580 SUPER E
Construction King
Loader Backhoe

Parts Catalog

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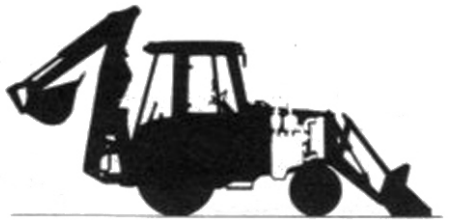
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PICTORIAL SECTION INDEX



GENERAL 1

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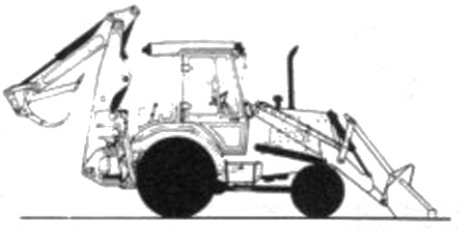
POWER TRAIN 6



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Diag #	Part #	Name	Description	Qty
1	A171080	RADIATOR	RADIATOR engine cooling, models with air conditioning	1
1A	A171356	RADIATOR	RADIATOR engine cooling, models without air conditioning	1
2	A170241	RADIATOR CAP	CAP, RADIATOR, Filler, 15 psi	1
3	217-92	COCK	VALVE drain	1
4	REF	INSTRUCTION	BAFFLE radiator, top, cut from D92228, see below, base size is 5-5/16" (135 mm) x 24-5/8" (625 mm)	1
5	REF	INSTRUCTION	BAFFLE radiator, sides, cut from D92228, see below, base size is 3-3/4" (95 mm) x 22-1/4" (565 mm)	2
7	REF	INSTRUCTION	BAFFLE radiator, lower front, cut from D92228, see below, base size is 1" (25 mm) x 25-3/16" (640 mm)	1
8	A173165	SEAL	SEAL radiator, upper and lower	2
9	113-233	BOLT	BOLT, Hex, 3/8"-16 x 1 3/4", G5	2
10	D52275	WASHER	WASHER flat, special	6
11	D52276	ISOLATOR	INSULATOR vibration, rubber	2
12	131-52	LOCK NUT	NUT hex, self locking, plated, 3/8" - 16 NC	2
13	A170665	STABILIZER	STRAP radiator, mounting, side	2
14	113-208	BOLT	BOLT, Hex, 3/8"-16 x 1 1/4", G5, Full Thd	3
15	113-209	BOLT	BOLT, Hex, 3/8"-16 x 1 1/2", G5	1
16	195-104	WASHER	WASHER flat, plated, 3/8"	4
17	131-52	LOCK NUT	NUT hex, self locking, plated, 3/8" - 16 NC	4
17A	D125868	MOUNTING CLIP	SUPPORT mechanical tachometer drive cable to radiator, if used	1
18	A171002	DEFLECTOR	SHROUD radiator	1
19	A171518	TANK	RESERVOIR coolant recovery bottle, used with A171177 cap, item 20, if used	1
19A	A171805	RESERVOIR	RESERVOIR coolant recovery bottle, used with A171775 cap, item 20A, or A184079 tethered cap, item 20B, if used	1
20	A171177	PLUG	CAP snap on, reservoir, used with A171518 reservoir, item 19, if used	1
20A	A171775	CAP	CAP screw on, reservoir, used with A171805 reservoir, item 19A, no longer used, order A184079 tethered cap	1
20B	A184079	CAP	CAP tethered, screw on, reservoir, used with A171805 reservoir, if used	1

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Diag #	Part #	Name	Description	Qty
1	D124538	FUEL TANK	FUEL TANK diesel fuel	1
2	A51390	CAP	CAP fuel tank, Ref #3, spongy, rubber strip, is not listed in the text, however is shown in the picture. The part number is D86157. This is per a 480E which uses the same fuel tank.	1
4	D93351	FOAM	STRIP sponge rubber, bottom	2
5	217-81	VALVE	VALVE fuel tank drain	1
	D74027	VALVE	SHUTOFF VALVE ASSEMBLY, fuel tank outlet, Includes: Ref. 6 - 8	1
6	NSS	NOT SERVICED SEPARATELY	BODY shutoff valve	1
7	222-654	SLEEVE	SLEEVE fitting	1
8	222-664	TUBE NUT	NUT compression, fitting	1
9	D126696	TUBE	TUBE engine supply	1
	222-95	ELBOW	ELBOW ASSEMBLY, tube, 45 degree, Includes: Ref. 10 - 12	1
10	NSS	NOT SERVICED SEPARATELY	BODY elbow	1
11	222-104	SLEEVE	SLEEVE fitting, for 3/8" (9.53 mm) tube	1
12	222-114	TUBE NUT	NUT compression, fitting, for 3/8" (9.53 mm) tube	1
13	D72098	HOSE	HOSE, 0.25" ID x 17.00", SAE 30R6 or SAE 30R7, Engine Return	1
13A	D126828	GUARD	GUARD tube, return	1
14	214-274	HOSE CLAMP	HOSE CLAMP, #4, 0.25/0.62 Type F Worm, tube	2
15	217-294	FITTING	FITTING barb, 90 degree	1
16	D83480	TRANSMITTER	SENDER fuel level gauge	1
17	193-1000	NUT	NUT AND LOCK WASHER plated, No.10 - 32 NF	1
18	A11822	GASKET	GASKET fuel sender	1
19	D75465	SCREW	SCREW special sealing	5

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Diag #	Part #	Name	Description	Qty
1	A145205	BATTERY	BATTERY 12 volt, order BMF31E battery, see note, For use on models without a cold start system. For models with a cold start system, See Figure 104.	1
2	115-218	BOLT	BOLT, Hex, 3/8"-16 x 10", G2	2
3	D55561	RETAINER	RETAINER battery hold down, see note, For use on models without a cold start system. For models with a cold start system, See Figure 104.	1
3A	D125079	BRACKET	BRACKET battery hold down, see note, For use on models without a cold start system. For models with a cold start system, See Figure 104.	2
4	195-525	WASHER	WASHER flat, plated, 3/8"	2
5	131-52	LOCK NUT	NUT hex, self locking, plated, 3/8" - 16 NC	2
6	D93030	BOX	BOX battery, see note, For use on models without a cold start system. For models with a cold start system, See Figure 104.	1
7	D86490	COVER	COVER battery box, For use on models without a cold start system. For models with a cold start system, See Figure 104.	1
8	113-208	BOLT	BOLT, Hex, 3/8"-16 x 1 1/4", G5, Full Thd	2
9	192-21	LOCK WASHER	WASHER, LOCK, 3/8"	4
10	195-525	WASHER	WASHER flat, plated, 3/8"	2
11	193-72	WASHER	WASHER internal external tooth lock, plated, 3/8"	6
12	129-103	TUBE NUT	NUT, 3/8"-16, G5	7
13	D83485	CABLE	STRAP negative, at battery, see note, For use on models without a cold start system. For models with a cold start system, See Figure 104.	1
14	D73383	STRAP	STRAP negative, frame and chassis to starter, 13", 330 mm, long, uses strap at starter with 10 mm mounting hardware	1
14A	D127018	STRAP	STRAP negative, mounts from chassis to cylinder block, 13", 330 mm, long, uses 12 mm mounting bolt, item 15, if used	1
15	814-12025	BOLT	BOLT hex head, plated, 12 mm - 1.75 x 25 mm (8.8) if used	1
16	192-23	LOCK WASHER	WASHER, LOCK, 1/2", If used	1
17	193-87	LOCK WASHER	WASHER, LOCK, Ext-Int Tooth, 1/2", If used	1

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Diag #	Part #	Name	Description	Qty
1	A62210	PLUG	CAP steering wheel	1
2	D26115	O-RING	O RING cap	1
3	F19646	SPECIAL NUT	NUT steering wheel retaining	1
4	A65544	STEERING WHEEL	STEERING WHEEL - Tractor	1
5	D91505	PUMP	VALVE control, steering, includes steering column, See Figure 160	1
6	D66844	PADDING	COLLAR steering column	1
7	D66049	CLAMP	CLAMP steering column	1
8	113-103	BOLT	BOLT, Hex, 5/16"-18 x 1", G5, Full Thd	2
9	192-20	LOCK WASHER	WASHER, LOCK, 5/16"	2
10	D94995	BRACKET	BRACKET steering column support	1
11	113-207	BOLT	BOLT, Hex, 3/8"-16 x 1", G5, Full Thd	2
11A	113-208	BOLT	BOLT, Hex, 3/8"-16 x 1 1/4", G5, Full Thd	1
11B	195-525	WASHER	WASHER flat, plated, 3/8"	2
12	192-21	LOCK WASHER	WASHER, LOCK, 3/8"	3
13	129-103	TUBE NUT	NUT, 3/8"-16, G5	1
14	D83767	SPARE PART	PLATE control valve, top, 5/16" (8 mm) thick, no longer used,	1
14A	D132593	SPARE PART	PLATE control valve, top, 1/8" (3 mm) thick, Replaces items 14 and 15	1
15	D83770	SEAL	SEAL control valve plate, used with D83767 plate, item 14, only	1
15A	REF	INSTRUCTION	SEALANT .3 oz (9 ml) required with item 14A plate on cab models only, not shown	1
16	113-209	BOLT	BOLT, Hex, 3/8"-16 x 1 1/2", G5, Used with items 14 and 15	2
16A	113-206	BOLT	BOLT, Hex, 3/8"-16 x 3/4", G5, Full Thd, Used with item 14A plate	2
17	D52275	WASHER	WASHER special, hardened, used with items 14 and 15	2
17A	195-525	WASHER	WASHER flat, plated, 3/8", used with item 14A plate	2
18	D52276	ISOLATOR	INSULATOR control valve plate, used with items 14 and 15	2
19	131-52	LOCK NUT	NUT hex, self locking, plated, 3/8" - 16 NC	2
20	166-23	12 PT SCREW	BOLT Ferry head, grade 8, control valve mounting, 5/16" - 18 NC x 5/8"	4
21	192-20	LOCK WASHER	WASHER, LOCK, 5/16"	4
22	D86426	PLATE	PLATE control valve, bottom	1

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Diag #	Part #	Name	Description	Qty
1	D48445	HOUSING	HOUSING torque converter	1
2	814-10030	BOLT	Hex, M10 x 30, 8.8, BOLT, Hex, M10 x 30, 8.8	11
3	814-10035	BOLT	Hex, M10 x 35, 8.8, Full Thd, BOLT, Hex, M10 x 35, 8.8, Full Thd, plated	1
4	892-1110	LOCK WASHER	M10, WASHER lock, plated, 10 mm	12
5	D81693	CONVERTER	CONVERTER torque, transmission	1
	103293A1R	REMAN-TORQUE CONVERTER	Remanufactured, TORQUE CONVERTER, For N.A. Only	1
	103293A1C	CORE-TORQUE CONVERTER	Return Number, For N.A. Only	1
6	D131147	FLANGE	PLATE torque converter, hardened	1
7	121-103	BOLT	Hex, Lock, 5/16"-18 x 5/8", BOLT - special, grade 8, torque converter mounting, 5/16" - 18 NC x 5/8"	6
8	A15672	WASHER	WASHER flat, special	6
9	D81592	PLATE	PLATE torque converter drive	1
10	121-203	BOLT	Hex, Lock, 3/8"-24 x 1/2", BOLT special, grade 8, drive plate mounting, 3/8" - 24 NF x 1/2"	6
11	D128411	BUSHING	SPACER, 3/32" torque converter, thick, used with item 12 wave washer, no	1
12	G49413	WASHER	WASHER wave, used with item 11 spacer only	1
13	D135817	SPACER	SPACER, 9/16" thick, torque converter, if used	1

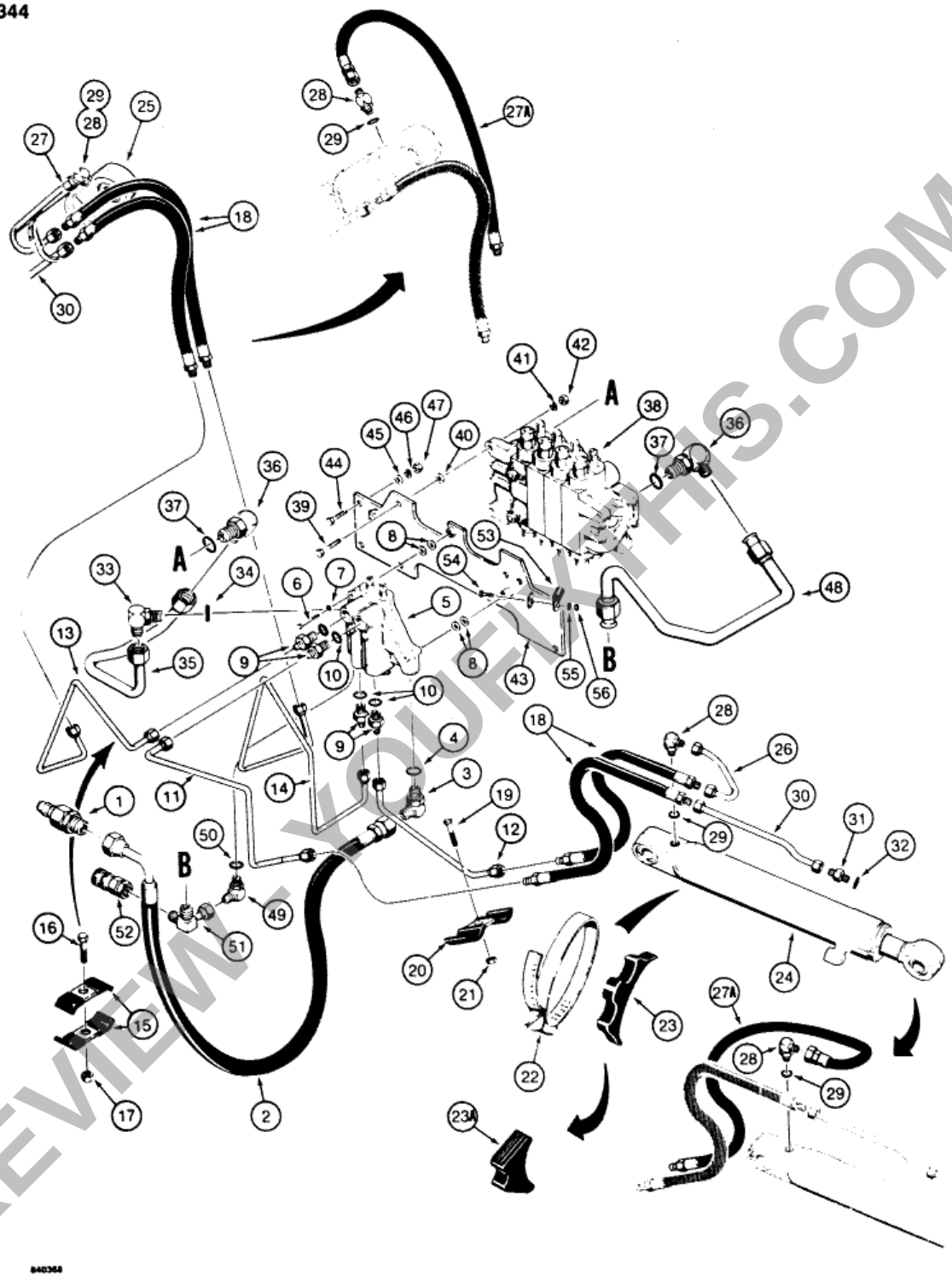
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Diag #	Part #	Name	Description	Qty
1	D89795	BRACKET	BRACKET brake pedal and master cylinder mounting before tractor PIN 9869266	1
1A	D127611	BRACKET	BRACKET brake pedal and master cylinder mounting on tractor 9869266 and after.	1
1B	D67915	GROMMET	GROMMET rubber, used with item 1A only	1
2	113-207	BOLT	BOLT, Hex, 3/8"-16 x 1", G5, Full Thd	2-4
2A	113-2225	BOLT	BOLT, Hex, 3/8"-16 x 1 3/8", G5, Upper mounting holes only on models with transaxle vent hose system, See Figure 294	2
3	192-21	LOCK WASHER	WASHER, LOCK, 3/8"	4
4	195-525	WASHER	WASHER flat, plated, 3/8"	4
4A	195-525	WASHER	WASHER flat, plated, 3/8", upper left hand mounting hole only on models with transaxle vent hose system, See Figure 294	1
4B	129-103	TUBE NUT	NUT, 3/8"-16, G5, Upper LH mounting hole only on models with transaxle vent hose system, See Figure 294	1
5	85-628	SPARE PART	SCREW set, square head, 3/8" - 16 NC x 1-3/4", cup point	1
6	129-103	TUBE NUT	NUT, 3/8"-16, G5	1
7	D84355	SHAFT	SHAFT pedal	1
8	113-208	BOLT	BOLT, Hex, 3/8"-16 x 1 1/4", G5, Full Thd	1
9	195-525	WASHER	WASHER flat, plated, 3/8"	1
10	131-52	LOCK NUT	NUT hex, self locking, plated, 3/8" - 16 NC	1
11	195-2125	WASHER	WASHER flat, pedal shaft, 1-1/4" bolt size, 1-5/16" ID x 2" OD x 1/8" thick	1
12	D89845	SPACER	SPACER pedal, outer	2
13	D94176	SPACER	SPACER pedal, center	1
14	D90654	PEDAL	PEDAL brake, right hand	1
15	D90751	PEDAL	PEDAL brake, left hand, includes pedal lock	1
16	219-31	LUBE NIPPLE	FITTING grease, 30 degree, 1/8" NPT, special short	2
17	REF	INSTRUCTION	CYLINDER master, brake, for correct assembly and components, See Figures 296 and 298	2
18	113-208	BOLT	BOLT, Hex, 3/8"-16 x 1 1/4", G5, Full Thd	4
19	113-209	BOLT	BOLT, Hex, 3/8"-16 x 1 1/2", G5, Lower	2

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Diag #	Part #	Name	Description	Qty
1	D120738	CHASSIS	CHASSIS tractor, with decals, two wheel drive models, Parker loader control valve is used with this chassis, Includes: Ref. 2 - 4	1
1	D126815	CHASSIS	CHASSIS tractor, with decals, may have bracket or stud for mounting chassis cover, Ref. 5 to upright, two wheel drive models, not shown, Case loader control valve is used with this chassis, Includes: Ref. 2 -	1
1	D123781	CHASSIS	CHASSIS tractor, with decals, four wheel drive models, also includes Ref. 8, 12, and 13, See Figure 210, not shown, Parker loader control valve is used with this chassis, Includes: Ref. 2 - 4	1
1	D126816	CHASSIS	CHASSIS tractor, with decals, may have bracket or stud for mounting chassis cover, Ref. 5 to upright, four wheel drive models, also includes Ref. 8, 12, and 13, See Figure 210, not shown, Case loader control	1
2	D37443	BUSHING	BUSHING loader frame pivot, two or four wheel drive models	2
3	D43940	BUSHING	BUSHING front axle mounting, two wheel drive models only	2
4	D123893	PLUG	PLUG drain, hydraulic reservoir, hex head, 3/4" NPT	1
5	D125196	CAP	COVER chassis, may have bolt holes only, side slots only, or bolt holes and side slots for mounting to chassis upright, if cover has slots and holes also order, 2, P/N 353-406 plugs, Ref. 7A	1
6	L60224	BUMPER	INSULATOR rubber, cover, Bracket showing in illustration on right front side rail, above Ref #6, is hood panel hook bracket L47158.	5
7	D122618	HEX SOC SCREW	BOLT hex socket head, 1/2"-13 NC x 1", special, chassis cover, two wheel drive models , BSN 17028366	2
	D122618	HEX SOC SCREW	BOLT hex socket head, 1/2"-13 NC x 1", special, chassis cover, four wheel drive models , BSN 17028049	2
7A	353-406	PLUG	PLUG nylon, 5/8", used with P/N D125196 chassis cover, Ref. 5 in place of Ref. 7 bolt on two wheel drive models, ASN 17028366	2

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Diag #	Part #	Name	Description	Qty
	D64731	SPARE PART	BUCKET ASSEMBLY, loader, 74" (1880 mm) wide, two wheel drive, machinery item, See Figure 002 for ordering, Includes: Ref. 1 - 3, Short lip buckets	1
1	NSS	NOT SERVICED SEPARATELY	BUCKET loader, Short lip buckets	1
2	D30932	BUSHING	BUSHING bucket ear, Short lip buckets	8
3	D95072	EDGE, CUTTING	EDGE cutting, front, Short lip buckets	1
	D122572	BUCKET	BUCKET ASSEMBLY, loader, 82" (2083 mm) wide, two wheel drive models only, machinery item, See Figure 2 for ordering, Includes: Ref. 4 - 6, Long lip buckets	1
	D122630	BUCKET ASSEMBLY, loader, 82" (2083 mm) wide, four wheel drive models only, machinery item, See Figure 2 for ordering, Includes: Ref. 4 - 6, Long lip buckets	BUCKET ASSEMBLY, loader, 82" (2083 mm) wide, four wheel drive models only, machinery item, See Figure 2 for ordering, Includes: Ref. 4 - 6, Long lip buckets	1
4	NSS	NOT SERVICED SEPARATELY	BUCKET loader, Long lip buckets	1
5	D30932	BUSHING	BUSHING bucket ear, P/N D122572 or D122630 bucket, Long lip buckets	8
6	D122568	CUTTING EDGE	EDGE cutting, front, P/N D122572 or D122630 bucket, Long lip buckets	1
7	D26368	SUPPORT	SHANK tooth, original equipment, Bucket teeth	1
8	D58499	SUPPORT	SHANK tooth, service option, Bucket teeth	1
9	D27748	TOOTH	POINT tooth, Bucket teeth	1
10	D36720	TOOTH	POINT tooth, heavy duty service option, Bucket teeth	1

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GENERAL INFORMATION

Indexes

This parts catalog is arranged for easy identification on parts. The Alphabetical Index at the front of the catalog gives location of major groups and assemblies. The Numerical Index at the rear of the catalog gives part numbers and the page on which they are listed.

Abbreviations and Terms

PIN - Product Identification Number.
SN - Serial Number.
NSS - Not sold separately.
REF - Reference. Used to clarify drawing.
RESERVED - No item listed.
UAR - Use as required.

Changes

When changes are made to the machine, revised pages for this catalog will be issued. These pages must be inserted into your catalog as soon as they are received. Failure to keep your catalog up to date will result in confusion and may cause you to order wrong parts.

Orders

Orders should specify correct part number, full description, quantity required, machine and engine model, machine and engine serial numbers, method of shipment and shipping address.

Right-Hand and Left-Hand Sides

The terms right-hand and left-hand (abbreviated to RH and LH) as used in this catalog indicate the right and left sides of the machine as viewed by the operator in the normal operating position for proper operation of the machine or attachment.

U.S. and Metric Units

Sizes, lengths, and dimensions are given in U.S. units followed by its equivalent in metric units. See item 8 below. Sizes of hardware (bolts, nuts, etc.) are given according to hardware type --- in inches for U.S. hardware; in millimeter for metric hardware. See items 9 and 10.

Description, Quantity and Machinery Items

All parts are briefly described under DESCRIPTION. The quanitity used is listed under REQ'D. Notice in the example below that the description of some items is moved in (indented) from the left-hand margin. An indented item is part of the item under which it is indented. The example shows that one hydraulic oil filter is used on the machine. Each filter contains one head assembly, one element kit, and one housing (indented items with no reference numbers and item 6). The head assembly and kit are further divided to show individual part (items 2, 3, 4 & 5).

Machinery items must be ordered from the Machinery Price List. See item 7 in the example.

REF.	PART NO.	DESCRIPTION	REQ'D
1	D 43567	FILTER ASSEMBLY - hydraulic oil	1
	D 61903	HEAD ASSEMBLY - filter	1
2	NSS	HEAD - filter	1
3	D 58199	VALVE - bypass	1
	D 43800	KIT - filter element	1
4	NSS	ELEMENT - filter	1
5	A 27994	O-RING - filter	1
6	D 42439	HOUSING - filter	1
7	REF	CANOPY - ROPS, machinery item, see page 2 for ordering	2
8	R 42849	HOSE - from upper valve port, 38" (965 mm) long	1
9	13- 728	BOLT - hex head, 7/16" - 14 NC x 1-3/4"	2
10	814- 8030	BOLT - hex head, 8 mm - 1.25 x 30 mm (8.8)	2

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Diag #	Part #	Name	Description	Qty
21	NSS	NOT SERVICED SEPARATELY	SEAL oil, front, Reference No. J900709	1
22	NSS	NOT SERVICED SEPARATELY	TOOL installation	1
23	NSS	NOT SERVICED SEPARATELY	TOOL installation	1
25	J904355	SLEEVE	KIT, wear sleeve, crankshaft front, Includes: Ref. 26 - 27	1
26	NSS	NOT SERVICED SEPARATELY	SLEEVE wear, Reference No. J904355	1
27	NSS	NOT SERVICED SEPARATELY	TOOL installation	1
30	J904323	SEAL	KIT, seal, oil, crankshaft rear, Includes: Ref. 31 - 33	1
31	NSS	NOT SERVICED SEPARATELY	SEAL oil, rear, Reference No. J904089	1
32	NSS	NOT SERVICED SEPARATELY	TOOL installation	1
33	NSS	NOT SERVICED SEPARATELY	TOOL installation	1
35	J904356	SLEEVE	KIT, wear sleeve, crankshaft rear, Includes: Ref. 36 - 37	1
36	NSS	NOT SERVICED SEPARATELY	SLEEVE wear Reference No. J904356	1
37	NSS	NOT SERVICED SEPARATELY	TOOL installation	1

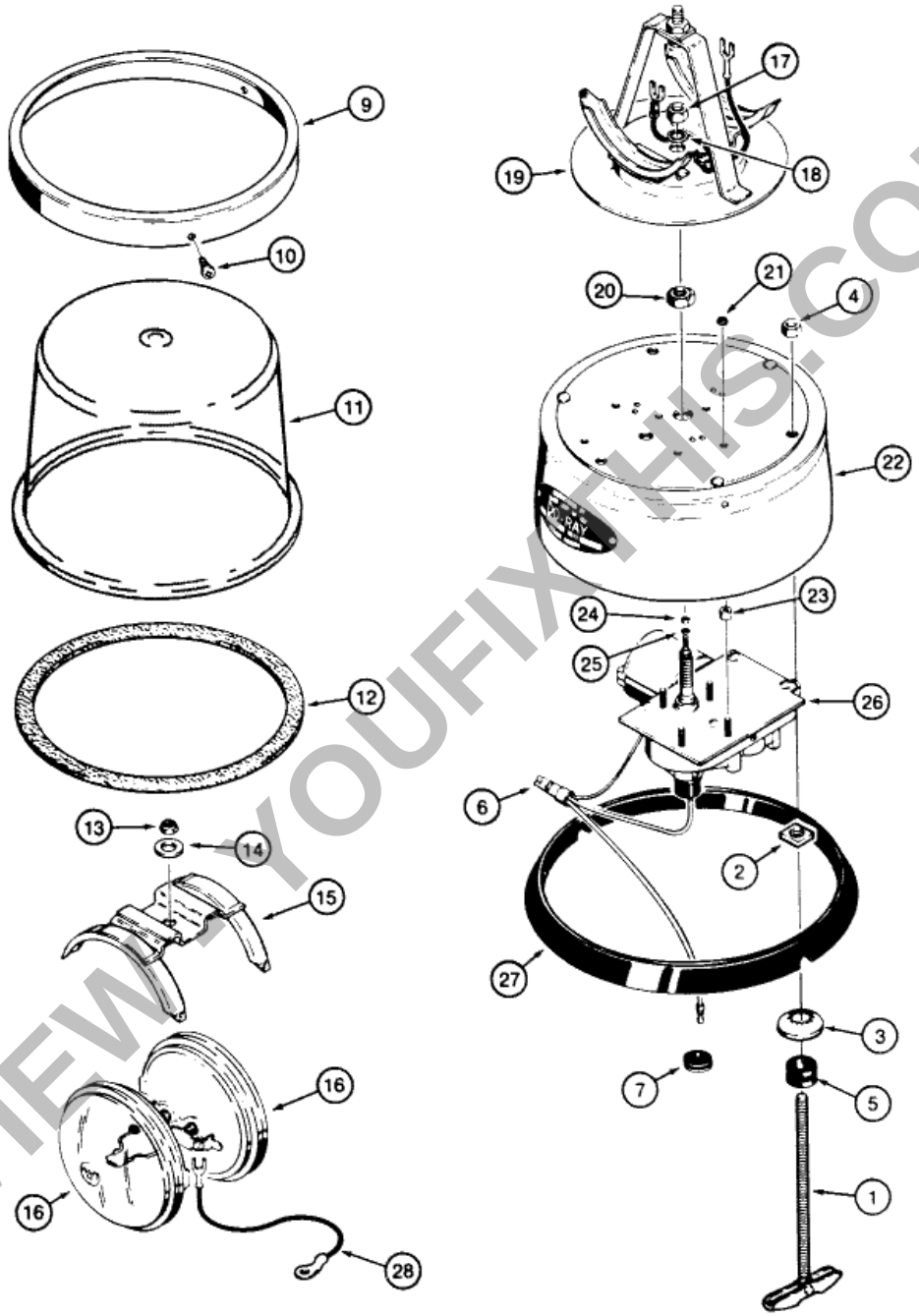
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Diag #	Part #	Name	Description	Qty
1	A141060	COMPRESSOR	COMPRESSOR ASSEMBLY, air conditioning, See Figure 92	1
1	1924004C2	REMAN-A/C COMPRESSOR	Remanufactured, A/C COMPRESSOR - N.A. Only	1
1	1924005C1	CORE-A/C COMPRESSOR	Return Number, A/C COMPRESSOR - N.A. Only	1
2	A162008	CLUTCH	CLUTCH ASSEMBLY, complete, with mounting bolts	1
3	D84316	V-BELT	V-BELT, 12.70 mm W x 1016.00 mm L, Compressor	1
4	J903221	PULLEY	PULLEY compressor drive	1
5	113-208	BOLT	BOLT, Hex, 3/8"-16 x 1 1/4", G5, Full Thd	2
6	192-21	LOCK WASHER	WASHER, LOCK, 3/8"	2
7	D121749	BRACKET	BRACKET compressor base, no longer used, for service order items 20, 23, and 24 below, and items, 3 - 28, 30, 31, 32, 35, 37, and, 2 - 38	1
8	195-533	WASHER	WASHER flat, plated, 1/2"	2
9	192-23	LOCK WASHER	WASHER, LOCK, 1/2"	2
10	129-105	NUT	NUT, 1/2"-13, G5	2
11	D121742	ANCHOR	PLATE compressor mounting, no longer used, for service order items 20, 23, and 24 below, and items, 3 - 28, 30, 31, 32, 35, 37, and, 2 - 38	1
12	814-10030	BOLT	BOLT, Hex, M10 x 30, 8.8	3
13	892-1110	LOCK WASHER	WASHER lock, plated, 10 mm	3
14	113-2419	BOLT	BOLT hex head, plated, 1/2" - 13 NC x 6-1/2"	1
15	131-70	TUBE NUT	NUT hex, self locking, plated, 1/2" - 13 NC	1
16	D121743	HINGE	BRACKET hinge, compressor side, no longer used, for service order D127528 bracket, item 36	1
17	113-207	BOLT	BOLT, Hex, 3/8"-16 x 1", G5, Full Thd	2
18	192-21	LOCK WASHER	WASHER, LOCK, 3/8"	2
19	D128065	BELT	BELT, Drive, Compressor, no Longer Used, for Service Order D84316 Drive Belt	1
19A	D84316	V-BELT	V-BELT, 12.70 mm W x 1016.00 mm L, Compressor	1
20	D128415	BRACKET	BRACKET compressor base	1
21	113-208	BOLT	BOLT, Hex, 3/8"-16 x 1 1/4", G5, Full Thd	4

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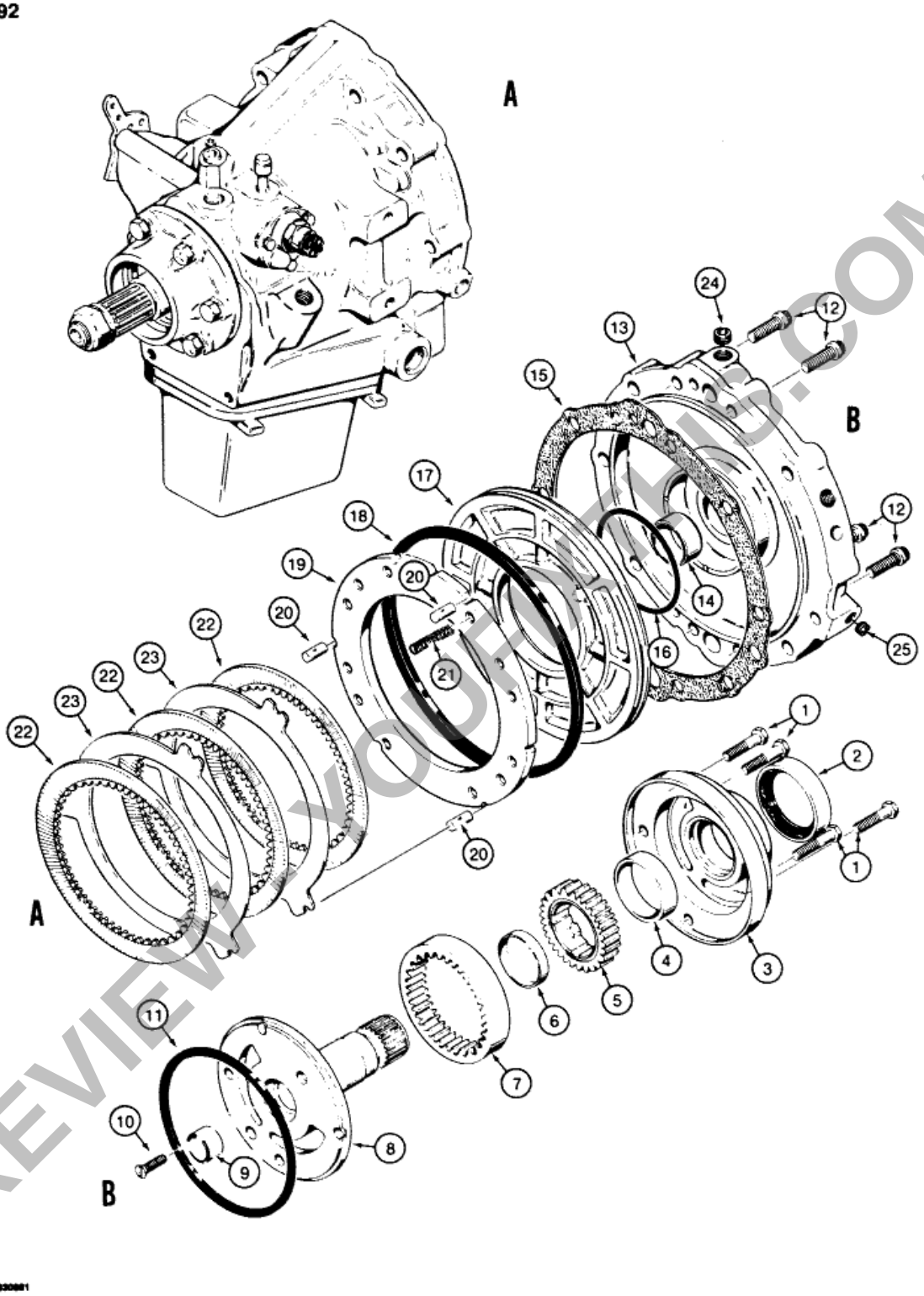
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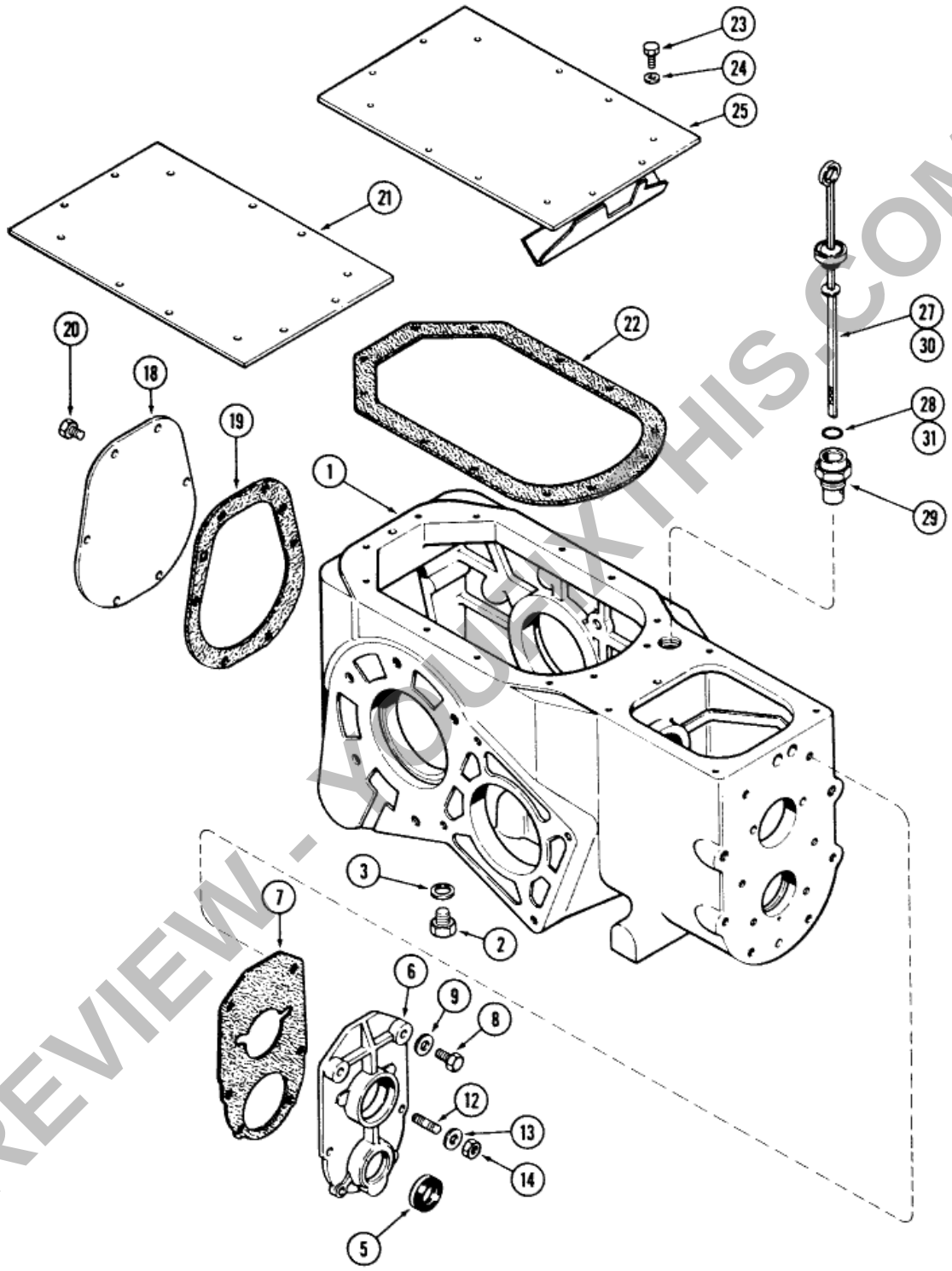
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Diag #	Part #	Name	Description	Qty
	D134170	HOSE	HOSE, 6.35 mm ID x 1580.00 mm, SAE 30R6 or SAE 30R7 PER SAE J30	1

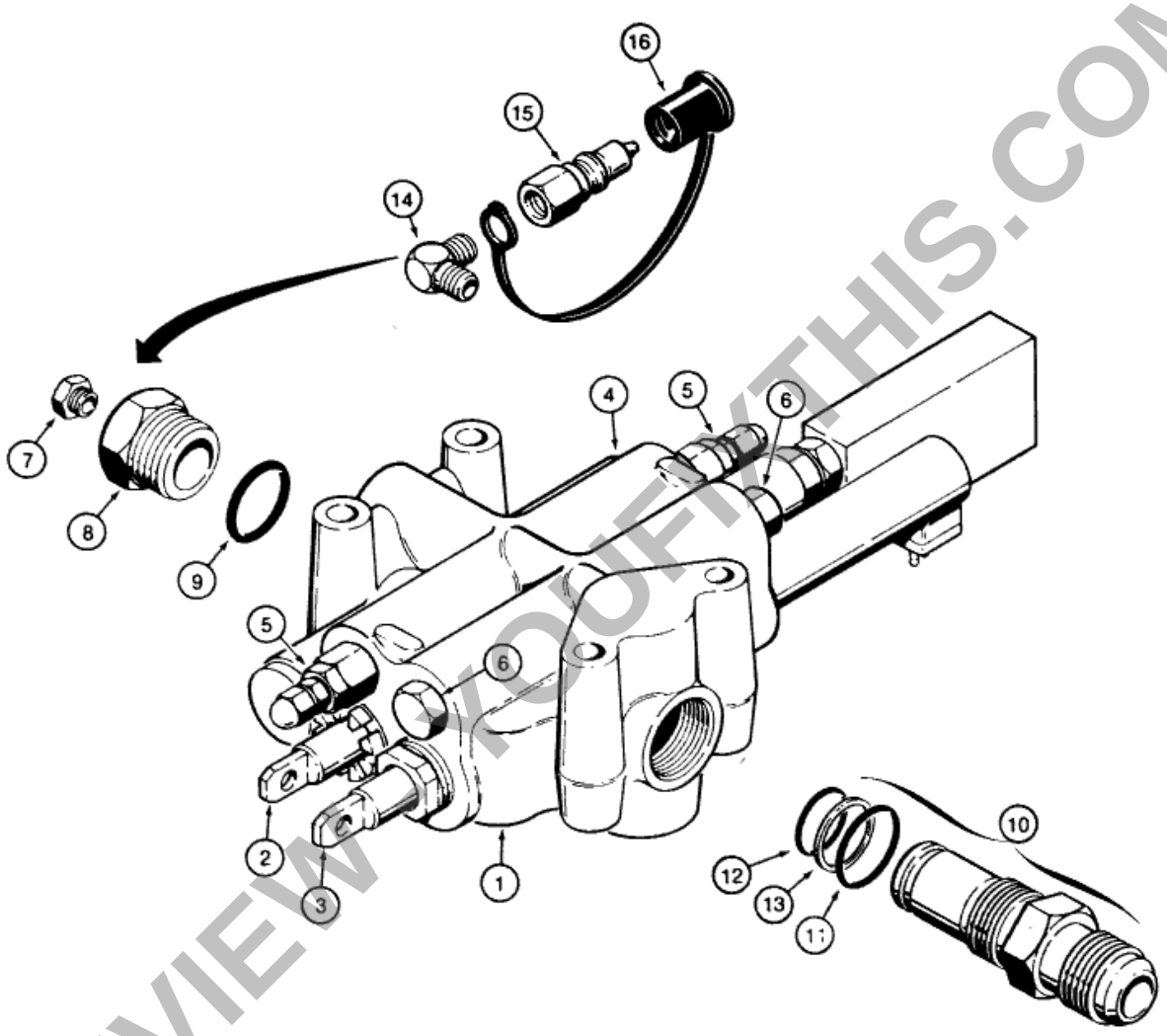
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Diag #	Part #	Name	Description	Qty
1	REF	INSTRUCTION	VALVE control, loader, for correct assembly and components, See Figures 390, 392 or 406	1
2	218-5062	HYD CONNECTOR	CONNECTOR straight, male, Includes: Ref. 3	1-2
3	237-6010	O-RING	O RING connector	1
6	218-5107	ELBOW	ELBOW adjustable, 90 degree, used with D86880 tube only, if used, Incl. Ref. 7	1
7	237-6010	O-RING	O RING elbow	1
9	D86878	HYD. TUBE	TUBE to rod end of bucket cylinders, used with Parker two or three spool control valve only, if used	1
9A	D120814	TUBE	TUBE to rod end of bucket cylinders, used with Parker three spool control valve only, if used	1
10	D123549	TUBE ASSY.	TUBE to rod end of bucket cylinders, used with Case control valve only	1
11	D86880	HYD. TUBE	TUBE to closed end of bucket cylinders, used with Parker two or three spool control valve only, if used	1
11A	D120812	TUBE	TUBE to closed end of bucket cylinders, used with Parker three spool control valve only, if used	1
12	D123551	TUBE ASSY.	TUBE to closed end of bucket cylinders, used with Case control valve only	1
13	D40236	CLAMP	CLAMP metal, tube	1-2
14	D76209	SPACER	SPACER used with metal tube clamp	1-2
15	192-21	LOCK WASHER	WASHER, LOCK, 3/8"	2
16	113-233	BOLT	BOLT, Hex, 3/8"-16 x 1 3/4", G5	2
17	25-226	NUT	NUT square, 3/8" - 16 NC, if used	2
18	95-6	WASHER	WASHER flat, 3/8", used with plastic tube clamp, if used	3
19	D120613	CLAMP	CLAMP plastic, tube, if used	2
20	D86852	HOSE	HOSE, 29-1/2" (750 mm) long, chassis to loader lift frame	2
21	D86856	HYD. TUBE	TUBE to bucket cylinders	2
22	R17319	CLAMP	CLAMP metal, tube, if used	1
23	D76208	SPACER	SPACER used with metal tube clamp, if used	1
24	95-6	WASHER	WASHER flat, 3/8"	1
25	192-21	LOCK WASHER	WASHER, LOCK, 3/8"	1

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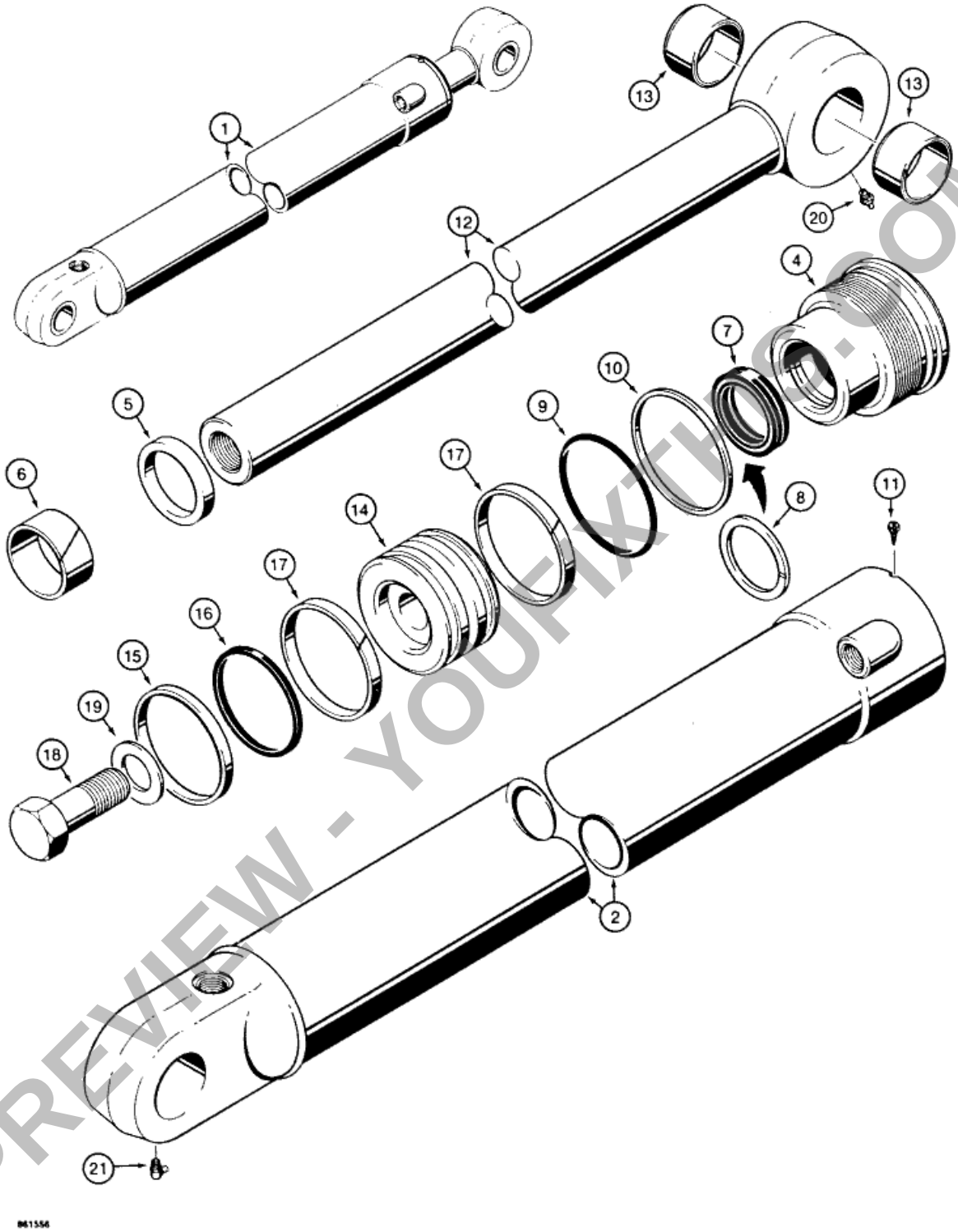
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Diag #	Part #	Name	Description	Qty
24	G102781	WASHER	WASHER special, if used	2
25	129-141	NUT	NUT, Jam, 1/4"-20, G5	1
26	218-5008	O-RING	O RING large	1
27	G107675	O-RING	O RING small	1
28	G35540	RING	RING backup, O ring, if used	1
	G109449	KIT	KIT, service for G34672, includes G109447 relief valve assembly, Ref. 14 - 28, and an instruction sheet, The pressure setting of the repair circuit relief valve is not preset for this application. Adjust the	1
	G104997	VALVE	SECTION ASSEMBLY, boom	1
	G103396	VALVE	CIRCUIT RELIEF VALVE ASSEMBLY, upper, with round retainer and snap ring at outer end of circuit relief cap, used in production, no longer available, Replaced by G109441 valve in production, See Figure 438, or	1
29	NSS	NOT SERVICED SEPARATELY	BODY circuit relief valve	1
30	NSS	NOT SERVICED SEPARATELY	POPPET circuit relief valve	1
31	A28090	O-RING	O-RING, -011, 70 Duro, .301" ID x .070" Thk - Poppet	1
32	G105693	VALVE SPRING	SPRING circuit relief valve	1
33	G33241	PIN	PIN circuit relief valve	1
34	G33091	PISTON	PISTON circuit relief valve	1
35	G102845	O-RING	O RING piston	1
36	G33092	RETAINER	RETAINER circuit relief valve	1
37	G46150	SNAP RING	Ring, Snap, 0.75", Int, #75, circuit relief valve	1
38	G102782	SCREW	SCREW set, piston, 1/4" - 20 NC x 1"	1
39	G102781	WASHER	WASHER special, if used	2
40	129-141	NUT	NUT, Jam, 1/4"-20, G5	1
41	218-5008	O-RING	O RING large	1
42	G107675	O-RING	O RING small	1
43	G35540	RING	RING backup, O ring, if used	1
44	G34938	VALVE POPPET	POPPET anticavitation valve	2
45	G34458	SPRING	SPRING anticavitation valve	2
46	G34937	PLUG	PLUG anticavitation valve	2
47	237-6010	O-RING	O RING plug	2
	G109448	KIT	KIT, service for G103396, includes G109446 relief valve assembly, Ref, 29 - 47, and an instruction sheet	1
	G104997	VALVE	SECTION ASSEMBLY boom	1

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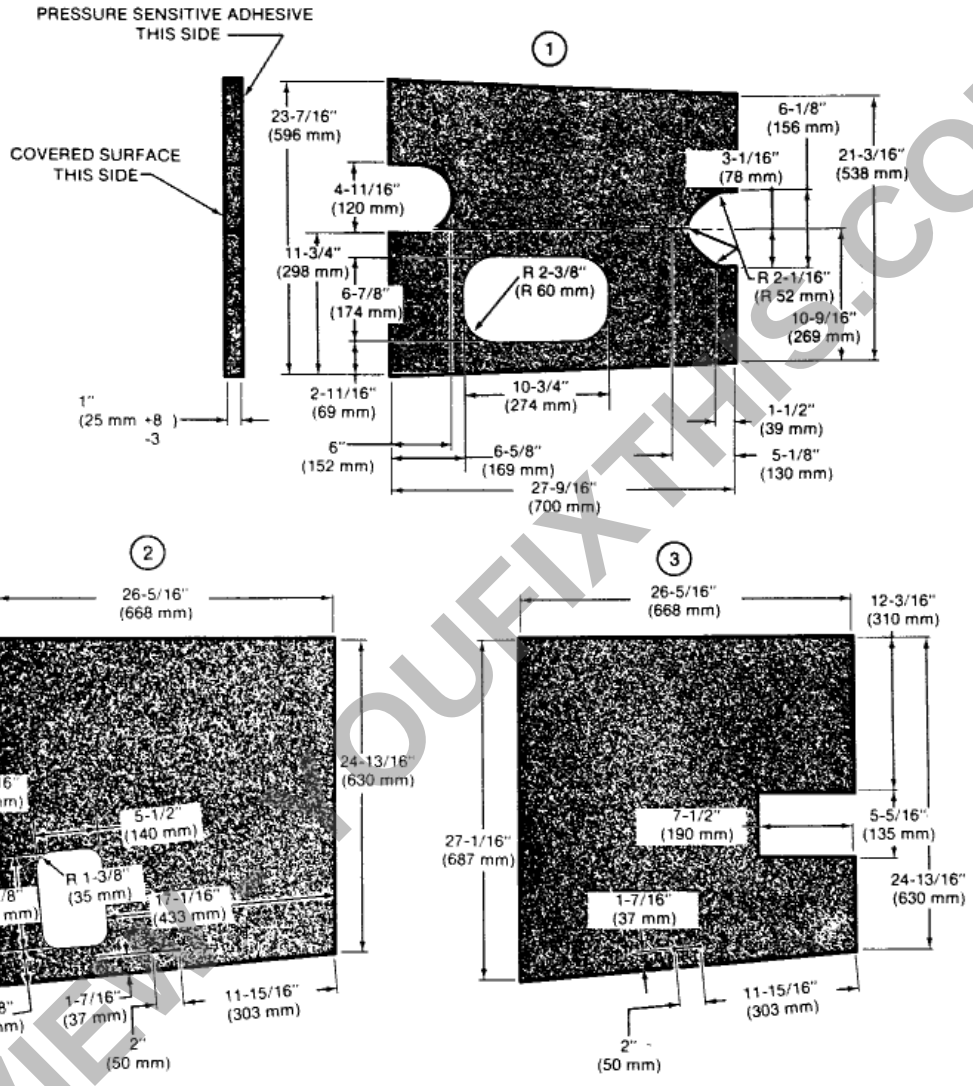
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Diag #	Part #	Name	Description	Qty
1	REF	INSTRUCTION	FRAME backhoe mounting, See Figure 522 for bushings	1
2	REF	INSTRUCTION	CYLINDER backhoe swing, See Figure 468	2
3	D94401	SUPPORT	SUPPORT swing cylinders, Includes: Ref. 4	1
4	D60159	BUSHING	BUSHING plate	2
5	113-925	BOLT	BOLT hex head, plated, 1" - 8 NC x 3"	2
6	113-945	BOLT	BOLT hex head, special thread length, 1" - 8 NC x 5-1/2"	2
7	D36505	WASHER	WASHER hardened, 1"	4
8	D94229	PLATE, LARGE	RETAINER nut	2
9	129-568	NUT	NUT square, 1" - 8 NC	4
10	D90057	COVER	COVER vinyl, bolt	2
11	D90868	LATHE	TOWER swing, without inner ears, uses one boom mounting pin and Ref. 21 - 26 for mounting swing cylinder, see Ref. 16, See Figure 530 for boom attaching parts, Includes: Ref. 12 - 15, Hole through which swing	1
12	D49429	BUSHING	BUSHING, at boom cylinder	2
13	D91241	BUSHING	BUSHING - boom mounting, (51.10 - 51.02 mm) 2.009 - 2.012" ID, (69.88 - 69.85 mm) 2.751 - 2.750" OD, (60.0 mm) 2.362" long, if 2.01" ID x 2.5" OD x 2" long is needed for swing tower with inner ears order P/N	2
14	D94018	BUSHING	BUSHING swing cylinder mounting, if used	4
15	D90863	SHIM	SHIM, 6mm Thk, Washer - Bearing, welded to bottom of some swing towers, not used when Ref. 28 is used	1
16	D127544	FRAME	TOWER swing, 2-1/8" OD bushings at swing cylinder mounting holes, with inner ears, uses two boom mounting pins and Ref. 21 - 26 for mounting swing cylinder, see item 11, See Figure 530 for boom attaching part	1
17	D49429	BUSHING	BUSHING, at boom cylinder	2
18	D33023	BUSHING	BUSHING outer ears, boom mouting	2
19	D38943	BUSHING	BUSHING inner ears, boom mounting	2
20	D94018	BUSHING	BUSHING cylinder mounting swing, 2-1/8" OD	4
21	D88985	PIN	PIN swing cylinder to swing tower, 7-1/8" (181 mm) long, used with Ref. 11 or 16	2

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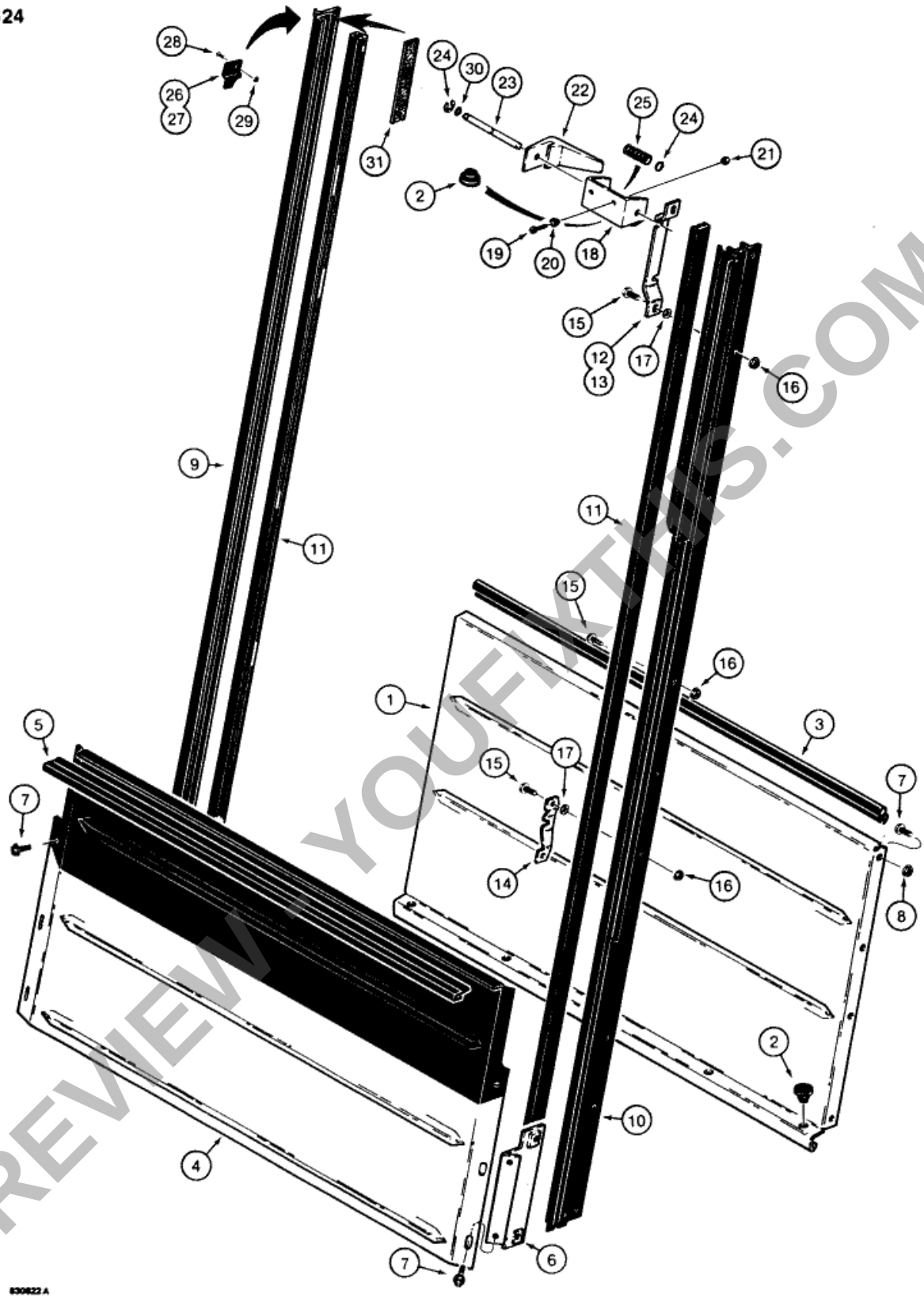
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