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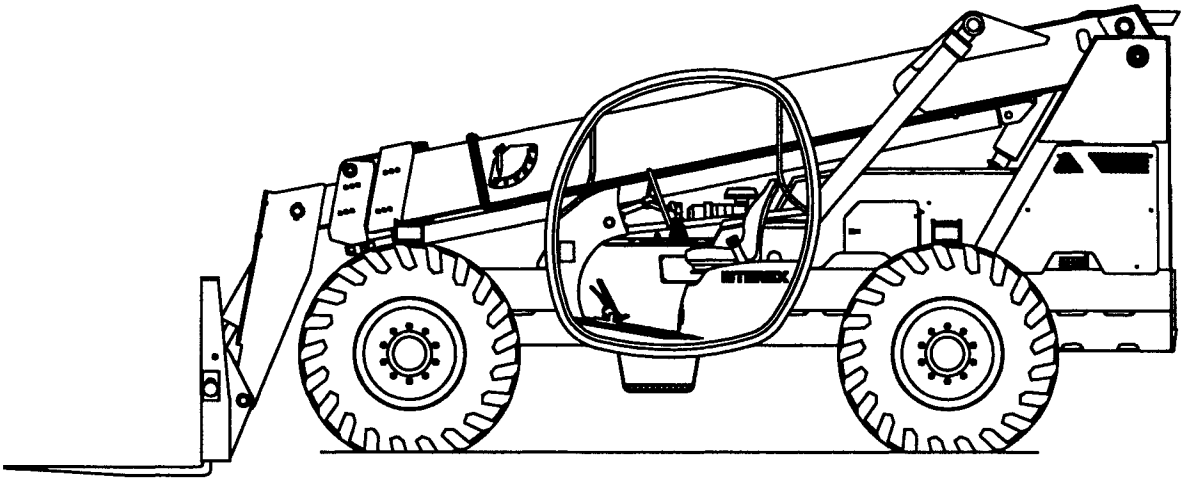
PARTS MANUAL
TH844C



11-14-05

JOHN DEERE TIER II 4045 TURBO ENGINE
DANA 212 AXLES
CLARK T12000 TRANSMISSION
REMOTE MOUNTED SAF-T-CAB III
SAUER-DANFOSS HYDRAULIC PUMP
VOAC MAIN VALVE
VOAC 4-WAY CONTROLLER

Serial Number:_____

Part No. 108376

TEREX HANDLERS
455 N. Superior Ave., Baraga, MI 49908-0790
PH: (906) 353-3500; FAX: (906) 353-7543
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30	CIRCUIT / PARKING BRAKE	P1-1946
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32	CIRCUIT / BRAKE - DIFFERENTIAL LOCK	P1-1951
33	CIRCUIT / OIL COOLER / JD-4045 TIER II	P1-1952
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36	STARTER RELAY / SENDER ASSY / JD-4045 TIER II	P4-2075
37	BATTERY BOX ASSEMBLY	P1-1947
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50	CONTROL BLOCK ASSEMBLY / 7-234-94	P1-1451
51	4-WAY CONTROLLER ASSEMBLY / 7-200-139	P1-1875
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53	HYDRAULIC PUMP ASSEMBLY / 7-112-05	P1-2142
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62	CIRCUIT / FORK ROTATE	P1-2143
63	CIRCUIT / AUXILIARY HYDRAULICS / 3-7 GPM	P1-2145

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MANUFACTURER PART NUMBER	NUMBER	DESCRIPTION	SEAL KIT
PPDB-LNN	7-234-13	CARTRIDGE / REDUCING RELIEVING	7-234-29
CXDA-XAN	7-234-16	CARTRIDGE / CHECK	7-234-31
CKCD-XCN	7-234-18	CARTRIDGE / PILOT CHECK	7-234-29
CBCA-LHN	7-234-19	CARTRIDGE / COUNTERBALANCE	7-234-29
CBEA-LHN	7-234-22	CARTRIDGE / COUNTERBALANCE	7-234-30
PPDB-LAN	7-234-28	CARTRIDGE / REDUCING RELIEVING	7-234-29
NFCC-LDN	7-234-37	CARTRIDGE / NEEDLE	7-234-31
CAEA-LHN	7-234-53	CARTRIDGE / COUNTERBALANCE	7-234-30
POC1-10-F-0-030	7-321-88	CARTRIDGE / PILOT CHECK	7-321-92
PRV2-10-S-0-20	7-321-89	CARTRIDGE / REDUCING RELIEVING	7-321-91
DSV2-8-B-0	7-321-90	CARTRIDGE / SHUTTLE	7-321-93
CXDA-XCN	7-234-80	CARTRIDGE / CHECK	7-234-31
PTS1-6872	7-304-07	CARTRIDGE / MODULAR CONTROL	7-304-08
DSV2-080-3B-N	7-367-03	CARTRIDGE / NORMALLY OPEN	7-367-18
DSV2-080-3-N	7-367-14	CARTRIDGE / NORMALLY CLOSED	7-367-18
DSV2-080-4C0-N	7-367-10	CARTRIDGE / 4-WAY	7-367-19

7-182-34	CYLINDER / SWAY-REAR LOCK / P1-2112	7-900-180
7-316-403	CYLINDER / LIFT / P1-1671	7-900-117
7-316-238	CYLINDER / TILT / P4-2044	7-900-22
7-316-211	CYLINDER / BOOM / P4-2017	7-900-23
7-379-01	CYLINDER / ROTATE / P4-2020	7-900-86
7-229-619	CYLINDER / STEERING .	7-900-88

7-147-48	ORBITRAL / STEERING	7-147-56

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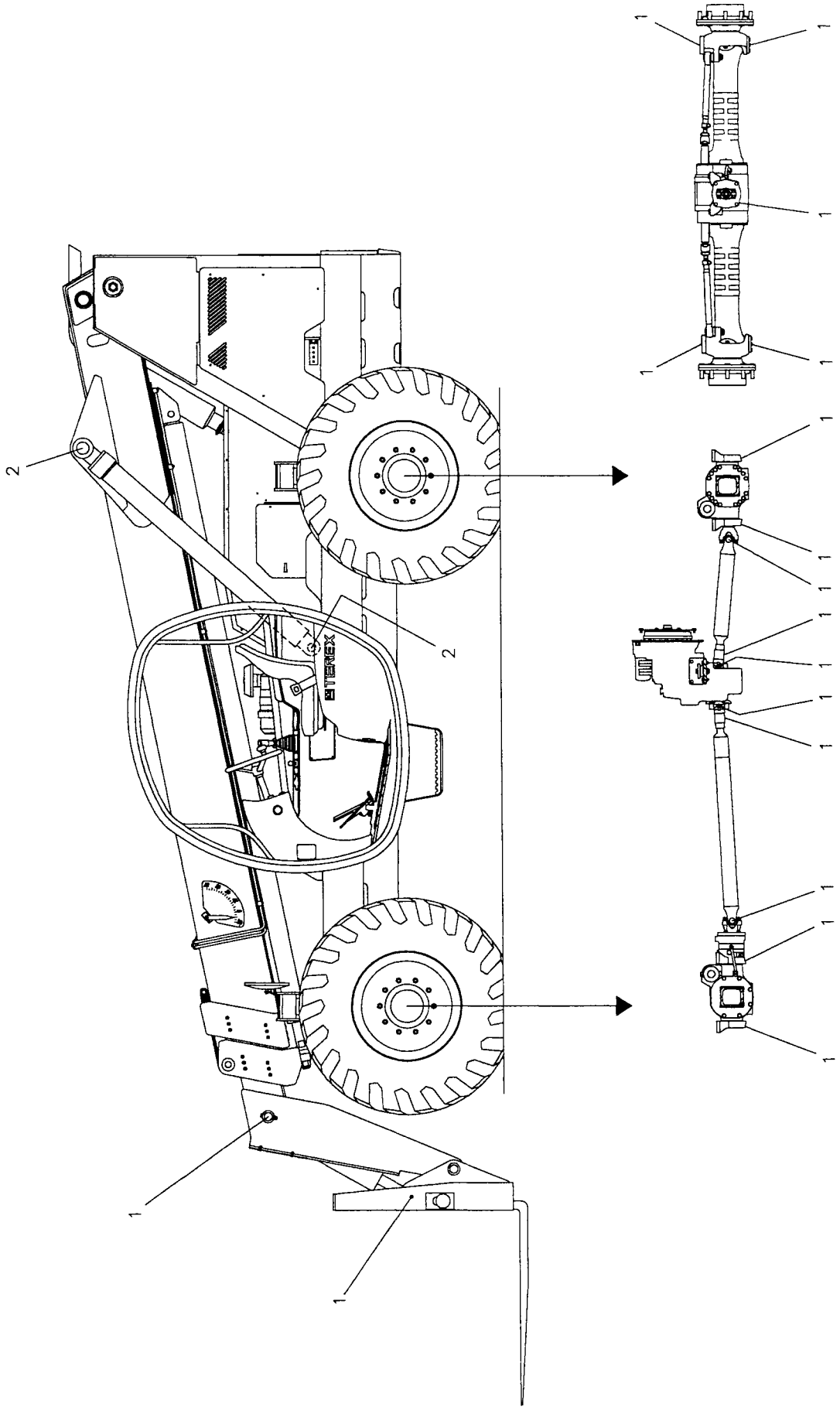

DRAWING NUMBER P1-1958	LUBE CHART TH844C	PAGE NUMBER 2

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TH844C FILTER GUIDE

	DESCRIPTION	PART NO.	APPLICATION
1.	HYDRAULIC RETURN FILTER ELEMENT	7-118-02	TH844C
2.	ENGINE OIL FILTER / JOHN DEERE	7-183-184	TH844C
3.	ENGINE FUEL FILTER / JOHN DEERE	7-183-45	TH844C
4.	AIR CLEANER ELEMENT / PRIMARY	7-109-04	TH844C
5.	AIR CLEANER ELEMENT / SAFETY	7-109-14	TH844C
6.	TRANSMISSION OIL FILTER	7-126-349	TH844C
7.	HYDRAULIC RESERVOIR FILLER-BREATHER	7-272-11	TH844C

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ITEM	NUMBER	DESCRIPTION	REQD
1	2-1286	DECAL / LOAD CHART / TH844C	1
2	4-2282-7	DECAL / TH844C TURBO	2
3	2-1345	DECAL / STEERING SELECTOR	1
4	4-1401-2	DECAL / DIESEL FUEL	1
5	4-1401-3	DECAL / HYDRAULIC OIL LEVEL	1
6	2-1346	DECAL / 4-WAY CONTROL	1
7	4-1401-8	DECAL / TRANSMISSION OIL	1
8	4-1401-10	DECAL / TRANSMISSION CONTROL	1
9	4-1105-11	DECAL / A	1
10	4-1105-12	DECAL / B	1
11	4-1105-13	DECAL / C	1
12	4-1105-14	DECAL / D	1
13	4-1105-19	DECAL / REAR AXLE STABILIZERS	1
14	3-1257-1	DECAL / HYDRAULIC OIL ONLY	1
15	1-1684	DECAL / AXLE DIFFERENTIAL LOCK	1
16	2-1290	DECAL / FALLING OBJECT HAZARD	1
17	2-1291	DECAL / ALWAYS USE THE SEAT BELT	1
18	2-1292	DECAL / READ THE OPERATORS MANUAL	1
19	2-1293	DECAL / BURN HAZARD	2
20	2-1294	DECAL / CRUSH HAZARD-PINCH POINT	8
21	2-1295	DECAL / OVERTURNING HAZARD	1
22	2-1296	DECAL / OVERTURNING HAZARD-SWAY	1
23	2-1297	DECAL / OVERTURNING HAZARD-TIRES	4
24	2-1298	DECAL / OVERHEAD CRUSH HAZARD	1
25	2-1299	DECAL / CRUSH HAZARD-PARKING BRAKE	1
26	2-1300	DECAL / CRUSH HAZARD-NO RIDERS	1
27	2-1301	DECAL / ELECTRICAL HAZARD	1
28	2-1302	DECAL / NOT A MAN-LIFT	2
29	2-1303	DECAL / EXPLOSION-BURN HAZARD-FLUIDS	2
30	2-1304	DECAL / EXPLOSION-BURN HAZARD-ACID	1
31	2-1361	DECAL / FILTER GUIDE / J. DEERE & DEUTZ	1
32	7-349-01	DECAL / TEREX CROWN / SMALL	1
33	7-349-02	DECAL / TEREX CROWN / MEDIUM	1
34	1000029	DECAL / TEREX LOGO / 10 x 59	2
35	4-1880-1	DECAL / BOOM ANGLE / WHITE LETTERS	1
36	1-1286	DECAL / CHEVRON HYDRAULIC OIL	1
37	1-1287	DECAL / DAILY CHECK LIST	1
38	2-1223-1	DECAL / TECHNICAL SUPPORT	1
39	2-1352-1	DECAL / DASH GANG SWITCHES	1
40	2-1347	DECAL / SWAY-AUXILIARY-12V ACCESSORY	1
41	2-1353-1	DECAL / PB, WARNING LIGHT, & PUMP-OFF	1
42	7-900-202	DECAL KIT (ITEMS 1 THRU 41)	REF

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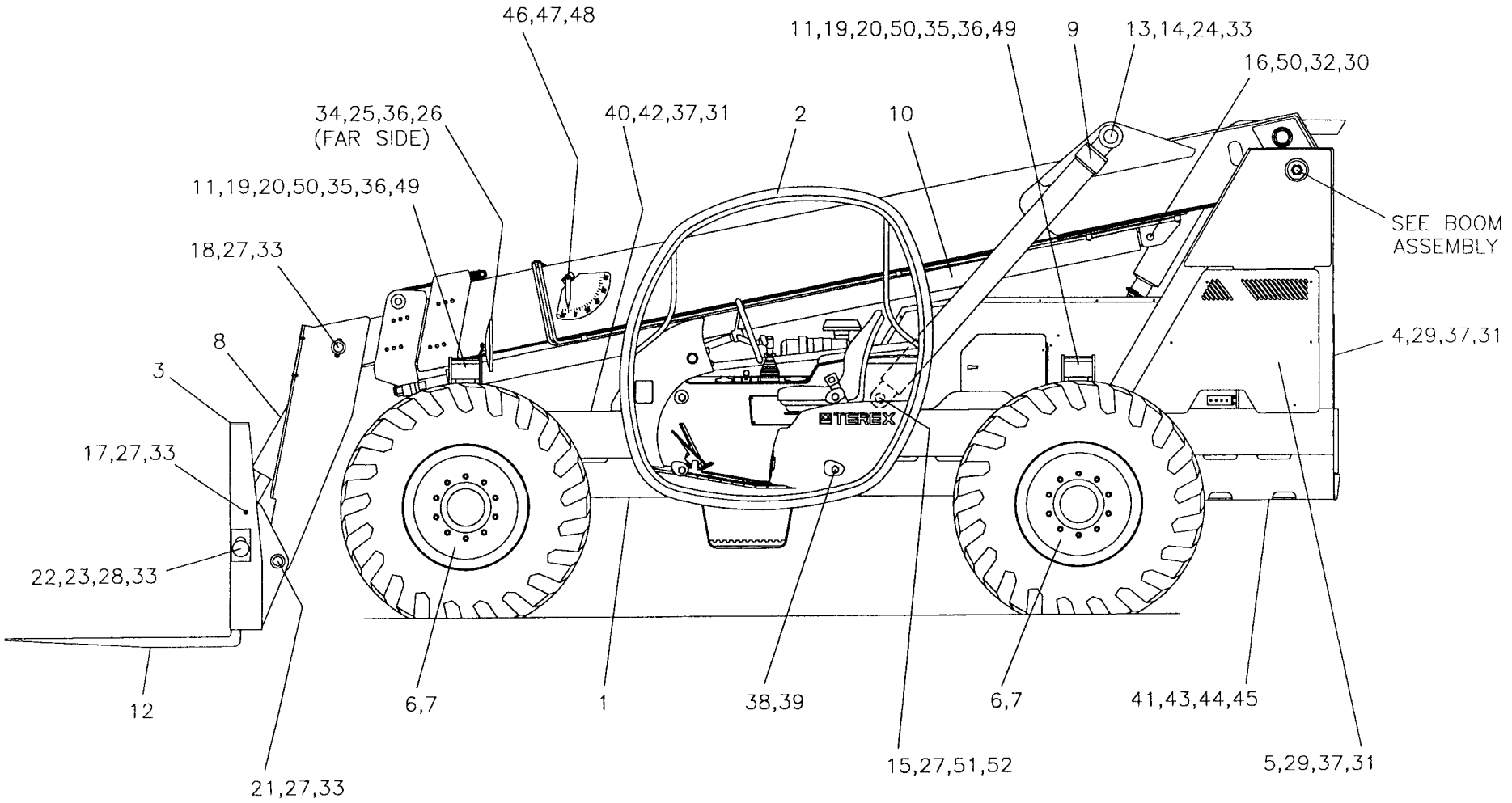

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ITEM	NUMBER	DESCRIPTION	REQD
1	108460	MAIN FRAME WELDMENT	1
2	7-132-141	CANOPY ASSEMBLY	1
3	4-1525	FORK FRAME / 48 WIDE	1
4	108478	REAR PANEL	1
5	108477	SIDE PANEL / RH & LH	2
6	7-166-19	TIRE & WHEEL ASSEMBLY / RH	2
7	7-166-20	TIRE & WHEEL ASSEMBLY / LH	2
8	7-316-238	CYLINDER / TILT	1
9	7-316-403	CYLINDER / LIFT	2
10	7-316-211	CYLINDER / BOOM	1
11	7-182-34	CYLINDER / SWAY-REAR LOCK	4
12	3-1393-10	FORK TINE / 48 LG.	2
13	5-2042-1	PIN / HEAD LIFT CYLINDER	1
14	6-2524-10	COLLAR / HEAD LIFT CYLINDER	2
15	5-2041-16	PIN / BASE LIFT CYLINDER	2
16	5-2041-1	PIN / BASE BOOM CYLINDER	1
17	5-2041-21	PIN / HEAD TILT CYLINDER	1
18	5-2048-1	PIN / BASE TILT CYLINDER	1
19	5-2041-22	PIN / HEAD SWAY CYLINDER	4
20	5-2041-11	PIN / BASE SWAY CYLINDER	4
21	5-2041-20	PIN / FORK FRAME	1
22	2-1067-10	PIN / FORK TINE	1
23	1-1074	COLLAR / FORK TINE PIN	1
24	22786	CAPSCREW 1/2 NC x 5 1/2 LG.	2
25	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	1
26	7713	NUT / LP NYLOCK / 3/8-16	1
27	6-5208-30	CAPSCREW 1/2 NC x 3 3/4 LG.	5
28	6-5208-36	CAPSCREW 1/2 NC x 4 1/2 LG.	1
29	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	16
30	4828	NUT / NYLOCK / 3/8-16	1
31	7-173-04	SPRING CLIP 1/4 NC	24
32	5224	CAPSCREW 3/8 NC x 2 LG.	1
33	6198	NUT / NYLOCK / 1/2-13	6
34	7-333-01	MIRROR / CONVEX	1
35	6-5206-14	CAPSCREW 3/8 NC x 1 3/4 LG.	8
36	6-6212-06	FLATWASHER 3/8	10
37	6-6212-04	FLATWASHER 1/4	24
38	6-5220-20	CAPSCREW 1 1/4 NC x 2 1/2 LG.	4
39	6-6211-20	LOCKWASHER 1 1/4	4
40	108479	COVER / FRONT CHASSIS	2
41	5-2070	COUNTERWEIGHT / CAST	1
42	6-5204-08	CAPSCREW 1/4 NC x 1 LG.	8
43	6-5012-56	CAPSCREW 3/4 NC x 7 LG.	6
44	6-6212-12	FLATWASHER 3/4	12
45	6-6205-12	SELF-LOCKING NUT 3/4 NC	6
46	5-2131	POINTER / BOOM ANGLE	1
47	47094	CAPSCREW 5/16 NC x 1/2 LG.	1
48	5397	FLATWASHER 5/16	1
49	6-6205-06	SELF-LOCKING NUT 3/8 NC	8
50	45226	ROD END / .375 x 3.69	8
51	6-6201-08	HEX NUT 1/2 NC	2
52	6-6211-08	LOCKWASHER 1/2	2

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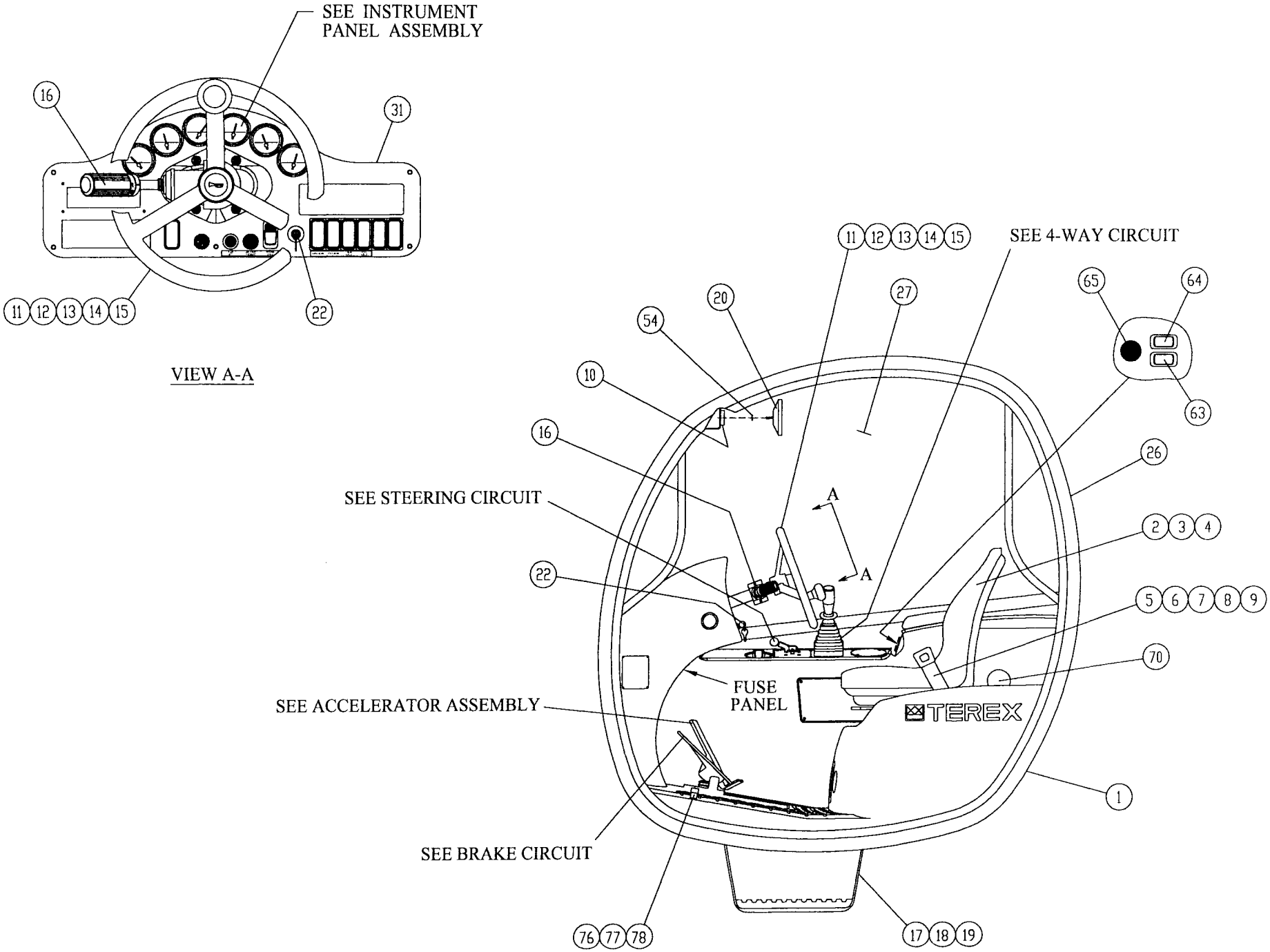

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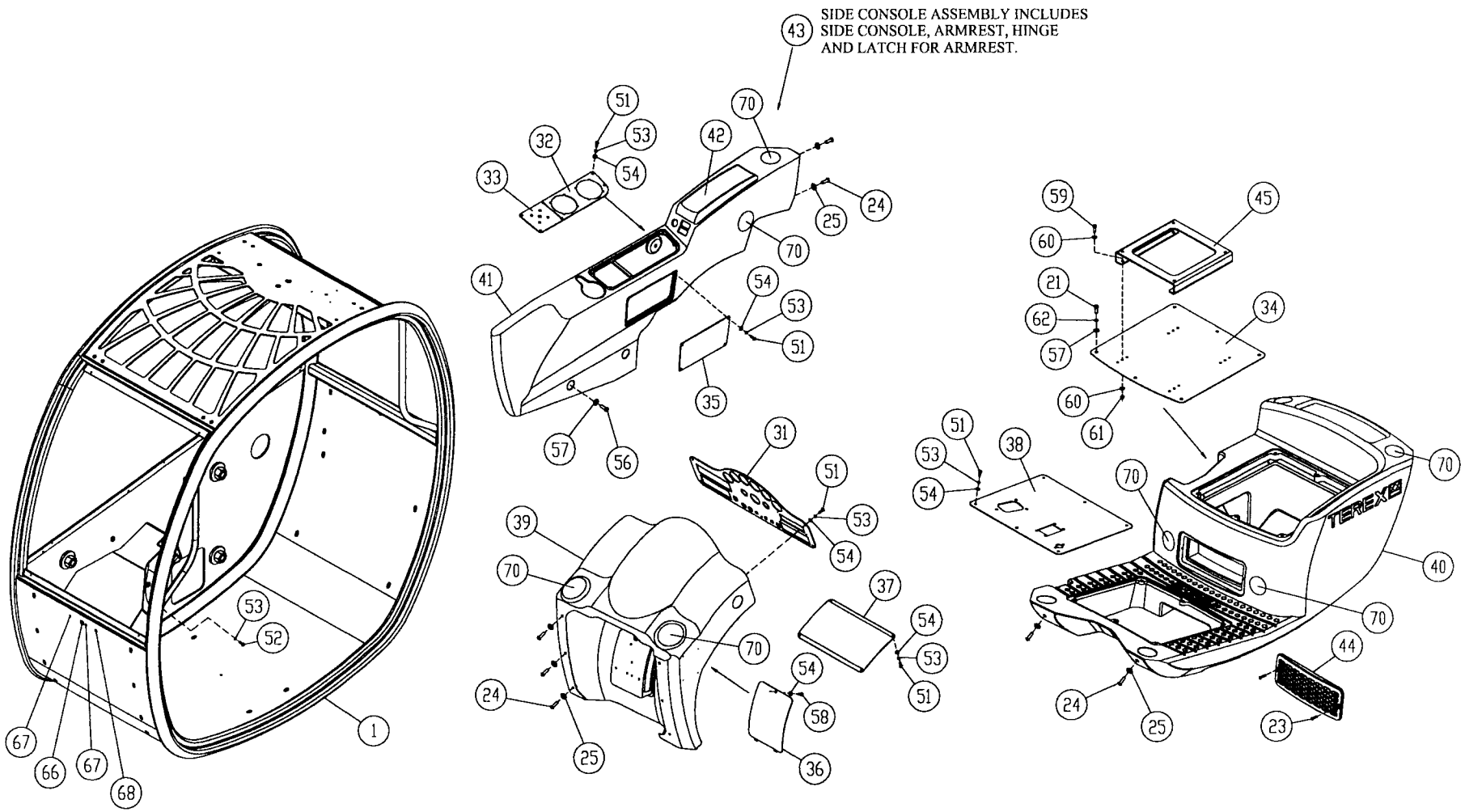
DRAWING NUMBER P1-1930

OPERATOR'S COMPARTMENT ASSEMBLY TH844C

PAGE NUMBER 6A



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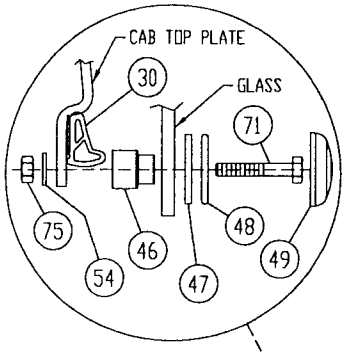
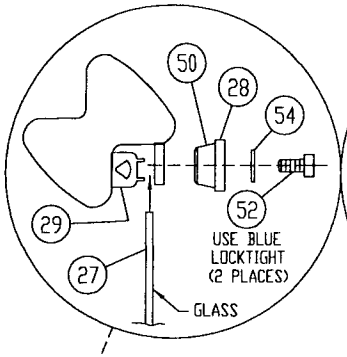
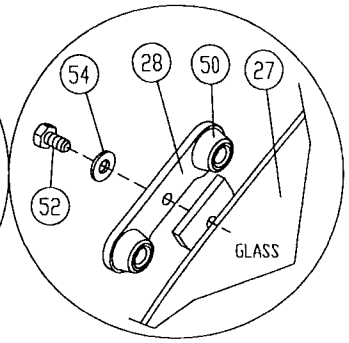


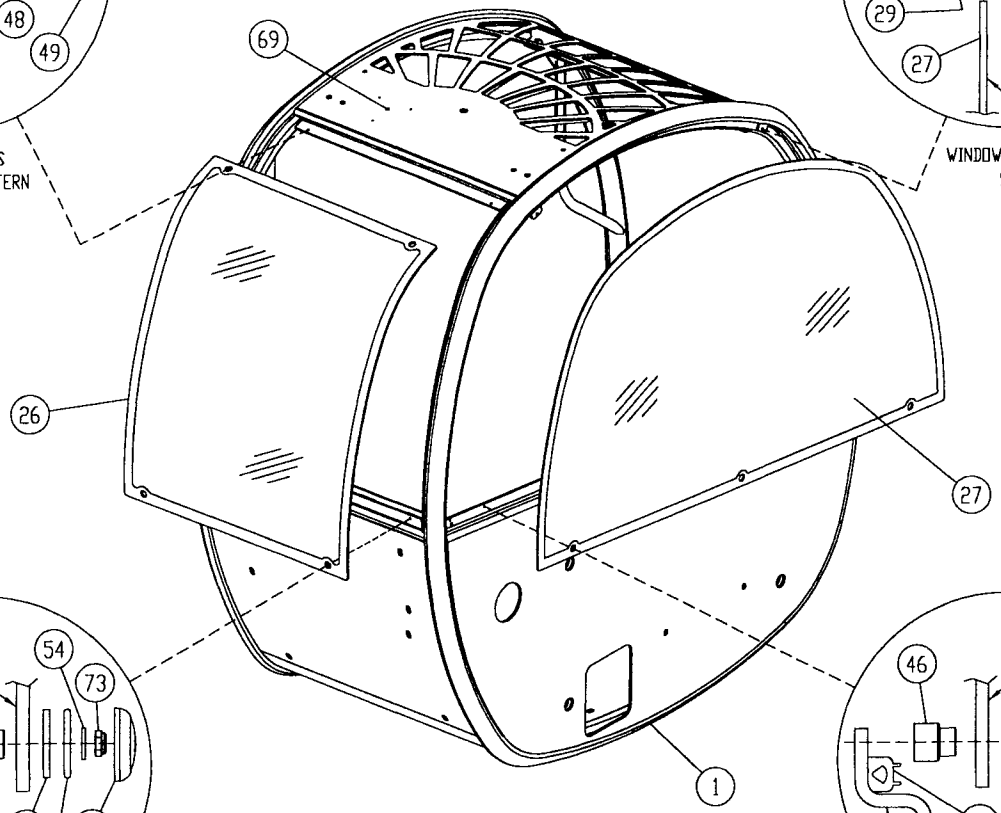
TYPICAL REAR GLASS
TOP EDGE BOLTING PATTERN
5X SCALE

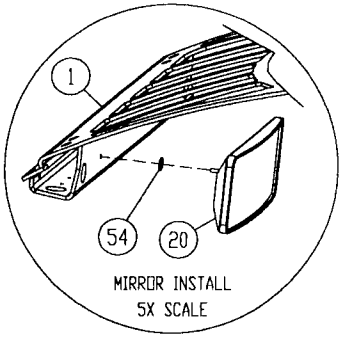


WINDOW CLAMP INSTALL
5X SCALE

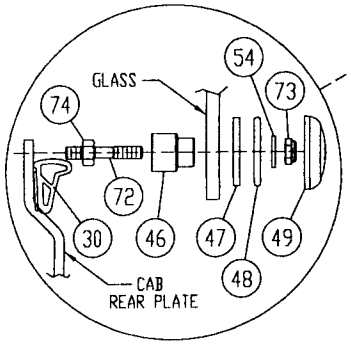


WINDOW CLAMP INSTALL
ALTERNATE VIEW
5X SCALE

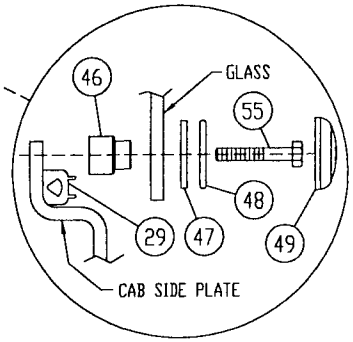




MIRROR INSTALL
5X SCALE



TYPICAL REAR GLASS
BOTTOM EDGE BOLTING PATTERN
5X SCALE



TYPICAL REAR GLASS
TOP EDGE BOLTING PATTERN
5X SCALE

FOR ADDITIONAL CAB INFORMATION SEE OPTIONS SECTION

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ITEM	NUMBER	DESCRIPTION	REQD
1	7-132-168	WELDMENT / OPEN CANOPY MODULE	REF
2	7-197-01	SEAT	1
3	6-6211-05	LOCKWASHER 5/16	4
4	6-6201-05	HEX NUT 5/16 NC	4
5	7-337-01	SEAT BELT	1
6	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	2
7	6-6212-05	FLATWASHER 5/16	2
8	6-6211-05	LOCKWASHER 5/16	2
9	6-6201-05	HEX NUT 5/16 NC	2
10	7-104-01	LEVEL GAGE	1
11	7-147-48	STEERING ORBITRAL	REF
12	7-147-40	STEERING WHEEL	1
13	7-147-41	HORN BUTTON KIT	1
14	7-147-04	NUT / STEERING WHEEL (w/ ITEM 15)	REF
15	7-147-47	COLUMN / STEERING	1
16	7-125-05	TRANSMISSION COLUMN SHIFT CONTROL	1
17	7-132-162	STEP / CAB	1
18	6-5208-10	CAPSCREW 1/2 NC x 1 1/4 LG.	2
19	6-6211-08	LOCKWASHER 1/2	2
20	7-192-01	MIRROR / INTERIOR	1
21	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	6
22	7-146-01	SWITCH / IGNITION / KEY	REF
23	108717	BOLT 1/4 x 5/8 BUTTON HEAD / BLACK	2
24	7-194-84	BOLT 3/8 x 3/4 BUTTON HEAD / SILVER	18
25	7-173-12	FLATWASHER 3/8 SILVER ZINC	18
26	7-132-143	GLASS / REAR	1
27	7-132-144	GLASS / RH SIDE	1
28	7-132-145	CLIP / GLASS RETAINER	2
29	7-132-146	RUBBER / RH SIDE WINDOW MOUNTING	172"
30	7-132-193	RUBBER / REAR WINDOW MOUNTING	136"
31	7-132-147	PANEL / FRONT DASH	1
32	7-132-148	PLATE / JOYSTICK MOUNTING	1
33	7-132-149	PLATE / STEERING SELECTOR MOUNTING	1
34	7-132-150	PLATE / SEAT MOUNT	1
35	7-132-151	COVER / SIDE CONSOLE	1
36	7-132-152	PANEL / FUSE BLOCK ACCESS	1
37	7-132-153	PANEL / STEERING ORBITRAL ACCESS	1
38	7-132-154	PLATE / PEDAL MOUNTING	1
39	7-132-155	FRONT CONSOLE / BLACK PLASTIC	1
40	7-132-156	FLOOR STRUCTURE / BLACK PLASTIC	1
41	7-132-157	SIDE CONSOLE / BLACK PLASTIC	REF
42	7-132-159	HINGED ARM REST / BLACK PLASTIC	REF
43	7-132-166	SIDE CONSOLE ASSEMBLY (ITEMS 41 & 42)	1
44	108675	LOUVER PANEL / STEEL	1
45	7-132-108	SEAT MOUNT RISER	1
46	7-132-247	SPACER / GLASS	7
47	7-132-246	RUBBER SEAL WASHER	7
48	7-132-84	HARD PLASTIC WASHER	7

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ITEM	NUMBER	DESCRIPTION	REQD
49	7-132-74	CAP / BOLT COVER	7
50	7-132-164	RUBBER BUMPER / STICK-ON	4
51	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	26
52	6-5204-04	CAPSCREW 1/4 NC x 1/2 LG.	3
53	6-6211-04	LOCKWASHER 1/4	27
54	6-6212-04	FLATWASHER 1/4	34
55	6-5204-10	CAPSCREW 1/4 NC x 1 1/4 LG.	3
56	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	4
57	6-6212-06	FLATWASHER 3/8	10
58	7-194-82	BOLT / TRI-WING PLASTIC KNOB	1
59	6-5205-08	CAPSCREW 5/16 NC x 1 LG.	4
60	6-6212-05	FLATWASHER 5/16	8
61	6-6205-05	SELF-LOCKING NUT 5/16 NC	4
62	6-6211-06	LOCKWASHER 3/8	6
63	7-164-05	NGR PANEL PLUG	1
64	7-164-04	SWITCH / SWAY CONTROL	1
65	7-144-10	HOLE PLUG / 1 3/16 / 12V ACC. PLUG	1
66	7-144-03	HOLE PLUG / 3/4 / WIPER SHAFT	2
67	7-144-08	HOLE PLUG / 5/16 / WIPER BOLTS	4
68	7-144-01	HOLE PLUG / 7/16 / WINDSHIELD WASHER	2
69	7-144-07	HOLE PLUG / 3/8 / STROBE LIGHT WIRES	1
70	7-173-13	HOLE PLUG / 3 IN.	7
71	6-5204-12	CAPSCREW 1/4 NC x 1 1/2 LG.	2
72	7-132-244	STUD / 1/4-20 / PLATED	2
73	7-132-245	NYLOCK JAM NUT 1/4-20	2
74	6-6201-04	HEX NUT 1/4 NC	2
75	6-6205-04	SELF-LOCKING NUT 1/4 NC	2
76	7-127-16	SWITCH / DIFFERENTIAL LOCK	REF
77	6-5204-04	CAPSCREW 1/4 NC x 1/2 LG.	2
78	6-6211-04	LOCKWASHER 1/4	2

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NOTES

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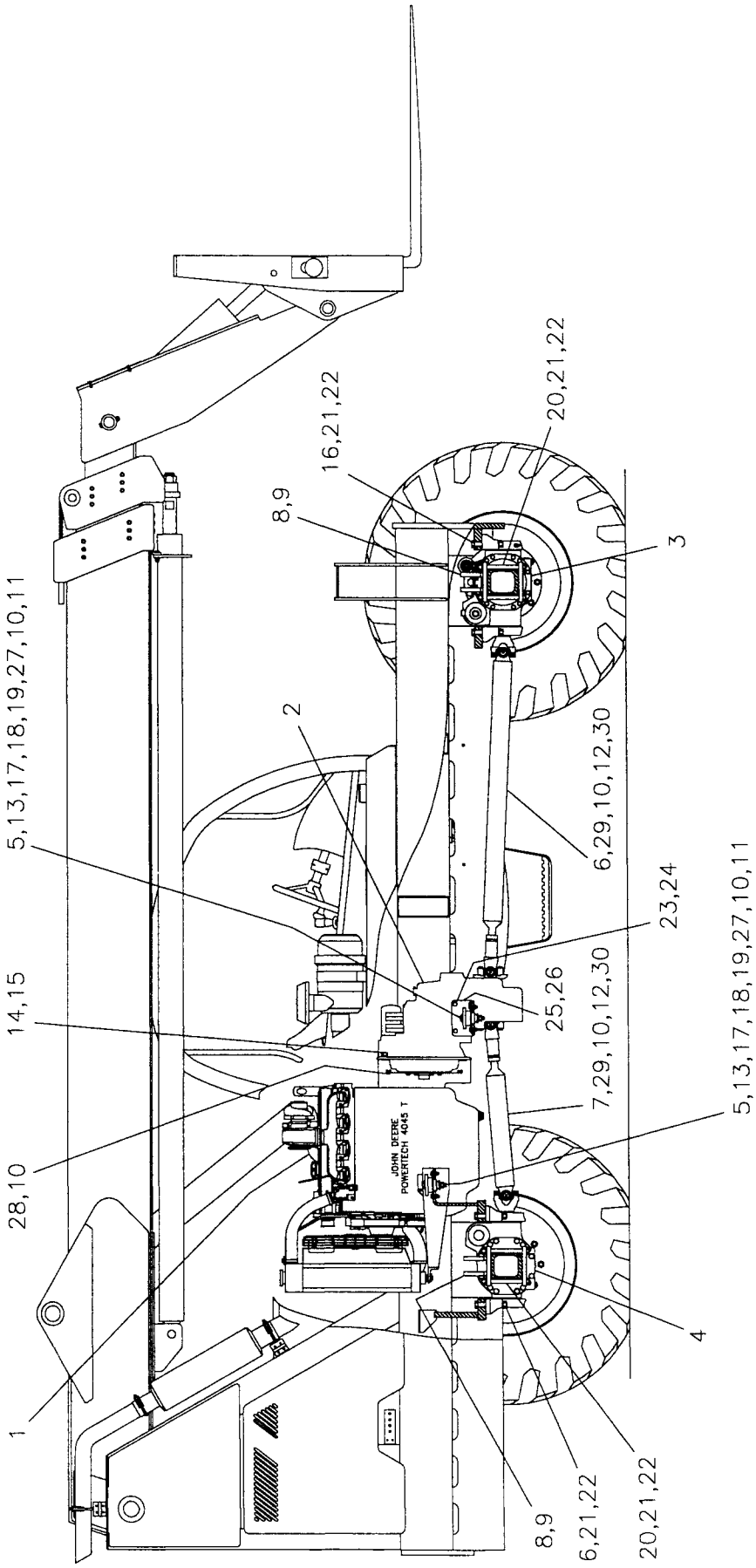

7	PAGE NUMBER	POWER TRAIN ASSEMBLY TH844C w/ JD-4045 TIER II ENGINE	DRAWING NUMBER	P1-2104

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ITEM	NUMBER	DESCRIPTION	REQD
1	P1-2105	ENGINE and PUMP ASSEMBLY	REF
2	7-126-767	TRANSMISSION ASSEMBLY	1
3	108654	AXLE ASSEMBLY / FRONT	1
4	108498	AXLE ASSEMBLY / REAR	1
5	6-6201-06	HEX NUT 3/8 NC	8
6	108496	DRIVESHAFT / FRONT	1
7	7-229-888	DRIVESHAFT / REAR	1
8	108489	BASE PLATE / SWAY MOUNT	4
9	108491	MOUNT / SWAY / RH & LH	4
10	6-6211-06	LOCKWASHER 3/8	24
11	6-6212-10	FLATWASHER 5/8	6
12	6-5306-14	CAPSCREW 3/8 NF x 1 3/4 LG.	8
13	7-326-02	RUBBER MOUNT / ENGINE	4
14	6-8510-40	CAPSCREW 10mm x 1.5 x 40mm LG.	11
15	6-9111-10	LOCKWASHER 10mm	11
16	6-5212-48	CAPSCREW 3/4 NC x 6 LG.	8
17	6-5210-32	CAPSCREW 5/8 NC x 4 LG.	4
18	6-6211-10	LOCKWASHER 5/8	4
19	6-6201-10	HEX NUT 5/8 NC	4
20	6-5212-68	CAPSCREW 3/4 NC x 8 1/2 LG.	16
21	6-6211-12	LOCKWASHER 3/4	24
22	6-6201-12	HEX NUT 3/4 NC	24
23	6-8112-35	CAPSCREW 12mm x 1.75 x 35mm LG.	5
24	6-9111-12	LOCKWASHER 12mm	5
25	3-1360-1	MOUNT / TRANSMISSION / LH	1
26	3-1360-2	MOUNT / TRANSMISSION / RH	1
27	6-5206-10	CAPSCREW 3/8 NC x 1 1/4 LG.	8
28	6-5306-14	CAPSCREW 3/8 NF x 1 3/4 LG.	8
29	7-229-895	STRAP / DRIVESHAFT U-JOINT	4
30	7-229-896	FLANGE 12-PT. SCREW 3/8 NF x 3/4 LG.	8

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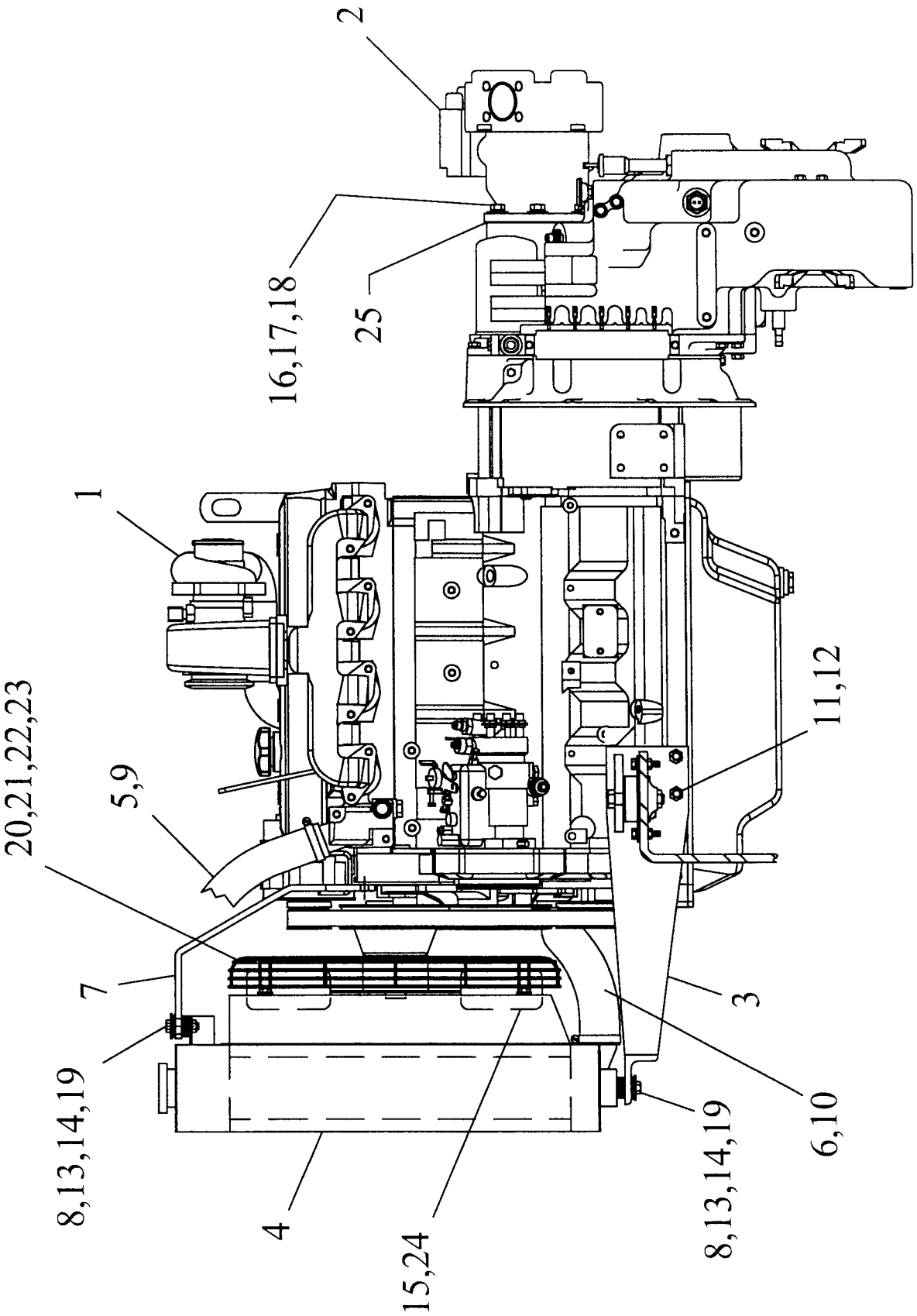

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ITEM	NUMBER	DESCRIPTION	REQD
1	7-183-224	ENGINE ASSY / JD-4045TF270	1
2	7-112-05	PUMP / PISTON TYPE / 51cc	1
3	108527	MOUNT / ENGINE / FRONT	1
4	7-362-05	RADIATOR	1
5	7-158-72	RADIATOR HOSE / UPPER	1
6	7-158-73	RADIATOR HOSE / LOWER	1
7	4-2065	UPPER RADIATOR MOUNT	1
8	7-190-04	RUBBER MOUNT / CENTER BONDED	3
9	6-6252-07	CLAMP / RADIATOR HOSE	2
10	6-6252-09	CLAMP / RADIATOR HOSE	2
11	6-8112-35	CAPSCREW 12mm x 1.75 x 35mm	6
12	6-9111-12	LOCKWASHER 12mm	6
13	6-5206-16	CAPSCREW 3/8 NC x 2 LG.	3
14	6-6205-06	SELF LOCKING NUT 3/8 NC	3
15	7-183-38	FAN / BLOWER / 18 IN. (w/ ENGINE)	REF
16	6-5208-20	CAPSCREW 1/2 NC x 2 1/2 LG.	4
17	6-6212-08	FLATWASHER 1/2	4
18	6-6211-08	LOCKWASHER 1/2	4
19	7-190-02	WASHER / BONDED RUBBER MOUNT	3
20	4-1685	FAN GUARD / 18 IN. FAN	1
21	6-5205-08	CAPSCREW 5/16 NC x 1 LG.	4
22	6-6211-05	LOCKWASHER 5/16	4
23	6-6212-06	FLATWASHER 3/8	4
24	7-183-96	SPACER / FAN / 2 IN. (w/ ENGINE)	REF
25	7-126-517	GASKET / PUMP DRIVE	1

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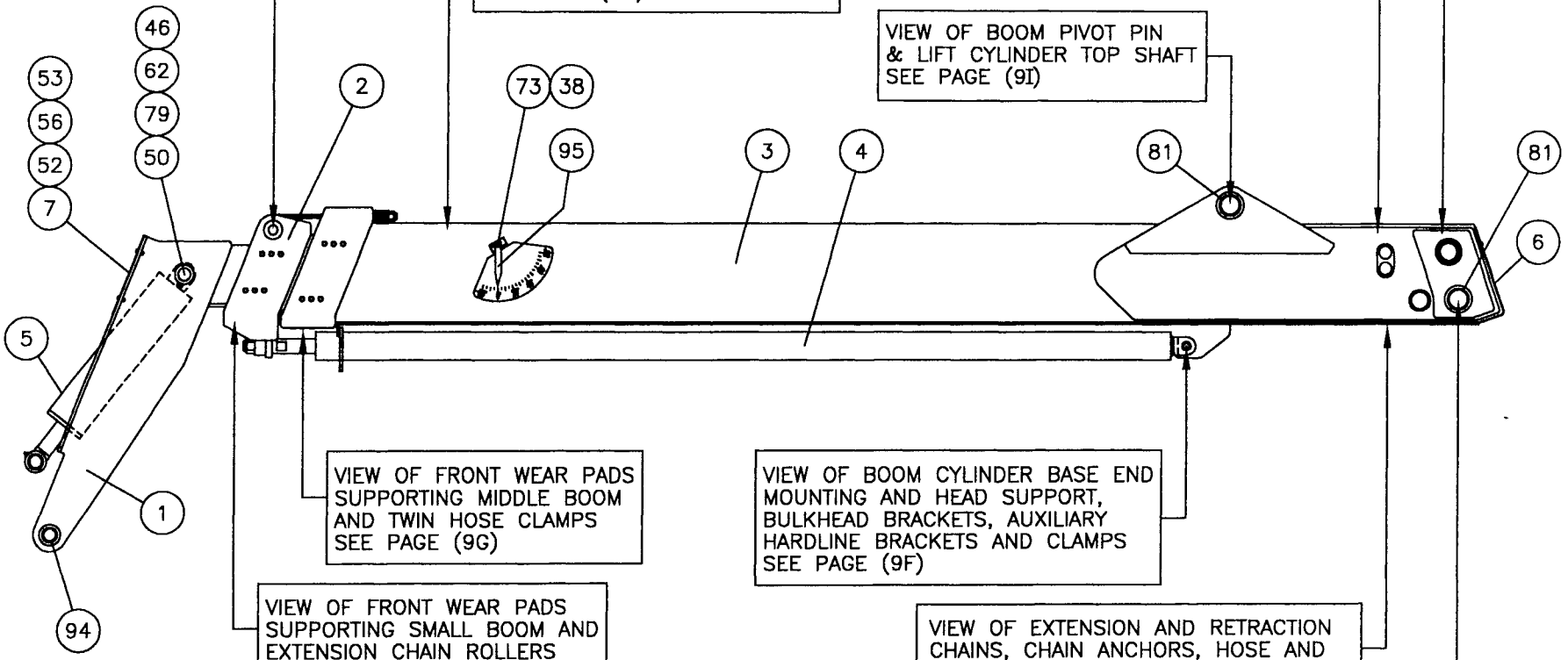
BOOM ASSEMBLY
TH844C



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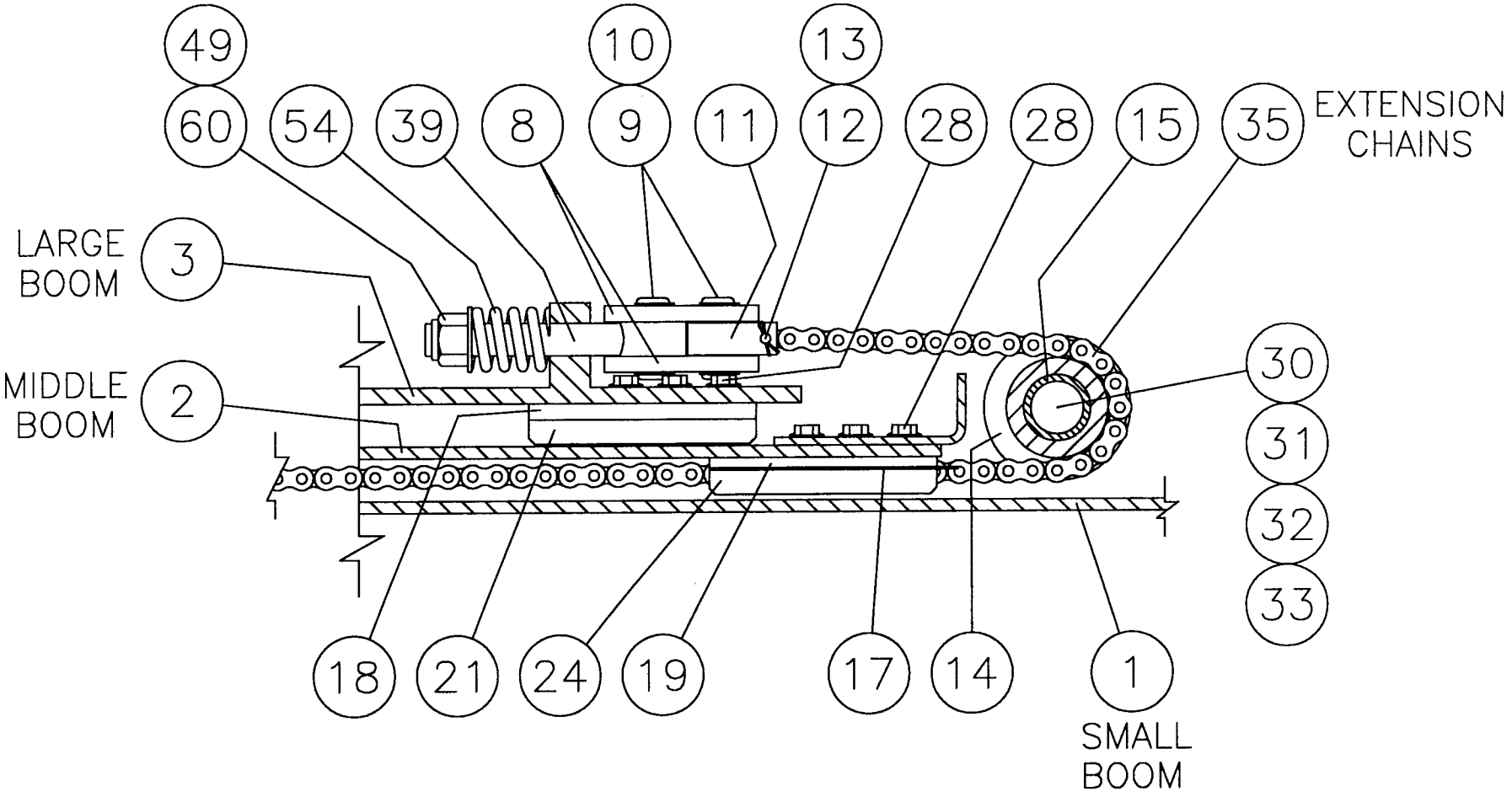

VIEW OF EXTENSION CHAIN, ROLLER AND DUAL CHAIN ANCHOR ADJUSTER

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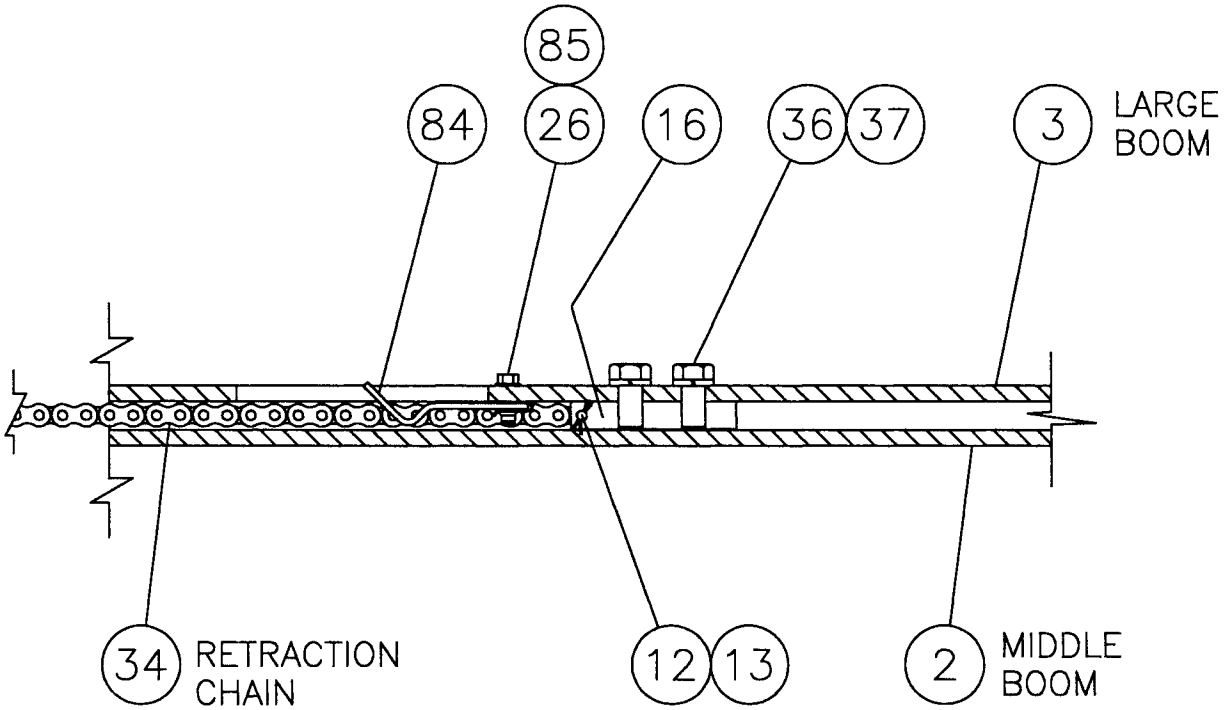

VIEW OF RETRACTION CHAIN AND BULKHEAD BRACKETS MOUNTED TO TOP OF LARGE BOOM

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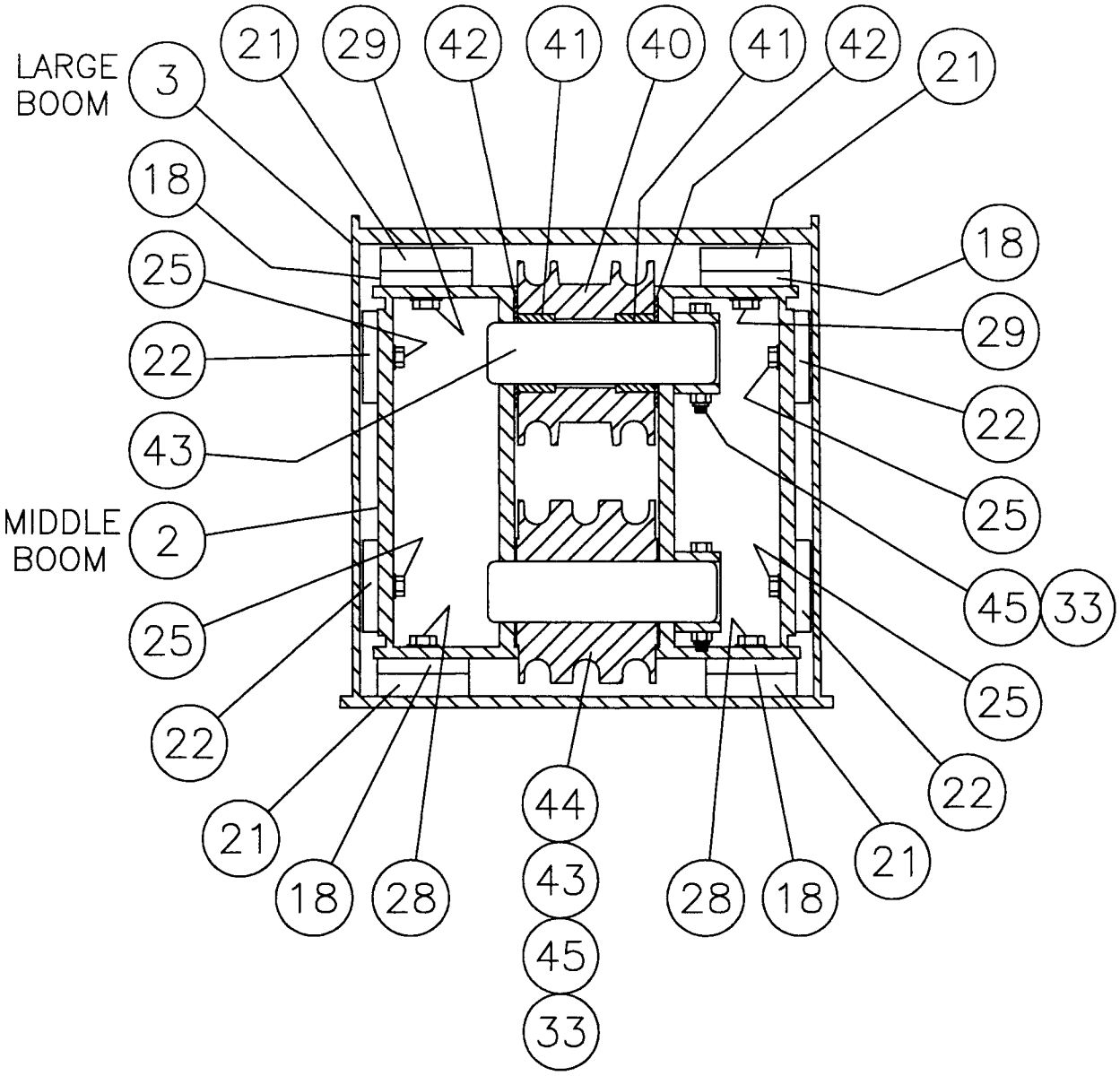

VIEW OF REAR WEAR PADS, CHAIN AND HOSE ROLLERS MOUNTED TO MIDDLE BOOM

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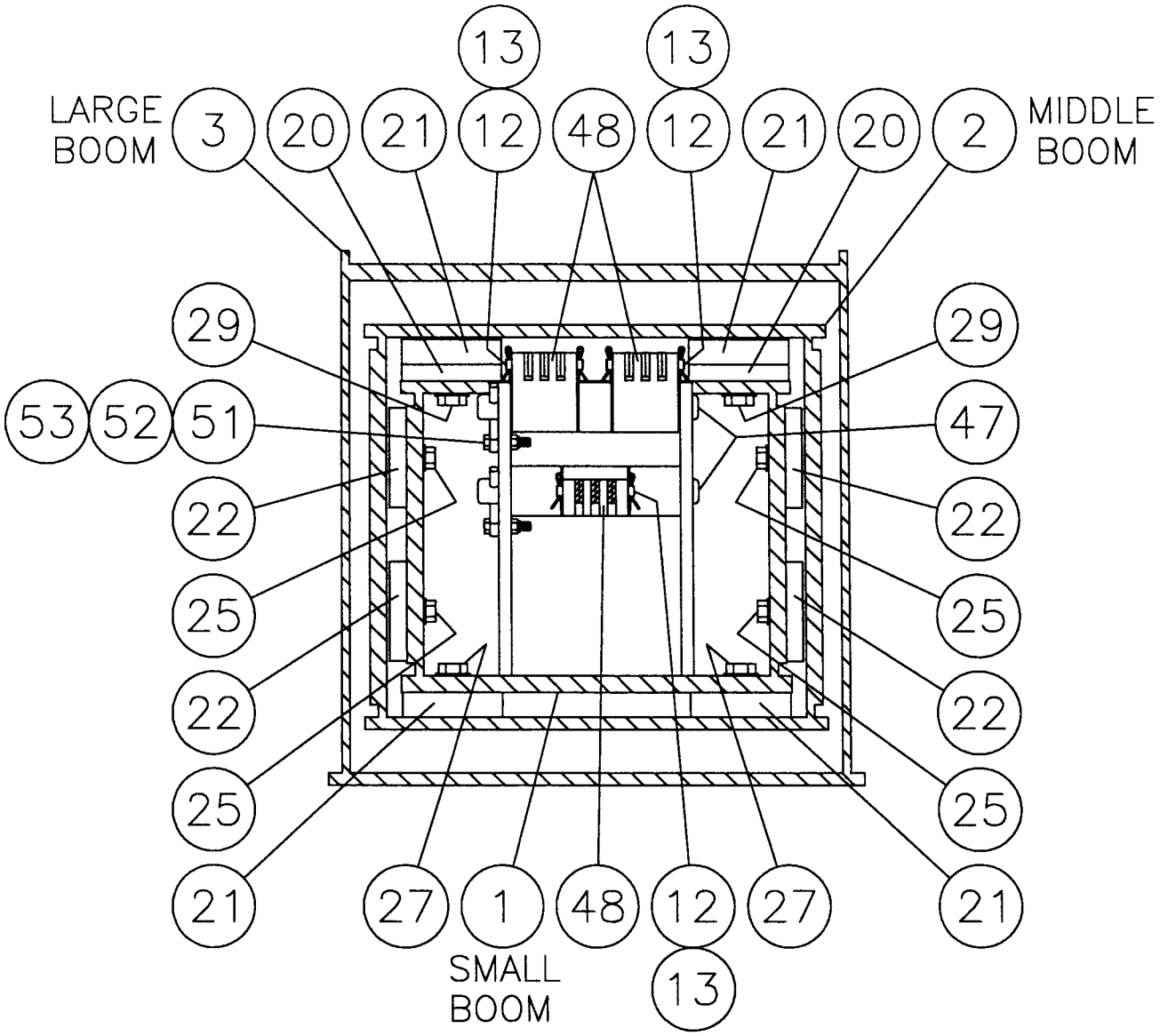
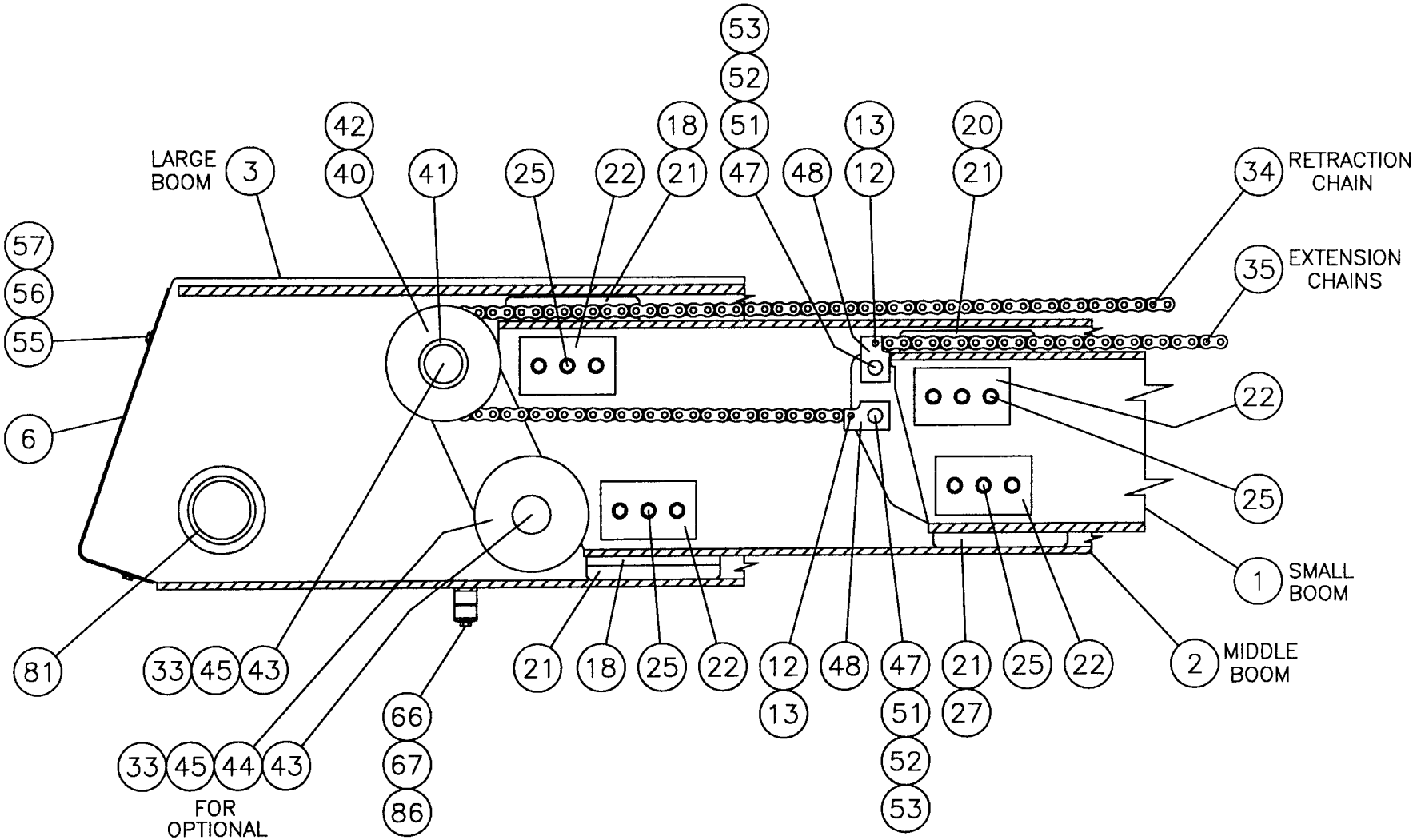


VIEW OF REAR WEAR PADS AND CHAIN ANCHORS MOUNTED TO SMALL BOOM

https://truckmanualshub.com/



VIEW OF EXTENSION AND RETRACTION CHAINS, CHAIN ANCHORS, HOSE AND CHAIN ROLLERS AND REAR WEAR PADS FOR SMALL AND MIDDLE BOOM

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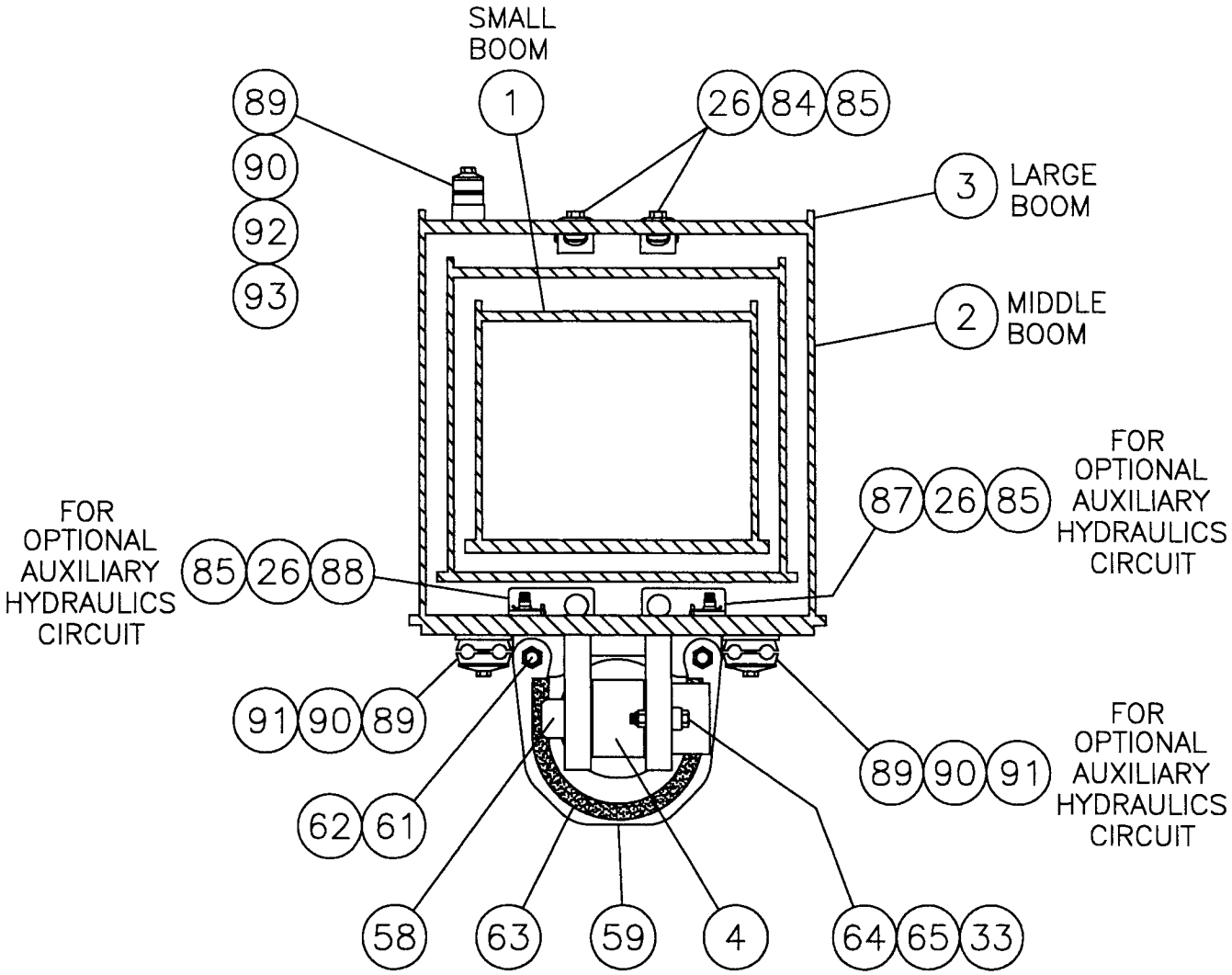

VIEW OF BOOM CYLINDER BASE END MOUNTING AND HEAD SUPPORT, BULKHEAD BRACKETS, AUXILIARY HARDLINE BRACKETS AND CLAMPS

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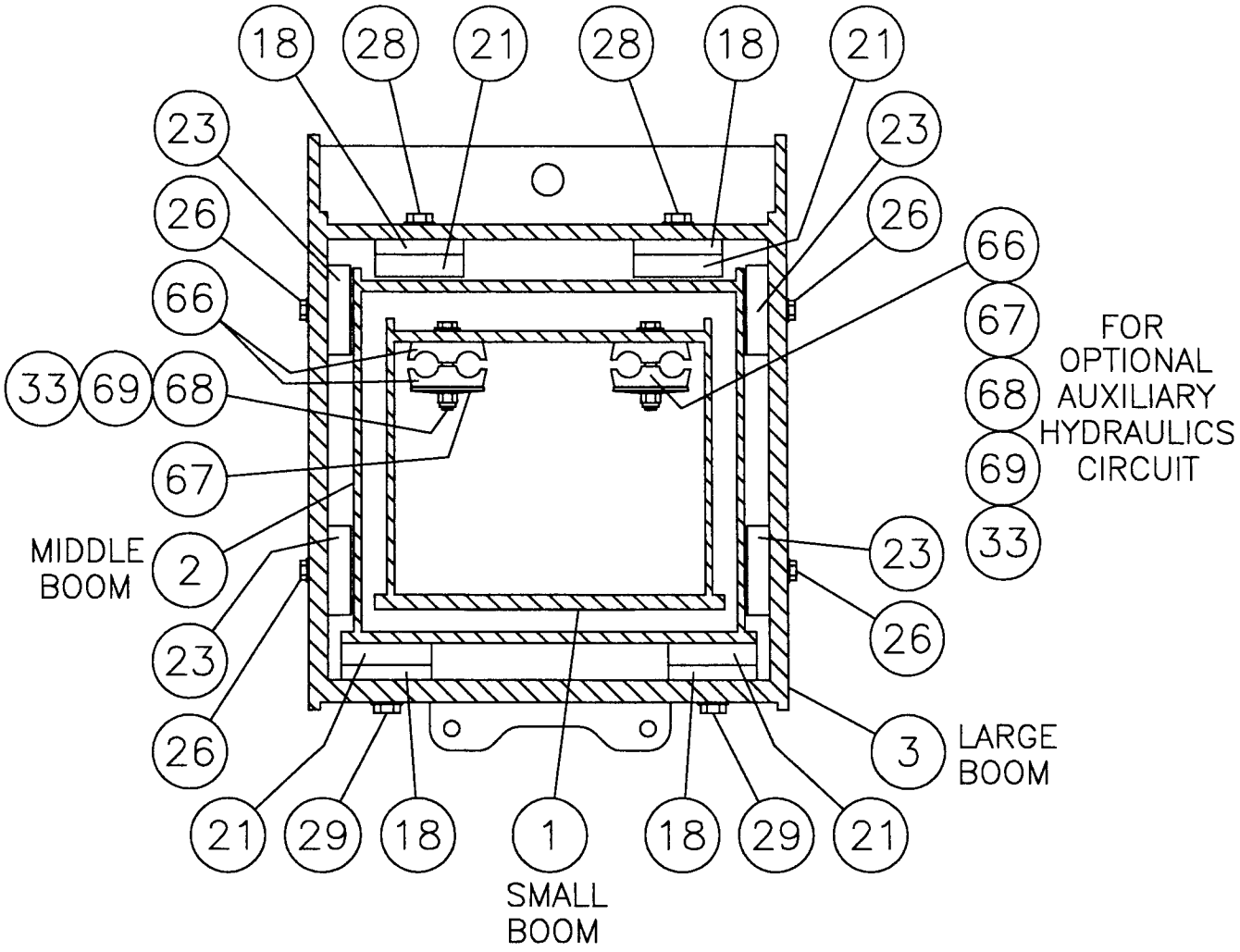

VIEW OF FRONT WEAR PADS SUPPORTING MIDDLE BOOM AND TWIN HOSE CLAMPS

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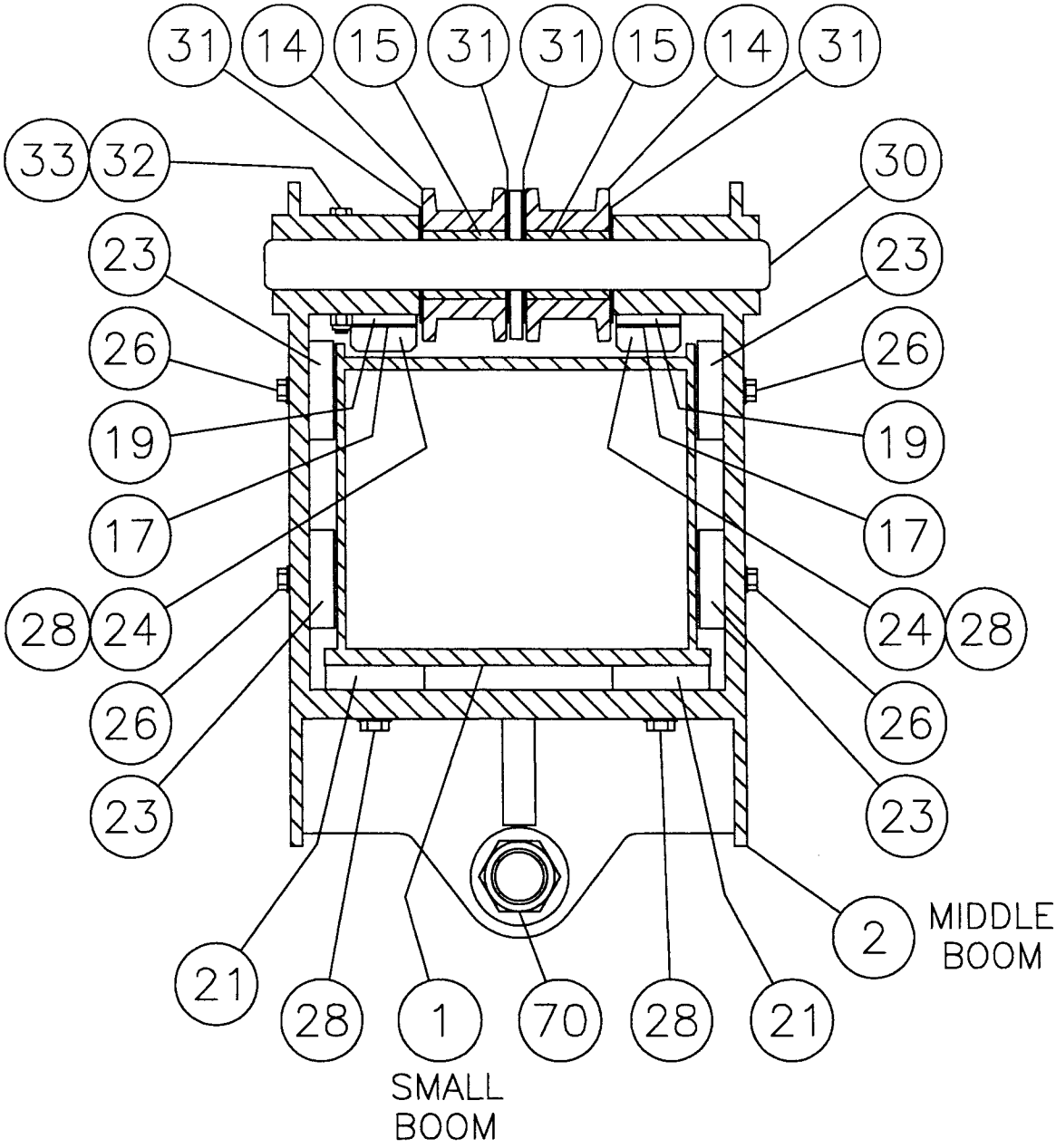

VIEW OF FRONT WEAR PADS SUPPORTING SMALL BOOM AND EXTENSION CHAIN ROLLERS

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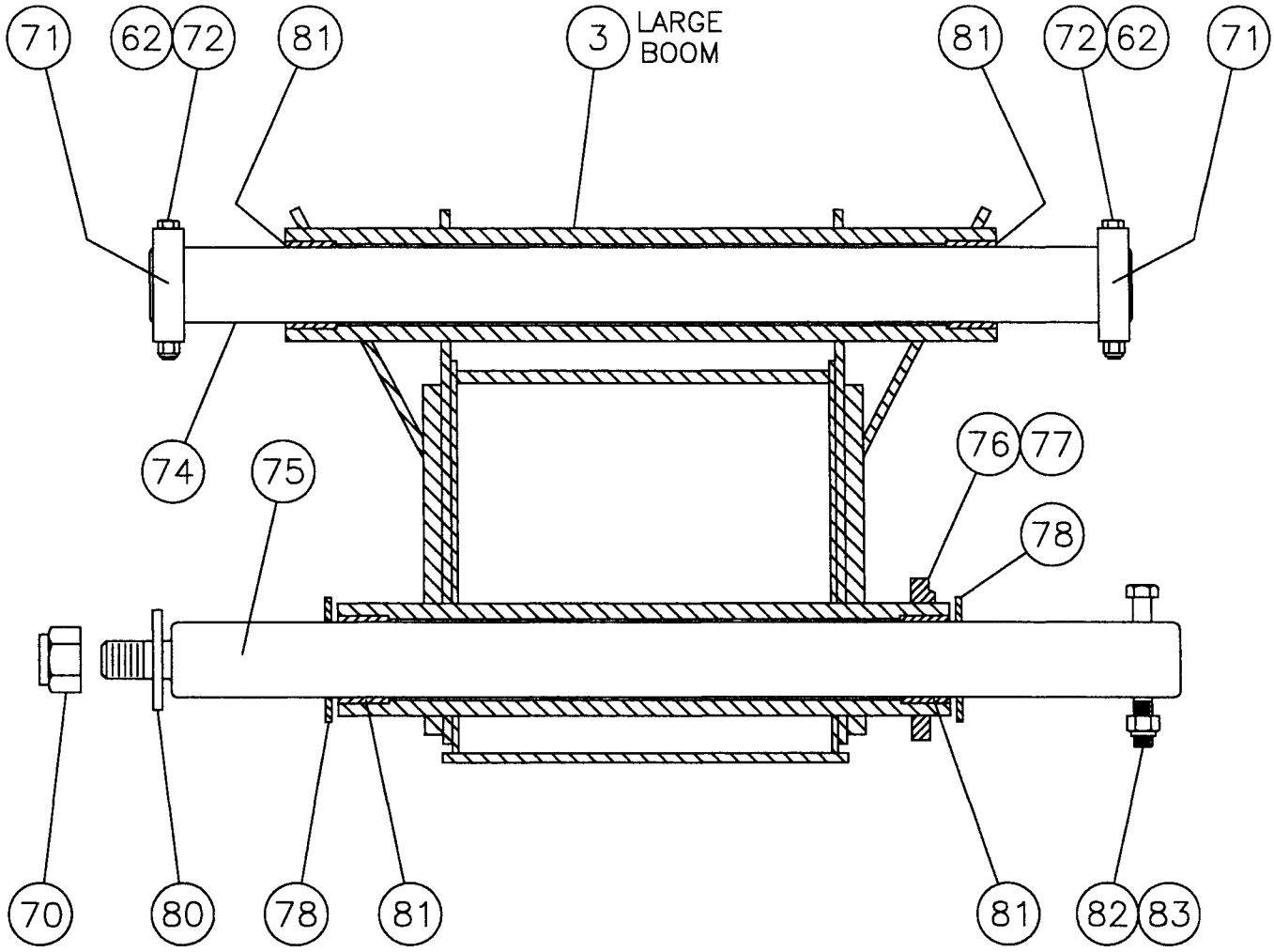

VIEW OF BOOM PIVOT PIN
& LIFT CYLINDER TOP SHAFT

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ITEM	NUMBER	DESCRIPTION	REQD
1	5-2009	WELDMENT / SMALL BOOM	1
2	5-2010	WELDMENT / MIDDLE BOOM	1
3	5-2014	WELDMENT / LARGE BOOM	1
4	7-316-211	CYLINDER ASSEMBLY / BOOM EXTEND	1
5	7-316-238	CYLINDER ASSEMBLY / FORK TILT	1
6	5-2032	COVER / REAR	1
7	5-2033	COVER / FRONT	1
8	5-2028	PLATE / CHAIN PIVOT	2
9	5-2043-1	PIN / CHAIN ANCHOR PIVOT PLATES	3
10	44662	SNAP RING / EXTERNAL / 1.00 DIA.	6
11	5-2027	ANCHOR / EXTEND CHAIN	2
12	2-1052-3	PIN / CHAIN TO CHAIN ANCHOR	6
13	6-6243-06	COTTER PIN / 3/32 x 3/4 LG.	12
14	4-1246-4	CHAIN SHEAVE	2
15	5-2046-1	BEARING / 1.50 ID x 2.06 OD x 2.56 LG.	2
16	4-1237-2	CHAIN ANCHOR / BOLT-ON	1
17	5-2134	SHIM / 2 x 7 x .06 THICK	2
18	5-2129	SPACER / 7 x 3 x .50 THICK	8
19	5-2135	SPACER / 7 x 2 x .375 THICK	2
20	5-2138	SPACER / 7 x 3 x .375 THICK	2
21	5-2100-6	WEAR PAD / 7 x 3 x .75 THICK	14
22	5-2101-4	WEAR PAD / 5 x 3 x .50 THICK	8
23	5-2132-6	WEAR PAD / 7 x 3 x .75 THICK	8
24	5-2133-6	WEAR PAD / 7 x 2 x .75 THICK	2
25	5-2099-7	BOLT / FLANGE / 3/8-16 x 1.25 LG.	24
26	5-2099-10	BOLT / FLANGE / 3/8-16 x .875 LG.	26
27	5-2109-8	BOLT / FLANGE / 1/2-13 x 1.00 LG.	6
28	5-2109-12	BOLT / FLANGE / 1/2-13 x 1.50 LG.	24
29	5-2109-14	BOLT / FLANGE / 1/2-13 x 1.75 LG.	18
30	5-2041-18	PIN / CHAIN SHEAVE	1
31	36603	WASHER / FLAT / 1.56 x 3.5 x .061	4
32	6605	SCREW / HHC / 3/8-16 x 3.5 LG.	1
33	4828	NUT / NYLOCK / 3/8-16	4
34	5-2040-243	CHAIN / BL-666 LEAF / 243 LINKS	1
35	5-2040-257	CHAIN / BL-666 LEAF / 257 LINKS	2
36	6-5312-12	SCREW / HHC / 3/4-16 x 1.5 LG.	2
37	34550	WASHER / LOCK / .75 PLTD	2
38	5397	WASHER / FLAT / 5/16	1
39	5-2030	ROD END / CHAIN TENSIONER	1
40	4-1074-8	SHEAVE / CHAIN AND HOSE	1
41	5-2046-3	BEARING / 2.00 ID x 2.56 OD x 1.25 LG.	2
42	18730	WASHER / FLAT / 2.01 x 3.5 x .06	2
43	5-2041-2	PIN / HOSE SHEAVE (1 STD. / 1 OPTIONAL)	1
44	5-2038	SHEAVE / HOSE (OPTIONAL)	REF
45	21604	SCREW / HHC / 3/8-16 x 3.25 LG.	1
46	94643	ZERK / GREASE / 5/16-24 STR.	1
47	5-2041-19	PIN / CHAIN ANCHOR MOUNTING	2
48	5-2127	ANCHOR / CHAIN	3
49	13775	WASHER / FLAT 1.063 x 2 x .134 THICK	1
50	5-2048-1	PIN / BASE TILT CYL. TO SM. BOOM	1
51	45748	ROD END / .250 x 2.75 LG.	2
52	8915	SCREW / HHC / 1/4-20 x 1.25 LG.	6
53	6091	NUT / NYLOCK / 1/4-20	6

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ITEM	NUMBER	DESCRIPTION	REQD
54	7-194-01	SPRING / COMPRESSION	1
55	6090	SCREW / HHC / 1/4-20 x .75 LG.	4
56	6638	WASHER / FLAT / 1/4	8
57	56912	SPRING CLIP / 1/4-20 / ZINC	4
58	5-2041-1	PIN / BASE BOOM CYLINDER	1
59	5-2039	RETAINER / EXTEND CYLINDER	1
60	5-2137	NUT / NYLOCK / 1-14	1
61	22788	SCREW / HHC / 1/2-13 x 1.75 LG.	2
62	6198	NUT / NYLOCK / 1/2-13	5
63	7-277-01	EDGING 1/2 x 11 1/2 LG. (PER INCH)	12
64	45226	ROD END / .375 x 3.69 LG.	1
65	5224	SCREW / HHC / 3/8-16 x 2 LG.	1
66	7-273-32	CLAMP HALF SET / TWIN HOSE	3
67	7-273-26	COVER PLATE / TWIN HOSE CLAMP	3
68	14033	SCREW / HHC / 3/8-16 x 2.75 LG.	1
69	6097	WASHER / FLAT / 3/8	1
70	6-6206-24	NUT / NYLOCK / 1 1/2 NF	2
71	6-2524-10	COLLAR / LIFT CROSS PIN	2
72	22786	SCREW / HHC / 1/2-13 x 5.5 LG.	2
73	47094	SCREW / HHC / 5/16-18 x .50 LG.	1
74	5-2042-1	PIN / HEAD LIFT CYLINDERS TO BOOM	1
75	5-2044	PIN / CHASSIS TO BOOM MAIN PIVOT	1
76	108667	SWITCH ACTIVATOR	1
77	6-6275-04	SCREW / SET / 3/8-16 x .75 LG.	3
78	6-6600-14	THRUST WASHER 5.00 x 3.00 x .250	2
79	47279	SCREW / HHC / 1/2-13 x 3.75 LG.	1
80	1-1306	STEEL WASHER	1
81	5-2046-4	BEARING / 3.00 ID x 3.50 OD x 2.00 LG.	4
82	38509	SCREW / HHC / 3/4-10 x 6.00 LG.	1
83	10258	NUT / NYLOCK / 3/4-10	1
84	5-2095	FORMING / BULKHEAD BRACKET	2
85	29868	SPRING CLIP / 3/8-16	2
86	50793	SCREW / HHC / 5/16-18 x 2 LG.	2
87	5-2096	FORMING / HARDLINE BULKHEAD / RH	REF
88	5-2136	FORMING / HARDLINE BULKHEAD / LH	REF
89	7-273-39	CLAMP HALF SET / 5/8 TWIN TUBE	6
90	7-273-23	COVER PLATE / 5/8 TWIN TUBE CLAMP	6
91	13000	SCREW / HHC / 5/16-18 x 1.25 LG.	5
92	14723	SCREW / HHC / 5/16-18 x 1.75 LG.	1
93	36456	SPRING CLIP / 5/16-18	1
94	5-2046-2	BEARING / 2.00 ID x 2.50 OD x 1.50 LG.	2
95	5-2131	PLATE / ANGLE INDICATOR	1

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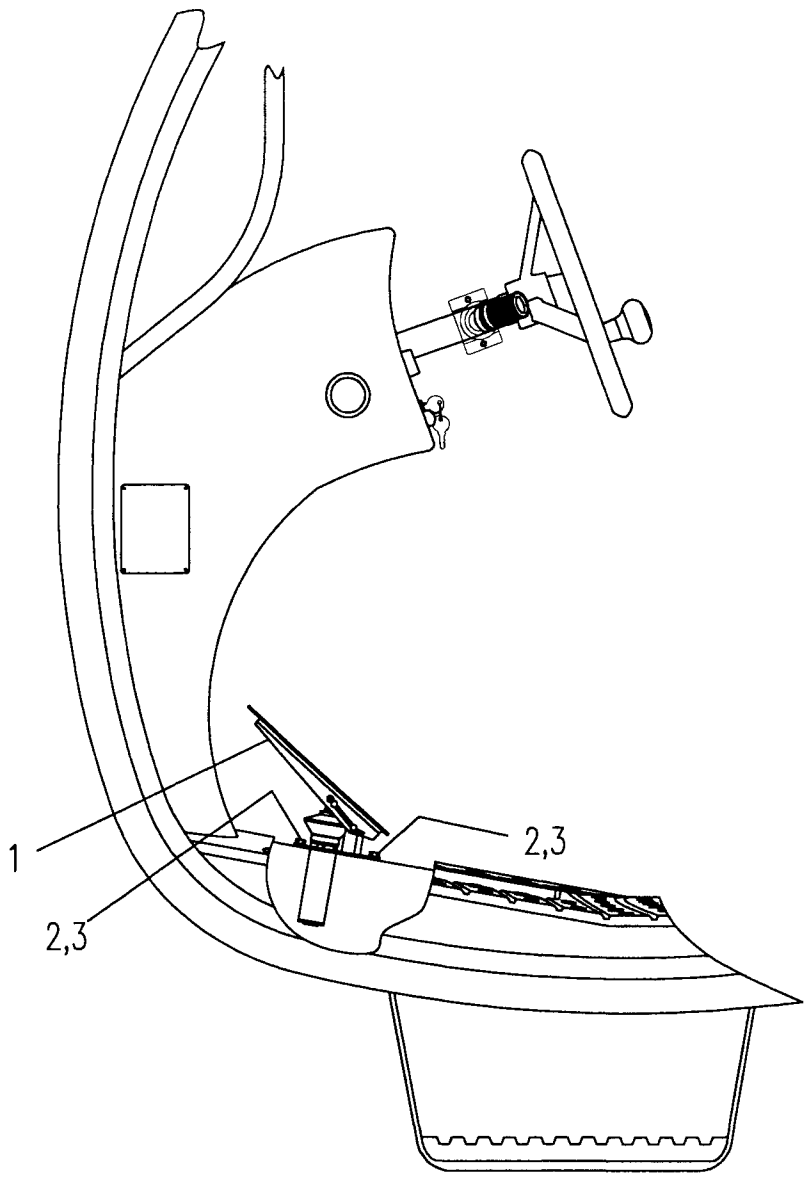

ITEM	NUMBER	DESCRIPTION	REQD
1	7-186-01	ACTUATOR / FOOT BRAKE PEDAL	REF
2	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	4
3	6-6211-04	LOCKWASHER 1/4	4

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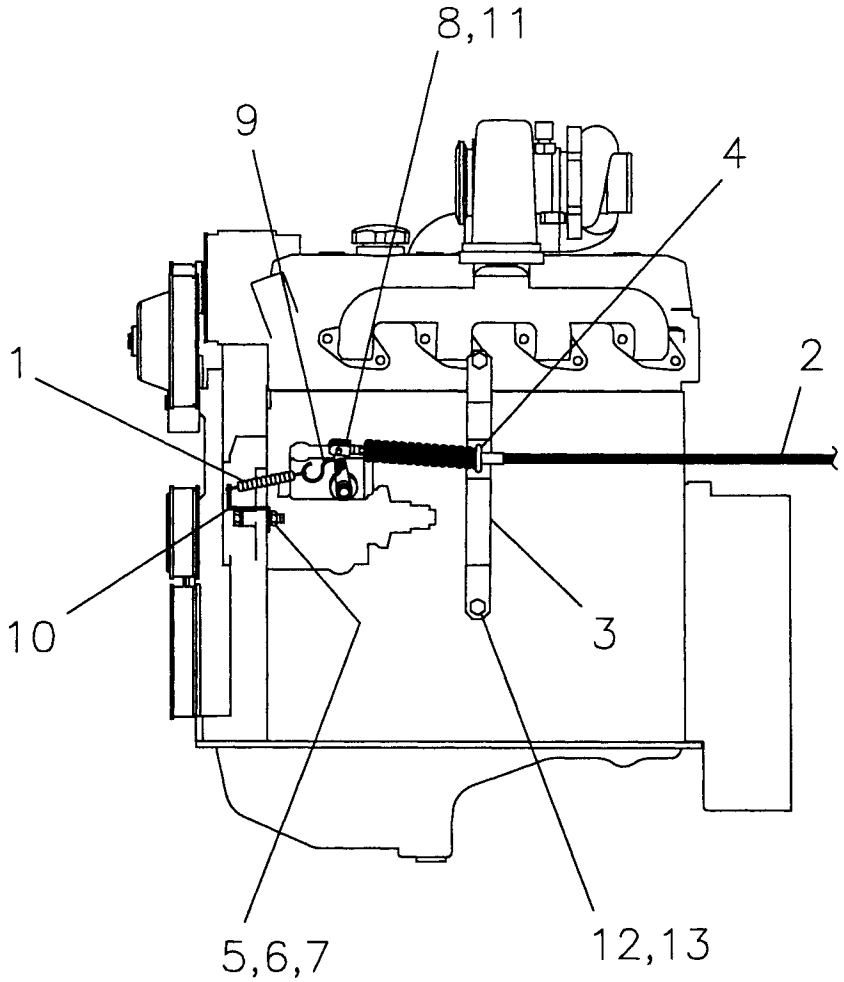

ITEM	NUMBER	DESCRIPTION	REQD
1	7-194-20	SPRING / RETURN	1
2	7-183-240	CABLE / ACCELERATOR	REF
3	3-1213	MOUNT / ACCELERATOR CABLE	1
4	7-194-07	U-BOLT W/ NUTS	1
5	6-8108-55	CAPSCREW 8 mm x 1.25 x 55 mm LG.	1
6	6-9111-08	LOCKWASHER 8 mm	1
7	6-9101-08	HEX NUT 8 mm	1
8	7-194-05	YOKE W/ CLEVIS PIN & COTTER PIN	1
9	7-194-18	S-HOOK	1
10	1-1017	MOUNT / RETURN SPRING	1
11	6-6208-04	JAM NUT 1/4-28 (w/ CABLE)	REF
12	6-8514-25	CAPSCREW 14 mm x 2.0 x 25 mm LG.	REF
13	6-9111-14	LOCKWASHER 14 mm	REF

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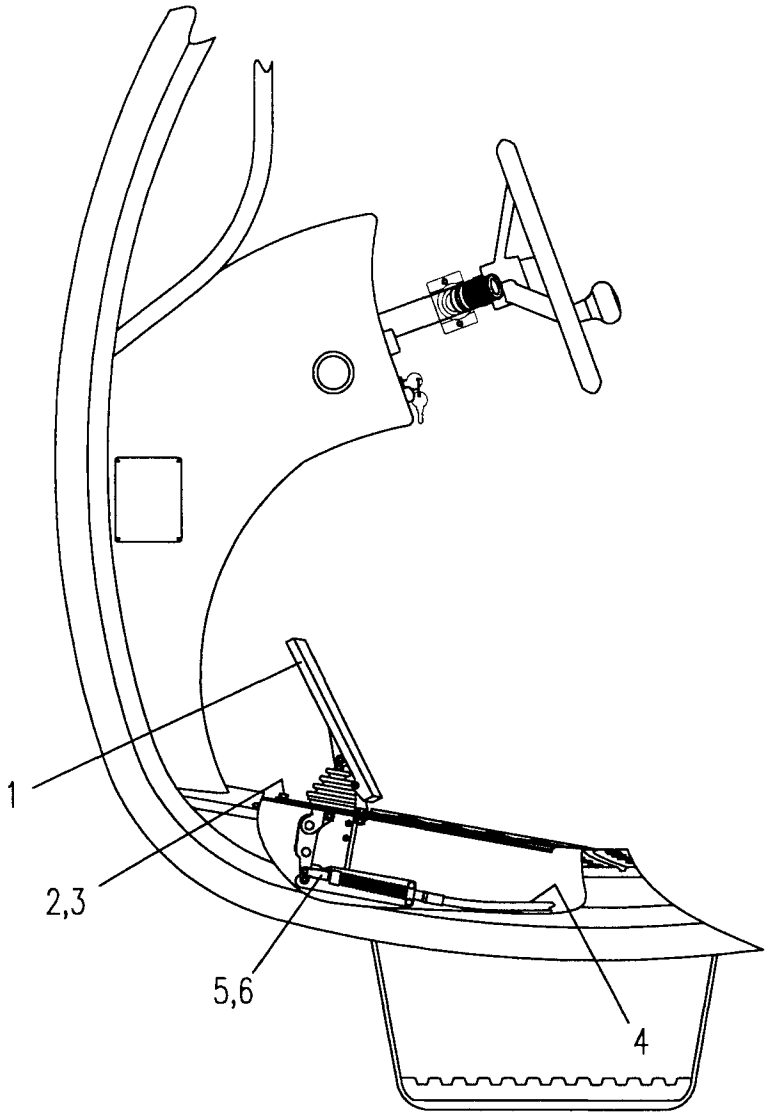

ITEM	NUMBER	DESCRIPTION	REQD
1	7-120-11	PEDAL / ACCELERATOR	1
2	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	3
3	6-6211-04	LOCKWASHER 1/4	3
4	7-183-240	CABLE / ACCELERATOR	1
5	7-194-05	YOKE w/ CLEVIS PIN & COTTER PIN	1
6	6-6208-04	JAM NUT 1/4-28 (w/ CABLE)	REF

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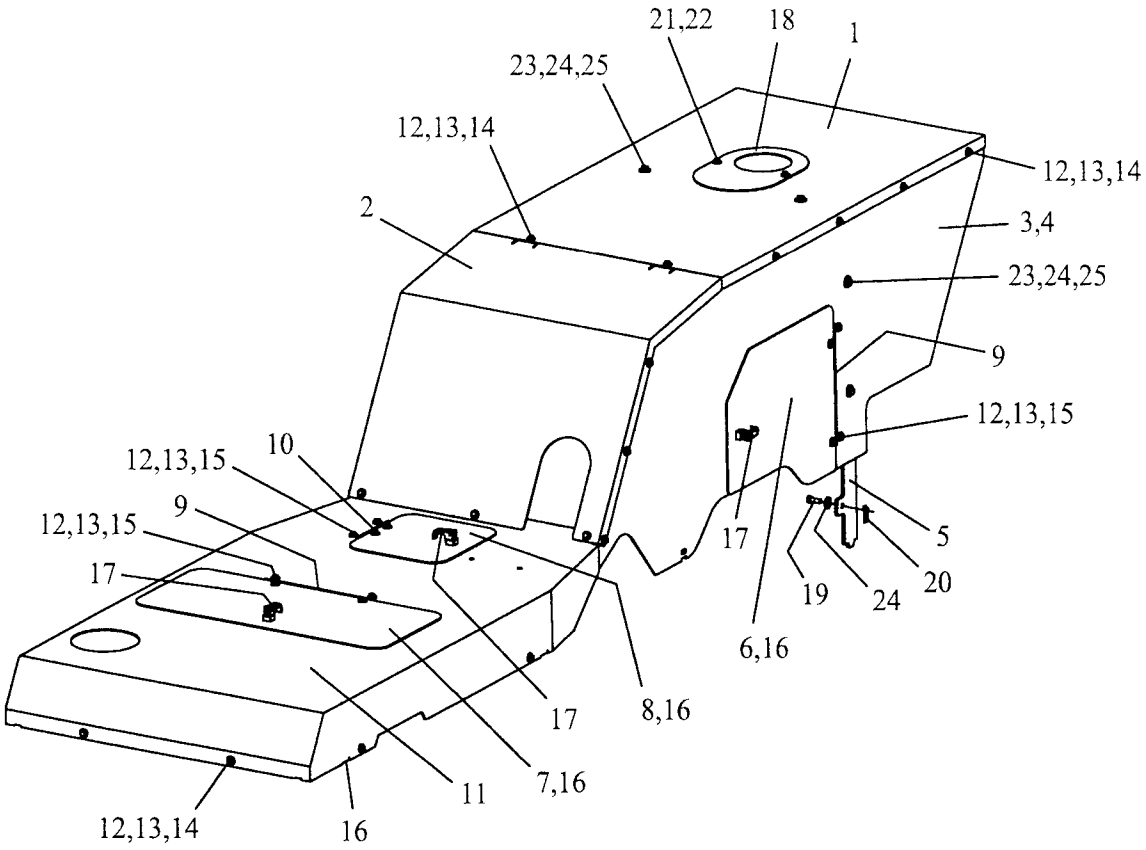

ITEM	NUMBER	DESCRIPTION	REQD
1	108480	COVER / TOP ENGINE	1
2	5-2067-2	COVER / MIDDLE ENGINE	1
3	108492	COVER / LH ENGINE	1
4	108493	COVER / RH ENGINE	1
5	108481	FORMING / ENGINE COVER SUPPORT	1
6	108494	COVER / ENGINE ACCESS / RH & LH	2
7	5-2001-8	COVER / BATTERY ACCESS	1
8	5-2001-9	COVER / ENGINE ACCESS	1
9	5-2001-10	HINGE / BATTERY & SIDE COVERS	3
10	5-2001-11	HINGE / ACCESS COVER	1
11	5-2067-12	COVER / FRONT ENGINE	1
12	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	45
13	6-6212-04	FLATWASHER 1/4	47
14	7-173-04	SPRING CLIP 1/4 NC	29
15	6-6205-04	SELF-LOCKING NUT 1/4 NC	16
16	7-199-01	BUMPER / SNAP-IN	14
17	7-195-01	LATCH / COMPRESSION / SMALL	4
18	108483	PLATE / RADIATOR FILL COVER	1
19	6-5206-10	CAPSCREW 3/8 NC x 1 1/4 LG.	3
20	7-173-06	SPRING CLIP 3/8 NC	3
21	6-5204-05	CAPSCREW 1/4 NC x 5/8 LG.	2
22	006889	NUT / LP NYLOCK / 14-20	2
23	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	6
24	6-6212-06	FLATWASHER 3/8	9
25	108581	SPRING CLIP / 3/8 NC / LONG THROAT	6

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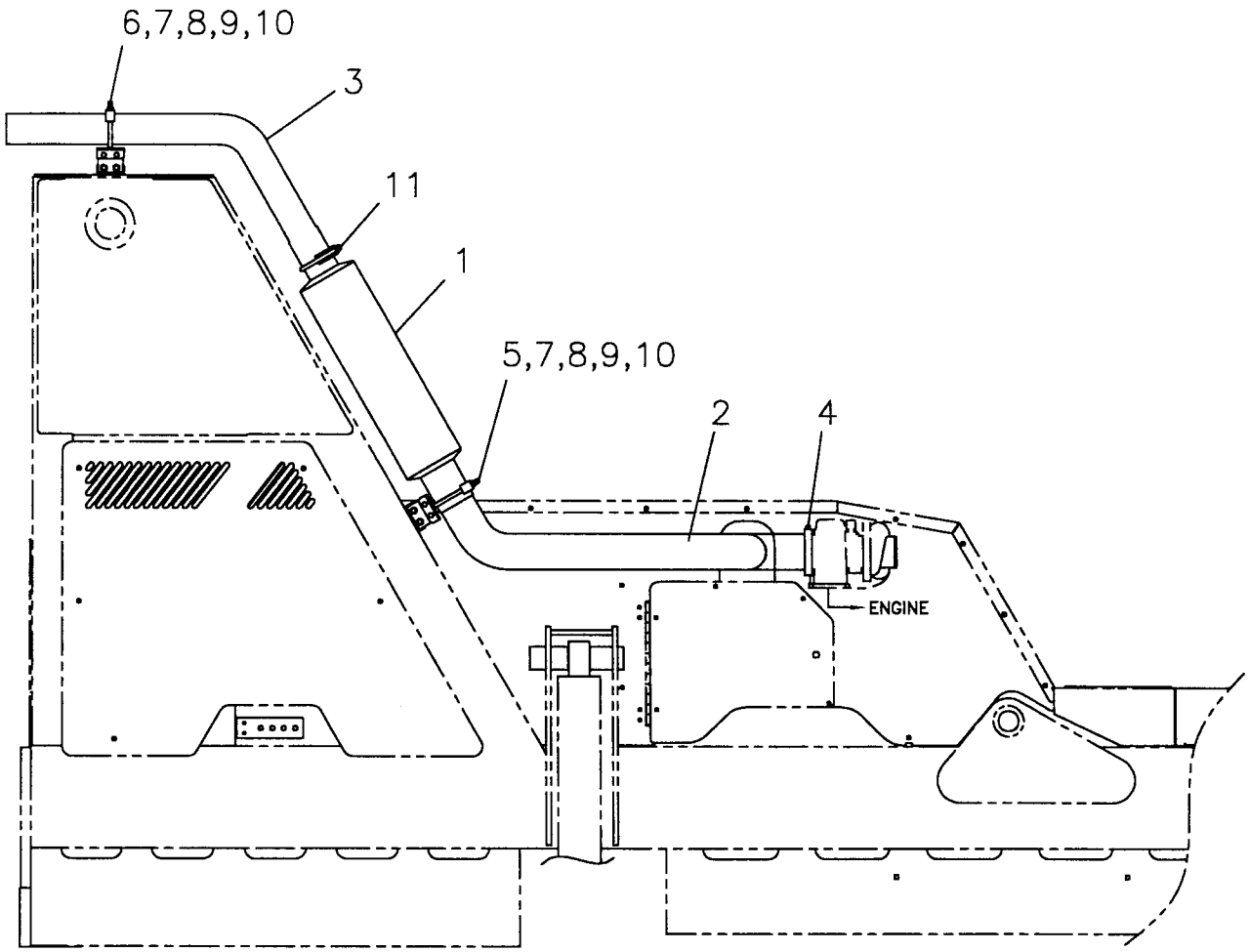

ITEM	NUMBER	DESCRIPTION	REQD
1	7-282-05	MUFFLER	1
2	5-2005	EXHAUST PIPE	1
3	3-1349	TAILPIPE	1
4	7-183-98	CLAMP / V-FLANGE (w/ ENGINE)	REF
5	2-1166	CLAMP BRACKET / 3 1/2 IN.	1
6	2-1168	CLAMP BRACKET / 3 IN.	1
7	1-1173	FLEX JOINT / EXHAUST	2
8	6-5204-08	CAPSCREW 1/4 NC x 1 LG.	8
9	6-6212-04	FLATWASHER 1/4	8
10	6-6205-04	SELF LOCKING NUT 1/4	8
11	7-319-14	CLAMP / MUFFLER / 3 1/4 IN.	1

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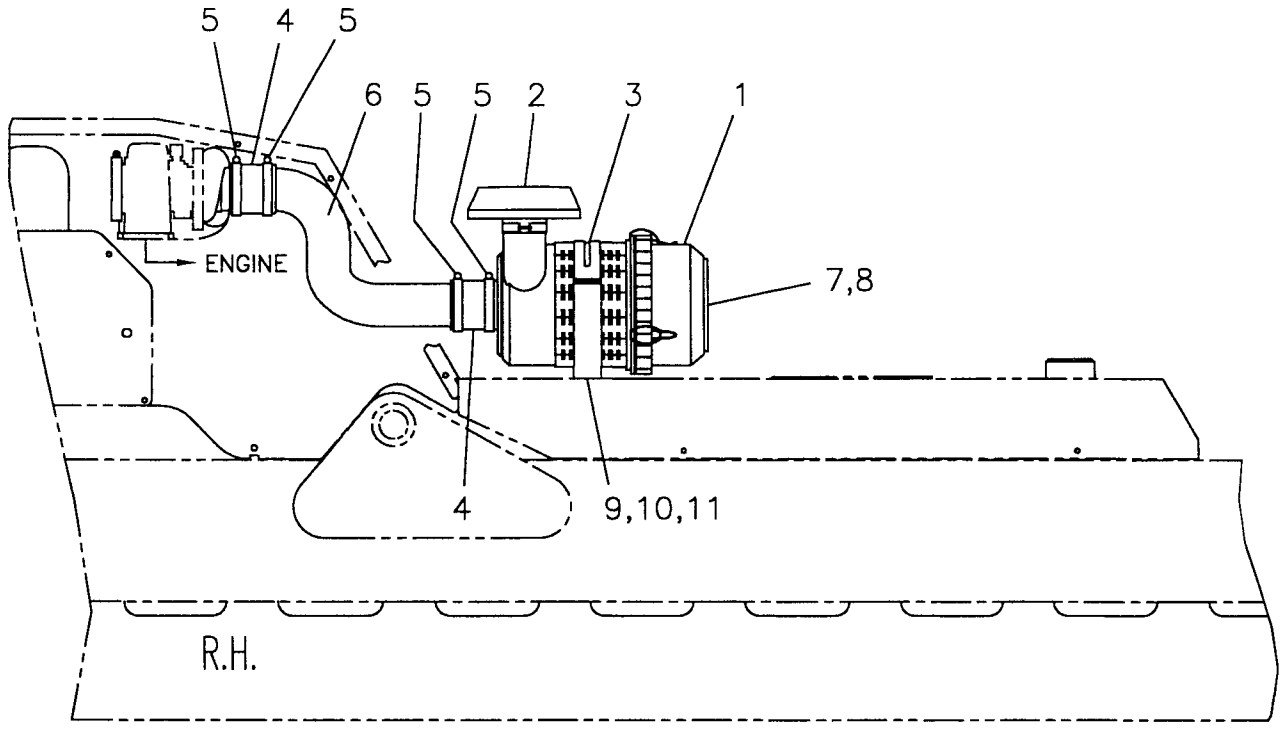

ITEM	NUMBER	DESCRIPTION	REQD
1	7-109-16	AIR CLEANER ASSEMBLY	1
2	7-109-02	HOOD	1
3	7-109-03	MOUNTING BAND	1
4	108612	RUBBER HOSE 3 I.D.	2
5	6-6252-13	CLAMP / WORM / 3 IN.	4
6	5-2006	AIR INLET PIPE	1
7	7-109-04	FILTER / PRIMARY	REF
8	7-109-14	FILTER / SAFETY	REF
9	6-5205-10	CAPSCREW 5/16 NC x 1 1/4 LG.	2
10	6-6212-05	FLATWASHER 5/16	2
11	6-6205-05	SELF-LOCKING NUT 5/16 NC	2

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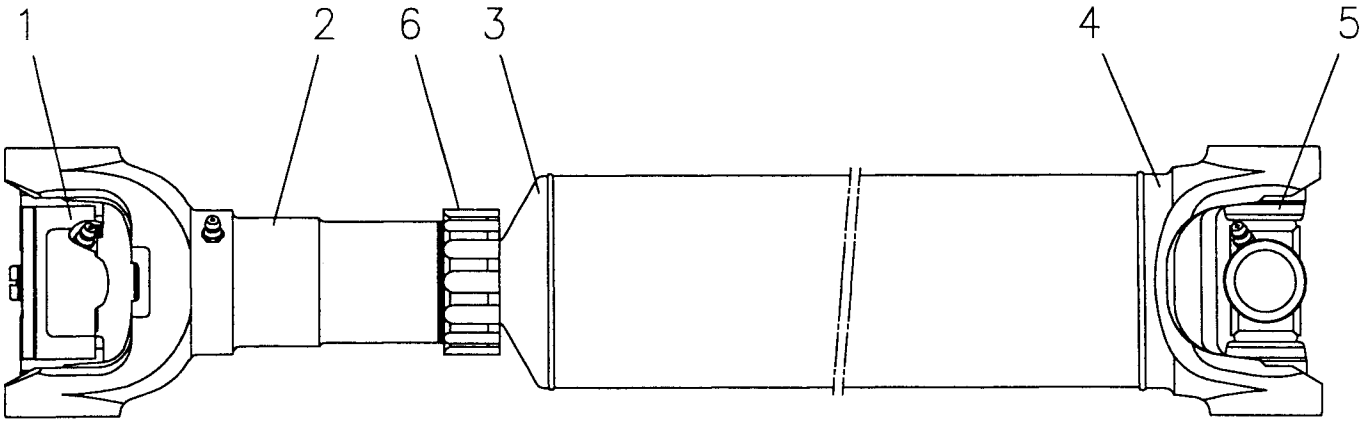

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-897	CROSS & BEARING ASSEMBLY	1
2	7-229-898	SLIP YOKE	1
3	7-229-899	SLIP STUB	1
4	7-229-900	WELD YOKE	1
5	7-229-901	CROSS & BEARING ASSEMBLY	1
6	7-229-902	DUST CAP & SEAL KIT	1
7	108496	DRIVESHAFT ASSY (INCL. ITEMS 1-6)	REF

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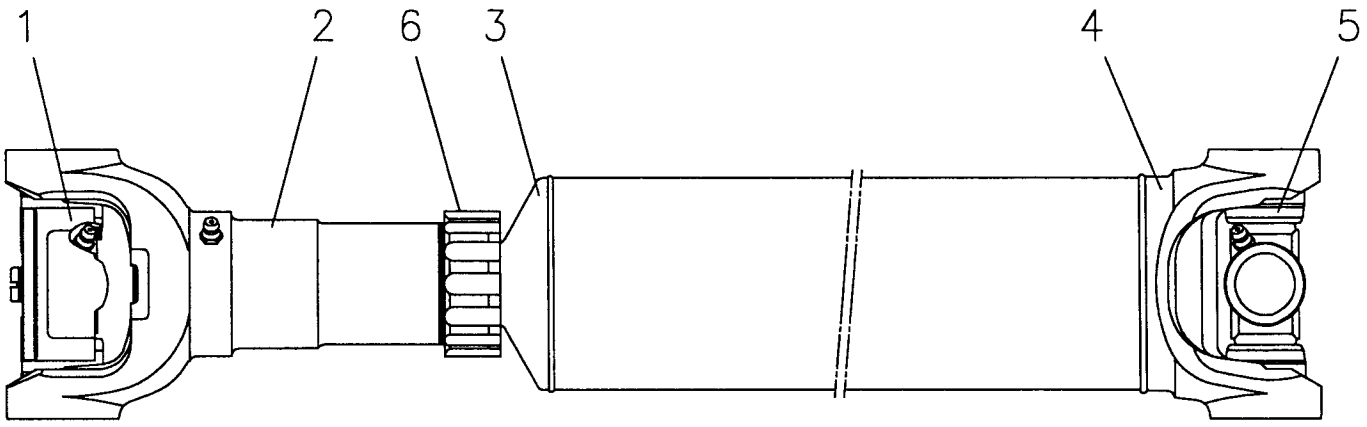

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-897	CROSS & BEARING ASSEMBLY	1
2	7-229-898	SLIP YOKE	1
3	7-229-899	SLIP STUB	1
4	7-229-900	WELD YOKE	1
5	7-229-901	CROSS & BEARING ASSEMBLY	1
6	7-229-902	DUST CAP & SEAL KIT	1
7	7-229-888	DRIVESHAFT ASSY (INCL. ITEMS 1-6)	REF

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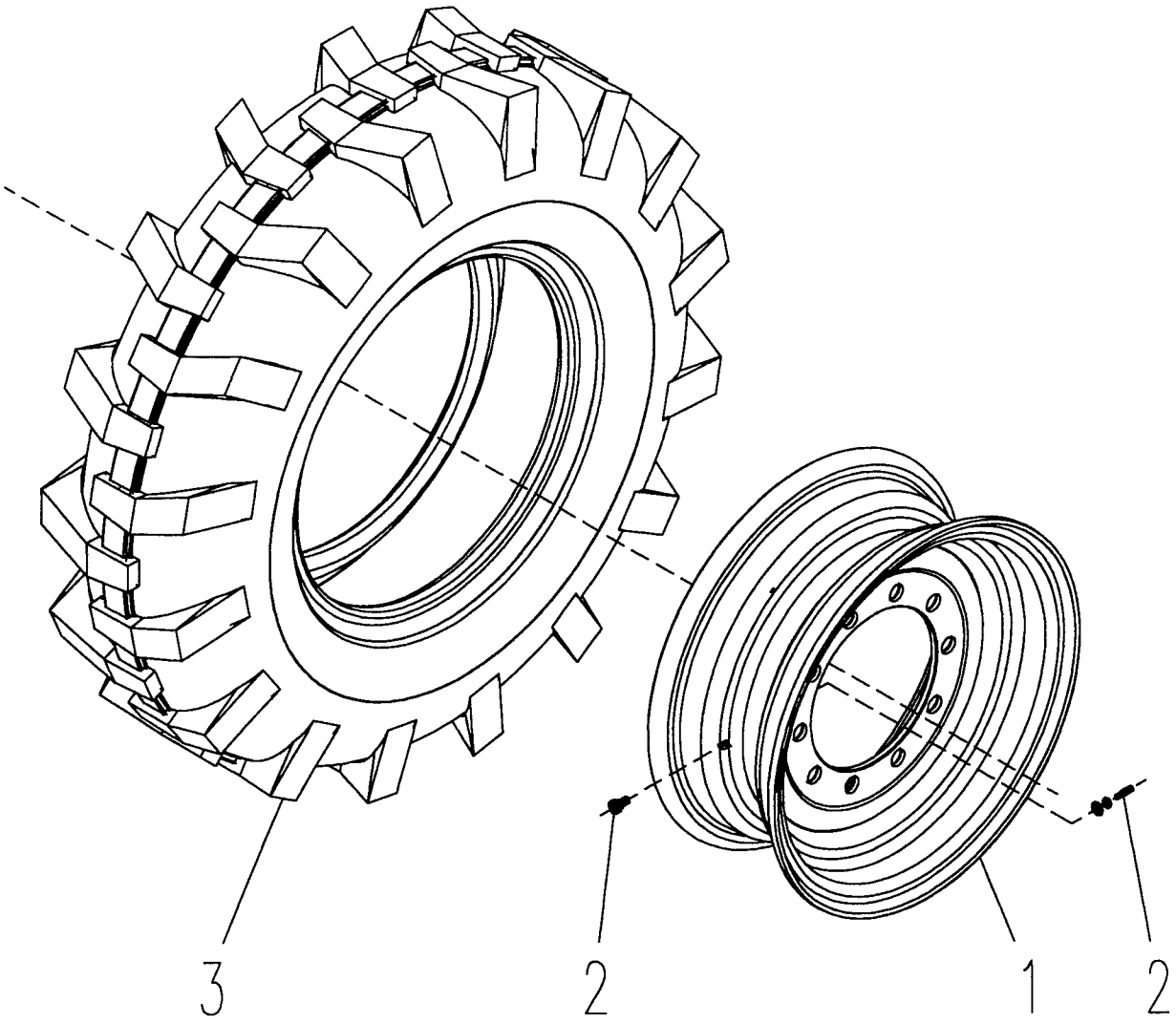

ITEM	NUMBER	DESCRIPTION	REQD
1	7-166-05	WHEEL	1
2	7-286-01	VALVE STEM / AIR-CHLORIDE-FOAM	1
3	7-166-09	TIRE 14.00 x 24	1
4	7-166-10	TIRE & WHEEL ASSY / RH	REF
5	7-166-11	TIRE & WHEEL ASSY / LH	REF

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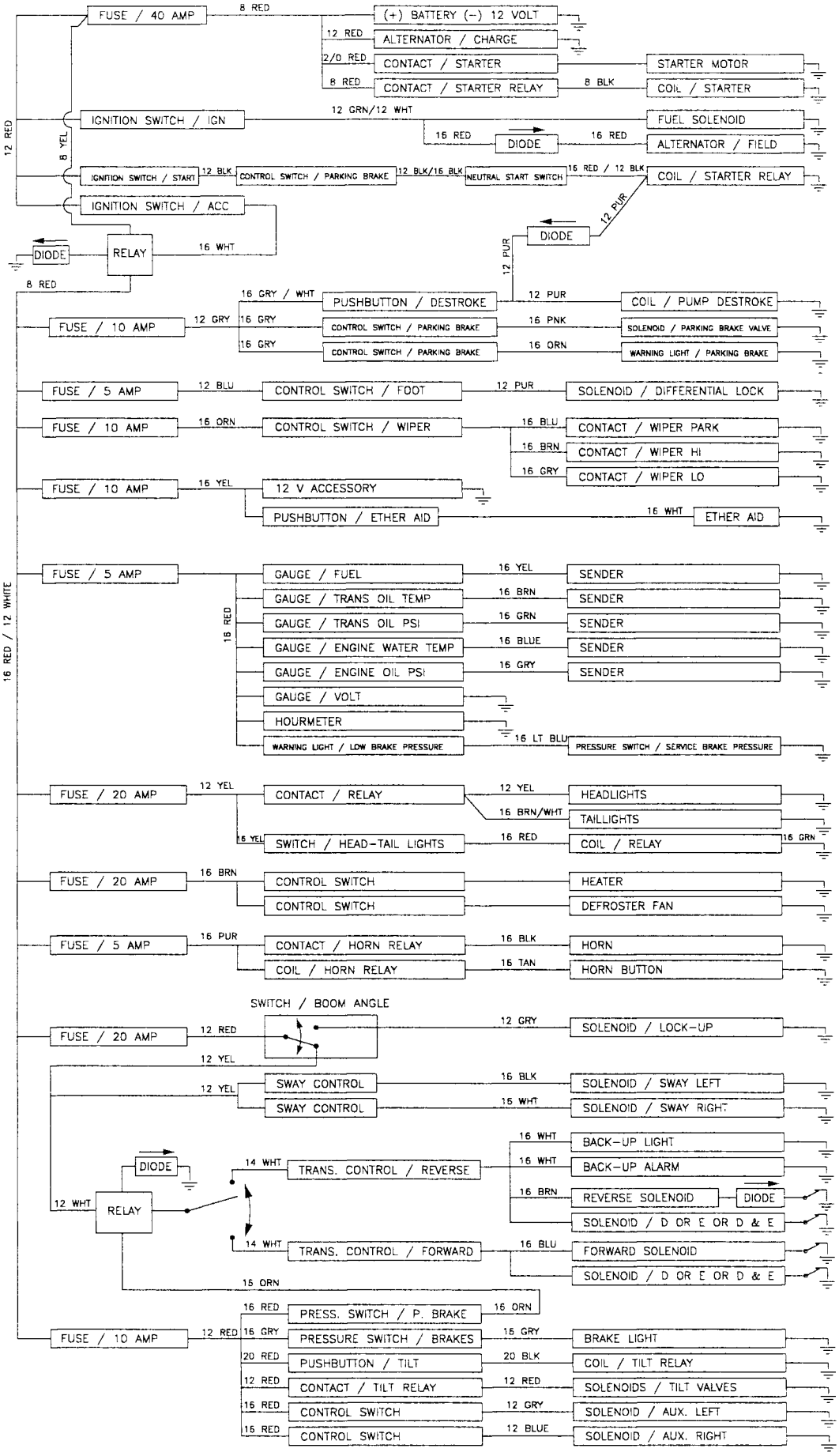

DRAWING NUMBER P1-1937	ELECTRIC SCHEMATIC TH844C	PAGE NUMBER 19

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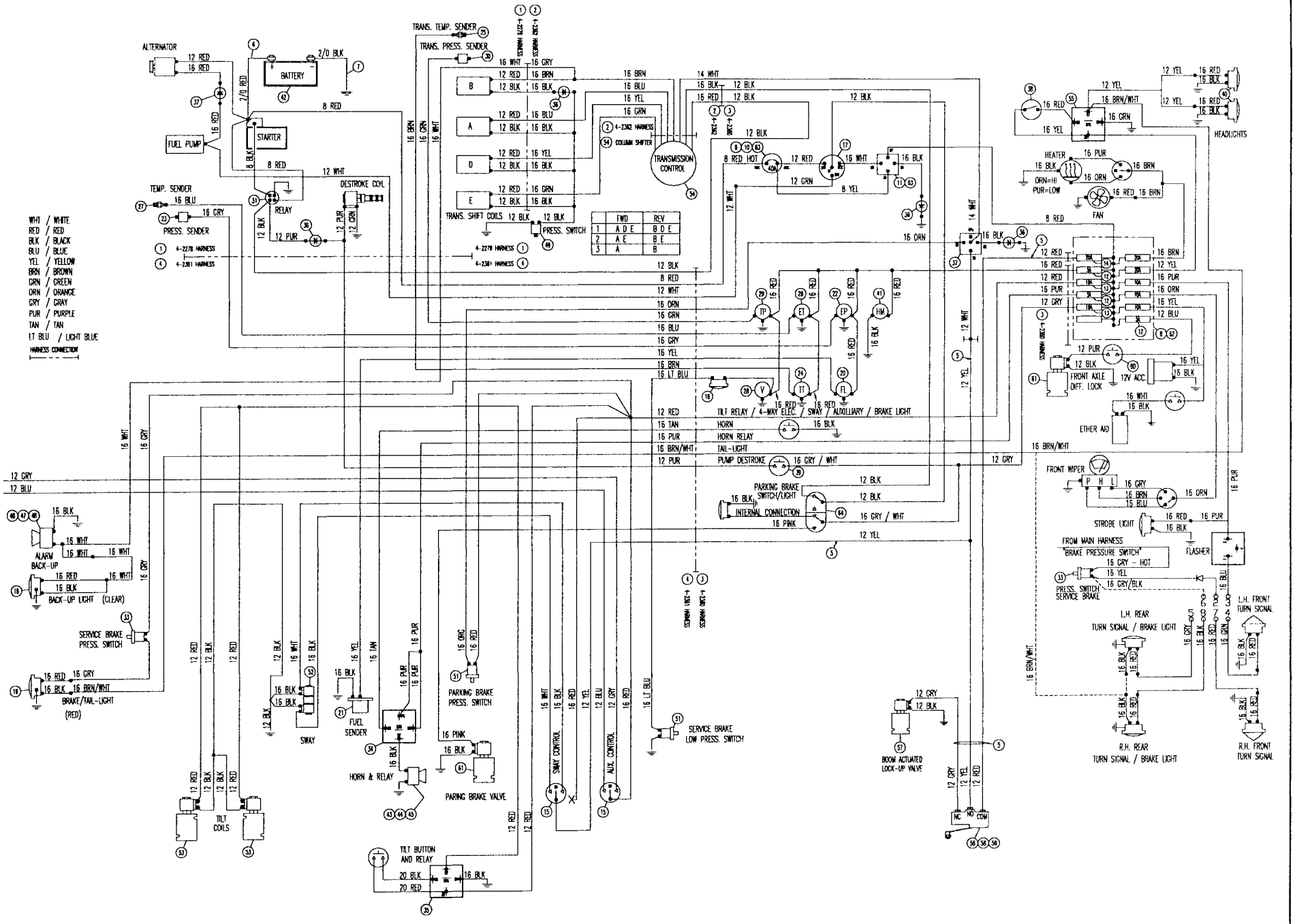
WIRING DIAGRAM
TH844C w/ JD-4045 TIER II ENGINE



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ITEM	NUMBER	DESCRIPTION	REQD
1	4-2278	HARNESS / ENGINE & TRANS.	1
2	4-2367	HARNESS / COLUMN MOUNTED SHIFTER	1
3	4-2360	HARNESS / INSTRUMENT PANEL	1
4	4-2361	HARNESS / MAIN POWER	1
5	4-2363	HARNESS / REAR LOCK-UP	1
6	6-7801-132B	BATTERY CABLE / RED	REF
7	6-7802-88B	BATTERY CABLE / BLACK	REF
8	7-269-135	FUSE BLOCK	1
9	7-269-139	CIRCUIT BREAKER / 40 AMP.	1
10	7-269-140	BOOT / CIRCUIT BREAKER	1
11	7-269-142	RELAY / HIGH CAPACITY	1
12	7-269-129	FUSE / 5 AMP.	3
13	7-269-130	FUSE / 10 AMP.	2
14	7-269-131	FUSE / 20 AMP.	1
15	7-164-04	SWITCH / SWAY-AUXILIARY	REF
16	7-127-05	LIGHT / WARNING	REF
17	7-146-01	SWITCH / IGNITION / KEY	1
18	7-136-02	LIGHT / BACK-UP	REF
19	7-136-03	LIGHT / TAIL-BRAKE	REF
20	7-169-01	GAGE / FUEL	REF
21	7-169-08	SENDER / FUEL	1
22	7-169-02	GAGE / ENGINE OIL PRESSURE	REF
23	7-169-09	SENDER / ENGINE OIL PRESSURE	REF
24	7-169-03	GAGE / TRANSMISSION OIL TEMP.	REF
25	7-169-12	SENDER / TRANSMISSION OIL TEMP.	REF
26	7-169-04	GAGE / ENGINE WATER TEMP.	REF
27	7-169-19	SENDER / ENGINE WATER TEMP.	REF
28	7-169-05	GAGE / VOLTMETER	REF
29	7-169-06	GAGE / TRANSMISSION OIL PRESSURE	REF
30	7-169-11	SENDER / TRANS. OIL PRESSURE	REF
31	7-183-18	RELAY / STARTER	REF
32	7-338-02	RELAY / PARKING BRAKE	1
33	7-206-03	PRESSURE SWITCH / BRAKE LIGHT	REF
34	7-338-02	RELAY / HORN	1
35	7-338-02	RELAY / TILT	1
36	7-281-01	DIODE / 3A-50V	REF
37	7-281-01	DIODE / ALTERNATOR	REF
38	7-164-02	SWITCH / HEADLIGHTS	REF
39	7-319-03	PUSHBUTTON / PUMP DESTROKE	REF
40	7-162-01	HEADLIGHT	REF
41	7-350-02	HOURMETER	1
42	7-355-01	BATTERY / 12 VOLT	REF
43	7-369-01	HORN	1
44	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	1
45	7-173-05	SPRING CLIP 5/16 NC	1
46	7-375-02	BACK-UP ALARM	1
47	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	2
48	7-173-05	SPRING CLIP 5/16 NC	2
49	7-359-17	PRESSURE SWITCH / CLUTCH CUT-OFF	REF
50	7-367-02	VALVE / PARKING BRAKE	REF
51	7-359-16	PRESSURE SWITCH / PARKING BRAKE	REF
52	7-244-31	VALVE / ELECTRIC 4-WAY / SWAY	REF

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ITEM	NUMBER	DESCRIPTION	REQD
53	7-367-09	VALVE / ELECTRIC 4-WAY / TILT	REF
54	7-125-05	TRANSMISSION CONTROL	REF
55	7-338-02	RELAY / HEADLIGHTS	REF
56	7-101-04	SWITCH / REAR LOCK-UP	1
57	7-367-13	VALVE / REAR LOCK-UP	REF
58	6-6284-03	MACHINE SCREW #8-32 x 1 LG.	2
59	6-6286-11	INTERNAL STARWASHER #8	2
60	7-127-16	SWITCH / DIFF. LOCK	1
61	7-367-02	VALVE / DIFF. LOCK	REF
62	6-6284-06	MACHINE SCREW #10-24 x 1 LG.	2
63	6-6284-17	MACHINE SCREW #10-24 x 5/8 LG.	4
64	7-164-08	SWITCH / PARKING BRAKE	1
65	7-359-18	PRESSURE SWITCH / LOW BRAKE PRESSURE	REF

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NOTES

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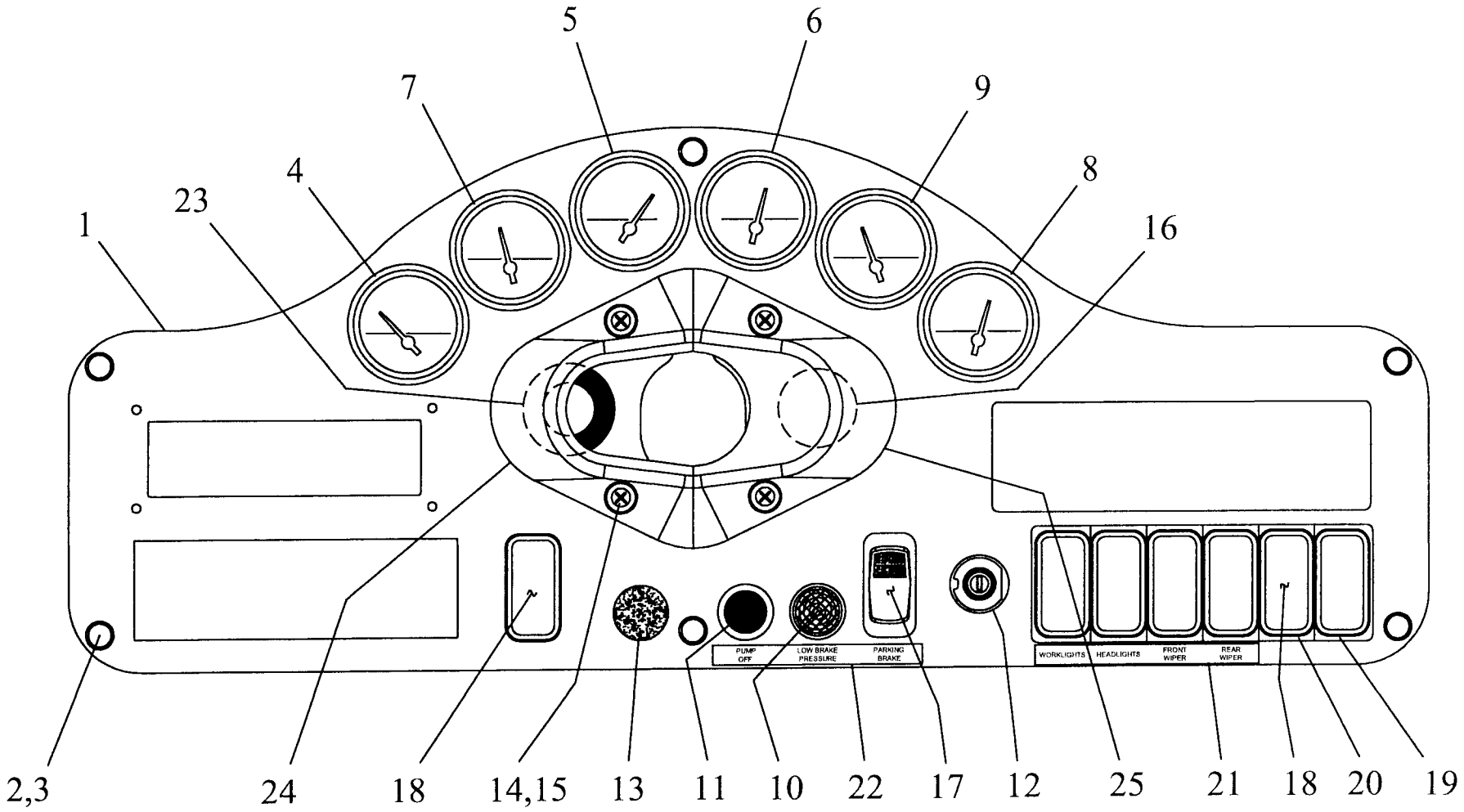
INSTRUMENT PANEL ASSEMBLY TH844C



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ITEM	NUMBER	DESCRIPTION	REQD
1	7-132-147	DASH PANEL	REF
2	6-5204-04	CAPSCREW 1/4 NC x 1/2 LG.	6
3	6-6211-04	LOCKWASHER 1/4	6
4	7-169-01	GAGE / FUEL	1
5	7-169-02	GAGE / ENGINE OIL PRESSURE	1
6	7-169-03	GAGE / TRANS. OIL TEMP.	1
7	7-169-04	GAGE / ENGINE WATER TEMP.	1
8	7-169-05	GAGE / VOLTMETER	1
9	7-169-06	GAGE / TRANS. OIL PRESSURE	1
10	7-127-05	LIGHT / WARNING	1
11	7-319-03	SWITCH / PUSHBUTTON	1
12	7-146-01	SWITCH / IGNITION	REF
13	7-144-02	HOLE PLUG / 5/8 DIA. / OPTIONAL ETHER AID	1
14	6-6284-18	MACHINE SCREW #10-32 x 3/8 LG.	4
15	6-6286-12	FLATWASHER #10	4
16	7-144-11	HOLE PLUG / 1 3/8 DIA. / TURN SIGNAL	1
17	7-164-08	SWITCH / PARKING BRAKE	1
18	7-164-05	NGR PANEL PLUG	7
19	7-164-06	END BEZEL	2
20	7-164-07	CENTER BEZEL	4
21	2-1352-1	DECAL / DASH GANG SWITCHES	REF
22	2-1353-1	DECAL / PB, WARNING LIGHT, & PUMP-OFF	REF
23	7-194-40	GROMMET / TRANS. SHIFTER HARNESS	1
24	7-132-214	COVER / STEERING COLUMN / LH	REF
25	7-132-215	COVER / STEERING COLUMN / RH	REF

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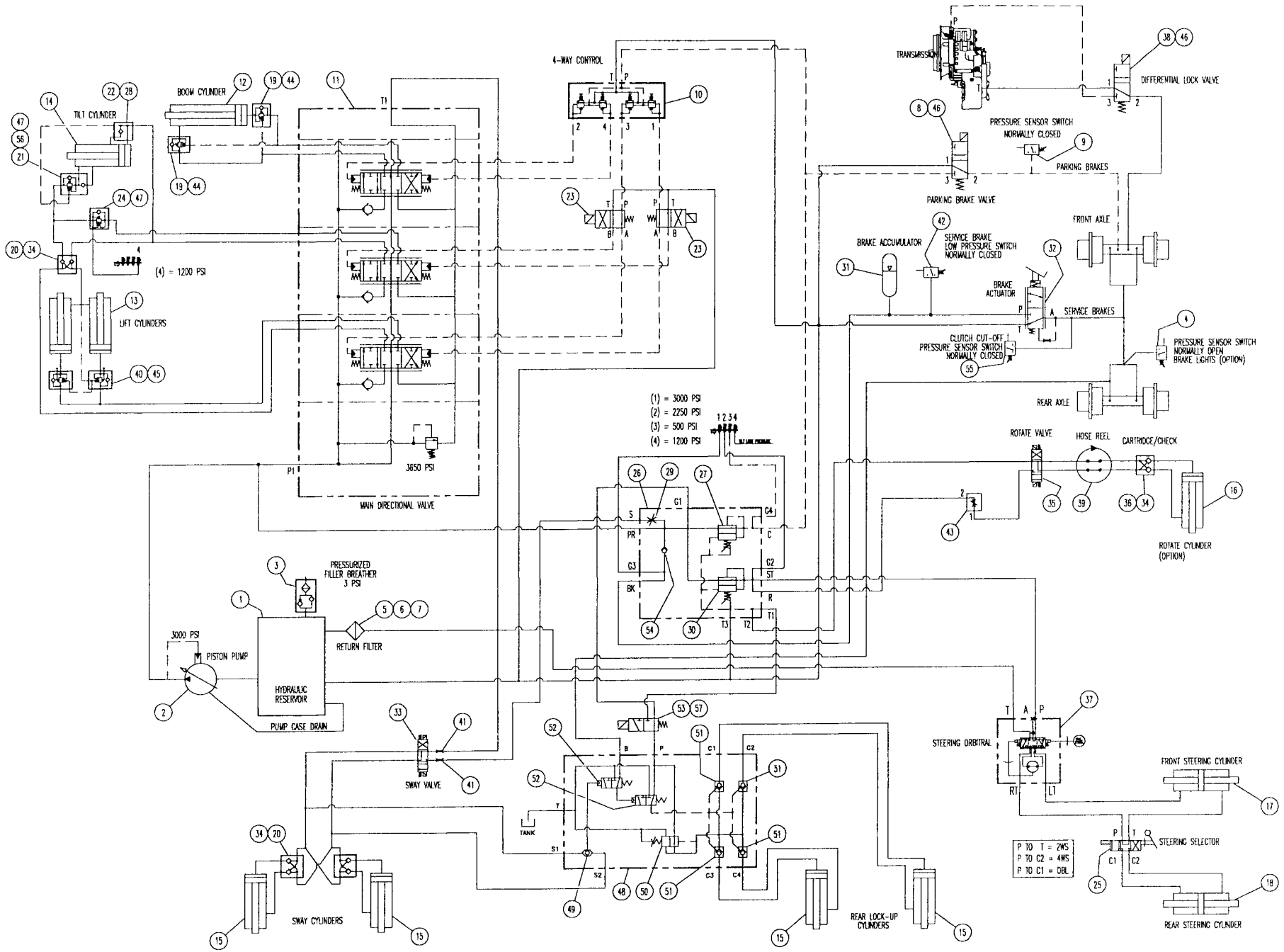
HYDRAULIC SCHEMATIC TH844C



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ITEM	NUMBER	DESCRIPTION	REQD
1	4-2356	OIL RESERVOIR WELDMENT	REF
2	7-112-05	PUMP ASSEMBLY	REF
3	7-272-11	FILLER-BREATHER / 3 PSI	REF
4	7-206-03	PRESSURE SWITCH / BRAKE LIGHT	REF
5	7-118-01	FILTER / RETURN	1
6	7-272-10	GAGE / RETURN FILTER	1
7	7-118-02	ELEMENT / RETURN FILTER	REF
8	7-367-02	VALVE ASSEMBLY / PARKING BRAKE	1
9	7-359-16	PRESSURE SWITCH / PARKING BRAKE	REF
10	7-200-139	CONTROLLER / 4-WAY	1
11	7-200-80	VALVE / 3 SECTION	1
12	7-316-211	CYLINDER / BOOM	REF
13	7-316-403	CYLINDER / LIFT	REF
14	7-316-238	CYLINDER / TILT	REF
15	7-182-34	CYLINDER / SWAY-REAR LOCK	REF
16	7-379-01	CYLINDER / ROTATE	REF
17	7-229-619	CYLINDER / STEERING / FRT. AXLE	REF
18	7-229-619	CYLINDER / STEERING / REAR AXLE	REF
19	7-234-03	VALVE / MOTION / BOOM	2
20	7-234-04	VALVE / DUAL CHECK	3
21	7-234-01	VALVE / MOTION / HEAD TILT	1
22	7-234-02	VALVE / MOTION / BASE TILT	1
23	7-367-09	VALVE / ELECTRIC 4-WAY	2
24	7-234-50	VALVE / TILT LIMITER	1
25	7-359-02	VALVE / STEERING SELECTOR	1
26	7-234-94	CONTROL BLOCK ASSEMBLY	1
27	7-234-13	CARTRIDGE / REDUCING-RELIEVING	REF
28	7-234-16	CARTRIDGE / CHECK	REF
29	7-234-37	CARTRIDGE / NEEDLE	REF
30	7-234-28	CARTRIDGE / REDUCING-RELIEVING	REF
31	7-110-02	ACCUMULATOR / BRAKE	1
32	7-186-01	ACTUATOR / FOOT BRAKE PEDAL	1
33	7-244-31	VALVE / ELECTRIC 4-WAY / SWAY	1
34	7-234-18	CARTRIDGE / PILOT CHECK	REF
35	7-244-31	VALVE / ELECTRIC 4-WAY / ROTATE	REF
36	7-234-35	VALVE / DUAL CHECK	REF
37	7-147-48	STEERING ORBITRAL	1
38	7-367-02	VALVE ASSEMBLY / DIFF. LOCK	1
39	7-292-01	HOSE REEL ASSY / RH / ROTATE	REF
40	7-234-54	VALVE / MOTION / LIFT	2
41	110129	RESTRICTOR FITTING (.060)	REF
42	7-359-18	PRESSURE SWITCH / SERVICE BRAKE	REF
43	7-234-103	NEEDLE VALVE ASSEMBLY	REF
44	7-234-22	CARTRIDGE / COUNTERBALANCE	REF
45	7-234-53	CARTRIDGE / COUNTERBALANCE	REF
46	7-367-03	CARTRIDGE / NORMALLY CLOSED	REF
47	7-234-19	CARTRIDGE / COUNTERBALANCE	REF
48	7-168-02	BLOCK ASSEMBLY / REAR LOCK-UP	1
49	7-321-90	CARTRIDGE / SHUTTLE	REF

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ITEM	NUMBER	DESCRIPTION	REQD
50	7-321-89	CARTRIDGE / REDUCING-RELIEVING	REF
51	7-321-88	CARTRIDGE / PILOT CHECK	REF
52	7-304-07	CARTRIDGE / MODULAR CONTROL	REF
53	7-367-13	VALVE / BOOM ACTIVATED REAR LOCK	1
54	7-234-80	CARTRIDGE / CHECK	REF
55	7-359-17	PRESSURE SWITCH / CLUTCH CUT-OFF	REF
56	7-234-80	CARTRIDGE / CHECK	REF
57	7-367-14	CARTRIDGE / NORMALLY OPEN	REF

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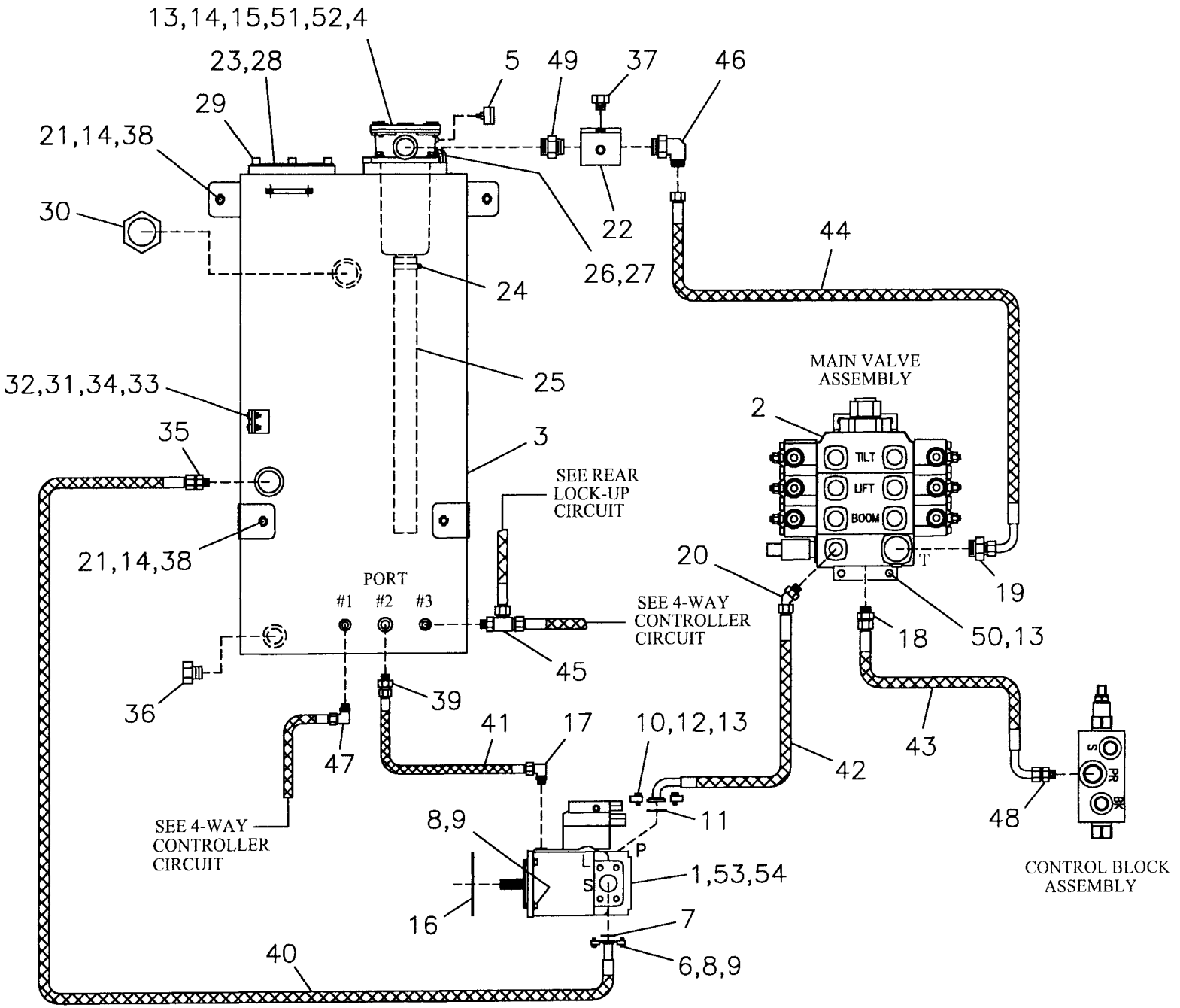

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ITEM	NUMBER	DESCRIPTION	REQD
1	7-112-05	PUMP ASSY. / 51cc / SPLINED SHAFT	REF
2	7-200-80	VALVE ASSEMBLY / 3 SECTION	REF
3	4-2356	OIL RESERVOIR	1
4	7-118-01	FILTER / RETURN	REF
5	7-272-10	GAGE / RETURN FILTER	REF
6	7-107-05	SPLIT FLANGE KIT / 2 IN.	1
7	7-209-66	O-RING / 2 IN. S. F. / w/ ITEM 6	REF
8	6-5208-12	CAPSCREW 1/2 NC x 1 1/2 LG.	REF
9	6-6211-08	LOCKWASHER 1/2	REF
10	7-158-36	SPLIT FLANGE / 1 IN. / HALF ONLY	2
11	7-209-67	O-RING / 1 IN. S. F.	1
12	6-5206-10	CAPSCREW 3/8 NC x 1 1/4 LG.	4
13	6-6211-06	LOCKWASHER 3/8	12
14	6-6212-06	FLATWASHER 3/8	8
15	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	4
16	7-126-517	GASKET / PUMP DRIVE	REF
17	6-6453-10	FITTING / 10 OR x 08 JIC 90	1
18	6-6450-17	FITTING / 12 OR x 10 JIC STR.	1
19	6-6450-27	FITTING / 16 OR x 16 JIC STR.	1
20	6-6452-08	FITTING / 12 OR x 12 JIC 45	1
21	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	4
22	3-1376	MANIFOLD BLOCK	1
23	7-145-02	O-RING / ACCESS COVER	REF
24	7-272-13	T-HOSE CLAMP	1
25	7-364-12	HOSE / 1 1/2 ID x 24 LG.	1
26	7-272-11	FILLER-BREATHER / 3 PSI	1
27	6-6284-08	MACHINE SCREW #10-32 x 3/4 LG.	6
28	7-145-01	COVER PLATE	REF
29	6-5606-04	CAPSCREW SH 3/8 NC x 1/2 LG.	REF
30	7-161-01	SIGHT GLASS	1
31	2-1266-2	PLATE / PRESSURE CHECK PORTS	REF
32	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	2
33	6-6201-04	HEX NUT 1/4 NC	2
34	6-6211-04	LOCKWASHER 1/4	2
35	7-364-22	FITTING / 24 OR x 24 JIC-O STR.	1
36	6-6457-10	FITTING / 16 OR HEX HEAD PLUG	1
37	6-6457-06	FITTING / 08 OR HEX HEAD PLUG	1
38	7-173-06	SPRING CLIP 3/8 NC	4
39	6-6450-12	FITTING / 08 OR x 08 JIC STR.	1
40	7-191-02	HOSE / 24 x 32 SF x 111 LG.	1
41	6-7004-256	HOSE / 08 x 08 x 128 LG.	1
42	6-7156-234	HOSE / 12 x 16-90 SF x 117 LG.	1
43	6-7025-36	HOSE / 10 x 10-90 x 18 LG.	1
44	6-7088-43	HOSE / 16 x 16-90 x 21 1/2 LG.	1
45	6-6455-05	FITTING / 06 OR x 06 JIC RN-TEE	REF
46	6-6453-25	FITTING / 20 OR x 16 JIC 90	1
47	6-6453-04	FITTING / 06 OR x 04 JIC 90	REF
48	6-6450-15	FITTING / 08 OR x 10 JIC STR.	1
49	6-6436-01	FITTING / 20 OR x 20 NPT STR.	1
50	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	4
51	7-118-03	O-RING / RETURN FILTER FACE	REF
52	7-118-02	ELEMENT / RETURN FILTER	REF
53	108476	WIRE HARNESS / COLD START / SAUER	1
54	7-269-43	SHRINK TUBE 1/4 ID (PER INCH)	4

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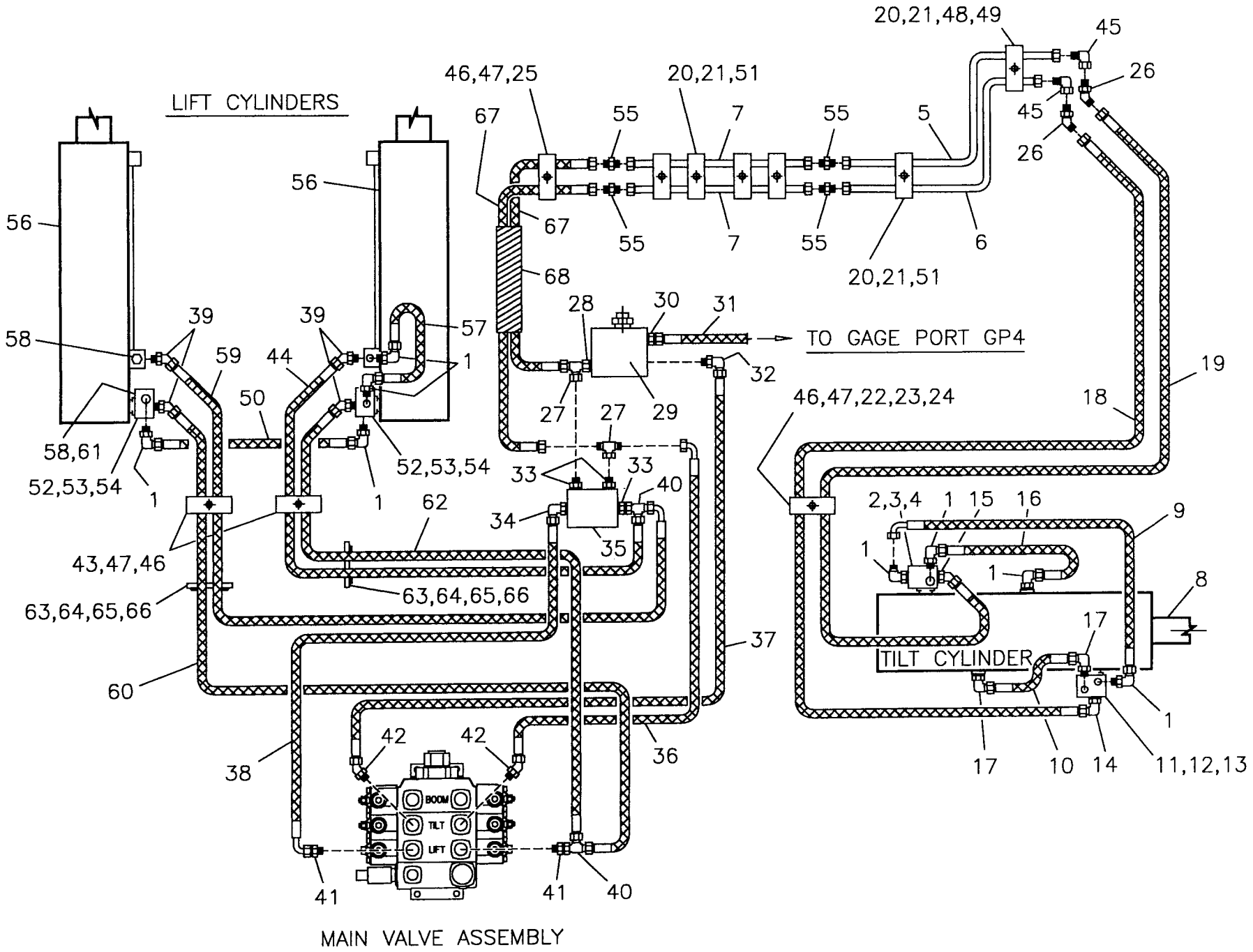

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ITEM	NUMBER	DESCRIPTION	REQD
1	6-6453-04	FITTING / 06 OR x 04 JIC 90	8
2	7-234-02	VALVE / MOTION / BASE TILT	REF
3	6-5606-14	CAPSCREW SH 3/8 NC x 1 3/4 LG.	4
4	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4
5	108561	TUBE ASSY / STD. / INNER	1
6	108562	TUBE ASSY / STD. / OUTER	1
7	108558	TUBE ASSY / STRAIGHT	2
8	7-316-238	CYLINDER / TILT	REF
9	6-7022-60	HOSE / 04 x 04-90 x 30 LG.	1
10	6-7003-40	HOSE / 06 x 06 x 20 LG.	1
11	7-234-01	VALVE / MOTION / HEAD TILT	REF
12	6-5606-22	CAPSCREW SH 3/8 NC x 2 3/4 LG.	4
13	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4
14	6-6453-09	FITTING / 08 OR x 08 JIC 90	1
15	6-6452-04	FITTING / 08 OR x 08 JIC 45	1
16	6-7002-26	HOSE / 04 x 04 x 13 LG.	1
17	6-6453-06	FITTING / 06 OR x 06 JIC 90	2
18	6-7014-768	HOSE / 10 x 08 x 384 LG.	1
19	6-7014-768	HOSE / 10 x 08 x 384 LG.	1
20	7-273-39	CLAMP HALF SET / 5/8 TWIN TUBE	6
21	7-273-23	COVER PLATE / 5/8 TUBE CLAMP	6
22	14033	CAPSCREW 3/8 NC x 2 3/4 LG.	1
23	4828	SELF-LOCKING NUT 3/8 NC	1
24	6097	FLATWASHER 3/8	1
25	50793	CAPSCREW 5/16 NC x 2 LG.	1
26	6-6476-07	FITTING / 10 JIC BH-UNION 45	2
27	6-6480-07	FITTING / 10 JIC SW-BR-TEE	2
28	6-6485-03	FITTING / 10 OR x 10 JIC SWIVEL	1
29	7-234-50	VALVE / TILT LIMITER	REF
30	6-6450-05	FITTING / 06 OR x 04 JIC STR.	REF
31	6-7022-30	HOSE / 04 x 04-90 x 15 LG.	REF
32	6-6453-12	FITTING / 10 OR x 10 JIC 90	1
33	6-6450-15	FITTING / 08 OR x 10 JIC STR.	3
34	6-6453-11	FITTING / 08 OR x 10 JIC 90	1
35	7-234-04	VALVE / DUAL CHECK	REF
36	6-7025-36	HOSE / 10 x 10-90 x 18 LG.	1
37	6-7005-32	HOSE / 10 x 10 x 16 LG.	1
38	6-7025-36	HOSE / 10 x 10-90 x 18 LG.	1
39	6-6452-06	FITTING / 10 OR x 10 JIC 45	4
40	6-6481-07	FITTING / 10 JIC SW-RUN-TEE	2
41	6-6450-17	FITTING / 12 OR x 10 JIC STR.	2
42	6-6452-17	FITTING / 12 OR x 10 JIC 45	2
43	6-5205-16	CAPSCREW 5/16 NC x 2 LG.	2
44	6-7005-188	HOSE / 10 x 10 x 94 LG.	1
45	5-2140	FITTING / 10 JIC SWIVEL 90	2
46	7-273-26	COVER PLATE / TWIN HOSE CLAMP	4
47	7-273-32	CLAMP HALF SET / TWIN HOSE	4
48	14723	CAPSCREW 5/16 NC x 1 3/4 LG.	1
49	36456	SPRING CLIP 5/16 NC	1
50	6-7002-100	HOSE / 04 x 04 x 50 LG.	1
51	13000	CAPSCREW 5/16 NC x 1 1/4 LG.	5
52	7-234-54	VALVE / MOTION / LIFT	REF

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ITEM	NUMBER	DESCRIPTION	REQD
53	6-5606-22	CAPSCREW SH 3/8 NC x 2 3/4 LG.	8
54	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	8
55	5-2139	FITTING / 10 JIC M. x 10 JIC M. STR.	4
56	7-316-403	CYLINDER / LIFT	REF
57	6-7002-17	HOSE / 04 x 04 x 8.5 LG.	1
58	6-6457-05	FITTING / 06 OR HEX HEAD PLUG (3)	3
59	6-7005-200	HOSE / 10 x 10 x 100 LG.	1
60	6-7005-180	HOSE / 10 x 10 x 90 LG.	1
61	6-6460-01	FITTING / 04 OR HOLLOW HEX PLUG	REF
62	6-7005-172	HOSE / 10 x 10 x 86 LG.	1
63	108576	FORMING / HOSE GUIDE	2
64	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	4
65	6-6212-04	FLATWASHER 1/4	4
66	7-173-04	SPRING CLIP 1/4 NC	4
67	6-7005-120	HOSE / 10 x 10 x 60 LG.	2
68	7-299-08	HOSE ARMOR 1.00 ID (PER INCH)	12

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NOTES

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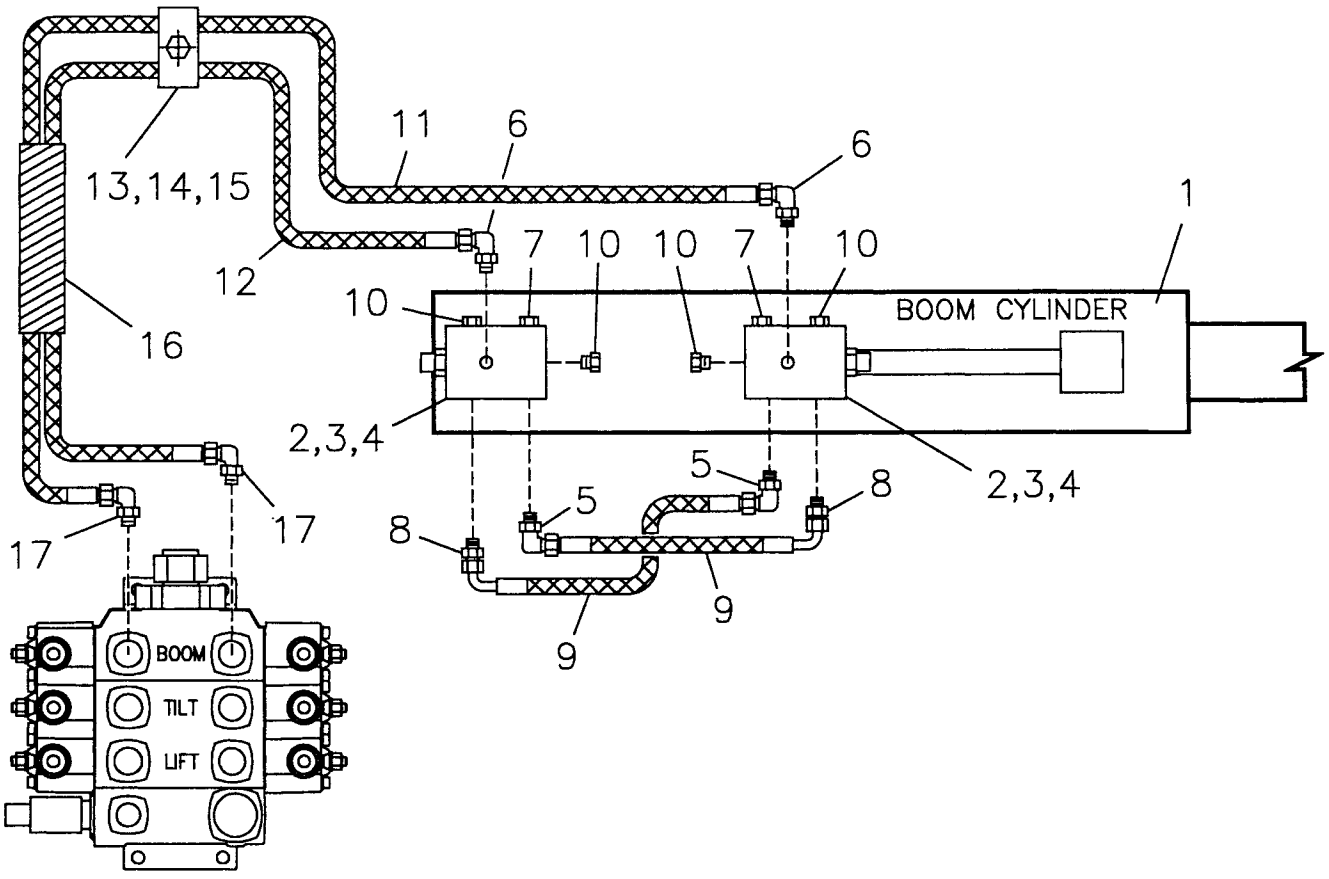

MAIN VALVE ASSEMBLY

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ITEM	NUMBER	DESCRIPTION	REQD
1	7-316-239	CYLINDER / BOOM	REF
2	7-234-03	VALVE / MOTION / BOOM	REF
3	6-5606-22	CAPSCREW SH 3/8 NC x 2 3/4 LG.	8
4	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	8
5	6-6453-03	FITTING / 04 OR x 04 JIC 90	2
6	6-6453-12	FITTING / 10 OR x 10 JIC 90	2
7	6-6457-03	FITTING / 04 OR HEX HD PLUG	2
8	6-6450-05	FITTING / 06 OR x 04 JIC STR.	2
9	6-7022-30	HOSE / 04 x 04-90 x 15 LG.	2
10	6-6457-05	FITTING / 06 OR HEX HD PLUG	4
11	6-7005-184	HOSE / 10 x 10 x 92 LG.	1
12	6-7005-158	HOSE / 10 x 10 x 79 LG.	1
13	7-273-32	CLAMP HALF SET / 5/8 TWIN HOSE	1
14	7-273-26	COVER PLATE / 5/8 HOSE CLAMP	1
15	50793	CAPSCREW 5/16 NC x 2 LG.	1
16	7-299-08	COIL / PROTECTIVE / PLASTIC (PER INCH)	12
17	6-6453-13	FITTING / 12 OR x 10 JIC 90	2

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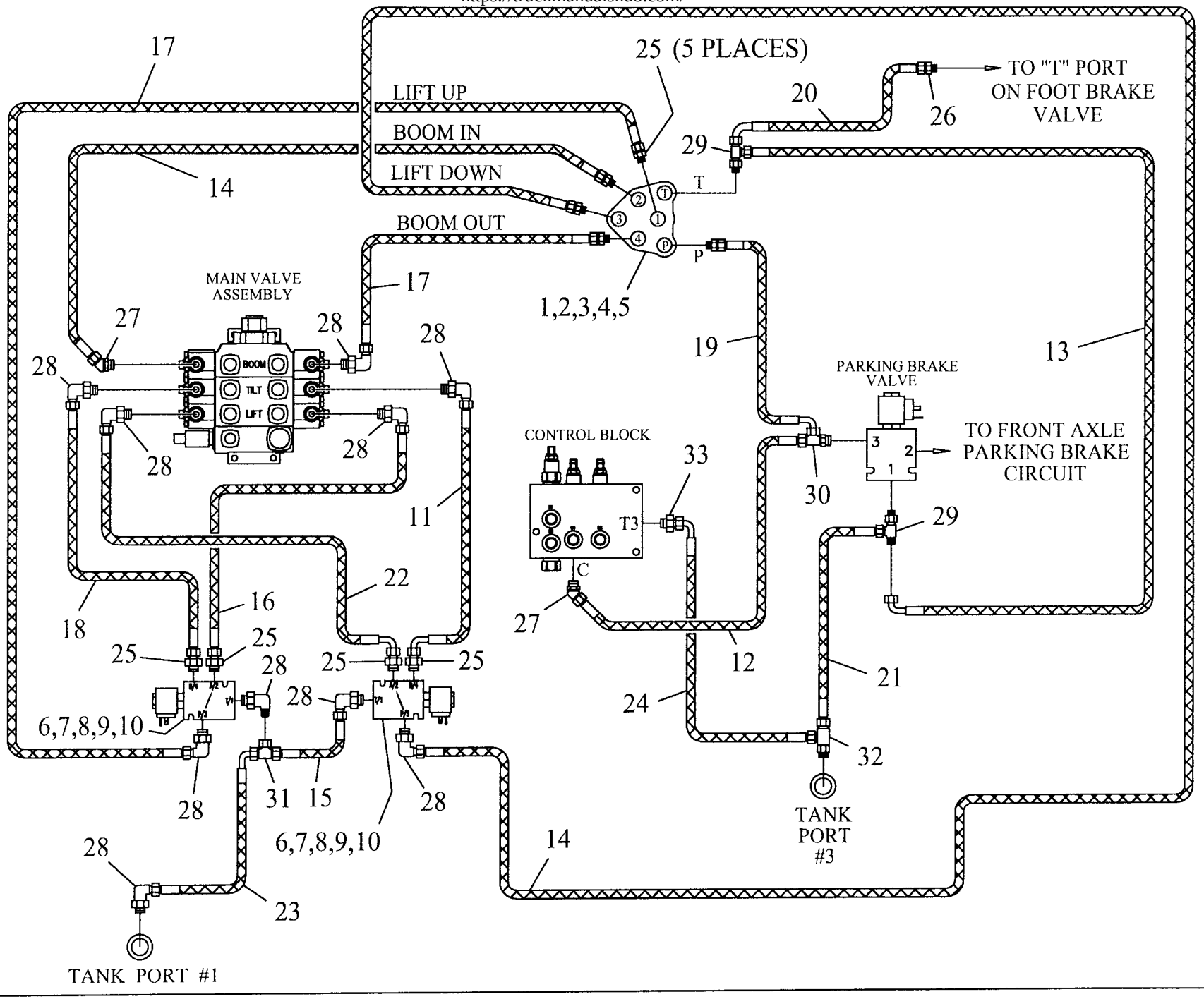

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ITEM	NUMBER	DESCRIPTION	REQD
1	7-200-139	CONTROLLER / 4-WAY	REF
2	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	4
3	6-6212-04	FLATWASHER 1/4	4
4	6-6211-04	LOCKWASHER 1/4	4
5	6-6201-04	HEX NUT 1/4 NC	4
6	7-367-09	VALVE / ELECTRIC 4-WAY (2)	REF
7	6-5204-14	CAPSCREW 1/4 NC x 1 3/4 LG.	4
8	6-6211-04	LOCKWASHER 1/4	4
9	6-6212-04	FLATWASHER 1/4	4
10	7-244-27	DIN CONNECTOR	REF
11	6-7022-34	HOSE / 04 x 04-90 x 17 LG.	1
12	6-7002-204	HOSE / 04 x 04 x 102 LG.	1
13	6-7023-62	HOSE / 06 x 06-90 x 31 LG.	1
14	6-7002-244	HOSE / 04 x 04 x 122 LG.	2
15	6-7002-17	HOSE / 04 x 04 x 8 1/2 LG.	1
16	6-7002-26	HOSE / 04 x 04 x 13 LG.	1
17	6-7002-276	HOSE / 04 x 04 x 138 LG.	2
18	6-7002-34	HOSE / 04 x 04 x 17 LG.	1
19	6-7022-60	HOSE / 04 x 04-90 x 30 LG.	1
20	6-7023-120	HOSE / 06 x 06-90 x 60 LG.	1
21	6-7003-212	HOSE / 06 x 06 x 106 LG.	1
22	6-7022-44	HOSE / 04 x 04-90 x 22 LG.	1
23	6-7022-28	HOSE / 04 x 04-90 x 14 LG.	1
24	6-7023-32	HOSE / 06 x 06-90 x 16 LG.	REF
25	6-6450-05	FITTING / 06 OR x 04 JIC STR.	9
26	6-6450-08	FITTING / 06 OR x 06 JIC STR.	1
27	6-6452-19	FITTING / 06 OR x 04 JIC 45	2
28	6-6453-04	FITTING / 06 OR x 04 JIC 90	10
29	6-6455-05	FITTING / 06 OR x 06 JIC RN-TEE	2
30	6-6455-15	FITTING / 06 OR x 04 JIC RN-TEE	1
31	6-6480-03	FITTING / 04 JIC SW-BR-TEE	1
32	6-6455-05	FITTING / 06 OR x 06 JIC RN-TEE	1
33	6-6450-08	FITTING / 06 OR x 06 JIC STR.	REF

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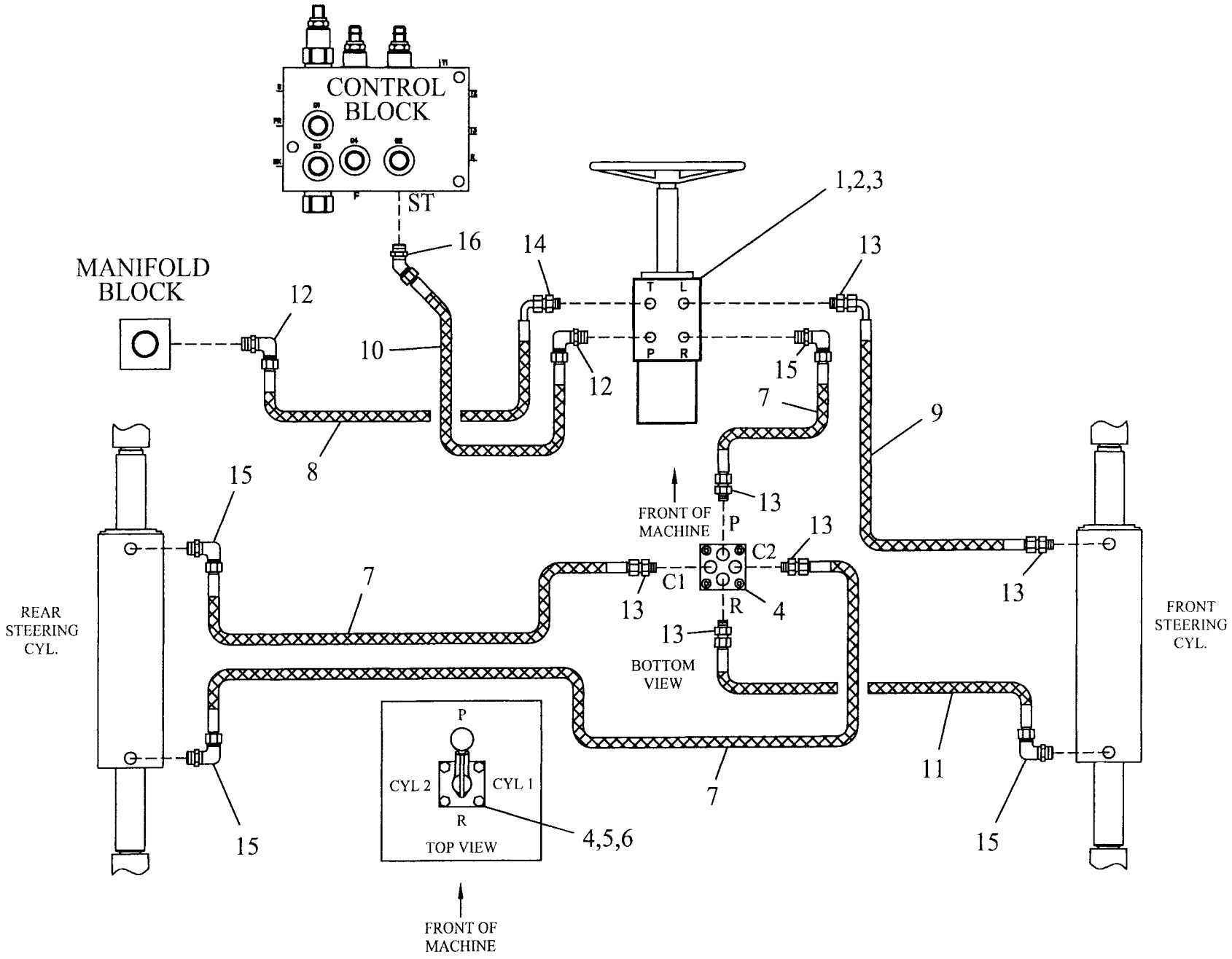

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ITEM	NUMBER	DESCRIPTION	REQD
1	7-147-48	STEERING ORBITRAL	REF
2	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	4
3	6-6211-06	LOCKWASHER 3/8	4
4	7-359-02	VALVE / STEERING SELECTOR	REF
5	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	4
6	6-6211-05	LOCKWASHER 5/16	4
7	6-7003-212	HOSE / 06 x 06 x 106 LG.	3
8	6-7024-388	HOSE / 08 x 08-90 x 194 LG.	1
9	6-7023-318	HOSE / 06 x 06-90 x 159 LG.	1
10	6-7004-352	HOSE / 08 x 08 x 176 LG.	1
11	6-7003-244	HOSE / 06 x 06 x 122 LG.	1
12	6-6453-09	FITTING / 08 OR x 08 JIC 90	2
13	6-6450-09	FITTING / 08 OR x 06 JIC STR.	6
14	6-6450-12	FITTING / 08 OR x 08 JIC STR.	1
15	6-6453-07	FITTING / 08 OR x 06 JIC 90	4
16	6-6452-04	FITTING / 08 OR x 08 JIC 45	1

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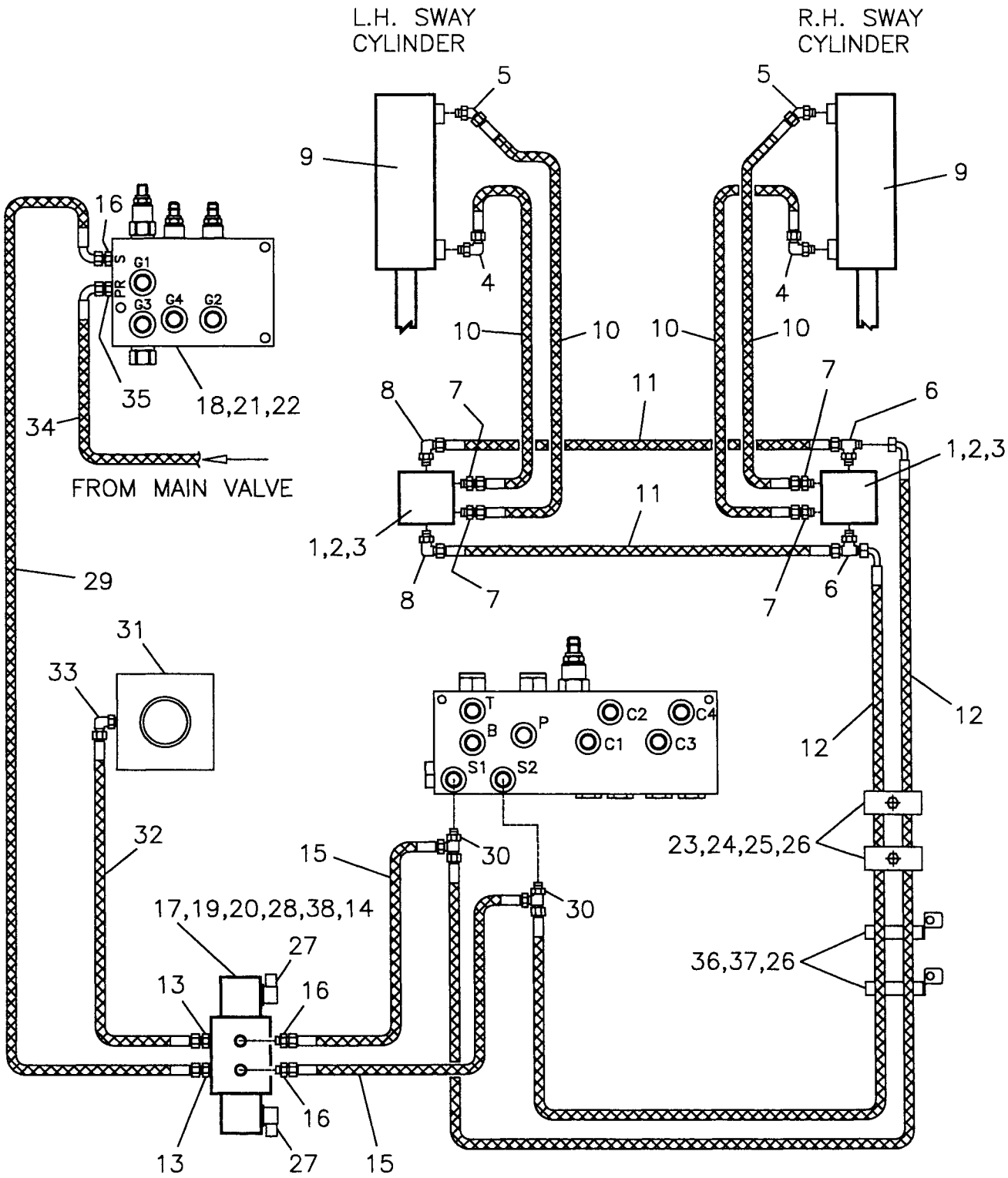

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ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-04	VALVE / DUAL CHECK	REF
2	6-5205-16	CAPSCREW 5/16 NC x 2 LG.	4
3	7-173-05	SPRING CLIP 5/16 NC	4
4	6-6453-04	FITTING / 06 OR x 04 JIC 90	2
5	6-6452-19	FITTING / 06 OR x 04 JIC 45	2
6	6-6454-06	FITTING / 08 OR x 08 JIC BR-TEE	2
7	6-6450-06	FITTING / 08 OR x 04 JIC STR	4
8	6-6453-09	FITTING / 08 OR x 08 JIC 90	2
9	7-182-34	CYLINDER / SWAY	REF
10	6-7002-74	HOSE / 04 x 04 x 37 LG.	4
11	6-7004-44	HOSE / 08 x 08 x 22 LG.	2
12	6-7033-336	HOSE / 06 x 08-90 x 168 LG.	2
13	110129	RESTRICTOR FITTING (.060)	2
14	16073	CLAMP, 0.63, #10 x 1/4, RUB. CUSH.	1
15	6-7003-40	HOSE / 06 x 06 x 20 LG.	2
16	6-6450-08	FITTING / 06 OR x 06 JIC STR.	3
17	7-244-31	VALVE / ELECTRIC	REF
18	7-234-94	CONTROL BLOCK	REF
19	6-5204-12	CAPSCREW 1/4 NC x 1 1/2 LG.	1
20	6-6211-04	LOCKWASHER 1/4	2
21	6-5205-20	CAPSCREW 5/16 NC x 2 1/2 LG.	3
22	6-6211-05	LOCKWASHER 5/16	3
23	7-273-27	CLAMP HALF SET / 3/8 HOSE / TWIN	2
24	7-273-23	COVER PLATE / 3/8 HOSE CLAMP	2
25	7-173-07	CARRIAGE BOLT 3/8 NC x 2 1/4 LG.	2
26	6-6205-06	SELF-LOCKING NUT 3/8 NC	4
27	7-244-27	DIN CONNECTOR	REF
28	6-6201-04	HEX NUT 1/4 NC	2
29	6-7023-62	HOSE / 06 x 06-90 x 31 LG.	1
30	6-6455-05	FITTING / 06 OR x 06 JIC RN-TEE	2
31	3-1376	MANIFOLD BLOCK	REF
32	6-7003-90	HOSE / 06 x 06 x 45 LG.	1
33	6-6453-07	FITTING / 08 OR x 06 JIC 90	1
34	6-7025-36	HOSE / 10 x 10-90 x 18 LG.	REF
35	6-6450-15	FITTING / 08 OR x 10 JIC STR.	REF
36	5-2079	FORMING / HOSE HOLDER	2
37	7-173-19	CARRIAGE BOLT 3/8 NC x 1 LG.	2
38	6-5204-14	CAPSCREW 1/4 NC x 1 3/4 LG.	1

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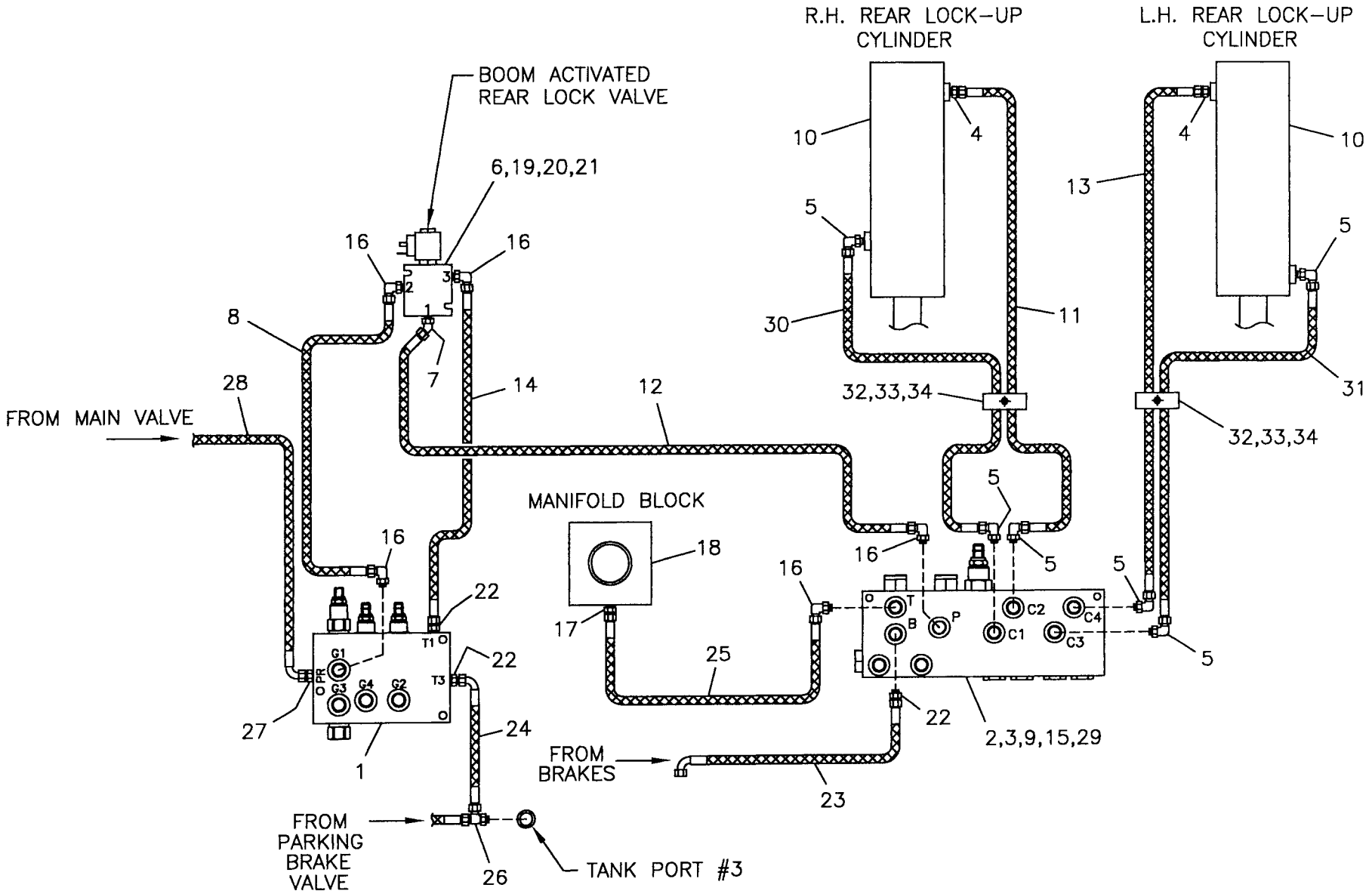

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ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-94	CONTROL BLOCK ASSEMBLY	REF
2	7-168-02	BLOCK ASSEMBLY / REAR LOCK-UP	REF
3	7-304-07	CARTRIDGE / MODULAR CONTROL	REF
4	6-6450-05	FITTING / 06 OR x 04 JIC STR.	2
5	6-6453-04	FITTING / 06 OR x 04 JIC 90	6
6	7-367-13	VALVE / BOOM ACTIVATED REAR LOCK	REF
7	6-6452-03	FITTING / 06 OR x 06 JIC 45	1
8	6-7003-22	HOSE / 06 x 06 x 11 LG.	1
9	6-6211-05	LOCKWASHER 5/16	2
10	7-182-34	CYLINDER / REAR LOCK-UP	REF
11	6-7002-86	HOSE / 04 x 04 x 43 LG.	1
12	6-7003-56	HOSE / 06 x 06 x 28 LG.	1
13	6-7002-62	HOSE / 04 x 04 x 31 LG.	1
14	6-7003-20	HOSE / 06 x 06 x 10 LG.	1
15	6-5205-22	CAPSCREW 5/16 NC x 2 3/4 LG.	2
16	6-6453-06	FITTING / 06 OR x 06 JIC 90	5
17	6-6450-09	FITTING / 08 OR x 06 JIC STR.	1
18	3-1376	MANIFOLD BLOCK	REF
19	6-5204-14	CAPSCREW 1/4 NC x 1 3/4 LG.	2
20	6-6211-04	LOCKWASHER 1/4	2
21	6-6212-04	FLATWASHER 1/4	2
22	6-6450-08	FITTING / 06 OR x 06 JIC STR.	3
23	6-7023-62	HOSE / 06 x 06-90 x 31 LG.	1
24	6-7023-32	HOSE / 06 x 06-90 x 16 LG.	1
25	6-7003-74	HOSE / 06 x 06 x 37 LG.	1
26	6-6455-05	FITTING / 06 OR x 06 JIC RN-TEE	REF
27	6-6450-15	FITTING / 08 OR x 10 JIC STR.	REF
28	6-7025-36	HOSE / 10 x 10-90 x 18 LG.	REF
29	6-6201-05	HEX NUT 5/16 NC	2
30	6-7002-100	HOSE / 04 x 04 x 50 LG.	1
31	6-7002-84	HOSE / 04 x 04 x 42 LG.	1
32	7-273-37	CLAMP HALF SET / 1/4 TWIN HOSE	2
33	7-273-23	COVER PLATE / 1/4 HOSE CLAMP	2
34	6-5205-10	CAPSCREW 5/16 NC x 1 1/4 LG.	2

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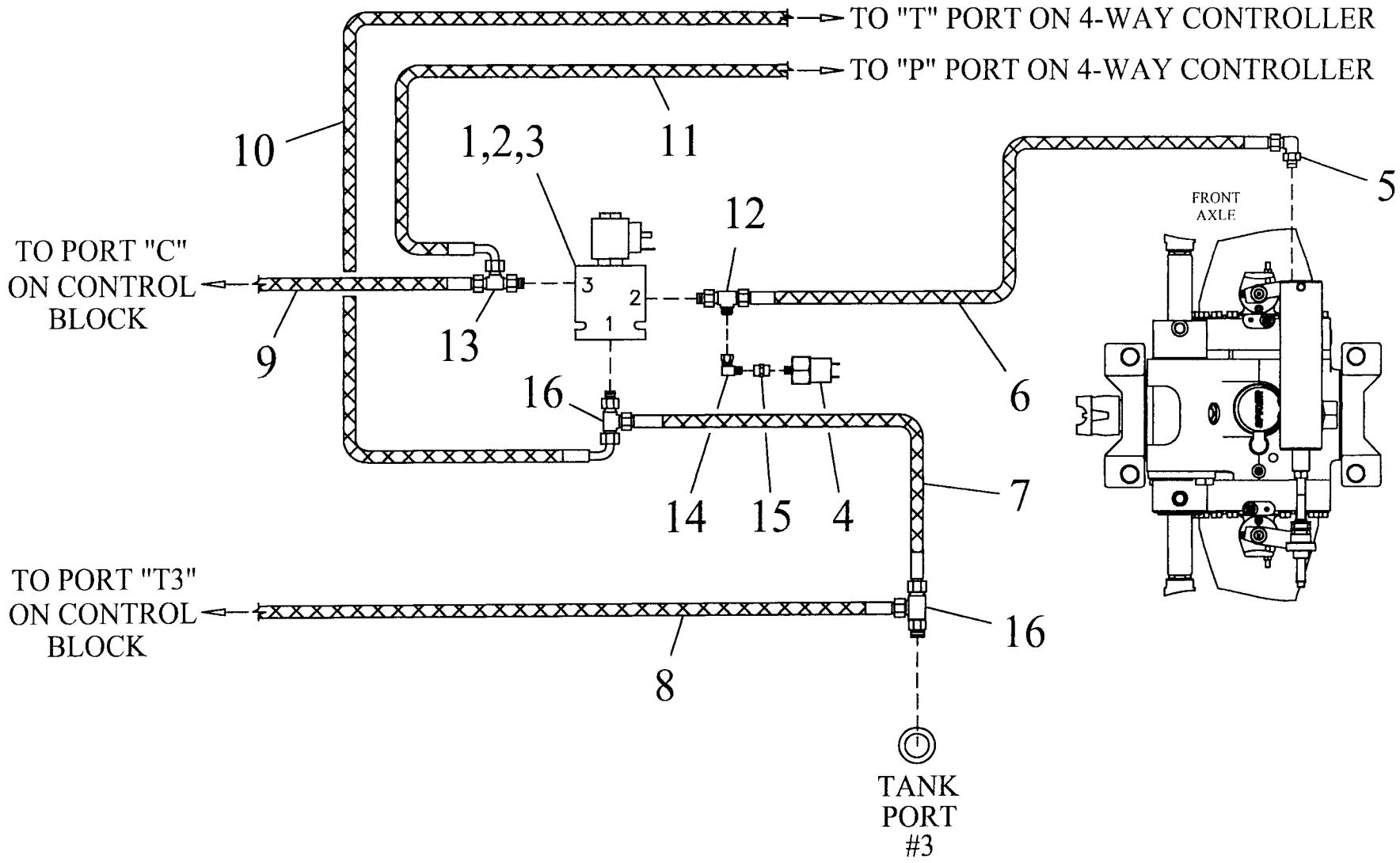

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ITEM	NUMBER	DESCRIPTION	REQD
1	7-367-02	VALVE ASSEMBLY / PARKING BRAKE	REF
2	5-2025	PLATE / VALVE BLOCK SHIM	1
3	7-244-27	DIN CONNECTOR	REF
4	7-359-16	PRESSURE SWITCH / PARKING BRAKE	1
5	108672	FITTING / 1/4 GAS x 06 JIC 90	1
6	6-7003-144	HOSE / 06 x 06 x 72 LG.	1
7	6-7003-212	HOSE / 06 x 06 x 106 LG.	REF
8	6-7023-32	HOSE / 06 x 06-90 x 16 LG.	REF
9	6-7002-204	HOSE / 04 x 04 x 102 LG.	REF
10	6-7023-62	HOSE / 06 x 06-90 x 31 LG.	REF
11	6-7022-60	HOSE / 04 x 04-90 x 30 LG.	REF
12	6-6455-05	FITTING / 06 OR x 06 JIC RN-TEE	1
13	6-6455-15	FITTING / 06 OR x 04 JIC RN-TEE	REF
14	6-6435-03	FITTING / 04 NPT M. x 06 JIC SW. 90	1
15	6-6402-02	FITTING / 02 x 04 NPT COUPLING	1
16	6-6455-05	FITTING / 06 OR x 06 JIC RN-TEE	REF

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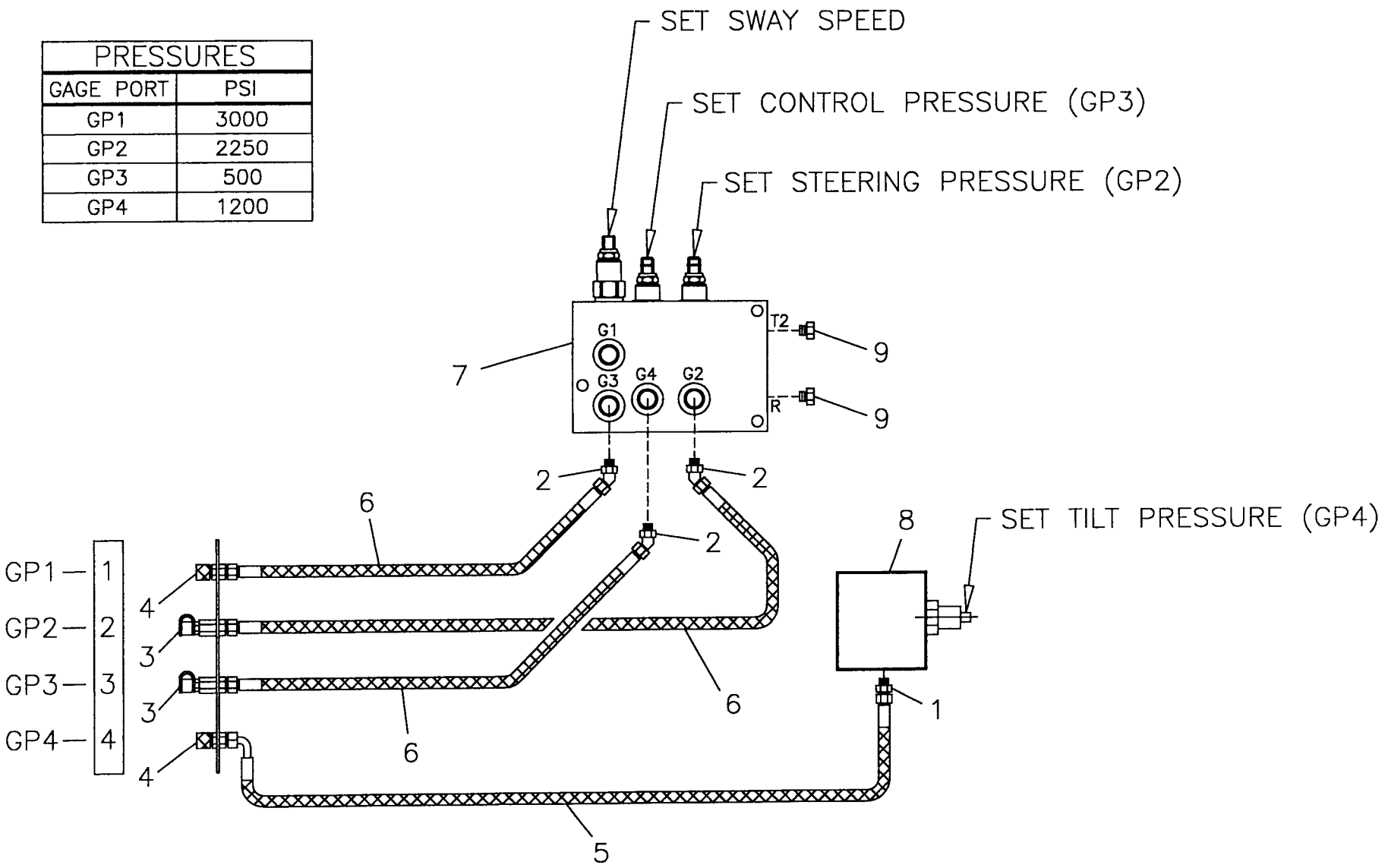
PRESSURES	
GAGE PORT	PSI
GP1	3000
GP2	2250
GP3	500
GP4	1200



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ITEM	NUMBER	DESCRIPTION	REQD
1	6-6450-05	FITTING / 06 OR x 04 JIC STR.	1
2	6-6452-19	FITTING / 06 OR x 04 JIC 45	3
3	7-256-27	PRESSURE CHECK / MALE	2
4	7-302-01	PRESSURE CHECK / MALE	2
5	6-7022-30	HOSE / 04 x 04-90 x 15 LG.	1
6	6-7002-34	HOSE / 04 x 04 x 17 LG.	3
7	7-234-94	CONTROL BLOCK	REF
8	7-234-50	VALVE / TILT LIMITER	REF
9	6-6457-05	FITTING / 06 OR PLUG	2

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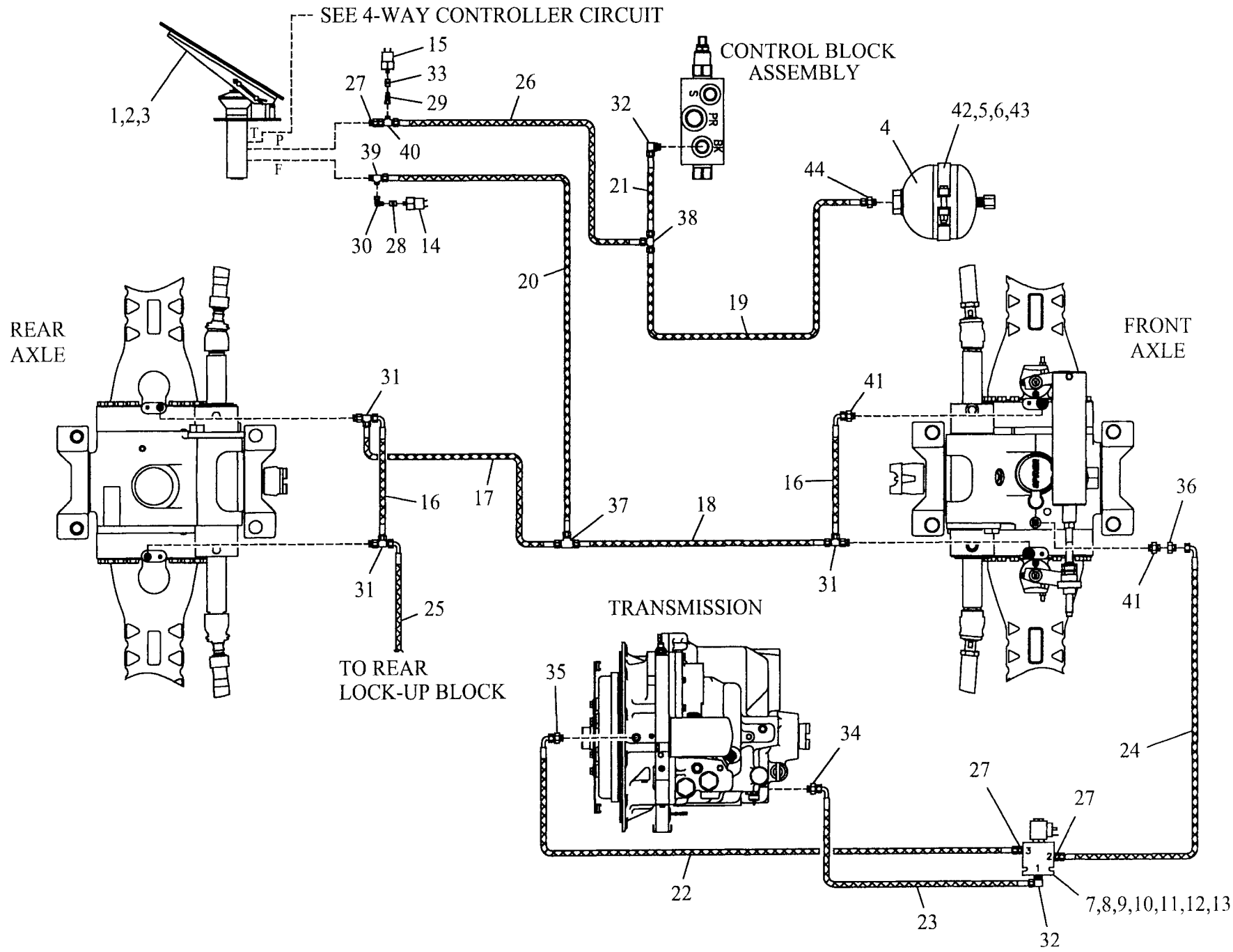

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ITEM	NUMBER	DESCRIPTION	REQD
1	7-186-01	ACTUATOR / FOOT BRAKE PEDAL	REF
2	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	REF
3	6-6211-04	LOCKWASHER 1/4	REF
4	7-110-02	ACCUMULATOR / BRAKE	REF
5	6-5205-08	CAPSCREW 5/16 NC x 1 LG.	2
6	6-6212-05	FLATWASHER 5/16	2
7	7-367-02	VALVE ASSEMBLY / DIFF. LOCK	REF
8	5-2025	PLATE / VALVE BLOCK SHIM	1
9	6-5204-30	CAPSCREW 1/4 NC x 3 3/4 LG.	2
10	6-6212-04	FLATWASHER 1/4	2
11	6-6211-04	LOCKWASHER 1/4	2
12	6-6201-04	HEX NUT 1/4 NC	2
13	7-244-27	DIN CONNECTOR	REF
14	7-359-17	PRESSURE SWITCH / CLUTCH CUT-OFF	1
15	7-359-18	PRESSURE SWITCH / SERVICE BRAKE	1
16	6-7023-28	HOSE / 06 x 06-90 x 14 LG.	2
17	6-7003-130	HOSE / 06 x 06 x 65 LG.	1
18	6-7003-180	HOSE / 06 x 06 x 90 LG.	1
19	6-7022-100	HOSE / 04 x 04-90 x 50 LG.	1
20	6-7003-100	HOSE / 06 x 06 x 50 LG.	1
21	6-7002-210	HOSE / 04 x 04 x 105 LG.	1
22	6-7022-88	HOSE / 04 x 04-90 x 44 LG.	1
23	6-7022-60	HOSE / 04 x 04-90 x 30 LG.	1
24	6-7022-172	HOSE / 04 x 04-90 x 86 LG.	1
25	6-7023-62	HOSE / 06 x 06-90 x 31 LG.	REF
26	6-7002-100	HOSE / 04 x 04 x 50 LG.	1
27	6-6450-05	FITTING / 06 OR x 04 JIC STR.	3
28	6-6402-02	FITTING / 02 NPT F. x 04 NPT F.	1
29	6-6486-01	FITTING / 02 NPT M. x 04 JIC SW. STR.	1
30	6-6435-03	FITTING / 04 NPT M. x 06 JIC SW. 90	1
31	108666	FITTING / 14mm OR x 06 JIC RN-TEE	3
32	6-6453-04	FITTING / 06 OR x 04 JIC 90	2
33	6-6440-02	FITTING / 02 NPT COUPLING	1
34	6-6450-03	FITTING / 04 OR x 04 JIC STR.	1
35	6-6450-36	FITTING / 03 OR x 04 JIC STR.	1
36	6-6495-07	FITTING / 06 x 04 JIC REDUCER	1
37	6-6482-05	FITTING / 06 JIC TEE	1
38	6-6482-03	FITTING / 04 JIC TEE	1
39	6-6455-05	FITTING / 06 OR x 06 JIC RN-TEE	1
40	6-6481-03	FITTING / 04 JIC SW-RN-TEE	1
41	7-371-04	FITTING / 14mm OR x 06 JIC STR.	2
42	7-110-03	BRACKET / ACCUMULATOR	1
43	7-173-05	SPRING CLIP 5/16 NC	2
44	6-6450-06	FITTING / 08 OR x 04 JIC STR.	1

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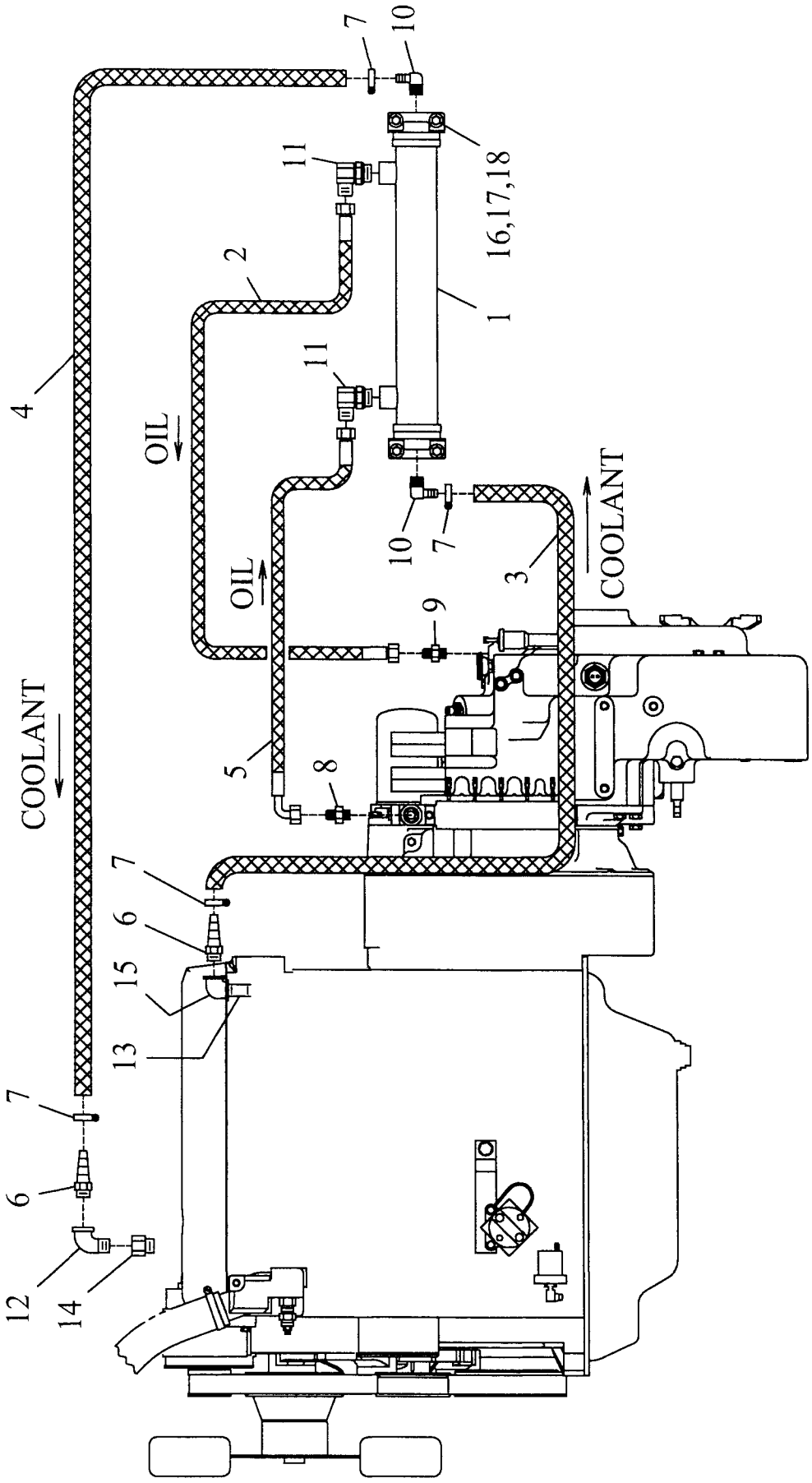

33	PAGE NUMBER	CIRCUIT / OIL COOLER TH844C w/ JD-4045 TIER II ENGINE	DRAWING NUMBER	P1-1952

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ITEM	NUMBER	DESCRIPTION	REQD
1	7-236-08	OIL COOLER	1
2	6-7006-37	HOSE / 12 x 12 x 18 1/2 LG.	1
3	6-9611-320	HOSE-HEATER 3/4 x 40 LG.	1
4	6-9611-464	HOSE-HEATER 3/4 x 58 LG.	1
5	6-7045-44	HOSE / 12 x 10-90 x 22 LG.	1
6	6-6423-18	HOSE END / 12-08 MALE PIPE	2
7	6-6252-04	HOSE CLAMP / NO. 12	4
8	6-6450-16	FITTING / 10 OR x 10 JIC STR.	1
9	6-6450-20	FITTING / 12 OR x 12 JIC STR.	1
10	6-6400-19	FITTING / 3/4 NPT x 3/4 HOSE BARB 90	2
11	6-6453-15	FITTING / 12 OR x 12 JIC 90	2
12	6-6437-04	FITTING / 08 NPT ST ELB BLK-P	1
13	6-6413-03	FITTING / 1/2 PIPE NIPPLE	1
14	6-6459-01	FITTING / 18mm x 08 NPT RED.	1
15	6-6438-04	FITTING / 08 NPT ELBOW BLK-P	1
16	6-5605-06	CAPSCREW SH 5/16 NC x 3/4 LG.	4
17	6-6212-05	FLATWASHER 5/16	4
18	7-173-05	SPRING CLIP 5/16 NC	4

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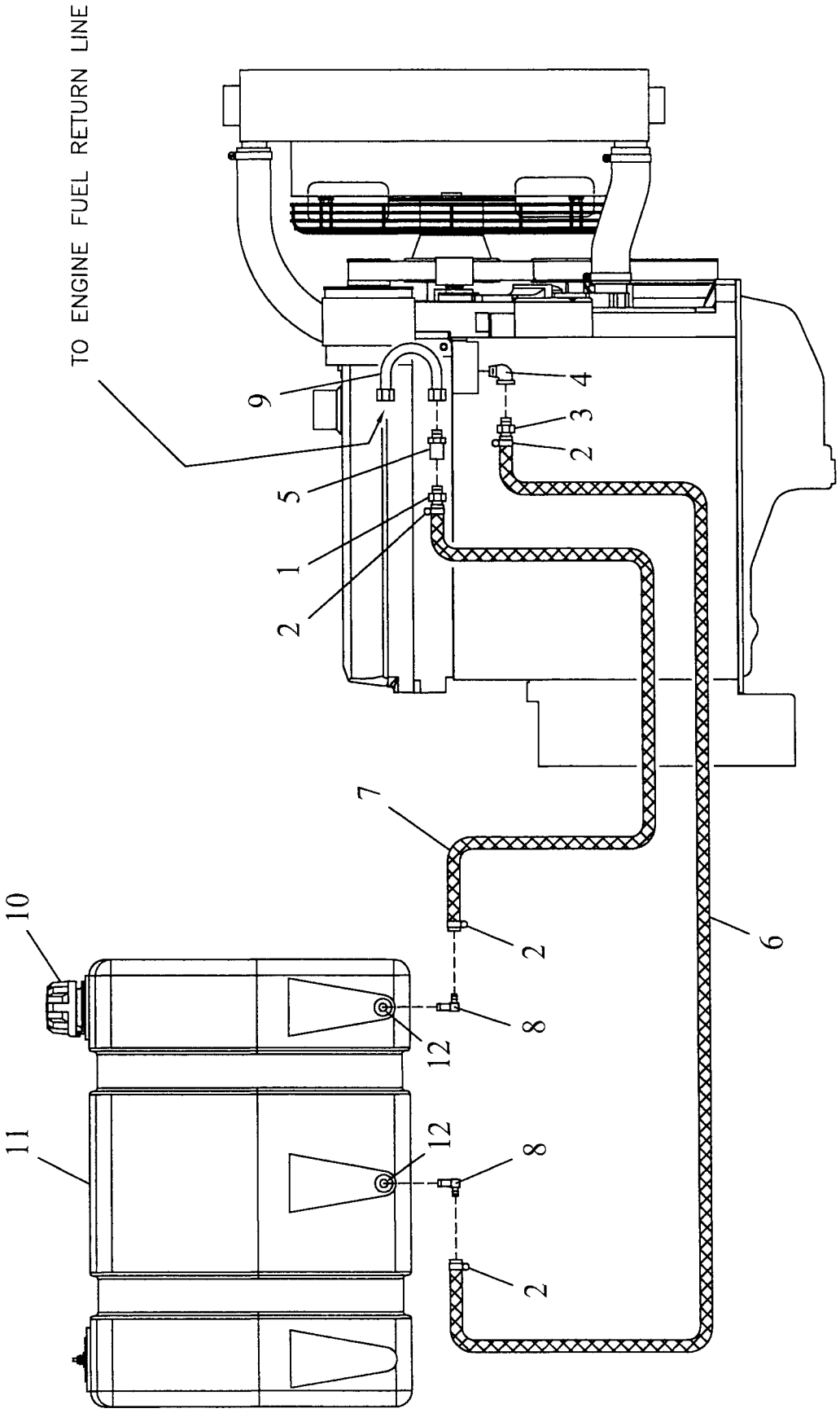

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ITEM	NUMBER	DESCRIPTION	REQD
1	6-6423-08	FITTING / 04 x 06 BRASS HOSE END	1
2	6-6252-20	HOSE CLAMP / NO. 2	4
3	6-6423-07	FITTING / 02 x 06 BR. HOSE END	1
4	6-6422-01	FITTING / 02 x 02 NPT BRASS ELBOW	1
5	6-6424-05	FITTING / 04 x 04 BRASS TUBE END	1
6	6-9605-720	HOSE-FUEL 3/8 x 90 LG.	1
7	6-9605-720	HOSE-FUEL 3/8 x 90 LG.	1
8	7-121-02	FITTING / 90 / 3/8 HOSE	2
9	1-1034	TUBE / FUEL LINE	1
10	7-272-09	FILLER CAP / FUEL	REF
11	7-373-01	FUEL TANK	REF
12	7-121-01	RUBBER BUSHING	2

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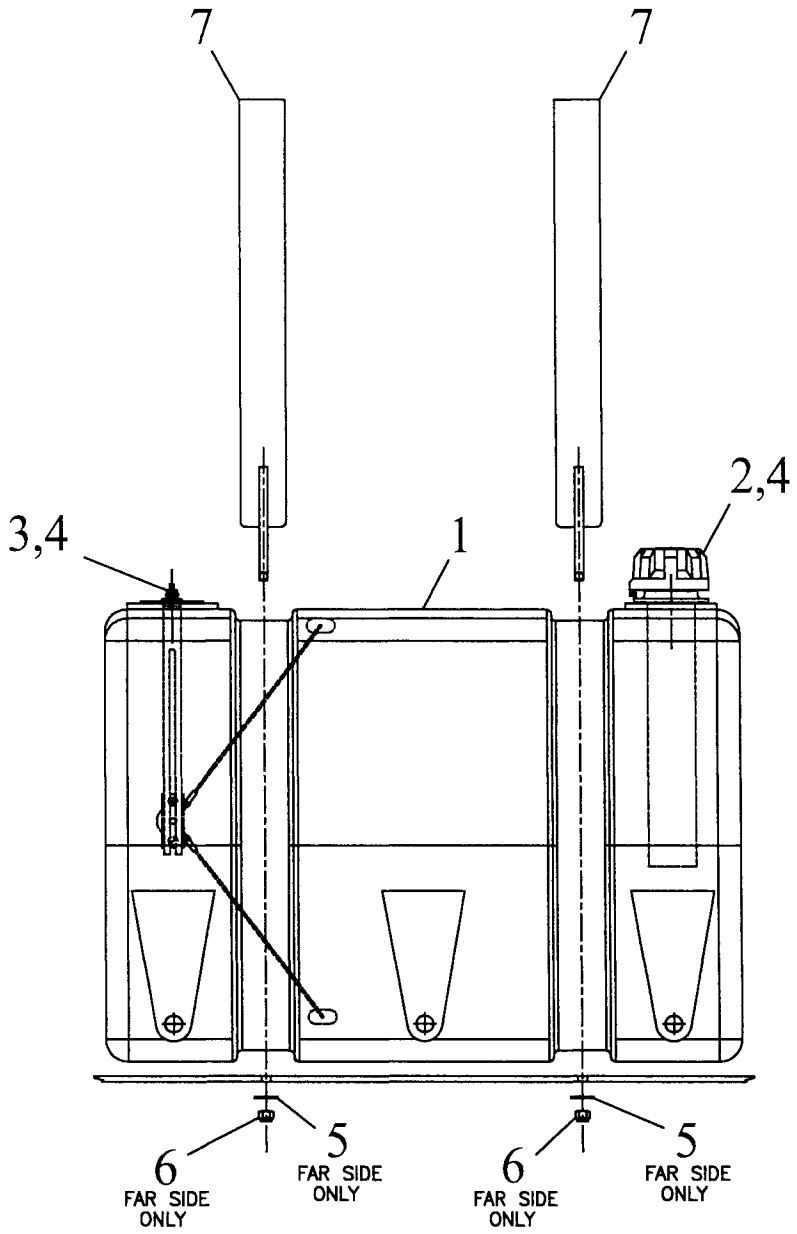

ITEM	NUMBER	DESCRIPTION	REQD
1	7-373-01	FUEL TANK / PLASTIC	1
2	7-272-09	FILLER CAP / FUEL	1
3	7-169-08	SENDER / FUEL GAUGE	REF
4	6-6284-13	MACHINE SCREW #10-32 x 1/2 LG.	11
5	6-6212-06	FLATWASHER 3/8	2
6	6-6205-06	SELF-LOCKING NUT 3/8 NC	2
7	3-1390	STRAP / FUEL TANK	2

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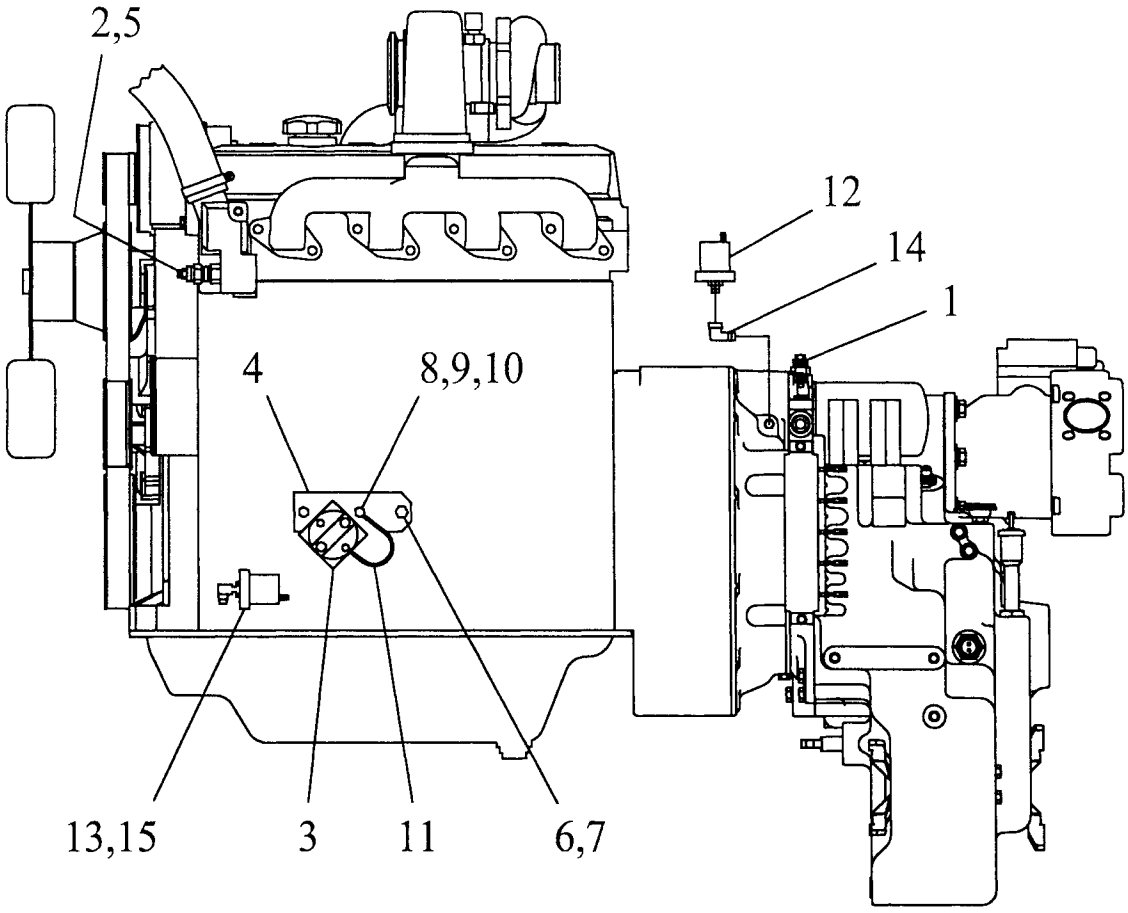

ITEM	NUMBER	DESCRIPTION	REQD
1	7-169-12	SENDER / TRANS. OIL TEMP.	1
2	7-169-19	SENDER / ENGINE WATER TEMP.	1
3	7-183-18	RELAY / STARTER	1
4	1-1024	MOUNT / STARTER RELAY	1
5	6-6406-04	FITTING / NPT RED. 1/2 x 3/8	1
6	6-8514-25	CAPSCREW 14mm x 2.0 x 25mm LG.	1
7	6-9111-14	LOCKWASHER 14mm	1
8	6-5204-04	CAPSCREW 1/4 NC x 1/2 LG.	2
9	6-6211-04	LOCKWASHER 1/4	2
10	6-6212-04	FLATWASHER 1/4	2
11	1-1094	GROUND WIRE / STARTER RELAY	1
12	7-169-11	SENDER / TRANS. OIL PRESSURE	1
13	6-6422-01	FITTING / 02 NPT 90 BR. ST. ELB.	1
14	6-6422-01	FITTING / 02 NPT BRASS ST. ELB.	1
15	7-169-09	SENDER / ENGINE OIL PRESSURE	1

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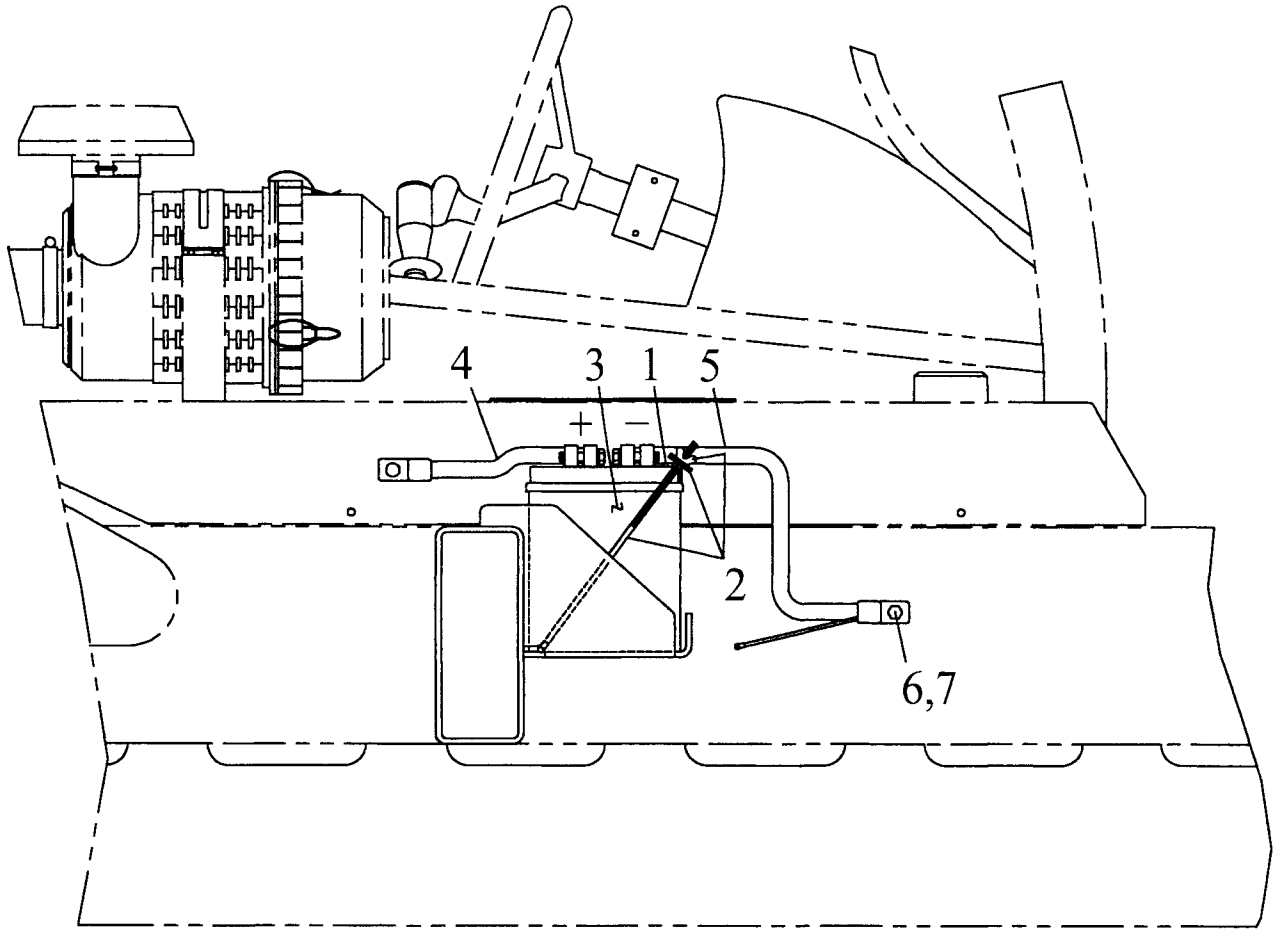

ITEM	NUMBER	DESCRIPTION	REQD
1	5-2008	FORMING / BATTERY HOLD DOWN	1
2	5-2012	HOOK / BATTERY HOLD DOWN	2
3	7-355-01	BATTERY / 12 VOLT	1
4	6-7801-132B	BATTERY CABLE / RED	1
5	6-7802-88B	BATTERY CABLE / BLACK	1
6	6-5208-08	CAPSCREW 1/2 NC x 1 LG.	1
7	6-6211-08	LOCKWASHER 1/2	1

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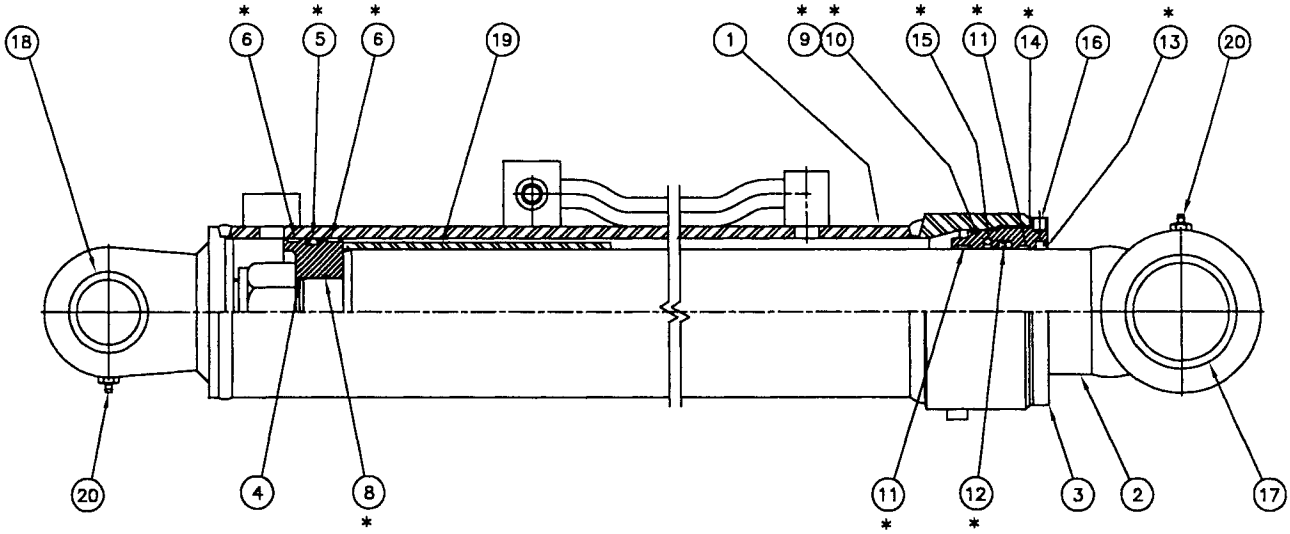

ITEM	NUMBER	DESCRIPTION		REQD
1	7-316-420	BARREL ASSEMBLY		1
2	7-316-418	ROD ASSEMBLY		1
3	7-316-421	HEAD		1
4	7-316-422	PISTON		1
5	7-316-54	SEAL / PISTON	(*)	1
6	7-316-409	WEAR RING / PISTON	(*)	2
7	7-316-417	SELF-LOCKING NUT		1
8	7-316-410	O-RING / STUB SHAFT	(*)	1
9	7-316-416	O-RING / HEAD	(*)	1
10	7-316-414	BACK-UP RING / HEAD	(*)	1
11	7-316-413	WEAR RING / HEAD	(*)	2
12	7-316-412	ROD SEAL / HEAD	(*)	1
13	7-316-415	WIPER / SHAFT	(*)	1
14	7-316-336	O-RING	(*)	1
15	7-316-411	BUFFER SEAL	(*)	1
16	7-316-247	SELF TAPPING SCREW		1
17	7-316-155	BRONZE BUSHING / Ref 6-4524-32		1
18	7-316-156	BRONZE BUSHING / Ref 6-4516-24		1
19	7-316-419	STROKE LIMITER		1
20	7-316-150	LUBE FITTING		2
21				
22	7-900-117	SEAL KIT / ITEMS MARKED	(*)	REF

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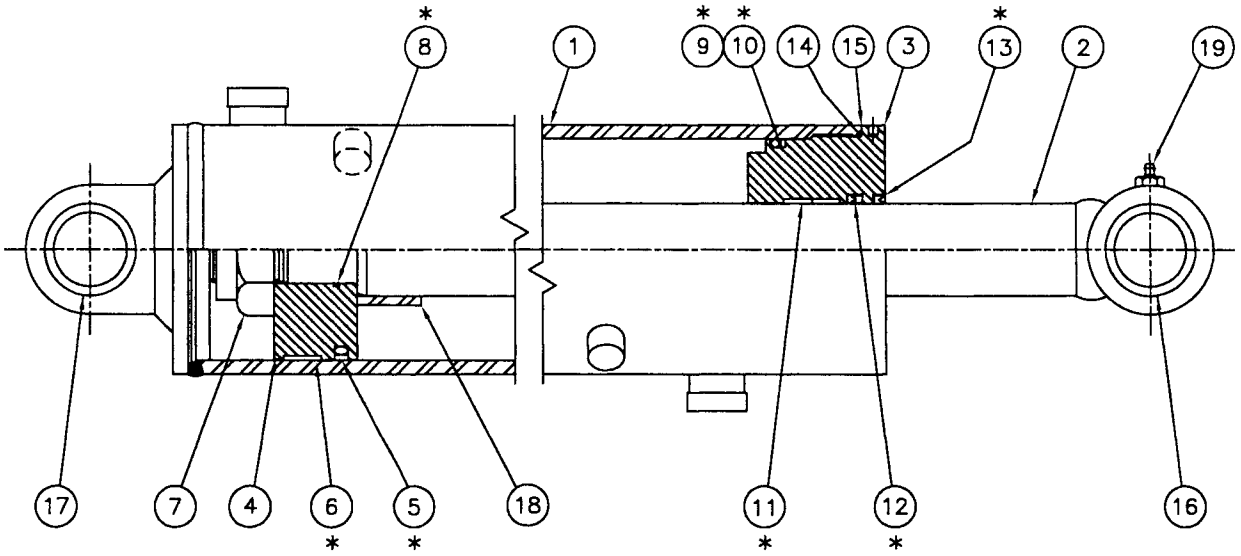

ITEM	NUMBER	DESCRIPTION		REQD
1	7-316-292	BARREL ASSEMBLY		1
2	7-316-250	ROD ASSEMBLY		1
3	7-316-293	HEAD		1
4	7-316-249	PISTON		1
5	7-316-59	SEAL / PISTON	(*)	1
6	7-316-68	WEAR RING / PISTON	(*)	1
7	7-316-246	SELF-LOCKING NUT		1
8	7-316-236	O-RING / STUB SHAFT	(*)	1
9	7-316-83	O-RING / HEAD	(*)	1
10	7-316-84	BACK-UP RING / HEAD	(*)	1
11	7-316-49	WEAR RING / HEAD	(*)	2
12	7-316-29	SEAL / SHAFT	(*)	1
13	7-316-35	WIPER / SHAFT	(*)	1
14	7-316-294	O-RING	(*)	1
15	7-316-247	SELF TAPPING SCREW		1
16	7-316-156	BRONZE BUSHING / Ref 6-4516-24		1
17	7-316-156	BRONZE BUSHING / Ref 6-4516-24		1
18	7-316-189	SPACER		1
19	7-316-150	LUBE FITTING		1
20				
21	7-900-22	SEAL KIT / ITEMS MARKED	(*)	REF

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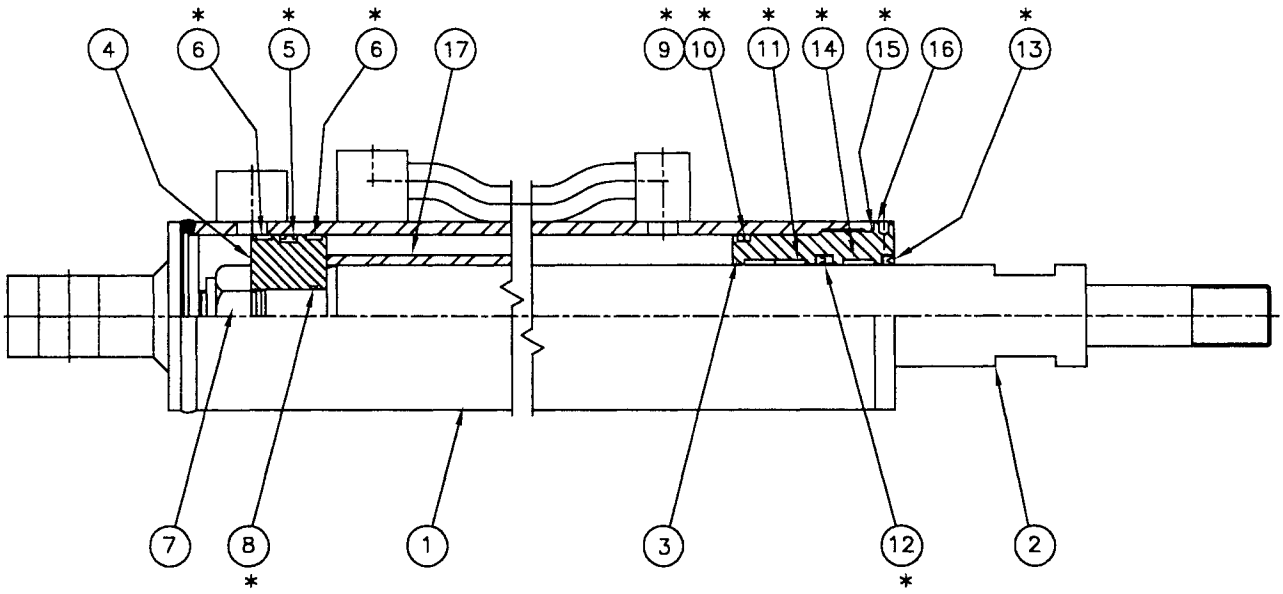

ITEM	NUMBER	DESCRIPTION		REQD
1	7-316-261	BARREL ASSEMBLY		1
2	7-316-262	ROD		1
3	7-316-289	HEAD		1
4	7-316-263	PISTON		1
5	7-316-53	SEAL / PISTON	(*)	1
6	7-316-232	WEAR RING / PISTON	(*)	2
7	7-316-74	SELF-LOCKING NUT		1
8	7-316-87	O-RING / STUB SHAFT	(*)	1
9	7-316-85	O-RING / HEAD	(*)	1
10	7-316-86	BACK-UP RING / HEAD	(*)	1
11	7-316-49	WEAR RING / HEAD	(*)	2
12	7-316-29	SEAL / SHAFT	(*)	1
13	7-316-35	WIPER / SHAFT	(*)	1
14	7-316-233	WEAR / RING	(*)	1
15	7-316-264	O-RING	(*)	1
16	7-316-247	SELF TAPPING SCREW		1
17	7-316-265	STROKE LIMITER		1
18				
19	7-900-23	SEAL KIT / ITEMS MARKED	(*)	REF

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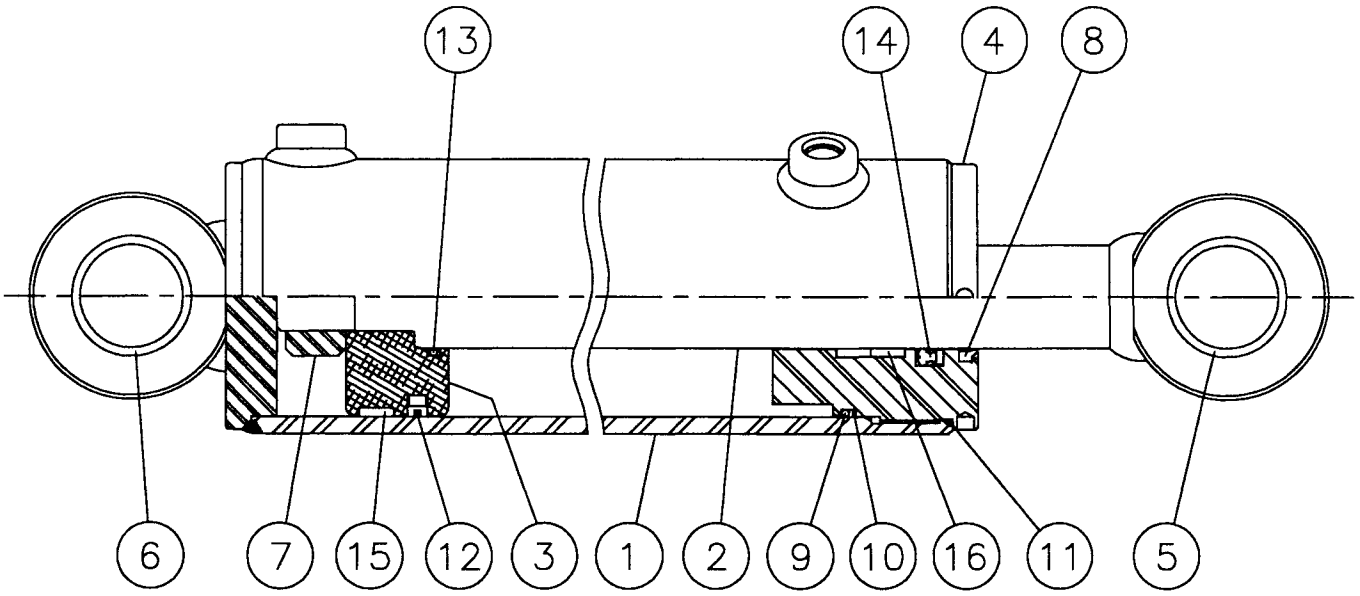

ITEM	NUMBER	DESCRIPTION		REQD
1	7-182-35	TUBE ASSEMBLY		1
2	7-182-36	ROD ASSEMBLY		1
3	7-182-08	PISTON		1
4	7-182-09	HEAD		1
5	7-182-37	BUSHING / ROD END		1
6	7-182-38	BUSHING / BASE END		2
7	7-182-13	LOCKNUT		1
8	7-182-14	WIPER / ROD	(*)	1
9	7-182-15	O-RING / HEAD	(*)	1
10	7-182-16	BACK-UP RING / HEAD	(*)	1
11	7-182-17	O-RING / HEAD	(*)	1
12	7-182-18	SEAL / PISTON	(*)	1
13	7-182-19	O-RING / PISTON	(*)	1
14	7-182-20	SEAL / ROD	(*)	1
15	7-182-21	WEAR RING / PISTON	(*)	1
16	7-182-22	WEAR RING / HEAD	(*)	2
17				
18	7-900-180	SEAL KIT / ITEMS MARKED	(*)	REF

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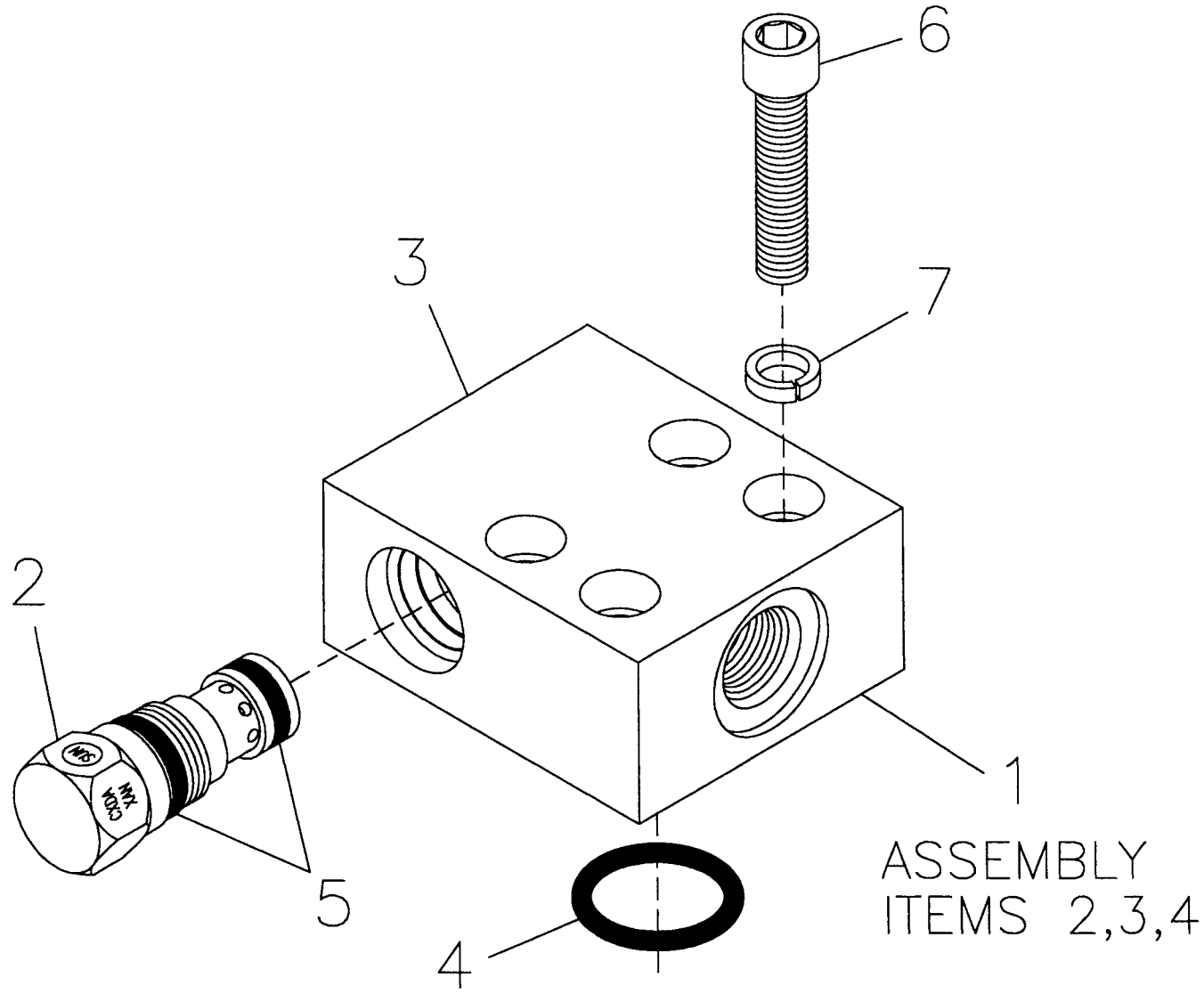

ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-02	MOTION VALVE ASSEMBLY	1
2	7-234-16	CARTRIDGE / CHECK	1
3	7-234-24	BODY	1
4	7-234-32	O-RING	1
5	7-234-31	SEAL KIT	1
6	6-5606-14	CAPSCREW SH 3/8 NC x 1 3/4 LG.	4
7	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4

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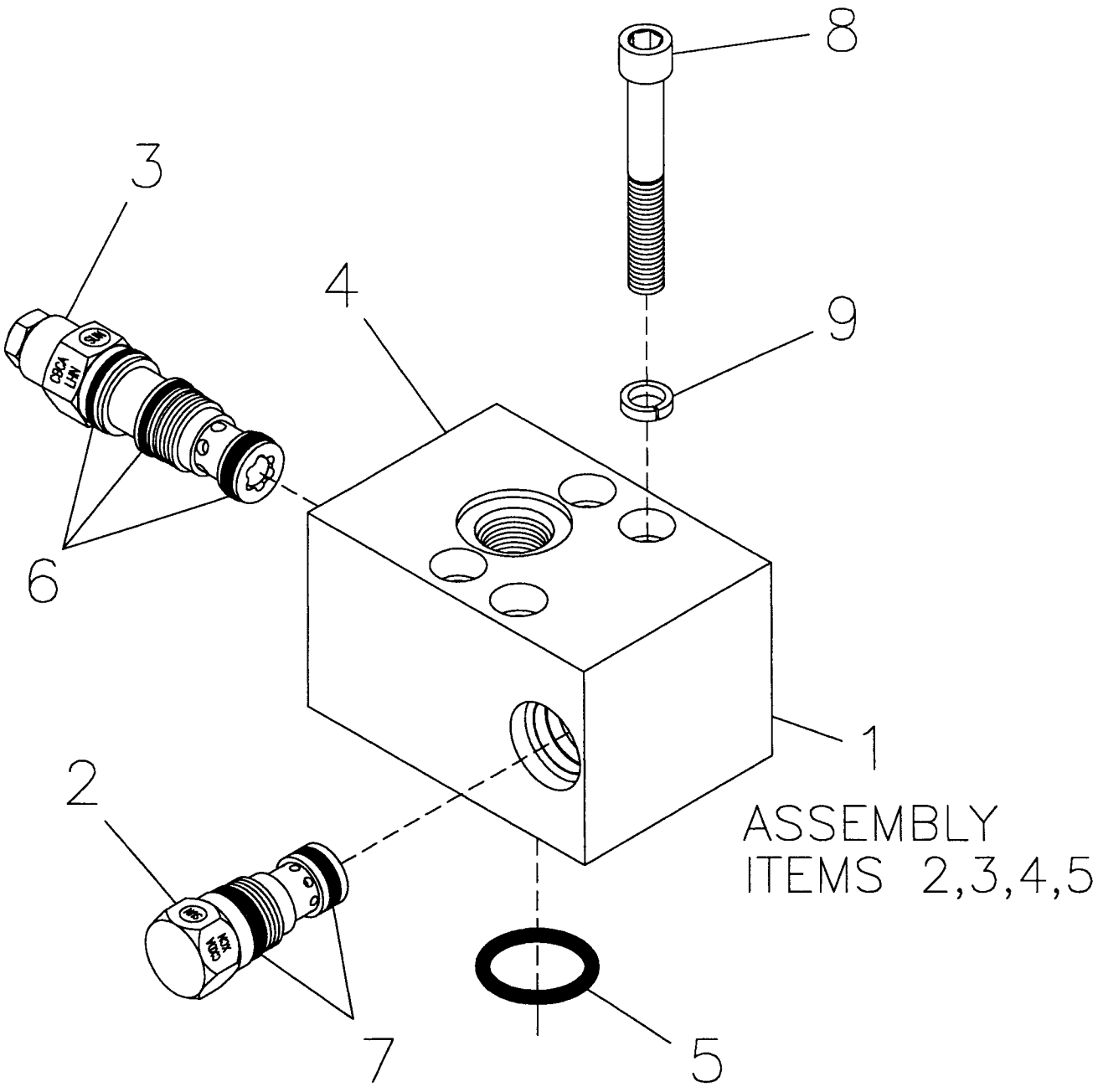

ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-01	MOTION VALVE ASSEMBLY	1
2	7-234-80	CARTRIDGE / CHECK	1
3	7-234-19	CARTRIDGE / COUNTERBALANCE	1
4	7-234-25	BODY	1
5	7-234-32	O-RING	1
6	7-234-29	SEAL KIT	1
7	7-234-31	SEAL KIT	1
8	6-5606-22	CAPSCREW SH 3/8 NC x 2 3/4 LG.	4
9	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4

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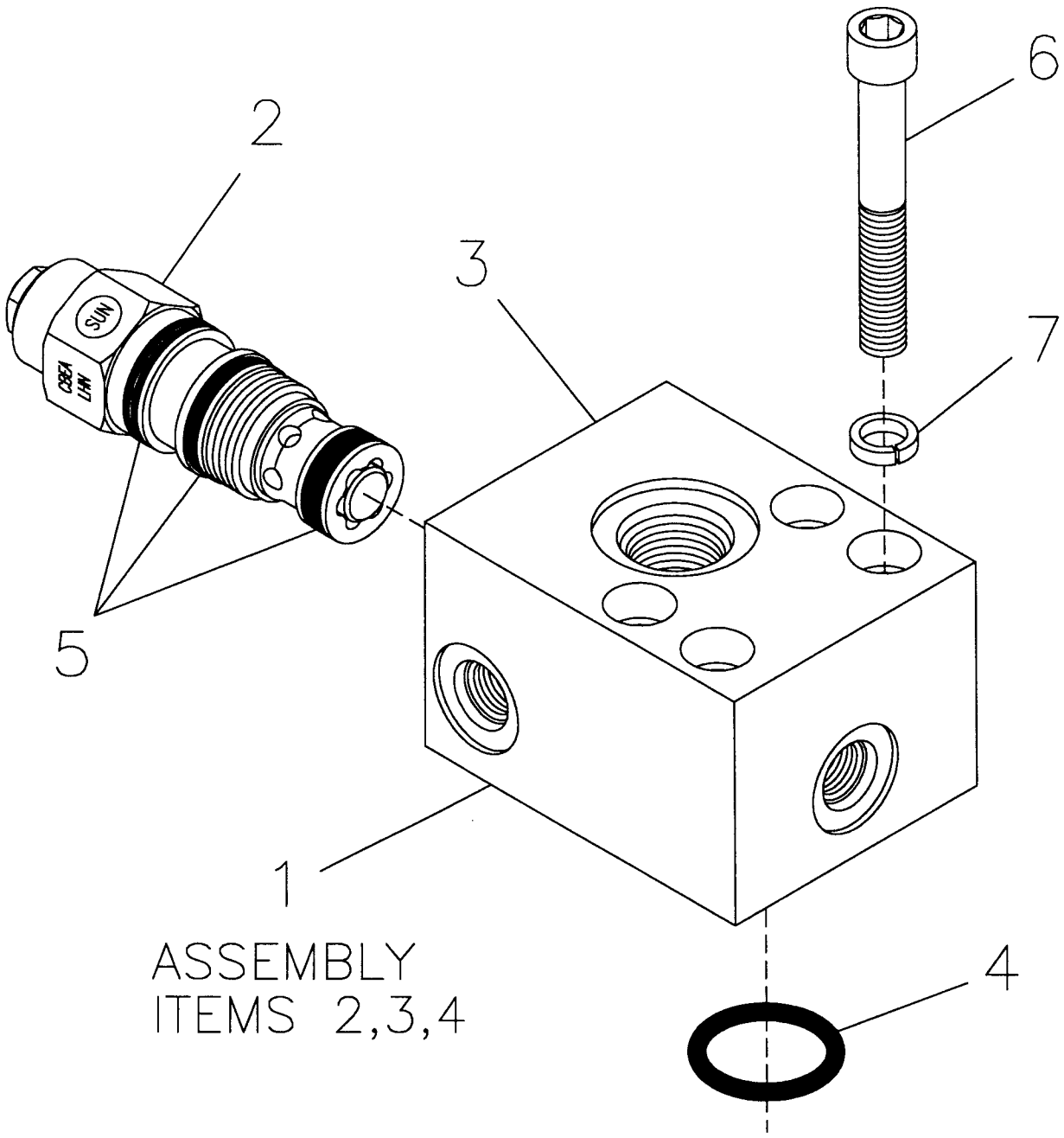

ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-03	MOTION VALVE ASSEMBLY	1
2	7-234-22	CARTRIDGE / COUNTERBALANCE	1
3	7-234-23	BODY	1
4	7-234-32	O-RING	1
5	7-234-30	SEAL KIT	1
6	6-5606-22	CAPSCREW SH 3/8 NC x 2 3/4 LG.	4
7	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4

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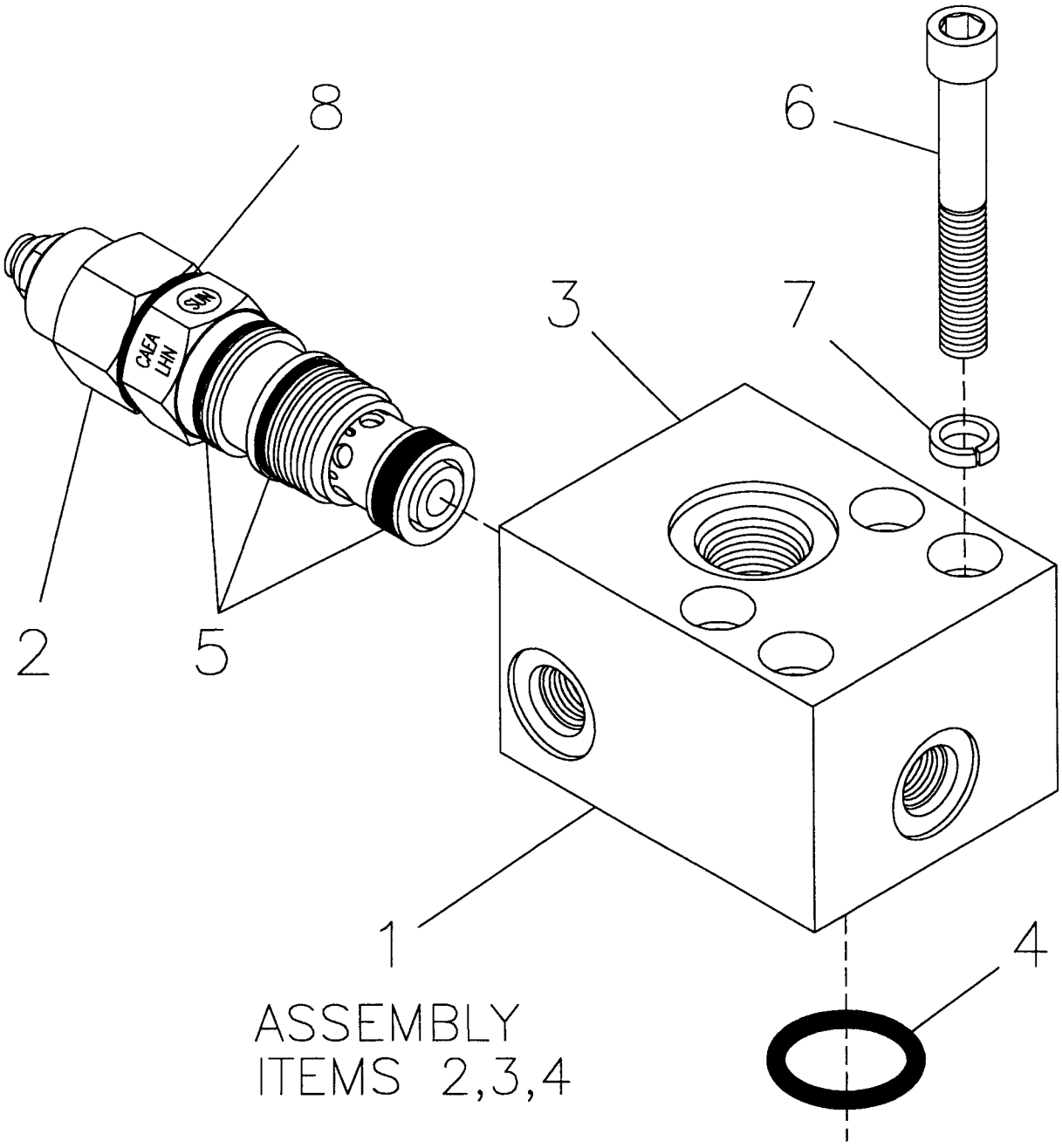

ASSEMBLY
ITEMS 2,3,4

ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-54	MOTION VALVE ASSEMBLY	1
2	7-234-53	CARTRIDGE / COUNTERBALANCE	1
3	7-234-23	BODY	1
4	7-234-32	O-RING	1
5	7-234-30	SEAL KIT	1
6	6-5606-22	CAPSCREW SH 3/8 NC x 2 3/4 LG.	4
7	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4
8	7-234-60	O-RING	1

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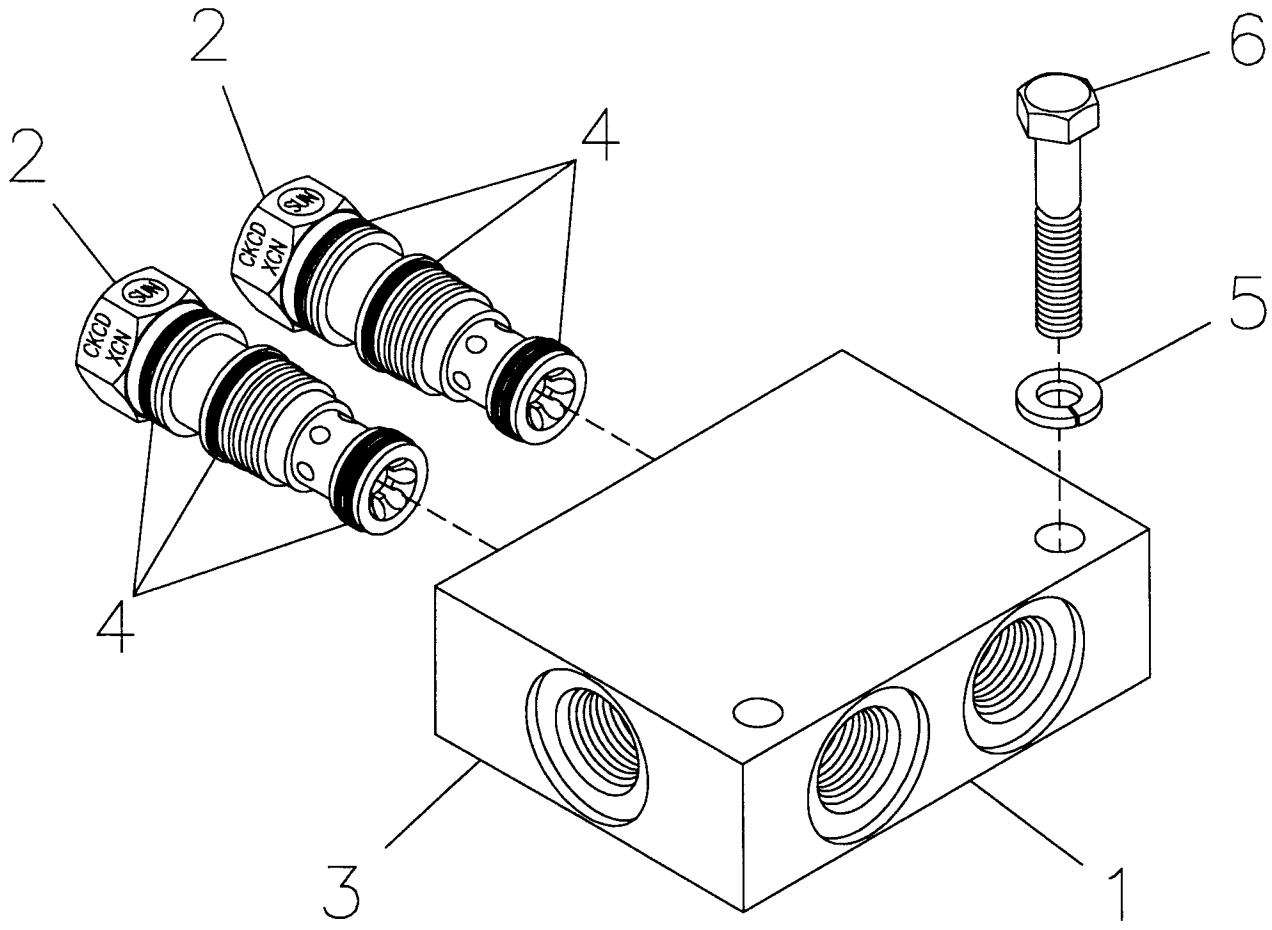

ASSEMBLY
ITEMS 2,3

ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-04	DUAL PILOT CHECK VALVE ASSY	1
2	7-234-18	CARTRIDGE / PILOT CHECK	2
3	7-234-21	BODY	1
4	7-234-29	SEAL KIT	2

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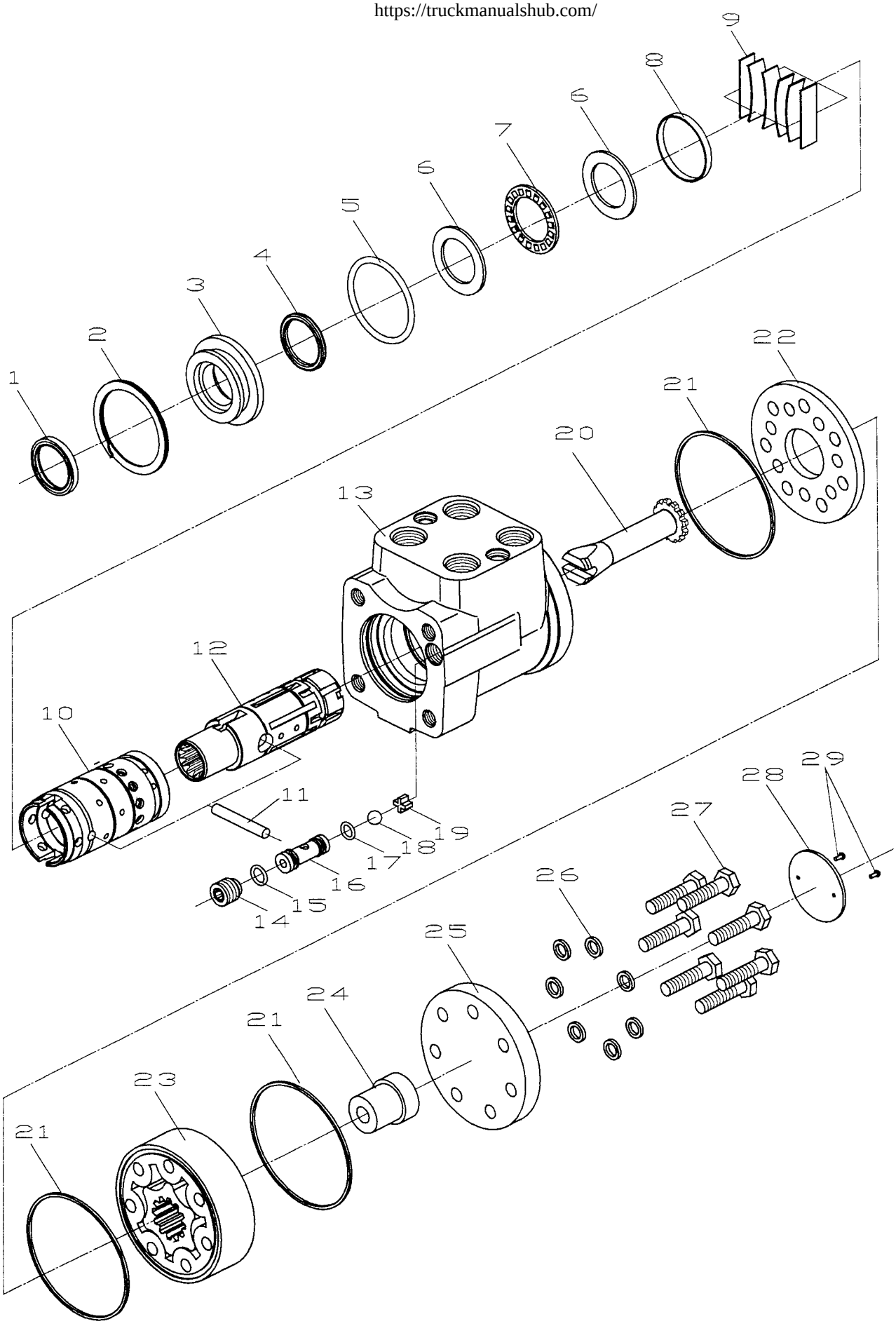

47	PAGE NUMBER	ORBITRAL ASSEMBLY / 7-147-48 TH844C		DRAWING NUMBER	P1-1977

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ITEM	NUMBER	DESCRIPTION	REQD
1	7-147-49	DUST SEAL* (INCLUDED WITH ITEM 30)	1
2	7-147-16	RETAINING RING	1
3	7-147-10	FRONT COVER	1
4	7-147-15	X-RING* (INCLUDED WITH ITEM 30)	1
5	7-147-09	O-RING* (INCLUDED WITH ITEM 30)	1
6	7-147-17	BEARING RACE 1	1
	7-147-19	BEARING RACE 2	1
7	7-147-18	THRUST BEARING	1
8	7-147-32	RING	1
9	7-147-12	SPRING, FLAT	2
	7-147-13	SPRING	4
10	7-147-50	CONTROL SLEEVE** (SOLD WITH ITEM 12)	1
11	7-147-31	PIN	1
12	7-147-51	CONTROL SPOOL** (SOLD WITH ITEM 12)	1
13	7-147-52	HOUSING	1
14	7-147-33	PLUG	1
15	7-147-34	O-RING* (INCLUDED WITH ITEM 30)	1
16	7-147-35	VALVE SEAT	1
17	7-147-36	O-RING* (INCLUDED WITH ITEM 30)	1
18	7-147-37	BALL	1
19	7-147-38	CROSS SUPPORT	1
20	7-147-29	DRIVE	1
21	7-147-53	CANT SEAL* (INCLUDED WITH ITEM 30)	3
22	7-147-23	DISTRIBUTOR PLATE	1
23	7-147-28	GEAR WHEEL SET	1
24	7-147-26	SPACER	1
25	7-147-27	END COVER	1
26	7-147-25	WASHER	7
27	7-147-24	SCREW	7
28	7-147-54	NAME PLATE	1
29	7-147-55	RIVET	1
30	7-147-56	*SEAL KIT (INCL. ITEMS 1,4,5,15,17, & 21)	REF

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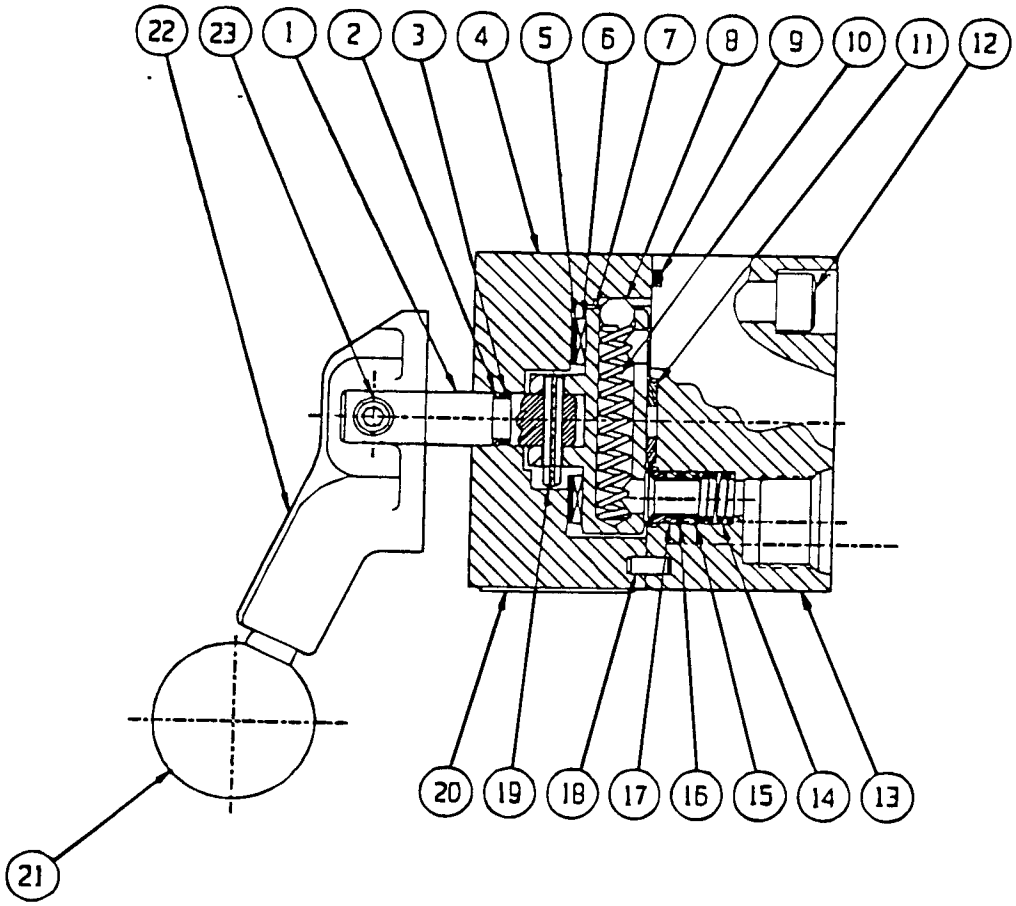

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ITEM	NUMBER	DESCRIPTION	REQD
1		SHAFT	1
2	7-359-06	BACK UP RING - SHAFT	1
3	7-359-07	O-RING - SHAFT	1
4		HOUSING	1
5		THRUST WASHER	1
6	7-359-08	THRUST BEARING	1
7	7-359-09	ROTOR	1
8	7-359-10	BALL - DETENT	1
9	7-359-11	O-RING - HOUSING	1
10	7-359-12	SPRING - DETENT	1
11		WASHER - SPACER	1
12		SCREW - BODY	4
13		BODY	1
14	7-359-13	SPRING - PRESS. SEAL	4
15	7-359-14	PRESSURE SEAL	4
16	7-359-07	O-RING - PRESS. SEAL	4
17	7-359-06	BACK UP RING - PRESS. SEAL	8
18		PIN - LOCATING	1
19		ROLL PIN - ROTOR	1
20		NAMEPLATE	1
21		KNOB - HANDLE	1
22	7-359-03	HANDLE / 5/8 LONG	1
23		SET SCREW	2

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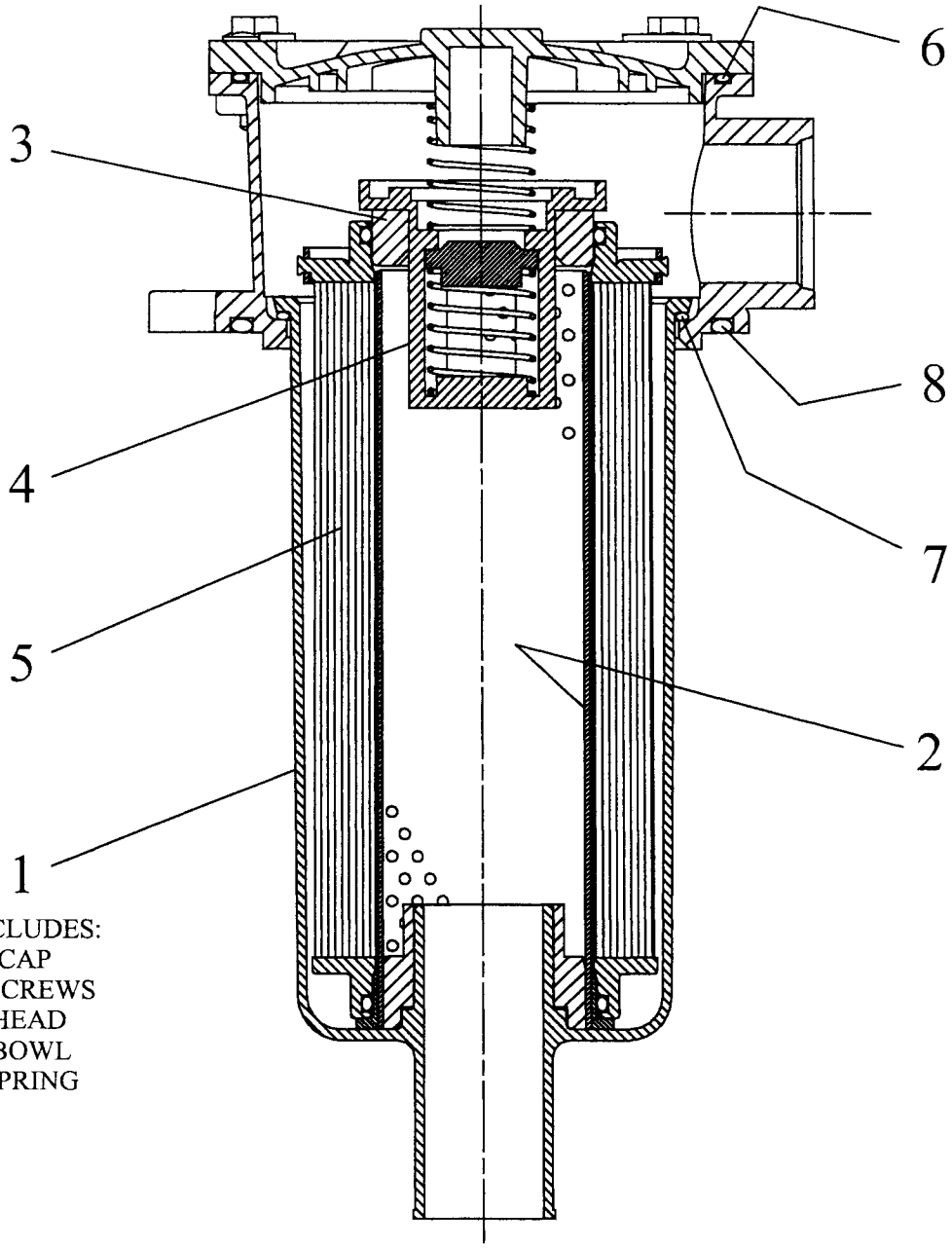

INCLUDES:
CAP
4 SCREWS
HEAD
BOWL
SPRING

ITEM	NUMBER	DESCRIPTION	REQD
1	7-118-04	HOUSING SUB-ASSEMBLY	1
2	7-118-05	CORE ASSEMBLY	1
3	7-118-06	UPPER NIPPLE	1
4	7-118-07	BYPASS VALVE	1
5	7-118-02	ELEMENT / FILTER	1
6	7-118-03	O-RING	1
7	7-118-08	O-RING	1
8	7-118-09	O-RING	1

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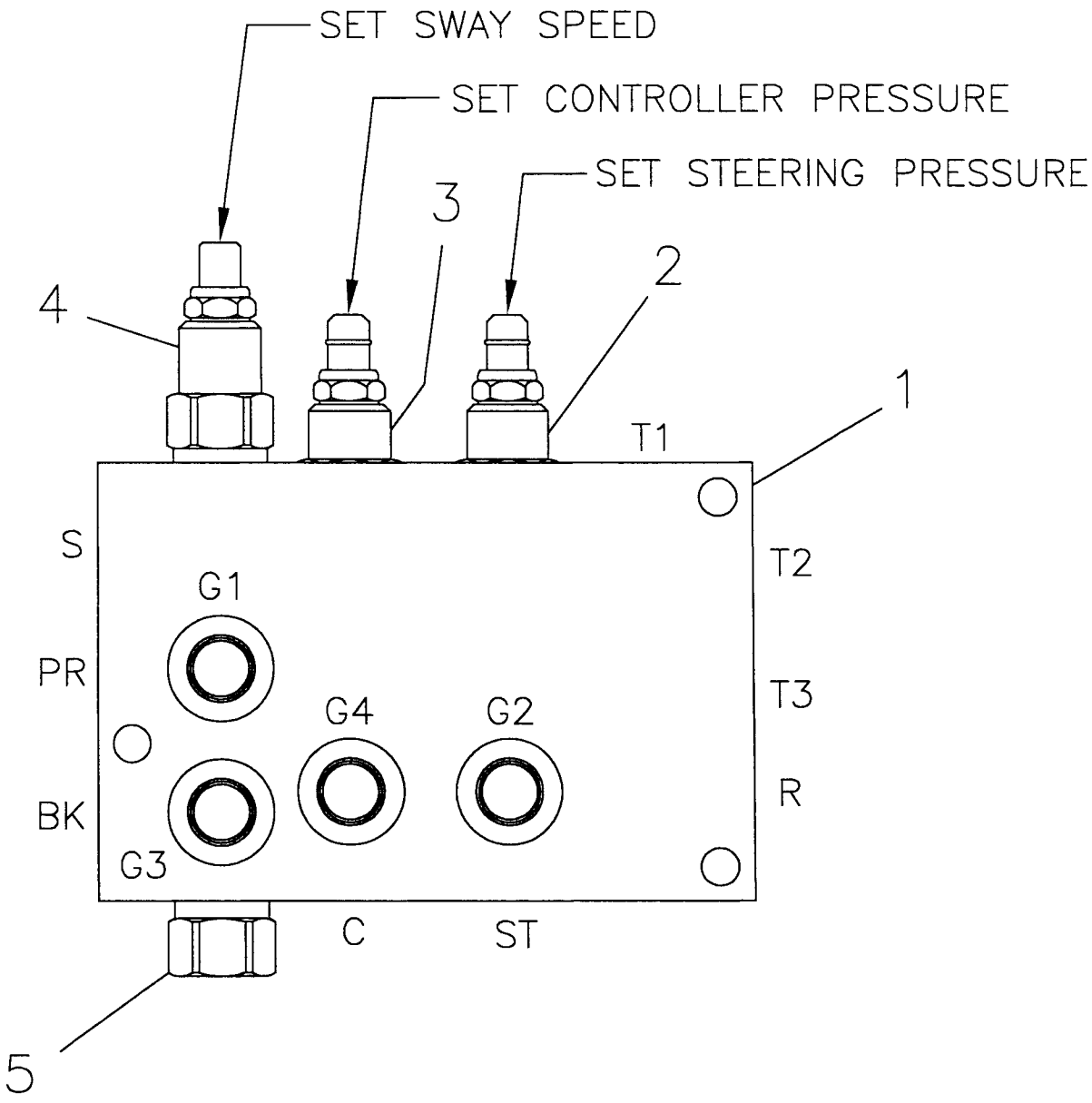

ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-97	BODY	1
2	7-234-28	CARTRIDGE / REDUC.-RELIEVING	1
3	7-234-13	CARTRIDGE / REDUC.-RELIEVING	1
4	7-234-37	CARTRIDGE / NEEDLE	1
5	7-234-80	CARTRIDGE / CHECK	1
6	7-234-94	CONTROL BLOCK ASSEMBLY (ITEMS 1-5)	1

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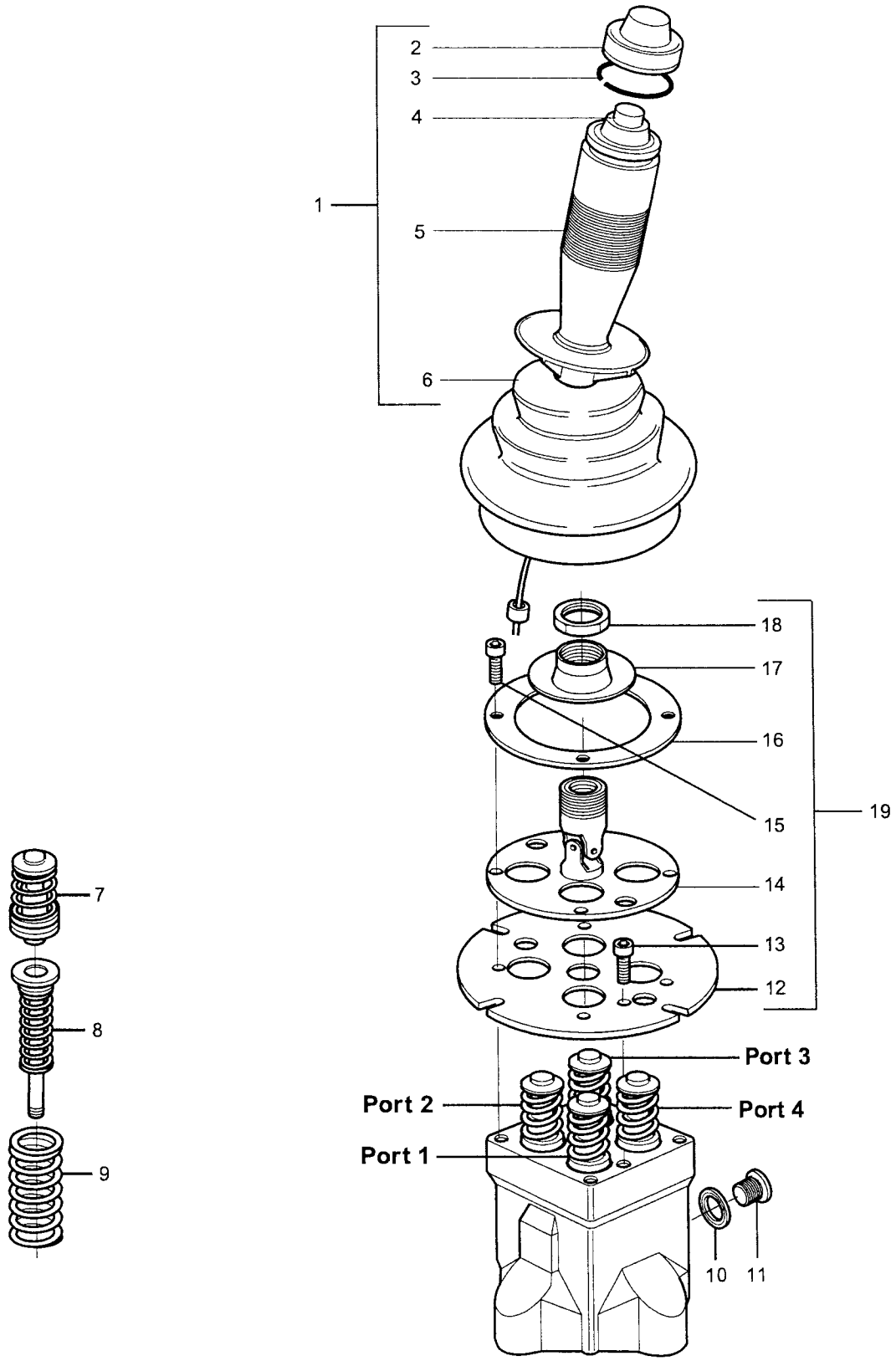

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ITEM	NUMBER	DESCRIPTION	REQD
1	7-200-153	HANDLE ASSEMBLY (ITEMS 2 THRU 6)	REF
2	7-200-09	RUBBER CAP (INCLUDED w/ ITEM 1)	1
3	7-200-10	LOCK RING (INCLUDED w/ ITEM 1)	1
4	7-200-07	SWITCH (INCLUDED w/ ITEM 1)	1
5		HANDLE (INCLUDED w/ ITEM 1)	1
6	7-200-154	BELLOWS (INCLUDED w/ ITEM 1)	1
7	7-200-128	PIN SET (PORT 1 & PORT 3)	2
	7-200-129	PIN SET (PORT 2 & PORT 4)	2
8	7-200-158	SPRING PACK	4
9	7-200-159	RETURN SPRING	4
10	7-200-160	FLAT SEAL	1
11	7-200-161	PLUG	1
12		MOUNTING PLATE (INCLUDED w/ ITEM 19)	1
13	7-200-157	SCREW (INCLUDED w/ ITEM 19)	2
14		SWIVEL PLATE (INCLUDED w/ ITEM 19)	1
15	7-200-156	SCREW (INCLUDED w/ ITEM 19)	4
16		RETAINING RING (INCLUDED w/ ITEM 19)	1
17		THREADED CAP (INCLUDED w/ ITEM 19)	1
18		RETAINER NUT (INCLUDED w/ ITEM 19)	1
19	7-200-155	MOUNTING PLATE ASSEMBLY (ITEMS 12 THRU 18)	REF

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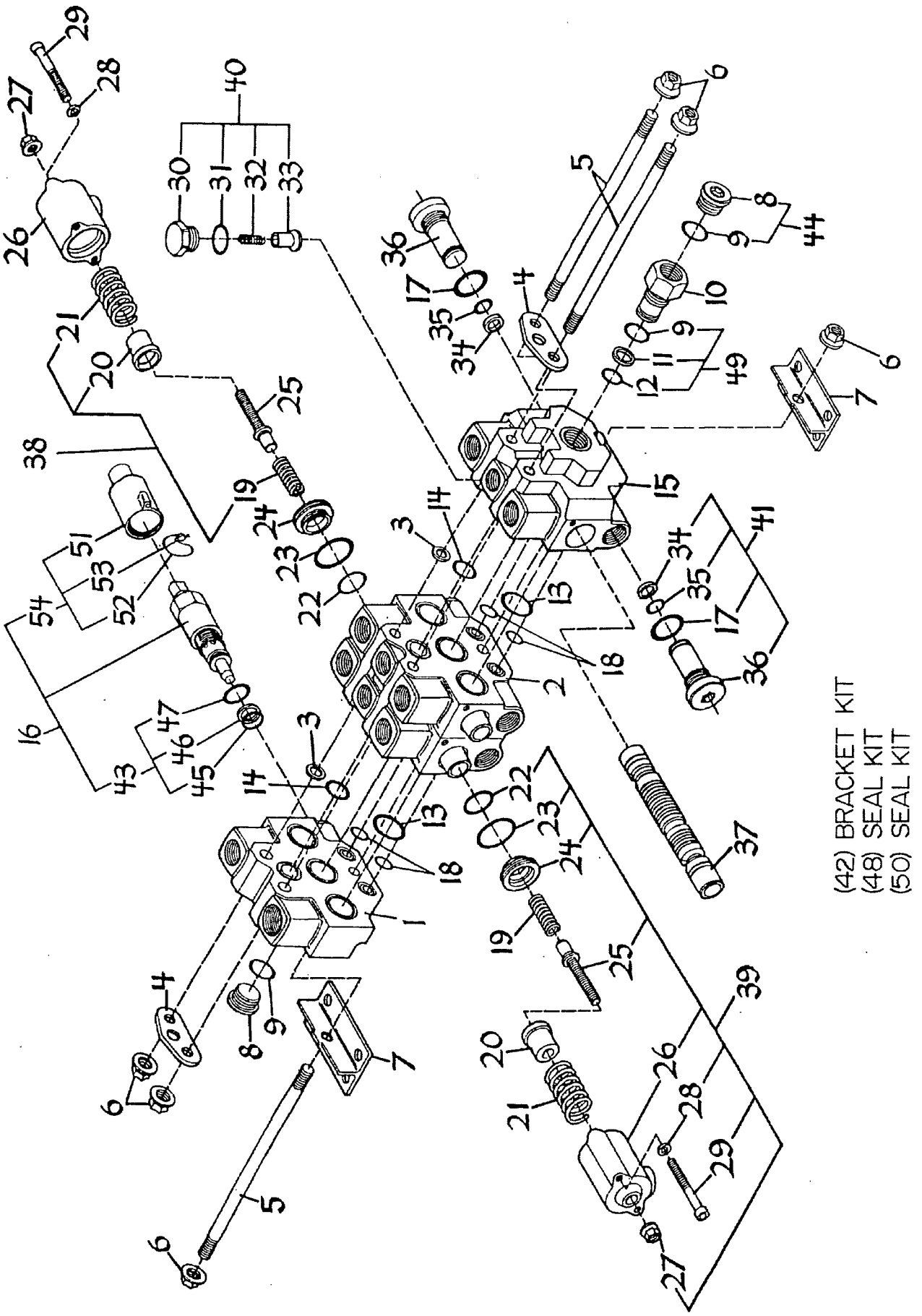

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ITEM	NUMBER	DESCRIPTION	REQD
1	7-200-117	INLET SECTION with SPOOL	1
2	7-200-118	CONTROL SECTION with SPOOLS	1
3	7-200-50	SPACER	6
4	7-200-91	LIFTING LUG	2
5	7-200-44	TIE ROD	3
6	7-200-45	FLANGE NUT	6
7	7-200-46	BRACKET	2
8	7-200-39	PLUG	2
9	7-200-92	O-RING	3
10	7-200-38	ADAPTER	1
11	7-200-93	BACK-UP RING	1
12	7-200-94	O-RING	1
13	7-200-95	O-RING	6
14	7-200-96	O-RING	2
15	7-200-119	OUTLET SECTION with SPOOL	1
16	7-200-120	MAIN RELIEF ASSEMBLY	1
17	7-200-52	O-RING	6
18	7-200-97	O-RING	4
19	7-200-98	SPRING	6
20	7-200-99	CASING / SPRING CENTERING	6
21	7-200-100	SPRING / CENTERING	6
22	7-200-101	O-RING	6
23	7-200-102	O-RING	6
24	7-200-103	SUPPORT RING	6
25	7-200-104	ADJUSTING SCREW	6
26	7-200-105	CAP	6
27	7-200-61	FLANGE NUT	6
28	7-200-62	WASHER	12
29	7-200-63	SCREW	12
30	7-200-64	PLUG	3
31	7-200-106	O-RING	3
32	7-200-66	SPRING	3
33	7-200-107	POPPET	3
34	7-200-68	BACK-UP RING	6
35	7-200-69	O-RING	6
36	7-200-70	Y-PLUG	6
37		SPOOL (with items 2 and 15)	3
38	7-200-108	SPRING KIT (ITEMS 19, 20, & 21)	REF
39	7-200-109	CAP ASSY (ITEMS 22 THRU 29)	REF
40	7-200-76	CHECK VALVE ASSY (ITEMS 30 THRU 33)	REF
41	7-200-77	Y-PLUG ASSY (ITEMS 17, 34, 35, & 36)	REF
42	7-200-110	BRACKET KIT (ITEMS 4, 6, & 7)	REF
43	7-200-111	SEAL KIT (ITEMS 45, 46, & 47)	REF
44	7-200-78	PLUG KIT (ITEMS 8 & 9)	REF
45	7-200-112	O-RING	1
46	7-200-113	BACK-UP RING	1
47	7-200-52	O-RING	1
48	7-200-114	SEAL KIT (ITEMS 22, 23, & 27)	REF
49	7-200-115	SEAL KIT (ITEMS 9, 11, & 12)	REF
50	7-200-116	SEAL KIT (ITEMS 3, 13, 14, & 18)	REF
51	7-200-121	SEALING CAP	1
52	7-200-122	SEALING WIRE	1
53	7-200-123	SEALING LEAD	1
54	7-200-124	SEALING CAP KIT (ITEMS 51, 52, & 53)	REF

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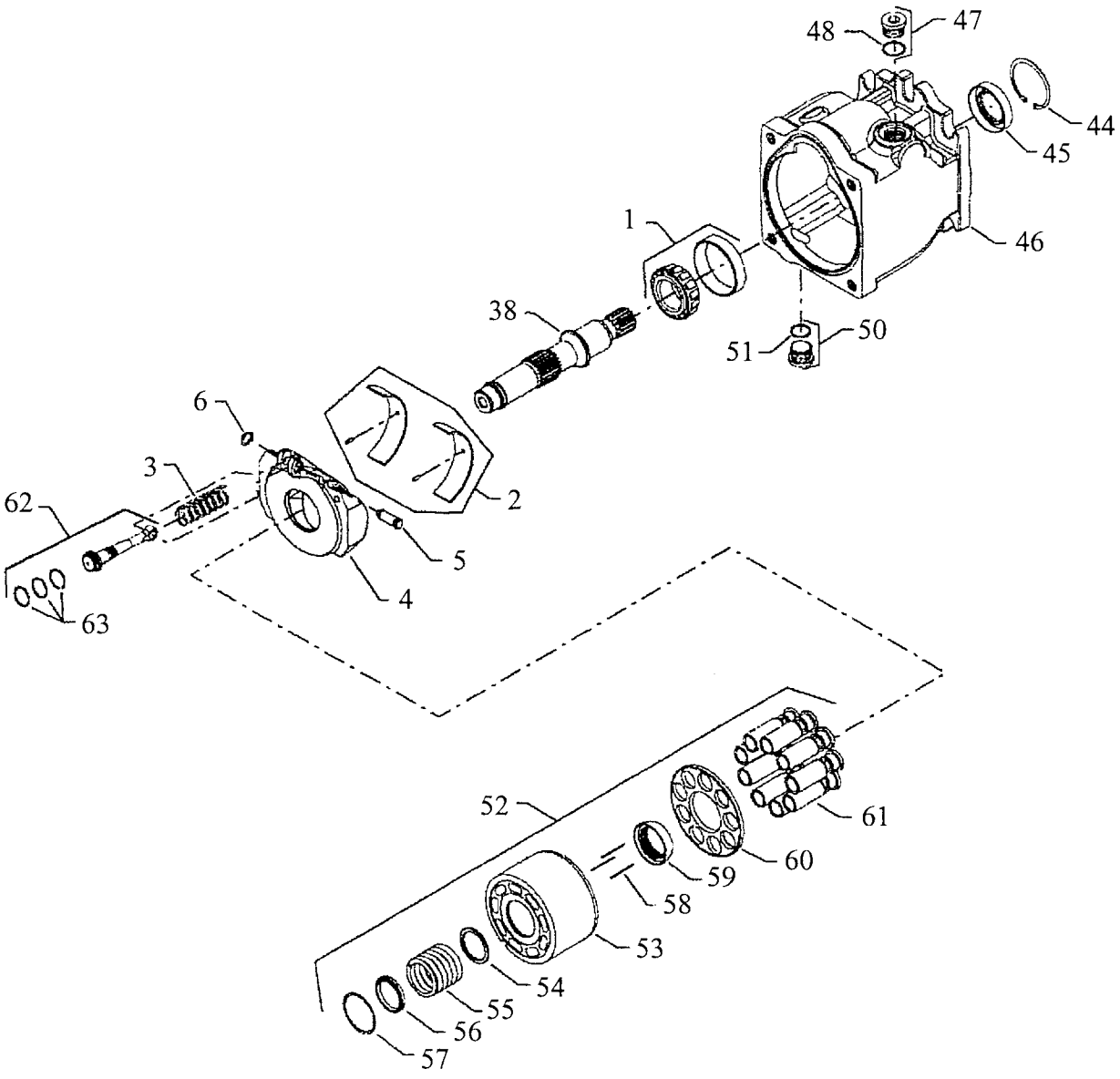

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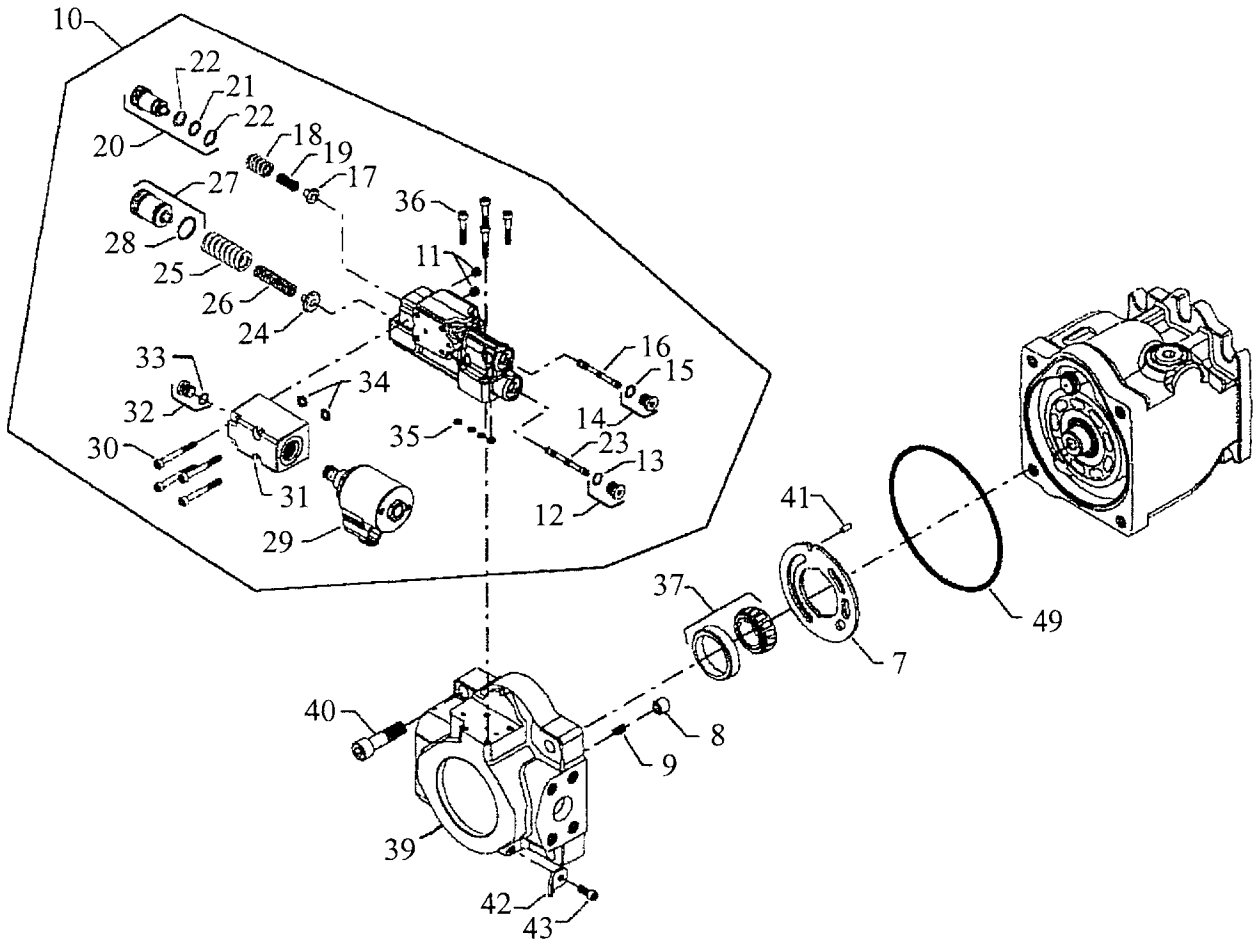

DRAWING NUMBER	P1-2142	HYDRAULIC PUMP ASSEMBLY / 7-112-05 TH844C	PAGE NUMBER	53A

https://truckmanualshub.com/

ITEM	NUMBER	DESCRIPTION	REQD
1	7-112-07	FRONT BEARING KIT	1
2	7-112-08	SWASHPLATE BEARING KIT	1
3	7-112-09	BIAS SPRING	1
4	7-112-10	SWASHPLATE ASSEMBLY	1
5	7-112-11	RETAINER SHAFT	1
6	7-112-12	RETAINING RING	1
7	7-112-13	VALVE PLATE / CW	1
8	7-112-14	CHECK VALVE POPPET	1
9	7-112-15	SPRING	1
10	7-112-16	CONTROL KIT	1
11	7-112-17	SCREW	2
12	7-112-18	PLUG ASSEMBLY	1
13	7-112-19	O-RING (*)	1
14	7-112-18	PLUG ASSEMBLY	1
15	7-112-19	O-RING (*)	1
16	7-112-20	REMOTE PC SPOOL	1
17	7-112-21	SPRING GUIDE / LS	1
18	7-112-22	OUTER SPRING / LS	1
19	7-112-23	INNER SPRING / LS	1
20	7-112-24	ADJUSTING PLUG / LS	1
21	7-112-25	O-RING (*)	1
22	7-112-26	BACK-UP RING (*)	2
23	7-112-27	CONTROL SPOOL	1
24	7-112-28	SPRING GUIDE / PC	1
25	7-112-29	OUTER SPRING / PC	1
26	7-112-30	INNER SPRING / PC	1
27	7-112-31	ADJUSTING PLUG / PC	1
28	7-112-32	O-RING (*)	1
29	7-112-33	SOLENOID VALVE	1
30	7-112-34	SCREW	4
31	7-112-35	SOLENOID VALVE ADAPTER	1
32	7-112-18	PLUG ASSEMBLY	1
33	7-112-19	O-RING (*)	1
34	7-112-36	SEAL RING (*)	2
35	7-112-36	SEAL RING (*)	4
36	7-112-37	SCREW	4
37	7-112-38	REAR BEARING KIT	1
38	7-112-39	SHAFT / 14 TOOTH SPLINE	1
39	7-112-40	END CAP / RADIAL / CW	1
40	7-112-41	SCREW	4
41	7-112-42	SLOTTED PIN	1
42	7-112-43	LIFTING BRACKET	1
43	7-112-44	SCREW	1
44	7-112-45	RETAINING RING	1
45	7-112-46	LIP SEAL (*)	1
46	7-112-47	HOUSING	1
47	7-112-48	PLUG ASSEMBLY	1
48	7-112-49	O-RING (*)	1

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ITEM	NUMBER	DESCRIPTION	REQD
49	7-112-50	END CAP SEAL (*)	1
50	7-112-48	PLUG ASSEMBLY	1
51	7-112-49	O-RING (*)	1
52	7-112-51	CYLINDER BLOCK KIT	1
53	7-112-52	CYLINDER BLOCK	1
54	7-112-53	SPRING SEAT	1
55	7-112-54	SPRING	1
56	7-112-55	SPRING SEAT	1
57	7-112-56	RETAINING RING	1
58	7-112-57	HOLD DOWN PIN	3
59	7-112-58	SLIPPER RETAINER GUIDE	1
60	7-112-59	SLIPPER RETAINER	1
61	7-112-60	PISTON ASSEMBLY	9
62	7-112-61	SERVO PISTON ASSEMBLY	1
63	7-112-62	PISTON RING (*)	3
64	7-112-63	OVERHAUL SEAL KIT - ITEMS MARKED (*)	REF

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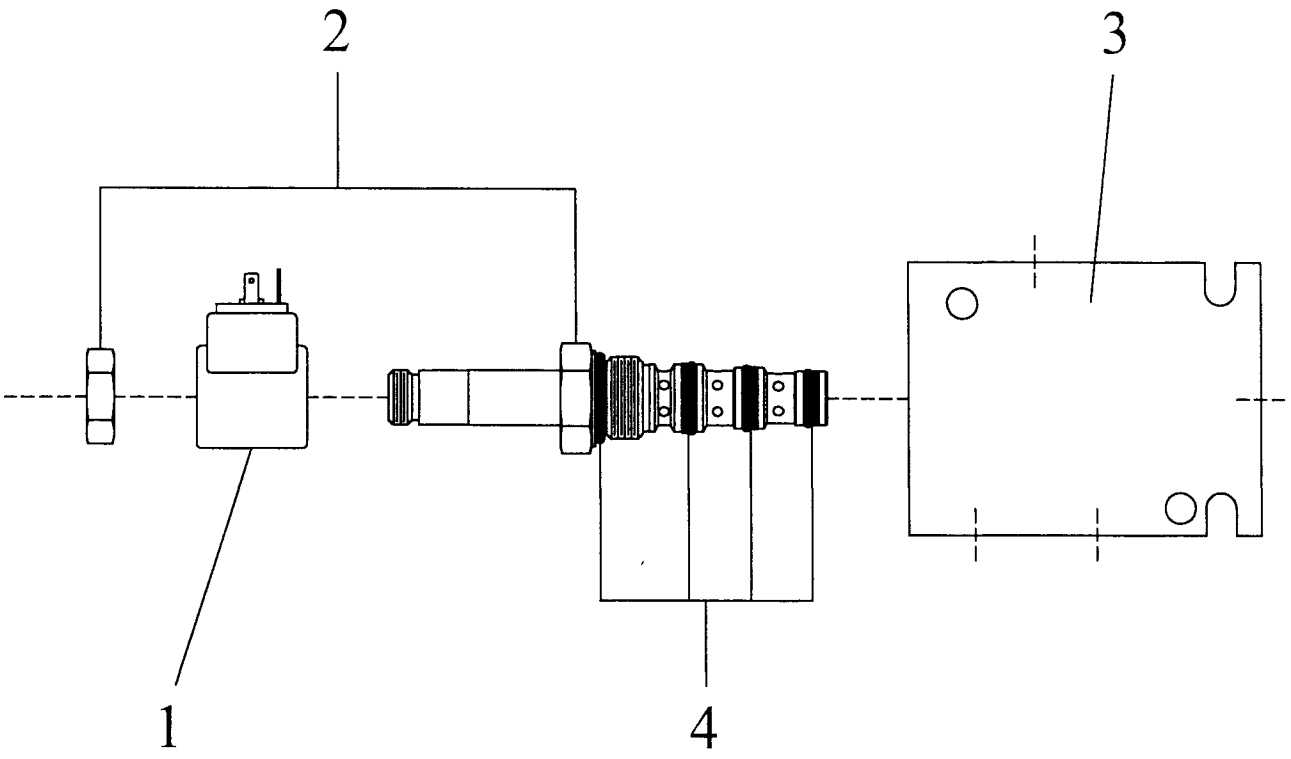

ITEM	NUMBER	DESCRIPTION	REQD
1	7-367-05	COIL / DIN	1
2	7-367-10	CARTRIDGE ASSEMBLY w/ NUT	1
3	7-367-11	BODY	1
4	7-367-19	SEAL KIT	1

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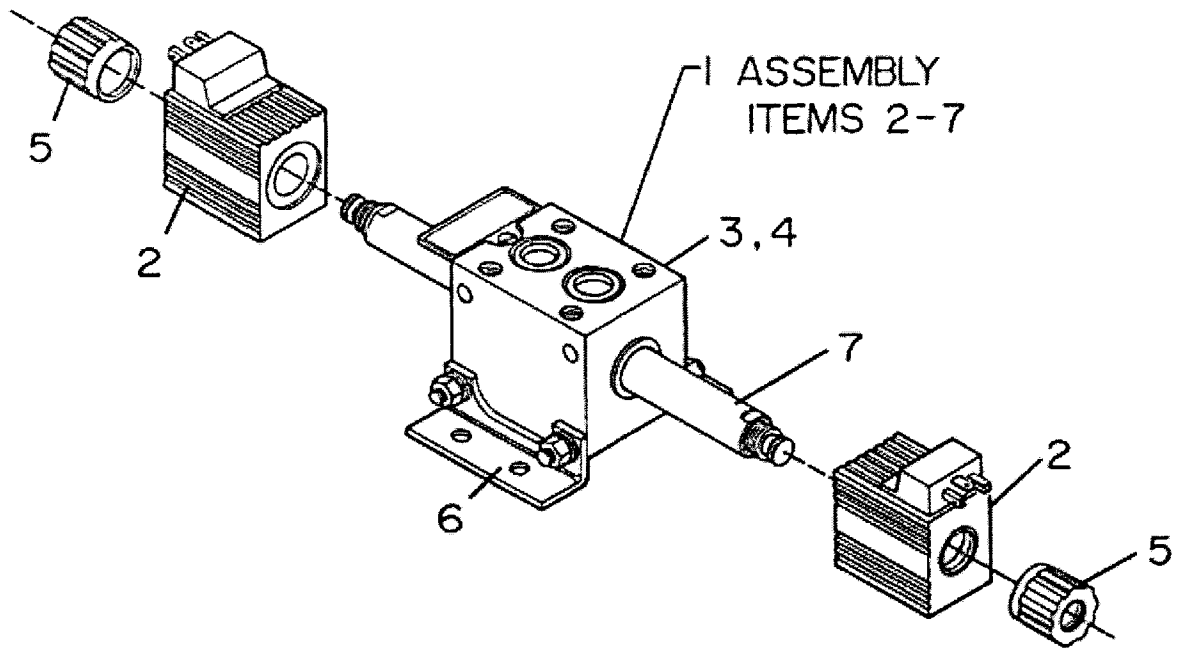

ITEM	NUMBER	DESCRIPTION	REQD
1	7-244-31	ELECTRIC VALVE ASSY / 4-WAY	1
2	7-244-40	COIL / DIN	2
3	7-244-17	SPOOL	1
4	7-244-18	VALVE BODY	1
5	7-244-19	END CAP	2
6	7-244-44	BRACKET ASSEMBLY	1
7	7-244-24	TUBES & PIN / SPOOL ACTUATING	1

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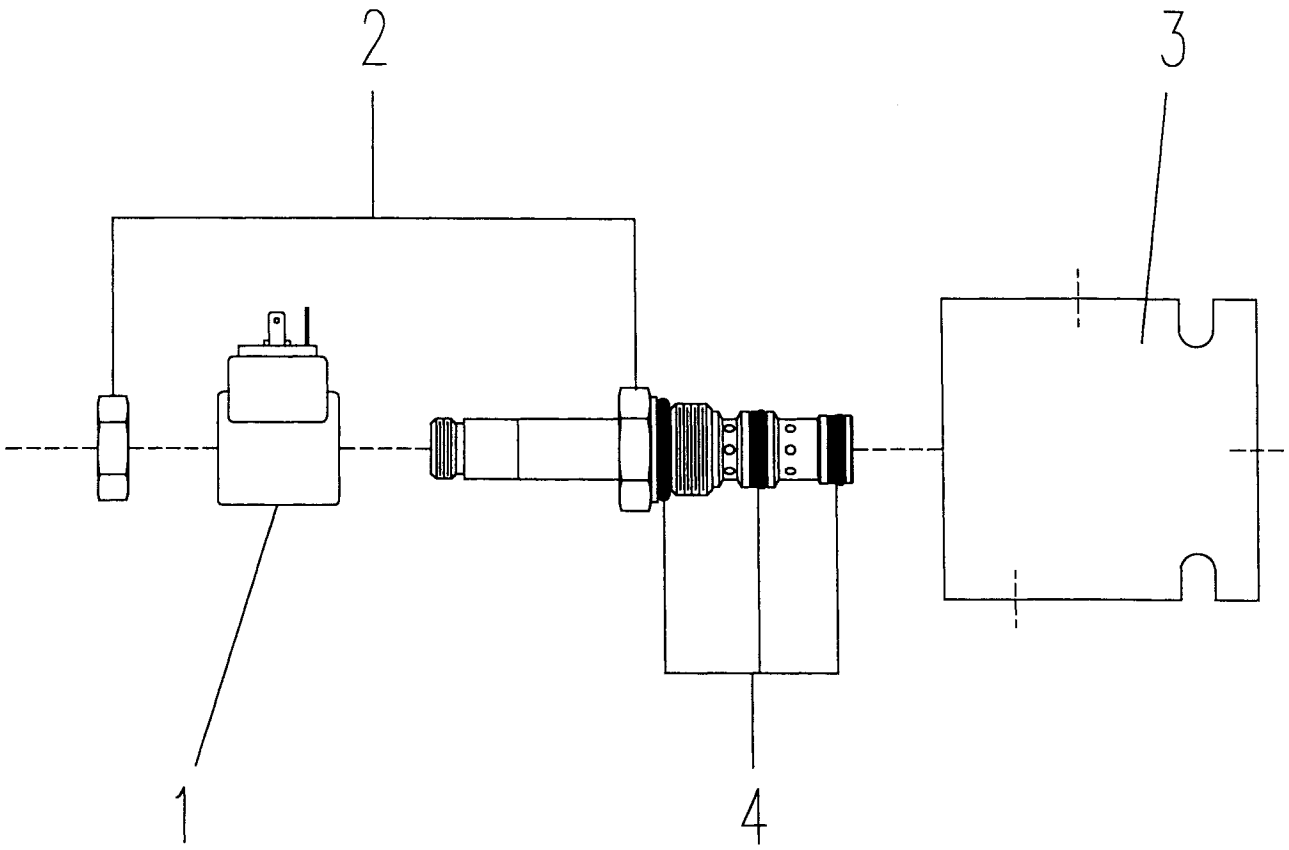

ITEM	NUMBER	DESCRIPTION	REQD
1	7-367-05	COIL / DIN	1
2	7-367-14	CARTRIDGE ASSEMBLY w/ NUT	1
3	7-367-04	BODY	1
4	7-367-18	SEAL KIT / CARTRIDGE	REF

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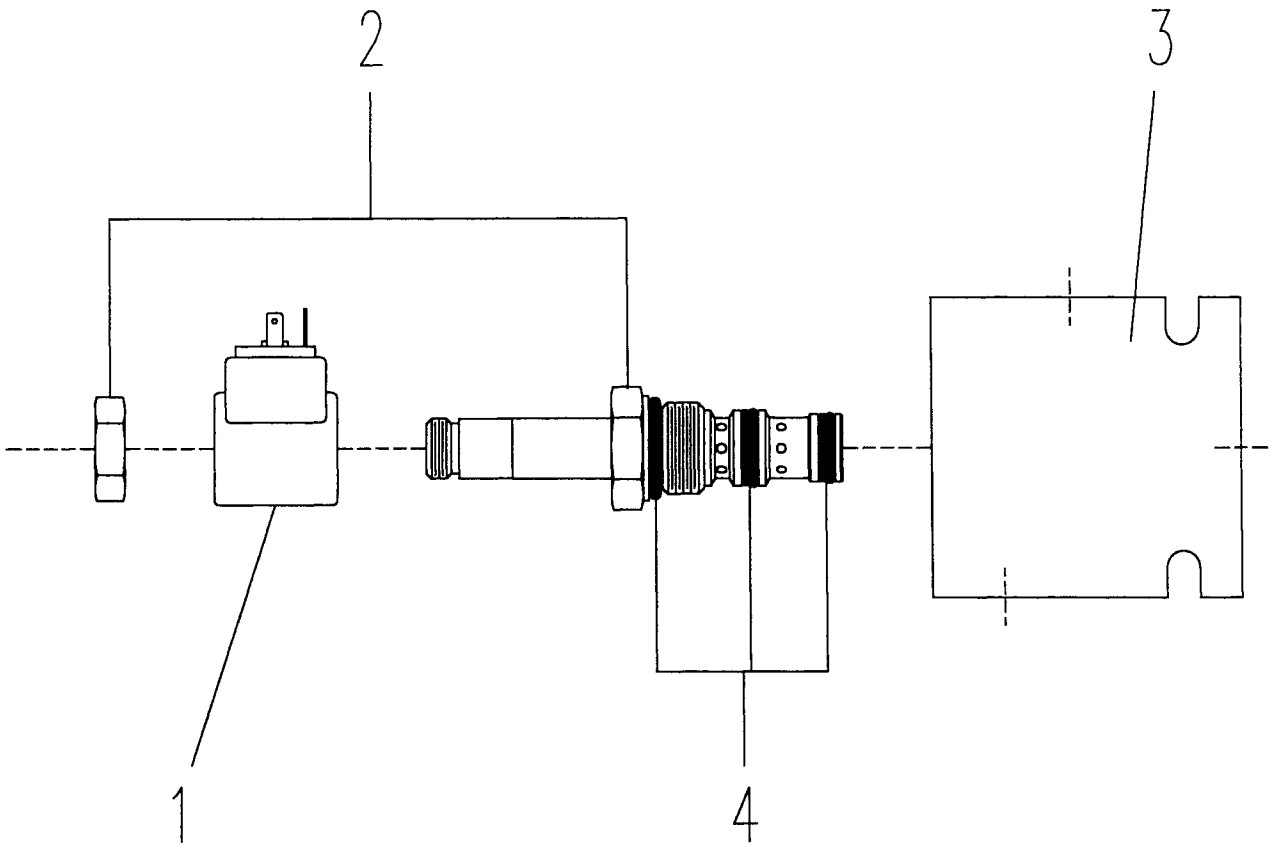

ITEM	NUMBER	DESCRIPTION	REQD
1	7-367-05	COIL / DIN	1
2	7-367-03	CARTRIDGE ASSEMBLY w/ NUT	1
3	7-367-04	BODY	1
4	7-367-18	SEAL KIT / CARTRIDGE	REF

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OPTIONAL EQUIPMENT SECTION

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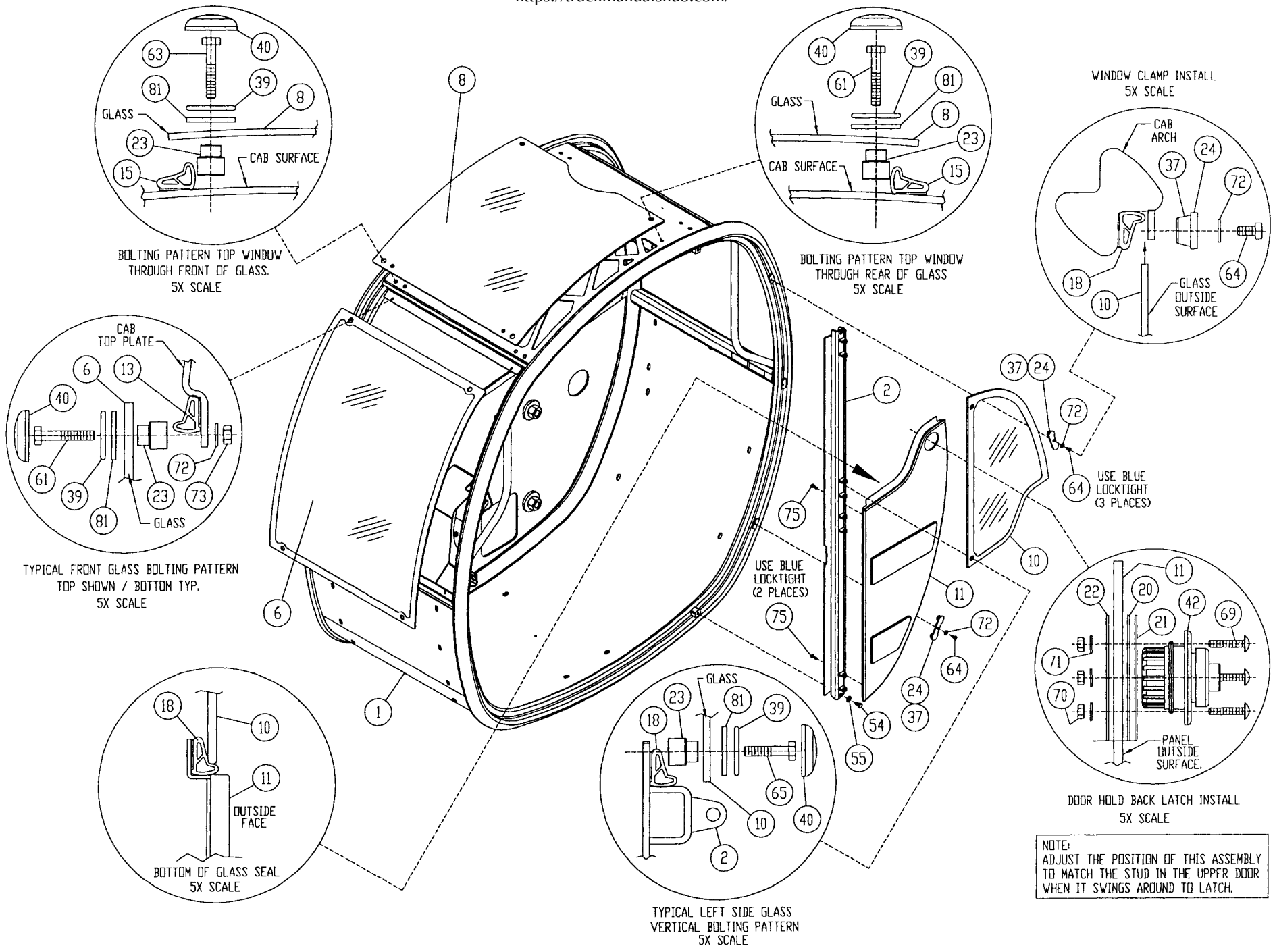

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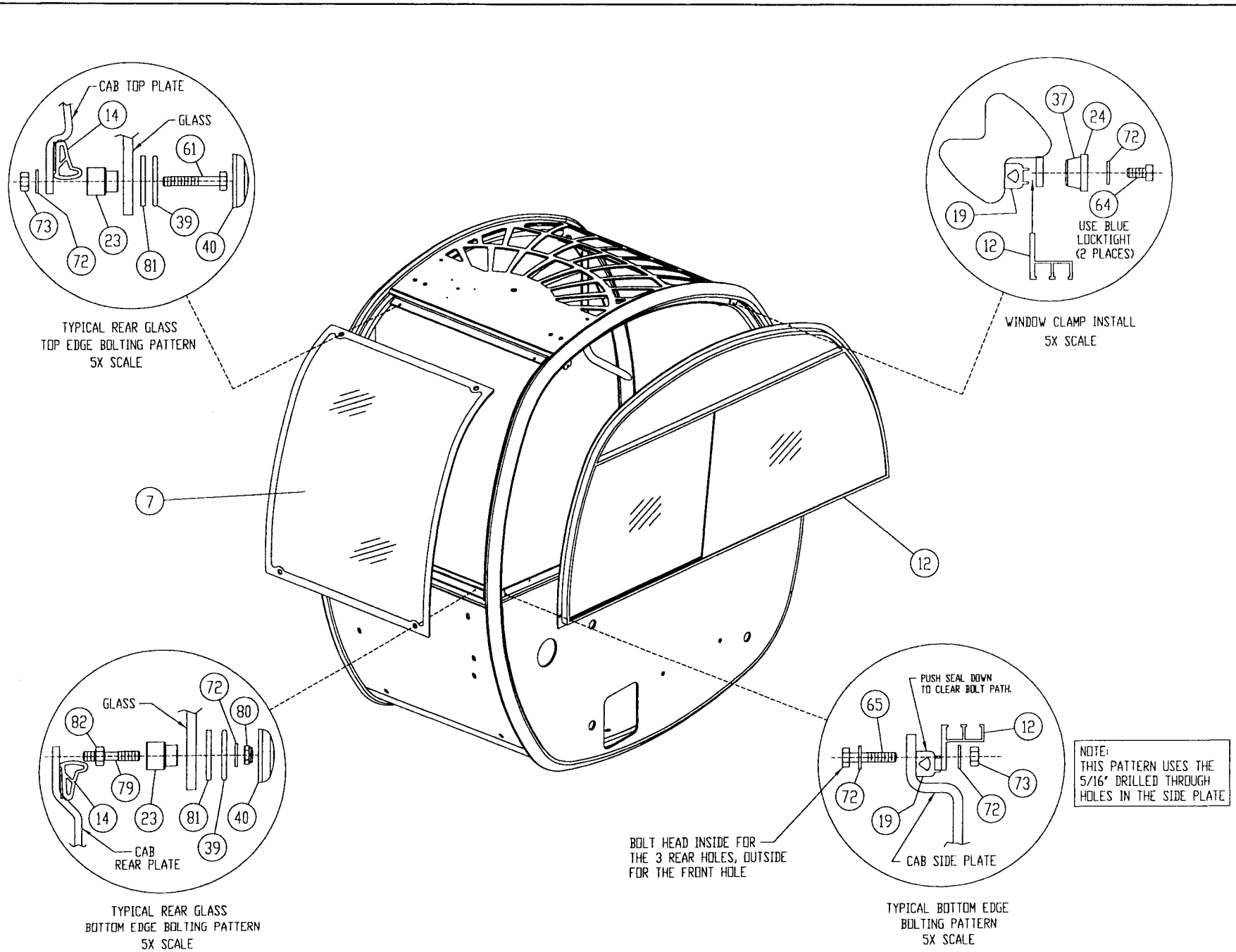

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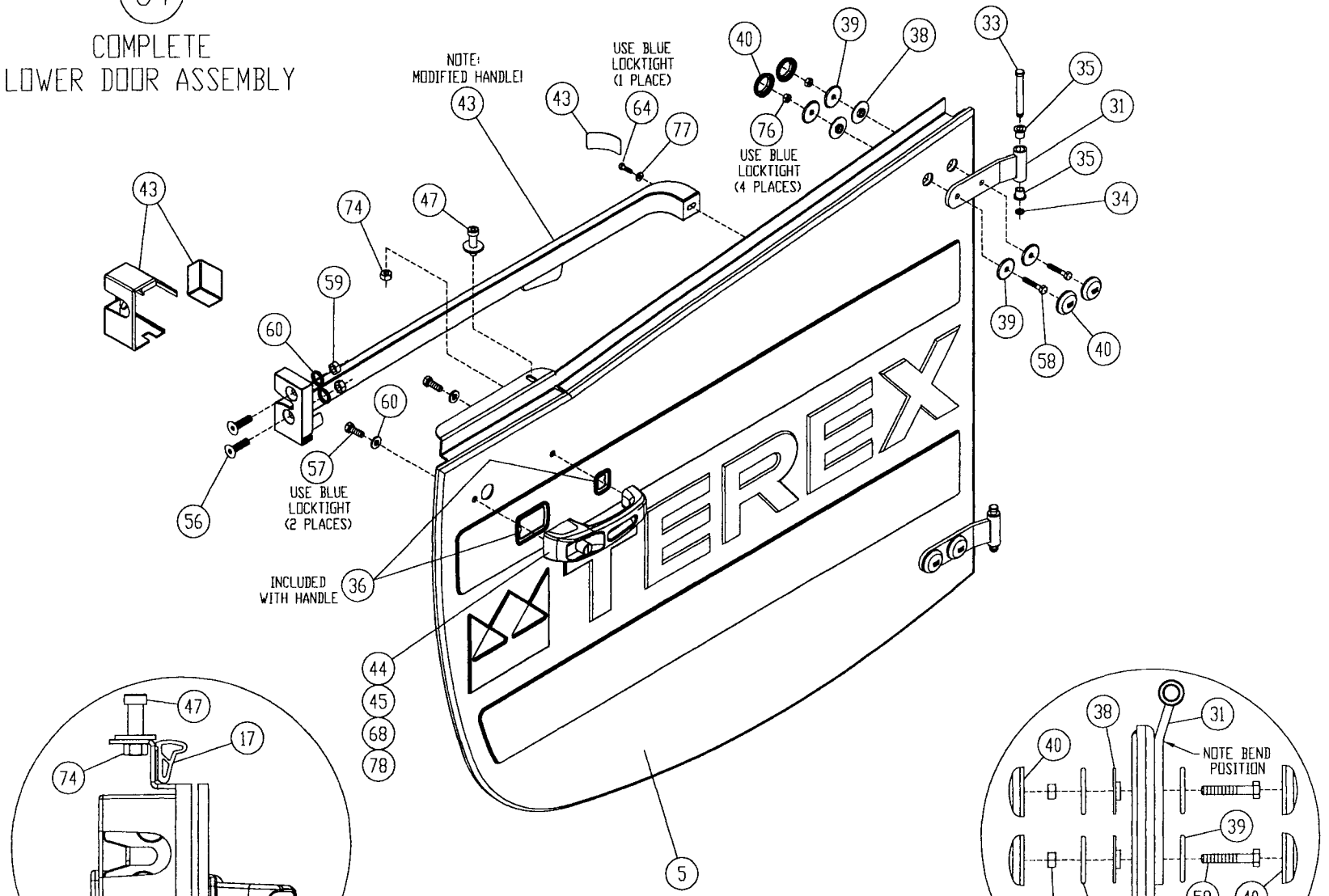
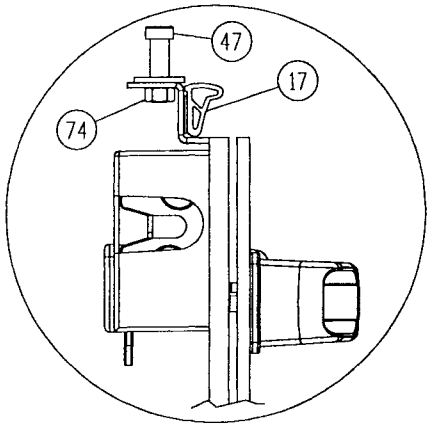
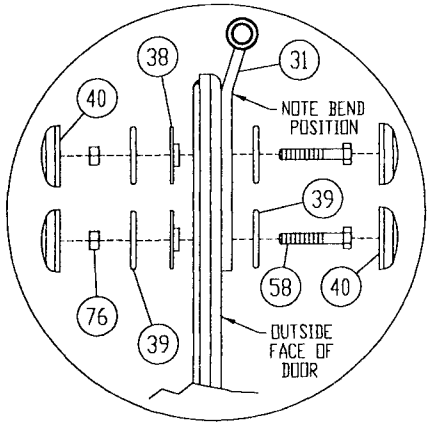
84
COMPLETE LOWER DOOR ASSEMBLY







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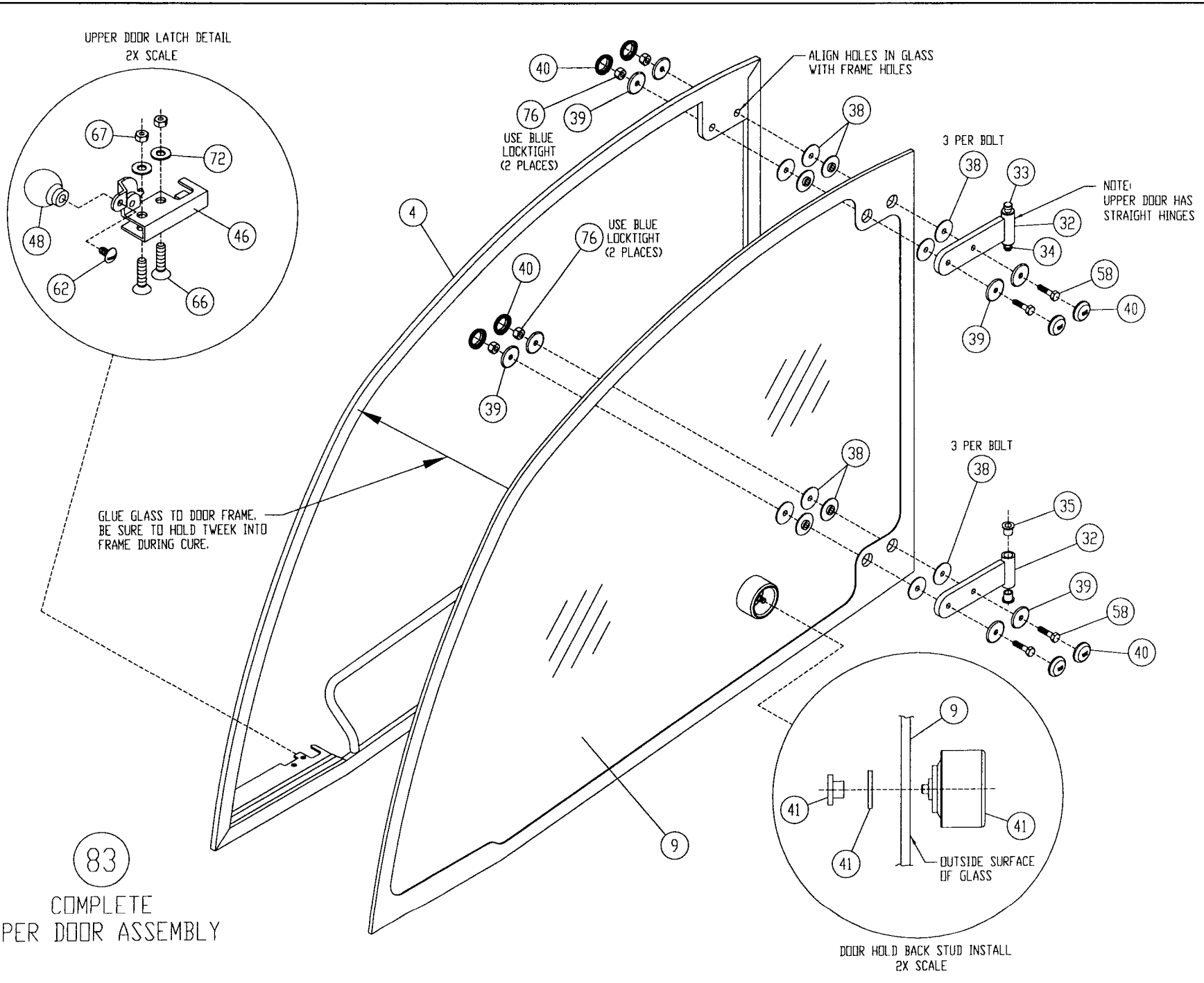

83

COMPLETE
UPPER DOOR ASSEMBLY

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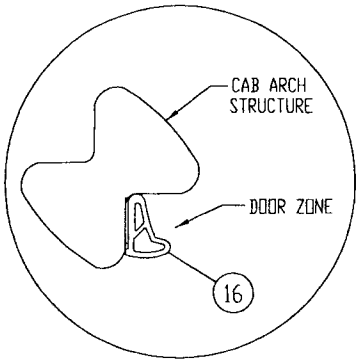
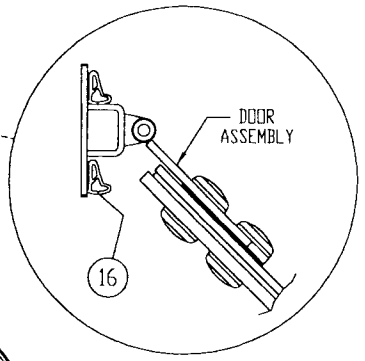
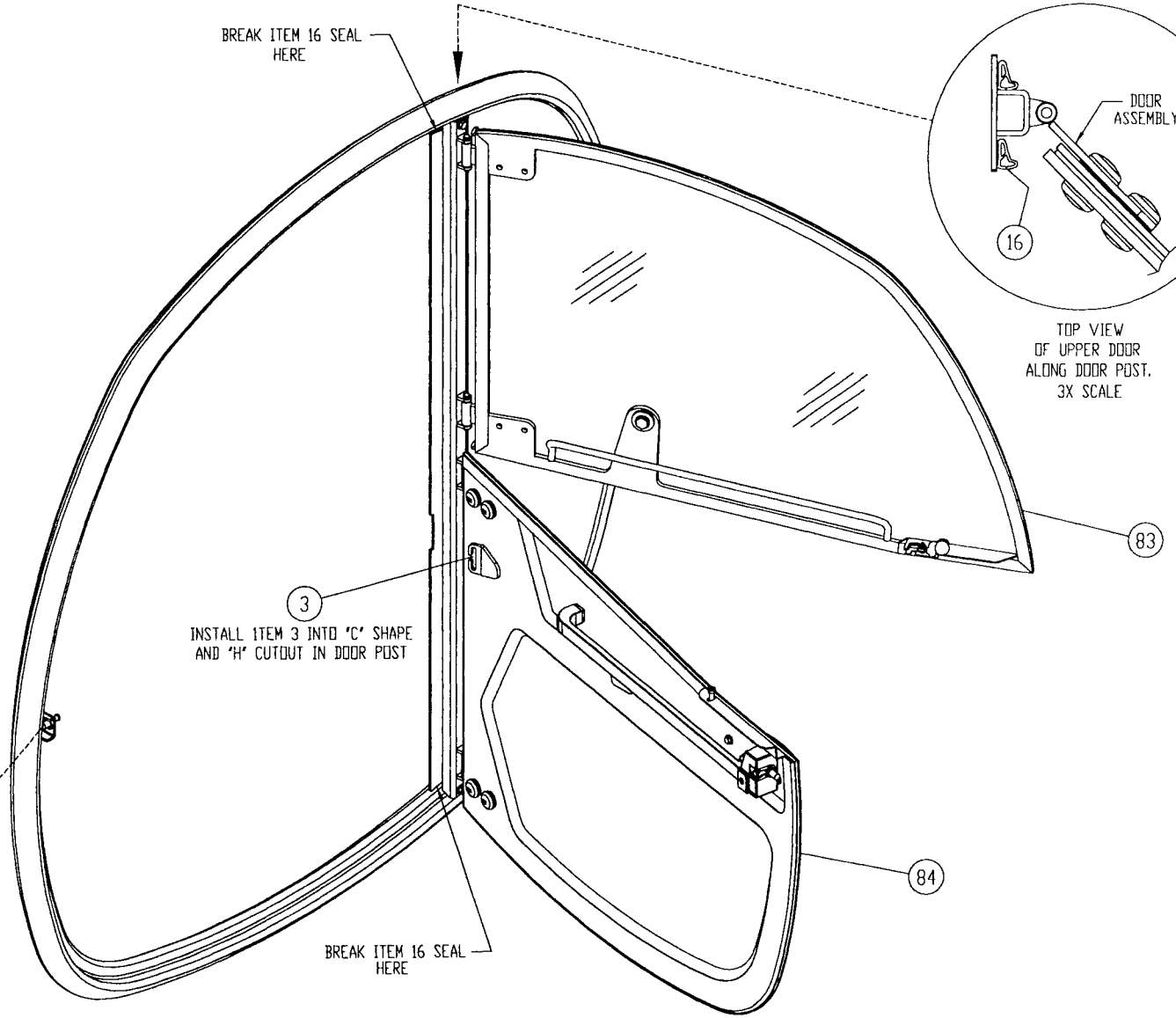
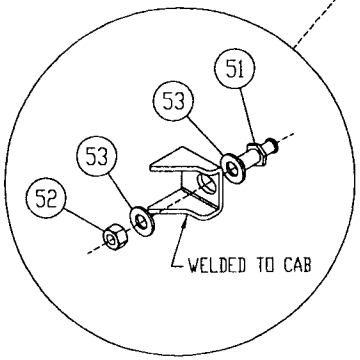


SEAL RUBBER AROUND DOOR ZONE DETAIL. 4X SCALE



TOP VIEW OF UPPER DOOR ALONG DOOR POST. 3X SCALE





STRIKER BOLT DETAIL 4X SCALE

NOTES:
1 - INSTALL BOTTOM DOOR FIRST.
2 - ADJUST STRIKER BOLT/LATCH SYSTEM FOR SMOOTH OPERATION.
3 - INSTALL UPPER DOOR.
4 - ADJUST UPPER DOOR LATCH FOR SMOOTH OPERATION.
5 - INSTALL DOOR STRAP.
6 - ADJUST UPPER DOOR HOLDBACK POSITION FOR SMOOTH OPERATION.
7 - VERIFY DOOR SEALS ALL AROUND.
8 - VERIFY DOOR LATCHES WORK SMOOTHLY.

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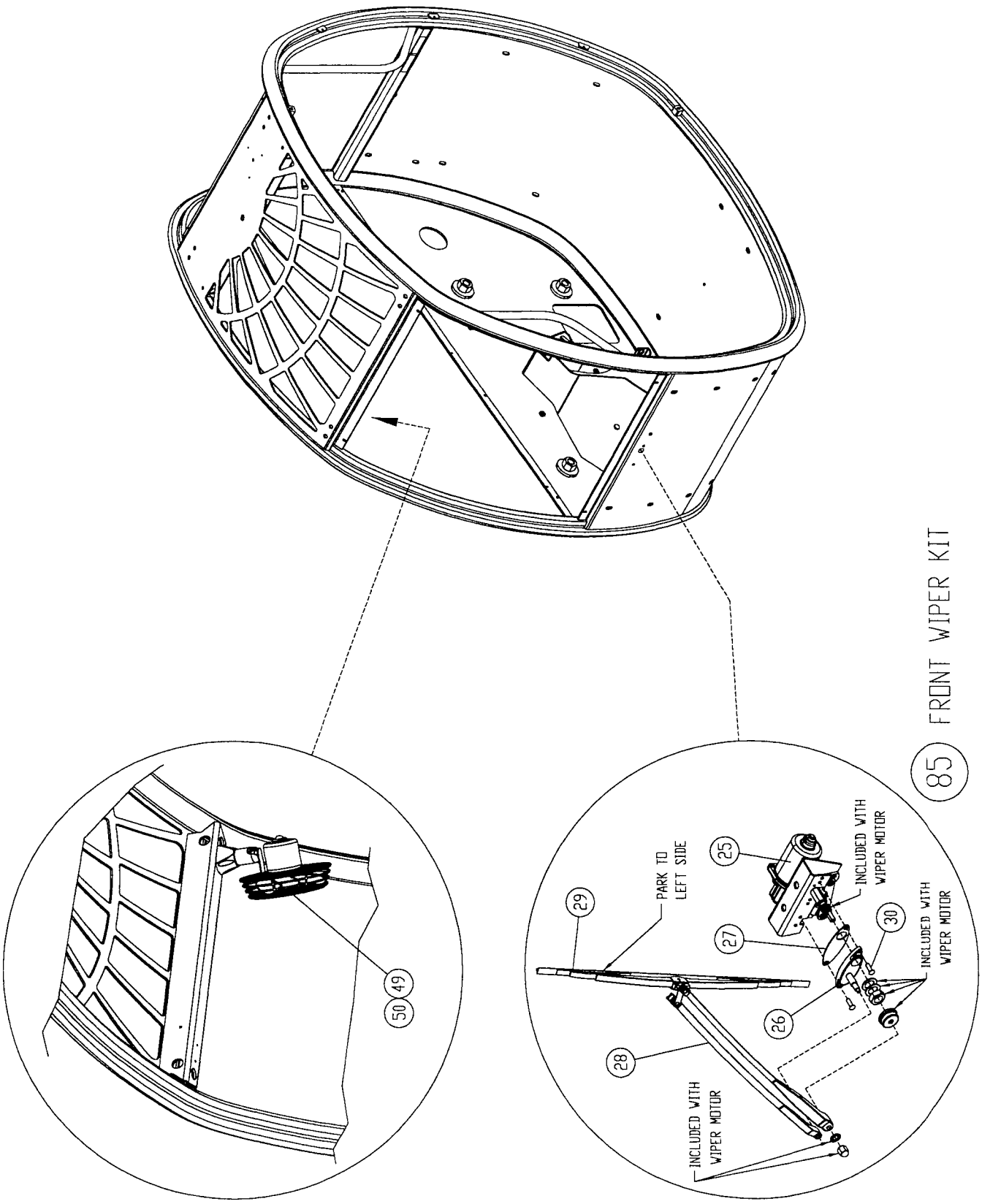

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ITEM	NUMBER	DESCRIPTION	REQD
1	7-132-168	WELDMENT / OPEN CAB MODULE	1
2	7-132-232	POST / DOOR	1
3	7-132-42	STRAP / DOOR / 7 INCH / GREY	1
4	7-132-186	FRAME / UPPER DOOR	1
5	7-132-233	DOOR / LOWER / STEEL	1
6	7-132-174	GLASS / FRONT	1
7	7-132-143	GLASS / REAR	1
8	7-132-173	GLASS / TOP	1
9	7-132-175	GLASS / UPPER DOOR	1
10	7-132-234	GLASS / LEFT REAR UPPER	1
11	7-132-235	PANEL / LEFT REAR LOWER	1
12	7-132-178	SLIDING WINDOW ASSEMBLY / RH SIDE	1
13	7-132-193	SEAL / RUBBER / FRONT GLASS	136"
14	7-132-193	SEAL / RUBBER / REAR GLASS	136"
15	7-132-193	SEAL / RUBBER / TOP GLASS	124"
16	7-132-193	SEAL / RUBBER / DOOR ZONE	196"
17	7-132-193	SEAL / RUBBER / SPLIT DOOR	40"
18	7-132-193	SEAL / RUBBER / LH REAR UPPER GLASS	166"
19	7-132-146	SEAL / RUBBER / RH SLIDER ASSEMBLY	176"
20	7-132-195	GASKET / DOOR HOLDBACK	1
21	7-132-188	RING / DOOR HOLDBACK MOUNT / OUTER	1
22	7-132-236	RING / DOOR HOLDBACK MOUNT / INNER	1
23	7-132-247	SPACER / GLASS	14
24	7-132-145	RETAINER / WINDOW	5
25	7-132-124	WIPER MOTOR	1
26	7-132-210	BASE / PANTO WIPER	1
27	7-132-211	GASKET / PANTO WIPER BASE	1
28	7-132-212	WIPER ARM / 24 INCH PANTO	1
29	7-132-213	WIPER BLADE / 28 INCH FLEX	1
30	7-194-86	BOLT 1/4 NF x 3/4 BUTTON HEAD / S.S.	2
31	7-132-237	HINGE / LOWER DOOR	2
32	7-132-238	HINGE / UPPER DOOR	2
33	7-132-190	PIN / DOOR HINGE	4
34	7-132-191	E-CLIP / DOOR HINGE PIN	4
35	7-132-192	PLASTIC BUSHING / DOOR HINGE	8
36	7-132-138	GASKETS / OUTSIDE DOOR HANDLE (2 PCS.)	REF
37	7-132-164	RUBBER BUMPER / STICK-ON	10
38	7-132-85	SEAL WASHER / PLASTIC	16
39	7-132-84	WASHER / HARD PLASTIC	30
40	7-132-74	STC COVER CAP	30
41	7-132-196	STUD / DOOR HOLDBACK	1
42	7-132-197	LATCH / DOOR HOLDBACK	1
43	7-132-198	HANDLE / DOOR INSIDE LATCH (MODIFIED)	1
44	7-132-136	HANDLE / DOOR OUTSIDE	1
45	7-132-199	KEY / DOOR	2
46	7-132-200	LATCH / SPLIT DOOR	1
47	7-132-201	STRIKER BOLT / SPLIT DOOR LATCH	1
48	7-132-202	KNOB / SPLIT DOOR LATCH	1

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ITEM	NUMBER	DESCRIPTION	REQD
49	7-347-02	DEFROSTER FAN w/ SWITCH	1
50	6-5603-06	CAPSCREW SH #10-24 x 3/4 LG.	4
51	7-132-41	BOLT / STRIKER	1
52	6-9101-12	HEX NUT 12mm	1
53	6-6212-08	FLATWASHER 1/2	2
54	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	2
55	6-6212-06	FLATWASHER 3/8	2
56	7-173-14	BOLT 8mm x 35mm C-SUNK ALLEN HD.	2
57	6-8508-30	CAPSCREW 8mm x 1.25 x 30mm LG.	2
58	6-5205-12	CAPSCREW 5/16 NC x 1 1/2 LG.	8
59	6-9105-08	SELF-LOCKING NUT 8mm	2
60	7-173-28	FLATWASHER 8mm ID x 16mm OD	4
61	6-5204-12	CAPSCREW 1/4 NC x 1 1/2 LG.	8
62	7-194-87	MACHINE SCREW #10-32 x 3/8 LG.	1
63	6-5205-12	CAPSCREW 5/16 NC x 1 1/2 LG.	2
64	6-5204-04	CAPSCREW 1/4 NC x 1/2 LG.	6
65	6-5204-10	CAPSCREW 1/4 NC x 1 1/4 LG.	8
66	7-173-17	BOLT 6mm x 30mm C-SUNK ALLEN HD.	2
67	6-9105-06	SELF-LOCKING NUT 6mm	2
68	6-8506-40	CAPSCREW 6mm x 1.00 x 40mm LG.	1
69	7-173-26	BOLT #10-24 x 3/4 LG. BUTTON HD.	3
70	6-6286-05	SELF-LOCKING NUT #10-24	3
71	6-6286-12	FLATWASHER #10	3
72	6-6212-04	FLATWASHER 1/4	23
73	6-6205-04	SELF-LOCKING NUT 1/4 NC	10
74	7-194-89	NUT / JAM / NYLOCK / 5/16-18 / PLATED	1
75	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	2
76	6-6201-05	HEX NUT 5/16 NC	8
77	7-173-27	FLATWASHER 6mm ID x 12mm OD	1
78	6-9101-06	HEX NUT 6mm x 1.0	1
79	7-132-244	STUD / 1/4-20 / PLATED	2
80	7-132-245	NUT / JAM / NYLOCK / 1/4-20 / PLATED	2
81	7-132-246	SEAL WASHER / GLASS SPACER	14
82	6-6201-04	HEX NUT 1/4 NC	2
83	7-132-239	DOOR ASSEMBLY COMPLETE / UPPER	REF
84	7-132-240	DOOR ASSEMBLY COMPLETE / LOWER	REF
85	7-132-207	KIT / FRONT WIPER (ITEMS 25 THRU 30)	REF

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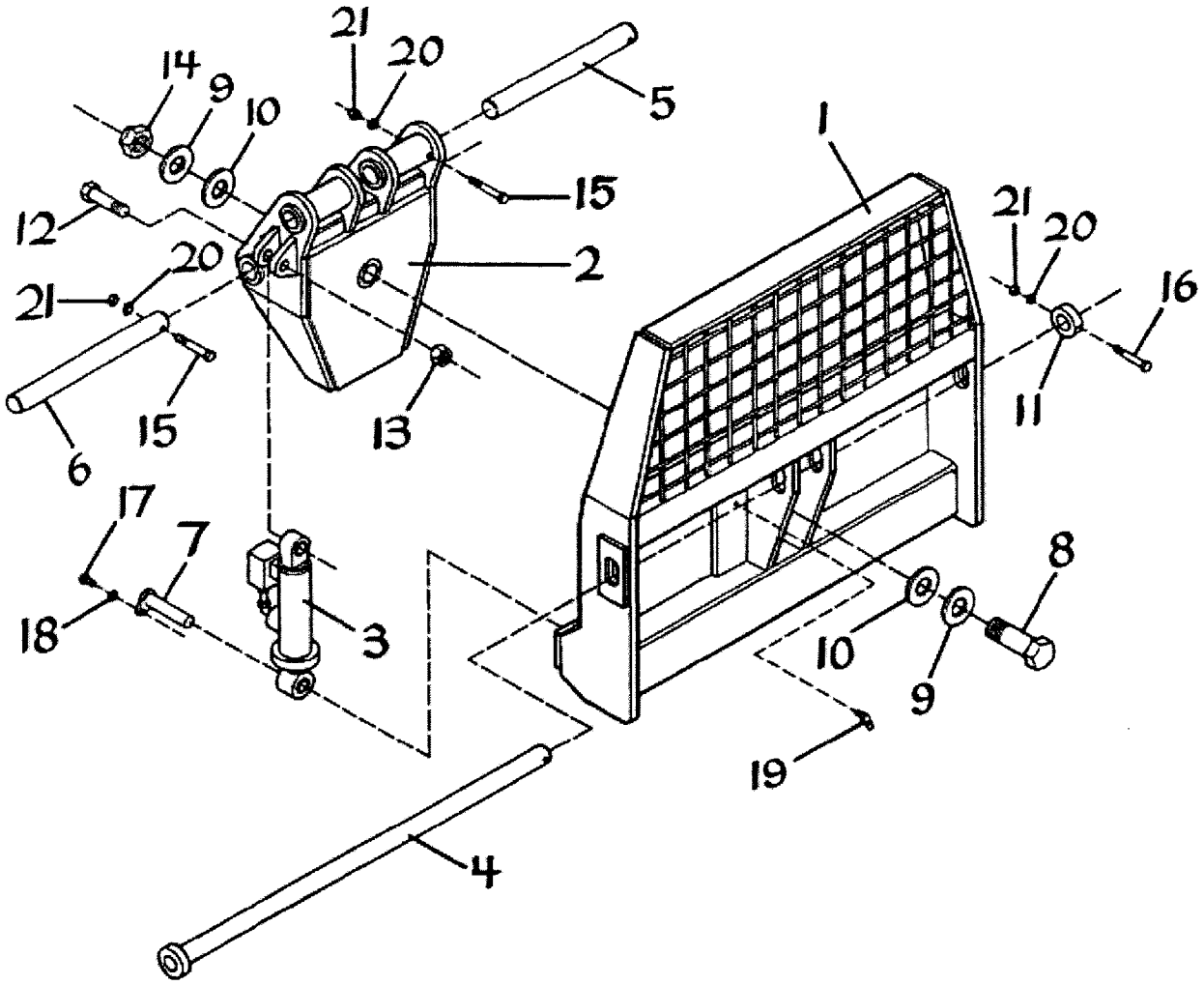

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ITEM	NUMBER	DESCRIPTION	REQD
1	SEE TABLE	ROTATING FORK FRAME	REF
2	4-1528	PIVOT FRAME / TH644C-842C-844C	1
3	7-379-01	CYLINDER / ROTATE	1
4	SEE TABLE	PIN / FORK TINE	REF
5	6-3016-01	PIN / HEAD END TILT CYLINDER	1
6	5-2041-20	PIN / PIVOT SMALL BOOM	REF
7	2-1066	PIN / HEAD END ROTATE CYLINDER	1
8	1-1072	BOLT / FORK FRAME ROTATE	1
9	1-1073	WASHER / STEEL	2
10	6-6600-06	WASHER / BRONZE	2
11	1-1074	COLLAR / FORK PIN	REF
12	1-1071	BOLT / BASE END ROTATE CYLINDER	1
13	6-6206-20	NUT / BASE END ROTATE CYLINDER	1
14	7-280-02	NUT / FORK FRAME ROTATE	1
15	6-5208-30	CAPSCREW 1/2 NC x 3 3/4 LG.	REF
16	6-5208-36	CAPSCREW 1/2 NC x 4 1/2 LG.	REF
17	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	1
18	6-6211-06	LOCKWASHER 3/8	1
19	6-6301	LUBE FITTING 1/8 NPT STR.	3
20	6-6211-08	LOCKWASHER 1/2	REF
21	6-6201-08	HEX NUT 1/2 NC	REF
22	4-1118-16	ROTATE STOP (NOT SHOWN)	1

TABLE

FORK FRAME WIDTH	ROTATING FORK FRAME PART NUMBER	FORK TINE PIN PART NUMBER
48" WIDE	4-1118	2-1067-10
60" WIDE	4-1292	2-1067-12
72" WIDE	4-1170	2-1067-11

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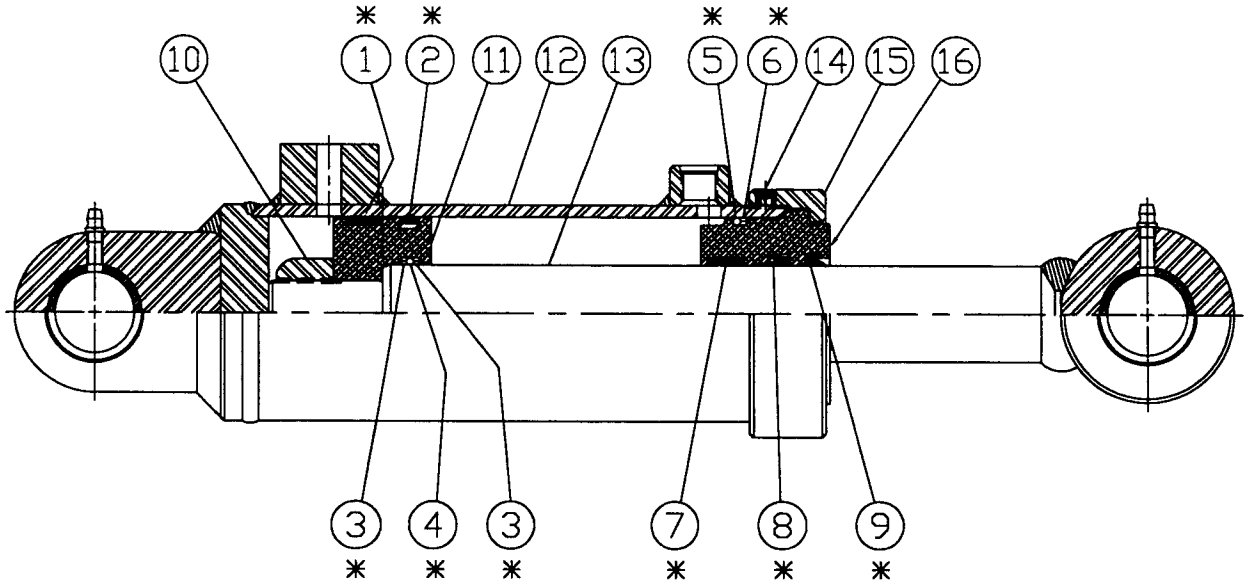

ITEM	NUMBER	DESCRIPTION		REQD
1	7-379-36	WEAR RING	(*)	1
2	7-379-37	PSP SEAL	(*)	1
3	7-379-22	BACK-UP RING	(*)	2
4	7-379-23	O-RING	(*)	1
5	7-379-38	O-RING	(*)	1
6	7-379-39	BACK-UP RING	(*)	1
7	7-379-26	WEAR RING	(*)	1
8	7-379-45	LOADED U-CUP	(*)	1
9	7-379-28	ROD WIPER	(*)	1
10	7-379-29	LOCKNUT		1
11	7-379-40	PISTON		1
12	7-379-41	BARREL ASSEMBLY		1
13	7-379-42	ROD ASSEMBLY		1
14	7-379-33	CUP PT SET SCREW		1
15	7-379-43	THREAD CAP		1
16	7-379-44	THREAD CAP HEAD		1
17				
18	7-900-86	SEAL KIT / ITEMS MARKED	(*)	REF

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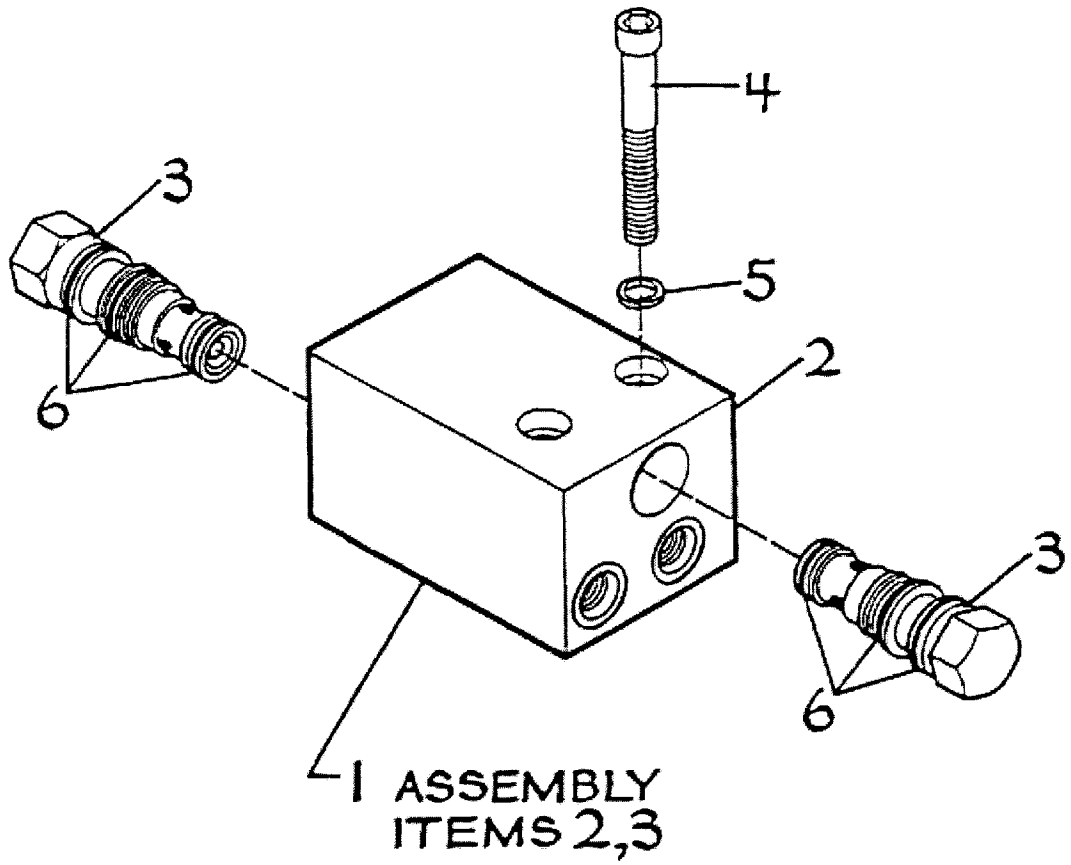

ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-35	DUAL PILOT CHECK VALVE ASSEMBLY	1
2	7-234-46	BODY	1
3	7-234-18	CARTRIDGE / PILOT CHECK	2
4	6-5605-20	CAPSCREW SH 5/16 NC x 2 1/2 LG.	2
5	6-6214-05	LOCKWASHER 5/16 HI-COLLAR	2
6	7-234-29	SEAL KIT	2

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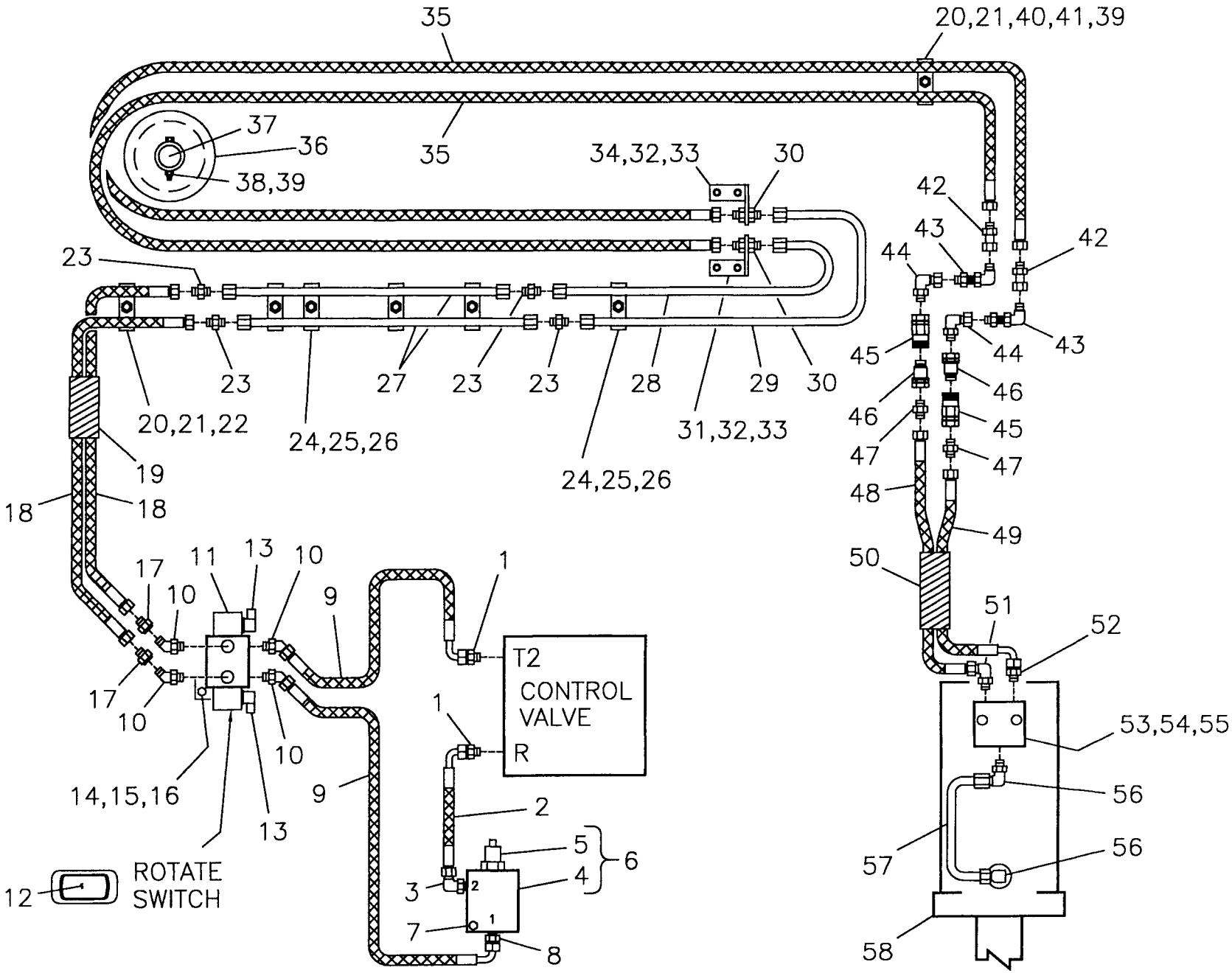

https://truckmanualshub.com/

ITEM	NUMBER	DESCRIPTION	REQD
1	6-6450-08	FITTING / 06 OR x 06 JIC STR.	2
2	6-7023-40	HOSE / 06 x 06-90 x 20 LG.	1
3	6-6453-07	FITTING / 08 OR x 06 JIC 90	1
4	7-234-84	BODY / NEEDLE VALVE	REF
5	7-234-17	CARTRIDGE / NEEDLE VALVE	REF
6	7-234-103	NEEDLE VALVE ASSY (ITEMS 4 & 5)	1
7	6-5205-30	CAPSCREW 5/16 NC x 3 3/4 LG.	1
8	6-6450-09	FITTING / 08 OR x 06 JIC STR.	1
9	6-7023-62	HOSE / 06 x 06-90 x 31 LG.	2
10	6-6452-03	FITTING / 06 OR x 06 JIC 45	4
11	7-244-31	VALVE / 4-WAY ELECTRIC	1
12	7-164-04	SWITCH / ROTATE	1
13	7-244-27	DIN CONNECTOR	2
14	6-5204-12	CAPSCREW 1/4 NC x 1 1/2 LG.	2
15	6-6211-04	LOCKWASHER 1/4	2
16	6-6201-04	HEX NUT 1/4 NC	2
17	108520	FITTING / 08 x 06 JIC EXPANDER	2
18	6-7014-184	HOSE / 08 x 10 x 92 LG.	2
19	7-299-08	HOSE ARMOR 1.00 ID (PER INCH)	18
20	7-273-32	CLAMP HALF SET / TWIN HOSE	2
21	7-273-26	COVER PLATE / TWIN HOSE CLAMP	2
22	14723	SCREW / HHC / 5/16-18 x 1.75 LG.	1
23	5-2139	FITTING / 10 JIC M. x 10 JIC M. STR.	4
24	7-273-39	CLAMP HALF SET / 5/8 HARDLINE	5
25	7-273-23	COVER PLATE / TWIN TUBE CLAMP	5
26	13000	SCREW / HHC / 5/16-18 x 1.25 LG.	5
27	108558	TUBE ASSEMBLY / STRAIGHT	2
28	108559	TUBE ASSEMBLY / AUXILIARY / INNER	1
29	108560	TUBE ASSEMBLY / AUXILIARY / OUTER	1
30	6-6475-07	FITTING / 10 JIC BH-UNION STR.	2
31	5-2096	FORMING / HARDLINE BRACKET	1
32	5-2099-10	BOLT / FLANGE / 3/8-16 x 1.25 LG.	4
33	29868	SPRING CLIP / 3/8-16	4
34	5-2136	FORMING / HARDLINE BRACKET	1
35	6-7014-792	HOSE / 08 x 10 x 396 LG.	2
36	5-2038	SHEAVE / OPTION / HOSE	1
37	5-2041-2	PIN / 2.00 DIA. x 7.50 LG. / 1 HOLE	1
38	21604	SCREW / HHC / 3/8-16 x 3.25 LG.	1
39	4828	NUT / NYLOCK / 3/8-16	2
40	14033	SCREW / HHC / 3/8-16 x 2.75 LG.	1
41	6097	WASHER / FLAT / USS / 3/8	1
42	5-2142	FITTING / 08 JIC x 08 ORFS SW. STR.	2
43	75042	FITTING / BH-UNION 90	2
44	5-2141	FITTING / 08 OR x 08 ORFS SW. 90	2
45	5-2144	QUICK COUPLER / FEMALE / 08 OR	2
46	5-2143	QUICK COUPLER / MALE / 08 OR	2
47	6-6450-09	FITTING / 08 OR x 06 JIC STR.	2
48	6-7003-74	HOSE / 06 x 06 x 37 LG.	1

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ITEM	NUMBER	DESCRIPTION	REQD
49	6-7023-74	HOSE / 06 x 06-90 x 38 LG.	1
50	7-299-08	HOSE ARMOR 1.00 ID (PER INCH)	24
51	6-6453-06	FITTING / 06 OR x 06 JIC 90	1
52	6-6450-08	FITTING / 06 OR x 06 JIC STR.	1
53	7-234-35	VALVE / DUAL CHECK	1
54	6-5605-20	CAPSCREW SH 5/16 NC x 2 1/2 LG.	2
55	6-6214-05	LOCKWASHER 5/16 HI-COLLAR	2
56	6-6493-02	FITTING / 06 OR x 06 TUBE 90	2
57	1-1065	FORMED TUBE / 3/8 x 6 1/8 LG.	1
58	7-379-01	CYLINDER ASSEMBLY / ROTATE	1

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NOTES

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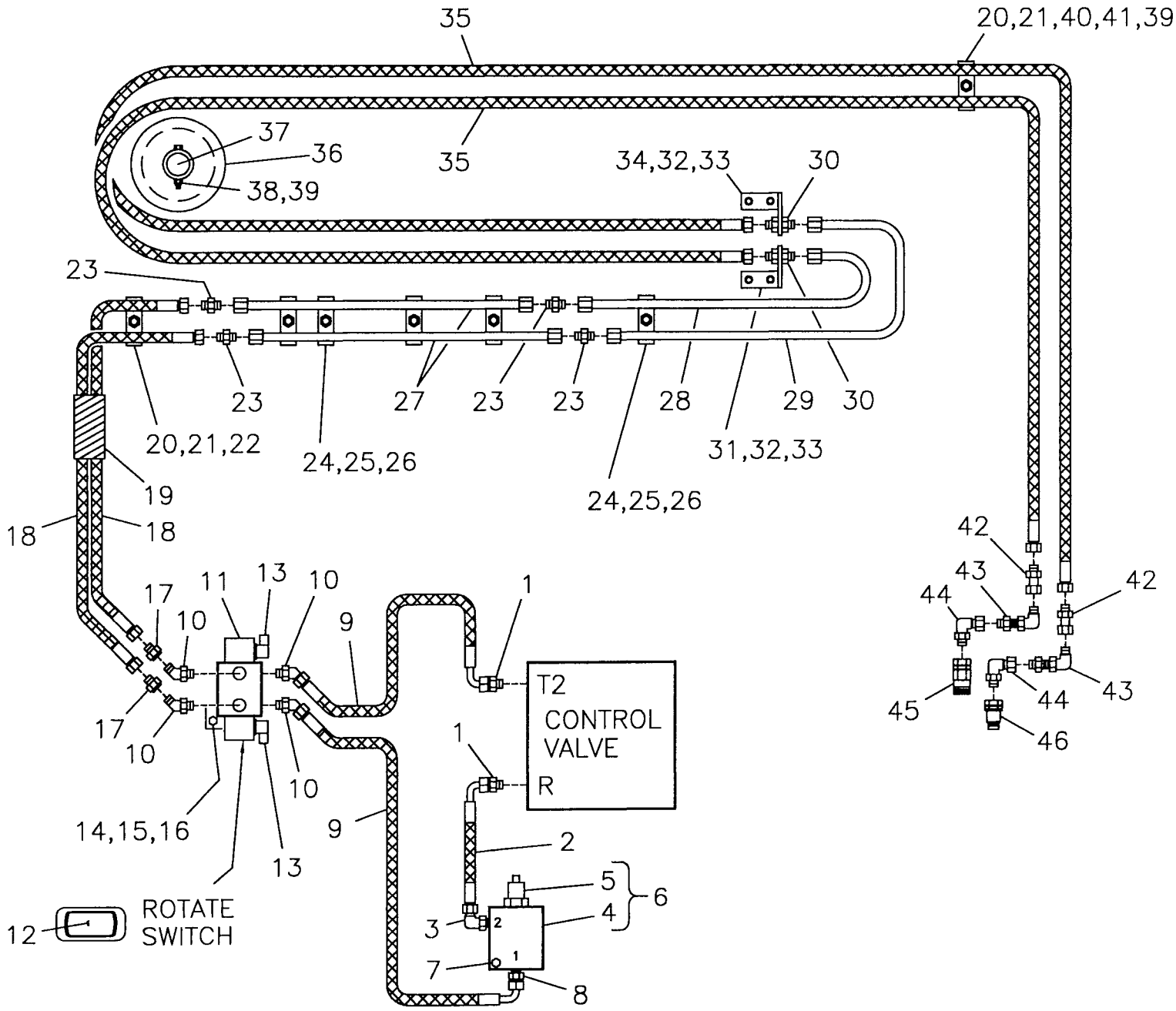

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ITEM	NUMBER	DESCRIPTION	REQD
1	6-6450-08	FITTING / 06 OR x 06 JIC STR.	2
2	6-7023-40	HOSE / 06 x 06-90 x 20 LG.	1
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5	7-234-17	CARTRIDGE / NEEDLE VALVE	REF
6	7-234-103	NEEDLE VALVE ASSY (ITEMS 4 & 5)	1
7	6-5205-30	CAPSCREW 5/16 NC x 3 3/4 LG.	1
8	6-6450-09	FITTING / 08 OR x 06 JIC STR.	1
9	6-7023-62	HOSE / 06 x 06-90 x 31 LG.	2
10	6-6452-03	FITTING / 06 OR x 06 JIC 45	4
11	7-244-31	VALVE / 4-WAY ELECTRIC	1
12	7-164-04	SWITCH / ROTATE	1
13	7-244-27	DIN CONNECTOR	2
14	6-5204-12	CAPSCREW 1/4 NC x 1 1/2 LG.	2
15	6-6211-04	LOCKWASHER 1/4	2
16	6-6201-04	HEX NUT 1/4 NC	2
17	108520	FITTING / 08 x 06 JIC EXPANDER	2
18	6-7014-184	HOSE / 08 x 10 x 92 LG.	2
19	7-299-08	HOSE ARMOR 1.00 ID (PER INCH)	18
20	7-273-32	CLAMP HALF SET / TWIN HOSE	2
21	7-273-26	COVER PLATE / TWIN HOSE CLAMP	2
22	14723	SCREW / HHC / 5/16-18 x 1.75 LG.	1
23	5-2139	FITTING / 10 JIC M. x 10 JIC M. STR.	4
24	7-273-39	CLAMP HALF SET / 5/8 HARDLINE	5
25	7-273-23	COVER PLATE / TWIN TUBE CLAMP	5
26	13000	SCREW / HHC / 5/16-18 x 1.25 LG.	5
27	108558	TUBE ASSEMBLY / STRAIGHT	2
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34	5-2136	FORMING / HARDLINE BRACKET	1
35	6-7014-792	HOSE / 08 x 10 x 396 LG.	2
36	5-2038	SHEAVE / OPTION / HOSE	1
37	5-2041-2	PIN / 2.00 DIA. x 7.50 LG. / 1 HOLE	1
38	21604	SCREW / HHC / 3/8-16 x 3.25 LG.	1
39	4828	NUT / NYLOCK / 3/8-16	2
40	14033	SCREW / HHC / 3/8-16 x 2.75 LG.	1
41	6097	WASHER / FLAT / USS / 3/8	1
42	5-2142	FITTING / 08 JIC x 08 ORFS SW. STR.	2
43	75042	FITTING / BH-UNION 90	2
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45	5-2144	QUICK COUPLER / FEMALE / 08 OR	1
46	5-2143	QUICK COUPLER / MALE / 08 OR	1

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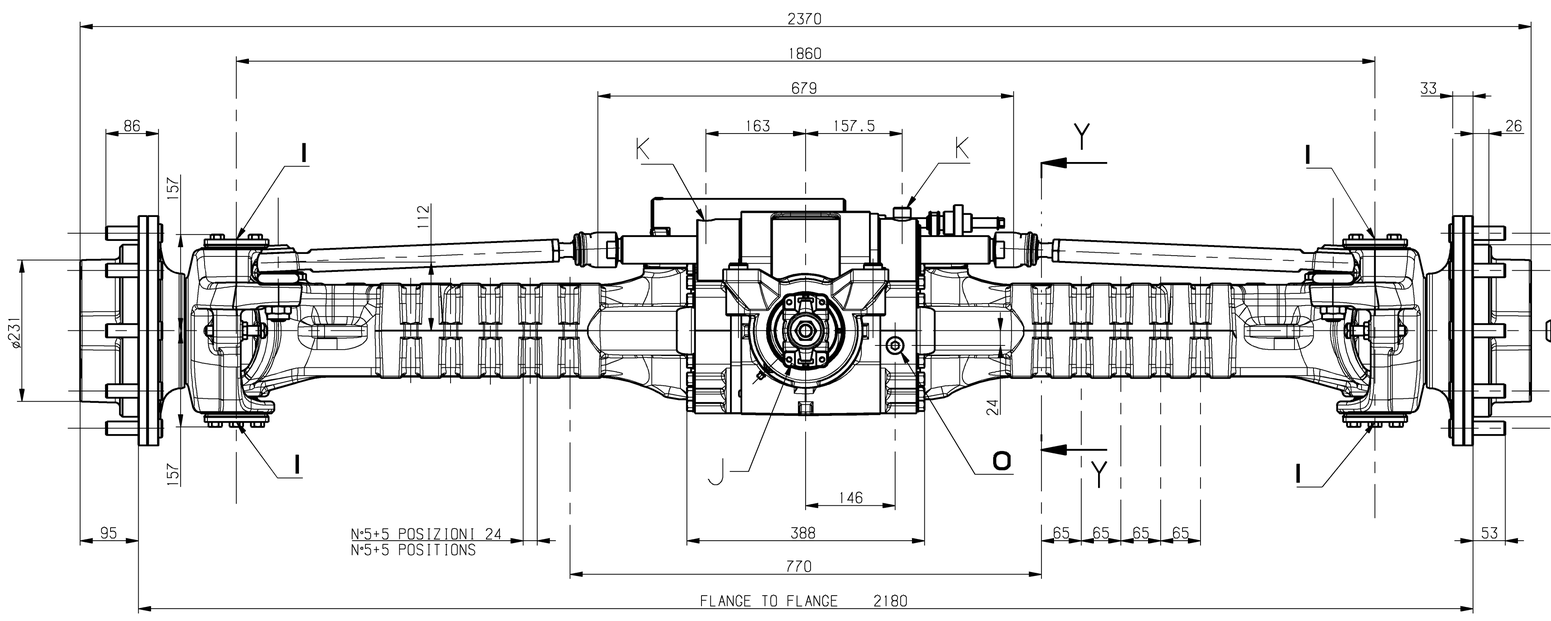
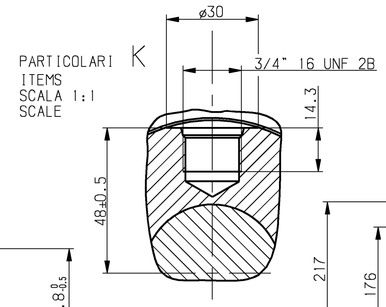
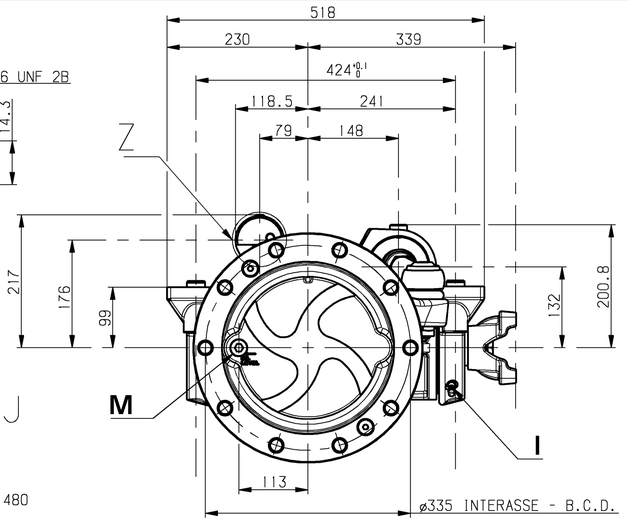
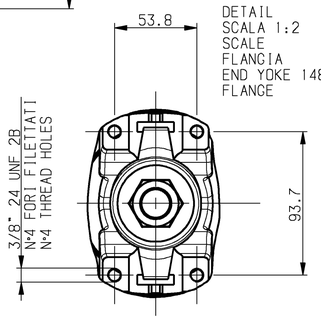


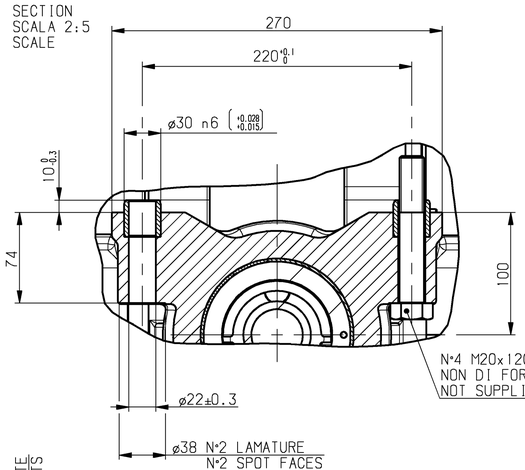


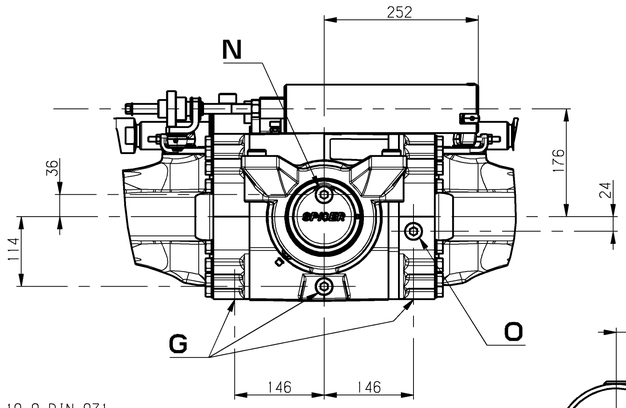


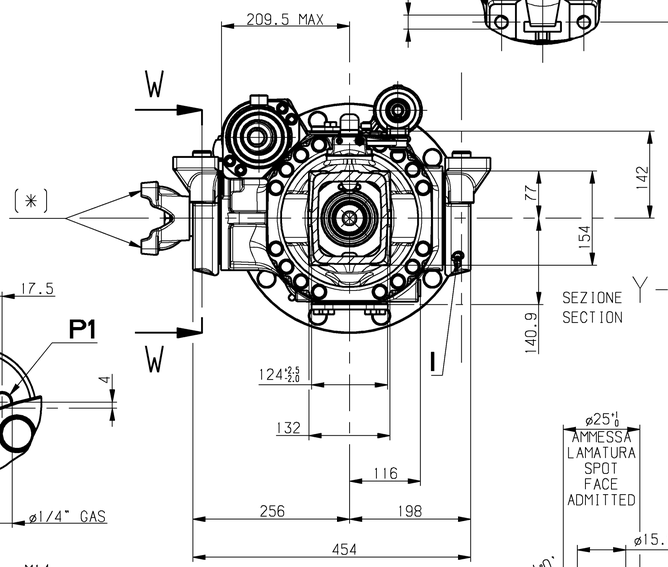


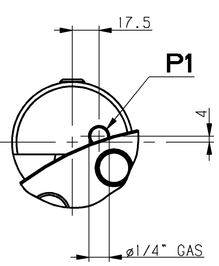
CARATTERISTICHE.TECHNISCHE DATEN.CARACTERISTIQUES.TECHNICAL FEATURES	
B	Vite spurgo freni Entluftungschraube der Bremssystemes Vis de purge des freins Bleeding screw for brakes
G	Tappo scarico olio Olablasschraube Boucon de vidange Oil drain plug
H	Tappo sfiato Entlufter Reniflard Breather
I	Ingrassatore Schmiernippel Stauffer Grease nipple
M	Tappo olio Olstopfen Bouchon huile Oil plug
N	Tappo carico olio Oleinfullschraube Boucon de remplissage Oil charge plug
O	Tappo livello olio Olablasschraube Boucon niveau d' huil Oil level plug
P1	Raccordo comando freno negativo pressione 20÷30 bar Anschluss fur Betatigung der Federspeicherbremse Betriebsdruck 20÷30 bar Raccord commande de frein negatif pression 20÷30 bar Connector for failsafe brake vorking pressure 20÷30 bar
P2	Raccordo comando freno idraulico a disco in bagno d'olio - max 80 bar Anschluss fur hydr.Betatigung der nasslaufenden Scheinbenbremsen Raccord commande de frein hydraulique a disque a bain d'huile Connector for idraulic operated disc brakes oil immersed - max 80 bar
P3	Raccordo comando idraulico blocco differenziale pressione 15÷30 bar Anschluss fur hydr. Betatigung der Differentialsperre Betatigungsdruck 15÷30 bar Raccord de commande hydr. blocage differentiel pression de commande 15÷30 bar Connector for hydraulic operated differential lock vorking pressure 15÷30 bar
	RAPPORTO RIDUZIONI EPICICLOIDALI — N°4 SATELLITI PLANETERNUNTERSETZUNG — N°4 PLANETARY GEAR RAPPORT REDUCTION EPYCICLOIDALE — 1:6 PLANETARY REDUCTION RATIO
	RAPPORTO COPPIA CONICA KEGEL-UND TELLERRADUUEBERSETZUNG RAPPORT COUPLE CONIQUE — 8:31 BEVEL GEAR RATIO
	DISCHI FRENO WELLMAN BREMSSCHEIBEN DISQUE FREIN — N°6 WELLMAN BRAKE DISC

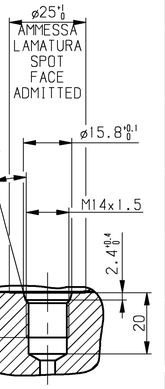
SEZIONE W – W
SECTION
SCALA 2:5
SCALE

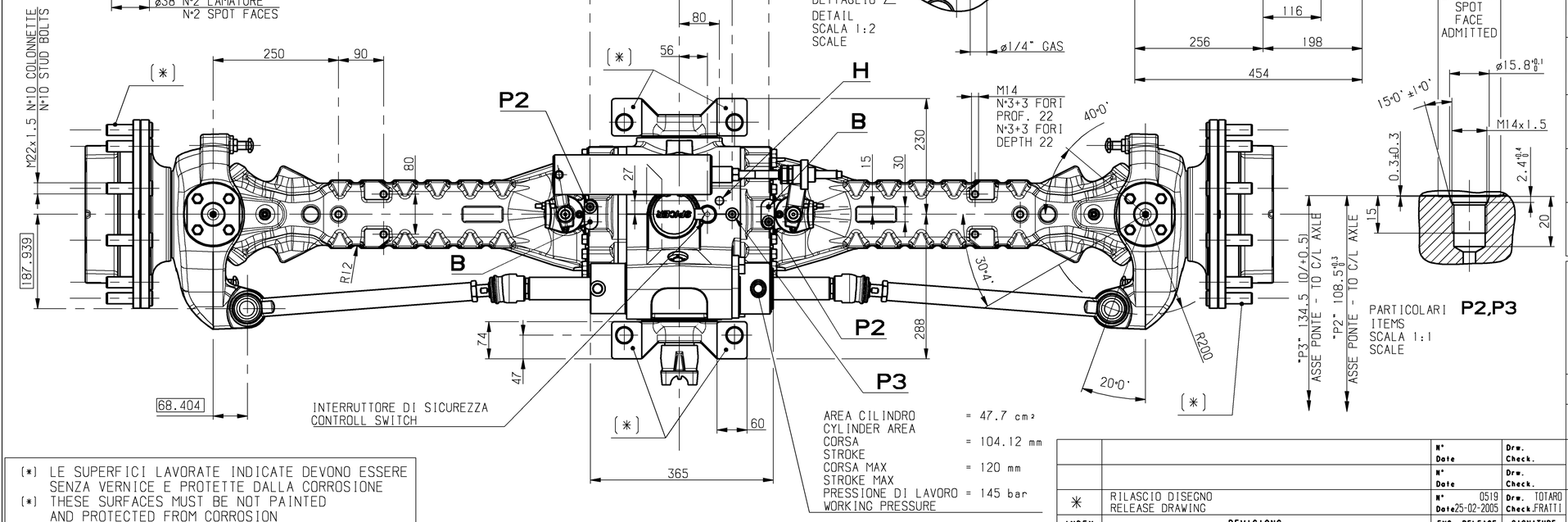












AREA CILINDRO = 47.7 cm²
CYLINDER AREA
CORSA = 104.12 mm
STROKE
CORSA MAX = 120 mm
STROKE MAX
PRESSIONE DI LAVORO = 145 bar
WORKING PRESSURE

(*) LE SUPERFICI LAVORATE INDICATE DEVONO ESSERE SENZA VERNICE E PROTETTE DALLA CORROSIONE
(*) THESE SURFACES MUST BE NOT PAINTED AND PROTECTED FROM CORROSION

INDEX	REVISIONS	ENG. RELEASE	SIGNATURE
		N° Date	Drw. Check.
		N° Date	Drw. Check.
*	RILASCIO DISEGNO RELEASE DRAWING	N° 0519 Date 25-02-2005	Drw. TOTARO Check FRATTI

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REPLACE PART NUMBER

Date 25-02-2005
Drawn TOTARO
Cheked FRATTI
A1 Pro/Engineer
SCALE 1:5

DANA ITALIA S.p.a. SPICER OFF HIGHWAY AXLE DIVISION

PART NUMBER 212.97.000.610
SHEET 1/1

PONTE DIFFERENZIALE STERZANTE CON RIDUZIONI EPICICLOIDALI

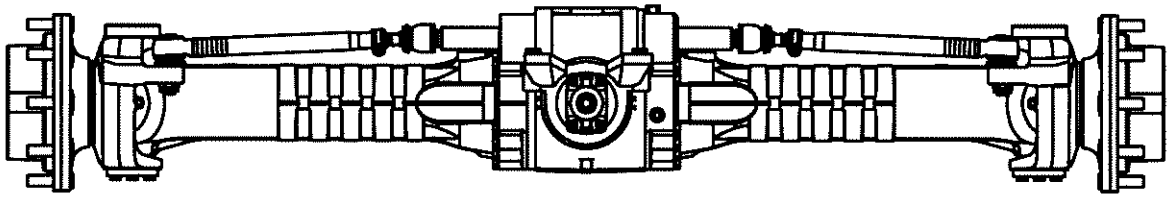
PLANETENLENKTRIEBASCHE

POINT MOTO DIRECTEUR AVEC REDUCTEUR EPICYCLOIDAL

PLANETARY STEERING AXLE

https://truckmanualshub.com/

REAR AXLE
PARTS BOOK
TH636C TH644C TH842C TH844C



DATE: 12-7-05

SPICER CLARK-HURTH 212/541 AXLE

7-229-619 STEERING CYLINDER

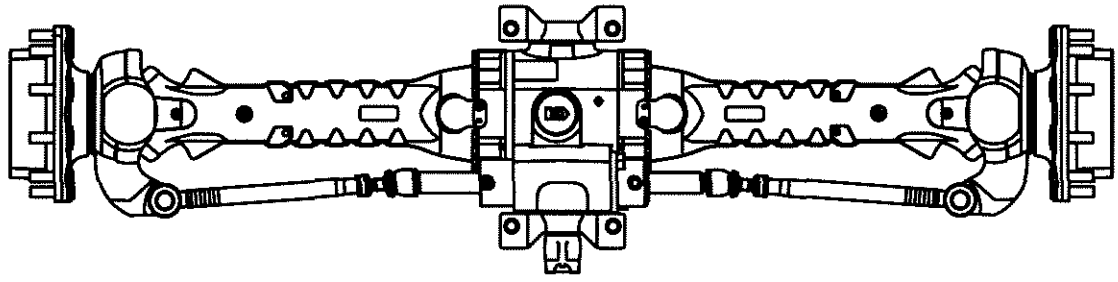
TEREX HANDLERS
455 N. Superior Ave., Baraga, MI 49908
PH: (906) 353-3500; FAX: (906) 353-7543
INTERNET: http://www.terex.com

https://truckmanualshub.com/

AXLE PARTS ORDERING GUIDE

WHEN ORDERING FROM THIS BOOK USE THE
FIGURE BELOW AS A REFERENCE IN DETERMINING
LEFT OR RIGHT HAND SIDE

R.H. L.H.



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INDEX

PAGE	DESCRIPTION	DRAWING
1	GEAR BOX & COVERS	P1-2153
2	DIFFERENTIAL ASSEMBLY	P1-2154
3	STEERING AXLE ASSEMBLY	P1-2155
4	TRUNNION MOUNT ASSEMBLY	P1-1258
5	DISC BRAKE ASSEMBLY	P1-2156
6	STEERING ARMS ASSEMBLY	P1-1268
7	STEERING CYLINDER ASSEMBLY	P1-1269

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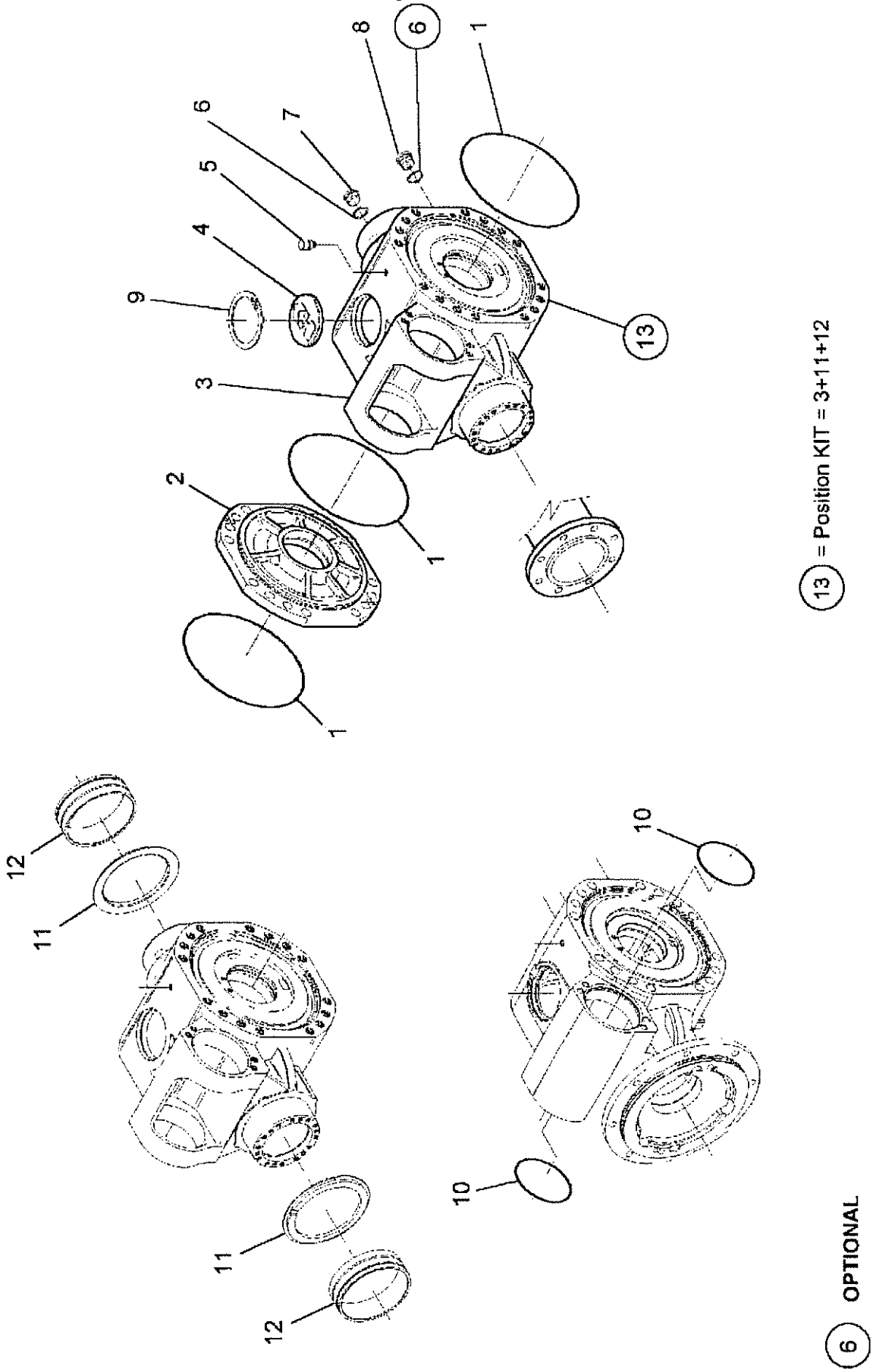

1	PAGE NUMBER	GEAR BOX & COVERS 212 / 541 REAR AXLE	DRAWING NUMBER	P1-2153

https://truckmanualshub.com/

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-520	O-RING	3
2	7-229-521	INTERMEDIATE COVER	1
3	7-229-925	HOUSING	1
4	7-229-926	COVER	1
5	7-229-524	VENT	1
6	7-229-525	SEAL WASHER	2
7	7-229-526	PLUG w/ SEAL WASHER	1
8	7-229-527	MAGNETIC PLUG w/ SEAL WASHER	1
9	7-229-601	CIRCLIP	1
10		NOT USED ON THIS MODEL	
11		NOT USED ON THIS MODEL	
12		NOT USED ON THIS MODEL	
13		NOT USED ON THIS MODEL	

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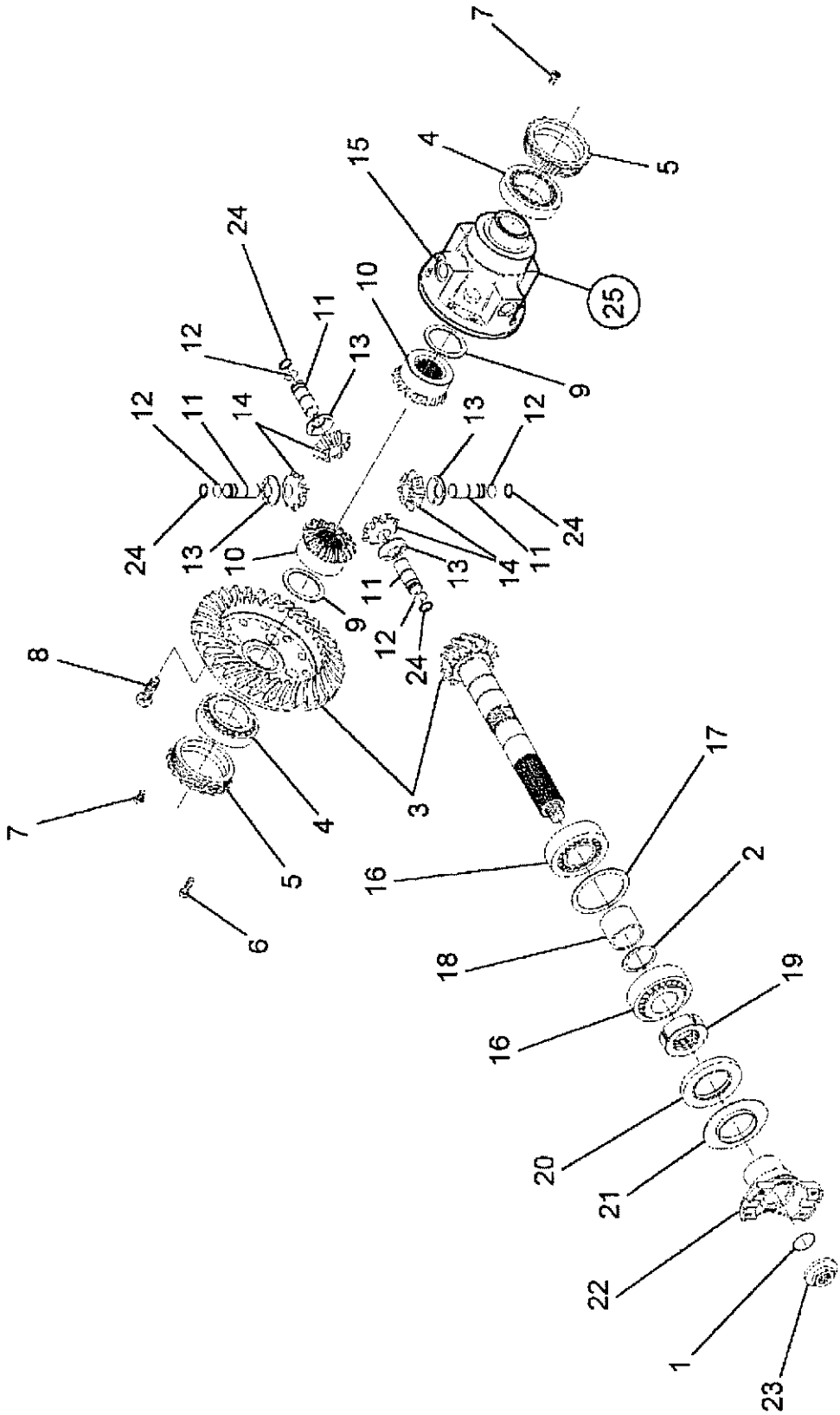

2	PAGE NUMBER	DIFFERENTIAL ASSEMBLY 212 / 541 REAR AXLE	DRAWING NUMBER	P1-2154

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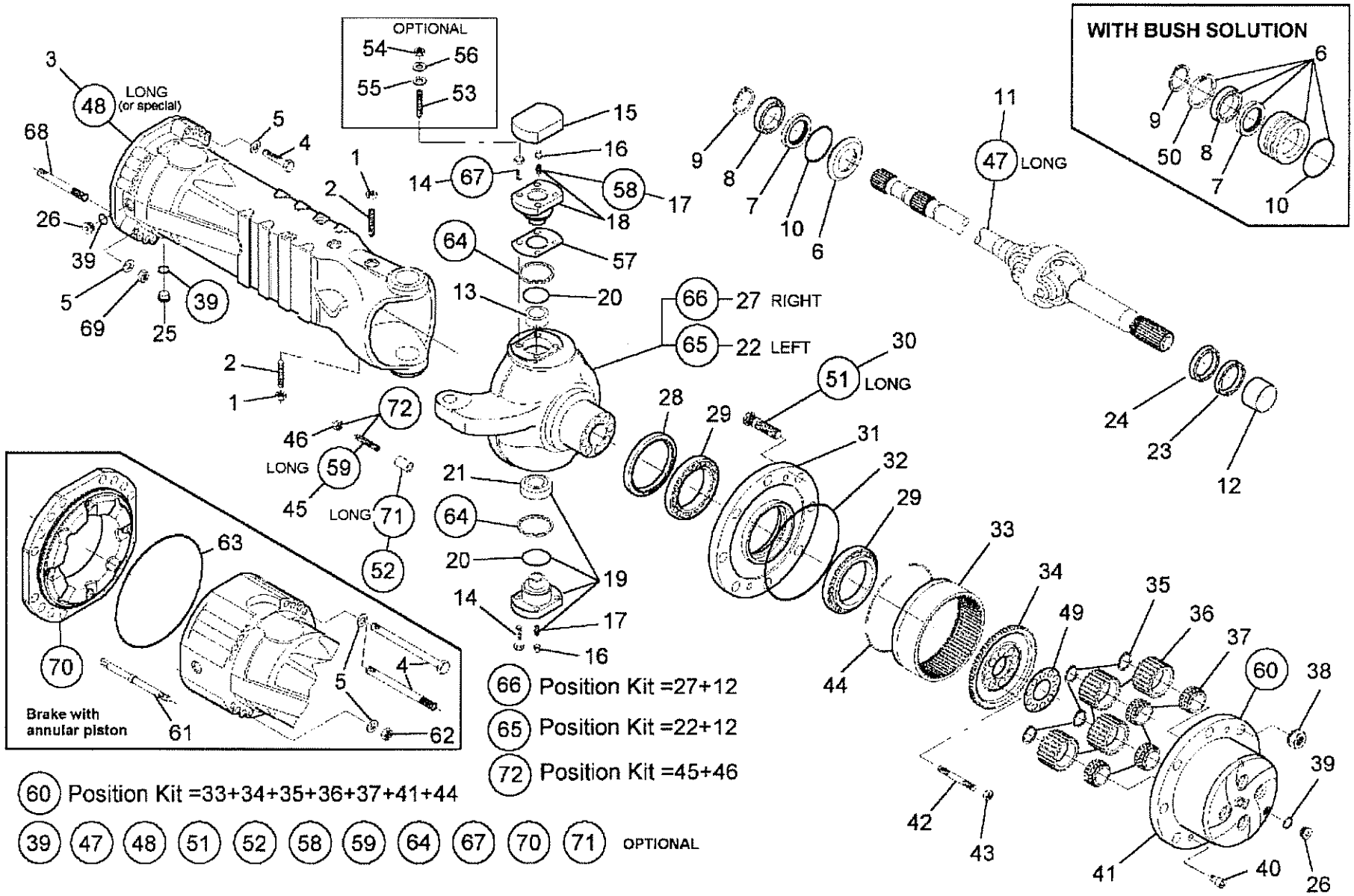
ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-528	O-RING	1
2		SHIM / SEE ITEMS 26-29 BELOW	
3	7-229-994	BEVEL GEAR SET	1
4	7-229-535	TAPER ROLLER BEARING	2
5	7-229-536	RING NUT	2
6	7-229-537	CYLINDER BOLT	4
7	7-229-538	CYLINDER BOLT	2
8	7-229-691	BOLT	12
9	7-229-540	FRICTION WASHER	2
10	7-229-541	DIFFERENTIAL SIDE GEAR / RH	1
11	7-229-941	PIN	4
12	7-229-543	CIRCLIP	4
13	7-229-544	FRICTION WASHER	4
14	7-229-942	DIFFERENTIAL PINION	4
15	7-229-546	DIFFERENTIAL CARRIER	1
16	7-229-547	TAPER ROLLER BEARING	2
17		SHIM / SEE ITEMS 30-33 BELOW	
18	7-229-549	SPACER	1
19	7-229-550	RING NUT	1
20	7-229-551	SEAL	1
21		NOT USED ON THIS MODEL	
22	7-229-943	FLANGE	1
23	7-229-554	NUT	1
24	7-229-555	CIRCLIP	4
25	7-229-556	DIFFERENTIAL ASSY (INCL. ITEMS 9-15,24)	1
26	7-229-530	SHIM / 0.15mm	AR
27	7-229-531	SHIM / 0.20mm	AR
28	7-229-532	SHIM / 0.40mm	AR
29	7-229-533	SHIM / 0.50mm	AR
30	7-229-548	SHIM / 0.20mm	AR
31	7-229-557	SHIM / 0.30mm	AR
32	7-229-558	SHIM / 0.15mm	AR
33	7-229-559	SHIM / 0.10mm	AR

https://truckmanualshub.com/



https://truckmanualshub.com/

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-623	NUT	2
2	7-229-624	BOLT	2
3	7-229-677	AXLE CASE	2
4	7-229-947	BOLT	32
5		(NOT USED ON THIS MODEL)	
6	7-229-562	REDUCTION BUSHING	2
7	7-229-563	SEAL	2
8	7-229-564	BALL BEARING	2
9	7-229-565	CIRCLIP	2
10	7-229-566	O-RING	2
11	7-229-567	UNIVERSAL JOINT	2
12	7-229-568	THRUST BUSHING	2
13	7-229-948	BUSHING	2
14	7-229-539	BOLT	20
15	7-229-570	COVER	2
16	7-229-571	PLUG	4
17	7-229-572	GREASE FITTING	4
18	7-229-573	PIVOT PIN (INCLUDES ITEM 17)	2
19	7-229-574	PIVOT PIN (INCLUDES ITEMS 17,20,21)	2
20	7-229-575	SEAL	4
21	7-229-576	ARTICULATION	2
22	7-229-949	STEERING CASE / LH (w/o ITEM 12)	1
23		(NOT USED ON THIS MODEL)	
24	7-229-578	SEAL	2
25	7-229-527	MAGNET PLUG	2
26	7-229-526	PLUG	4
27	7-229-950	STEERING CASE / RH (w/o ITEM 12)	1
28	7-229-951	SEAL	2
29	7-229-583	BEARING	4
30	7-229-692	WHEEL STUD	20
31	7-229-680	WHEEL HUB	2
32	7-229-586	O-RING	2
33	7-229-587	RING GEAR	2
34	7-229-588	RING GEAR SUPPORT	2
35	7-229-589	CIRCLIP	8
36	7-229-590	PLANET GEAR	8
37	7-229-591	BEARING	8
38	7-229-592	WHEEL NUT	20
39		OPTIONAL (NOT USED ON THIS MODEL)	
40	7-229-681	COUNTERSUNK BOLT	4
41	7-229-931	PLANET GEAR CARRIER	2
42	7-229-595	STUD	16
43	7-229-596	NUT	16
44	7-229-597	CIRCLIP	2
45	7-229-823	BOLT	4
46	7-229-599	NUT	4
47		OPTIONAL (NOT USED ON THIS MODEL)	
48		OPTIONAL (NOT USED ON THIS MODEL)	
49	7-229-600	LOCKING PLATE	2
50	7-229-601	CIRCLIP	2

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ITEM	NUMBER	DESCRIPTION	REQD
51		OPTIONAL (NOT USED ON THIS MODEL)	
52		OPTIONAL (NOT USED ON THIS MODEL)	
53		(NOT USED ON THIS MODEL)	
54		(NOT USED ON THIS MODEL)	
55		(NOT USED ON THIS MODEL)	
56		(NOT USED ON THIS MODEL)	
57		SHIM / AS REQUIRED (SEE ITEMS 73-75 BELOW)	
58		OPTIONAL (NOT USED ON THIS MODEL)	
59		OPTIONAL (NOT USED ON THIS MODEL)	
60	7-229-930	PLANET GEAR CARRIER ASSY(ITEMS 33-37,41,44)	2
61		(NOT USED ON THIS MODEL)	
62		(NOT USED ON THIS MODEL)	
63		(NOT USED ON THIS MODEL)	
64		OPTIONAL (NOT USED ON THIS MODEL)	
65	7-229-953	STEERING CASE ASSY / LH (ITEMS 22,12)	1
66	7-229-954	STEERING CASE ASSY / RH (ITEMS 27,12)	1
67		OPTIONAL (NOT USED ON THIS MODEL)	
68		(NOT USED ON THIS MODEL)	
69		(NOT USED ON THIS MODEL)	
70		OPTIONAL (NOT USED ON THIS MODEL)	
71		OPTIONAL (NOT USED ON THIS MODEL)	
72	7-229-955	STEERING ADJUST BOLT w/ NUT (ITEMS 45,46)	4
73	7-229-602	SHIM / 0.15mm	AR
74	7-229-603	SHIM / 0.20mm	AR
75	7-229-604	SHIM / 0.50mm	AR

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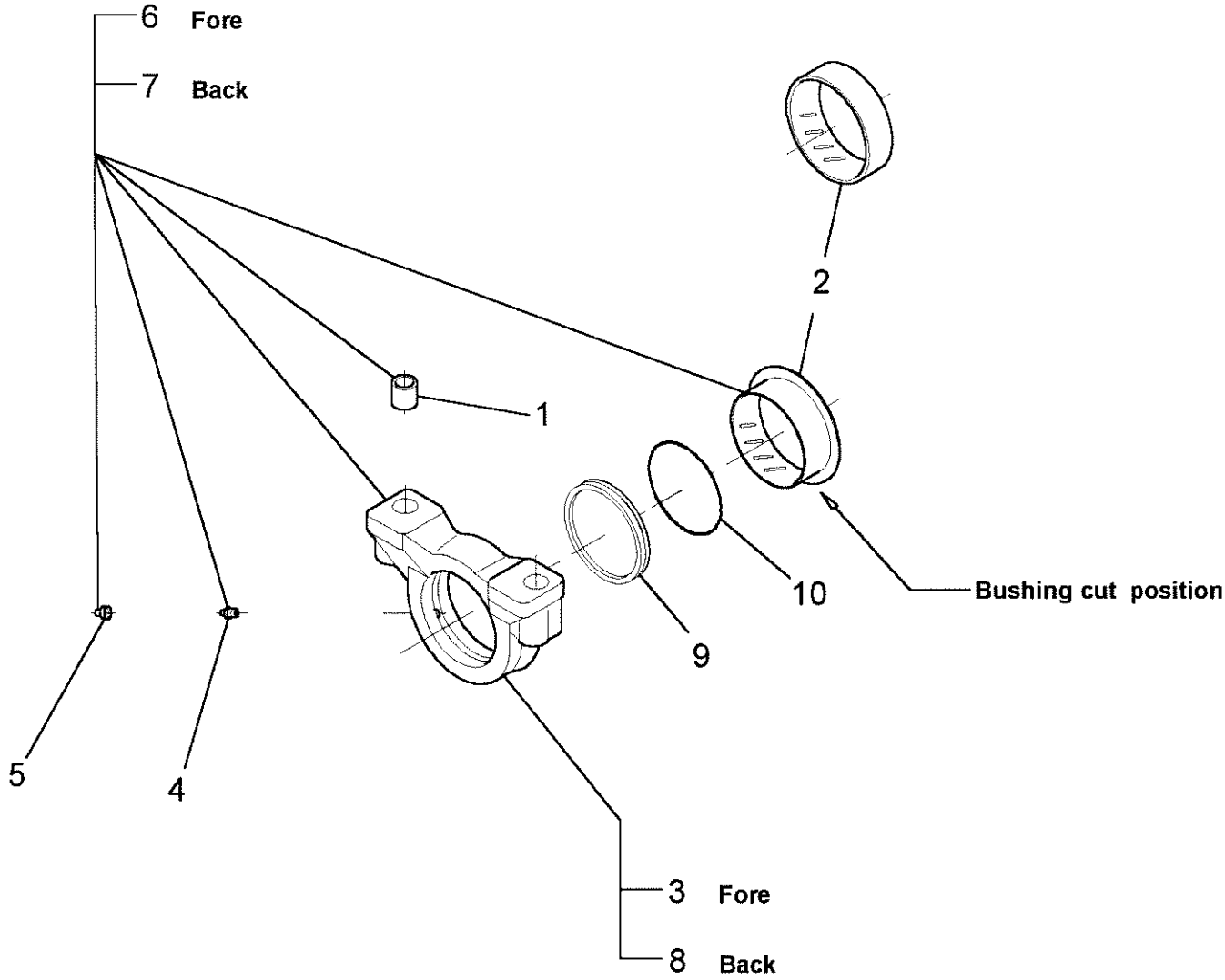

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-620	REDUCTION BUSHING	4
2	7-229-621	THRUST BUSHING	2
3	7-229-622	SUPPORT	2
4	7-229-572	GREASE FITTING	2
5	7-229-571	PLUG	2
6	7-229-735	SUPPORT ASSEMBLY (INCLUDES ITEMS 1-5)	2
7		(NOT USED ON THIS MODEL)	
8		(NOT USED ON THIS MODEL)	
9		(NOT USED ON THIS MODEL)	
10		(NOT USED ON THIS MODEL)	

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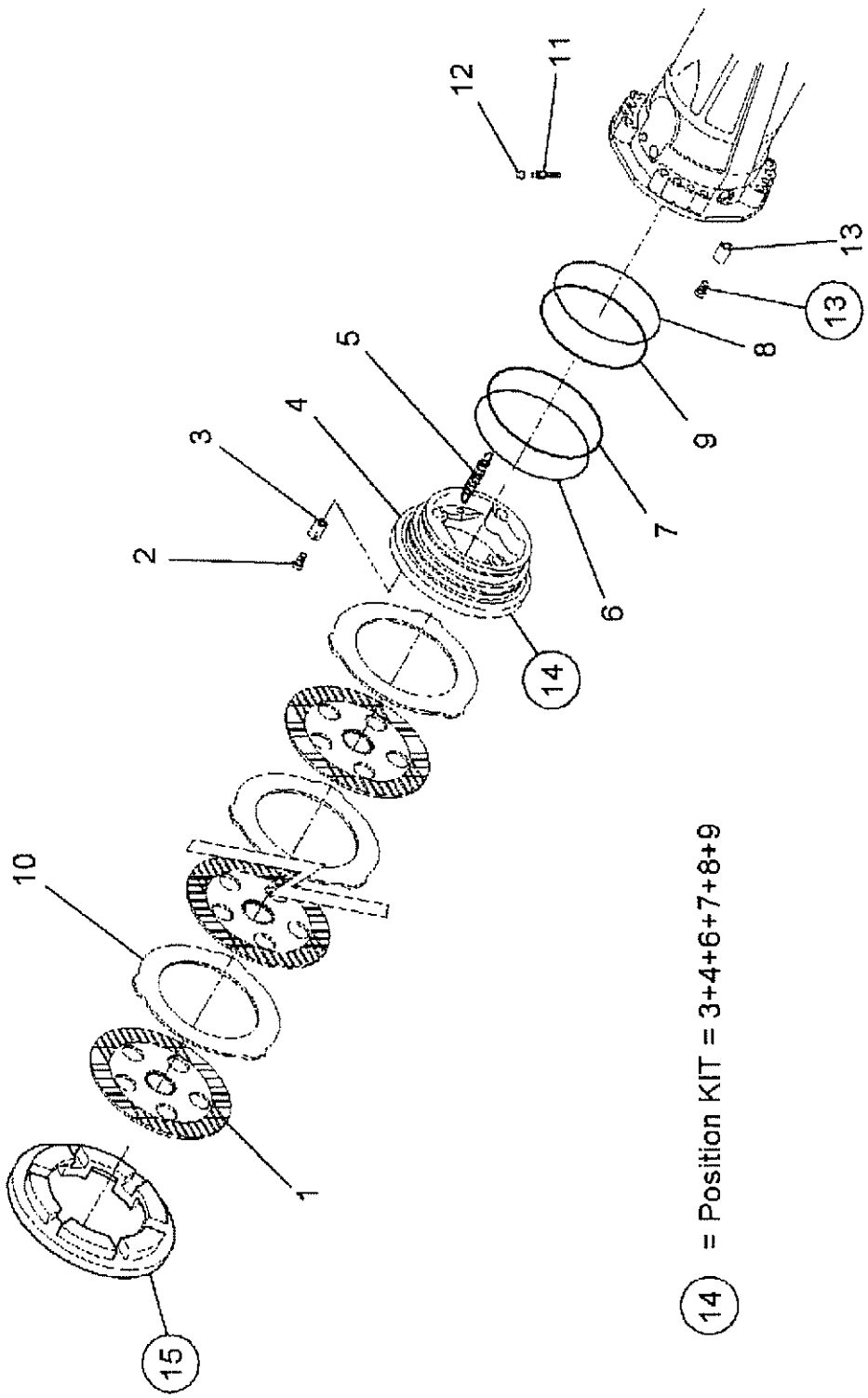

(14) = Position KIT = 3+4+6+7+8+9

(13) (15) OPTIONAL

5	PAGE NUMBER	DISC BRAKE ASSEMBLY 212 / 541 REAR AXLE	DRAWING NUMBER	P1-2156

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ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-605	BRAKE DISC	6
2	7-229-606	ADJUSTING BOLT	6
3	7-229-967	SPRING	6
4	7-229-608	PISTON	2
5	7-229-609	SPRING	6
6	7-229-610	BACK-UP RING	2
7	7-229-611	O-RING	2
8	7-229-612	BACK-UP RING	2
9	7-229-613	O-RING	2
10	7-229-614	INTERMEDIATE BRAKE DISC	8
11	7-229-615	BLEEDING BOLT	2
12	7-229-571	PLUG	2
13	7-229-969	DOWEL	2
14	7-229-617	PISTON ASSEMBLY (INCLUDES ITEMS 3,4,6,7,8,9)	2
15		OPTIONAL (NOT USED ON THIS MODEL)	

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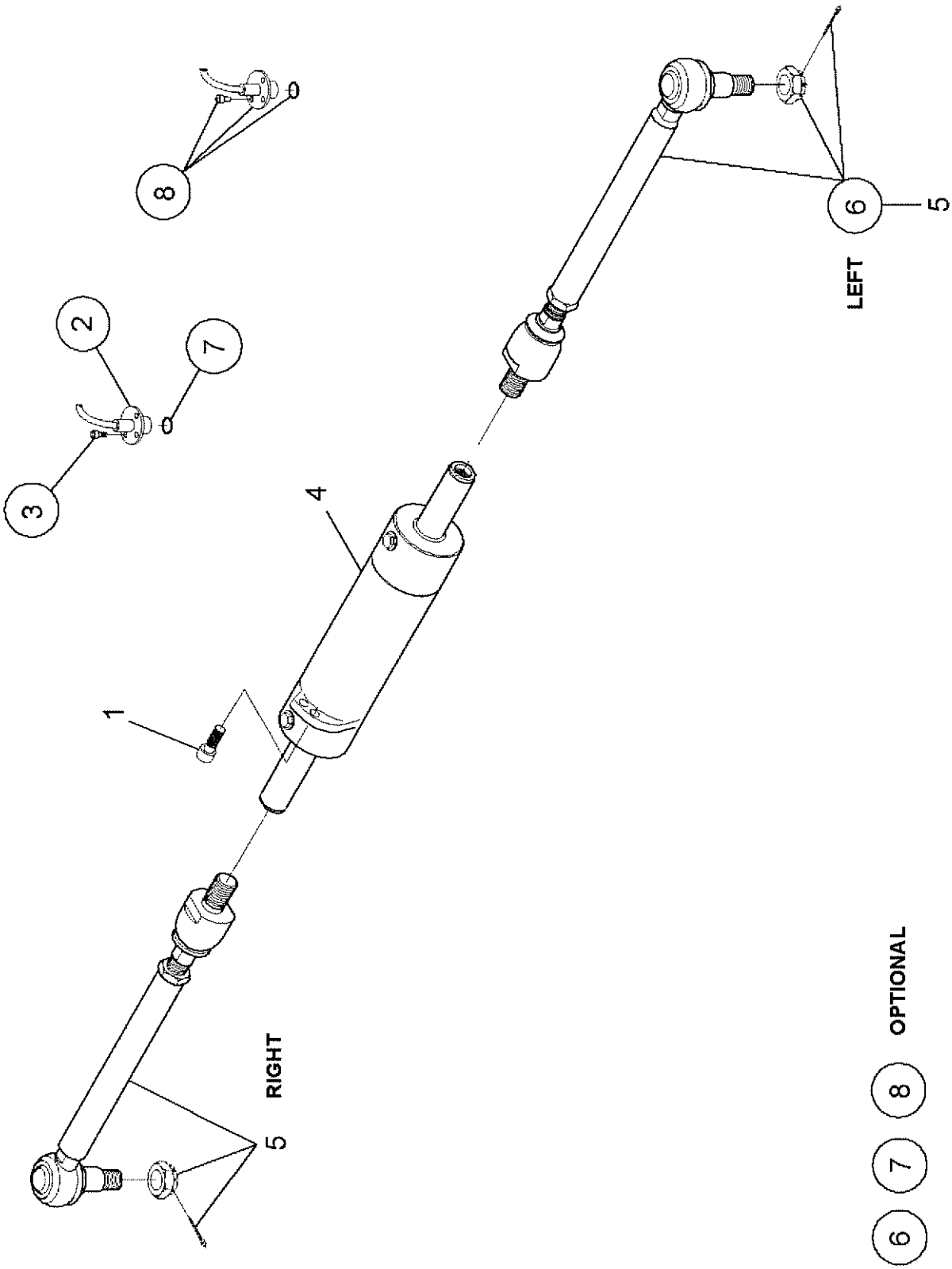

6	PAGE NUMBER	STEERING ARMS ASSEMBLY 212 / 541 REAR AXLE	DRAWING NUMBER	P1-1268

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ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-618	CYLINDER BOLT	4
2		OPTIONAL (NOT USED ON THIS MODEL)	
3		OPTIONAL (NOT USED ON THIS MODEL)	
4	7-229-619	CYLINDER	1
5	7-229-669	ARTICULATED TIE ROD / LH & RH	2
6		OPTIONAL (NOT USED ON THIS MODEL)	
7		OPTIONAL (NOT USED ON THIS MODEL)	
8		OPTIONAL (NOT USED ON THIS MODEL)	

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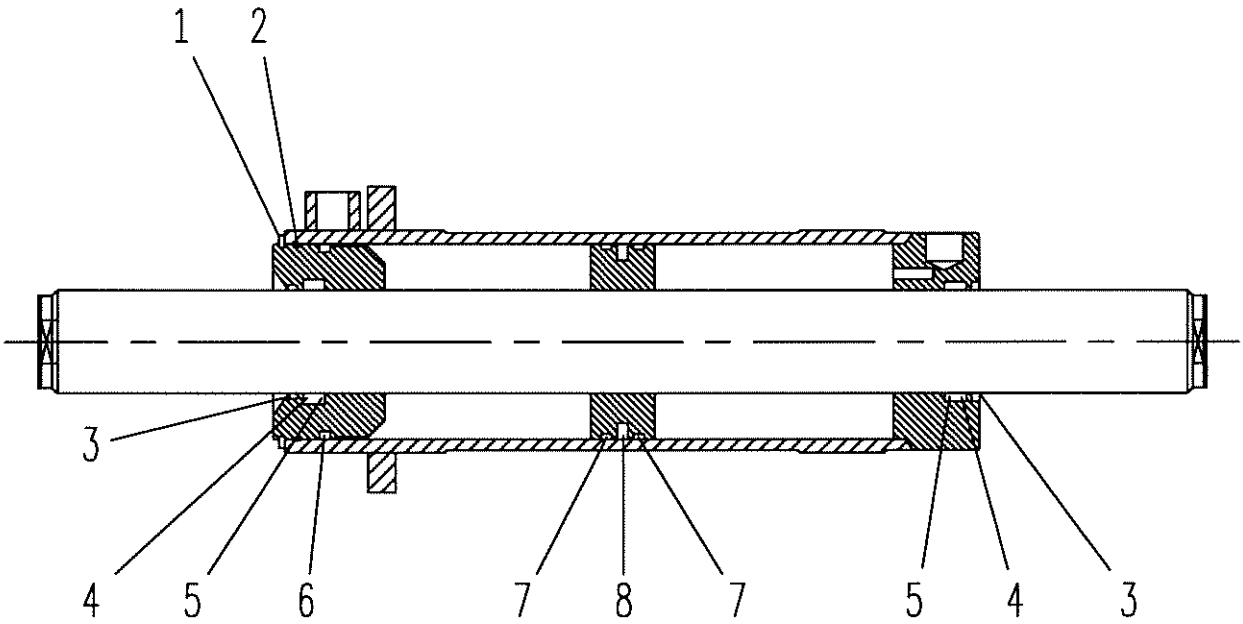

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-511	SNAP RING	1
2	7-229-512	STOP RING	2
3	7-229-513	WIPER	2
4	7-229-514	SEAL	2
5	7-229-515	BACK-UP RING	2
6	7-229-516	WEAR RING	1
7	7-229-517	PISTON WEAR RING	2
8	7-229-518	PISTON SEAL	1
9	7-900-88	SEAL KIT (ITEMS 1-8)	1

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