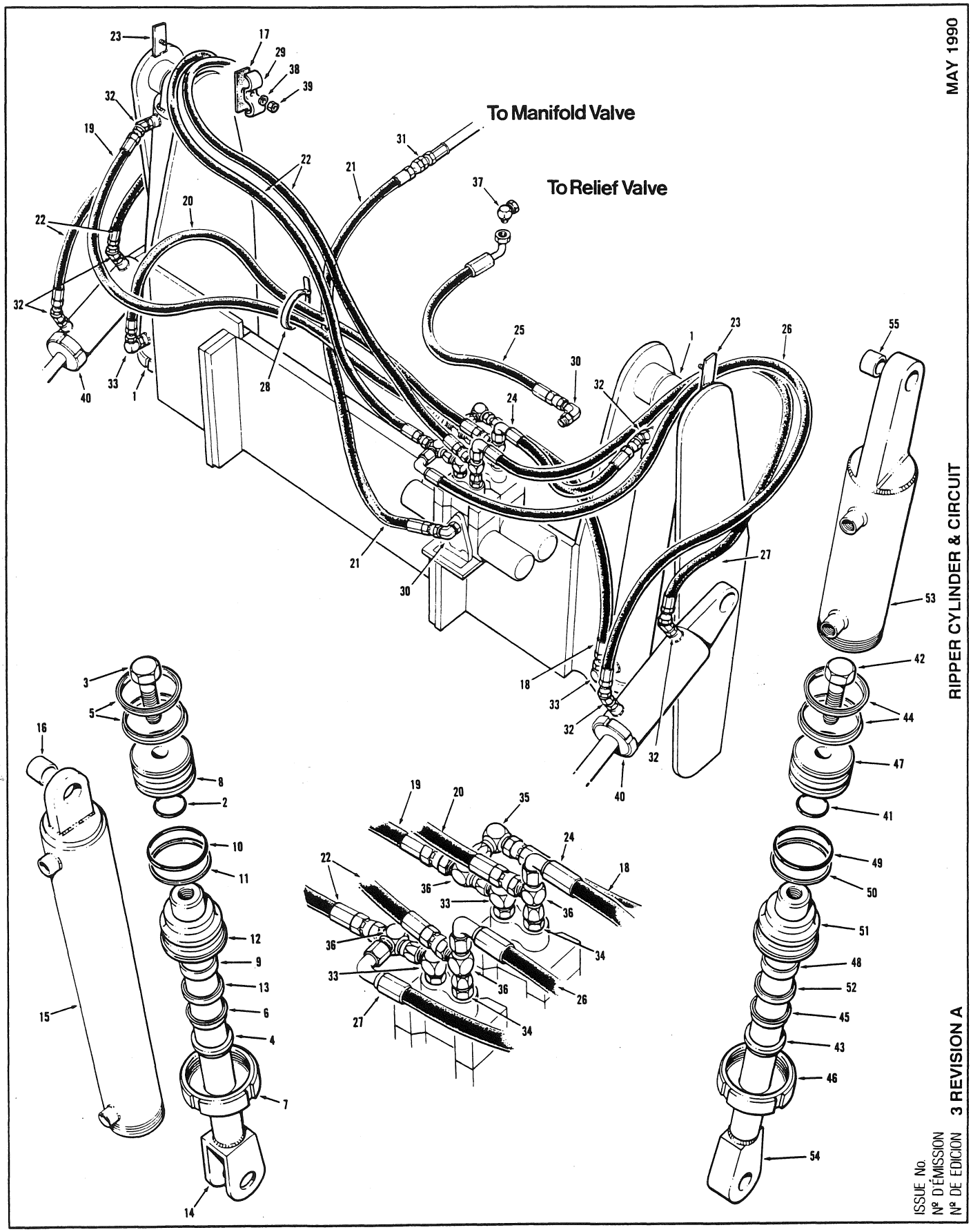
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RIPPER CYLINDER & CIRCUIT

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	*46326	RIPPER CYLINDER ASSY. - INCLUDES ITEMS 2 TO 16	2	
2	*12A-224	O RING	1	
3	*50A-1620	BOLT	1	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	CYLINDER NUT	1	
8	*42151	PISTON	1	
9	*43074	WEAR RING	1	
10	44244	O RING	1	
11	*44266	BACK-UP RING	1	
12	*45734	GLAND	1	
13	*45890	BUFFER RING	1	
14	*46327	PISTON ROD	1	
15	*46328	CYLINDER BARREL	1	
16	*48342	BUSHING	1	
	*48953	REPAIR KIT FOR 46326 CYLINDER ASSY. - INCLUDES ITEMS 2 TO 6, 9, 10, 11 & 13	A.R.	
		HYDRAULIC CIRCUITS		
17	*9298	PAD	2	
18	9313 X 28	HOSE	1	
19	9313 X 42	HOSE	2	
20	9313 X 48	HOSE	1	
21	*9313 X 53.5	HOSE	2	
22	9313 X 90	HOSE	2	TOOTH TILT
23	10833	CLAMP BAR	2	REPAIR PART
24	14382 X 14	HOSE	1	
25	14382 X 52	HOSE	1	
26	14382 X 63	HOSE	1	TOOTH TILT
27	14382 X 70	HOSE	1	TOOTH TILT
28	15774	NYLON TIE	A.R.	
29	*27756	CLAMP	2	
30	110AH-0812	CONNECTOR	2	
31	110L-12	CONNECTOR	1	
32	111A-0808	CONNECTOR	A.R.	
33	111B-0808	CONNECTOR	A.R.	
34	111E-0808	CONNECTOR	A.R.	
35	112B-08	CONNECTOR	2	
36	112C-08	TEE	A.R.	
37	*14A-06	LOCKWASHER	4	
38	*30A-06	NUT	4	

No. / Nº / Nº	PART No. / Nº DE PIECE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
39	*46329	RIPPER TOOTH TILT CYLINDER ASSY. - INCLUDES ITEMS 40 TO 54	2	OPTIONAL
40	*12A-224	O RING	1	
41	*50A-1620	BOLT	1	
42	12035	WIPER RING	1	
43	12036	PISTON SEAL	2	
44	12037	ROD SEAL	1	
45	17608	CYLINDER NUT	1	
46	*42151	PISTON	1	
47	*43074	WEAR RING	1	
48	44244	O RING	1	
49	*44266	BACK-UP RING	1	
50	*45734	GLAND	1	
51	*45890	BUFFER RING	1	
52	*46330	CYLINDER BARREL	1	
53	*46331	PISTON ROD	1	
54	*48342	BUSHING	1	
	*48953	REPAIR KIT FOR 46329 CYLINDER ASSY. - INCLUDES ITEMS 40 TO 44, 47, 48, 49 & 51	A.R.	



CHAMPION ROAD MACHINERY

MAY 1990

RIPPER CYLINDER & CIRCUIT

3 REVISION A

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NUMERO(S) DE SERIE EFECTIVO(S)

19982, 19984, 19985, 19996, 20005, 20105, 20107 & UP

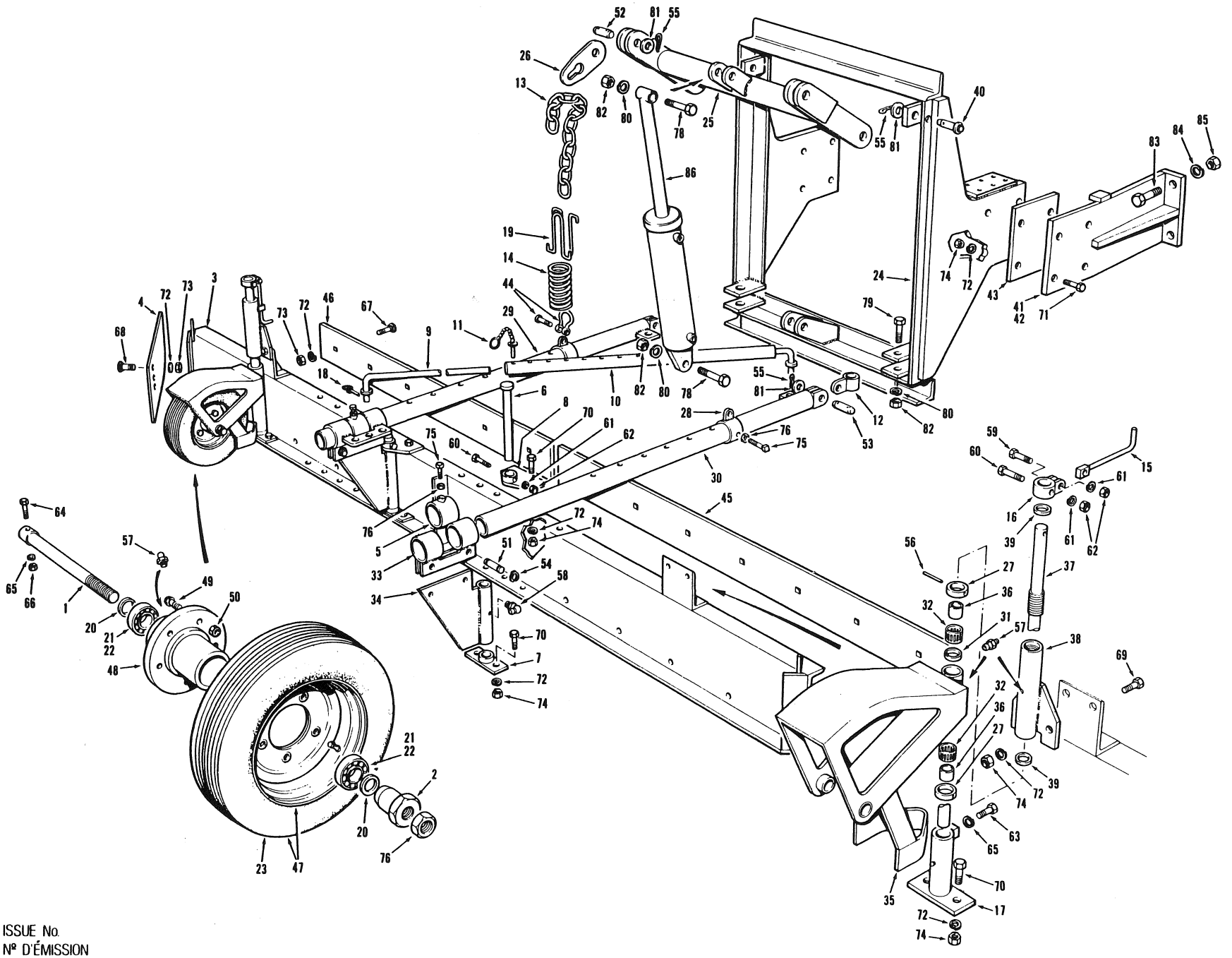
700 SERIES
SERIE 700

SECTION 12 PAGE 27
SECCION PAGINA

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RIPPER CYLINDER & CIRCUIT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	46326	**RIPPER CYLINDER ASSEMBLY**	2	
		- INCLUDES ITEMS 2 TO 16		
	48953	**REPAIR KIT FOR 46326 CYLINDER ASSEMBLY**	1 per	
		- INCLUDES ITEMS 2 TO 6, 9, 10, 11 & 13		
2	12A-224	O RING	1	
3	50A-1620	BOLT	1	
4	12035	WIPER RING	1	
5	12036	PISTON SEAL	2	
6	12037	ROD SEAL	1	
7	17608	CYLINDER NUT	1	
8	42151	PISTON	1	
9	43074	WEAR RING	1	
10	44244	O RING	1	
11	44266	BACK-UP RING	1	
12	45734	GLAND	1	
13	45890	BUFFER RING	1	
14	46327	PISTON ROD	1	
15	46328	CYLINDER BARREL	1	
16	48342	BUSHING	1	
		HYDRAULIC CIRCUITS		
17	9298	PAD	2	
18	9313 x 28	HOSE	1	
19	9313 x 42	HOSE	2	
20	9313 x 48	HOSE	1	
21	28485 x 55	HOSE	2	
22	9313 x 90	HOSE	2	TOOTH TILT
23	10833	CLAMP BAR	2	REPAIR PART
24	*14382 x 18	HOSE	1	
25	28696 x 64	HOSE	1	
26	14382 x 63	HOSE	1	TOOTH TILT
27	14382 x 70	HOSE	1	TOOTH TILT
28	15774	NYLON TIE	3	
29	54951	CLAMP	2	
30	54416	CONNECTOR	2	
31	110L-12	CONNECTOR	1	
32	111A-0808	CONNECTOR	6	
33	111B-0808	CONNECTOR	4	
34	111E-0808	CONNECTOR	2	
35	112B-08	CONNECTOR	1	
36	112C-08	TEE	4	
37	111B-1212	CONNECTOR	1	
38	14A-06	LOCKWASHER	4	
39	30A-06	NUT	4	
40	46329	**RIPPER TOOTH TILT CYLINDER ASSEMBLY**	2	OPTIONAL
		- INCLUDES ITEMS 41 TO 55		
	48953	**REPAIR KIT FOR 46329 CYLINDER ASSEMBLY**	1 per	
		- INCLUDES ITEMS 41 TO 45, 48, 49, 50 & 52		
41	12A-224	O RING	1	
42	50A-1620	BOLT	1	
43	12035	WIPER RING	1	
44	12036	PISTON SEAL	2	
45	12037	ROD SEAL	1	
46	17608	CYLINDER NUT	1	
47	42151	PISTON	1	
48	43074	WEAR RING	1	
49	44244	O RING	1	
50	44266	BACK-UP RING	1	
51	45734	GLAND	1	
52	45890	BUFFER RING	1	
53	46330	CYLINDER BARREL	1	
54	46331	PISTON ROD	1	
55	48342	BUSHING	1	



ISSUE No.
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WINDROW ELIMINATOR INSTALLATION

DECEMBER 1984

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NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 12 PAGE 29
SECCION PAGINA

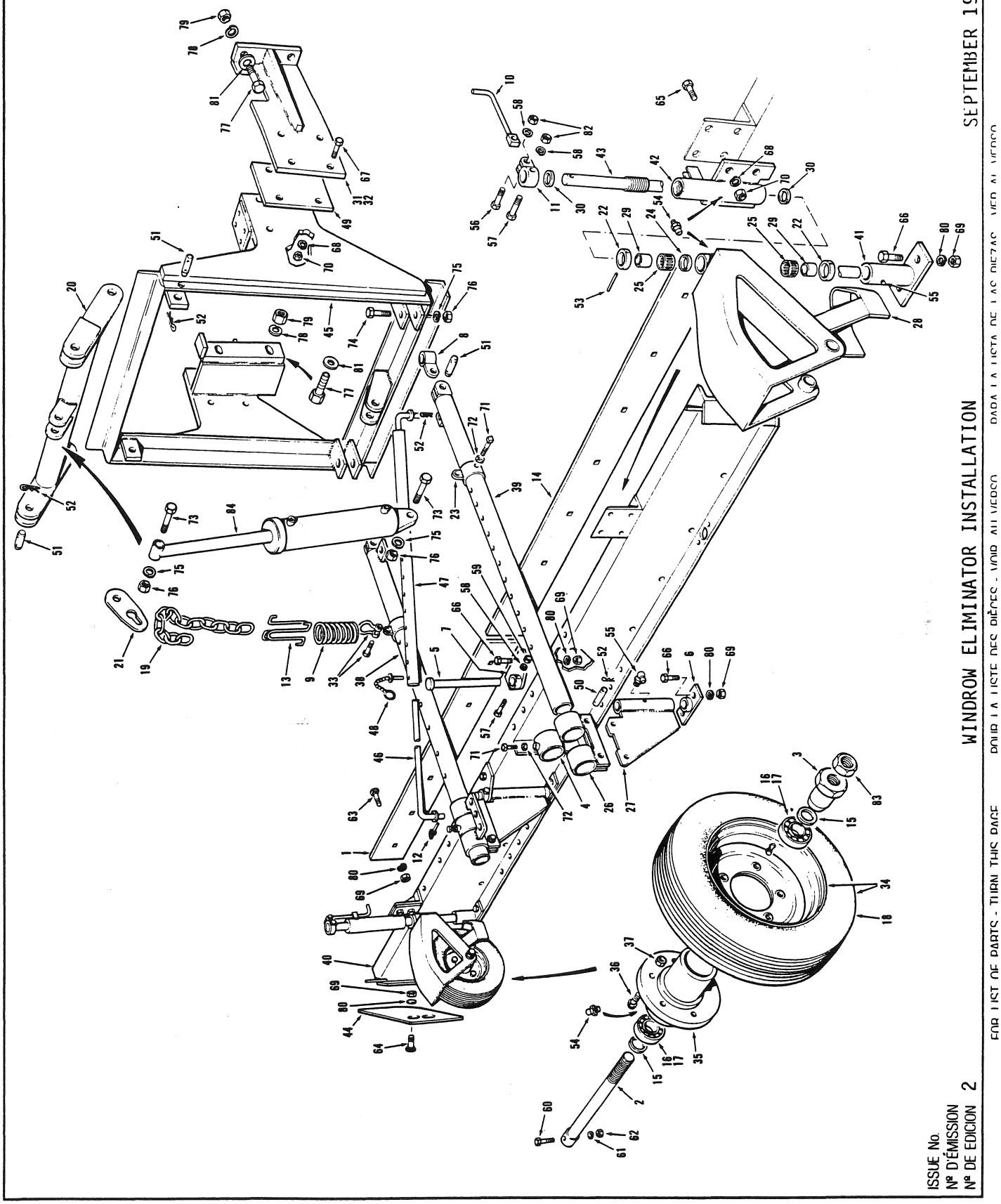
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WINDROW ELIMINATOR INSTALLATION

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	4779	AXLE	2	
2	4780	SLEEVE	2	
3	5064	MOLDBOARD ASSY.	1	
4	5067	END SHOE	1	
5	5070	COLLAR	2	
6	5072	PIN	2	
7	5073	BRACKET - LOWER	2	
8	5074	BRACKET - UPPER	2	
9	5077-1	ARM - INNER	1	
10	5077-2	ARM - OUTER	1	
11	5077-4	PIN	1	
12	5079	SWIVEL	2	
13	5080	CHAIN	2	
14	5081	SPRING	2	
15	5154	HANDLE	2	
16	5155	COLLAR	2	
17	5156	GUIDE	2	
18	5369	PIN	2	
19	5763	HOOK BAR	4	
20	8250	SPACER	4	
21	8251	CONE	4	
22	8252	CUP	4	
23	8256	TIRE & TUBE	2	
24	8500	A-FRAME	1	
25	8501	LIFTING ARM	1	
26	8502	PLATE	2	
27	8505	WASHER	4	
28	8613	COLLAR	2	
29	8614LH	PULL TUBE	1	
30	8614RH	PULL TUBE	1	
31	9447	SPACER	2	
32	9448	BEARING	1	
33	9469	BRACKET	1	
34	9470	PLATE	2	
35	9491	SWIVEL HOUSING	4	
36	9606	INNER RACE	2	
37	9895	SPINDLE	2	
38	9896	HOUSING	2	
39	9897	SEAL	4	
40	11279	PIN	2	
41	19256	BRACKET - R.H.	1	
42	19257	BRACKET - L.H.	1	
43	19259	MOUNTING PLATE	2	
44	21590	SHACKLE	2	
45	23727	EDGE - 7 FT.	1	
46	23728	EDGE - 6 FT.	1	
47	25959	RIM & TIRE ASSY. - C/W ITEM 23	2	
48	28024	HUB	2	
49	28026	STUD	10	
50	28027	NUT	10	
51	18A-811	PIN	2	
52	18C-814	PIN	2	
53	18C-815	PIN	2	
54	19A-100	RETAINER RING	8	
55	13A-0824	COTTER PIN	4	
56	13J-0832	ROLL PIN	4	
57	29A-02	GREASE FITTING	8	
58	29B-02	GREASE FITTING	2	
59	50A-0516	BOLT	2	
60	50A-0520	BOLT	4	
61	14A-05	LOCKWASHER	6	
62	31A-05	NUT	6	
63	50A-0608	BOLT	2	
64	51A-0618	BOLT	2	
65	14A-06	LOCKWASHER	4	
66	31A-06	NUT	2	
67	40F-1016	BOLT	A.R.	
68	40G-1014	BOLT	3	
69	51A-1012	BOLT	4	
70	51A-1014	BOLT	12	
71	51A-1020	BOLT	8	
72	14A-10	LOCKWASHER	42	
73	30A-10	NUT	16	
74	31A-10	NUT	24	
75	70K-1248	SET SCREW	4	
76	30D-12	NUT	4	
77	31D-12	NUT	2	
78	50A-1632	BOLT	2	
79	50A-1640	BOLT	2	
80	14A-16	LOCKWASHER	4	
81	14C-16	FLATWASHER	2	
82	30A-16	NUT	4	
83	51A-2028	BOLT	4	
84	14A-20	LOCKWASHER	4	
85	31A-20	NUT	4	
86		HYDRAULIC CYLINDER ASSEMBLY	REF.	SECTION 12 PAGES 31/32

CHAMPION ROAD MACHINERY



WINDROW ELIMINATOR INSTALLATION

SEPTEMBER 1988

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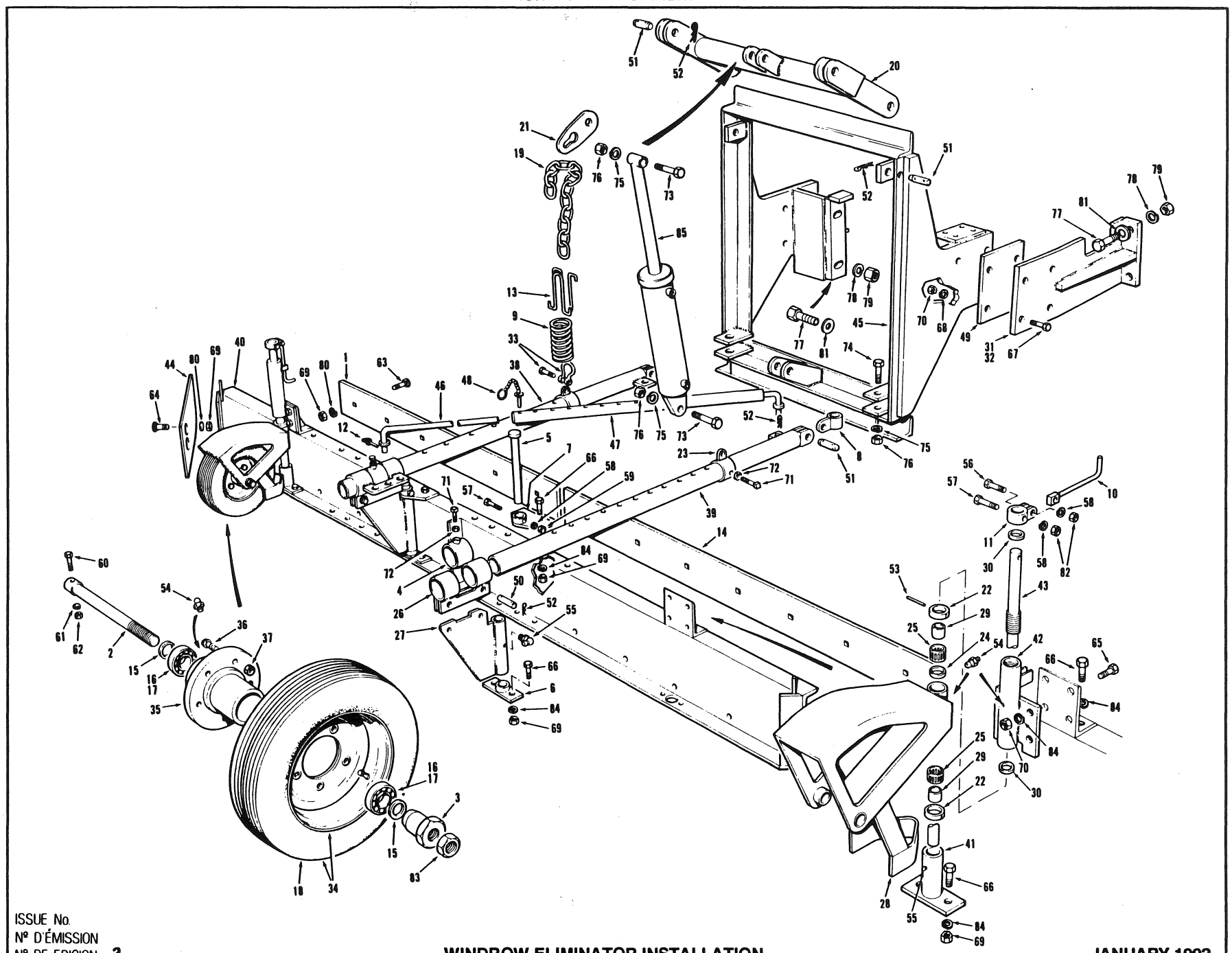
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EFFECTIVE SERIAL NUMBER(S) 18842 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	*42	EDGE - 6 FT.	1	
2	4779	AXLE	2	
3	4780	SLEEVE	2	
4	5070	COLLAR	2	
5	5072	PIN	2	
6	5073	BRACKET - LOWER	2	
7	5074	BRACKET - UPPER	2	
8	5079	SWIVEL	2	
9	5081	SPRING	2	
10	5154	HANDLE	2	
11	5155	COLLAR	2	
12	5369	PIN	2	
13	5763	HOOK BAR	4	
14	*7686	EDGE - 7 FT.	1	
15	8250	SPACER	4	
16	8251	CONE	4	
17	8252	CUP	4	
18	8256	TIRE & TUBE	2	
19	*8457 X 28	CHAIN	2	
20	8501	LIFTING ARM	1	
21	8502	PLATE	2	
22	8505	WASHER	4	
23	8613	COLLAR	2	
24	9447	SPACER	4	
25	9448	BEARING	4	
26	9469	BRACKET	2	
27	9470	PLATE	2	
28	9491	SWIVEL HOUSING	2	
29	9606	INNER RACE	4	
30	9897	SEAL	4	
31	19256	BRACKET - R.H.	1	
32	19257	BRACKET - L.H.	1	
33	21590	SHACKLE	2	
34	25959	RIM & TIRE ASSY. - C/W ITEM 18	2	
35	28024	HUB	2	
36	28026	STUD	10	
37	28027	NUT	10	
38	*41507	PULL TUBE - L.H.	1	
39	*41508	PULL TUBE - R.H.	1	
40	*45812	MOLDBOARD ASSY.	1	
41	*45866	GUIDE	2	
42	*45895	HOUSING	2	
43	*45950	SPINDLE	2	
44	*45951	END SHOE	2	
45	*46272	A-FRAME	1	
46	*46280	ARM - INNER	1	
47	*46281	ARM - OUTER	1	
48	*46282	PIN	1	
49	*46745	SHIM	4	
50	*18C-0812	PIN	4	
51	*18C-0815	PIN	6	
52	*13L-03	HITCH PIN	20	
53	*13C-0832	ROLL PIN	4	
54	29A-02	GREASE FITTING	8	
55	29B-02	GREASE FITTING	8	
56	50A-0516	BOLT	2	
57	50A-0520	BOLT	4	
58	14A-05	LOCKWASHER	6	
59	31A-05	NUT	4	
60	51A-0618	BOLT	2	
61	14A-06	LOCKWASHER	4	
62	31A-06	NUT	2	
63	40F-1016	BOLT	A.R.	
64	*40G-1016	BOLT	4	
65	51A-1012	BOLT	6	
66	*50A-1014	BOLT	16	
67	*50A-1224	BOLT	8	
68	*14A-12	LOCKWASHER	16	
69	30A-10	NUT	35	
70	*30A-12	NUT	16	
71	70K-1248	SET SCREW	4	
72	30D-12	NUT	4	
73	*50A-1636	BOLT	2	
74	*50A-1644	BOLT	2	
75	14A-16	LOCKWASHER	4	
76	30A-16	NUT	4	
77	*50A-2028	BOLT	8	
78	14A-20	LOCKWASHER	8	
79	*30A-20	NUT	8	
80	*14A-10	LOCKWASHER	35	
81	*14C-20	WASHER	8	
82	*30A-05	NUT	4	
83	*37K-12	NUT	2	
84		HYDRAULIC CYLINDER ASSEMBLY	REF.	SECTION 12 PAGES 31/32

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

21754 & UP
EXCLUDING 21789, 21797, 21801, 21809, 21813 & 21818



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WINDROW ELIMINATOR INSTALLATION

JANUARY 1992

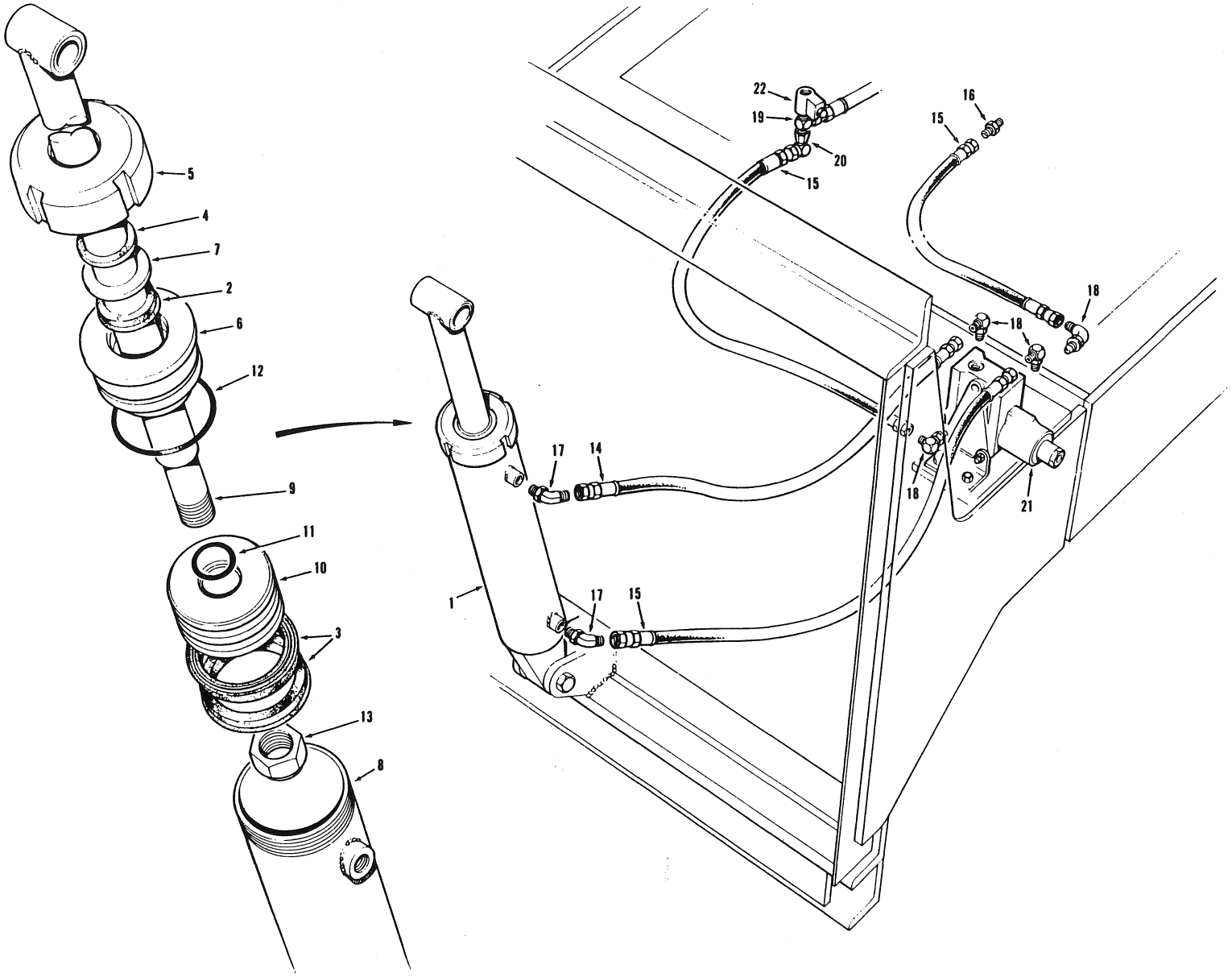
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WINDROW ELIMINATOR INSTALLATION

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	42	EDGE - 6 FT.	1	
2	4779	AXLE	2	
3	4780	SLEEVE	2	
4	5070	COLLAR	2	
5	5072	PIN	2	
6	5073	BRACKET - LOWER	2	
7	5074	BRACKET - UPPER	2	
8	5079	SWIVEL	2	
9	5081	SPRING	2	
10	5154	HANDLE	2	
11	5155	COLLAR	2	
12	5369	PIN	2	
13	5763	HOOK BAR	4	
14	7686	EDGE - 7 FT.	1	
15	8250	SPACER	4	
16	8251	CONE	4	
17	8252	CUP	4	
18	8256	TIRE & TUBE	2	
19	8457 x 28	CHAIN	2	
20	8501	LIFTING ARM	1	
21	8502	PLATE	2	
22	8505	WASHER	4	
23	8613	COLLAR	2	
24	9447	SPACER	4	
25	9448	BEARING	4	
26	9469	BRACKET	2	
27	9470	PLATE	2	
28	9491	SWIVEL HOUSING	2	
29	9606	INNER RACE	4	
30	9897	SEAL	4	
31	19256	BRACKET - R.H.	1	
32	19257	BRACKET - L.H.	1	
33	*22129	SHACKLE	2	
34	25959	RIM & TIRE ASSY. - C/W ITEM 18	2	
35	28024	HUB	2	
36	28026	STUD	10	
37	28027	NUT	10	
38	41507	PULL TUBE - L.H.	1	
39	41508	PULL TUBE - R.H.	1	
40	45812	MOLDBOARD ASSY.	1	
41	*38657	GUIDE	2	
42	*38651	HOUSING	2	
43	*61660	SPINDLE	2	
44	45951	END SHOE	2	
45	46272	A-FRAME	1	
46	46280	ARM - INNER	1	
47	46281	ARM - OUTER	1	
48	46282	PIN	1	
49	46745	SHIM	4	
50	18C-0812	PIN	4	
51	18C-0815	PIN	6	
52	13L-03	HITCH PIN	20	
53	13C-0832	ROLL PIN	4	
54	29A-02	GREASE FITTING	8	
55	29B-02	GREASE FITTING	8	
56	50A-0516	BOLT	2	
57	50A-0520	BOLT	4	
58	14A-05	LOCKWASHER	6	
59	*30A-05	NUT	4	
60	51A-0618	BOLT	2	
61	14A-06	LOCKWASHER	4	
62	31A-06	NUT	2	
63	40F-1016	BOLT	A.R.	
64	40G-1016	BOLT	4	
65	51A-1012	BOLT	6	
66	50A-1014	BOLT	16	
67	50A-1224	BOLT	8	
68	14A-12	LOCKWASHER	16	
69	30A-10	NUT	35	
70	30A-12	NUT	16	
71	70K-1248	SET SCREW	4	
72	30D-12	NUT	4	
73	50A-1636	BOLT	2	
74	50A-1644	BOLT	2	
75	14A-16	LOCKWASHER	4	
76	30A-16	NUT	4	
77	50A-2028	BOLT	8	
78	14A-20	LOCKWASHER	8	
79	30A-20	NUT	8	
80	14A-10	LOCKWASHER	35	
81	14C-20	WASHER	8	
82	30A-05	NUT	4	
83	37K-12	NUT	2	
84	*66001	LOCKWASHER	20	
85		HYDRAULIC CYLINDER ASSEMBLY	Ref.	Sect 12 Pg 32



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1

WINDROW ELIMINATOR CYLINDER & CIRCUIT

DECEMBER 1984

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 12 PAGE 31
SECCION 12 PAGINA 31

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

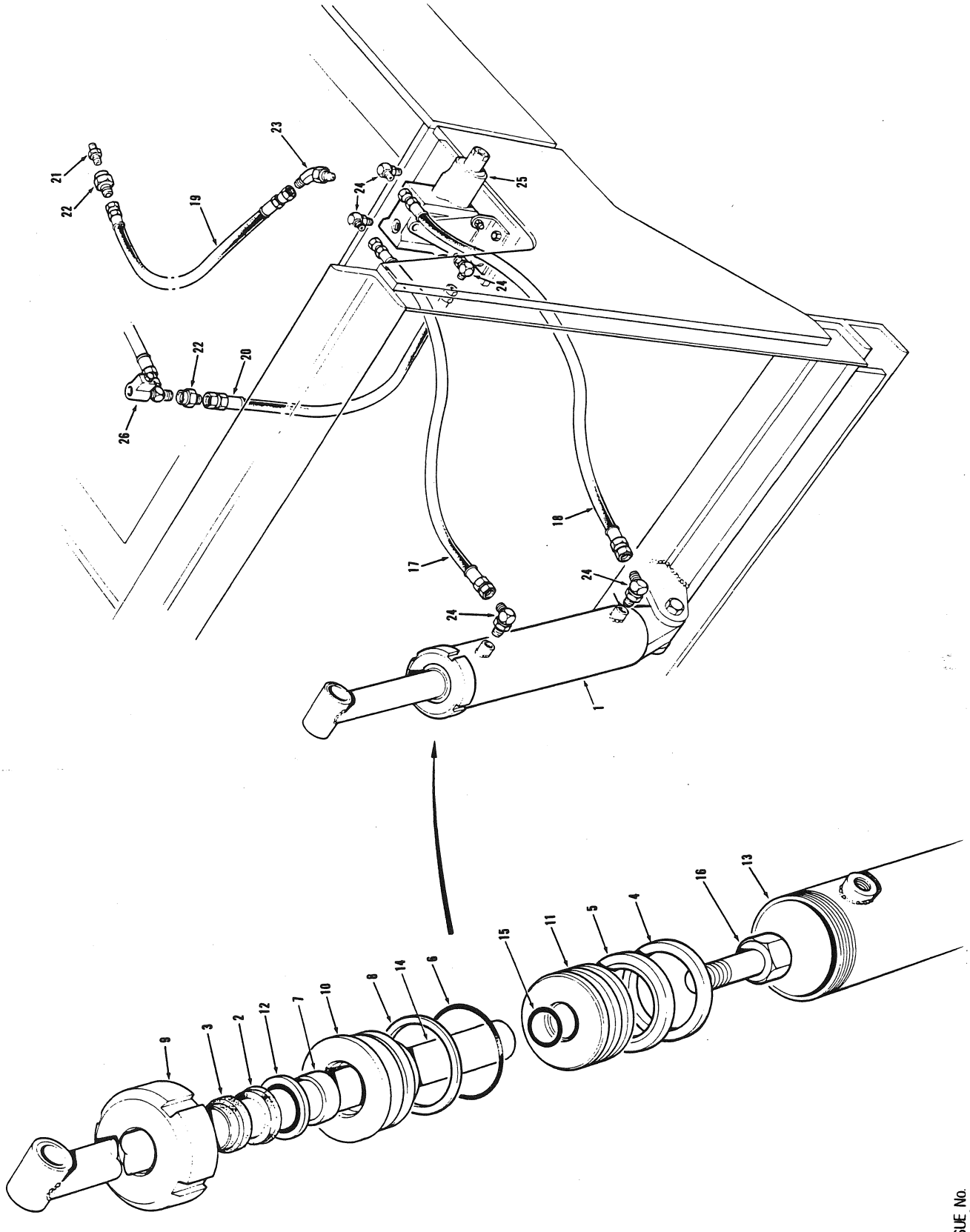
WINDROW ELIMINATOR CYLINDER & CIRCUIT

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	19246	WINDROW ELIMINATOR CYLINDER ASSY. - INCLUDES ITEMS 2 TO 13	1	
2	12164	ROD SEAL	1	
3	12165	PISTON SEAL	2	
4	12166	WIPER	1	
5	17605	CYLINDER NUT	1	
6	17607	GLAND	1	
7	17613	WASHER	1	
8	19247	CYLINDER BARREL	1	
9	19248	PISTON ROD	1	
10	32425	PISTON	1	
11	12A-214	O RING	1	
12	12A-334	O RING	1	
13	37H-16	NUT	1	
	26408	REPAIR KIT FOR 19246 CYLINDER ASSY. - INCLUDES ITEMS 2, 3, 4, 7 & 11 TO 13	A.R.	
		HYDRAULIC CIRCUIT		
14	9313 X 22	HOSE	1	
15	9313 X 36	HOSE	3	
16	110L-08	CONNECTOR	1	
17	111A-0808	CONNECTOR	2	
18	111B-0808	CONNECTOR	4	
19	111D-0810	TEE	1	
20	112B-08	CONNECTOR	1	
21		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGE 37
22		RELIEF VALVE ASSEMBLY	REF.	SECTION 4

CHAMPION ROAD MACHINERY

JULY 1988

WINDROW ELIMINATOR CYLINDER & CIRCUIT



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2

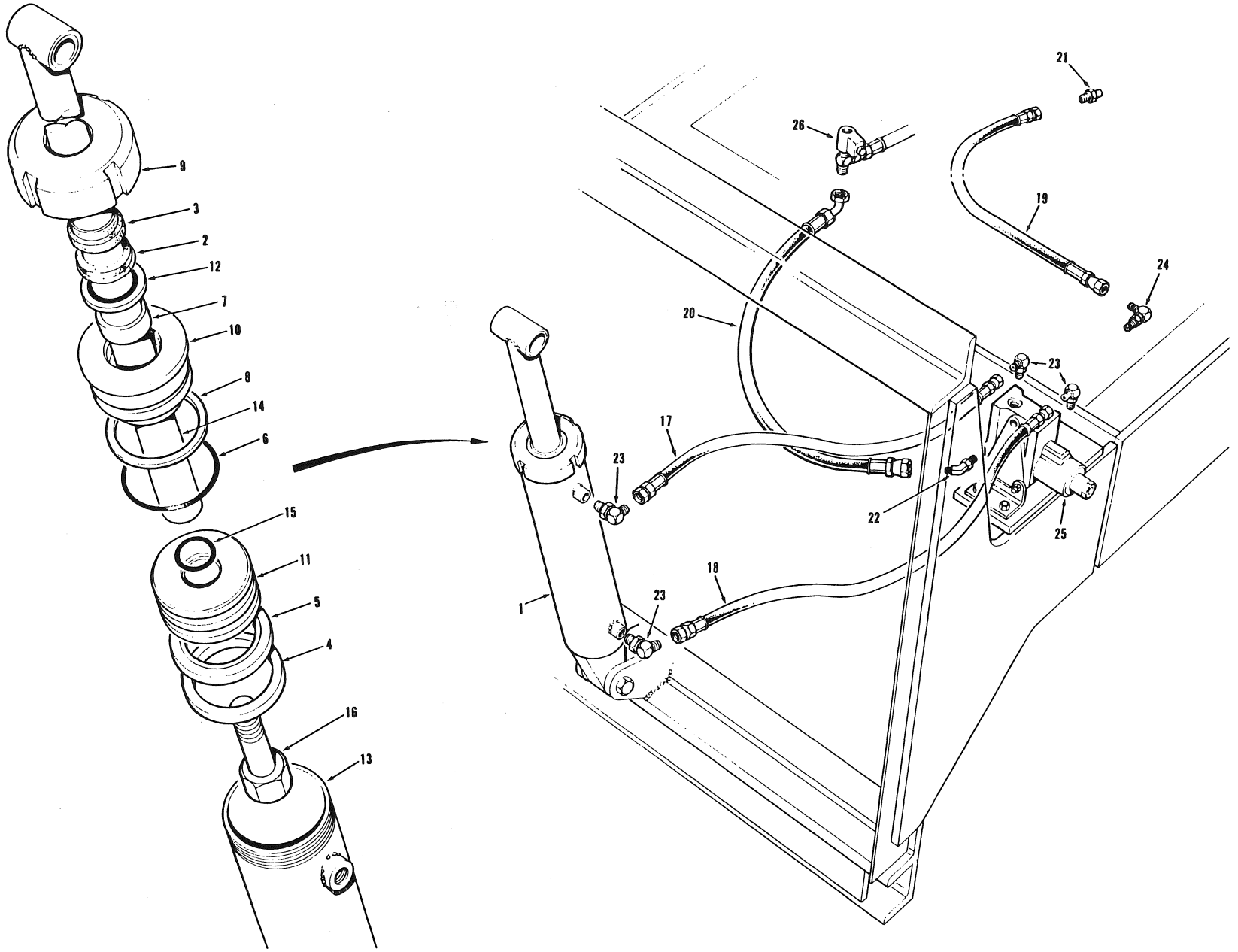
EFFECTIVE SERIAL NUMBER(S) 18842 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

WINDROW ELIMINATOR CYLINDER & CIRCUIT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	*46055	WINDROW ELIMINATOR CYLINDER ASSY. - INCLUDES ITEMS 2 TO 16	1	
2	12164	ROD SEAL	1	
3	12166	WIPER	1	
4	*30344	WEAR RING	1	
5	*43336	PISTON RING	1	
6	*44243	O RING	1	
7	*49394	WEAR RING	1	
8	*44343	BACK-UP RING	1	
9	*45609	CYLINDER NUT	1	
10	*49393	GLAND	1	
11	*45736	PISTON	1	
12	*45889	BUFFER RING	1	
13	*46056	CYLINDER BARREL	1	
14	*46082	PISTON ROD	1	
15	*12A-216	O RING	1	
16	*50A-1220	BOLT	1	
	*48615	REPAIR KIT FOR 46055 CYLINDER ASSY. - INCLUDES ITEMS 2 TO 8, 12, 15 & 16	A.R.	
		HYDRAULIC CIRCUIT		
17	*9313 X 28	HOSE	1	
18	9313 X 36	HOSE	1	
19	*9313 X 42	HOSE	1	
20	*14382 X 52	HOSE	1	
21	*110L-12	CONNECTOR	1	
22	*110AH-0812	REDUCER	2	
23	111A-0808	CONNECTOR	1	
24	111B-0808	CONNECTOR	5	
25		SOLENOID VALVE ASSEMBLY	REF.	SECTION 4 PAGE 37
26		RELIEF VALVE ASSEMBLY	REF.	SECTION 4 PAGE 17 & PAGE 37

No. / Nº / Nº	PART No. / N° DE PIECE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS



EFFECTIVE SERIAL NUMBER(S) 19982, 19984, 19985, 19996,
NUMERO(S) DE SÉRIE EFFECTIF(S) 20005, 20104, 20105,
NUMERO(S) DE SERIE EFECTIVO(S) 20107 & UP

700 SERIES
SERIE 700

SECTION 12 PAGE 31
SECCION 12 PAGINA 31

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

WINDROW ELIMINATOR CYLINDER & CIRCUIT

APRIL 1990

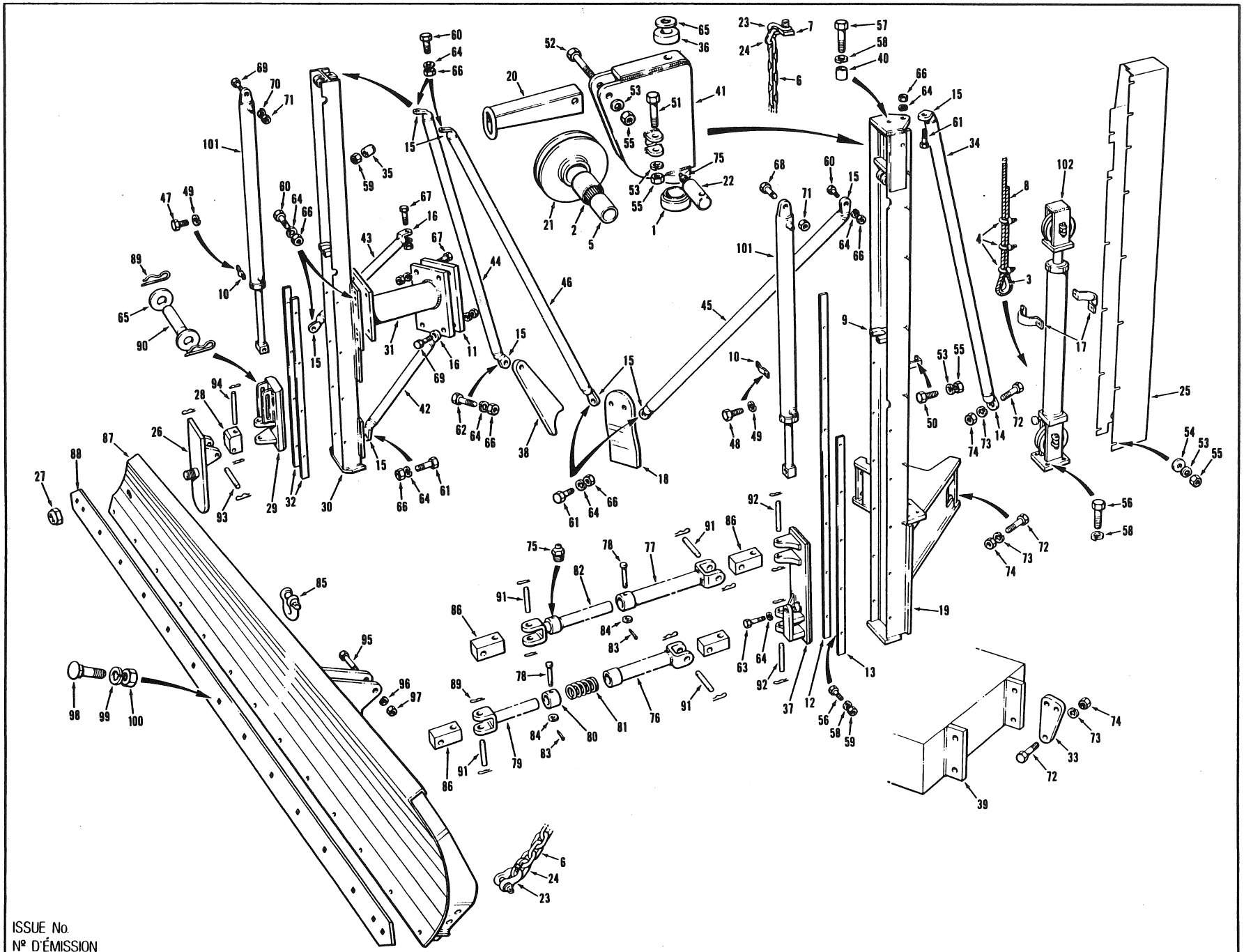
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

WINDROW ELIMINATOR CYLINDER & CIRCUIT

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	46055	WINDROW ELIMINATOR CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 16	1	
	48615	REPAIR KIT FOR 46055 CYLINDER ASSEMBLY - INCLUDES ITEMS 2 TO 8, 12, 15 & 16	A.R.	
2	12164	ROD SEAL	1	
3	12166	WIPER	1	
4	30344	WEAR RING	1	
5	43336	PISTON RING	1	
6	44243	O RING	1	
7	49394	WEAR RING	1	
8	44343	BACK-UP RING	1	
9	45609	CYLINDER NUT	1	
10	49393	GLAND	1	
11	45736	PISTON	1	
12	45889	BUFFER RING	1	
13	46056	CYLINDER BARREL	1	
14	46082	PISTON ROD	1	
15	12A-216	O RING	1	
16	50A-1220	BOLT	1	
		HYDRAULIC CIRCUIT		
17	9313 x 28	HOSE	1	
18	9313 x 36	HOSE	1	
19	*28485 x 55	HOSE	1	
20	*28696 x 64	HOSE	1	
21	110L-12	CONNECTOR	1	
22	*111A-1210	CONNECTOR	1	
23	111B-0808	CONNECTOR	4	
24	*111B-1210	CONNECTOR	1	
25		SOLENOID VALVE ASSEMBLY	REF.	SECT. 4 PG. 37
26		RELIEF VALVE ASSEMBLY	REF.	SECT. 4 PGS. 17 & 37



LEFT HAND REAR MOUNT WING INSTALLATION

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1

JULY 1986

FOR LIST OF PARTS - TURN THIS PAGE
POUR LA LISTE DES PIÈCES - VOIR AU VERSO
PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 17059 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
U.S. 2021-2 & UP

700 SERIES
SERIE 700

SECTION 12 PAGE 33
SECCION 12 PAGINA 33

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

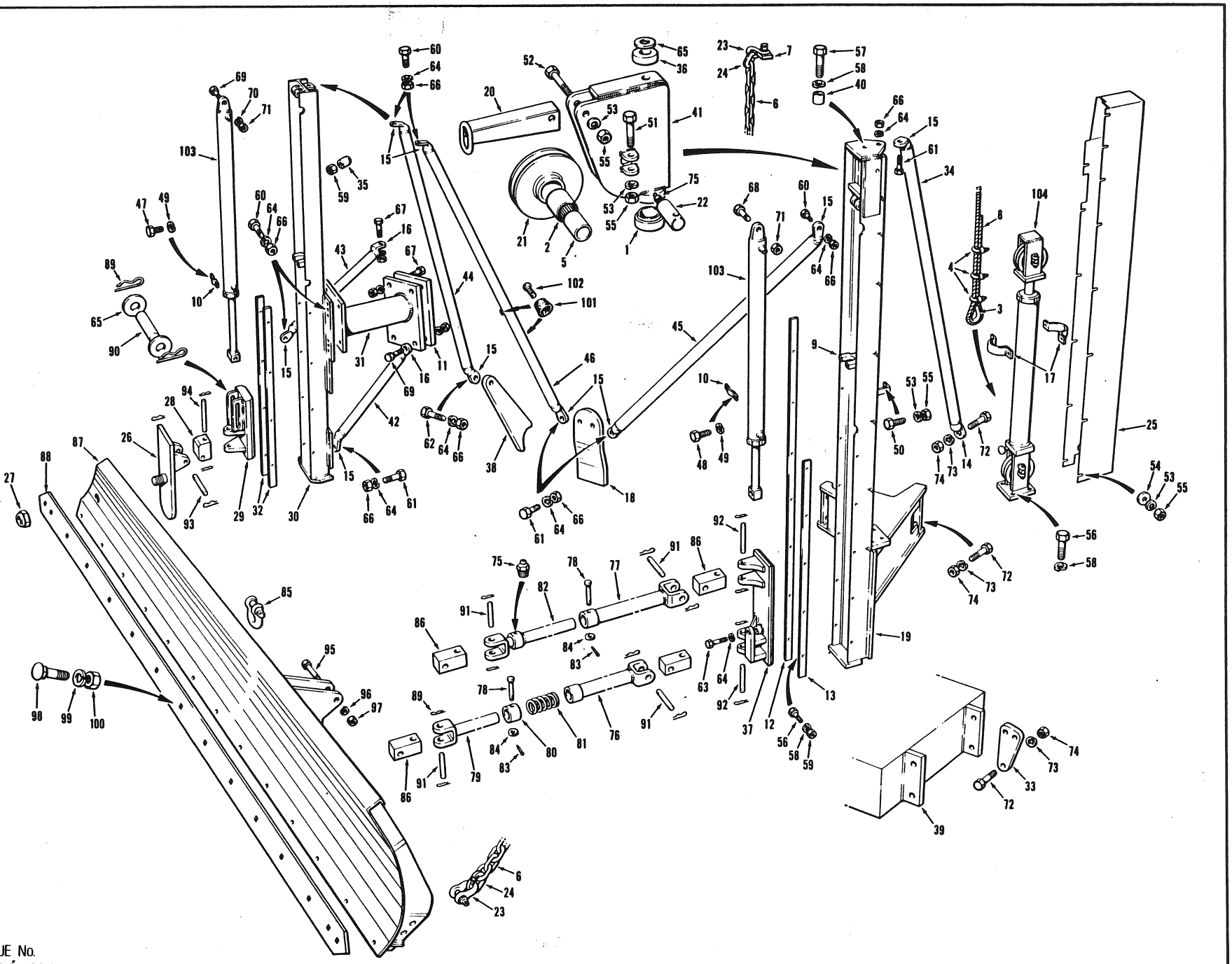
LEFT HAND REAR MOUNT WING INSTALLATION

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	731	BEARING	1	
2	1488B	BEARING	1	
3	4051	THIMBLE	2	
4	4052	CLAMP	6	
5	9291	INNER RACE	1	
6	8457x40	CHAIN	1	
7	11530	LUG	2	REPAIR PART
8	11957x612	CABLE	1	
9	18450-38	CYLINDER SUPPORT	2	REPAIR PART
10	18450-39	END CAP	2	
11	18473-22	MOUNTING PLATE	1	REPAIR PART
12	18474	GUIDE - LONG	1	
13	18475	GUIDE - SHORT	1	
14	18593	ADAPTER - 1 5/16" HOLE	1	
15	18594	ADAPTER - 13/16" HOLE	9	REPAIR PART
16	18858	ADAPTER - 1 1/16" HOLE	2	
17	18741	CLAMP	2	
18	19296	BRACE MOUNT	1	REPAIR PART
19	19370	REAR MAST	1	
20	21267	CABLE GUIDE	1	
21	21291	SHEAVE - INCLUDES ITEMS 2 & 5	1	
22	21494	PIN	1	
23	22129	ANCHOR SHACKLE	2	
24	22130	SPLIT LINK	2	
25	23675	ICE SHIELD	1	
26	23676	WING CARRIER	1	
27	23677	NUT	1	
28	23678	SWIVEL BLOCK	1	
29	23679	SLIDE - FRONT MAST	1	
30	23680	FRONT MAST	1	
31	23684	MOUNTING BRACKET	1	
32	23686	GUIDE	2	
33	23697	PLATE	1	
34	24721	BRACE - INCLUDES ITEMS 14 & 15	1	
35	26019	BUMPER PAD	1	
36	26873	SHIM	1or2	
37	27648	SLIDE - REAR MAST	1	
38	28965	BRACE MOUNT - (REPAIR PART)	1	710A, 720A, 730A & 740A
39	42224	ATTACHMENT LUG	2	REPAIR PART
40	43562	BUSHING	1	
41	43563	SWIVEL HOUSING	1	
42	44126	BRACE - INCLUDES ITEMS 15 & 16	1	
43	44127	BRACE - INCLUDES ITEMS 15 & 16	1	
44	44144	BRACE - INCLUDES ITEM 15	1	710A, 720A, 730A & 740A
45	44145	BRACE - INCLUDES ITEM 15	1	
46	44146	BRACE - INCLUDES ITEM 15	1	710, 720, 730, 740 & 760
47	50A-0506	BOLT	2	
48	50A-0508	BOLT	2	
49	14A-05	LOCKWASHER	4	
50	50A-0612	BOLT	2	
51	50A-0614	BOLT	1	
52	50A-0620	BOLT	1	
53	14A-06	LOCKWASHER	17	
54	14C-06	FLATWASHER	17	
55	30A-06	NUT	4	
56	50A-0814	BOLT	24	
57	51A-0816	BOLT	1	
58	14A-08	LOCKWASHER	25	
59	30A-08	NUT	21	
60	50A-1220	BOLT	8	
61	50A-1224	BOLT	2or3	
62	50A-1228	BOLT	1	710A, 720A, 730A & 740A
63	50A-1232	BOLT	1	
64	14A-12	LOCKWASHER	12	
65	14C-12	FLATWASHER	3	
66	30A-12	NUT	11	
67	50A-1628	BOLT	4	
68	50A-1632	BOLT	1	
69	50A-1636	BOLT	2	
70	14A-16	LOCKWASHER	6	
71	30A-16	NUT	7	
72	50A-2036	BOLT	7	
73	14A-20	LOCKWASHER	7	
74	30A-20	NUT	7	
75	29A-02	GREASE FITTING	2	
		STAND OFF ARM INSTALLATIONS		
76	21198	OUTER SLEEVE - LOWER ARM	1	
77	21501	OUTER SLEEVE - UPPER ARM	1	
78	21503	SHEAR PIN	2	
79	21505	INNER SLEEVE - LOWER ARM	1	
80	21507	COLLAR	1	
81	22145	SPRING	1	
82	22155	INNER SLEEVE - UPPER ARM	1	
83	13A-0416	COTTER PIN	2	
84	14C-10	FLATWASHER	2	
		WING INSTALLATION		
85	21590	SHACKLE - USED FOR MOUNTING WING	1	
86	21595	KNUCKLE	4	
87	23674	WING - DRILLED FOR STANDARD EDGES	1	
88	23733	EDGE - 1/2" THICK	1	
89	13L-03	HITCH PIN	18	
90	18C-0617	PIN	1	
91	18C-0820	PIN	4	
92	18C-0824	PIN	2	
93	18C-0826	PIN	1	
94	18C-0832	PIN	1	
95	51A-1644	BOLT	2	
96	14A-16	LOCKWASHER	2	
97	31A-16	NUT	2	
98	40F-1016	BOLT	15	
99	14A-10	LOCKWASHER	15	
100	30A-10	NUT	15	
101		SLIDE CYLINDER ASSEMBLY	REF.	SECTION 12 PAGE 36
102		LIFT CYLINDER ASSEMBLY - REAR MAST	REF.	SECTION 12 PAGE 36

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S) 20719 & UP
NUMERO(S) DE SERIE EFECTIVO(S) EXCLUDING 20731

700 SERIES
SERIE 700

SECTION 12 PAGE 33
SECCION 12 PAGINA 33



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2

LEFT-HAND REAR MOUNT WING INSTALLATION

JUNE 1991

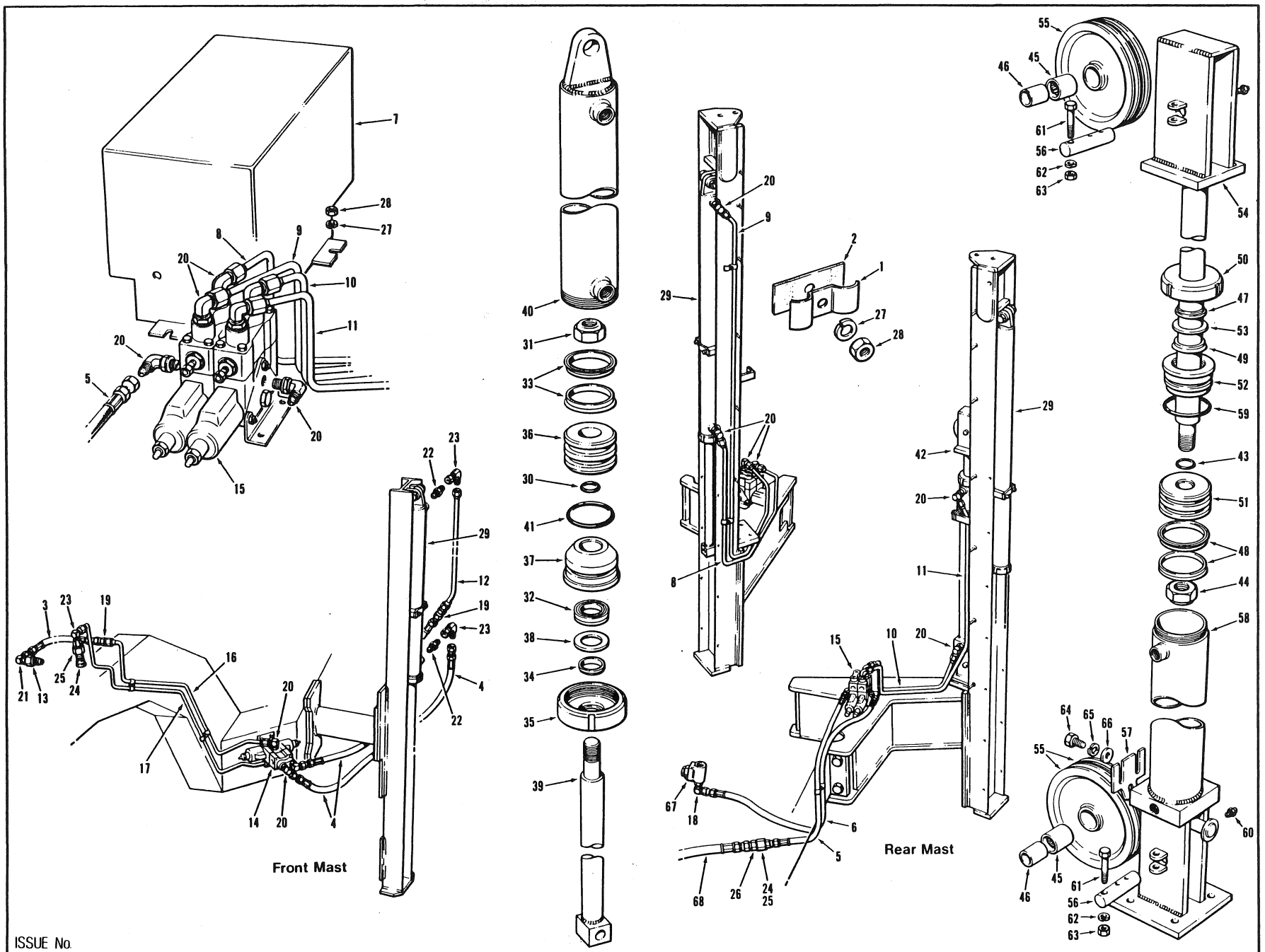
FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

LEFT-HAND REAR MOUNT WING INSTALLATION

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	731	BEARING	1	
2	1488B	BEARING	1	
3	4051	THIMBLE	2	
4	4052	CLAMP	6	
5	9291	INNER RACE	1	
6	8457 x 40	CHAIN	1	
7	11530	LUG	2	Repair Part
8	11957 x 612	CABLE	1	
9	18450-38	CYLINDER SUPPORT	2	Repair Part
10	18450-39	END CAP	2	
11	18473-22	MOUNTING PLATE	1	Repair Part
12	18474	GUIDE - LONG	1	
13	18475	GUIDE - SHORT	1	
14	18593	ADAPTER - 1 5/16" HOLE	1	
15	18594	ADAPTER - 13/16" HOLE	9	Repair Part
16	18858	ADAPTER - 1 1/16" HOLE	2	
17	18741	CLAMP	2	
18	19296	BRACE MOUNT	1	Repair Part
19	19370	REAR MAST	1	
20	21267	CABLE GUIDE	1	
21	21291	SHEAVE - INCLUDES ITEMS 2 & 5	1	
22	21494	PIN	1	
23	22129	ANCHOR SHACKLE	2	
24	22130	SPLIT LINK	2	
25	23675	ICE SHIELD	1	
26	23676	WING CARRIER	1	
27	23677	NUT	1	
28	23678	SWIVEL BLOCK	1	
29	23679	SLIDE - FRONT MAST	1	
30	23680	FRONT MAST	1	
31	23684	MOUNTING BRACKET	1	
32	23686	GUIDE	2	
33	23697	PLATE	1	
34	*18455	BRACE - INCLUDES ITEMS 14 & 15	1	
35	26019	BUMPER PAD	1	
36	26873	SHIM	1 or 2	
37	*58807	SLIDE - REAR MAST	1	
38	28965	BRACE MOUNT - (REPAIR PART)	1	710A thru 750A
39	42224	ATTACHMENT LUG	2	Repair Part
40	43562	BUSHING	1	
41	43563	SWIVEL HOUSING	1	
42	44126	BRACE - INCLUDES ITEMS 15 & 16	1	
43	44127	BRACE - INCLUDES ITEMS 15 & 16	1	
44	44144	BRACE - INCLUDES ITEM 15	1	710A thru 750A
45	*57021	BRACE - INCLUDES ITEM 15	1	
46	44146	BRACE - INCLUDES ITEM 15	1	710 thru 750
47	50A-0506	BOLT	2	
48	50A-0508	BOLT	2	
49	14A-05	LOCKWASHER	4	
50	50A-0612	BOLT	2	
51	50A-0614	BOLT	1	
52	50A-0620	BOLT	1	
53	14A-06	LOCKWASHER	17	
54	14C-06	FLATWASHER	17	
55	30A-06	NUT	4	
56	50A-0814	BOLT	24	
57	51A-0816	BOLT	1	
58	14A-08	LOCKWASHER	25	
59	30A-08	NUT	21	
60	50A-1220	BOLT	8	
61	50A-1224	BOLT	2 or 3	
62	50A-1228	BOLT	1	710A thru 750A
63	50A-1232	BOLT	1	
64	14A-12	LOCKWASHER	12	
65	14C-12	FLATWASHER	3	
66	30A-12	NUT	11	
67	50A-1628	BOLT	4	
68	50A-1632	BOLT	1	
69	50A-1636	BOLT	2	
70	14A-16	LOCKWASHER	6	
71	30A-16	NUT	7	
72	50A-2036	BOLT	7	
73	14A-20	LOCKWASHER	7	
74	30A-20	NUT	7	
75	29A-02	GREASE FITTING	2	
		STAND-OFF-ARM INSTALLATION		
76	21198	OUTER SLEEVE - LOWER ARM	1	
77	21501	OUTER SLEEVE - UPPER ARM	1	
78	21503	SHEAR PIN	2	
79	21505	INNER SLEEVE - LOWER ARM	1	
80	21507	COLLAR	1	
81	22145	SPRING	1	
82	22155	INNER SLEEVE - UPPER ARM	1	
83	13A-0416	COTTER PIN	2	
84	14C-10	FLATWASHER	2	
		WING INSTALLATION		
85	21590	SHACKLE - USED FOR MOUNTING WING	1	
86	21595	KNUCKLE	4	
87	23674	WING - DRILLED FOR STANDARD EDGES	1	
88	23733	EDGE - 1/2" THICK	1	
89	13L-03	HITCH PIN	18	
90	18C-0617	PIN	1	
91	18C-0820	PIN	4	
92	18C-0824	PIN	2	
93	18C-0826	PIN	1	
94	18C-0832	PIN	1	
95	51A-1644	BOLT	2	
96	14A-16	LOCKWASHER	2	
97	31A-16	NUT	2	
98	40F-1016	BOLT	15	
99	14A-10	LOCKWASHER	15	
100	30A-10	NUT	15	
101	*57026	BUMPER	2	
102	*52L-1004Zi	SCREW	2	
103		SLIDE CYLINDER ASSEMBLY	Ref.	Sect. 12 Pg. 35
104		LIFT CYLINDER ASSEMBLY - REAR MAST	Ref.	Sect. 12 Pg. 35



EFFECTIVE SERIAL NUMBER(S) 16224,16245 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)
2021-2 & UP

700 SERIES
SERIE 700

SECTION 12 PAGE 35
SECCION 12 PAGINA 35

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1

LEFT HAND REAR MOUNT WING HYDRAULIC CIRCUIT & CYLINDERS

SEPTEMBER 1986

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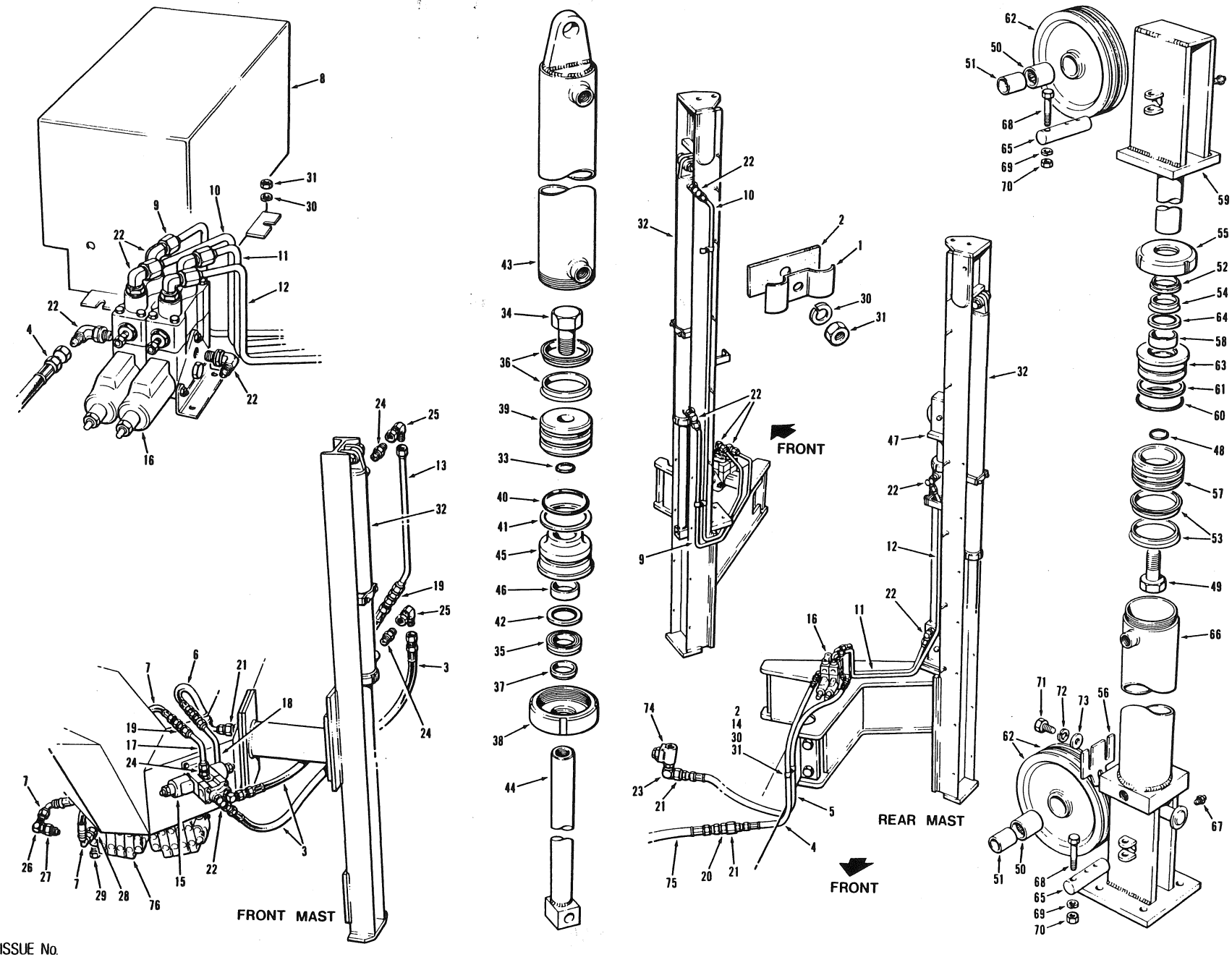
SECTION / SECCION 12 | PAGE / PAGINA 36 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 1

LEFT HAND REAR MOUNT WING HYDRAULIC CIRCUIT & CYLINDERS

SEPTEMBER 1986

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	1008	TUBE CLAMP	5	
2	9298	RUBBER PAD	5	
3	9313X28	HOSE	1	
4	9313X48	HOSE	2	
5	9313X53.5	HOSE	1	
6	9313X72	HOSE	1	
7	23685	SHIELD	1	
8	23688	TUBE	1	
9	23689	TUBE	1	
10	23690	TUBE	1	
11	23691	TUBE	1	
12	23696	TUBE	1	
13	26476	POWER BEYOND SLEEVE	1	
14	32619	SOLENOID VALVE	1	
15	32620	SOLENOID VALVE	1	
16	*44163	TUBE	1	
17	*44164	TUBE	1	
18	110R-0808	CONNECTOR	1	
19	110L-08	CONNECTOR	2	
20	111B-0808	CONNECTOR	14	
21	111B-0810	CONNECTOR	1	
22	111E-0808	CONNECTOR	2	
23	112B-08	CONNECTOR	3	
24	110A-1208	CONNECTOR	2	
25	110B-12	CONNECTOR	2	
26	110L-12	CONNECTOR	1	
27	14A-06	LOCKWASHER	8	
28	30A-06	NUT	8	
29	18453	CYLINDER ASSY. - INCLUDES ITEMS 30 TO 41	2	
30	12A-214	O RING	1	
31	37H-16	NUT	1	
32	12164	ROD SEAL	1	
33	12165	PISTON SEAL	2	
34	12166	WIPER	1	
35	17605	CYLINDER NUT	1	
36	17606	PISTON	1	
37	17607	GLAND	1	
38	17613	WASHER	1	
39	18467	PISTON ROD	1	
40	18468	CYLINDER BARREL	1	
41	*44243	O RING	1	
	26408	REPAIR KIT FOR 18453 CYLINDER ASSY. - INCLUDES ITEMS 30 TO 34, 38 & 41	A.R.	
42	23698	LIFT CYLINDER ASSY. - INCLUDES ITEMS 43 TO 66	1	
43	12A-218	O RING	1	
44	37H-20	NUT	1	
45	1488B	BEARING	4	
46	9573	INNER RACE	4	
47	12035	WIPER RING	1	
48	12036	PISTON SEAL	2	
49	12037	ROD SEAL	1	
50	17608	CYLINDER NUT	1	
51	17609	PISTON	1	
52	17610	GLAND	1	
53	17614	WASHER	1	
54	18466	PISTON ROD	1	
55	20316	SHEAVE - INCLUDES ITEMS 45 & 46	4	
56	21495	PIN	2	
57	22084	ICE SCRAPER	1	
58	23699	CYLINDER BARREL	1	
59	*44244	O RING	1	
	26409	REPAIR KIT FOR 23698 CLINDER ASSY. - INCLUDES ITEMS 43, 44, 47 TO 49, 53 & 59	A.R.	
60	29A-02	GREASE FITTING	2	
61	50A-0618	BOLT	2	
62	14A-06	LOCKWASHER	2	
63	30A-06	NUT	2	
64	50A-0808	BOLT	2	
65	14A-08	LOCKWASHER	2	
66	14C-08	FLATWASHER	2	
67		RELIEF VALVE - PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4
68		HOSE - PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4

EFFECTIVE SERIAL NUMBER(S) 18701 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2

LEFT - HAND REAR MOUNT WING HYDRAULIC CIRCUIT & CYLINDERS

SEPTEMBER 1988

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

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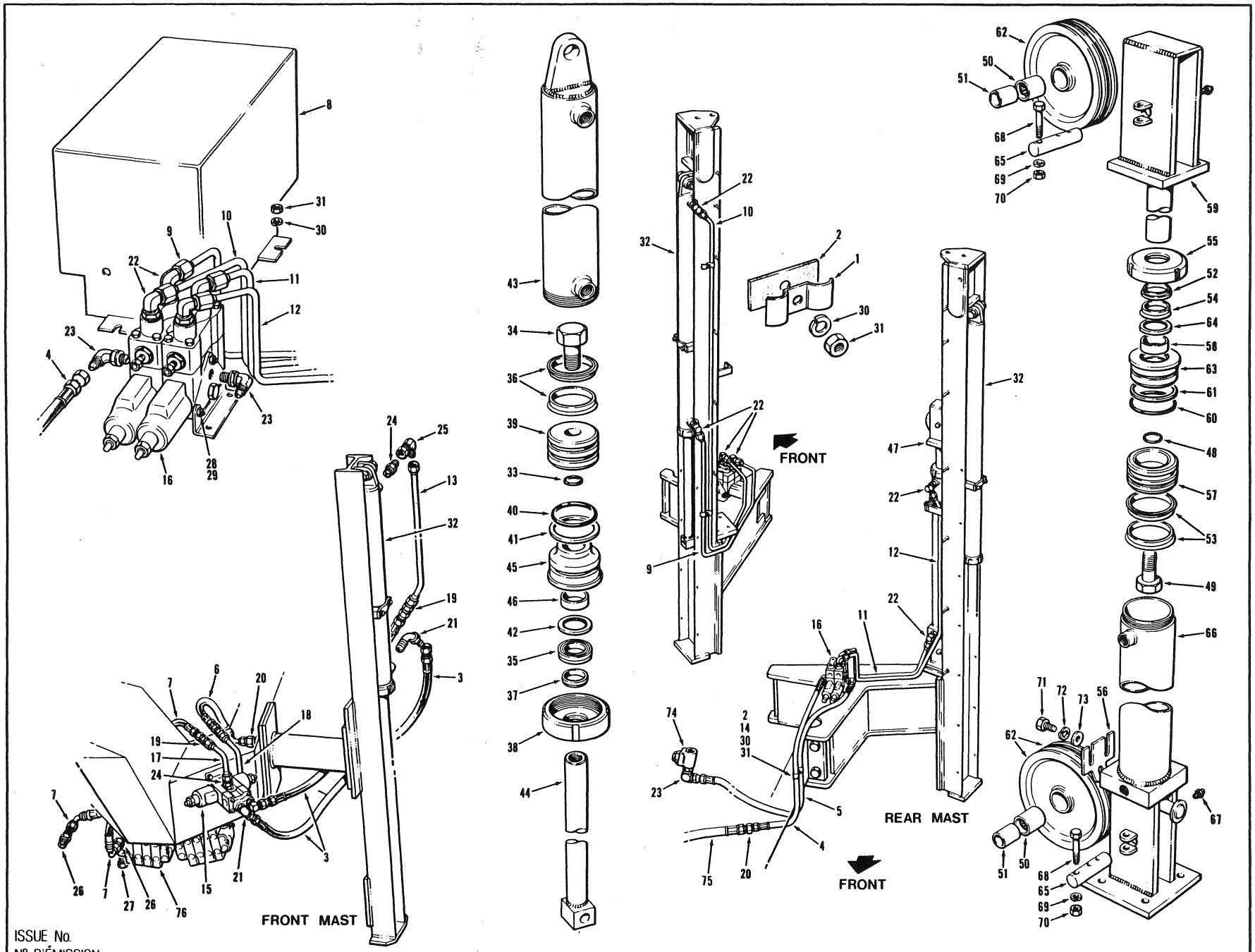
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SECTION / SECCION 12 | PAGE / PAGINA 36 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 2

LEFT - HAND REAR MOUNT WING HYDRAULIC CIRCUIT & CYLINDERS

SEPTEMBER 1988

No. Nº Nº	PART No. N° DE PIÈCE N° DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ N° REQ. N° REQ.	REMARKS REMARQUES NOTAS
1	1008	TUBE CLAMP	4	
2	9298	RUBBER PAD	5	
3	9313X48	HOSE	2	
4	9313X53.5	HOSE	1	
5	9313X72	HOSE	1	
6	*14382X28	HOSE	1	
7	*14382X36	HOSE	1	
8	23685	SOLENOID SHIELD	1	
9	23688	TUBE	1	
10	23689	TUBE	1	
11	23690	TUBE	1	
12	23691	TUBE	1	
13	23696	TUBE	1	
14	*27756	HOSE CLAMP	1	
15	32619	SOLENOID VALVE	1	
16	32620	SOLENOID VALVE	1	
17	*46445	TUBE	1	
18	*46482	TUBE	1	
19	110L-08	CONNECTOR	3	
20	110L-12	CONNECTOR	1	
21	*110AH-0812	CONNECTOR	3	
22	111B-0808	CONNECTOR	13	
23	*111B-1212	CONNECTOR	1	
24	111E-0808	CONNECTOR	3	
25	112B-08	CONNECTOR	2	
26	111B-0810	CONNECTOR	1	UP TO S/N 19079
27	26476	POWER BEYOND SLEEVE	1	UP TO S/N 19079
28	*111E-0810	CONNECTOR	1	S/N 19293 AND UP
29	*49202	POWER BEYOND SLEEVE	1	S/N 19293 AND UP
30	14A-06	LOCKWASHER	8	
31	30A-06	NUT	8	
32	*46053	CYLINDER ASSY. - INCLUDES ITEMS 33 TO 46	2	
33	*12A-216	O RING	1	
34	*50A-1220	BOLT	1	
35	12164	ROD SEAL	1	
36	12165	PISTON SEAL	2	
37	12166	WIPER	1	
38	17605	CYLINDER NUT	1	
39	*42122	PISTON	1	
40	44243	O RING	1	
41	*44343	BACK-UP RING	1	
42	*45889	BUFFER RING	1	
43	*46054	CYLINDER BARREL	1	
44	*46178	PISTON ROD	1	
45	*49393	GLAND	1	
46	*49394	WEAR RING	1	
	*48870	REPAIR KIT FOR 46053 CYLINDER ASSY. - INCLUDES ITEMS 33 TO 37, 40 TO 42 & 46	A.R.	
47	*46052	LIFT CYLINDER ASSY. - INCLUDES ITEMS 48 TO 73	1	
48	*12A-224	O RING	1	
49	*50A-1620	BOLT	1	
50	*9292	BEARING	4	
51	9573	INNER RACE	4	
52	12035	WIPER RING	1	
53	12036	PISTON SEAL	2	
54	12037	ROD SEAL	1	
55	17608	CYLINDER NUT	1	
56	22084	ICE SCRAPER	1	
57	*42151	PISTON	1	
58	*43074	WEAR	1	
59	*43763	PISTON ROD	1	
60	44244	O RING	1	
61	*44266	BACK-UP RING	1	
62	*45396	SHEAVE - INCLUDES ITEMS 50 & 51	4	
63	*45734	GLAND	1	
64	*45890	BUFFER RING	1	
65	*46050	PIN	2	
66	*46271	CYLINDER BARREL	1	
67	*28A-04	GREASE FITTING	2	
68	50A-0616	BOLT	2	
69	14A-06	LOCKWASHER	2	
70	30A-06	NUT	2	
71	51A-0808	BOLT	2	
72	14A-08	LOCKWASHER	2	
73	14C-08	FLATWASHER	2	
	*48953	REPAIR KIT FOR 46052 CLINDER ASSY. - INCLUDES ITEMS 48, 49, 52 TO 54, 58, 60, 61 & 64	A.R.	
74		RELIEF VALVE - PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4
75		HOSE - PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4
76		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

LEFT-HAND REAR MOUNT WING HYDRAULIC CIRCUIT & CYLINDERS

MAY 1990

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 19982, 19984, 19985, 19996,
NUMERO(S) DE SÉRIE EFFECTIF(S) 20005, 20104, 20105,
NUMERO(S) DE SERIE EFECTIVO(S) 20107 & UP

700 SERIES
SERIE 700

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SECCION 12 PAGINA 35

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

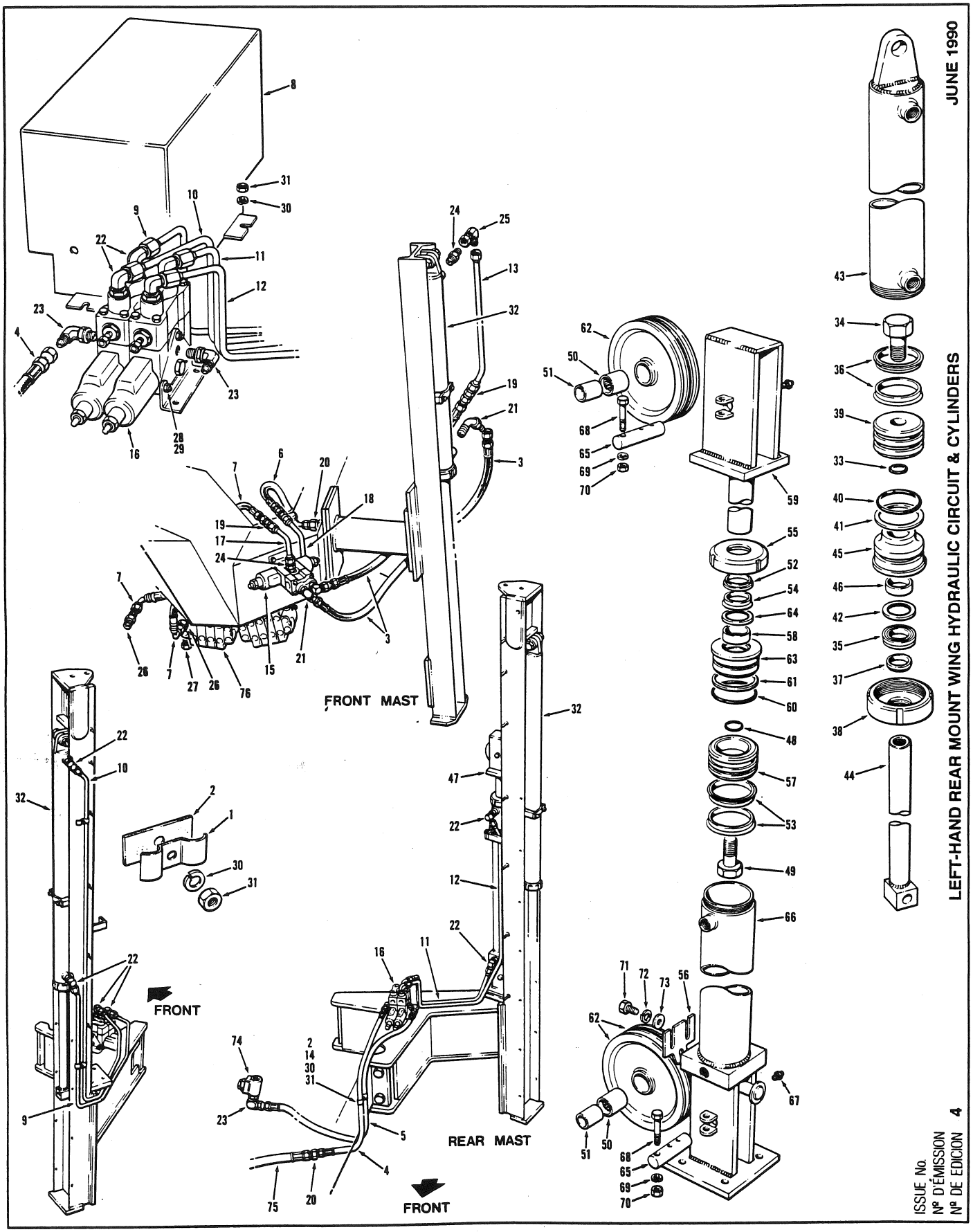
SECTION / SECCION 12 | PAGE / PAGINA 36 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 3

LEFT-HAND REAR MOUNT WING HYDRAULIC CIRCUIT & CYLINDERS

MAY 1990

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	1008	TUBE CLAMP	4	
2	9298	RUBBER PAD	5	
3	9313 x 48	HOSE	2	
4	*28485 x 55	HOSE	1	
5	*28485 x 72	HOSE	1	
6	*28485 x 36	HOSE	1	
7	*28696 x 29	HOSE	1	
8	23685	SOLENOID SHIELD	1	
9	23688	TUBE	1	
10	23689	TUBE	1	
11	23690	TUBE	1	
12	23691	TUBE	1	
13	23696	TUBE	1	
14	*54951	HOSE CLAMP	1	
15	*53913	SOLENOID VALVE	1	
16	*53914	SOLENOID VALVE	1	
17	*53921	TUBE	1	
18	*53973	TUBE	1	
19	110L-08	CONNECTOR	3	
20	110L-12	CONNECTOR	1	
21	*111A-0808	CONNECTOR	3	
22	111B-0808	CONNECTOR	12	
23	*111B-1210	CONNECTOR	2	
24	111E-0808	CONNECTOR	3	
25	112B-08	CONNECTOR	2	
26	*54416	CONNECTOR	2	
27	49202	POWER BEYOND FITTING	1	
28	*14A-05	LOCKWASHER	8	
29	*30A-05	NUT	8	
30	14A-06	LOCKWASHER	8	
31	30A-06	NUT	8	
32	46053	**CYLINDER ASSEMBLY** - INCLUDES ITEMS 33 TO 46	2	
	48870	**REPAIR KIT FOR 46053** CYLINDER ASSEMBLY - INCLUDES ITEMS 33 TO 37, 40 TO 42 & 46	1 ea.	
33	12A-216	O RING	1	
34	50A-1220	BOLT	1	
35	12164	ROD SEAL	1	
36	12165	PISTON SEAL	2	
37	12166	WIPER	1	
38	17605	CYLINDER NUT	1	
39	42122	PISTON	1	
40	42243	O RING	1	
41	44343	BACK-UP RING	1	
42	45889	BUFFER RING	1	
43	46054	CYLINDER BARREL	1	
44	46178	PISTON ROD	1	
45	49393	GLAND	1	
46	49394	WEAR RING	1	
47	46052	**LIFT CYLINDER ASSEMBLY** - INCLUDES ITEMS 48 TO 73	1	
	48953	**REPAIR KIT FOR 46052 CYLINDER ASSEMBLY** - INCLUDES ITEMS 48, 49, 52 TO 54, 58, 60, 61 & 64	1 ea.	
48	12A-224	O RING	1	
49	50A-1620	BOLT	1	
50	9292	BEARING	4	
51	9573	INNER RACE	4	
52	12035	WIPER RING	1	
53	12036	PISTON SEAL	2	
54	12037	ROD SEAL	1	
55	17608	CYLINDER NUT	1	
56	22084	ICE SCRAPER	1	
57	42151	PISTON	1	
58	43074	WEAR	1	
59	43763	PISTON ROD	1	
60	44244	O RING	1	
61	44266	BACK-UP RING	1	
62	45396	SHEAVE - INCLUDES ITEMS 50 & 51	4	
63	45734	GLAND	1	
64	45890	BUFFER RING	1	
65	46050	PIN	2	
66	46271	CYLINDER BARREL	1	
67	28A-04	GREASE FITTING	2	
68	50A-0616	BOLT	2	
69	14A-06	LOCKWASHER	2	
70	30A-06	NUT	2	
71	51A-0808	BOLT	2	
72	14A-08	LOCKWASHER	2	
73	14C-08	FLATWASHER	2	
74		RELIEF VALVE - PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4
75		HOSE - PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4
76		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8

CHAMPION ROAD MACHINERY



JUNE 1990

LEFT-HAND REAR MOUNT WING HYDRAULIC CIRCUIT & CYLINDERS

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ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 4

EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20719 & UP
EXCLUDING 20731

700 SERIES
SERIE 700

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SECCION PAGINA

SECTION / SECCION 12 | PAGE / PAGINA 36 | ISSUE No. / Nº D'ÉMISSION / Nº DE EDICION 4

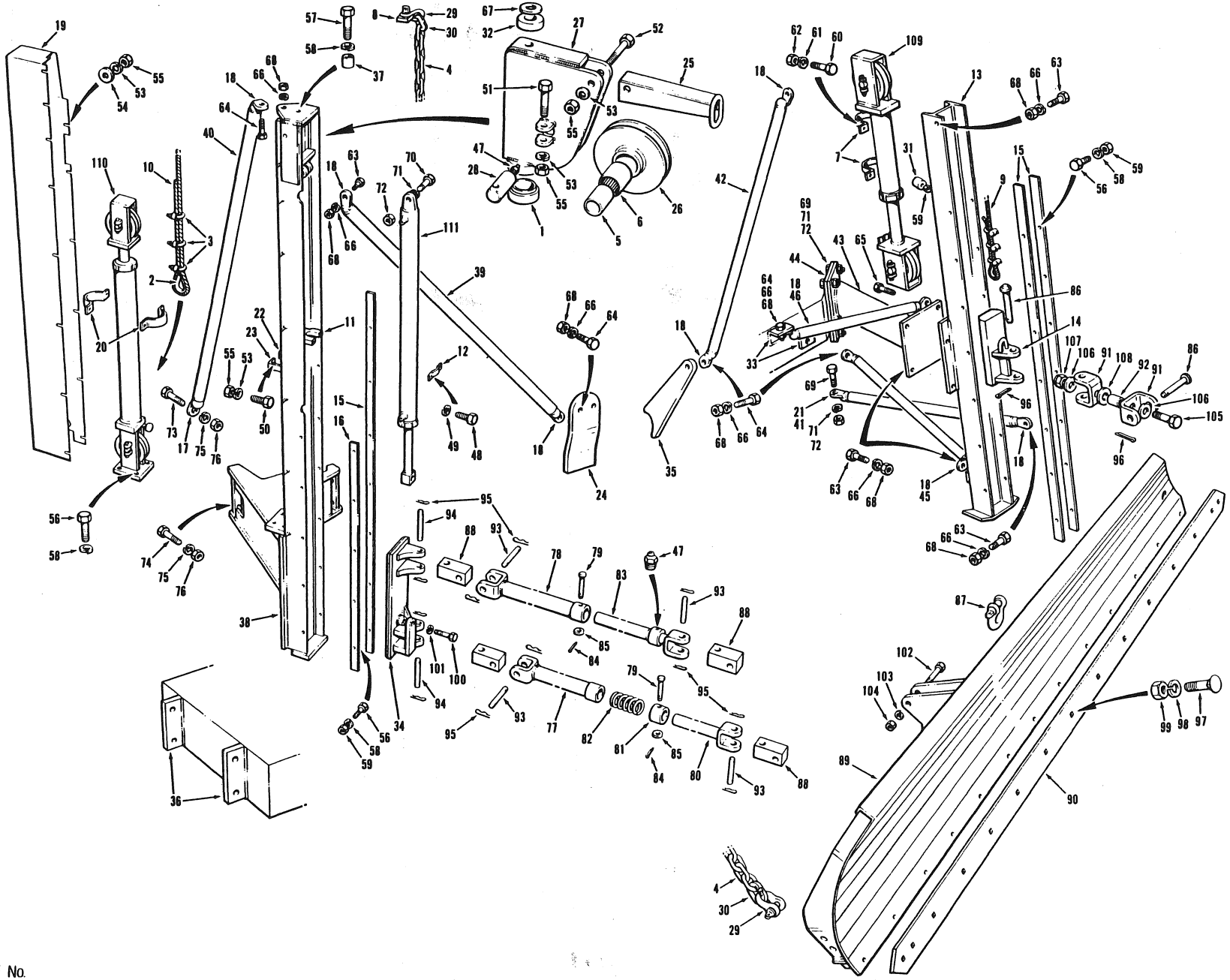
LEFT-HAND REAR MOUNT WING HYDRAULIC CIRCUIT & CYLINDERS

JUNE 1990

No. Nº Nº	PART No. Nº DE PIÈCE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
1	1008	TUBE CLAMP	4	
2	9298	RUBBER PAD	5	
3	9313 x 48	HOSE	2	
4	28485 x 55	HOSE	1	
5	28485 x 72	HOSE	1	
6	28485 x 36	HOSE	1	
7	28696 x 29	HOSE	1	
8	23685	SOLENOID SHIELD	1	
9	23688	TUBE	1	
10	23689	TUBE	1	
11	23690	TUBE	1	
12	23691	TUBE	1	
13	23696	TUBE	1	
14	54951	HOSE CLAMP	1	
15	*55033	SOLENOID VALVE	1	
16	*55034	SOLENOID VALVE	1	
17	53921	TUBE	1	
18	53973	TUBE	1	
19	110L-08	CONNECTOR	3	
20	110L-12	CONNECTOR	1	
21	111A-0808	CONNECTOR	3	
22	111B-0808	CONNECTOR	12	
23	111B-1210	CONNECTOR	2	
24	111E-0808	CONNECTOR	3	
25	112B-08	CONNECTOR	2	
26	54416	CONNECTOR	2	
27	49202	POWER BEYOND FITTING	1	
28	14A-05	LOCKWASHER	8	
29	30A-05	NUT	8	
30	14A-06	LOCKWASHER	8	
31	30A-06	NUT	8	
32	46053	**CYLINDER ASSEMBLY** - INCLUDES ITEMS 33 TO 46	2	
	48870	**REPAIR KIT FOR 46053** - CYLINDER ASSEMBLY - INCLUDES ITEMS 33 TO 37, 40 TO 42 & 46	1 ea.	
33	12A-216	O RING	1	
34	50A-1220	BOLT	1	
35	12164	ROD SEAL	1	
36	12165	PISTON SEAL	2	
37	12166	WIPER	1	
38	17605	CYLINDER NUT	1	
39	42122	PISTON	1	
40	42243	O RING	1	
41	44343	BACK-UP RING	1	
42	45889	BUFFER RING	1	
43	46054	CYLINDER BARREL	1	
44	46178	PISTON ROD	1	
45	49393	GLAND	1	
46	49394	WEAR RING	1	

No. Nº Nº	PART No. Nº DE PIECE Nº DE PIEZA	DESCRIPTION DÉSCRIPTION DESCRIPCION	No. REQ. Nº REQ. Nº REQ.	REMARKS REMARQUES NOTAS
47	46052	**LIFT CYLINDER ASSEMBLY** - INCLUDES ITEMS 48 TO 73	1	
	48953	**REPAIR KIT FOR 46052** - CYLINDER ASSEMBLY - INCLUDES ITEMS 48, 49, 52 TO 54, 58, 60, 61 & 64	1 ea.	
48	12A-224	O RING	1	
49	50A-1620	BOLT	1	
50	9292	BEARING	4	
51	9573	INNER RACE	4	
52	12035	WIPER RING	1	
53	12036	PISTON SEAL	2	
54	12037	ROD SEAL	1	
55	17608	CYLINDER NUT	1	
56	22084	ICE SCRAPER	1	
57	42151	PISTON	1	
58	43074	WEAR	1	
59	43763	PISTON ROD	1	
60	44244	O RING	1	
61	44266	BACK-UP RING	1	
62	45396	SHEAVE - INCLUDES ITEMS 50 & 51	4	
63	45734	GLAND	1	
64	45890	BUFFER RING	1	
65	46050	PIN	2	
66	46271	CYLINDER BARREL	1	
67	28A-04	GREASE FITTING	2	
68	50A-0616	BOLT	2	
69	14A-06	LOCKWASHER	2	
70	30A-06	NUT	2	
71	51A-0808	BOLT	2	
72	14A-08	LOCKWASHER	2	
73	14C-08	FLATWASHER	2	
74		RELIEF VALVE - PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4
75		HOSE - PRIMARY HYDRAULIC CIRCUIT	REF.	SECTION 4
76		MANIFOLD VALVE ASSEMBLY	REF.	SECTION 4 PAGE 8

EFFECTIVE SERIAL NUMBER(S) 17430 & UP
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 1

RIGHT HAND REAR MOUNT WING INSTALLATION - 780A

FEBRUARY 1987

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

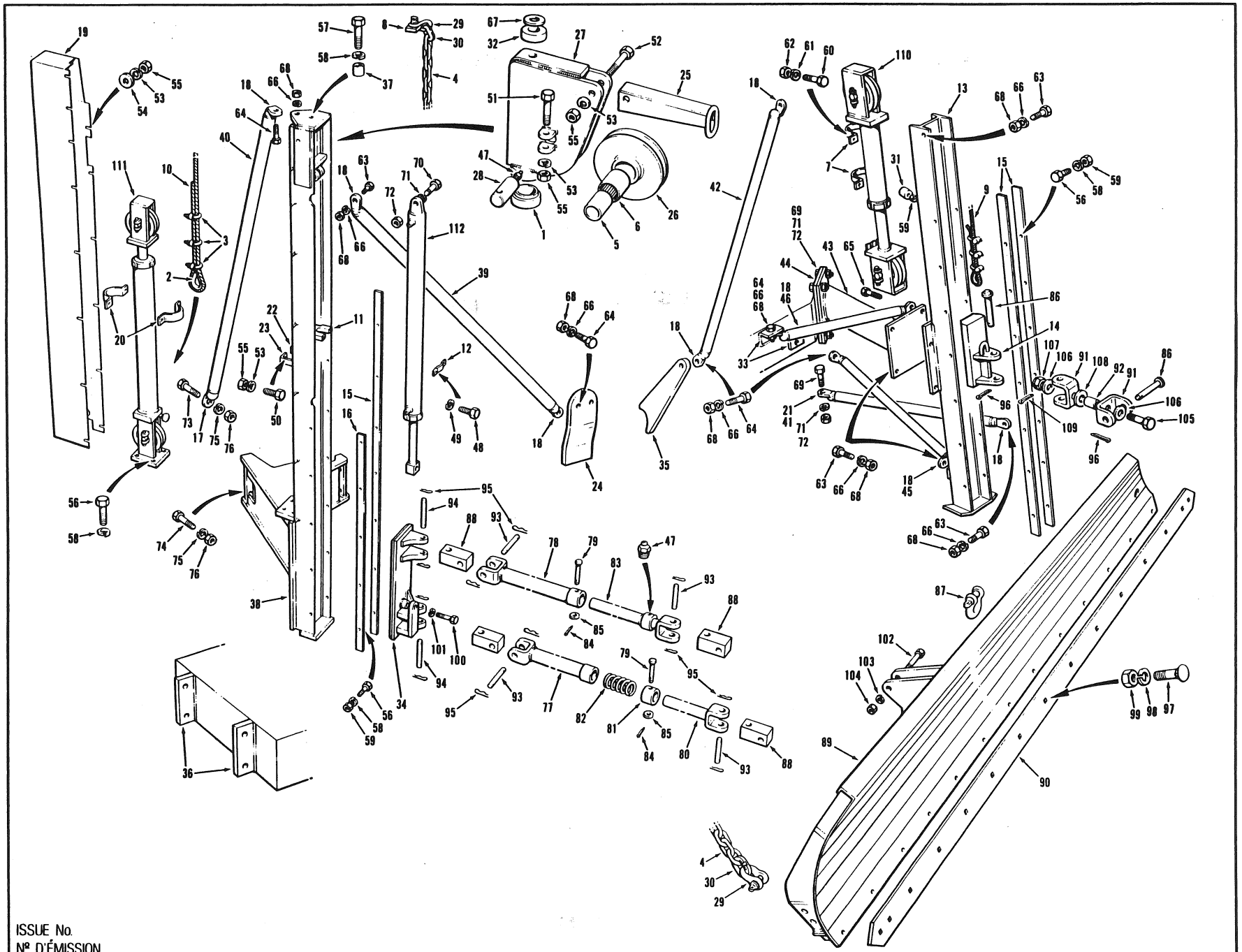
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SECTION / SECCION 12 | PAGE / PAGINA 38 | ISSUE No. / N° D'ÉMISSION / N° DE EDICION 1

RIGHT HAND REAR MOUNT WING INSTALLATION - MODEL 780A

FEBRUARY 1987

No. / Nº / Nº	PART No. / N° DE PIÈCE / N° DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / N° REQ. / N° REQ.	REMARKS / REMARQUES / NOTAS
1	731	BEARING	1	
2	4051	THIMBLE	4	
3	4052	CLAMP	12	
4	8457 X 40	CHAIN	1	
5	9291	INNER RACE	1	
6	*9292	BEARING	1	
7	10398	CLAMP	2	
8	11530	LUG	2	REPAIR PART
9	11957 X 300	CABLE - FRONT MAST	1	
10	11957 X 612	CABLE - REAR MAST	1	
11	18450-38	CYLINDER SUPPORT	1	REPAIR PART
12	18450-39	END CAP	1	
13	18457	FRONT MAST	1	
14	18458	SLIDE	1	
15	18474	GUIDE - LONG	3	
16	18475	GUIDE - SHORT	1	
17	18593	ADAPTER - 1.25" DIA. HOLE	1	REPAIR PART
18	18594	ADAPTER - .81" DIA. HOLE	10	REPAIR PART
19	18712	ICE SHIELD	1	
20	18741	CLAMP	2	
21	18858	ADAPTER - 1.06" DIA. HOLE	1	REPAIR PART
22	*19006	BRACKET	1	REPAIR PART
23	*19007	BRACKET	1	REPAIR PART
24	19296	BRACE MOUNT	1	
25	21267	CABLE GUIDE	1	
26	21291	SHEAVE - INCLUDES ITEMS 5 & 6	1	
27	21294	SWIVEL HOUSING	1	
28	21494	PIN	1	
29	22129	ANCHOR SHACKLE	2	
30	22130	SPLIT LINK	2	
31	26019	BUMPER PAD	1	
32	26873	WASHER	1	
33	*27642	BRACKET	2	REPAIR PART
34	27647	SLIDE	1	
35	28965	BRACE MOUNT	1	REPAIR PART
36	*42224	ATTACHMENT LUG	2	REPAIR PART
37	*43562	BUSHING	1	
38	*44872	REAR MAST	1	
39	*45178	BRACE - C/W 2 OF ITEM 18	1	
40	*45180	BRACE - C/W 1 OF ITEM 17 & 1 OF ITEM 18	1	
41	*45181	BRACE - C/W 1 OF ITEM 18 & 1 OF ITEM 21	1	
42	*45182	BRACE - C/W 2 OF ITEM 18	1	
43	*45199	MOUNTING BRACKET	1	
44	*45199-1	MOUNTING PLATE	1	REPAIR PART
45	*45204	BRACE - C/W 2 OF ITEM 18	1	
46	*45205	BRACE - C/W 2 OF ITEM 18	1	
47	29A-02	GREASE FITTING	2	
48	50A-0506	BOLT	2	
49	14A-05	LOCKWASHER	2	
50	50A-0612	BOLT	2	
51	50A-0616	BOLT	1	
52	50A-0620	BOLT	1	
53	14A-06	LOCKWASHER	18	
54	14C-06	FLATWASHER	14	
55	30A-06	NUT	18	
56	50A-0814	BOLT	26	
57	51A-0816	BOLT	1	
58	14A-08	LOCKWASHER	27	
59	30A-08	NUT	28	
60	50A-1014	BOLT	4	
61	14A-10	LOCKWASHER	4	
62	30A-10	NUT	4	
63	50A-1220	BOLT	7	
64	50A-1224	BOLT	5	
65	50A-1228	BOLT	1	
66	14A-12	LOCKWASHER	13	
67	14C-12	FLATWASHER	1	
68	30A-12	NUT	13	
69	50A-1628	BOLT	5	
70	50A-1632	BOLT	1	
71	14A-16	LOCKWASHER	6	
72	30A-16	NUT	6	
73	50A-2028	BOLT	1	
74	50A-2036	BOLT	4	
75	14A-20	LOCKWASHER	5	
76	30A-20	NUT	5	
		STAND OFF ARM INSTALLATIONS		
77	21198	OUTER SLEEVE - LOWER ARM	1	
78	21501	OUTER SLEEVE - UPPER ARM	1	
79	21503	SHEAR PIN	2	
80	21505	INNER SLEEVE - LOWER ARM	1	
81	21507	COLLAR	1	
82	22126	SPRING	1	
83	22155	INNER SLEEVE - UPPER ARM	1	
84	13A-0316	COTTER PIN	2	
85	14C-10	FLATWASHER	2	
		WING INSTALLATION		
86	10570	PIN	2	
87	21590	SHACKLE - USED FOR MOUNTING WING	1	
88	21595	KNUCKLE	4	
89	22093	WING - DRILLED FOR STANDARD EDGES	1	
90	23733	EDGE - 1/2" THICK	1	
91	*41925	SWIVEL	2	
92	*42659	BUSHING	1	
93	18C-0820	PIN	4	
94	18C-0824	PIN	2	
95	13L-03	HITCH PIN	12	
96	13A-1240	COTTER PIN	2	
97	40F-1016	BOLT	15	
98	14A-10	LOCKWASHER	15	
99	30A-10	NUT	15	
100	50A-1232	BOLT	1	
101	14A-12	LOCKWASHER	1	
102	51A-1644	BOLT	2	
103	14A-16	LOCKWASHER	2	
104	31A-16	NUT	2	
105	50A-2432	BOLT	1	
106	14C-24	FLATWASHER	2	
107	36N-24	LOCKNUT	1	
108	14D-32	FLATWASHER - HEAVY	1	
109		LIFT CYLINDER ASSY. - FRONT MAST	REF.	SECT. 12 PAGE 20
110		LIFT CYLINDER ASSY. - REAR MAST	REF.	SECT. 12 PAGE 22
111		SLIDE CYLINDER ASSY.	REF.	SECT. 12 PAGE 24



RIGHT-HAND REAR MOUNT WING INSTALLATION - MODEL 780A

FEBRUARY 1990

ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 2

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

EFFECTIVE SERIAL NUMBER(S) 19984, 20265, 20307,
NUMERO(S) DE SÉRIE EFFECTIF(S) 20436 & UP
NUMERO(S) DE SERIE EFECTIVO(S)

700 SERIES
SERIE 700

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SECCION 12 PAGINA 37

USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS

FOR ILLUSTRATION - TURN THIS PAGE POUR L'ILLUSTRATION - VOIR AU VERSO PARA LA ILUSTRACION - VER AL VERSO

RIGHT-HAND REAR MOUNT WING INSTALLATION - MODEL 780A

No. / Nº / Nº	PART No. / Nº DE PIÈCE / Nº DE PIEZA	DESCRIPTION / DÉSCRIPTION / DESCRIPCION	No. REQ. / Nº REQ. / Nº REQ.	REMARKS / REMARQUES / NOTAS
1	731	BEARING	1	
2	4051	THIMBLE	4	
3	4052	CLAMP	12	
4	8457 x 40	CHAIN	1	
5	9291	INNER RACE	1	
6	9292	BEARING	1	
7	10398	CLAMP	2	
8	11530	LUG	2	
9	11957 x 300	CABLE - FRONT MAST	1	REPAIR PART
10	*11957 x 528	CABLE - REAR MAST	1	
11	18450-38	CYLINDER SUPPORT	1	REPAIR PART
12	18450-39	END CAP	1	
13	18457	FRONT MAST	1	
14	18458	SLIDE	1	
15	18474	GUIDE - LONG	3	
16	18475	GUIDE - SHORT	1	
17	18593	ADAPTER - 1.25" DIA. HOLE	1	REPAIR PART
18	18594	ADAPTER - .81" DIA. HOLE	10	REPAIR PART
19	18712	ICE SHIELD	1	
20	18741	CLAMP	2	
21	18858	ADAPTER - 1.06" DIA. HOLE	1	REPAIR PART
22	19006	BRACKET	1	REPAIR PART
23	19007	BRACKET	1	REPAIR PART
24	19296	BRACE MOUNT	1	
25	21267	CABLE GUIDE	1	
26	21291	SHEAVE - INCLUDES ITEMS 5 & 6	1	
27	*43563	SWIVEL HOUSING	1	
28	*48251	PIN	1	
29	22129	ANCHOR SHACKLE	2	
30	22130	SPLIT LINK	2	
31	26019	BUMPER PAD	1	
32	26873	WASHER	1	
33	27642	BRACKET	2	REPAIR PART
34	27647	LIDE	1	
35	28965	BRACE MOUNT	1	REPAIR PART
36	42224	ATTACHMENT LUG	2	REPAIR PART
37	43562	BUSHING	1	
38	44872	REAR MAST	1	
39	45178	BRACE - C/W 2 OF ITEM 18	1	
40	*56089	BRACE - C/W 1 OF ITEM 17 & 1 OF ITEM 18	1	
41	45181	BRACE - C/W 1 OF ITEM 18 & 1 OF ITEM 21	1	
42	45182	BRACE - C/W 2 OF ITEM 18	1	
43	45199	MOUNTING BRACKET	1	
44	45199-1	MOUNTING PLATE	1	REPAIR PART
45	45204	BRACE - C/W 2 OF ITEM 18	1	
46	45205	BRACE - C/W 2 OF ITEM 18		
47	29A-02	GREASE FITTING	2	
48	50A-0506	BOLT	2	
49	14A-05	LOCKWASHER	2	
50	50A-0612	BOLT	2	
51	50A-0616	BOLT	1	
52	50A-0620	BOLT	1	
53	14A-06	LOCKWASHER	18	
54	14C-06	FLATWASHER	14	
55	30A-06	NUT	18	
56	50A-0814	BOLT	26	
57	51A-0816	BOLT	1	
58	14A-08	NUT	27	
59	30A-08	NUT	28	
60	50A-1014	BOLT	4	
61	14A-10	LOCKWASHER	4	
62	30A-10	NUT	4	
63	50A-1220	BOLT	7	
64	50A-1224	BOLT	5	
65	50A-1228	BOLT	1	
66	14A-12	LOCKWASHER	13	
67	14C-12	FLATWASHER	1	
68	30A-12	NUT	13	
69	50A-1628	BOLT	5	
70	50A-1632	BOLT	1	
71	14A-16	LOCKWASHER	6	
72	30A-16	NUT	6	
73	50A-2028	BOLT	1	
74	50A-2036	BOLT	4	
75	14A-20	LOCKWASHER	5	
76	30A-20	NUT	5	
		STAND-OFF-ARM INSTALLATIONS		
77	21198	OUTER SLEEVE - LOWER ARM	1	
78	21501	OUTER SLEEVE - UPPER ARM	1	
79	21503	SHEAR PIN	2	
80	21505	INNER SLEEVE - LOWER ARM	1	
81	21507	COLLAR	1	
82	22126	SPRING	1	
83	22155	INNER SLEEVE - UPPER ARM	1	
84	13A-0316	COTTER PIN	2	
85	14C-10	FLATWASHER	2	
		WING INSTALLATION		
86	10570	PIN	2	
87	21590	SHACKLE - USED FOR MOUNTING WING	1	
88	21595	KNUCKLE	4	
89	22093	WING - DRILLED FOR STANDARD EDGES	1	
90	23733	EDGE - 1/2" THICK	1	
91	41925	SWIVEL	2	
92	42659	BUSHING	1	
93	18C-0820	PIN	4	
94	18C-0824	PIN	2	
95	13L-03	HITCH PIN	12	
96	13A-1240	COTTER PIN	2	
97	40F-1016	BOLT	15	
98	14A-10	LOCKWASHER	15	
99	30A-10	NUT	15	
100	50A-1232	BOLT	1	
101	14A-12	LOCKWASHER	1	
102	51A-1644	BOLT	2	
103	14A-16	LOCKWASHER	2	
104	31A-16	NUT	2	
105	*54332	BOLT - DRILLED	1	
106	*54333	FLATWASHER	2	
107	*30K-24	NUT - SLOTTED	1	
108	*54334	FLATWASHER	1	
109	*13A-0848	COTTER PIN	1	
110		LIFT CYLINDER ASSEMBLY - FRONT MAST	REF.	SEC. 12 PG. 20
111		LIFT CYLINDER ASSEMBLY - REAR MAST	REF.	SEC. 12 PG. 22
112		SLIDE CYLINDER ASSEMBLY	REF.	SEC. 12 PG. 24

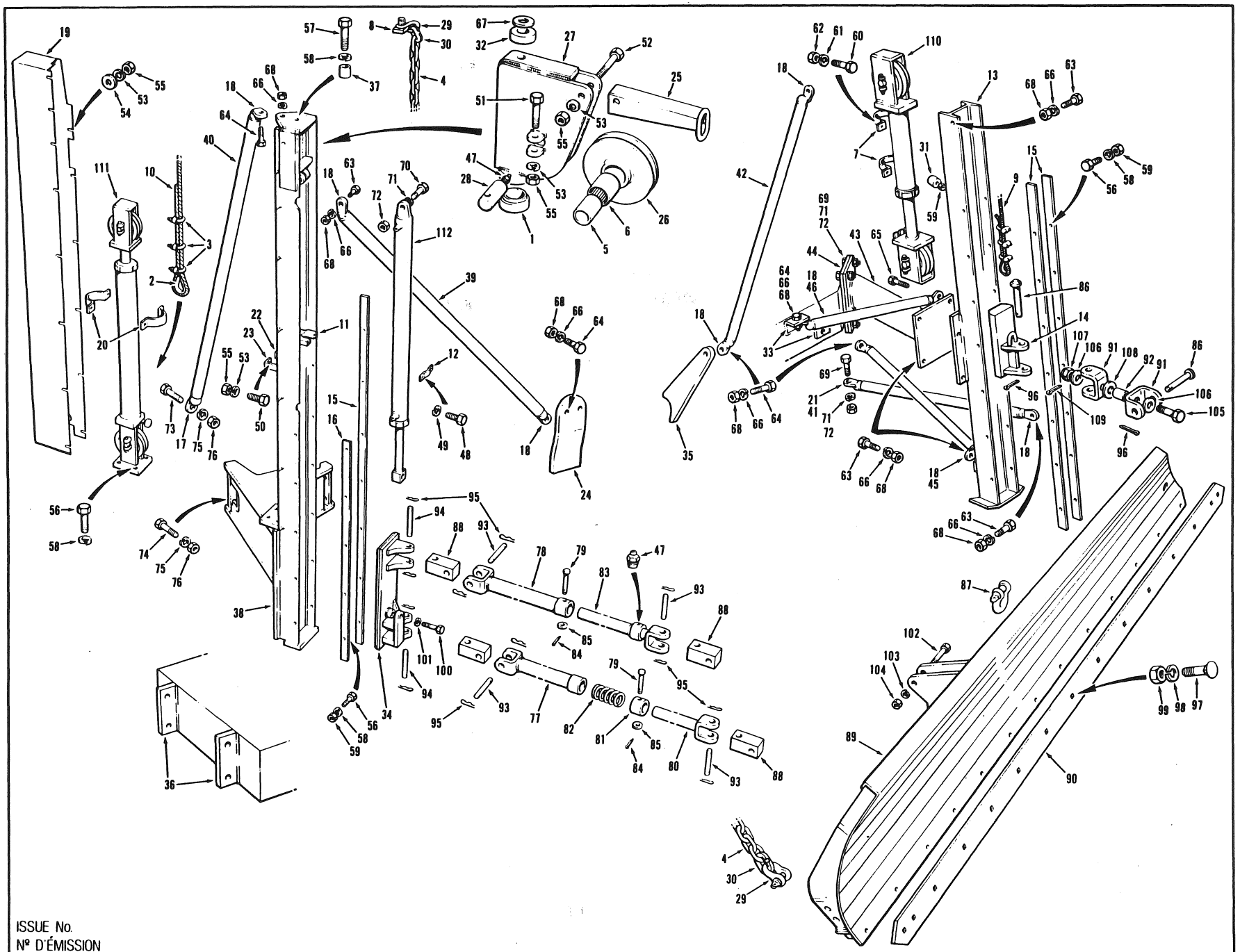
EFFECTIVE SERIAL NUMBER(S)
NUMERO(S) DE SÉRIE EFFECTIF(S)
NUMERO(S) DE SERIE EFECTIVO(S)

20719 & UP

700 SERIES
SÉRIE 700

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USE ONLY CHAMPION ROAD MACHINERY APPROVED PARTS



ISSUE No.
Nº D'ÉMISSION
Nº DE EDICION 3

RIGHT-HAND REAR MOUNT WING INSTALLATION - Model 780A

MARCH 1991

FOR LIST OF PARTS - TURN THIS PAGE POUR LA LISTE DES PIÈCES - VOIR AU VERSO PARA LA LISTA DE LAS PIEZAS - VER AL VERSO

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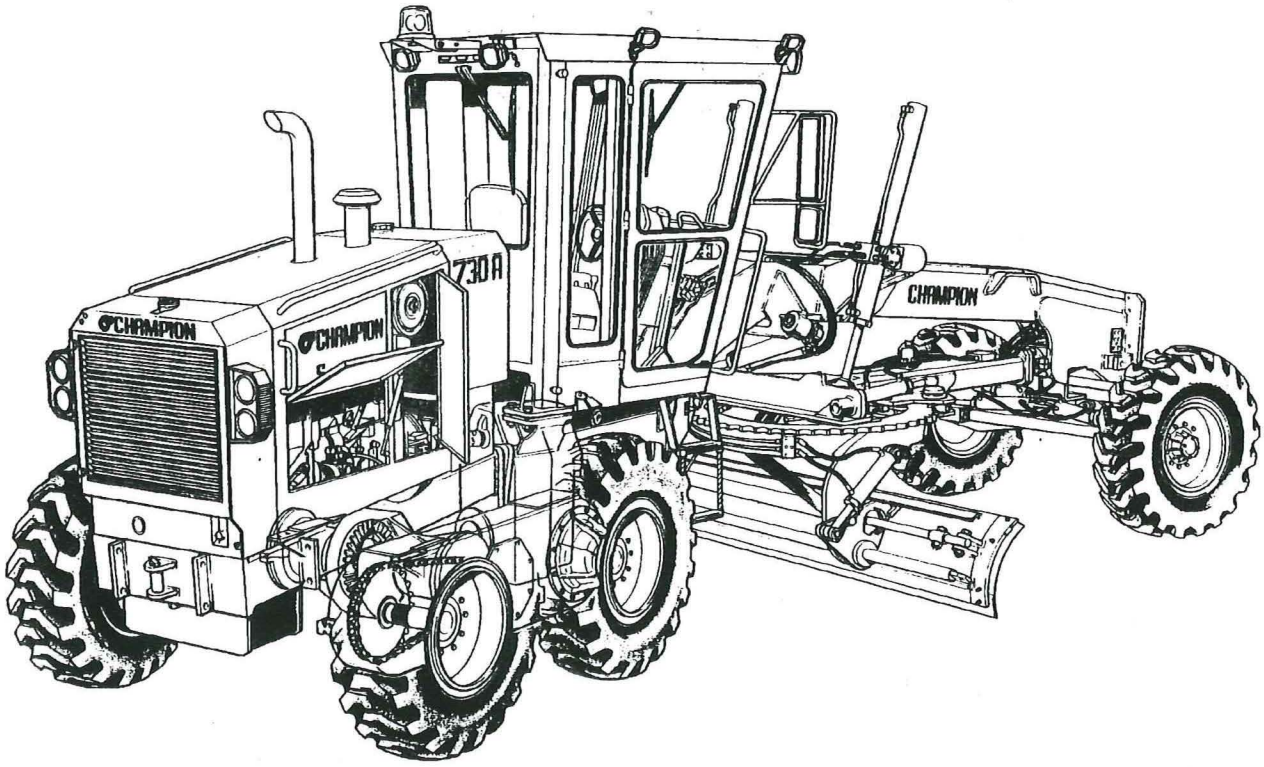
RIGHT-HAND REAR MOUNT WING INSTALLATION - Model 780A

MARCH 1991

No.	PART No.	DESCRIPTION	No. REQ.	REMARKS
1	731	BEARING	1	
2	4051	THIMBLE	4	
3	4052	CLAMP	12	
4	8457 x 40	CHAIN	1	
5	9291	INNER RACE	1	
6	9292	BEARING	1	
7	10398	CLAMP	2	
8	11530	LUG	2	
9	11957 x 300	CABLE - FRONT MAST	1	REPAIR PART
10	11957 x 528	CABLE - REAR MAST	1	
11	18450-38	CYLINDER SUPPORT	1	REPAIR PART
12	18450-39	END CAP	1	
13	18457	FRONT MAST	1	
14	18458	SLIDE	1	
15	18474	GUIDE - LONG	3	
16	18475	GUIDE - SHORT	1	
17	18593	ADAPTER - 1.25" DIA. HOLE	1	REPAIR PART
18	18594	ADAPTER - .81" DIA. HOLE	10	REPAIR PART
19	18712	ICE SHIELD	1	
20	18741	CLAMP	2	
21	18858	ADAPTER - 1.06" DIA. HOLE	1	REPAIR PART
22	19006	BRACKET	1	REPAIR PART
23	19007	BRACKET	1	REPAIR PART
24	19296	BRACE MOUNT	1	
25	21267	CABLE GUIDE	1	
26	21291	SHEAVE - INCLUDES ITEMS 5 & 6	1	
27	43563	SWIVEL HOUSING	1	
28	48251	PIN	1	
29	22129	ANCHOR SHACKLE	2	
30	22130	SPLIT LINK	2	
31	26019	BUMPER PAD	1	
32	26873	WASHER	1	
33	27642	BRACKET	2	REPAIR PART
34	*58805	SLIDE	1	
35	28965	BRACE MOUNT	1	REPAIR PART
36	42224	ATTACHMENT LUG	2	REPAIR PART
37	43562	BUSHING	1	
38	44872	REAR MAST	1	
39	*38690	BRACE - C/W 2 OF ITEM 18	1	
40	*38689	BRACE - C/W 1 OF ITEM 17 & 1 OF ITEM 18	1	
41	*58789	BRACE - C/W 1 OF ITEM 18 & 1 OF ITEM 21	1	
42	45182	BRACE - C/W 2 OF ITEM 18	1	
43	45199	MOUNTING BRACKET	1	
44	45199-1	MOUNTING PLATE	1	REPAIR PART
45	*38691	BRACE - C/W 2 OF ITEM 18	1	
46	*38693	BRACE - C/W 2 OF ITEM 18		
47	29A-02	GREASE FITTING	2	
48	50A-0506	BOLT	2	
49	14A-05	LOCKWASHER	2	
50	50A-0612	BOLT	2	
51	50A-0616	BOLT	1	
52	50A-0620	BOLT	1	
53	14A-06	LOCKWASHER	18	
54	14C-06	FLATWASHER	14	
55	30A-06	NUT	18	
56	50A-0814	BOLT	26	
57	51A-0816	BOLT	1	
58	14A-08	NUT	27	
59	30A-08	NUT	28	
60	50A-1014	BOLT	4	
61	14A-10	LOCKWASHER	4	
62	30A-10	NUT	4	
63	50A-1220	BOLT	7	
64	50A-1224	BOLT	5	
65	50A-1228	BOLT	1	
66	14A-12	LOCKWASHER	13	
67	14C-12	FLATWASHER	1	
68	30A-12	NUT	13	
69	50A-1628	BOLT	5	
70	50A-1632	BOLT	1	
71	14A-16	LOCKWASHER	6	
72	30A-16	NUT	6	
73	50A-2028	BOLT	1	
74	50A-2036	BOLT	4	
75	14A-20	LOCKWASHER	5	
76	30A-20	NUT	5	
		STAND-OFF-ARM INSTALLATIONS		
77	21198	OUTER SLEEVE - LOWER ARM	1	
78	21501	OUTER SLEEVE - UPPER ARM	1	
79	21503	SHEAR PIN	2	
80	21505	INNER SLEEVE - LOWER ARM	1	
81	21507	COLLAR	1	
82	22126	SPRING	1	
83	22155	INNER SLEEVE - UPPER ARM	1	
84	13A-0316	COTTER PIN	2	
85	14C-10	FLATWASHER	2	
		WING INSTALLATION		
86	10570	PIN	2	
87	21590	SHACKLE - USED FOR MOUNTING WING	1	
88	21595	KNUCKLE	4	
89	22093	WING - DRILLED FOR STANDARD EDGES	1	
90	23733	EDGE - 1/2" THICK	1	
91	41925	SWIVEL	2	
92	42659	BUSHING	1	
93	18C-0820	PIN	4	
94	18C-0824	PIN	2	
95	13L-03	HITCH PIN	12	
96	13A-1240	COTTER PIN	2	
97	40F-1016	BOLT	15	
98	14A-10	LOCKWASHER	15	
99	30A-10	NUT	15	
100	50A-1232	BOLT	1	
101	14A-12	LOCKWASHER	1	
102	51A-1644	BOLT	2	
103	14A-16	LOCKWASHER	2	
104	31A-16	NUT	2	
105	54332	BOLT - DRILLED	1	
106	54333	FLATWASHER	2	
107	30K-24	NUT - SLOTTED	1	
108	54334	FLATWASHER	1	
109	13A-0848	COTTER PIN	1	
110		LIFT CYLINDER ASSEMBLY - FRONT MAST	REF.	Sect12 Pg 19
111		LIFT CYLINDER ASSEMBLY - REAR MAST	REF.	Sect 12 Pg 21
112		SLIDE CYLINDER ASSEMBLY	REF.	Sect 12 Pg 23

VOLVO

Volvo Motor Graders



Parts Quick Reference Guide

700 Models

Serial Numbers 16245 - 32999

Volvo Motor Graders Limited
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Part No. L-21003-03 (01/2002)
Printed in Canada

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Note: Grader Serial Numbers 2021-2 to 2658-2 are not identified in this guide.

Belts and Hoses

		Model						
		710 710A 716A[1]	720 720 VHP 720A 720A VHP 726A[1] 726A VHP[1]	730 730A 736A[1]	730 VHP 730A VHP 736A VHP[1]	740 740 VHP 740A 740A VHP	750A 750A VHP	780A 780A VHP
		Cummins Engine Type						
		6BT5.9	6CT8.3	6CT8.3	6CT8.3	L10/M11	L10/M11	L10/M11
Item	**Serial No. Range**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**
Fan/Alternator Belt	27314 & Up **including:** 26677, **excluding:** 27319 to 27595	86854	95248	95248	95248	N/A	N/A	N/A
	26245 to 27201, **including:** 25725, 25726, 26084, 26085 & 26241, **excluding:** 26712	37114	86704	86704	N/A	N/A	N/A	N/A
	16805 to 26244, **excluding:** 25725, 25726, 26084, 26085 & 26241	37114	37395	37395	N/A	N/A	N/A	N/A
Fan Belt	24736 & Up	N/A	N/A	N/A	N/A	63419	63419	63419
	16805 to 24735	N/A	N/A	N/A	N/A	37109	37109	37109
	16245 to 16804	N/A	37111	37111	N/A	37109	37109	37109
Alternator Belt	21911 & Up	N/A	N/A	N/A	N/A	51467	51467	51467
	16805 to 21910	N/A	N/A	N/A	N/A	37110	37110	37110
	16245 to 16804	N/A	37112	37157	N/A	37110	37110	37110
Air Conditioner Belt	27918 & Up	86800	95448	95448	95448	44213	44213	44213
	27596 to 27917 **including:** 26677 & 27314 to 27318	86800	95247	95247	95247	44213	44213	44213
	27202 to 27595 **including:** 27110 **excluding:** 26677 & 27314 to 27318	86800	41156	41156	41156	44213	44213	44213
	24736 to 27201 **excluding:** 27110	44149	41156	41156	41156	44213	44213	44213

[1] All Wheel Drive

Belts and Hoses
(continued)

		Model						
		710 710A 716A[1]	720 720 VHP 720A 720A VHP 726A[1] 726A VHP[1]	730 730A 736A[1]	730 VHP 730A VHP 736A VHP[1]	740 740 VHP 740A 740A VHP	750A 750A VHP	780A 780A VHP
		Cummins Engine Type						
		6BT5.9	6CT8.3	6CT8.3	6CT8.3	L10/M11	L10/M11	L10/M11
Item	**Serial No. Range**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**
Upper Rad Hose	27596 & Up **including:** 26677, **excluding:** 27314, 27315, 27316 & 27318	86745	86940	86940	86940	95375	95375	95375
	27202 to 27595 **including:** 27151, **excluding:** 27314, 27315, 27316, 27317 & 27318	86745	86469	86469	86469	52850	52850	52850
	26245 to 27201, **including:** 26241, 26084, 26085, 25725 & 25726 **excluding:** 26677	80877	86469	86469	86469	52850	52850	52850
	24736 to 26244 **excluding:** 25726, 25725, 26084, 26085, 26241 & 27151	80877	41705	41705	41705	52850	52850	52850
	19982 to 24735	41703	41705	41705	N/A	52850	52850	52850
	16806 to 19981	41703	41705	41705	N/A	N/A	N/A	N/A
Lower Rad Hose	27596 & Up **including:** 26677, 27314 to 27318	80861	80861	80861	80861	86892	86892	86892
	27249 to 27595 **excluding:** 26677, 27314 to 27318	80861	80861	80861	86152	86152	86152	86152
	24736 to 26248, **including:** 24483, 24598, 24599, 24619 & 24620	80861	80861	80861	80861	68103	68103	68103
	21911 to 24735, **excluding:** 24483, 24598 & 24599	52910	52799	52799	N/A	68103	68103	68103

[1] All Wheel Drive

Belts and Hoses

(continued)

		Model						
		710 710A 716A[1]	720 720 VHP 720A 720A VHP 726A[1] 726A VHP[1]	730 730A 736A[1]	730 VHP 730A VHP 736A VHP[1]	740 740 VHP 740A 740A VHP	750A 750A VHP	780A 780A VHP
		Cummins Engine Type						
		6BT5.9	6CT8.3	6CT8.3	6CT8.3	L10/M11	L10/M11	L10/M11
Item	**Serial No. Range**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**
Lower Rad Hose (cont'd)	20719 to 21910	52910	52799	52799	N/A	57012	57012	57012
	20277 to 20718, **excluding:** 20234 to 20264 & 20376	52910	52799	52799	N/A	19865X3.5	19865X3.5	19865X3.5
	20120 to 20226, **including:** 19982, 19984, 19985, 19986, 20005, 20104, 20106, 20234 to 20264, & 20376 to 20382	19865X4	19865X4	19865X4	N/A	53693	53693	53693
	17581 to 20119, **excluding:** 17597 to 17611	19865X4	44854	44854	N/A	44853	44853	44853
Oil Cooler Hose	27596 & Up **including:** 27314 to 27318 & 26677	52808	84871	84871	84871	95241	95241	95241
	26319 to 27595, **excluding:** 26677, 27314 to 27318	52808	84871	84871	84871	86151	86151	86151
	26249 to 27313	80861	86276	86276	86276	86151	86151	86151
	21911 to 26248, **including:** 24483, 24598, 24599, 24619 & 24620	52808	68104	68104	68104	56048	56048	56048
	20719 to 21910	52808	57013	57013	N/A	56048	56048	56048
	20277 to 20718 **excluding:** 20234 to 20264, & 20376 to 20382	52808	19865X8	19865X8	N/A	52799	52799	52799

(continues)

[1] All Wheel Drive

Belts and Hoses

(continued)

		Model						
		710 710A 716A[1]	720 720 VHP 720A 720A VHP 726A[1] 726A VHP[1]	730 730A 736A[1]	730 VHP 730A VHP 736A VHP[1]	740 740 VHP 740A 740A VHP	750A 750A VHP	780A 780A VHP
		Cummins Engine Type						
		6BT5.9	6CT8.3	6CT8.3	6CT8.3	L10/M11	L10/M11	L10/M11
Item	**Serial No. Range**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**
Oil Cooler Hose (cont'd)	20120 to 20226 **including:** 19982, 19984, 19985, 19986, 20005, 20104, 20106, 20234 to 20264, 20376 to 20382	45210	19865X18	19865X18	N/A	53692	53692	53692
	17851 to 20119, **excluding:** 17597 to 17611	45210	44816	44816	N/A	44852	44852	44852

[1] All Wheel Drive

Filter Kits

		Model						
		710 710A 716A[1]	720 720 VHP 720A 720A VHP 726A[1] 726A VHP[1]	730 730A 736A[1]	730 VHP 730A VHP 736A VHP[1]	740 740 VHP 740A 740A VHP	750A 750A VHP	780A 780A VHP
		Cummins Engine Type						
		6BT5.9	6CT8.3	6CT8.3	6CT8.3	L10/M11	L10/M11	L10/M11
Item	**Serial No. Range**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**
Filter kits								
100 hr Filter Kit	24727& Up	68769	88149	88149	88149	88150	88150	88150
250 hr Filter Kit with Air Filter	21457& Up	63004	63008	63008	88267	63012	63012	63012
	20266 to 21456	63004	88270	88270	N/A	63012	63012	63012
	16245 to 20265	44473	44475	44475	N/A	N/A	N/A	N/A
500 hr Filter Kit with Air Filter	23752 & Up	68767	68768	68768	88268	68771	68771	68771
	21457 to 23751	63005	63009	63009	N/A	63013	63013	63013
	19340 to 21456	44474	44476	44476	N/A	N/A	N/A	N/A
	16245 to 19339	44474	44476	44476	N/A	N/A	N/A	N/A
250 hr Filter Kit without Air Filter	21457 & Up	63006	63010	63010	63010	63014	63014	63014
500 hr Filter Kit without Air Filter	24727 & Up	68769	68770	68770	68770	68772	68772	68772
	21457 to 23751	63007	63011	63011	N/A	63015	63015	63015
Hydraulic Oil Filters	23752 & Up	49076	49076	49076	49076	49076	49076	49076
	20121 to 23751	53527	53527	53527	N/A	53527	53527	53527
	16245 to 20120	13028	13028	13028	N/A	13028	13028	13028
Hydraulic Oil Filter All Wheel Drive	30600 & Up	97710	97710	97710	N/A	N/A	N/A	N/A
	16860 to 30599	44419	44419	44419	N/A	N/A	N/A	N/A
	16245 to 16859	30790	30790	30790	N/A	N/A	N/A	N/A
Transmission Oil Filter	16245 & Up	49076	49076	49076	49076	49076	49076	49076
Air Filter (Primary)	16806 & Up	28120	28120	28120	37398	37398	37398	37398
	16245 to 16805	28120	28120	28120	N/A	28120	28120	28120
Air Filter (Safety)	16806 & Up	28121	28121	28121	63288	63288	63288	63288
	16245 to 16805	28121	28121	28121	N/A	28121	28121	28121
Air Filter (Fresh Air)	30600 & Up	96912	96912	96912	96912	96912	96912	96912

[1] All Wheel Drive

Filter Kits
(continued)

		Model						
		710 710A 716A[1]	720 720 VHP 720A 720A VHP 726A[1] 726A VHP[1]	730 730A 736A[1]	730 VHP 730A VHP 736A VHP[1]	740 740 VHP 740A 740A VHP	750A 750A VHP	780A 780A VHP
		Cummins Engine Type						
		6BT5.9	6CT8.3	6CT8.3	6CT8.3	L10/M11	L10/M11	L10/M11
Item	**Serial No. Range**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**
Air Filter (Recirculating)	30600 & Up	96913	96913	96913	96913	96913	96913	96913
Cab Pressurizer Filter	21911 to 30599	26866	26866	26866	26866	26866	26866	26866
Engine Oil Filter	21457 & Up	36844	54429	54429	54429	54429	54429	54429
	19885 to 21456	36844	36847	36847	N/A	54429	54429	54429
	16245 to 19884	36844	36847	36847	N/A	24355	24355	24355
Fuel Filter**	19885 & Up	36845	36845	36845	36845	N/A	N/A	N/A
	16806 to 19884	36845	36845	36845	N/A	24351	24351	24351
	16245 to 16805	36845	24351	24351	N/A	24351	24351	24351
Lube Filter - Bypass	16245 to 19884	N/A	N/A	N/A	N/A	27872	27872	27872
Fuel Filter with Drain	19885 & Up	36846	36846	36846	36846	36849	36849	36849
	16245 to 19884	36846	36846	36846	N/A	N/A	N/A	N/A
Fuel Filter In-Line	20265 & Up	59115	59115	59115	59115	N/A	N/A	N/A
Fuel Filter - Racor Option	16245 & Up	36107	36107	36107	36107	36107	36107	36107
Coolant Filter	24736 & Up	N/A	45674	45674	45674	45674	45674	45674
	21911 to 24735	45674 (optional)	45674	45674	N/A	45674	45674	45674
	16245 to 21910	45674	45674	45674	N/A	45674	45674	45674
Coolant Filter - Precharge	24736 & Up	N/A	34654	34654	34654	34654	34654	34654
	21911 & Up	34654 (optional)	34654	34654	N/A	34654	34654	34654
	16245 to 21910	34654	34654	34654	N/A	34654	34654	34654

** Several different fuel filters may be required depending on Model & Serial Number.

[1] All Wheel Drive

Hydraulics /Brakes

		Model						
		710 710A 716A[1]	720 720 VHP 720A 720A VHP 726A[1] 726A VHP[1]	730 730A 736A[1]	730 VHP 730A VHP 736A VHP[1]	740 740 VHP 740A 740A VHP	750A 750A VHP	780A 780A VHP
		Cummins Engine Type						
		6BT5.9	6CT8.3	6CT8.3	6CT8.3	L10/M11	L10/M11	L10/M11
Item	**Serial No. Range**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**
Hydraulic Pump Assembly	29550 & Up	97481	97481	97481	97481	97481	97481	97481
	24736 to 29549 **including:** 24483, 24598, 24599, 24619 & 24620	74230	74230	74230	74230	74230	74230	74230
	21386 to 24735	54741	54741	54741	N/A	54740	54740	54740
	20808 to 21385	54741	54741	54741	N/A	56018	56018	56018
	w/oil disc brakes	56019	56019	56019	N/A	56018	56018	56018
	20120 to 20807 **including:** 19982, 19984, 19985, 19996, 20005, 20104 & 20106	51966	51966	51966	N/A	41860	41860	41860
	18892 to 20119 **including:** 19887, 19889 & 19890 **excluding:** 19982, 19984, 19985, 19996, 20005, 20104 & 20106	51966	41860	41860	N/A	41860	41860	41860
	17933 to 18891 **excluding:** 19887, 19889 & 19890	41859	41860	41860	N/A	41860	41860	41860
	17382 to 17932 **including:** 17376, 17377 & 17378	34944	51966	51966	N/A	41860	41860	41860
	16798 to 17381 **excluding:** 17376, 17377 & 17378	51966	51966	51966	N/A	41860	41860	41860
	16245 to 16797 **including:** 16224	34944	27895	27895	N/A	27895	27895	27895
Transmission Hydraulic Pump	30811 & Up	401040	401040	401040	401040	401041	401041	401041
	24736 to 30810	74382	74382	74382	74382	74383	74383	74383
	20808 to 24735	54743	54743	54743	54743	54743	54743	54743
	excluding: 20808 to 21910	54742 (710A & AWD only)	54742 (720A & AWD only)	54742 (730A & AWD only)	N/A	54743	54743	54743

[1] All Wheel Drive

Hydraulics /Brakes
(continued)

	Model						
	710 710A 716A[1]	720 720 VHP 720A 720A VHP 726A[1] 726A VHP[1]	730 730A 736A[1]	730 VHP 730A VHP 736A VHP[1]	740 740 VHP 740A 740A VHP	750A 750A VHP	780A 780A VHP
	Cummins Engine Type						
	6BT5.9	6CT8.3	6CT8.3	6CT8.3	L10/M11	L10/M11	L10/M11
Item / **Serial No. Range**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**
Transmission Hydraulic Pump (cont'd)							
20120 to 20807 **including:** 19982, 19984, 19985, 19996, 20005, 20104 & 20106	55450 54742 (AWD)	54742 54742 (AWD)	55450 54742 (AWD)	N/A	55450	55450	55450
16798 to 20119 **excluding:** 19982, 19984, 19985, 19996, 20005, 20104, 20106, 17376, 17377, 17378, 17382 to 17932	55449 55534 (AWD)	55449 55534 (AWD)	55449 55534 (AWD)	N/A	55549	55534	55549
17382 to 17932 **including:** 17376, 17377, 17378	36574 55534 (AWD)	See Product Bulletin 461 55534 (AWD)	See Product Bulletin 461 55534 (AWD)	N/A	See Product Bulletin 461	See Product Bulletin 461	
16245 to 16797 **including:** 16224	36574	46443	46443	N/A	46443	46443	46443
Slave Cylinder Assembly							
26544 & Up	74930	74930	74930	74930	74930	74930	74930
22543 to 26553	62455	62455	62455	62455	62455	62455	62455
16245 to 22542 **including:** 16224	78009	78009	78009	N/A	78009	78009	78009

[1] All Wheel Drive

Hydraulics /Brakes

(continued)

		Model						
		710 710A 716A[1]	720 720 VHP 720A 720A VHP 726A[1] 726A VHP[1]	730 730A 736A[1]	730 VHP 730A VHP 736A VHP[1]	740 740 VHP 740A 740A VHP	750A 750A VHP	780A 780A VHP
		Cummins Engine Type						
		6BT5.9	6CT8.3	6CT8.3	6CT8.3	L10/M11	L10/M11	L10/M11
Item	**Serial No. Range**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**
Clutch Master Cylinder & Power Booster Assembly	28901 & Up **including:** 28887	97116	97116	97116	97116	97116	97116	97116
	22543 to 28900 **excluding:** 28887	66562	66562	66562	66562	66562	66562	66562
	16245 to 22542	49326	49326	49326	N/A	49326	49326	49326
Clutch Master Cylinder Assembly only	28901 & Up **including:** 28887	97117	97117	97117	97117	97117	97117	97117
	22543 to 28900 **excluding:** 28887	63180	63180	63180	63180	63180	63180	63180
	19451 to 22542	49327	49327	49327	N/A	49327	49327	49327
	17049 to 19450	43902 (no power booster)	43902 (no power booster)	43902 (no power booster)	N/A	49327	49327	49327
	16245 to 17048 **including:** 16224	36495	36495	36495	N/A	36495	36495	36495
Brakes Master Cylinder Assembly with Power Booster - Oil Disc Brakes	28402 & Up	87536	87536	87536	87536	87536	87536	87536
	24260 to 28401	73060	73060	73060	73060	73060	73060	73060
	21911 to 24259	56864 (12 volt)	56864 (12 volt)	56864 (12 volt)	N/A	56864 (12 volt)	56864 (12 volt)	56864 (12 volt)
		73060 (24 volt)	73060 (24 volt)	73060 (24 volt)	N/A	73060 (24 volt)	73060 (24 volt)	73060 (24 volt)
	21386 to 21910	56864	56864	56864	N/A	56864	56864	56864
	21134 to 21385	56864	56864	56864	N/A	56864	N/A	N/A
Brakes Master Cylinder Assembly with Power Booster - Drum Brakes	21386 to 21910	49337	49337	49337	N/A	49337	49337	49337
	21134 to 21385	49337	49337	49337	N/A	49337	N/A	N/A
	(continues)							

[1] All Wheel Drive

Hydraulics /Brakes

(continued)

		Model						
		710 710A 716A[1]	720 720 VHP 720A 720A VHP 726A[1] 726A VHP[1]	730 730A 736A[1]	730 VHP 730A VHP 736A VHP[1]	740 740 VHP 740A 740A VHP	750A 750A VHP	780A 780A VHP
		Cummins Engine Type						
		6BT5.9	6CT8.3	6CT8.3	6CT8.3	L10/M11	L10/M11	L10/M11
Item	**Serial No. Range**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**
Brakes Master Cylinder with Power Booster - Drum Brakes (cont'd)	19618 to 21133 **including:** 19431, 19432, 19458, 19565, 19566, 19568 to 19578, 19580 to 19589, 19591, 19592, 19594 to 19610, 19612 to 19614, & 19616	49337	49337	49337	N/A	49337	49337	49337
	16245 to 19617 **excluding:** 19431, 19432, 19458, 19565, 19566, 19568 to 19578, 19580 to 19589, 19591, 19592, 19594 to 19610, 19612 to 19614, 19616 **including:** 16224	49376 27053 Dual Master	49376 27053 Dual Master	49376 27053 Dual Master	N/A	49376 27053 Dual Master	49376 27053 Dual Master	49376 27053 Dual Master
Brakes Power Booster Assembly	28402 & Up	76284	76284	76284	76284	76284	76284	76284
	24736 to 28401 **including:** 24598, 24599, 24619 & 24620	58750	58750	58750	58750	58750	58750	58750
	16245 to 24735 **including:** 16224	84485	84485	84485	N/A	84485	84485	84485
Brakes Master Cylinder - Oil Disc Brakes	28402 & Up	76282	76282	76282	76282	76282	76282	76282
	21386 to 28401	58745	58745	58745	N/A	58745	58745	5874
	21134 to 21385	58745	58745	58745	N/A	58745	N/A	N/A

[1] All Wheel Drive

Hydraulics /Brakes

(continued)

		Model						
		710 710A 716A[1]	720 720 VHP 720A 720A VHP 726A[1] 726A VHP[1]	730 730A 736A[1]	730 VHP 730A VHP 736A VHP[1]	740 740 VHP 740A 740A VHP	750A 750A VHP	780A 780A VHP
		Cummins Engine Type						
		6BT5.9	6CT8.3	6CT8.3	6CT8.3	L10/M11	L10/M11	L10/M11
Item	**Serial No. Range**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**
Brakes Master Cylinder - Drum Brakes	21386 to 21910	53031	53031	53031	N/A	53031	53031	53031
	21134 to 21385	53031	53031	53031	N/A	53031	N/A	N/A
	19618 to 21133 **including:** 19431, 19432, 19458, 19565, 19566, 19568 to 19578, 19580 to 19589, 19591, 19592, 19594 to 19610, 19612 to 19614, 19616	53031	53031	53031	N/A	53031	53031	53031
	16245 to 19617 **excluding:** 19431, 19432, 19458, 19565, 19566, 19580 to 19589, 19591, 19592, 19594 to 19610, 19612 to 19614, & 19616 **including:** 16224	49310 28185 Dual Master	49310 28185 Dual Master	49310 28185 Dual Master	N/A	49310 28185 Dual Master	49310 28185 Dual Master	49310 28185 Dual Master
Brakes Reaction Disc	21134 & UP	37935	37935	37935	37935	37935	37935	37935
	16277 to 21133	66315	66315	66315	N/A	66315	66315	66315
Brakes Friction Disc	21134 & UP	37934	37934	37934	37934	37934	37934	37934
	16277 to 21133	63167	63167	63167	N/A	63167	63167	63167
Drum Shoes	16245 to 21907	51557 LH 51558 RH	51557 LH 51558 RH	51557 LH 51558 RH	N/A	51557 LH 51558 RH	51557 LH 51558 RH	51557 LH 51558 RH

[1] All Wheel Drive

Notes

Starters & Alternators

		Model						
		710 710A 716A[1]	720 720 VHP 720A 720A VHP 726A[1] 726A VHP[1]	730 730A 736A[1]	730 VHP 730A VHP 736A VHP[1]	740 740 VHP 740A 740A VHP	750A 750A VHP	780A 780A VHP
		Cummins Engine Type						
		6BT5.9	6CT8.3	6CT8.3	6CT8.3	L10/M11	L10/M11	L10/M11
Item	**Serial No. Range**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**
Starters	24736 & Up	65908 or 65908RM	84629 or 84312RM Supply No. 73053	84629 or 84312RM Supply No. 73053	84629 or 84312RM Supply No. 73053	65906 or 65906RM	65906 or 65906RM	65906 or 65906RM
	24260 to 24735	65908 or 65908RM	84629 or 84312RM	84629 or 84312RM	N/A	65906 or 65906RM	65906 or 65906RM	65906 or 65906RM
	16245 to 24259 **including:** 16224	65907 or 65907RM (12 volt)	65909 or 65909RM (12 volt)	65909 or 65909RM (12 volt)	N/A	65905 or 65905RM (12 volt)	65905 or 65905RM (12 volt)	65905 or 65905RM (12 volt)
		65908 (24 volt)	84629 or 84312RM (24 volt)	84629 or 84312RM (24 volt)	N/A	65906 or 65906RM (24 volt)	65906 or 65906RM (24 volt)	65906 or 65906RM (24 volt)
Alternator	24260 & Up	68207 or 68207RM	68208 or 68208RM	68208 or 68208RM	68208 or 68208RM	68208 or 68208RM	68208 or 68208RM	68208 or 68208RM
	19982 to 24259	54960 or 54960RM (12 volt)	57327 or 57327RM (12 volt)	57327 or 57327RM (12 volt)	N/A	57327 or 57327RM (12 volt)	57327 or 57327RM (12 volt)	57327 or 57327RM (12 volt)
		42860 or 42860RM (24 volt)	42860 or 42860RM (24 volt)	42860 or 42860RM (24 volt)		42860 or 42860RM (24 volt)	42860 or 42860RM (24 volt)	42860 or 42860RM (24 volt)
	16245 to 19981 **including:** 16224	54960 or 54960RM	57327 or 57327RM	57327 or 57327RM	N/A	57327 or 57327RM	57327 or 57327RM	57327 or 57327RM
		42094 or 42094RM (12 volt optional)						
		61066 (24 volt)	61066 (24 volt)	61066 (24 volt)		61066 (24 volt)	61066 (24 volt)	61066 (24 volt)

[1] All Wheel Drive

Notes

Transmissions, Clutches, Driveshafts and U-Joints

		Model						
		710 710A 716A[1]	720 720 VHP 720A 720A VHP 726A[1] 726A VHP[1]	730 730A 736A[1]	730 VHP 730A VHP 736A VHP[1]	740 740 VHP 740A 740A VHP	750A 750A VHP	780A 780A VHP
		Cummins Engine Type						
		6BT5.9	6CT8.3	6CT8.3	6CT8.3	L10/M11	L10/M11	L10/M11
Item	**Serial No. Range**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**
Transmission Shifter Assembly with Circuit Board	27596 & Up **including:** 27314 to 27318, & 26677	87521	87521	87521	87521	87521	87521	87521
Transmission Shifter Assembly without Circuit Board	27596 & Up **including:** 27314 to 27318, & 26677	76277	76277	76277	76277	76277	76277	76277
Transmission Controller Assembly	27319 to 27595, 26678 to 27313, 24736 to 26676, **including:** 24483, 24598, 24599, 24619 & 24620	78509	78509	78509	78509	78509	78509	78509
	24260 to 24736 **excluding:** 24483, 24598, 24599, 24619 & 24620	73069	73069	73069	N/A	73069	73069	73069
	20719 to 24260	68736 (12 volt)	68736 (12 volt)	68736 (12 volt)		68736 (12 volt)	68736 (12 volt)	68736 (12 volt)
		65204 (24 volt)	65204 (24 volt)	65204 (24 volt)		65204 (24 volt)	65204 (24 volt)	65204 (24 volt)
	16245 to 20718 **including:** 16224	88273	88273	88273	N/A	88273	88273	88273
Transmission Assembly	24736 & Up **including:** 24483, 24598, 24599, 24619 & 24620	88274	88274	88274	88274	88274	88274	88274
	23752 to 24736	74033	74033	74033	N/A	74033	74033	74034
	23204 to 23751	62810	62810	62810	N/A	62810	62810	62811
	22721 to 23204	74033	74033	74033	N/A	74033	74033	68155
	21450 to 22721	74033	74033	74033	N/A	74033	74033	58684RM

[1] All Wheel Drive

Transmissions, Clutches, Driveshafts and U-Joints

(continued)

		Model						
		710 710A 716A[1]	720 720 VHP 720A 720A VHP 726A[1] 726A VHP[1]	730 730A 736A[1]	730 VHP 730A VHP 736A VHP[1]	740 740 VHP 740A 740A VHP	750A 750A VHP	780A 780A VHP
		Cummins Engine Type						
		6BT5.9	6CT8.3	6CT8.3	6CT8.3	L10/M11	L10/M11	L10/M11
Item	**Serial No. Range**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**
Transmission Assembly (cont'd)	21053 to 21449 **excluding:** 21159 to 21167	88275	88275	88275	N/A	88275	88275	58118RM
	20719 to 21052 **excluding:** 20731	88275	88275	88275	N/A	88275	88275	58077RM
	20242 to 20718 **excluding:** 20243 to 20249, 20251, 20252, 20254, 20255, 20257, 20258, 20259, 20261, 20262, 20263, & 20264	74033	74033	74033	N/A	74033	74033	54607RM
	18878 to 20241 **including:** 20243, 20244, 20246 to 20249, 20251, 20252, 20254, 20255, 20257 to 20259, 20261, & 20264	74033	74033	74033	N/A	74033	74033	49795RM
	18211 to 18877 **including:** 18179	74033	74033	74033	N/A	74033	74033	37791RM
	16748 to 18210 **excluding:** 18179	74033	74033	74033	N/A	74033	74033	29954RM
	16245 to 16747 **including:** 16224	74033	74033	74033	N/A	74033	74033	74033
Clutch Assembly	24736, & Up **including:** 24483, 24598, 24599, 24619, 24620	74039	74039	74039	37677	37677	37677	37677
	19651 to 24735 **excluding:** 22629, 22637, 22645, 22660, 22664, 22666, 22678, & 22689	37677	37677	37677	N/A	37677	37677	37677

[1] All Wheel Drive

Transmissions, Clutches, Driveshafts and U-Joints

(continued)

		Model						
		710 710A 716A[1]	720 720 VHP 720A 720A VHP 726A[1] 726A VHP[1]	730 730A 736A[1]	730 VHP 730A VHP 736A VHP[1]	740 740 VHP 740A 740A VHP	750A 750A VHP	780A 780A VHP
		Cummins Engine Type						
		6BT5.9	6CT8.3	6CT8.3	6CT8.3	L10/M11	L10/M11	L10/M11
Item	**Serial No. Range**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**
Clutch Assembly (cont'd)	19340 to 19650	37677	37677	37677	N/A	N/A	N/A	N/A
	16245 to 19339 **including:** 16244 U.S# 2021-2 to 2658-2	36529	36529	36529	N/A	N/A	N/A	N/A
Upper Driveshaft Assembly	24736 & Up **including:** 24483, 24598, 24599, 24619 & 24620	14031	14031	14031	14031	14031	14031	14031
	21911 to 24735 **excluding:** 24483, 24598, 24599, 24619, 24620	40051	14031	14031	N/A	14031	14031	14031
Lower Driveshaft Assembly	24736 & Up **including:** 24483, 24598, 24599, 24619 & 24620	48520	48520	48520	48520	48520	48520	48520
	16245 to 24735 **excluding:** 24483, 24598, 24599, 24619 & 24620	48526	48520 40094 (Rigid)	48520 40094 (Rigid)	N/A	48520 40094 (Rigid)	48520 40094 (Rigid)	48520 40094 (Rigid)
Universal Joints								
Upper Driveshaft Transmission End	16245 & Up **including:** 16224	37134	37134	37134	37134	37134	37134	37134
Upper Driveshaft Engine End	16245 & Up **including:** 16224	37134	37134	37134	37134	37134	37134	37134
Lower Driveshaft Final Drive End	16245 & Up **including:** 16224	37140	37140	37140	37140	37140	37140	37140
Lower Driveshaft Transmission End	22476 & Up	49335	49335	49335	49335	49335	49335	49335
	21911 to 22475	49335	49335	49335	N/A	49335	37140	37140
	16245 to 21910 **including:** 16224	37140	37140	37140	N/A	37140	37140	37140

[1] All Wheel Drive

Notes

Edges

Moldboards with 5/8 in. diameter bolt size

Length	5/8 in. x 6 in. Heat Treated Alloy Edge	5/8 in. x 6 in. High Carbon Edge	3/4 in. x 8 in. Carbon Edge	1 in. X 8 in. Heat Treated Edge	1 in. x 8 in. Carbon Edge	7/8 in. x 5 1/4 in. Carbide Edge	7/8 in. x 4 1/2 in. Carbide Edge
2 ft.	75527	47		75529	14305	75530	23230
3 ft.						75536	19809
4 ft.						75537	23232
6 ft.	75438	42P	14398	75443	14303P		
7 ft.	75439	7686P	14399	75442	14304		
8 ft.		7687			14712		

End Shoes & Bits

	End Shoe	Overlay End Bit RH	Overlay End Bit LH
22 in. Moldboard	7440	68324	68325
26 in. Moldboard	7441	68326	68327

Moldboards with 3/4 in. diameter bolt size

Length	5/8 in. x 6 in. Heat Treated Edge	5/8 in. x 6in. Carbon Edge	1 in. x 8 in. Heat Treated Edge	1 in. x 8 in. Carbon Edge	3/4 in. x 5 in. Carbide Edge	3/4 in. x 6 in. Carbide Edge	7/8in" x 6in Carbide Edge
2 ft.	75526		75528		44976	33537	33540
3 ft.					44977	33548	33546
4 ft.					44978	33545	33549
6 ft.	44970	33526		28042			
7 ft.	44971	33525	75441				
8 ft.			75440				

End Shoes & Bits

	End Shoe	End Bit RH	End Bit LH
22 in. Moldboard	33511	33529	33530
26 in. Moldboard	33512	68328	68329

Edges (continued)

Cutting Edge Kits

Size of Moldboard	Kit Number
5/8in diameter bolt size	
22 in. x 12 ft. Moldboard	88237
22 in. x 14 ft. Moldboard	88238
26 in. x 12 ft. Moldboard	88239
26 in. x 13 ft. Moldboard	88240
26 in. x 14 ft. Moldboard	88241

Size of Moldboard	Kit Number
3/4 in. diameter bolt size	
26 in. x 14 ft. Moldboard	88242
26 in. x 16 ft. Moldboard	88243

Contents of Cutting Edge Kits

	Edge Kit						
	88237	88238	88239	88240	88241	88242	88243
Part No.	**Contents**						
75438 Edge	2		2	1			
75439 Edge		2		1	2		
75440 Edge							2
75441 Edge						2	
7440P End Shoe	2	2					
7441P End Shoe			2	2	2		
33512 End Shoe						2	2
69361 Washer	32	36	32	34	36		
69360 Washer						36	40
30A-10zi 5/8 in. nut	32	36	32	34	36		
30A-12zi 3/4 in. nut						36	40
40F-1020 5/8 in. x 2 1/2 in. bolt	32	36	32	34	36		
40F-1220 3/4 in. x 2 1/2 in. bolt						36	
40F-1224 3/4 in. x 3 in. bolt						30	34

Bulldozer Edges	Part No.
8 Feet Standard	23722
9 Feet Standard	23723
5/8 in. x 96 in. Carbide	23724
9 Feet Carbide	23725

One way Plow Edges	Part No.
Edge	23671
Edge	54518
Edge	58777

"V" Plow Edges	Part No.
9 ft. Standard	23729
10 ft. Standard	23730
9 ft.	73683
19 ft.	73684

Wing Edges	Part No.
1/2 in. Thick	23733
Outer Carbide LH	23734
Inner Carbide	23735
5/8 in. Thick	23736
Outer Carbide RH	24171

Bolt Sizes

Bolt Sizes	Length				Washer	Nut
	2 1/4 in.	2 1/2 in.	3 in.	3 1/2 in.		
5/8 in. dia	40F-1018	40F-1020	40F-1024	40F-1028	69361	30A-10zi
3/4 in. dia.		40F-1220	40F-1224	40F-1228	69360	30A-12zi

Cylinder Repair Kits

		Model						
		710 710A 716A[1]	720 720 VHP 720A 720A VHP 726A[1] 726A VHP[1]	730 730A 736A[1]	730 VHP 730A VHP 736A VHP[1]	740 740 VHP 740A 740A VHP	750A 750A VHP	780A 780A VHP
		Cummins Engine Type						
		6BT5.9	6CT8.3	6CT8.3	6CT8.3	L10/M11	L10/M11	L10/M11
Item	**Serial No. Range**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**
Steering Cylinders	22688 & Up	404016	404016	404016	404016	404016	404016	404016
	19237 to 22687	48870	48870	48870	N/A	48870	48870	48871
	16893 to 19236	42975	42975	42975	N/A	42975	42975	N/A
	16245 to 16892	26408	26408	26408	N/A	26408	26408	N/A
Wheel Lean Cylinders - 4 in.	22688 & Up	89134	89134	89134	89134	89134	89134	89134
	19601 to 22687 **including:** 18802	48953	48953	N/A	N/A	N/A	N/A	48954
	16809 to 19601	43182	43182	N/A	N/A	N/A	N/A	23711
	16245 to 16808	26409	26409	N/A	N/A	N/A	N/A	N/A
Wheel Lean Cylinders - 3 in.	22688 & Up	404016 (optional)	404016 (optional)	404016	404016	404016	N/A	N/A
	19601 to 22687 **including:** 18802	48870 (optional)	48870 (optional)	48870	N/A	48870	48870	48870
	16809 to 19600 **excluding:** 18802	N/A	N/A	42975	N/A	42975	N/A	N/A
	16245 to 16808	N/A	N/A	26408	N/A	26408	26408	N/A

[1] All Wheel Drive

Cylinder Repair Kits
(continued)

		Model						
		710 710A 716A[1]	720 720 VHP 720A 720A VHP 726A[1] 726A VHP[1]	730 730A 736A[1]	730 VHP 730A VHP 736A VHP[1]	740 740 VHP 740A 740A VHP	750A 750A VHP	780A 780A VHP
		Cummins Engine Type						
		6BT5.9	6CT8.3	6CT8.3	6CT8.3	L10/M11	L10/M11	L10/M11
Item	**Serial No. Range**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**
Circle Turn Cylinders	22688 & Up	404016	404016	404016	404016	404016	404016	404016
	19237 to 22687	48870	48870	48870	N/A	48870	48870	48870
	16806 to 19236 Heavy Duty	42975	42975	42975	N/A	42975 26408	42975 26408	42975 26408
	16245 to 16805	26408	26408	26408	N/A	26408	26408	26408
Circle Shift Cylinders - Fixed Point	22688 & Upp	89134	89134	89134	89134	89134	89134	89134
	19055 to 22687	48953	48953	48953	N/A	48953	48953	48953
	17430 to 19054	43182	43182	43182	N/A	43182	43182	43182
	16245 to 17429	26409	26409	26409	N/A	26409	26409	26409
Circle Shift Cylinders Moveable Point	22688 & Up	89134	89134	89134	89134	89134	89135	89135
	18592 to 22687 **including:** 18578 & 18590	48954	48954	48954	N/A	48954	48954	48954
Slide Shift Cylinders	22688 & Up	89134	89134	89134	89134	89134	89134	89134
	19237 to 22687	48953	48953	48953	N/A	48953	48953	48953
	17430 to 19236	43182	43182	43182	N/A	43182	43182	43182
	16245 to 17429	26409	26409	26409	N/A	26409	26409	26409

[1] All Wheel Drive

Cylinder Repair Kits
(continued)

		Model						
		710 710A 716A[1]	720 720 VHP 720A 720A VHP 726A[1] 726A VHP[1]	730 730A 736A[1]	730 VHP 730A VHP 736A VHP[1]	740 740 VHP 740A 740A VHP	750A 750A VHP	780A 780A VHP
		Cummins Engine Type						
		6BT5.9	6CT8.3	6CT8.3	6CT8.3	L10/M11	L10/M11	L10/M11
Item	**Serial No. Range**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**
Blade Lift Cylinders Fixed Point	22688 & Up	89134	89134	89134	89134	89134	89135	89135
	19237 to 22687	48953	48953	48953	N/A	48953	49120	49120
	17430 to 19236	43182	43182	43182	N/A	43182	43182	44125
	16809 to 17429	44124	44124	44124	N/A	44124	44124	44125
	16245 to 16808 Heavy Duty Option	26409 N/A	26409 N/A	26409 N/A	N/A N/A	26409 44123	26409 44123	44123 44123
Blade Lift Cylinders Moveable Point	22688 & Up	89134	89134	89134	89134	89134	89135	89135
	17430 to 22687	46622	46622	46622	N/A	46622	46622	46622
Lock Cylinder Moveable Point	22429 to 24735	62652	62652	62652	N/A	62652	62652	62652
	20719 to 22428	54436	54436	54436	N/A	54436	54436	54436
	19543 to 20718	53100	53100	53100	N/A	53100	53100	53100
	17430 to 19542	49158	49158	49158	N/A	49158	49158	49158
Blade Tilt Cylinders	22688 & Up	89134	404016	404016	404016	404016	404016	404016
	19819 to 22687	48953	48870	48870	N/A	48870	48870	48870
	19237 to 19818	44277	48870	48870	N/A	48870	48870	48870
	18592 to 19236 including: 18578, 18590 & 18592	44277	42975	42975	N/A	42975	42975	42975
	17430 to 18591	44277	26408	26408	N/A	26408	42975	42975
	16806 to 17429	44277	26408	26408	N/A	26408	26408	26408
	16425 to 16805	26409	26408	26408	N/A	26408 (optional 44136)	26408 (optional 44136)	26408 (optional 44136)

[1] All Wheel Drive

Cylinder Repair Kits
(continued)

		Model						
		710 710A 716A[1]	720 720 VHP 720A 720A VHP 726A[1] 726A VHP[1]	730 730A 736A[1]	730 VHP 730A VHP 736A VHP[1]	740 740 VHP 740A 740A VHP	750A 750A VHP	780A 780A VHP
		Cummins Engine Type						
		6BT5.9	6CT8.3	6CT8.3	6CT8.3	L10/M11	L10/M11	L10/M11
Item	**Serial No. Range**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**
Articulation Cylinders	25530 & Up	89136	89136	89137	89137	89137	89137	89137
	24736 to 25529	89137	89137	89137	89137	89137	89137	89137
	22690 to 24735 **including:** 22688	63196	63196	63196	N/A	63196	63196	63196
	20017 to 22689 **excluding:** 22688	48953	54436	54436	N/A	54436	54436	54436
	19237 to 20016	48953	49158	49158	N/A	49158	49158	49158
	19103 to 19236 **including:** 19061 & 19062	48953	26410	26410	N/A	26410	26410	26410
	16245 to 19102	26409	26410	26410	N/A	26410	26410	26410
Scarifier Cylinders	22688 & Up **excluding:** 22689	89134	89134	89134	89134	89134	89134	89134
	19258 to 22687	48953	48953	48953	N/A	48953	48953	48953
	18096 to 19257	43182	43182	43182	N/A	43182	43182	43182
	16245 to 18095	26409	26409	26409	N/A	26409	26409	26409
Plow & Dozer Cylinders	22688 & Up	89134	89134	89134	89134	89134	89134	89134
	19314 to 22687	48953	48953	48953	N/A	48953	48953	48953
	18096 to 19313	43182	43182	43182	N/A	43182	43182	43182
	16245 to 18095	26409	26409	26409	N/A	26409	26409	26409

[1] All Wheel Drive

Cylinder Repair Kits
(continued)

		Model						
		710 710A 716A[1]	720 720 VHP 720A 720A VHP 726A[1] 726A VHP[1]	730 730A 736A[1]	730 VHP 730A VHP 736A VHP[1]	740 740 VHP 740A 740A VHP	750A 750A VHP	780A 780A VHP
		Cummins Engine Type						
		6BT5.9	6CT8.3	6CT8.3	6CT8.3	L10/M11	L10/M11	L10/M11
Item	**Serial No. Range**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**	**Part No.**
Wing Lift Cylinders - Front Mast	22688 & Up	404016	404016	404016	404016	404016	404016	404016
	18996 to 22687	48870	48870	48870	N/A	48870	48870	48870
	16245 to 18995	26408	26408	26408	N/A	26408	26408	26408
Wing Lift Cylinders - Rear Mast	22688 & Up	89134	89134	89134	89134	89134	89134	89134
	18996 to 22687	48953	48953	48953	N/A	48953	48953	48953
	16245 to 18995	26409	26409	26409	N/A	26409	26409	26409
Rear Mast Slide Cylinders	24736 & Up	404016	404016	404016	404016	404016	404016	404016
	18996 to 24735	48870	48870	48870	N/A	48870	48870	48870
	16245 to 18995	26408	26408	26408	N/A	26408	26408	26408
Ripper Cylinders	22688 & Up **excluding:** 22689	89134	89134	89134	89134	89134	89134	63194
	19209 to 22687	48953	48953	48953	N/A	48953	48953	48953
	16245 to 19208	26409 (optional 44392)	26409 (optional 44392)	26409 (optional 44392)	N/A	26409 (optional 44392)	26409 (optional 44392)	26409 (optional 44392)
Windrow Eliminator Cylinders	22688 & Up	404016	404016	404016	404016	404016	404016	404016
	18842 to 22687	48615	48615	48615	N/A	48615	48615	48615
	16245 to 18841	26408	26408	26408	N/A	26408	26408	26408
Hydraulic Snow Wing	26956 & Up	97497	97497	97497	97497	97497	97497	97497

[1] All Wheel Drive

Notes