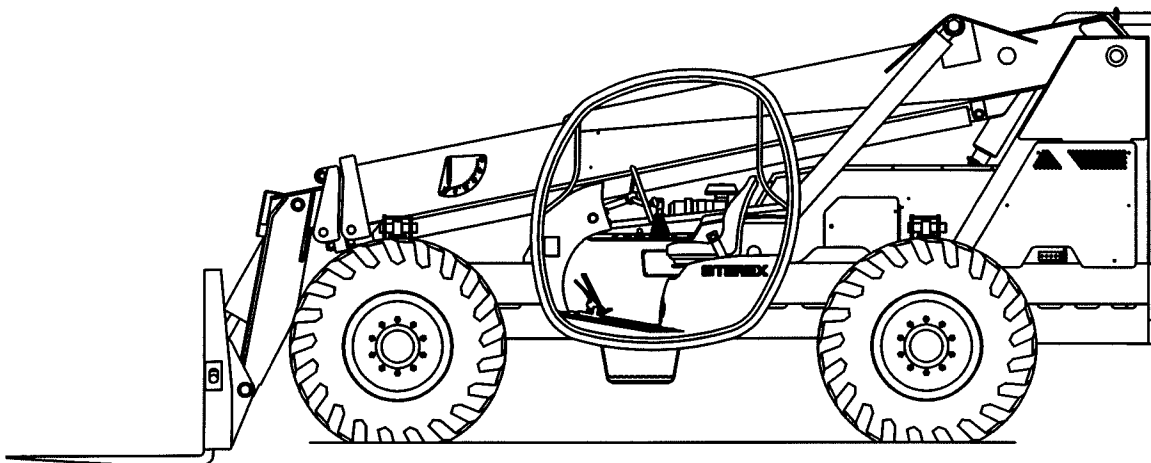


PARTS BOOK TH644C



04-27-04

JOHN DEERE TIER II 4045 TURBO ENGINE

DANA 212 AXLES

CLARK T12000 TRANSMISSION

REMOTE MOUNTED SAF-T-CAB III

REXROTH HYDRAULIC PUMP

VOAC MAIN VALVE

VOAC 4-WAY CONTROLLER

Serial Number: _____

TEREX HANDLERS

455 N. Superior Ave., Baraga, MI 49908-0790

PH: (906) 353-6675; FAX: (906) 353-7543

INTERNET: <http://www.terex.com>

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TH644C

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27	CIRCUIT / STEERING	P1-1943
28	CIRCUIT / SWAY	P1-1944
29	CIRCUIT / REAR LOCK-UP	P1-1945
30	CIRCUIT / PARKING BRAKE	P1-1972
31	CIRCUIT / PRESSURE CHECKS	P4-1963
32	CIRCUIT / BRAKE	P1-1974
33	CIRCUIT / OIL COOLER / JD-4045 TIER II	P1-1952
34	CIRCUIT / FUEL / JD-4045 TIER II	P4-2074
35	FUEL TANK ASSEMBLY	P1-1949
36	STARTER RELAY / SENDER ASSY / JD-4045 TIER II	P4-2075
37	BATTERY BOX ASSEMBLY	P1-1947
38	LIFT CYLINDER / 7-316-240	P4-2043
39	TILT CYLINDER / 7-316-238	P4-2044
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49	RETURN FILTER ASSEMBLY / 7-118-01	P1-1513
50	CONTROL BLOCK ASSEMBLY / 7-234-94	P1-1451
51	4-WAY CONTROLLER ASSEMBLY / 7-200-139	P1-1875
52	MAIN VALVE ASSEMBLY / 7-200-80	P4-1425
53	HYDRAULIC PUMP ASSEMBLY / 7-345-113	P4-2059
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MANUFACTURER

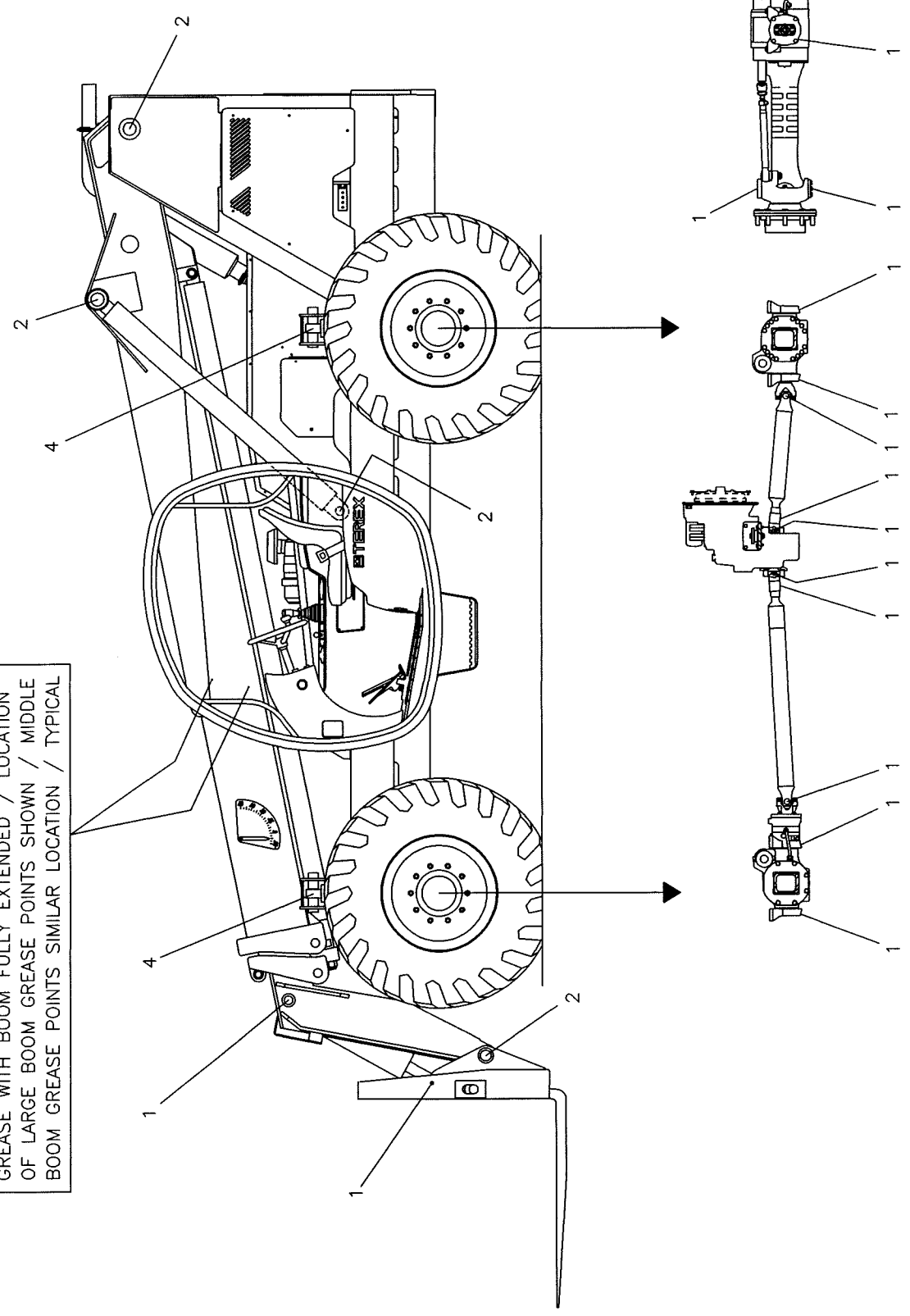
PART NUMBER	NUMBER	DESCRIPTION	SEAL KIT
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PPDB-LNN	7-234-13	CARTRIDGE / REDUCING RELIEVING	7-234-29
CXDA-XAN	7-234-16	CARTRIDGE / CHECK	7-234-31
CKCD-XCN	7-234-18	CARTRIDGE / PILOT CHECK	7-234-29
CBCA-LHN	7-234-19	CARTRIDGE / COUNTERBALANCE	7-234-29
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
CXDA-XCN	7-234-80	CARTRIDGE / CHECK	7-234-31
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
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

7-182-01	CYLINDER / SWAY-REAR LOCK / P1-1924	7-900-180
7-316-240	CYLINDER / LIFT / P4-2043	7-900-21
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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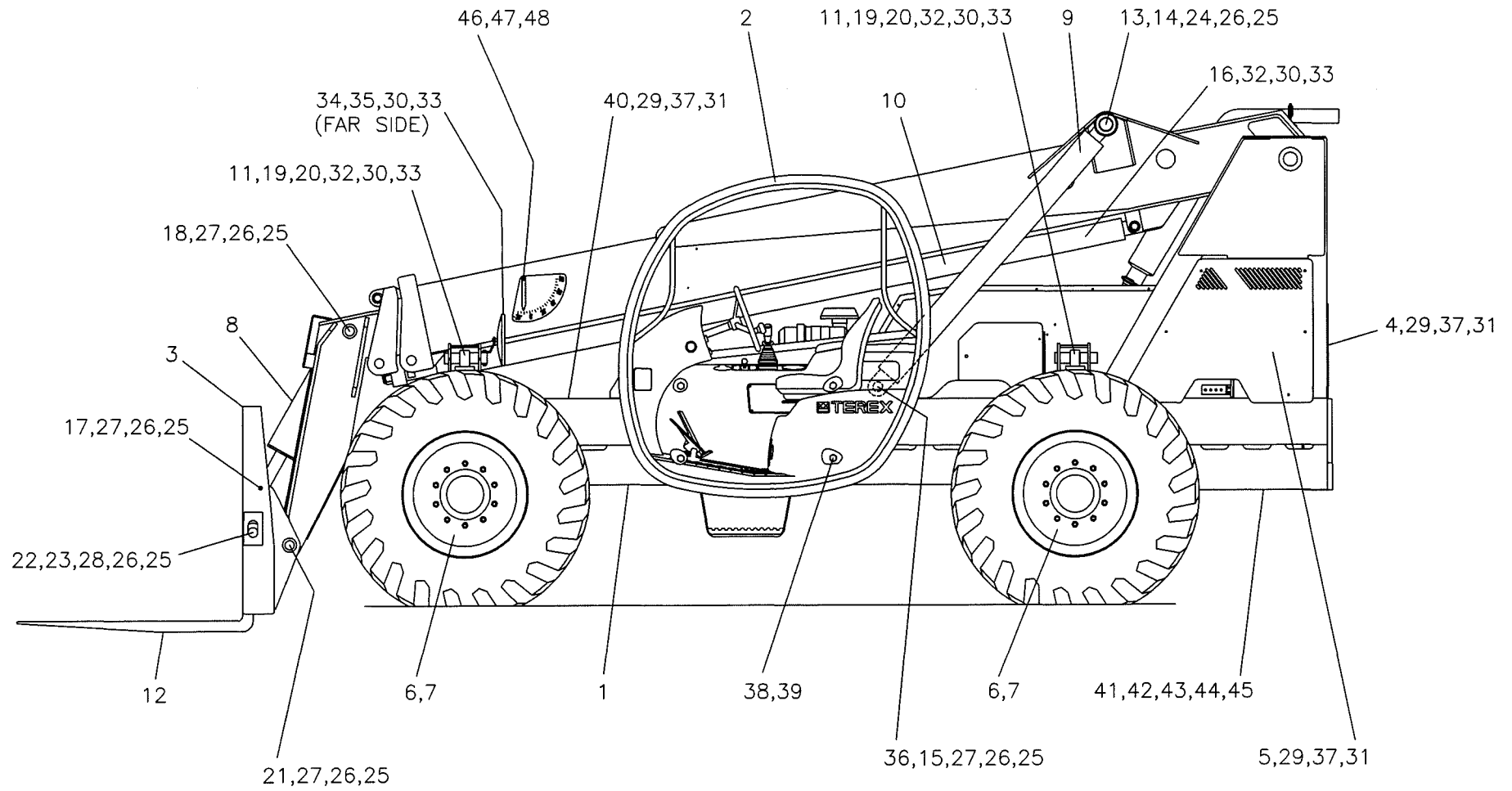
GREASE WITH BOOM FULLY EXTENDED / LOCATION
 OF LARGE BOOM GREASE POINTS SHOWN / MIDDLE
 BOOM GREASE POINTS SIMILAR LOCATION / TYPICAL



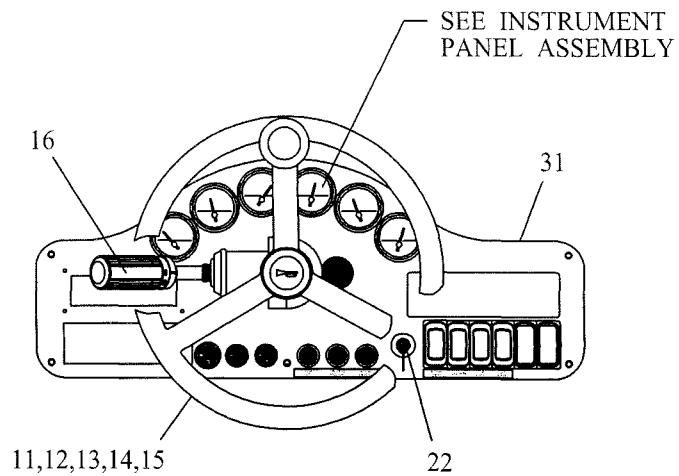
TH644C FILTER GUIDE

DESCRIPTION	PART NO.	APPLICATION
1. HYDRAULIC RETURN FILTER ELEMENT	7-118-02	TH644C
2. ENGINE OIL FILTER / JOHN DEERE	7-183-184	TH644C
3. ENGINE FUEL FILTER / JOHN DEERE.....	7-183-45	TH644C
4. AIR CLEANER ELEMENT / PRIMARY.....	7-109-04	TH644C
5. AIR CLEANER ELEMENT / SAFETY	7-109-14	TH644C
6. TRANSMISSION OIL FILTER.....	7-126-349	TH644C
7. HYDRAULIC RESERVOIR FILLER-BREATHER	7-272-11	TH644C

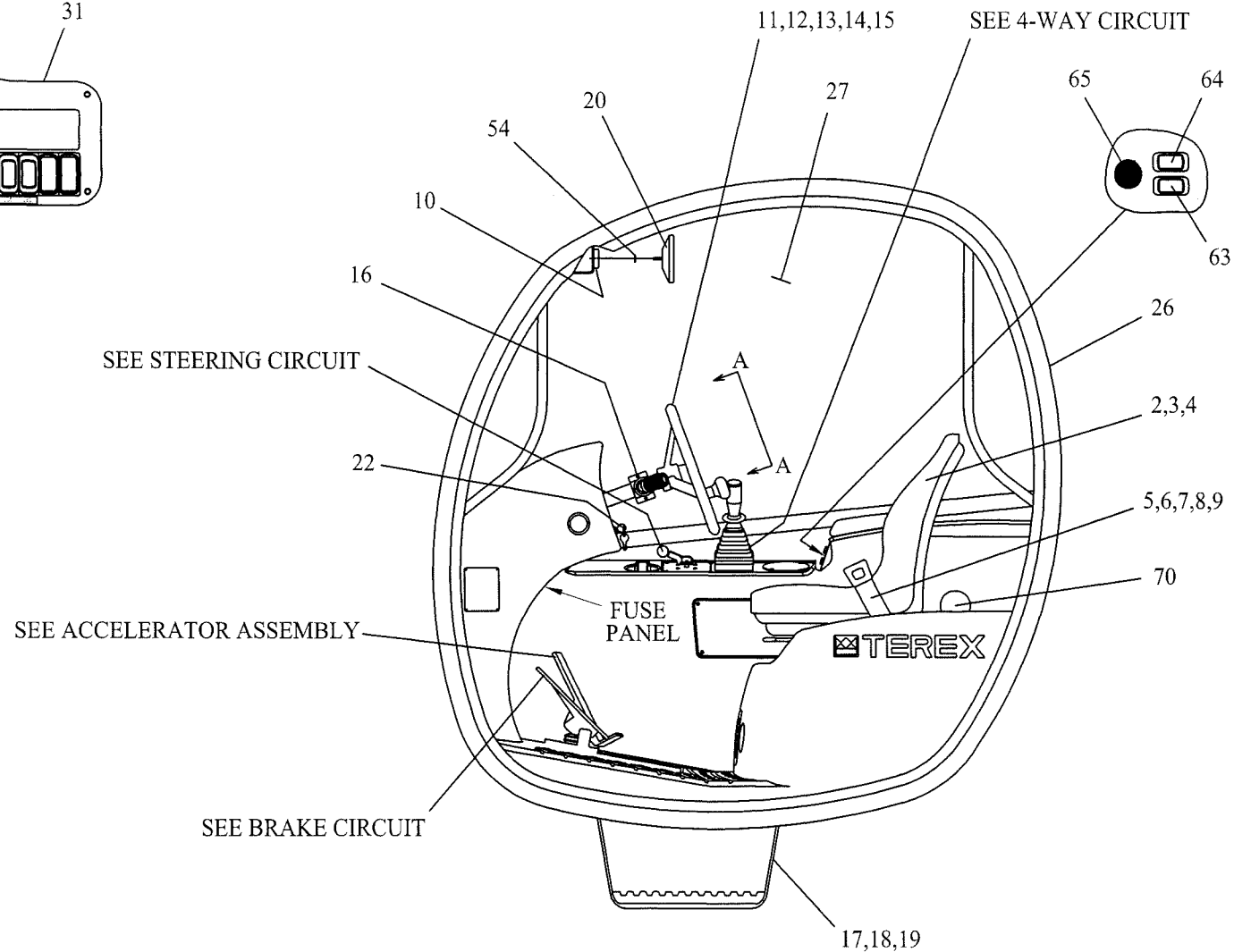
ITEM	NUMBER	DESCRIPTION	REQD
1	2-1274	DECAL / LOAD CHART / TH644C	1
2	4-2282-2	DECAL / TH644C TURBO	2
3	2-1345	DECAL / STEERING SELECTOR	1
4	4-1401-2	DECAL / DIESEL FUEL	1
5	4-1401-3	DECAL / HYDRAULIC OIL LEVEL	1
6	2-1346	DECAL / 4-WAY CONTROL	1
7	4-1401-8	DECAL / TRANSMISSION OIL	1
8	4-1401-10	DECAL / 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	4-1105-16	DECAL / MADE IN USA	4
14	4-1105-19	DECAL / REAR AXLE STABILIZERS	1
15	3-1257-1	DECAL / HYDRAULIC OIL ONLY	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	2-1339	DECAL / FILTER GUIDE / JOHN DEERE TIER II	1
32	4-1579-15	DECAL / PARKING BRAKE CAUTION	1
33	7-349-01	DECAL / TEREX CROWN / SMALL	1
34	7-349-02	DECAL / TEREX CROWN / MEDIUM	1
35	4-2111-1	DECAL / TEREX / SMALL	2
36	4-1880-1	DECAL / BOOM ANGLE / WHITE LETTERS	1
37	1-1285	DECAL / CHEVRON TRANSMISSION OIL	1
38	1-1286	DECAL / CHEVRON HYDRAULIC OIL	1
39	1-1287	DECAL / DAILY CHECK LIST	1
40	2-1223-1	DECAL / TECHNICAL SUPPORT	1
41	2-1341-1	DECAL / DASH GANG SWITCHES	1
42	2-1347	DECAL / SWAY-AUXILIARY-12V ACCESSORY	1
43	2-1342-1	DECAL / DASH GANG LIGHTS	1
44	7-900-184	DECAL KIT (ITEMS 1 THRU 43)	REF

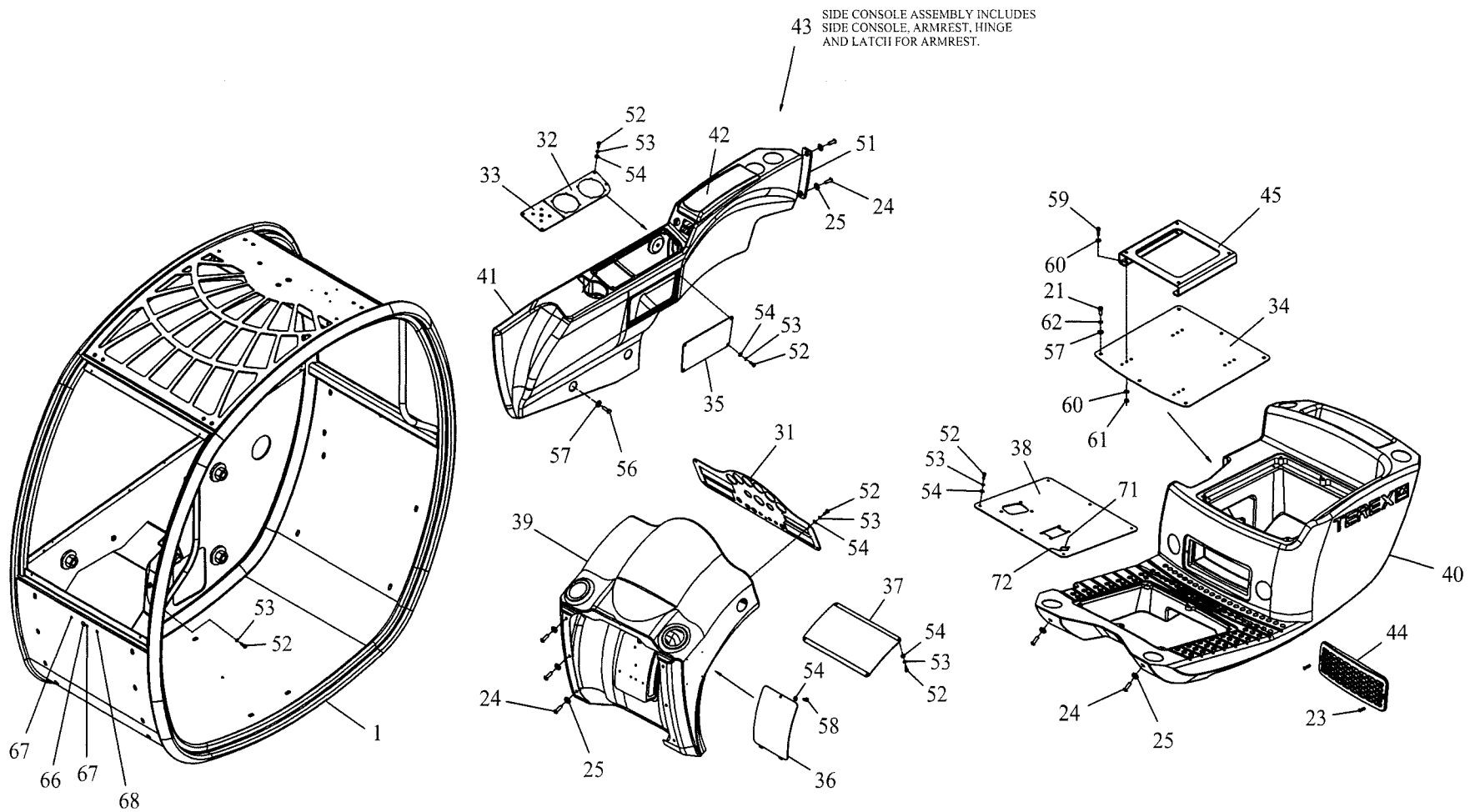


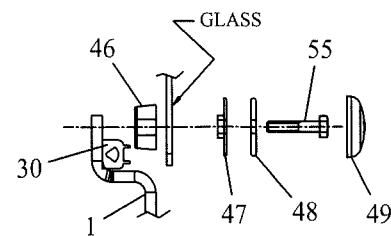
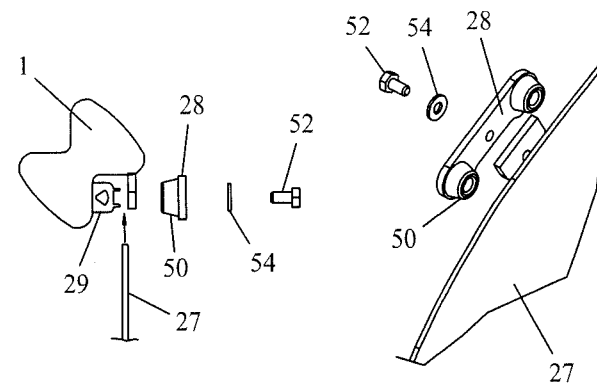
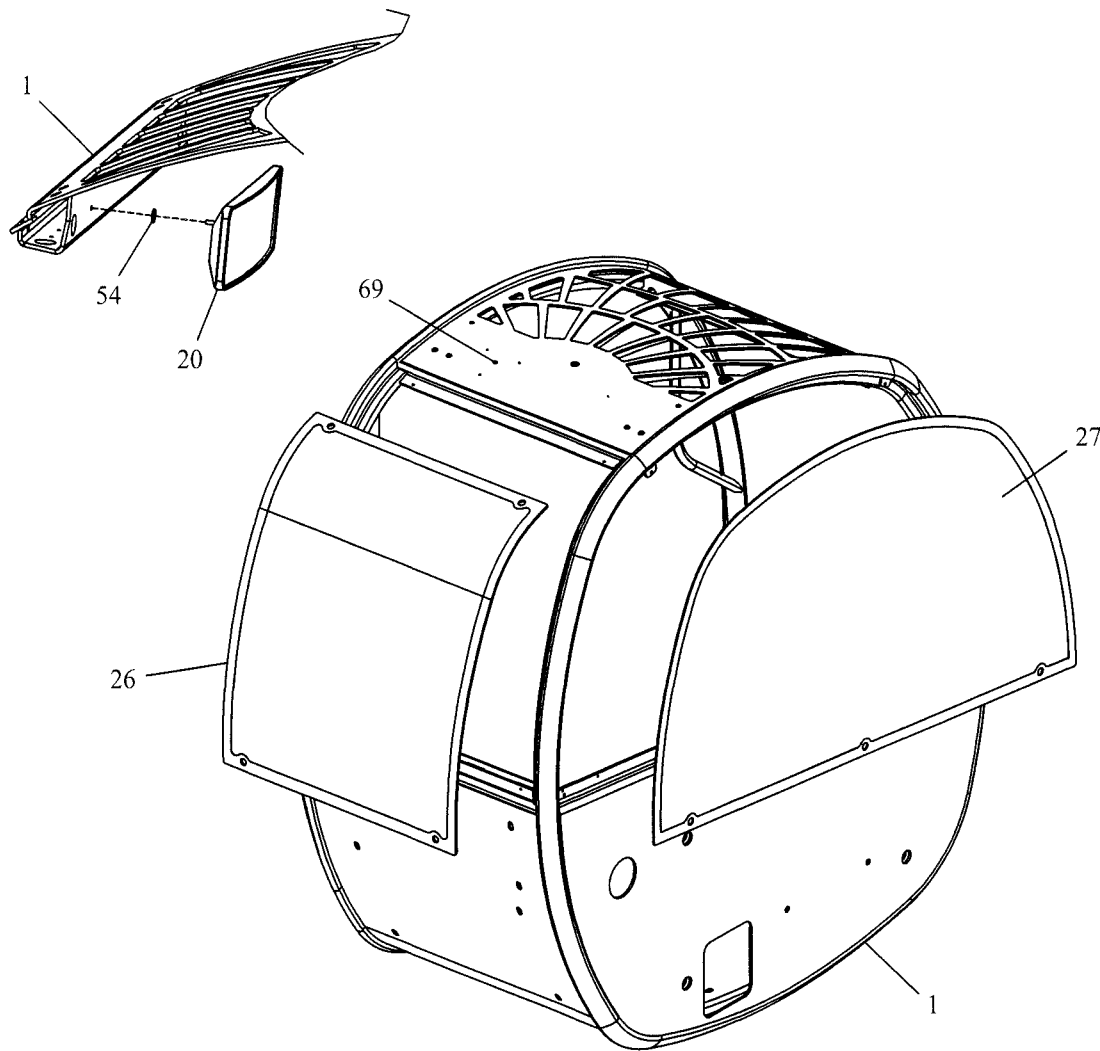
ITEM	NUMBER	DESCRIPTION	REQD
1	4-2348	MAIN FRAME WELDMENT	1
2	7-132-141	CANOPY ASSEMBLY	1
3	4-1525	FORK FRAME / 48 WIDE	1
4	5-2002	REAR PANEL	1
5	5-2003	SIDE PANEL / RH & LH	2
6	7-166-17	TIRE & WHEEL ASSEMBLY / RH	2
7	7-166-18	TIRE & WHEEL ASSEMBLY / LH	2
8	7-316-238	CYLINDER / TILT	1
9	7-316-240	CYLINDER / LIFT	2
10	7-316-211	CYLINDER / BOOM	1
11	7-182-01	CYLINDER / SWAY-REAR LOCK	4
12	3-1391-10	FORK TINE / 48 LG.	2
13	3-1092-3	PIN / HEAD LIFT CYLINDER	1
14	6-2524-10	COLLAR / HEAD LIFT CYLINDER	2
15	3-1054-2	PIN / BASE LIFT CYLINDER	1
16	2-1090	PIN / BASE BOOM CYLINDER	1
17	6-3316-65	PIN / HEAD TILT CYLINDER	1
18	3-1054-1	PIN / BASE TILT CYLINDER	1
19	6-3312-43	PIN / HEAD SWAY CYLINDER	4
20	6-3312-73	PIN / BASE SWAY CYLINDER	4
21	6-3316-168	PIN / FORK FRAME	1
22	2-1067-10	PIN / FORK TINE	1
23	1-1074	COLLAR / FORK TINE PIN	1
24	6-5208-44	CAPSCREW 1/2 NC x 5 1/2 LG.	2
25	6-6201-08	HEX NUT 1/2 NC	8
26	6-6211-08	LOCKWASHER 1/2	8
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.	22
30	6-6211-06	LOCKWASHER 3/8	9
31	7-173-04	SPRING CLIP 1/4 NC	22
32	6-5206-22	CAPSCREW 3/8 NC x 2 3/4 LG.	8
33	6-6201-06	HEX NUT 3/8 NC	9
34	7-333-01	MIRROR / CONVEX	1
35	6-5206-24	CAPSCREW 3/8 NC x 3 LG.	1
36	3-1054-3	PIN / BASE LIFT CYL. / CAB SIDE	1
37	6-6212-04	FLATWASHER 1/4	22
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	5-2000	COVER / FRONT CHASSIS	1
41	5-2013	COUNTERWEIGHT PLATE	1
42	4-2364	COVER / COUNTERWEIGHT	1
43	6-5312-56	CAPSCREW 3/4 NF x 7 LG.	6
44	6-6212-12	FLATWASHER 3/4	12
45	6-6206-12	SELF-LOCKING NUT 3/4 NF	6
46	1-1217	POINTER / BOOM ANGLE	1
47	6-5204-08	CAPSCREW 1/4 NC x 1 LG.	1
48	6-6201-04	HEX NUT 1/4 NC	1



VIEW A-A





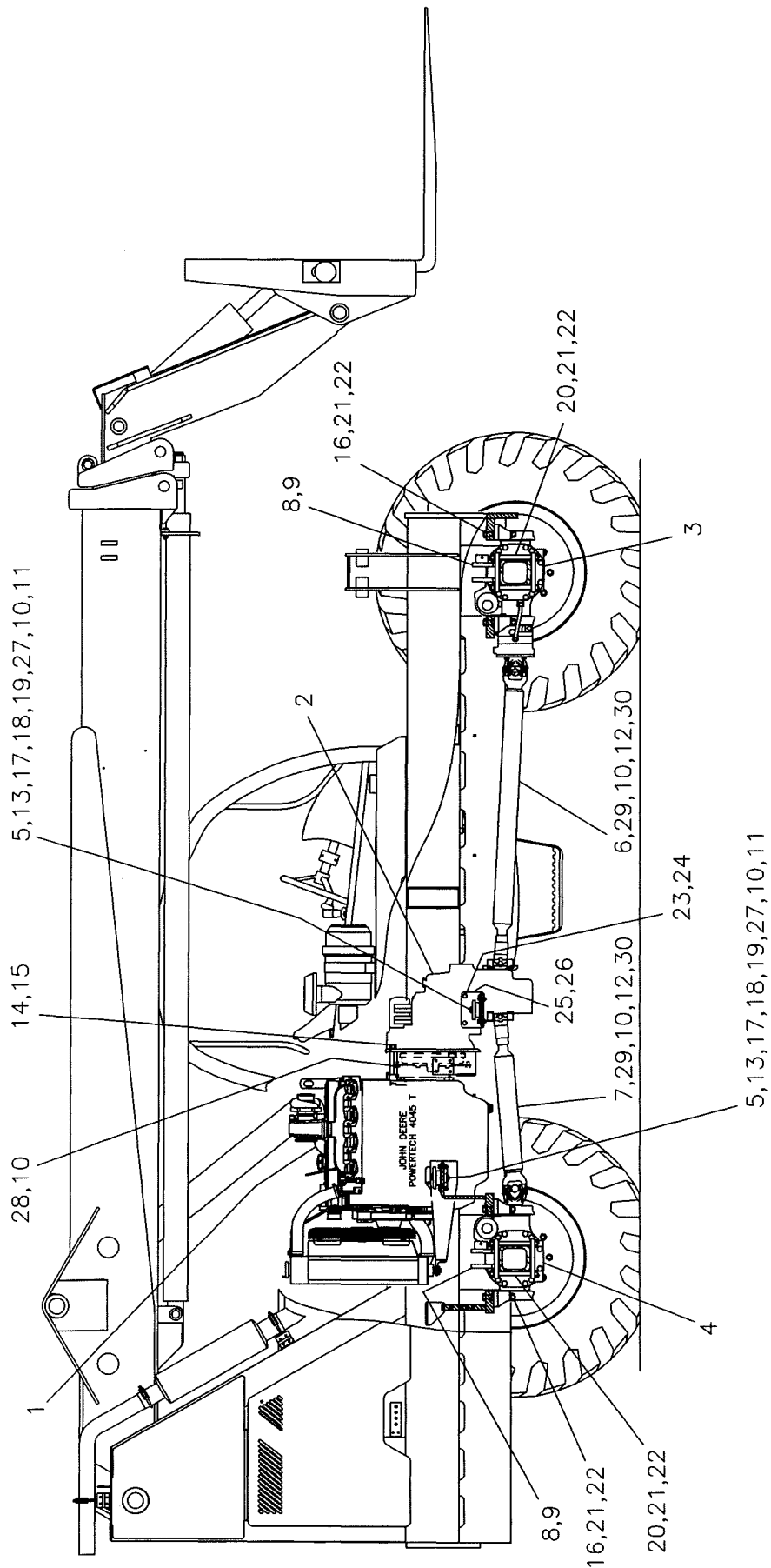


FOR ADDITIONAL CAB INFORMATION SEE OPTIONS SECTION

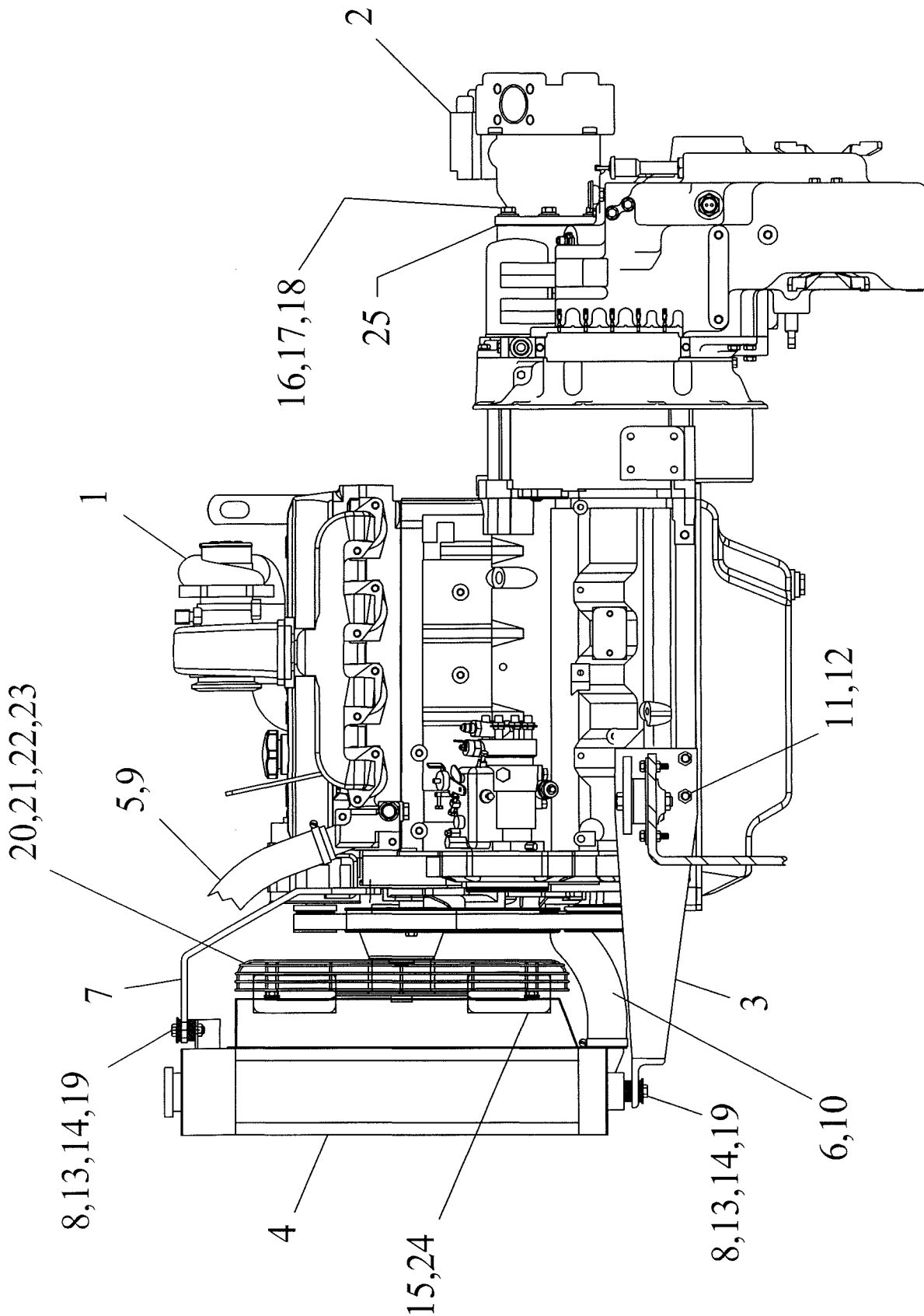
ITEM	NUMBER	DESCRIPTION	REQD
1	7-132-168	WELDMENT / OPEN CANOPY MODULE	REF
2	7-197-01	SEAT	1
3	6-6211-05	LOCKWASHER 5/16	4
4	6-6201-05	HEX NUT 5/16 NC	4
5	7-337-01	SEAT BELT	1
6	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	2
7	6-6212-05	FLATWASHER 5/16	2
8	6-6211-05	LOCKWASHER 5/16	2
9	6-6201-05	HEX NUT 5/16 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	7-194-83	BOLT 1/4 x 3/4 BUTTON HEAD / BLACK	2
24	7-194-84	BOLT 3/8 x 3/4 BUTTON HEAD / BLACK	18
25	7-173-12	FLATWASHER 3/8 BLACK 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	7-132-146	RUBBER / REAR WINDOW MOUNTING	131"
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	7-132-158	LOUVER PANEL / BLACK PLASTIC	1
45	7-132-108	SEAT MOUNT RISER	1
46	7-132-163	SPACER / GLASS	7
47	7-132-85	PLASTIC SEAL WASHER	7
48	7-132-84	HARD PLASTIC WASHER	7

ITEM	NUMBER	DESCRIPTION	REQD
49	7-132-74	CAP / BOLT COVER	7
50	7-132-164	RUBBER BUMPER / STICK-ON	4
51	7-132-165	FOAM SEAL / SIDE CONSOLE REAR	1
52	6-5204-04	CAPSCREW 1/4 NC x 1/2 LG.	29
53	6-6211-04	LOCKWASHER 1/4	27
54	6-6212-04	FLATWASHER 1/4	30
55	6-5204-10	CAPSCREW 1/4 NC x 1 1/4 LG.	7
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. / LIFT PIN ACCESS	1
71	7-144-09	HOLE PLUG / 1 1/8 / DIFF. LOCK SWITCH	1
72	7-144-08	HOLE PLUG / 5/16 / DIFF. LOCK BOLTS	2

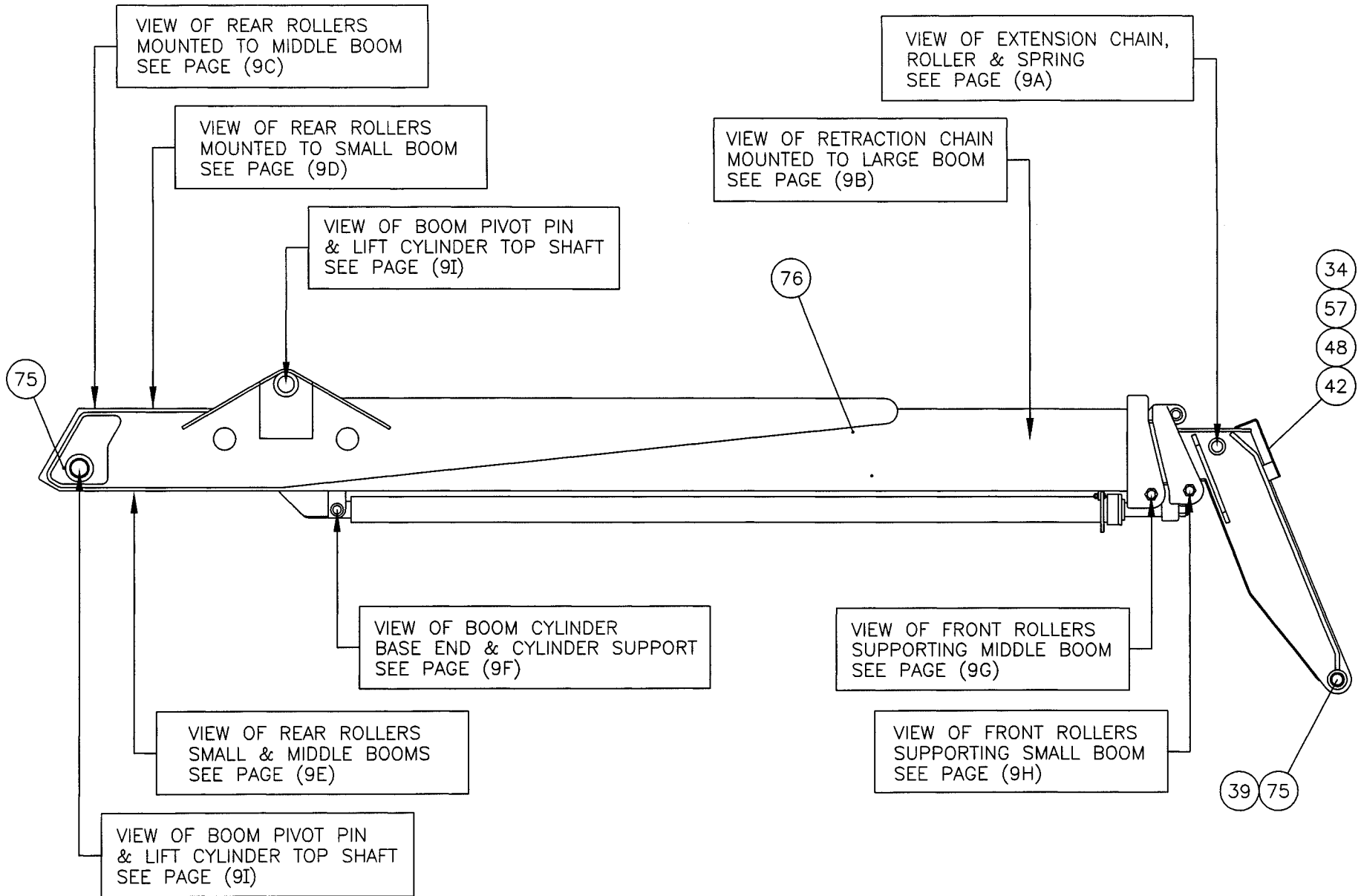
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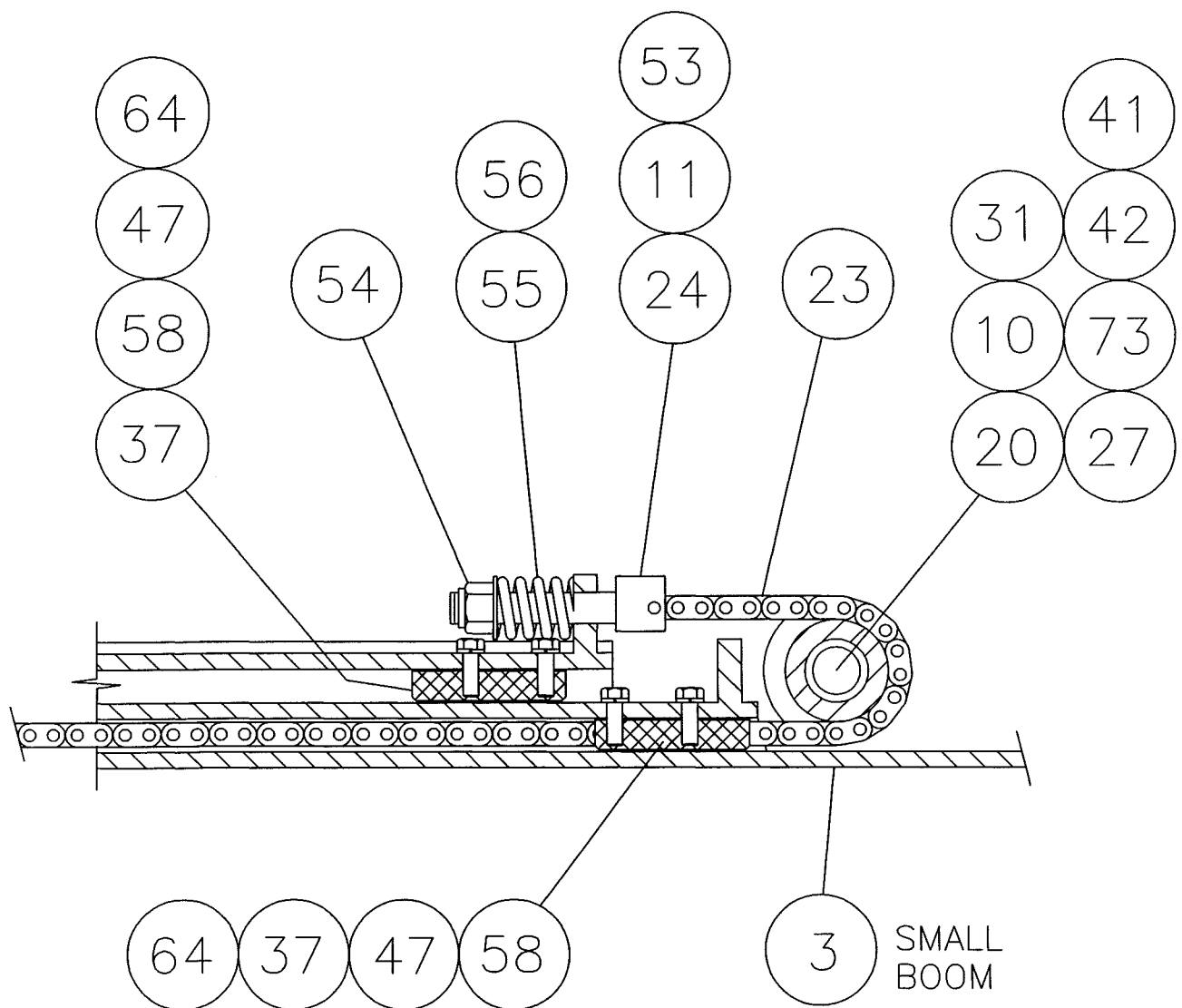


ITEM	NUMBER	DESCRIPTION	REQD
1	P1-1911	ENGINE and PUMP ASSEMBLY	REF
2	7-126-354	TRANSMISSION ASSEMBLY	1
3	7-229-693	AXLE ASSEMBLY / FRONT	1
4	7-229-373	AXLE ASSEMBLY / REAR	1
5	6-6201-06	HEX NUT 3/8 NC	8
6	7-229-889	DRIVESHAFT / FRONT	1
7	7-229-888	DRIVESHAFT / REAR	1
8	1-1239	BASE PLATE / SWAY MOUNT	4
9	3-1401	MOUNT / SWAY / RH & LH	4
10	6-6211-06	LOCKWASHER 3/8	24
11	6-6212-10	FLATWASHER 5/8	4
12	6-5306-14	CAPSCREW 3/8 NF x 1 3/4 LG.	8
13	7-326-01	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	6-5312-48	CAPSCREW 3/4 NF x 6 LG.	8
17	6-5310-32	CAPSCREW 5/8 NF x 4 LG.	4
18	6-6211-10	LOCKWASHER 5/8	4
19	6-6202-10	HEX NUT 5/8 NF	4
20	6-5312-68	CAPSCREW 3/4 NF x 8 1/2 LG.	16
21	6-6211-12	LOCKWASHER 3/4	24
22	6-6202-12	HEX NUT 3/4 NF	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-POINT SCREW 3/8 NF x 3/4 LG.	8

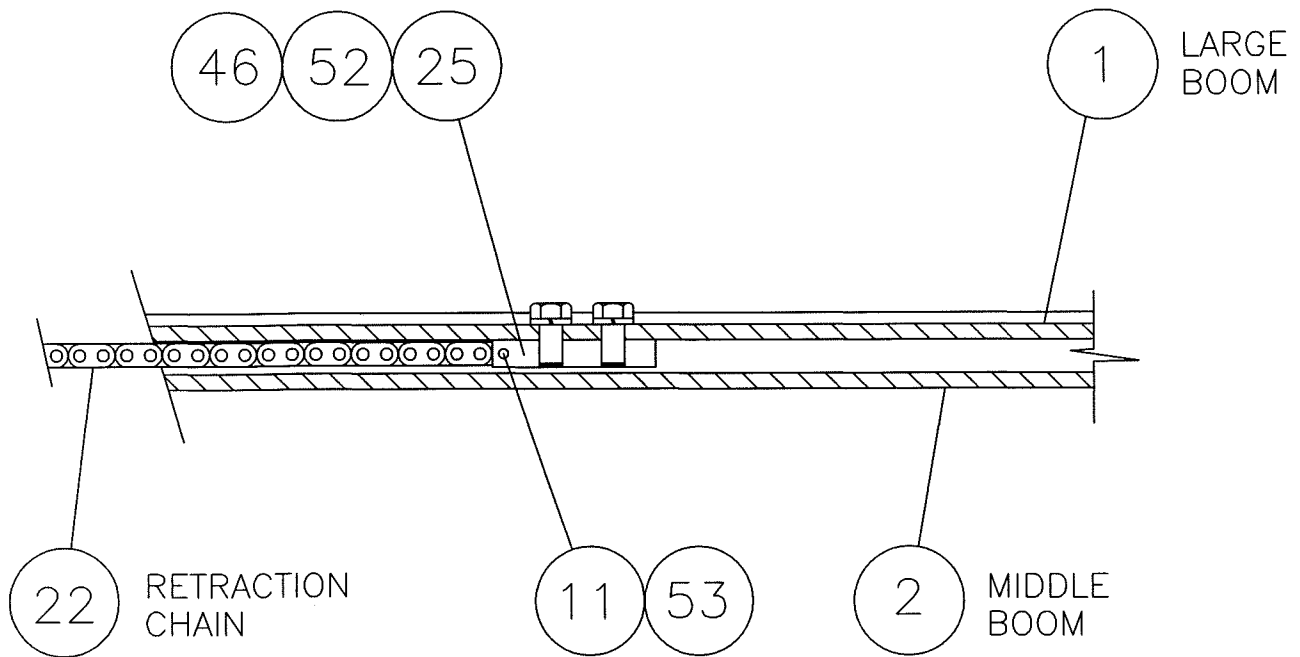


ITEM	NUMBER	DESCRIPTION	REQD
1	7-183-224	ENGINE ASSY / JD-4045TF270	1
2	7-345-113	PUMP / PISTON TYPE / 55cc	1
3	4-2056	MOUNT / ENGINE / FRONT	1
4	7-362-05	RADIATOR	1
5	7-158-72	RADIATOR HOSE / UPPER	1
6	7-158-73	RADIATOR HOSE / LOWER	1
7	4-2065	UPPER RADIATOR MOUNT	1
8	7-190-04	RUBBER MOUNT / CENTER 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

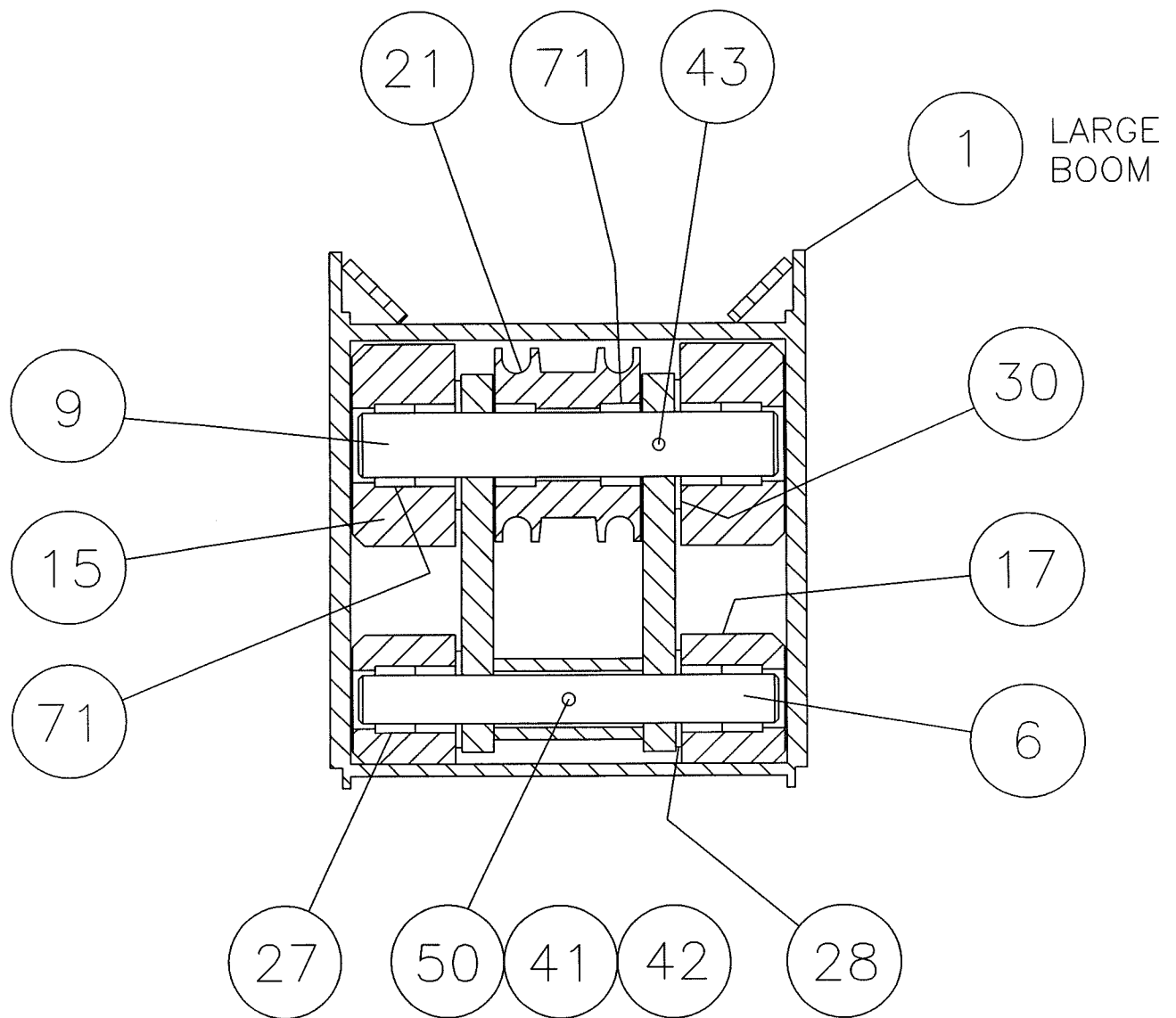




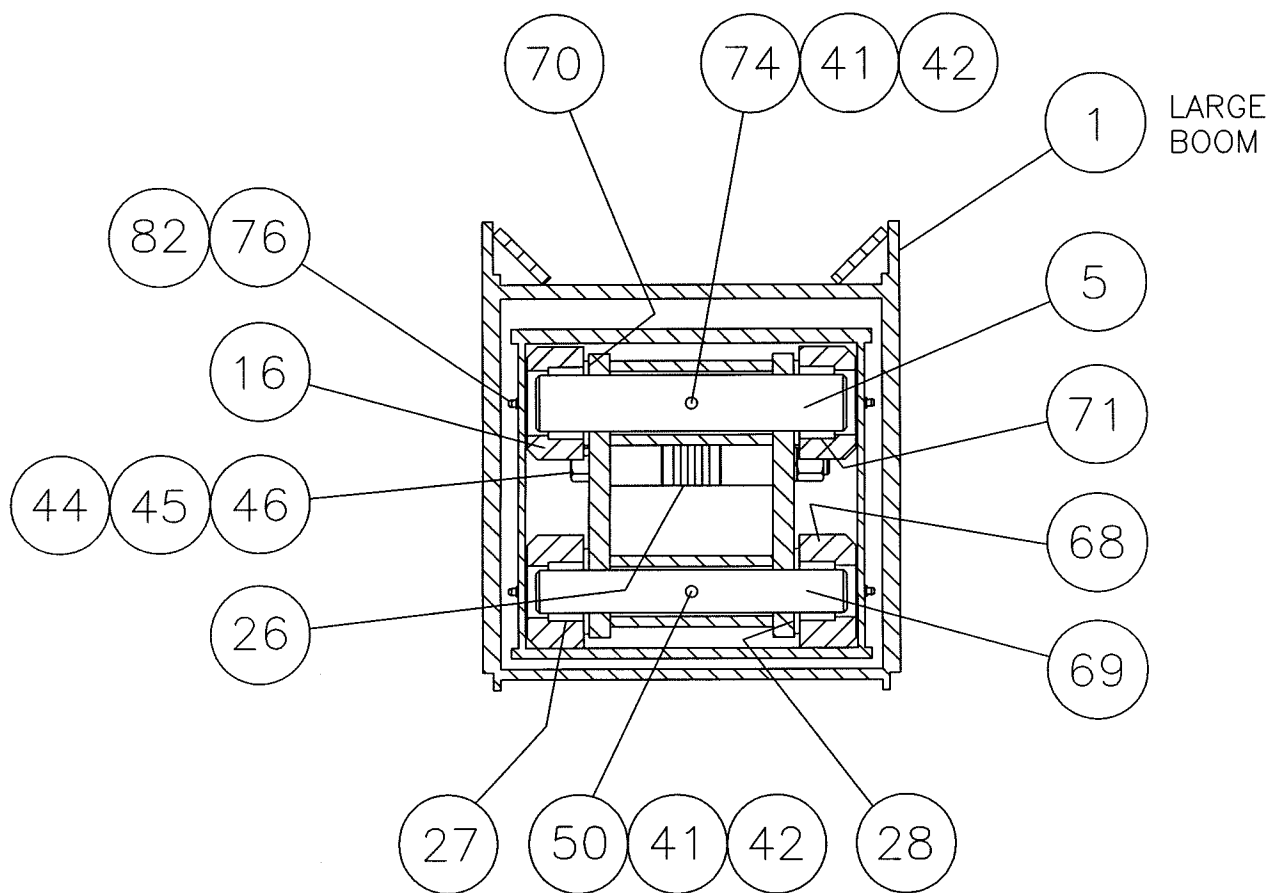
VIEW OF EXTENSION
CHAIN, ROLLER, & SPRING



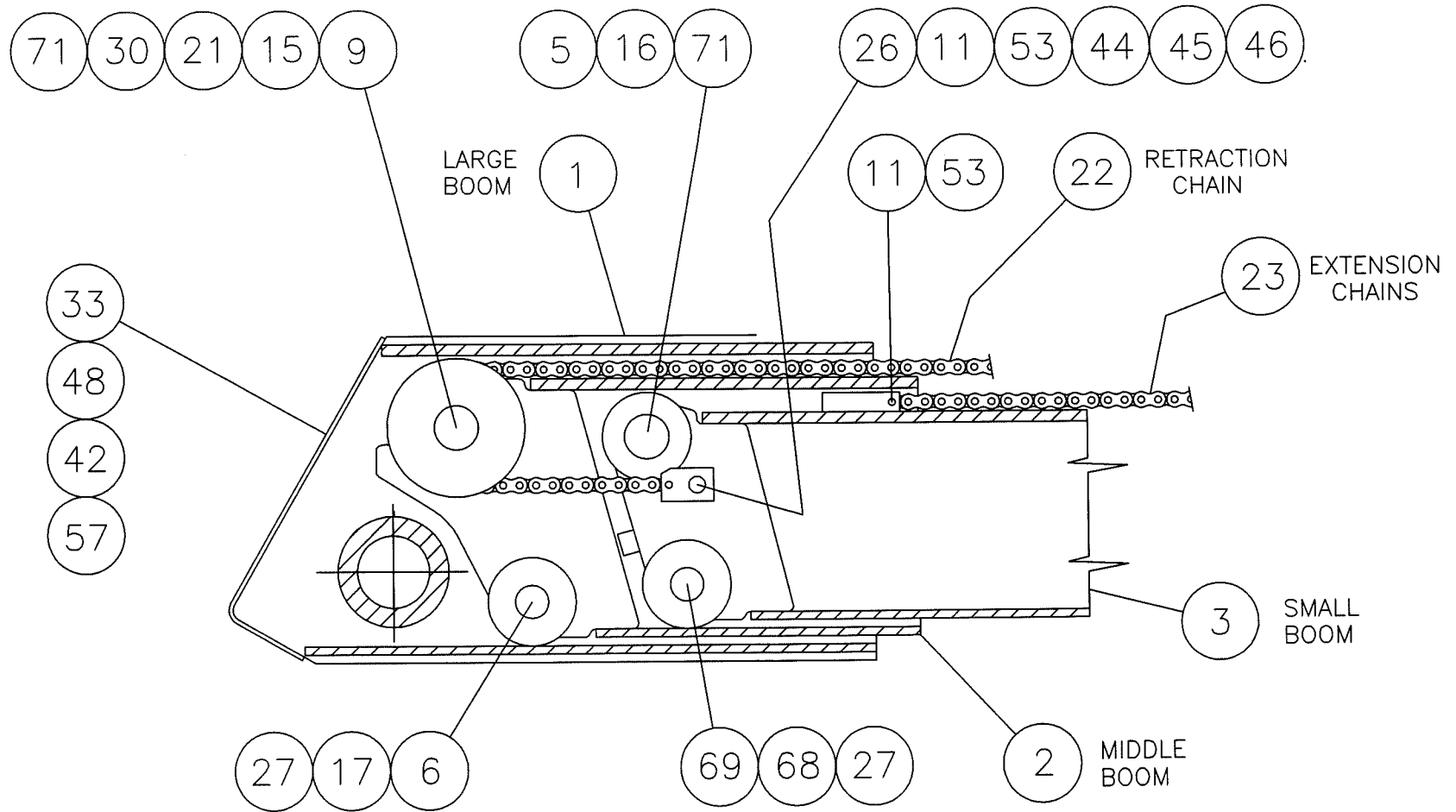
VIEW OF RETRACTION CHAIN
MOUNTED TO LARGE BOOM



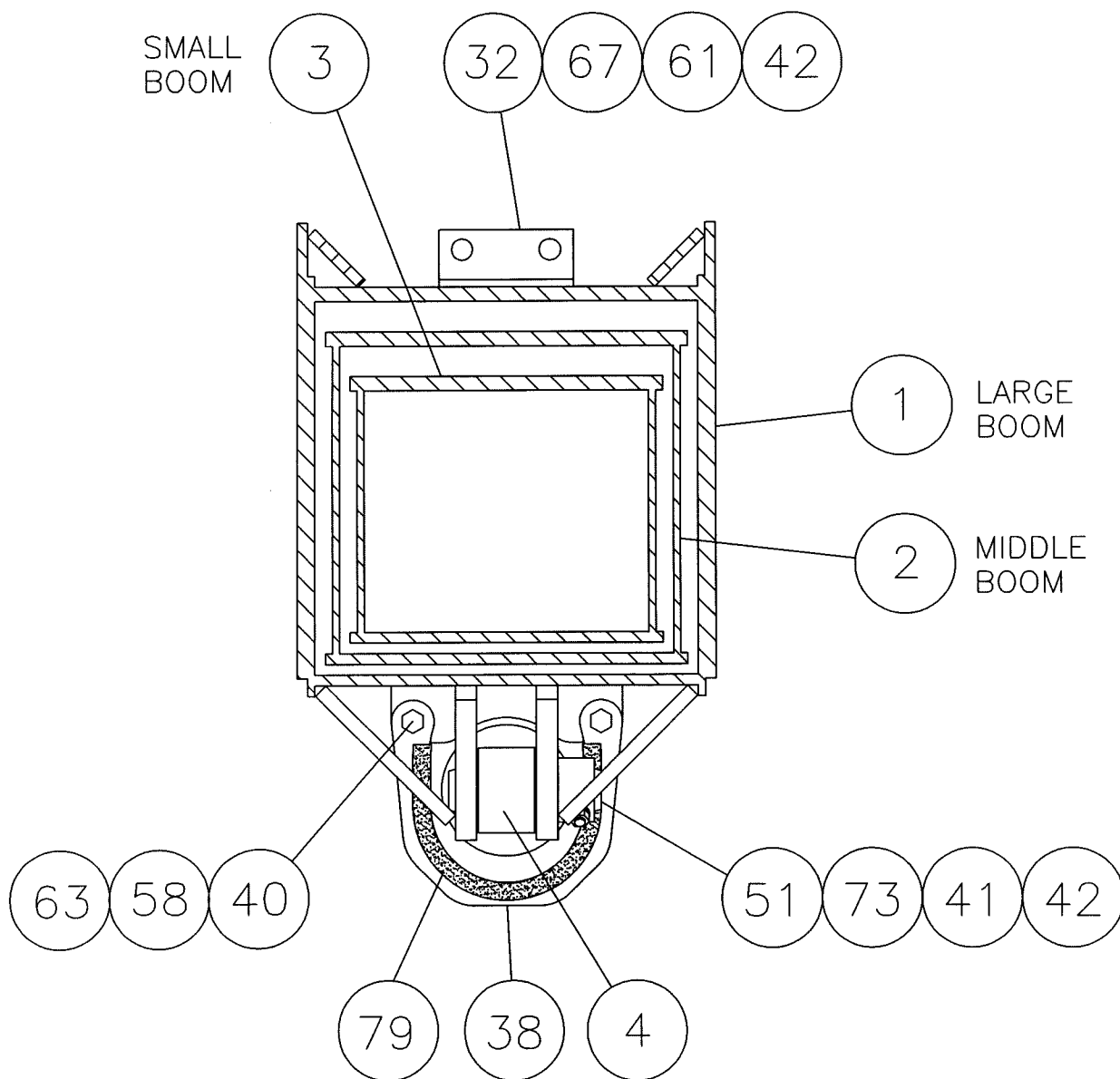
VIEW OF REAR ROLLERS
MOUNTED TO MIDDLE BOOM



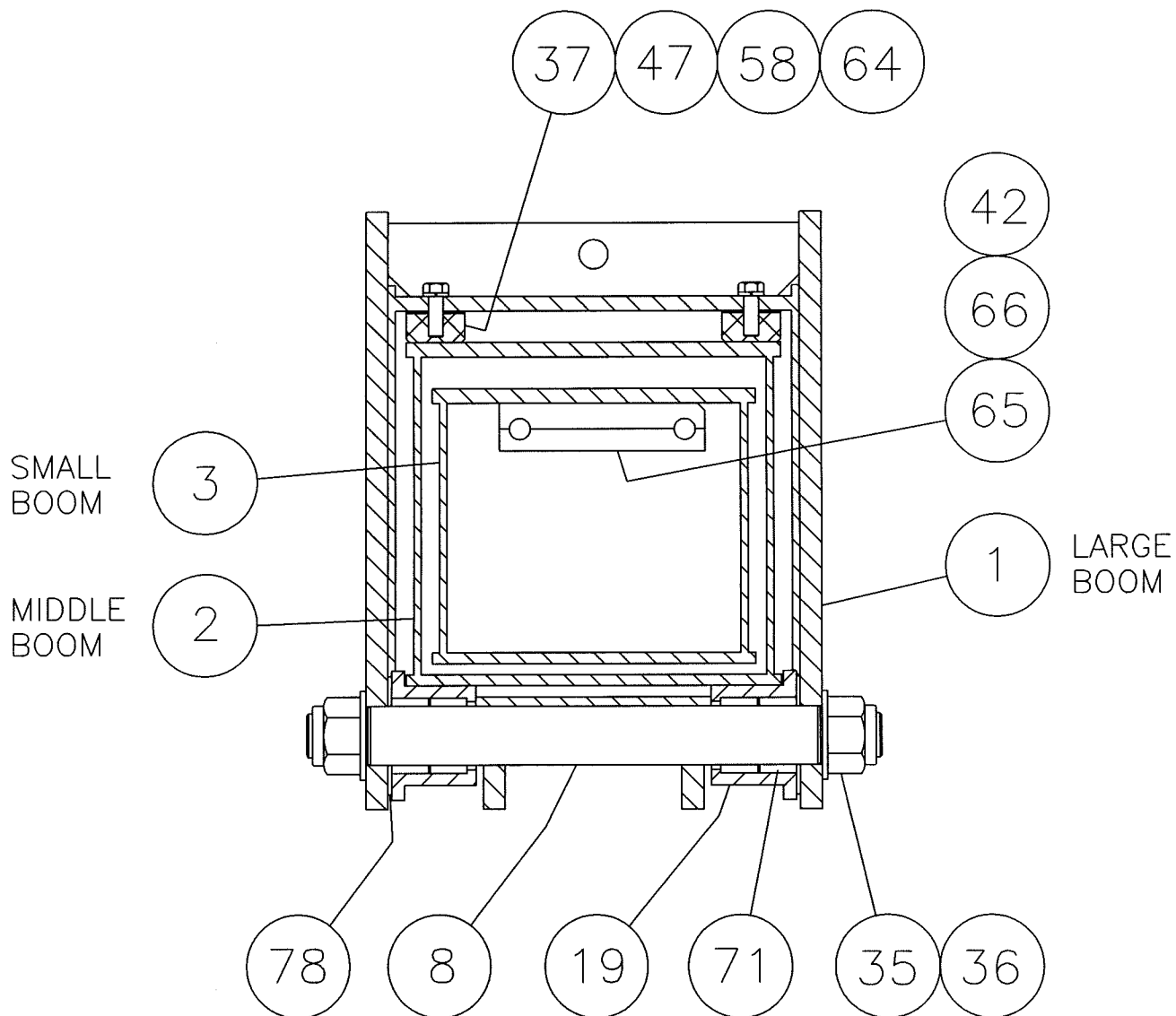
VIEW OF REAR ROLLERS
MOUNTED TO SMALL BOOM



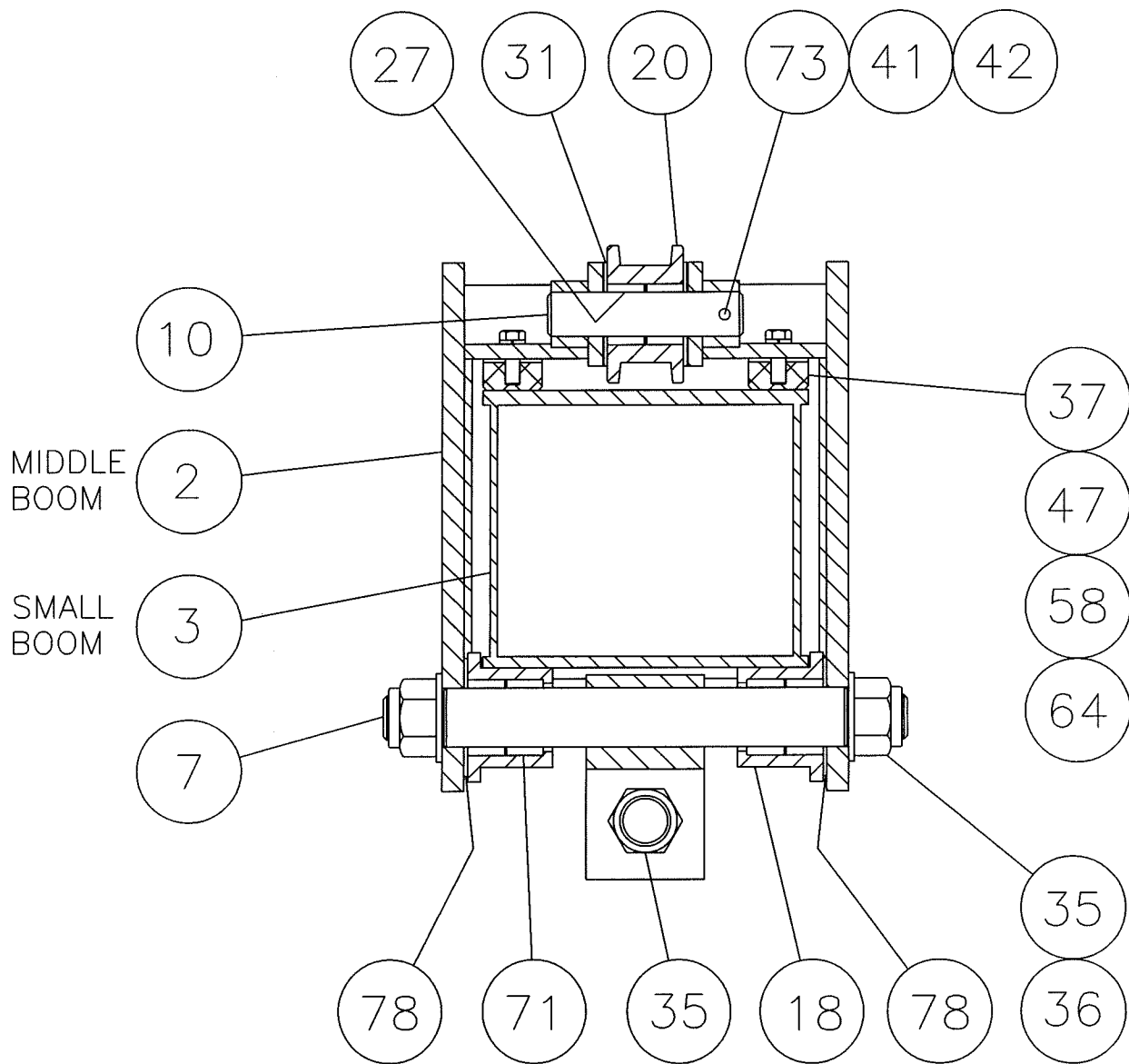
VIEW OF REAR ROLLERS
SMALL & MIDDLE BOOMS



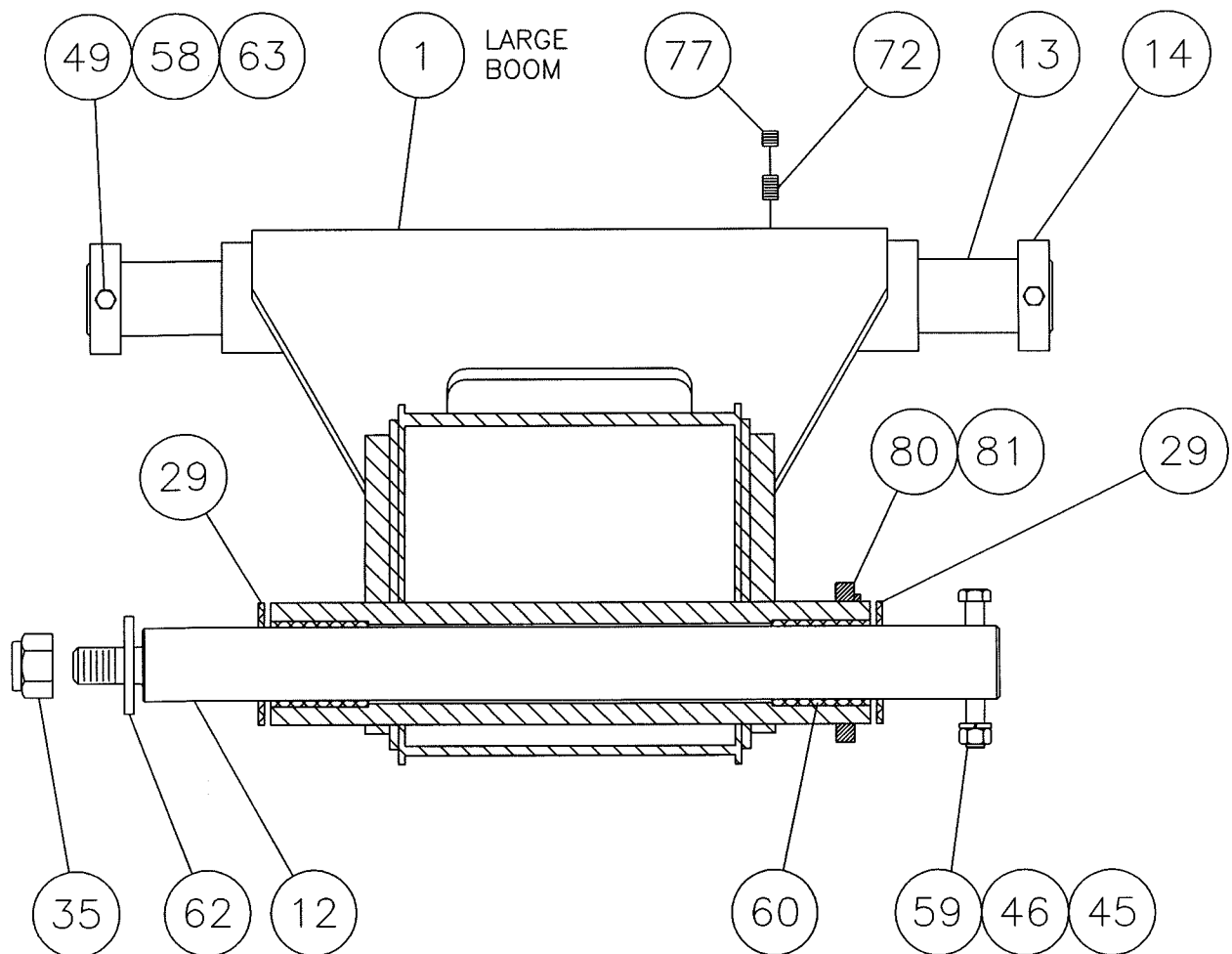
VIEW OF BOOM CYLINDER
BASE END & HEAD SUPPORT



VIEW OF FRONT ROLLERS
SUPPORTING MIDDLE BOOM



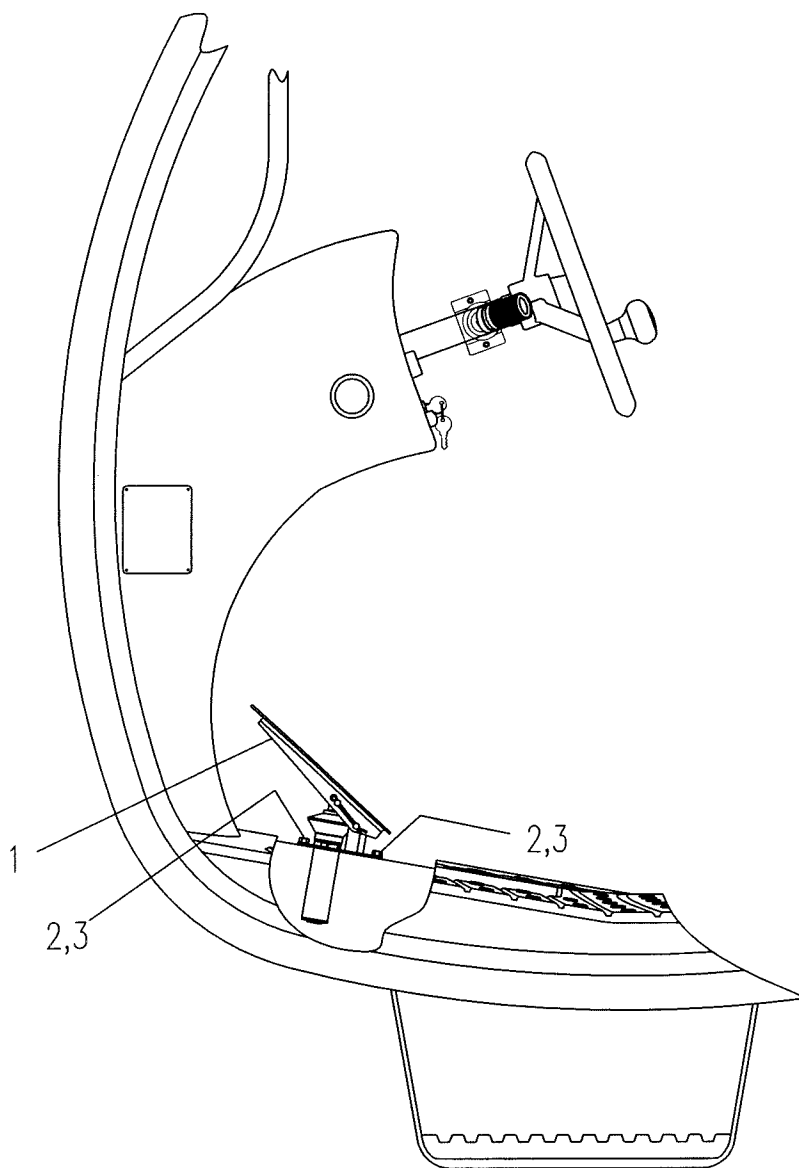
VIEW OF FRONT ROLLERS
SUPPORTING SMALL BOOM



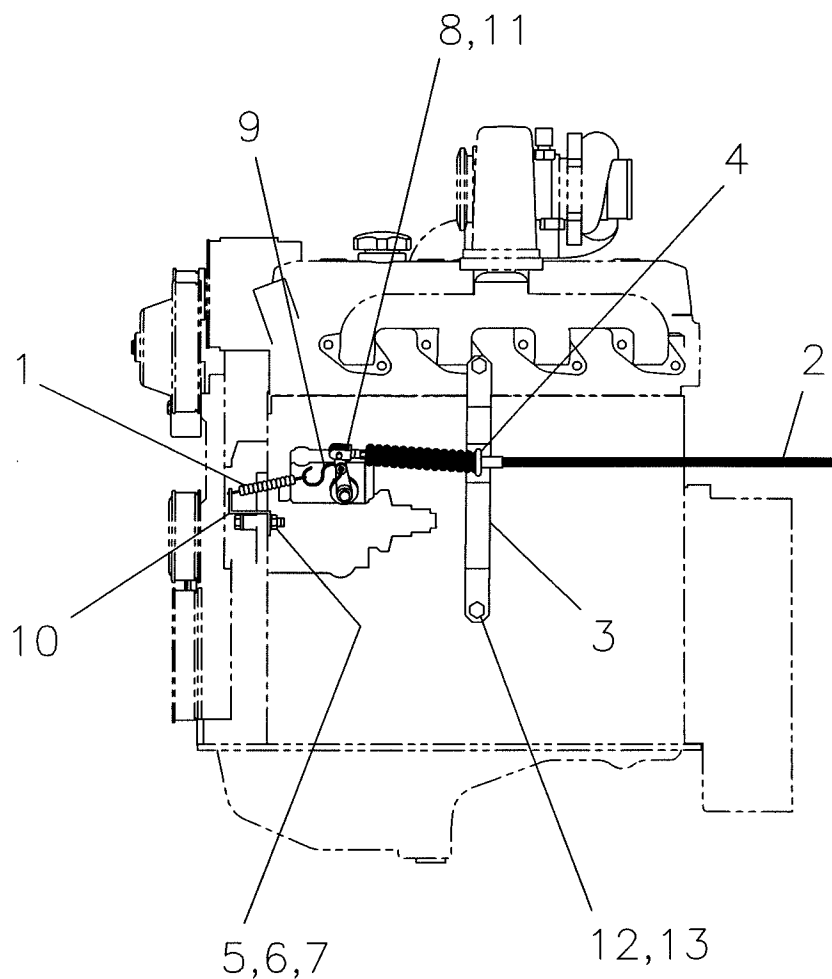
VIEW OF BOOM PIVOT PIN
& LIFT CYLINDER TOP SHAFT

ITEM	NUMBER	DESCRIPTION	REQD
1	4-2212	LARGE BOOM	1
2	4-2213	MIDDLE BOOM	1
3	4-1513	SMALL BOOM	1
4	7-316-211	BOOM CYLINDER	REF
5	4-1449-1	PIN / S-BOOM / REAR-TOP	1
6	4-1073-2	PIN / M-BOOM / REAR-BOT	1
7	4-1449-6	PIN / M-BOOM / FRONT-BOT	1
8	4-1073-6	PIN / L-BOOM / FRONT-BOT	1
9	4-1073-3	PIN / M-BOOM / REAR-TOP	1
10	3-1191-6	PIN / FRONT CHAIN SHEAVE	1
11	2-1052-3	PIN / LEAF CHAIN	4
12	3-1512	CROSS SHAFT / MAIN PIVOT	1
13	3-1092-3	CROSS SHAFT / HEAD LIFT CYLINDER	REF
14	6-2524-10	COLLAR	REF
15	4-1074-1B	ROLLER / M-BOOM / REAR-TOP	2
16	4-1475-1B	ROLLER / S-BOOM / REAR-TOP	2
17	4-1074-2B	ROLLER / M-BOOM / REAR-BOT	2
18	4-1475-2B	ROLLER / M-BOOM / FRONT-BOT	2
19	4-1475-2B	ROLLER / L-BOOM / FRONT-BOT	2
20	4-1246-4B	SHEAVE / CHAIN / FRONT	1
21	4-1074-8B	SHEAVE / HOSE	1
22	1-1013-4	LEAF CHAIN / RETRACTION	1
23	1-1013-3	LEAF CHAIN / EXTENSION	1
24	4-1237-1	CHAIN ANCHOR / ADJUSTABLE	1
25	4-1237-2	CHAIN ANCHOR / BOLT-ON	1
26	4-1237-4	CHAIN ANCHOR / PINNED	1
27	7-193-05	NEEDLE BEARING / 1.500 ID	REF
28	6-6600-02	THRUST WASHER 3.00 x 1.50 x .188	4
29	6-6600-14	THRUST WASHER 5.00 x 3.00 x .250	2
30	6-6600-05	THRUST WASHER 4.00 x 2.00 x .188	4
31	6-6600-12	THRUST WASHER 3.50 x 1.50 x .125	2
32	3-1244-1	MANIFOLD BLOCK	1
33	3-1396	COVER / REAR ACCESS	1
34	3-1280	GUARD / TILT VALVE	1
35	6-6206-24	SELF-LOCKING NUT 1 1/2 NF	6
36	6-6215-24	FLATWASHER 1 1/2	4
37	2-1184	WEAR PAD / BOOM	4
38	4-1713-1	SUPPORT / BOOM CYLINDER	1
39	6-4516-24	BRONZE BUSHING / SMALL BOOM	REF
40	6-5208-14	CAPSCREW 1/2 NC x 1 3/4 LG.	2
41	6-6201-06	HEX NUT 3/8 NC	4
42	6-6211-06	LOCKWASHER 3/8	14
43	6-6275-04	SETSCREW 3/8 NC x 3/4 LG.	2
44	6-5312-68	CAPSCREW 3/4 NF x 8 1/2 LG.	1
45	6-6202-12	HEX NUT 3/4 NF	2
46	6-6211-12	LOCKWASHER 3/4	4
47	6-5208-10	CAPSCREW 1/2 NC x 1 1/4 LG.	8
48	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	6
49	6-5208-44	CAPSCREW 1/2 NC x 5 1/2 LG.	REF
50	6-5206-24	CAPSCREW 3/8 NC x 3 LG.	2

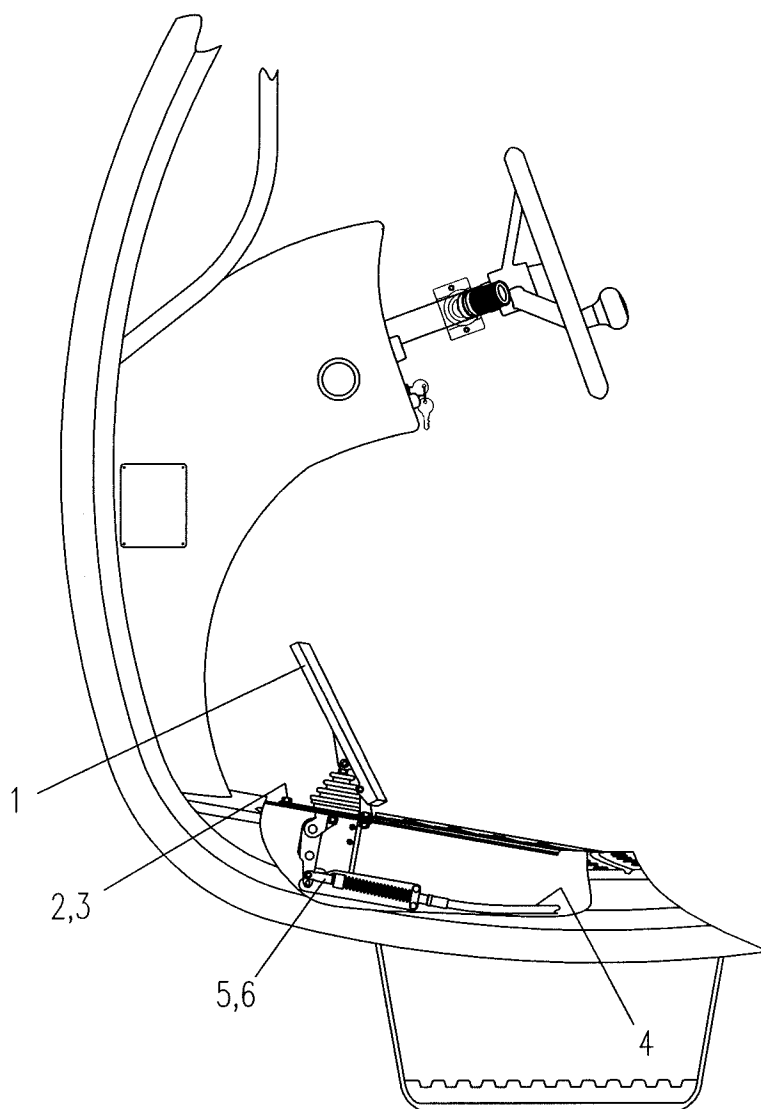
ITEM	NUMBER	DESCRIPTION	REQD
51	2-1090	PIN / BASE BOOM CYLINDER	REF
52	6-5312-12	CAPSCREW 3/4 NF x 1 1/2 LG.	2
53	6-6243-06	COTTER PIN 3/32 x 3/4 LG.	8
54	7-142-01	SELF-LOCKING NUT 1-12 THD.	1
55	7-194-01	SPRING / COMPRESSION	1
56	6-6215-16	FLATWASHER 1.0	1
57	6-6212-06	FLATWASHER 3/8	6
58	6-6211-08	LOCKWASHER 1/2	10
59	6-5312-48	CAPSCREW 3/4 NF x 6 LG.	1
60	6-4524-32	BRONZE BUSHING / LARGE BOOM	REF
61	6-5206-20	CAPSCREW 3/8 NC x 2 1/2 LG.	2
62	1-1306	WASHER / STEEL	1
63	6-6201-08	HEX NUT 1/2 NC	2
64	1-1101-3	SHIM / 3/16	4
65	2-1109	CLAMP / 1/2 HOSE	1
66	6-5206-18	CAPSCREW 3/8 NC x 2 1/4 LG.	2
67	3-1244-2	SPACER / MANIFOLD BLOCK	1
68	4-1074-3B	ROLLER / S-BOOM / REAR-BOT	2
69	4-1073-1	PIN / S-BOOM / REAR-BOT	1
70	6-6600-03	THRUST WASHER 3.00 x 2.00 x .188	2
71	7-193-07	NEEDLE BEARING / 2.000 ID	REF
72	6-6275-05	SETSCREW 5/8 NC x 1 LG.	1
73	6-5206-22	CAPSCREW 3/8 NC x 2 3/4 LG.	1
74	6-5206-28	CAPSCREW 3/8 NC x 3 1/2 LG.	1
75	6-6301	LUBE FITTING 1/8 NPT STR	4
76	6-6306	LUBE FITTING 1/4-28 STR	8
77	6-6275-07	SETSCREW 5/8 NC x 5/8 LG.	1
78	6-6600-06	THRUST WASHER 4.00 x 2.00 x .125	2
79	7-277-01	EDGING 1/2 x 14 LG.	14
80	3-1404	SWITCH ACTIVATOR	1
81	6-6275-04	SETSCREW 3/8 NC x 3/4 LG.	3
82	6-6275-06	SETSCREW 1/4 NF x 1/4 LG.	4



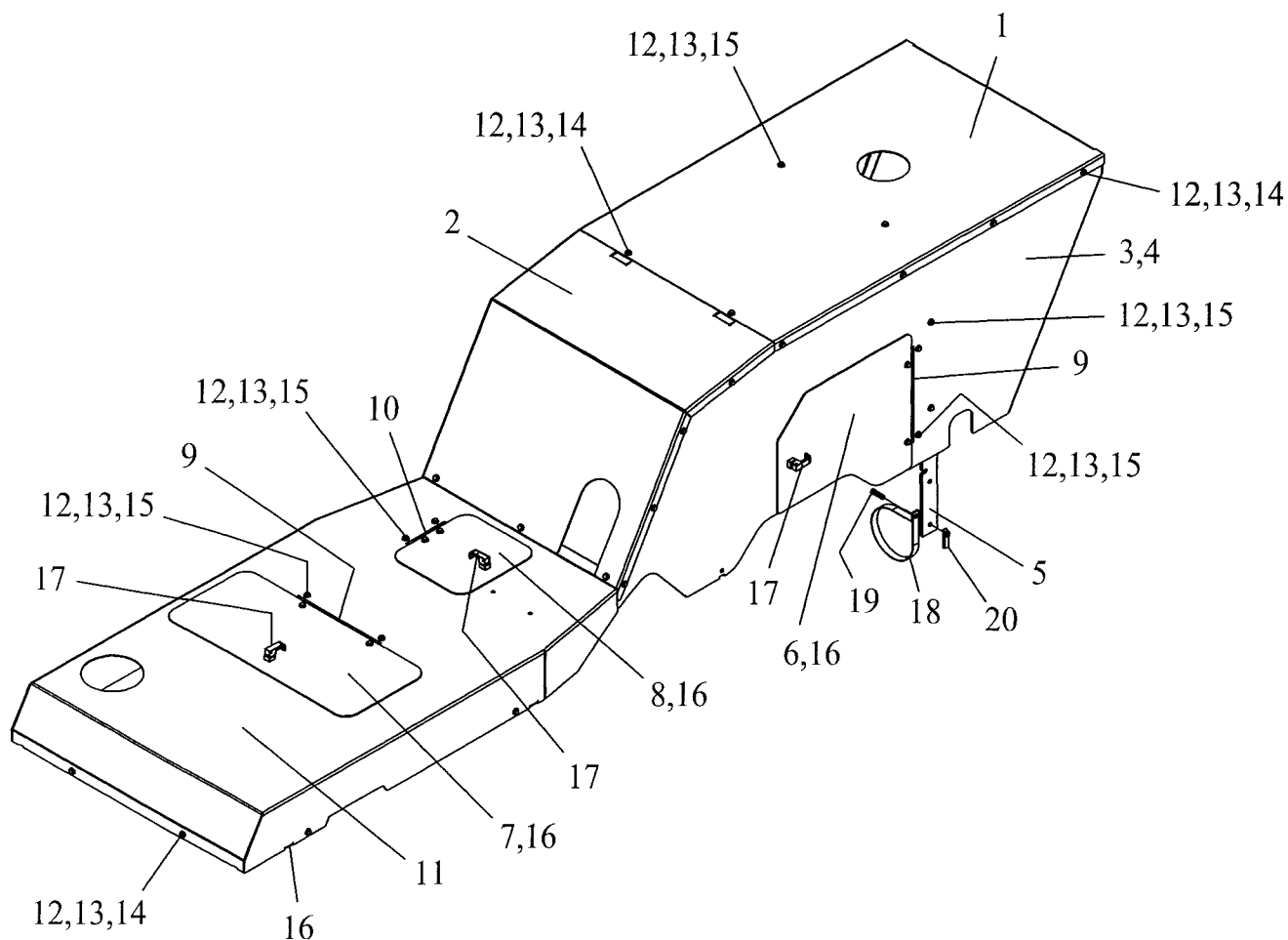
ITEM	NUMBER	DESCRIPTION	REQD
1	7-186-01	ACTUATOR / FOOT BRAKE PEDAL	REF
2	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	4
3	6-6211-04	LOCKWASHER 1/4	4



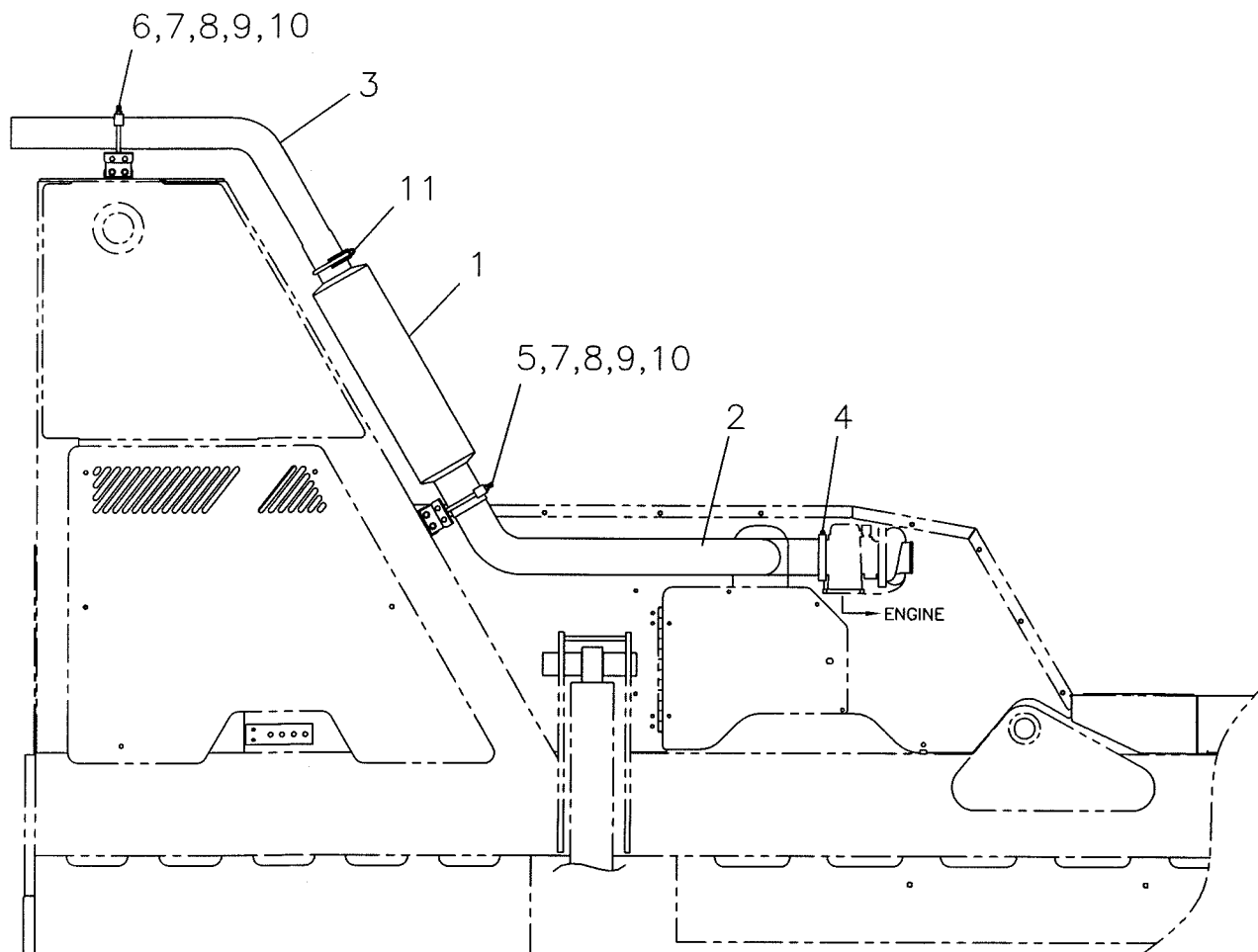
ITEM	NUMBER	DESCRIPTION	REQD
1	7-194-20	SPRING / RETURN	1
2	7-183-240	CABLE / ACCELERATOR	REF
3	3-1213	MOUNT / ACCELERATOR CABLE	1
4	7-194-07	U-BOLT W/ NUTS	1
5	6-8108-55	CAPSCREW 8 mm x 1.25 x 55 mm LG.	1
6	6-9111-08	LOCKWASHER 8 mm	1
7	6-9101-08	HEX NUT 8 mm	1
8	7-194-05	YOKE W/ CLEVIS PIN & COTTER 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



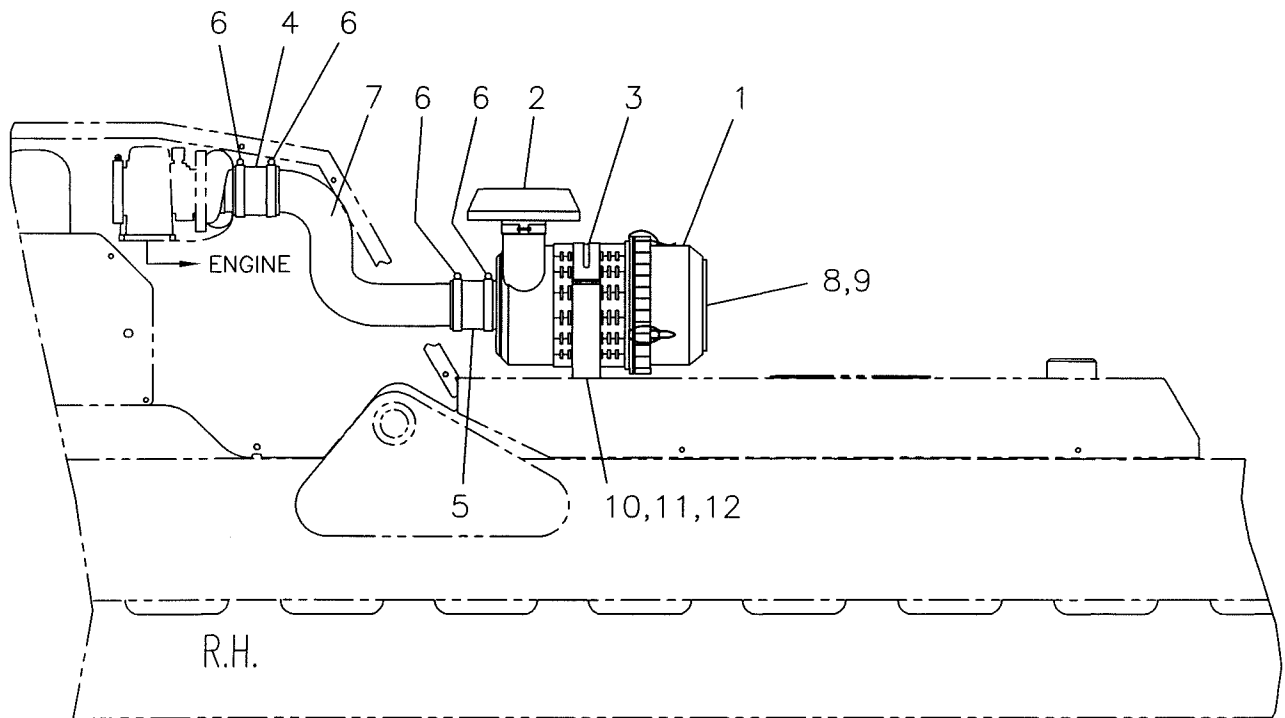
ITEM	NUMBER	DESCRIPTION	REQD
1	7-120-11	PEDAL / ACCELERATOR	1
2	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	3
3	6-6211-04	LOCKWASHER 1/4	3
4	7-183-240	CABLE / ACCELERATOR	1
5	7-194-05	YOKE w/ CLEVIS PIN & COTTER PIN	1
6	6-6208-04	JAM NUT 1/4-28 (w/ CABLE)	REF



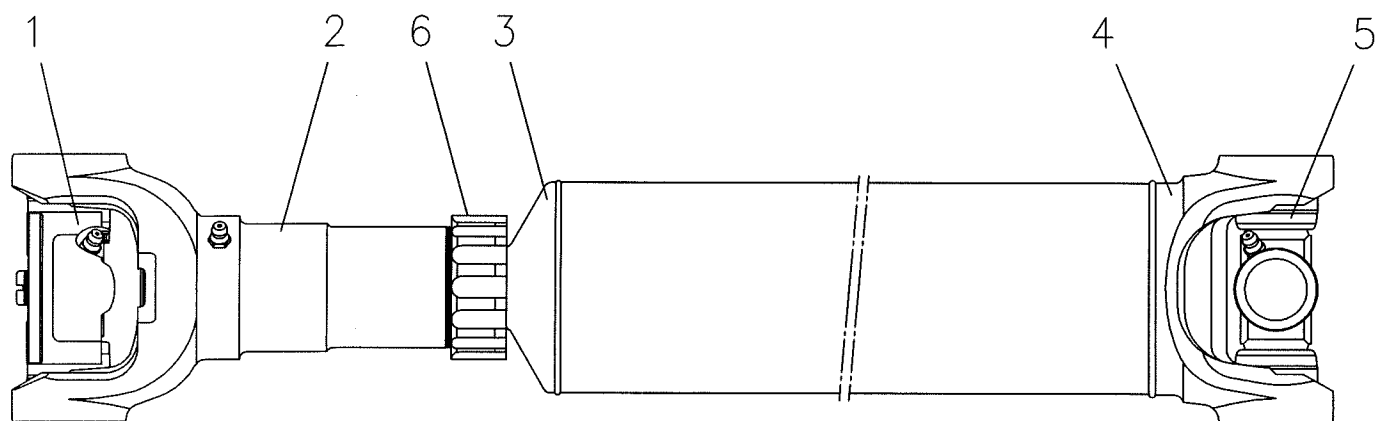
ITEM	NUMBER	DESCRIPTION	REQD
1	5-2001-1	COVER / TOP ENGINE	1
2	5-2001-2	COVER / MIDDLE ENGINE	1
3	5-2001-3	COVER / LH ENGINE	1
4	5-2001-4	COVER / RH ENGINE	1
5	5-2001-5	FORMING / ENGINE COVER SUPPORT	1
6	5-2001-7	COVER / ENGINE ACCESS / RH & LH	2
7	5-2001-8	COVER / BATTERY ACCESS	1
8	5-2001-9	COVER / ENGINE ACCESS	1
9	5-2001-10	HINGE / BATTERY & SIDE COVERS	3
10	5-2001-11	HINGE / ACCESS COVER	1
11	5-2001-12	COVER / FRONT ENGINE	1
12	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	51
13	6-6212-04	FLATWASHER 1/4	51
14	7-173-04	SPRING CLIP 1/4 NC	29
15	6-6205-04	SELF-LOCKING NUT 1/4 NC	22
16	7-199-01	BUMPER / SNAP-IN	14
17	7-195-01	LATCH / COMPRESSION / SMALL	4
18	7-173-11	LOOP CLAMP / COATED / # 44	2
19	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	2
20	7-173-06	SPRING CLIP 3/8 NC	2



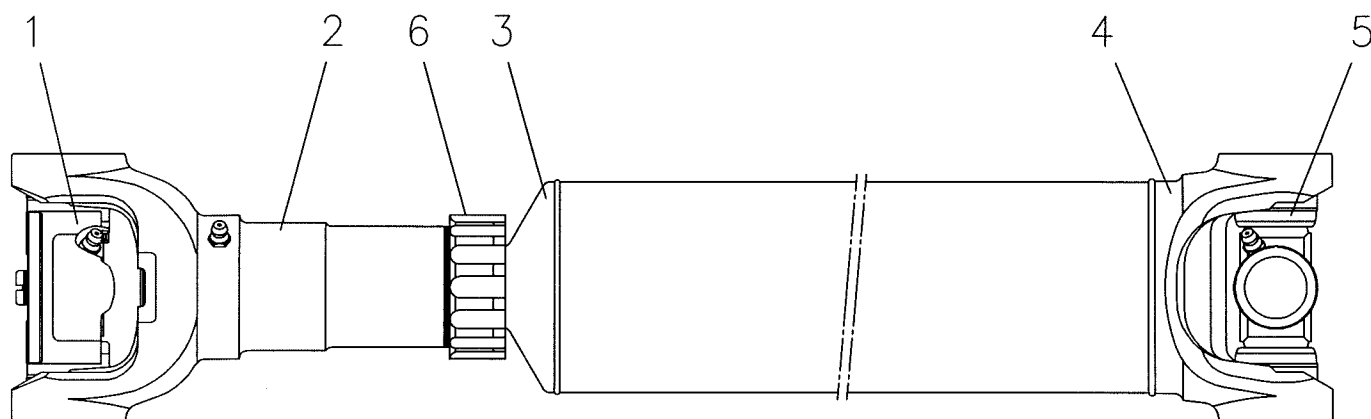
ITEM	NUMBER	DESCRIPTION	REQD
1	7-282-05	MUFFLER	1
2	5-2005	EXHAUST PIPE	1
3	3-1349	TAILPIPE	1
4	7-183-98	CLAMP / V-FLANGE (w/ ENGINE)	REF
5	2-1166	CLAMP BRACKET / 3 1/2 IN.	1
6	2-1168	CLAMP BRACKET / 3 IN.	1
7	1-1173	FLEX JOINT / EXHAUST	2
8	6-5204-08	CAPSCREW 1/4 NC x 1 LG.	8
9	6-6212-04	FLATWASHER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



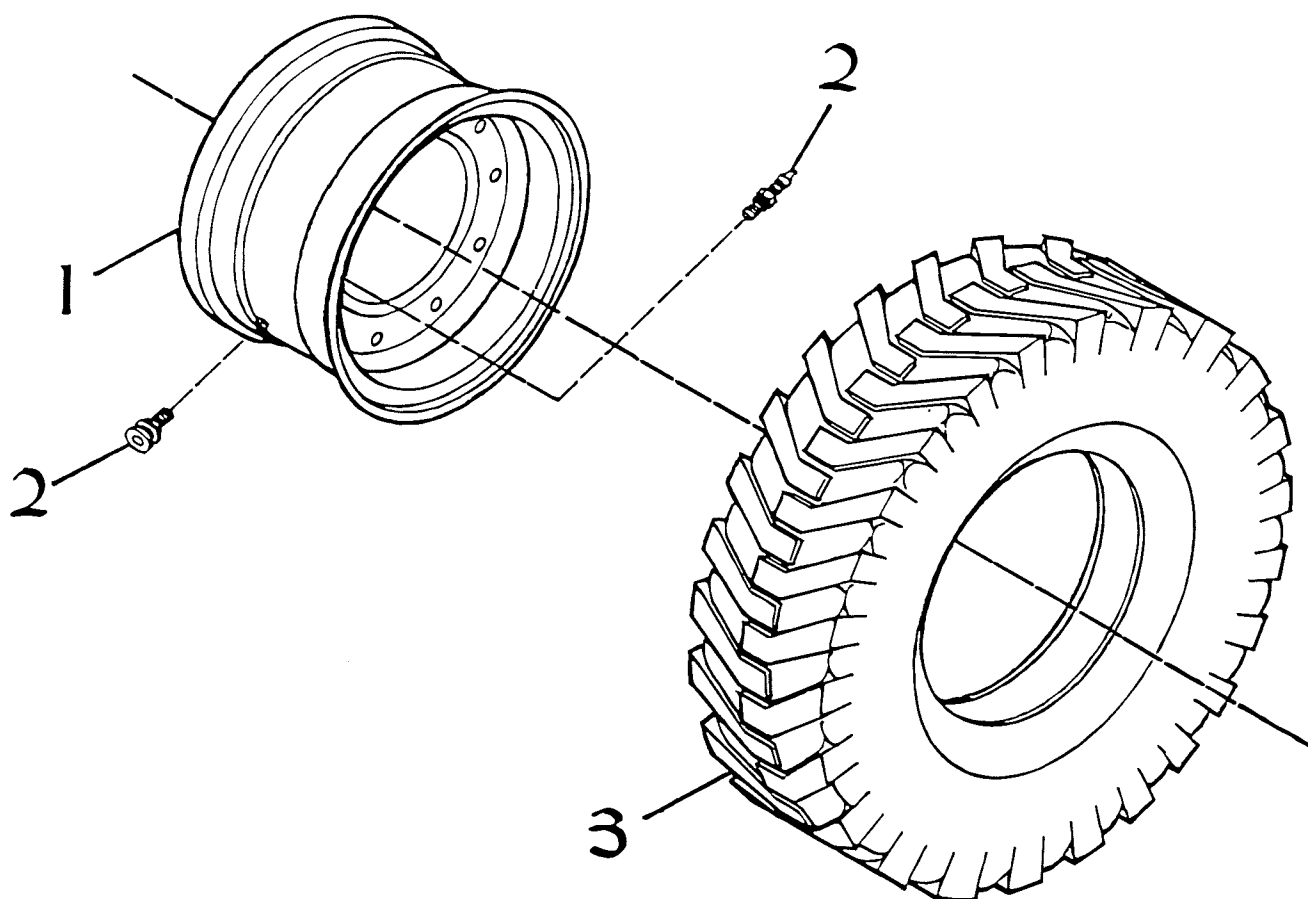
ITEM	NUMBER	DESCRIPTION	REQD
1	7-109-16	AIR CLEANER ASSEMBLY	1
2	7-109-02	HOOD	1
3	7-109-03	MOUNTING BAND	1
4	7-158-74	RUBBER HOSE 3 I.D. (PER INCH)	4
5	7-158-74	RUBBER HOSE 3 I.D. (PER INCH)	4
6	6-6252-13	CLAMP / WORM / 3 IN.	4
7	5-2006	AIR INLET PIPE	1
8	7-109-04	FILTER / PRIMARY	REF
9	7-109-14	FILTER / SAFETY	1
10	6-5205-10	CAPSCREW 5/16 NC x 1 1/4 LG.	2
11	6-6212-05	FLATWASHER 5/16	2
12	6-6205-05	SELF-LOCKING NUT 5/16 NC	2



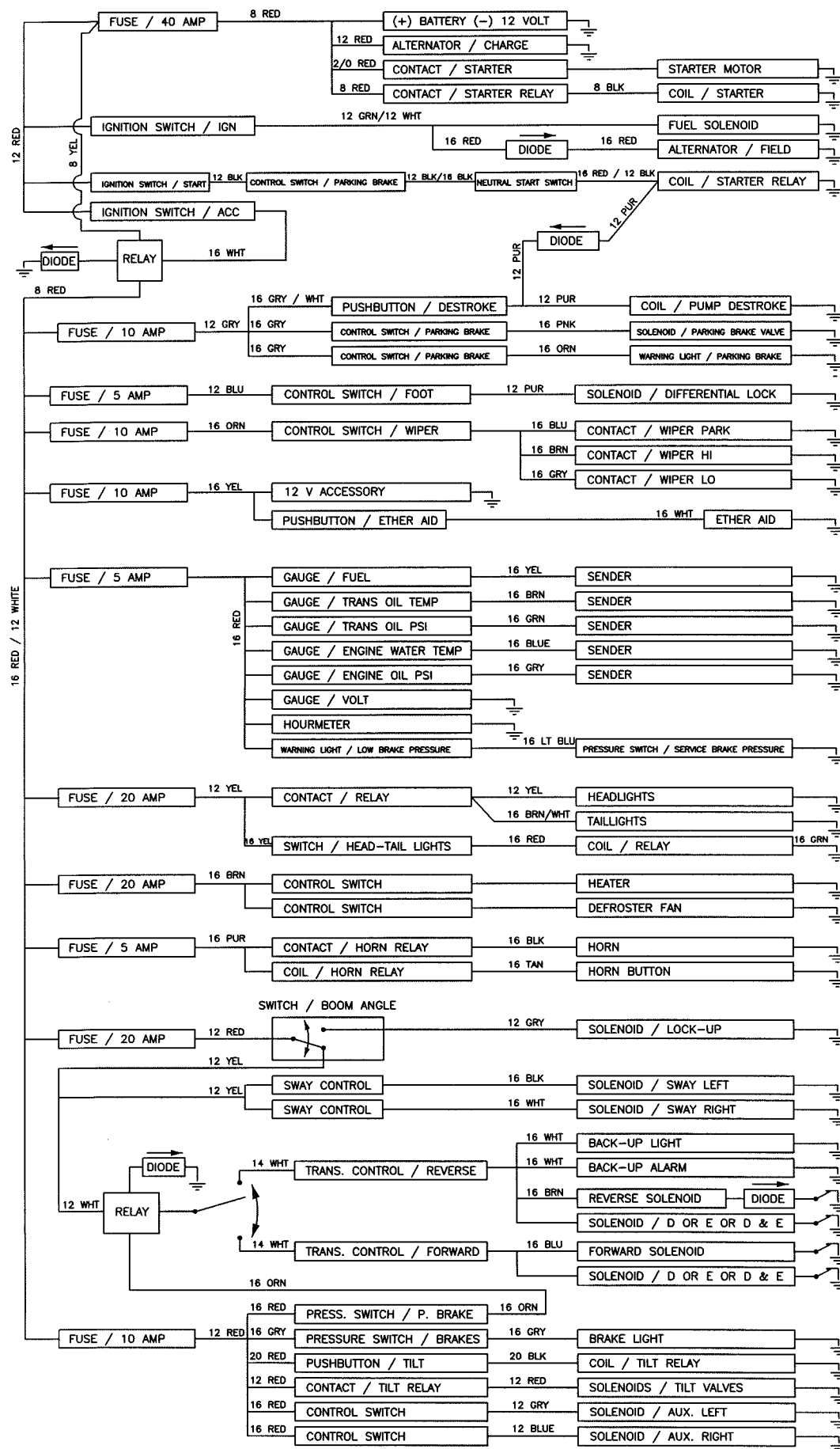
ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-897	CROSS & BEARING ASSEMBLY	1
2	7-229-898	SLIP YOKE	1
3	7-229-899	SLIP STUB	1
4	7-229-900	WELD YOKE	1
5	7-229-901	CROSS & BEARING ASSEMBLY	1
6	7-229-902	DUST CAP & SEAL KIT	1
7	7-229-889	DRIVESHAFT ASSY (INCL. ITEMS 1-6)	REF

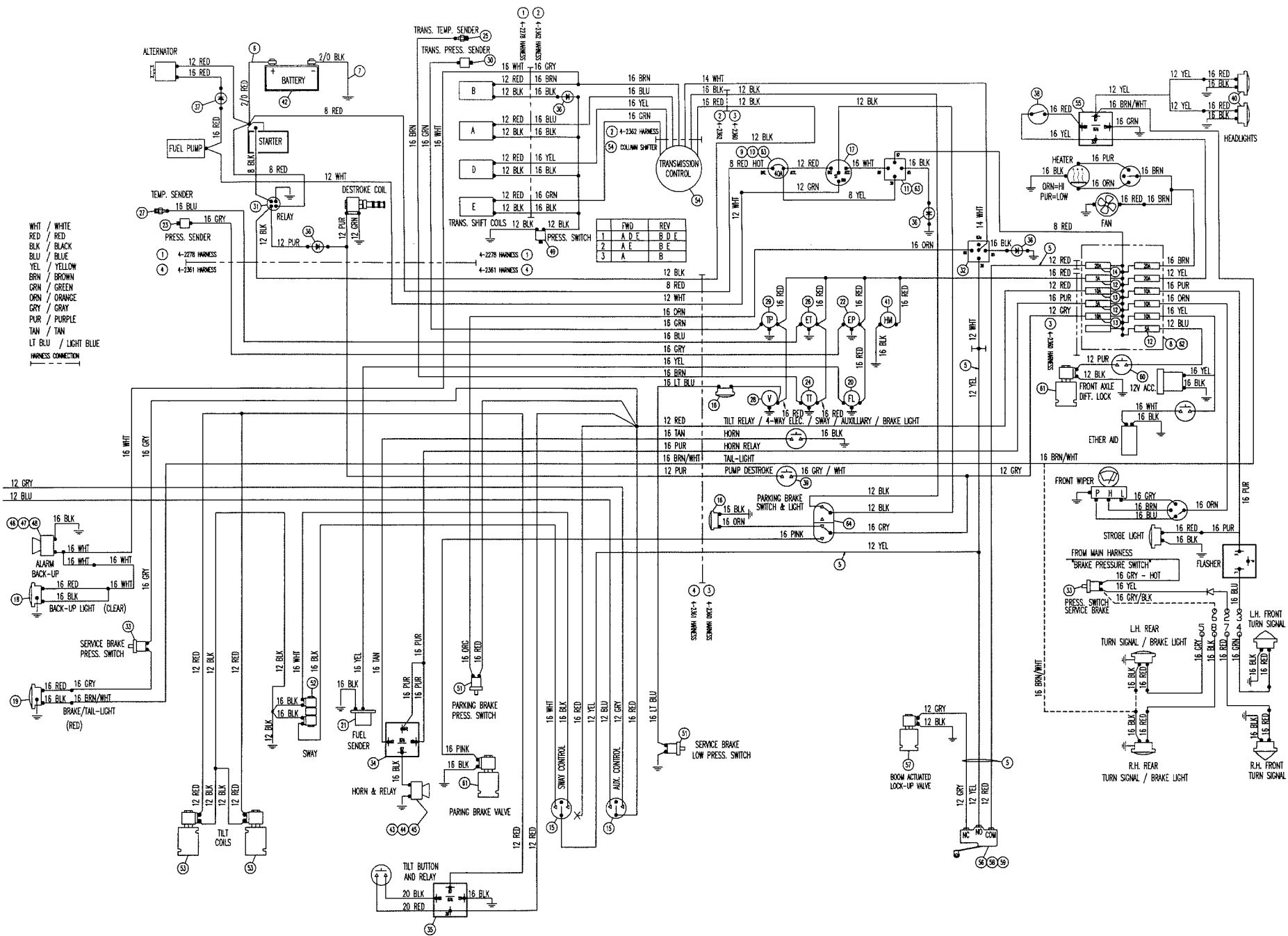


ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-897	CROSS & BEARING ASSEMBLY	1
2	7-229-898	SLIP YOKE	1
3	7-229-899	SLIP STUB	1
4	7-229-900	WELD YOKE	1
5	7-229-901	CROSS & BEARING ASSEMBLY	1
6	7-229-902	DUST CAP & SEAL KIT	1
7	7-229-888	DRIVESHAFT ASSY (INCL. ITEMS 1-6)	REF



ITEM	NUMBER	DESCRIPTION	REQD
1	7-166-05	WHEEL	1
2	7-286-01	VALVE STEM / AIR-CHLORIDE-FOAM	1
3	7-166-06	TIRE / 13.00 x 24	1
4	7-166-07	TIRE & WHEEL ASSY / RH	REF
5	7-166-08	TIRE & WHEEL ASSY / LH	REF

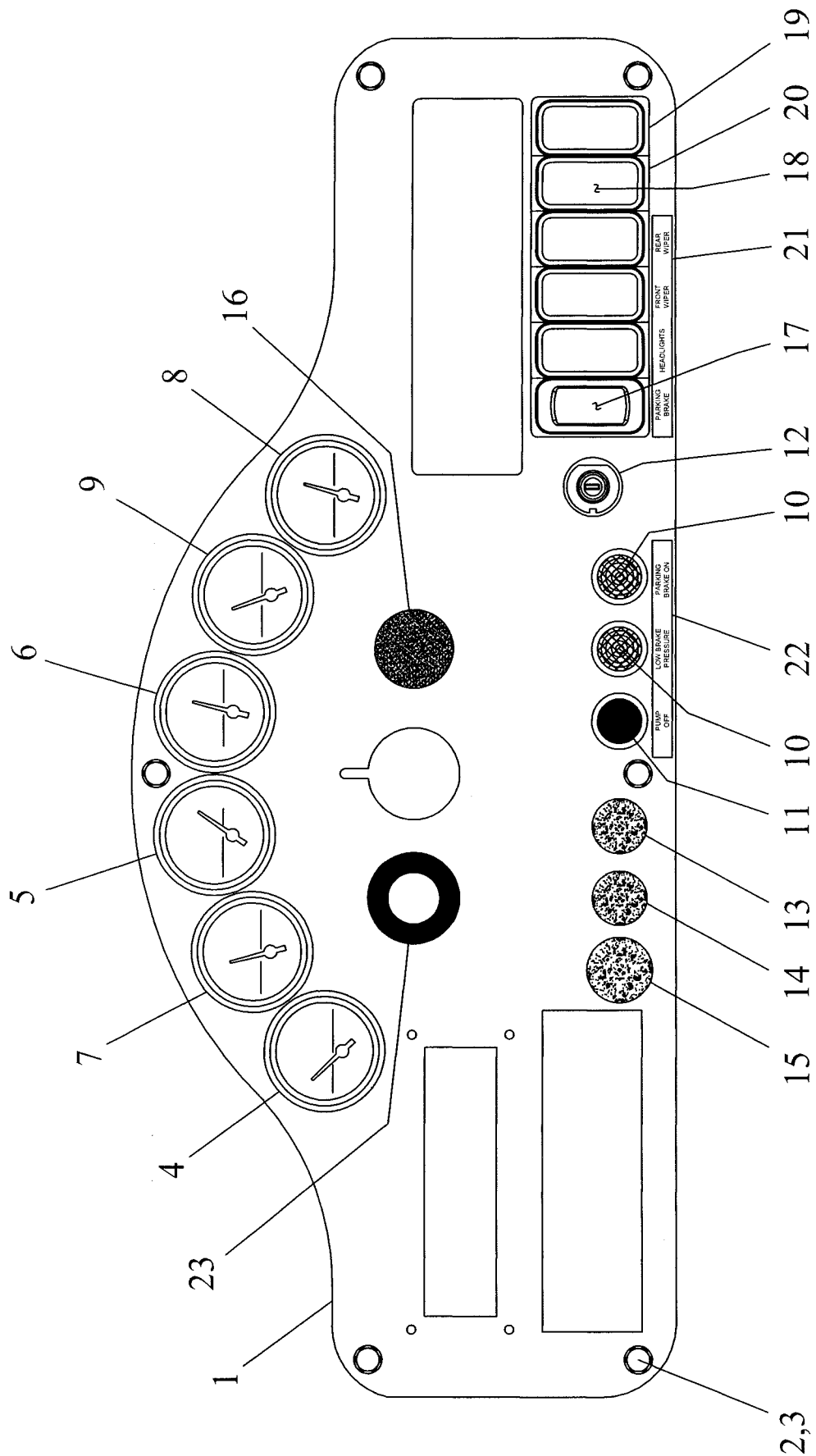




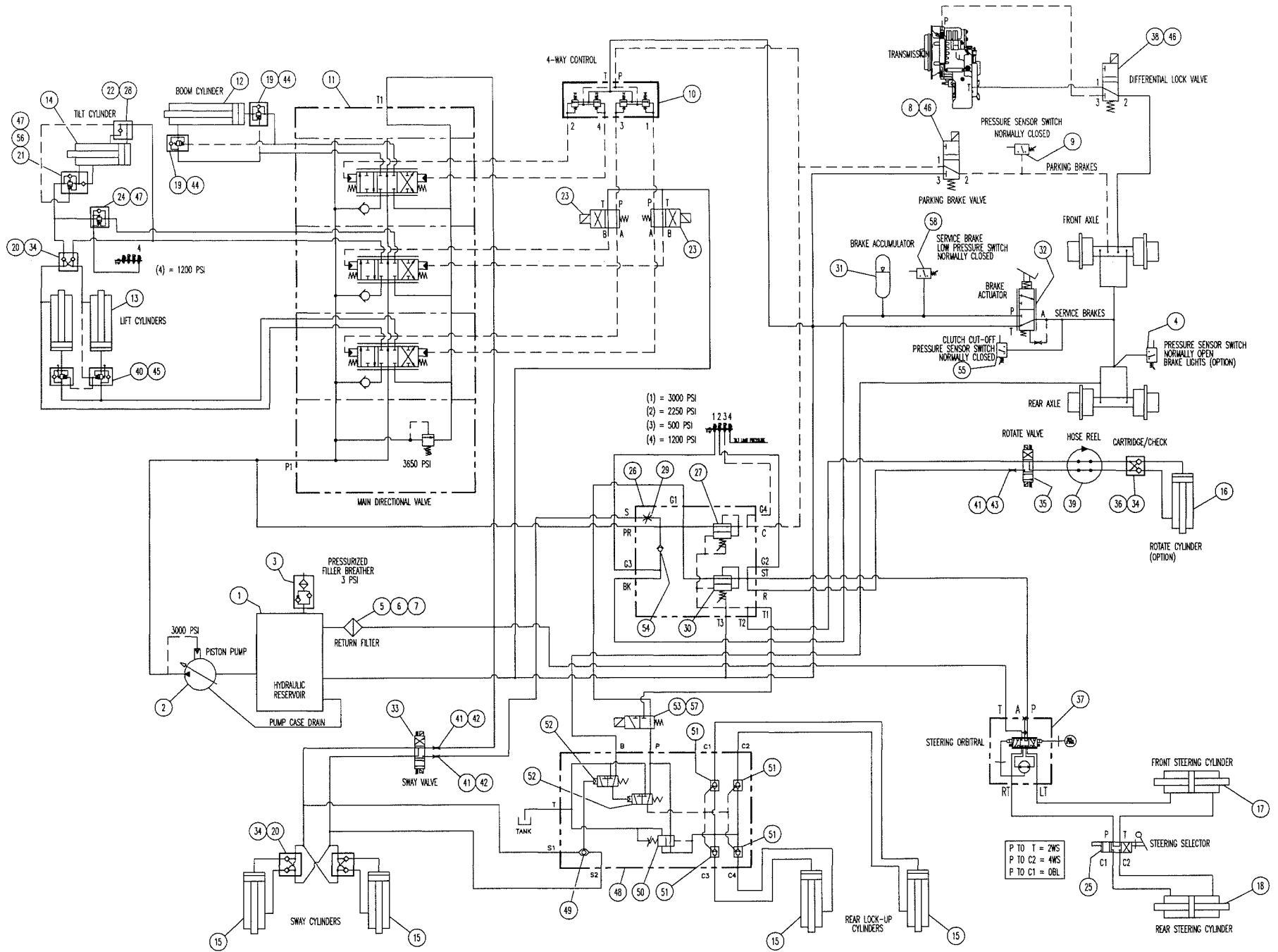
ITEM	NUMBER	DESCRIPTION	REQD
1	4-2278	HARNESS / ENGINE & TRANS.	1
2	4-2362	HARNESS / COLUMN MOUNTED SHIFTER	1
3	4-2360	HARNESS / INSTRUMENT PANEL	1
4	4-2361	HARNESS / MAIN POWER	1
5	4-2363	HARNESS / REAR LOCK-UP	1
6	6-7801-132B	BATTERY CABLE / RED	REF
7	6-7802-88B	BATTERY CABLE / BLACK	REF
8	7-269-135	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	7-187-02	GAGE / FUEL	REF
21	7-187-03	SENDER / FUEL	1
22	7-187-04	GAGE / ENGINE OIL PRESSURE	REF
23	7-187-05	SENDER / ENGINE OIL PRESSURE	REF
24	7-187-06	GAGE / TRANSMISSION OIL TEMP.	REF
25	7-187-01	SENDER / TRANSMISSION OIL TEMP.	REF
26	7-187-08	GAGE / ENGINE WATER TEMP.	REF
27	7-187-09	SENDER / ENGINE WATER TEMP.	REF
28	7-187-10	GAGE / VOLTMETER	REF
29	7-187-11	GAGE / TRANSMISSION OIL PRESSURE	REF
30	7-187-12	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	HOURLMETER	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	7-213-05	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	7-303-03	PRESSURE SWITCH / CLUTCH CUT-OFF	REF
50	7-367-02	VALVE / PARKING BRAKE	REF
51	7-303-02	PRESSURE SWITCH / PARKING BRAKE	REF
52	7-244-31	VALVE / ELECTRIC 4-WAY / SWAY	REF

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	REF
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	7-303-04	PRESSURE SWITCH / LOW BRAKE PRESSURE	REF

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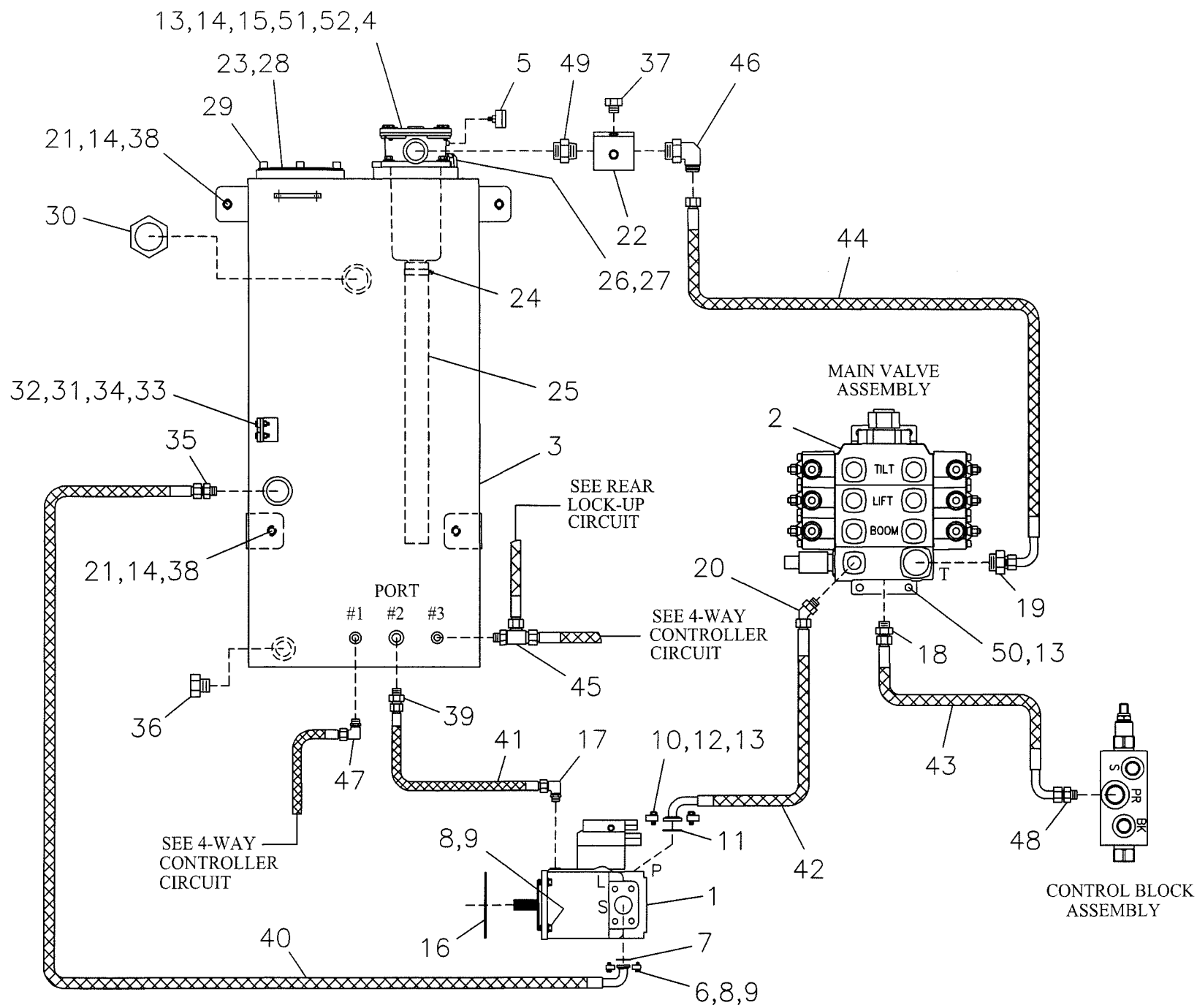
ITEM	NUMBER	DESCRIPTION	REQD
1	7-132-147	DASH PANEL	REF
2	6-5204-04	CAPSCREW 1/4 NC x 1/2 LG.	6
3	6-6211-04	LOCKWASHER 1/4	6
4	7-187-02	GAGE / FUEL	1
5	7-187-04	GAGE / ENGINE OIL PRESSURE	1
6	7-187-06	GAGE / TRANS. OIL TEMP.	1
7	7-187-08	GAGE / ENGINE WATER TEMP.	1
8	7-187-10	GAGE / VOLTMETER	1
9	7-187-11	GAGE / TRANS. OIL PRESSURE	1
10	7-127-05	LIGHT / WARNING	2
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	7-144-02	HOLE PLUG / 5/8 DIA.	1
15	7-144-03	HOLE PLUG / 3/4 DIA.	1
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	5
19	7-164-06	END BEZEL	2
20	7-164-07	CENTER BEZEL	4
21	2-1341-1	DECAL / DASH GANG SWITCHES	REF
22	2-1342-1	DECAL / WARNING LIGHTS & PUMP OFF	REF
23	7-194-40	GROMMET / TRANS. SHIFTER HARNESS	1



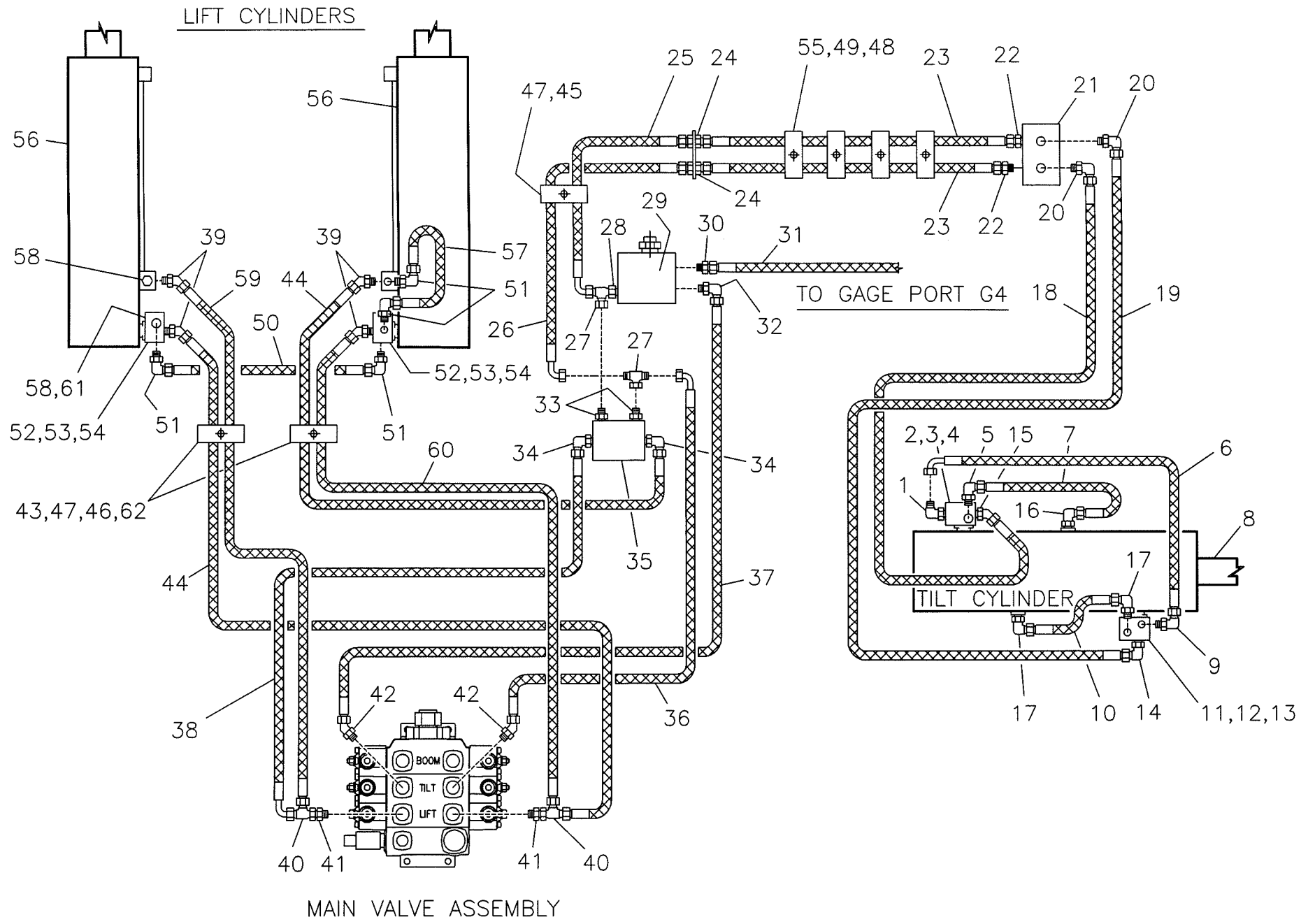
ITEM	NUMBER	DESCRIPTION	REQD
1	4-2356	OIL RESERVOIR WELDMENT	REF
2	7-345-113	PUMP ASSEMBLY	REF
3	7-272-11	FILLER-BREATHING / 3 PSI	REF
4	7-206-03	PRESSURE SWITCH / BRAKE LIGHT	REF
5	7-118-01	FILTER / RETURN	1
6	7-272-10	GAGE / RETURN FILTER	1
7	7-118-02	ELEMENT / RETURN FILTER	REF
8	7-367-02	VALVE ASSEMBLY / PARKING BRAKE	1
9	7-303-02	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	7-316-240	CYLINDER / LIFT	REF
14	7-316-238	CYLINDER / TILT	REF
15	7-182-01	CYLINDER / SWAY-REAR LOCK	REF
16	7-379-01	CYLINDER / ROTATE	REF
17	7-229-619	CYLINDER / STEERING	REF
18	7-229-619	CYLINDER / STEERING	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	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	7-256-85	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 ORBITAL	1
38	7-367-02	VALVE ASSEMBLY / DIFF. LOCK (OPTIONAL)	REF
39	7-292-01	HOSE REEL ASSY / RH / ROTATE	REF
40	7-234-54	VALVE / MOTION / LIFT	2
41	1-1219	RESTRICTOR FITTING	REF
42	1-1093-2	RESTRICTOR PLUG (.060)	REF
43	1-1093-1	RESTRICTOR PLUG (.040)	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

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 / REAR LOCKUP	1
54	7-234-80	CARTRIDGE / CHECK	REF
55	7-303-03	PRESSURE SWITCH / CLUTCH CUT-OFF	REF
56	7-234-80	CARTRIDGE / CHECK	REF
57	7-367-14	CARTRIDGE / NORMALLY OPEN	REF
58	7-303-04	PRESSURE SWITCH / SERVICE BRAKE	REF

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal black lines running across the width of the page, typical of notebook or legal stationery. The background is a solid off-white color, and there are no margins, text, or other markings present.



ITEM	NUMBER	DESCRIPTION	REQD
1	7-345-113	PUMP ASSY. / 55cc / 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	6-7191-222	HOSE / 24 x 32-90 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



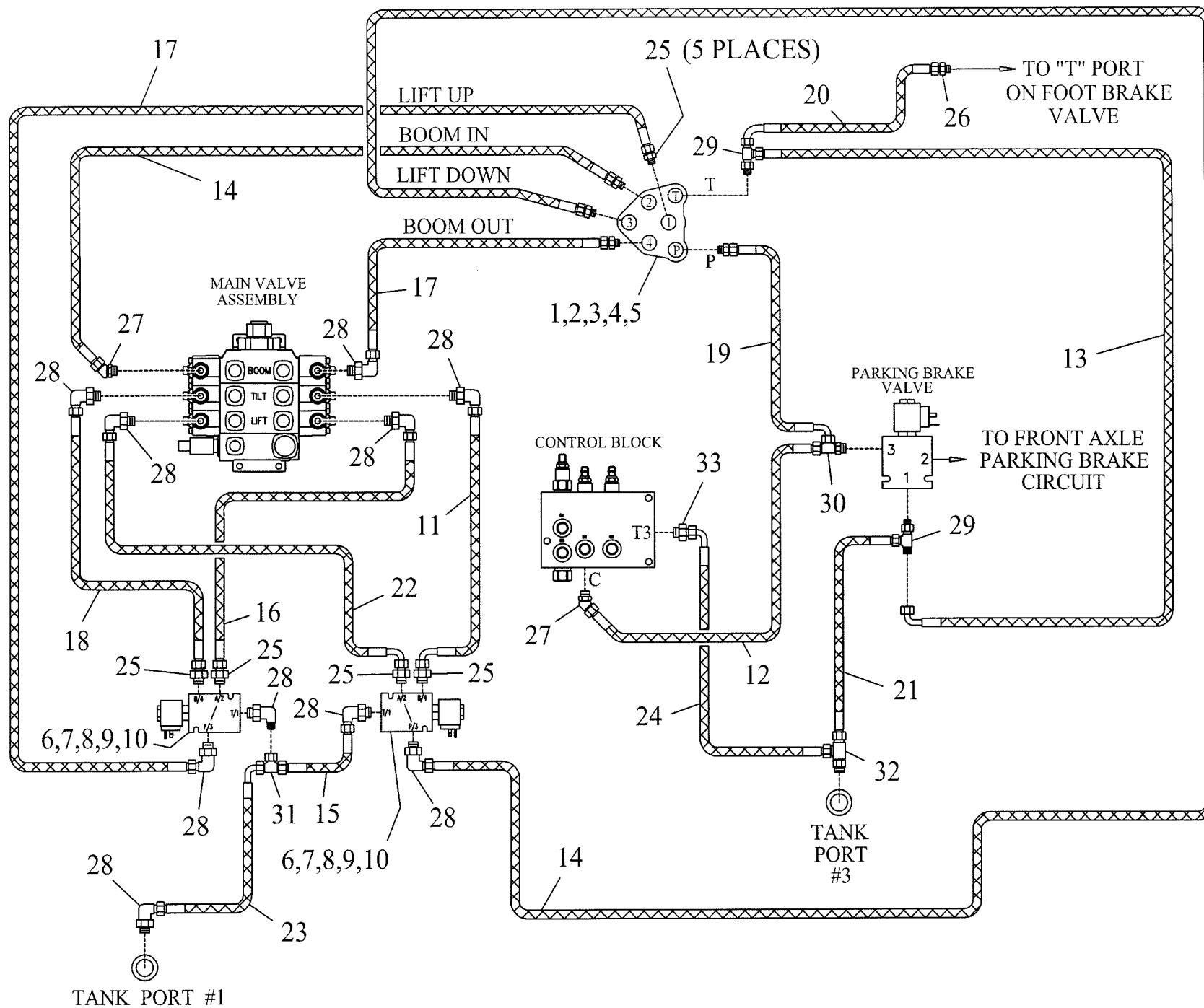
ITEM	NUMBER	DESCRIPTION	REQD
1	6-6453-04	FITTING / 06 OR x 04 JIC 90	1
2	7-234-02	VALVE / MOTION / BASE TILT	REF
3	6-5606-14	CAPSCREW SH 3/8 NC x 1 3/4 LG.	4
4	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4
5	6-6453-04	FITTING / 06 OR x 04 JIC 90	1
6	6-7022-60	HOSE / 04 x 04-90 x 30 LG.	1
7	6-7002-26	HOSE / 04 x 04 x 13 LG.	1
8	7-316-238	CYLINDER / TILT	REF
9	6-6453-04	FITTING / 06 OR x 04 JIC 90	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	6-6453-04	FITTING / 06 OR x 04 JIC 90	1
17	6-6453-06	FITTING / 06 OR x 06 JIC 90	2
18	6-7004-751	HOSE / 08 x 08 x 375 1/2 LG.	1
19	6-7004-751	HOSE / 08 x 08 x 375 1/2 LG.	1
20	6-6453-09	FITTING / 08 OR x 08 JIC 90	2
21	3-1244-1	MANIFOLD BLOCK	REF
22	6-6450-12	FITTING / 08 OR x 08 JIC STR	2
23	6-7014-315	HOSE / 08 x 10 x 157 1/2 LG.	2
24	6-6475-07	FITTING / 10 JIC BH-UNION STR	2
25	6-7025-128	HOSE / 10 x 10-90 x 64 LG.	1
26	6-7025-128	HOSE / 10 x 10-90 x 64 LG.	1
27	6-6480-07	FITTING / 10 JIC SW-BR-TEE	2
28	6-6485-03	FITTING / 10 OR x 10 JIC SW	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	6-5206-22	CAPSCREW 3/8 NC x 2 3/4 LG.	2
44	6-7005-154	HOSE / 10 x 10 x 77 LG.	2
45	6-5205-32	CAPSCREW 5/16 NC x 4 LG.	REF
46	7-273-26	COVER PLATE / 5/8 HOSE CLAMP	2
47	7-273-32	CLAMP HALF SET / 5/8 TWIN HOSE	3
48	6-5205-14	CAPSCREW 5/16 NC x 1 3/4 LG.	4
49	7-273-26	COVER PLATE / 1/2 HOSE CLAMP	4
50	6-7002-100	HOSE / 04 x 04 x 50 LG.	1
51	6-6453-04	FITTING / 06 OR x 04 JIC 90	4
52	7-234-54	VALVE / MOTION / LIFT	REF

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	7-273-25	CLAMP HALF SET / 1/2 TWIN HOSE	4
56	7-316-240	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	6-7005-160	HOSE / 10 x 10 x 80 LG.	1
60	6-7005-132	HOSE / 10 x 10 x 66 LG.	1
61	6-6460-01	FITTING / 04 OR HOLLOW HEX PLUG	REF
62	7-173-06	SPRING CLIP 3/8 NC	2

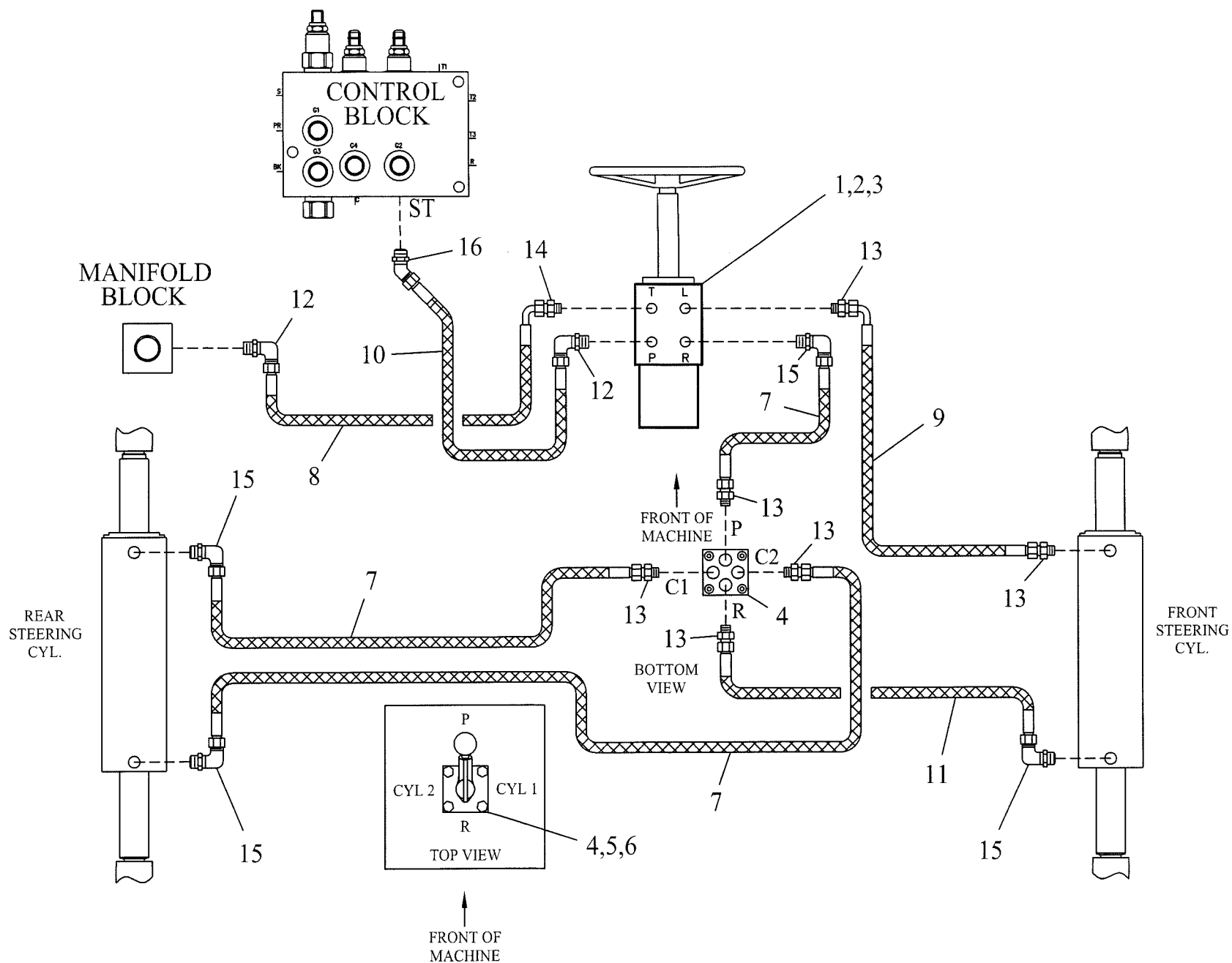
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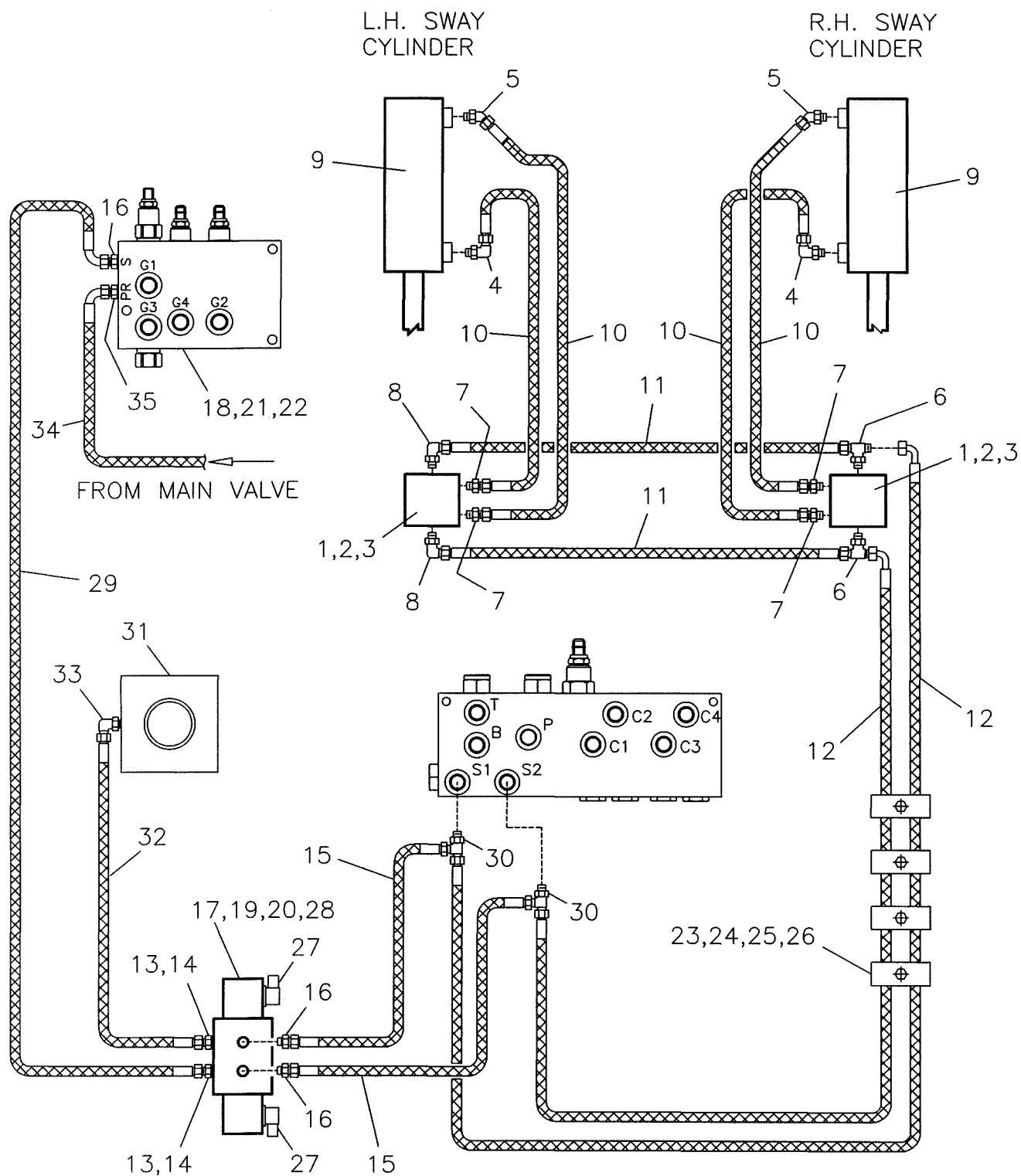
ITEM	NUMBER	DESCRIPTION	REQD
1	7-316-211	CYLINDER / BOOM	REF
2	7-234-03	VALVE / MOTION / BOOM	REF
3	6-5606-22	CAPSCREW SH 3/8 NC x 2 3/4 LG.	8
4	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	8
5	6-6453-04	FITTING / 06 OR x 04 JIC 90	2
6	6-6453-12	FITTING / 10 OR x 10 JIC 90	1
7	6-6457-03	FITTING / 04 OR HEX HD PLUG	2
8	6-6453-12	FITTING / 10 OR x 10 JIC 90	1
9	6-7002-30	HOSE / 04 x 04 x 15 LG.	1
10	6-7002-30	HOSE / 04 x 04 x 15 LG.	1
11	6-7005-126	HOSE / 10 x 10 x 63 LG.	1
12	6-7005-96	HOSE / 10 x 10 x 48 LG.	1
13	6-6475-07	FITTING / 10 JIC BH UNION	2
14	7-273-32	CLAMP HALF SET / 5/8 TWIN HOSE	2
15	6-6457-05	FITTING / 06 OR HEX HD PLUG	4
16	6-6453-13	FITTING / 12 OR x 10 JIC 90	2
17	6-7005-154	HOSE / 10 x 10 x 77 LG.	2
18	6-5205-32	CAPSCREW 5/16 NC x 4 LG.	1
19	7-273-26	COVER PLATE / 5/8 HOSE CLAMP	2
20	6-5205-16	CAPSCREW 5/16 NC x 2 LG.	1
21	6-6453-03	FITTING / 04 OR x 04 JIC 90	2



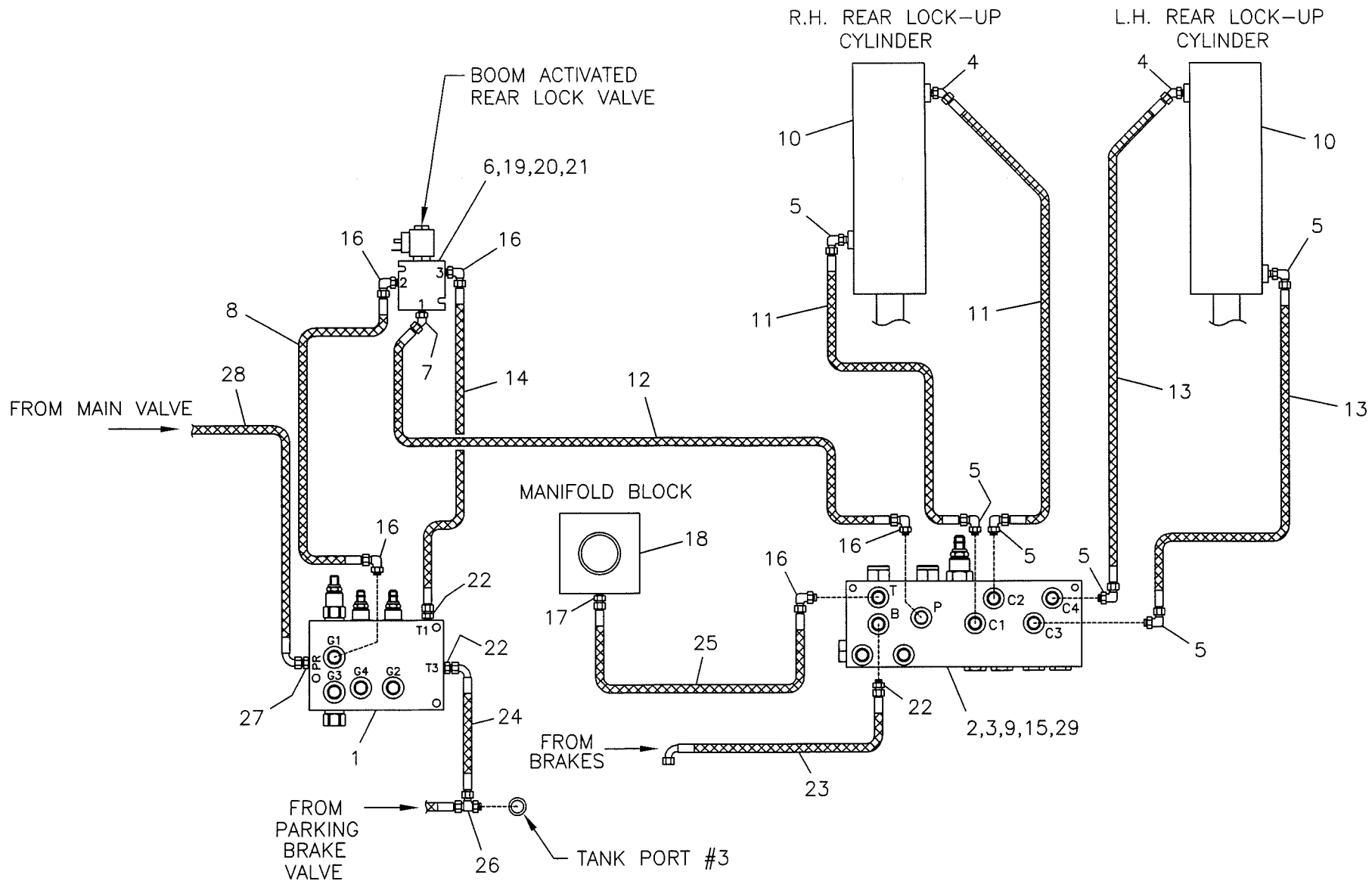
ITEM	NUMBER	DESCRIPTION	REQD
1	7-200-139	CONTROLLER / 4-WAY	REF
2	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	4
3	6-6212-04	FLATWASHER 1/4	4
4	6-6211-04	LOCKWASHER 1/4	4
5	6-6201-04	HEX NUT 1/4 NC	4
6	7-367-09	VALVE / ELECTRIC 4-WAY (2)	REF
7	6-5204-14	CAPSCREW 1/4 NC x 1 3/4 LG.	4
8	6-6211-04	LOCKWASHER 1/4	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



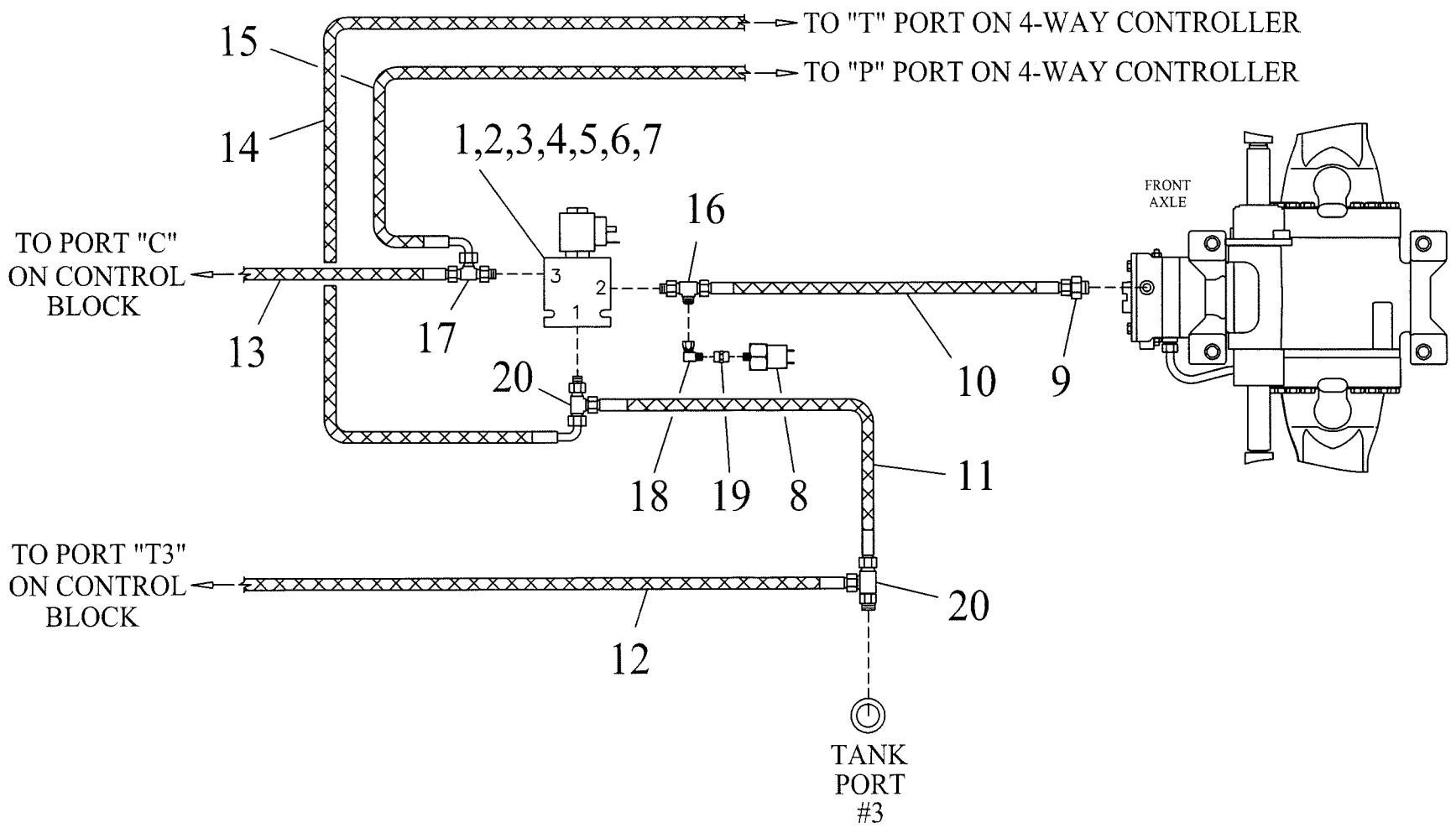
ITEM	NUMBER	DESCRIPTION	REQD
1	7-147-48	STEERING ORBITRAL	REF
2	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	4
3	6-6211-06	LOCKWASHER 3/8	4
4	7-359-02	VALVE / STEERING SELECTOR	REF
5	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	4
6	6-6211-05	LOCKWASHER 5/16	4
7	6-7003-212	HOSE / 06 x 06 x 106 LG.	3
8	6-7024-388	HOSE / 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



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	7-182-01	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	6-7033-296	HOSE / 06 x 08-90 x 148 LG.	2
13	1-1219	RESTRICTOR FITTING	2
14	1-1093-2	RESTRICTOR PLUG (.060)	2
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.	2
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	4
24	7-273-23	COVER PLATE / 3/8 HOSE CLAMP	4
25	7-173-07	CARRIAGE BOLT 3/8 NC x 2 1/4 LG.	4
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

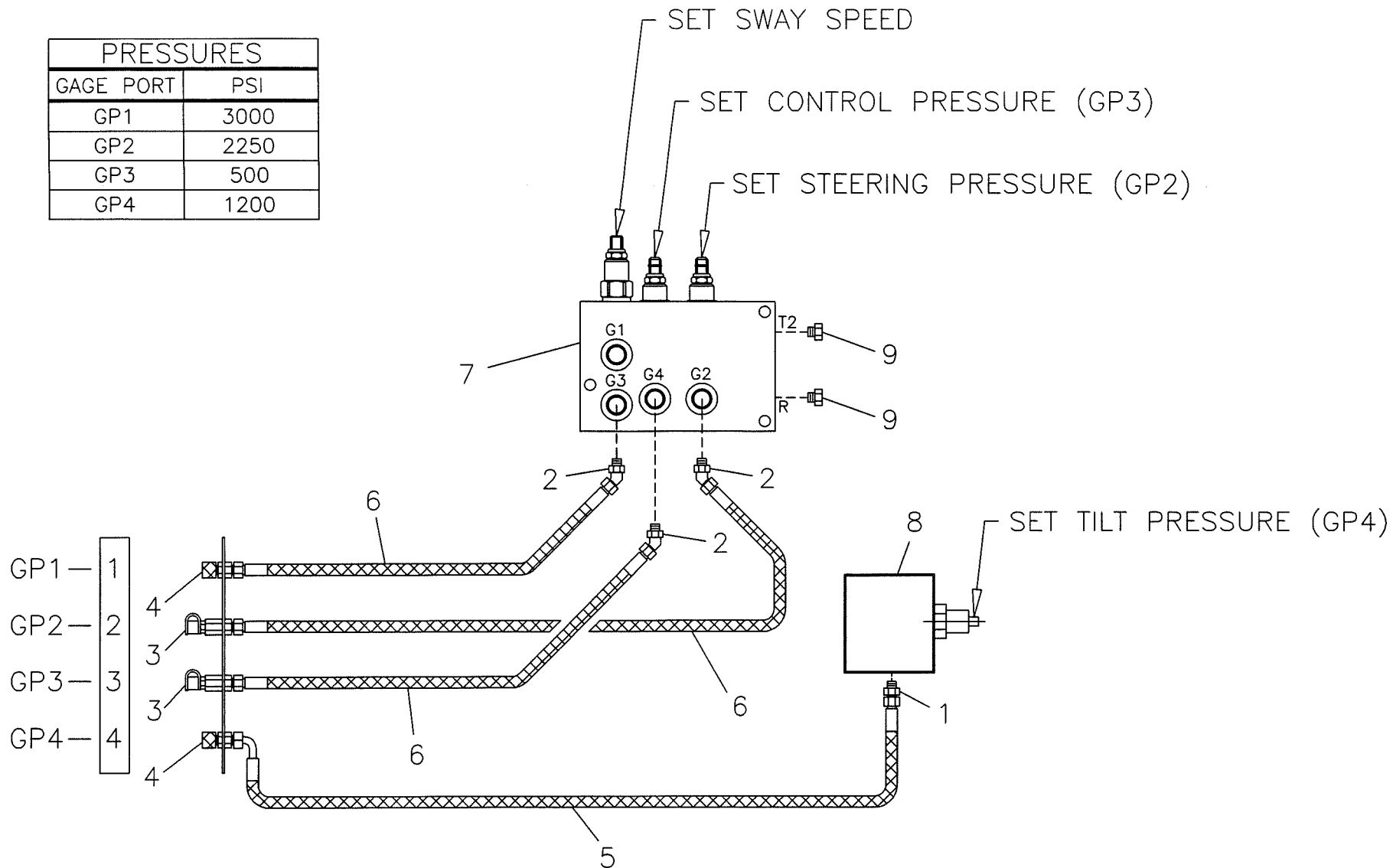


ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-94	CONTROL BLOCK ASSEMBLY	REF
2	7-168-02	BLOCK ASSEMBLY / REAR LOCK-UP	REF
3	7-304-07	CARTRIDGE / MODULAR CONTROL	REF
4	6-6452-19	FITTING / 06 OR x 04 JIC 45	2
5	6-6453-04	FITTING / 06 OR x 04 JIC 90	6
6	7-367-13	VALVE / BOOM ACTIVATED REAR LOCK	REF
7	6-6452-03	FITTING / 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	7-182-01	CYLINDER / REAR LOCK-UP	REF
11	6-7002-74	HOSE / 04 x 04 x 37 LG.	2
12	6-7003-56	HOSE / 06 x 06 x 28 LG.	1
13	6-7002-62	HOSE / 04 x 04 x 31 LG.	2
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

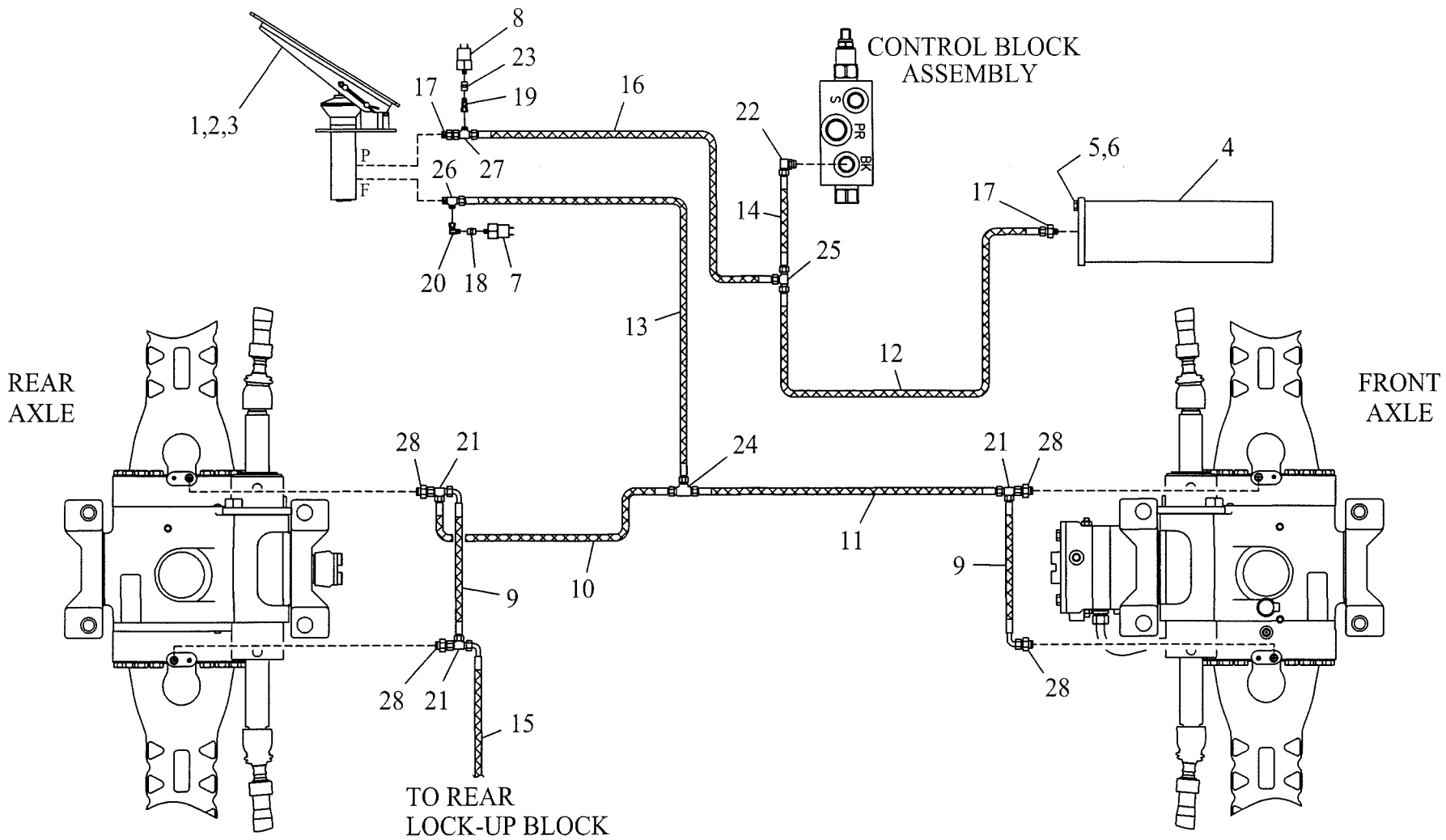


ITEM	NUMBER	DESCRIPTION	REQD
1	7-367-02	VALVE ASSEMBLY / PARKING BRAKE	REF
2	5-2025	PLATE / VALVE BLOCK SHIM	1
3	6-5204-18	CAPSCREW 1/4 NC x 2 1/4 LG.	2
4	6-6212-04	FLATWASHER 1/4	2
5	6-6211-04	LOCKWASHER 1/4	2
6	6-6201-04	HEX NUT 1/4 NC	2
7	7-244-27	DIN CONNECTOR	REF
8	7-303-02	PRESSURE SWITCH / PARKING BRAKE	1
9	7-371-04	FITTING / 14mm OR x 06 JIC STR.	1
10	6-7003-136	HOSE / 06 x 06 x 68 LG.	1
11	6-7003-212	HOSE / 06 x 06 x 106 LG.	REF
12	6-7023-32	HOSE / 06 x 06-90 x 16 LG.	REF
13	6-7002-204	HOSE / 04 x 04 x 102 LG.	REF
14	6-7023-62	HOSE / 06 x 06-90 x 31 LG.	REF
15	6-7022-60	HOSE / 04 x 04-90 x 30 LG.	REF
16	6-6455-05	FITTING / 06 OR x 06 JIC RN-TEE	1
17	6-6455-15	FITTING / 06 OR x 04 JIC RN-TEE	REF
18	6-6435-03	FITTING / 04 NPT M. x 06 JIC SW. 90	1
19	6-6402-02	FITTING / 02 x 04 NPT COUPLING	1
20	6-6455-05	FITTING / 06 OR x 06 JIC RN-TEE	REF

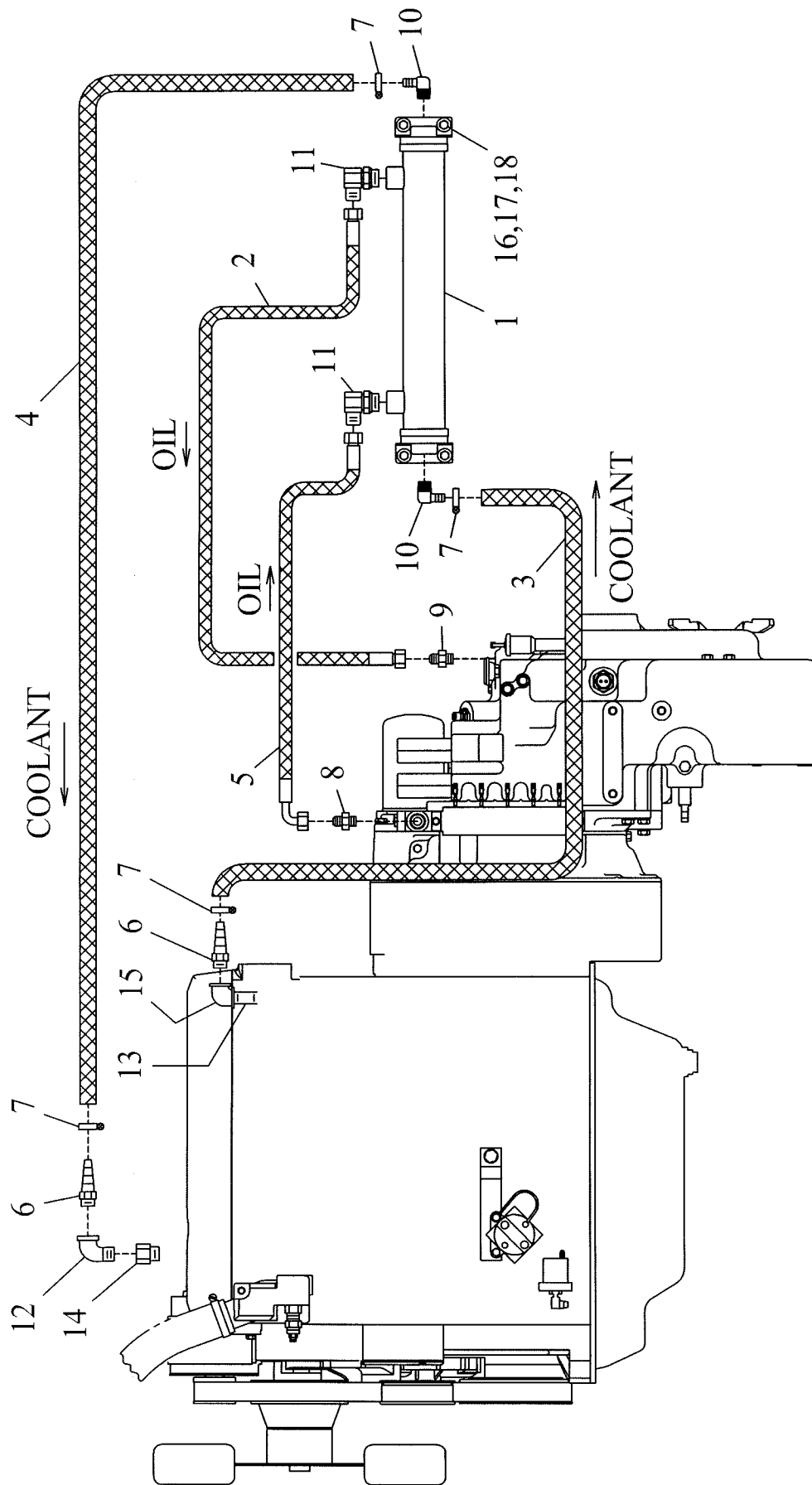
PRESSURES	
GAGE PORT	PSI
GP1	3000
GP2	2250
GP3	500
GP4	1200



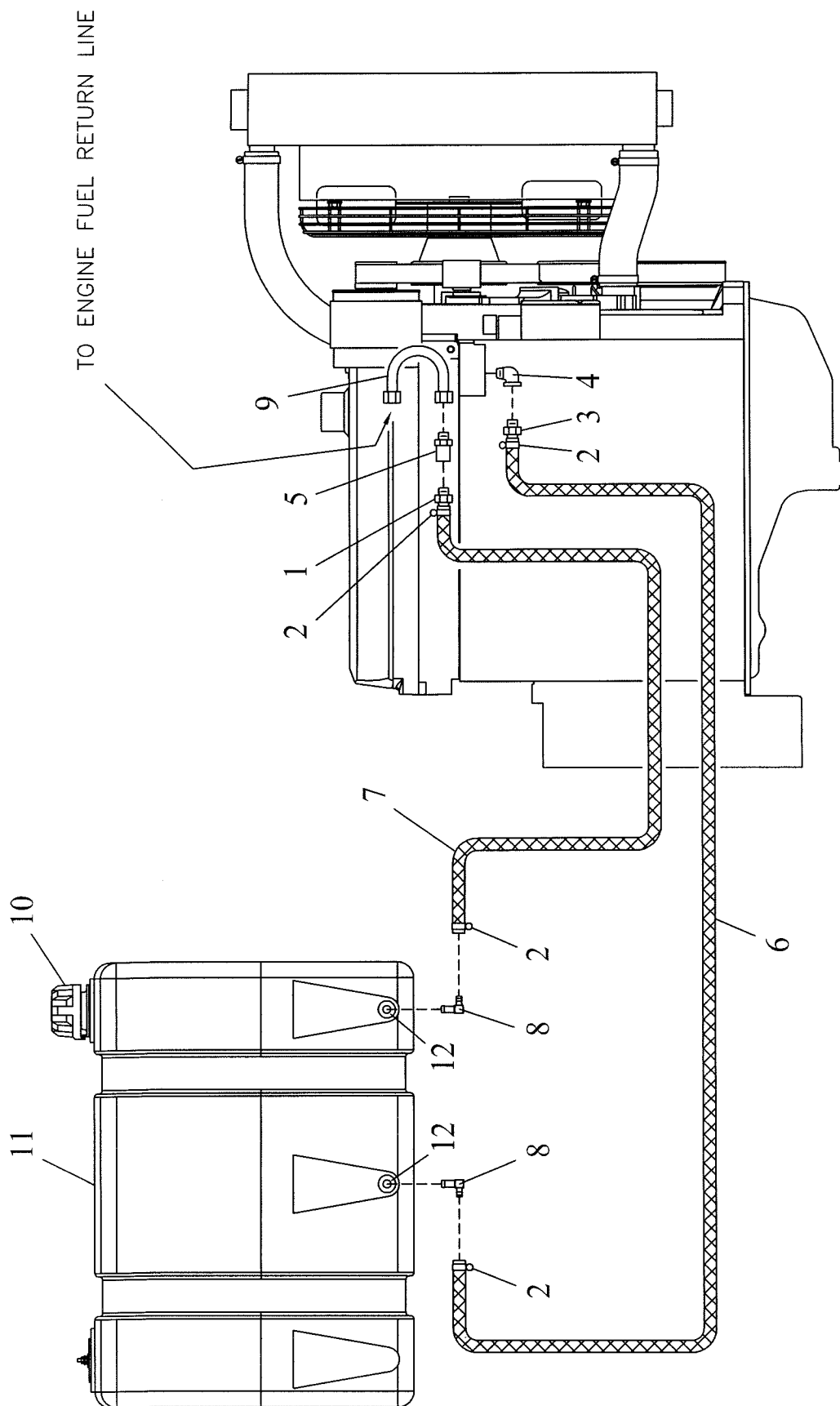
ITEM	NUMBER	DESCRIPTION	REQD
1	6-6450-05	FITTING / 06 OR x 04 JIC STR.	1
2	6-6452-19	FITTING / 06 OR x 04 JIC 45	3
3	7-256-27	PRESSURE CHECK / MALE	2
4	7-302-01	PRESSURE CHECK / MALE	2
5	6-7022-30	HOSE / 04 x 04-90 x 15 LG.	1
6	6-7002-34	HOSE / 04 x 04 x 17 LG.	3
7	7-234-94	CONTROL BLOCK	REF
8	7-234-50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



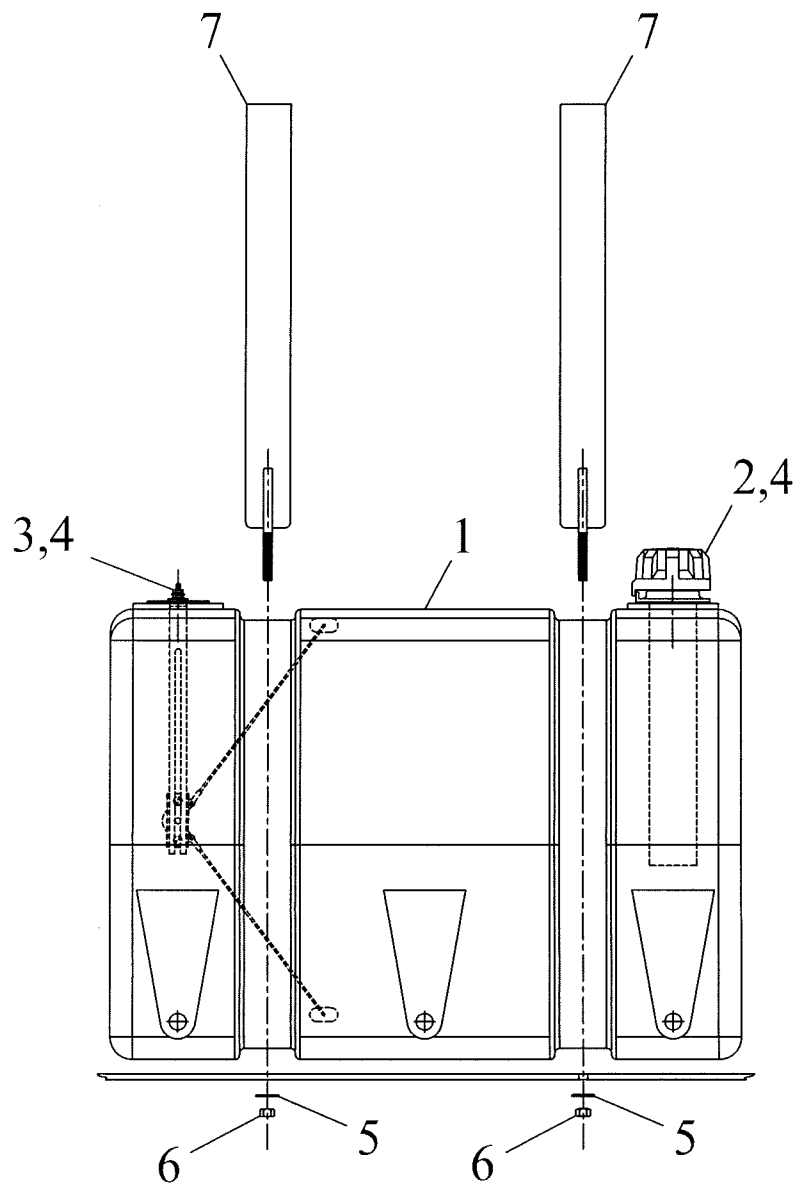
ITEM	NUMBER	DESCRIPTION	REQD
1	7-186-01	ACTUATOR / FOOT BRAKE PEDAL	REF
2	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	4
3	6-6211-04	LOCKWASHER 1/4	4
4	7-256-85	ACCUMULATOR / BRAKE	REF
5	6-5308-08	CAPSCREW 1/2 NF x 1 LG.	3
6	6-6211-08	LOCKWASHER 1/2	3
7	7-303-03	PRESSURE SWITCH / CLUTCH CUT-OFF	1
8	7-303-04	PRESSURE SWITCH / SERVICE BRAKE	1
9	6-7023-28	HOSE / 06 x 06-90 x 14 LG.	2
10	6-7003-130	HOSE / 06 x 06 x 65 LG.	1
11	6-7003-174	HOSE / 06 x 06 x 87 LG.	1
12	6-7002-86	HOSE / 04 x 04 x 43 LG.	1
13	6-7003-100	HOSE / 06 x 06 x 50 LG.	1
14	6-7002-210	HOSE / 04 x 04 x 105 LG.	1
15	6-7023-62	HOSE / 06 x 06 x 31 LG.	REF
16	6-7002-100	HOSE / 04 x 04 x 50 LG.	1
17	6-6450-05	FITTING / 06 OR x 04 JIC STR.	2
18	6-6402-02	FITTING / 02 NPT F. x 04 NPT F.	1
19	6-6486-01	FITTING / 02 NPT M. x 04 JIC SW. STR.	1
20	6-6435-03	FITTING / 04 NPT M. x 06 JIC SW. 90	1
21	6-6481-05	FITTING / 06 JIC SW-RN-TEE	3
22	6-6453-04	FITTING / 06 OR x 04 JIC 90	1
23	6-6440-02	FITTING / 02 NPT COUPLING	1
24	6-6482-05	FITTING / 06 JIC TEE	1
25	6-6482-03	FITTING / 04 JIC TEE	1
26	6-6455-05	FITTING / 06 OR x 06 JIC RN-TEE	1
27	6-6481-03	FITTING / 04 JIC SW-RN-TEE	1
28	7-371-04	FITTING / 14mm OR x 06 JIC STR.	4



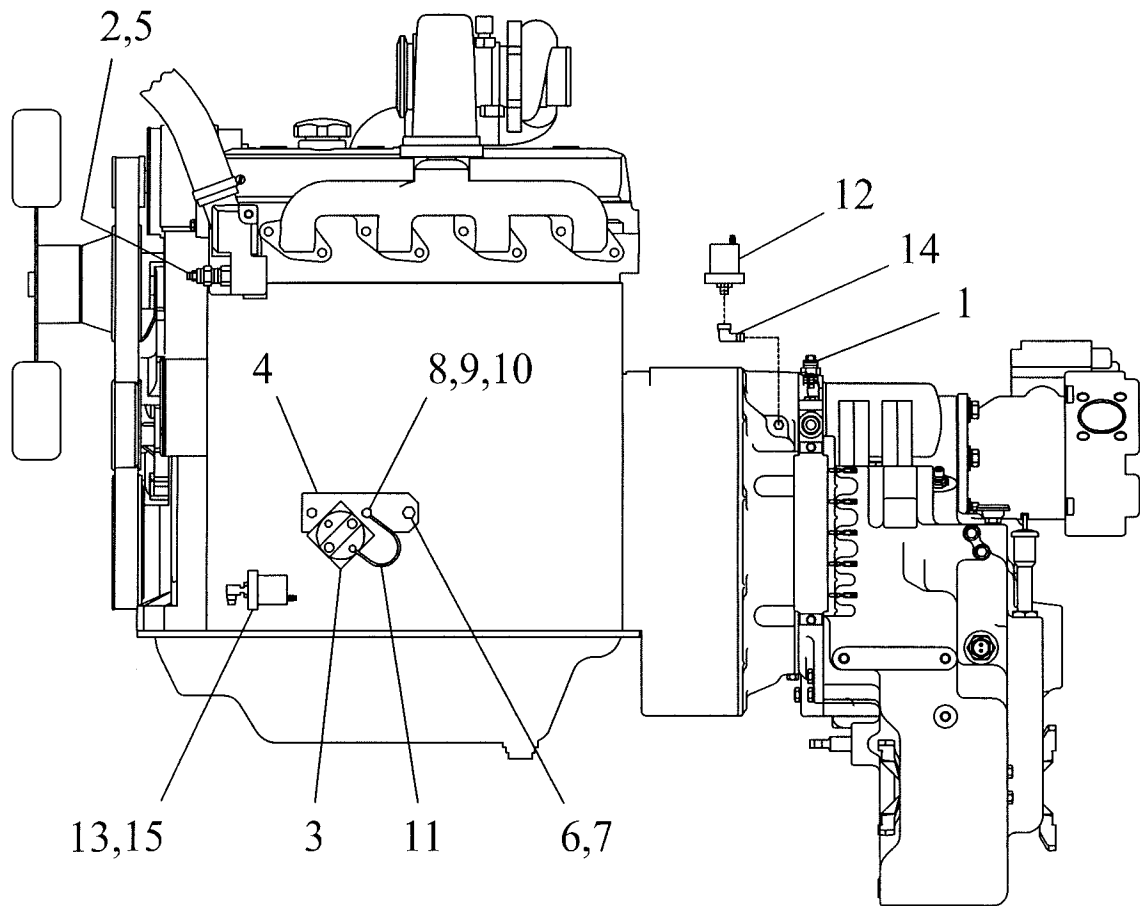
ITEM	NUMBER	DESCRIPTION	REQD
1	7-236-08	OIL COOLER	1
2	6-7006-37	HOSE / 12 x 12 x 18 1/2 LG.	1
3	6-9611-320	HOSE-HEATER 3/4 x 40 LG.	1
4	6-9611-464	HOSE-HEATER 3/4 x 58 LG.	1
5	6-7045-44	HOSE / 12 x 10-90 x 22 LG.	1
6	6-6423-18	HOSE END / 12-08 MALE PIPE	2
7	6-6252-04	HOSE CLAMP / NO. 12	4
8	6-6450-16	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



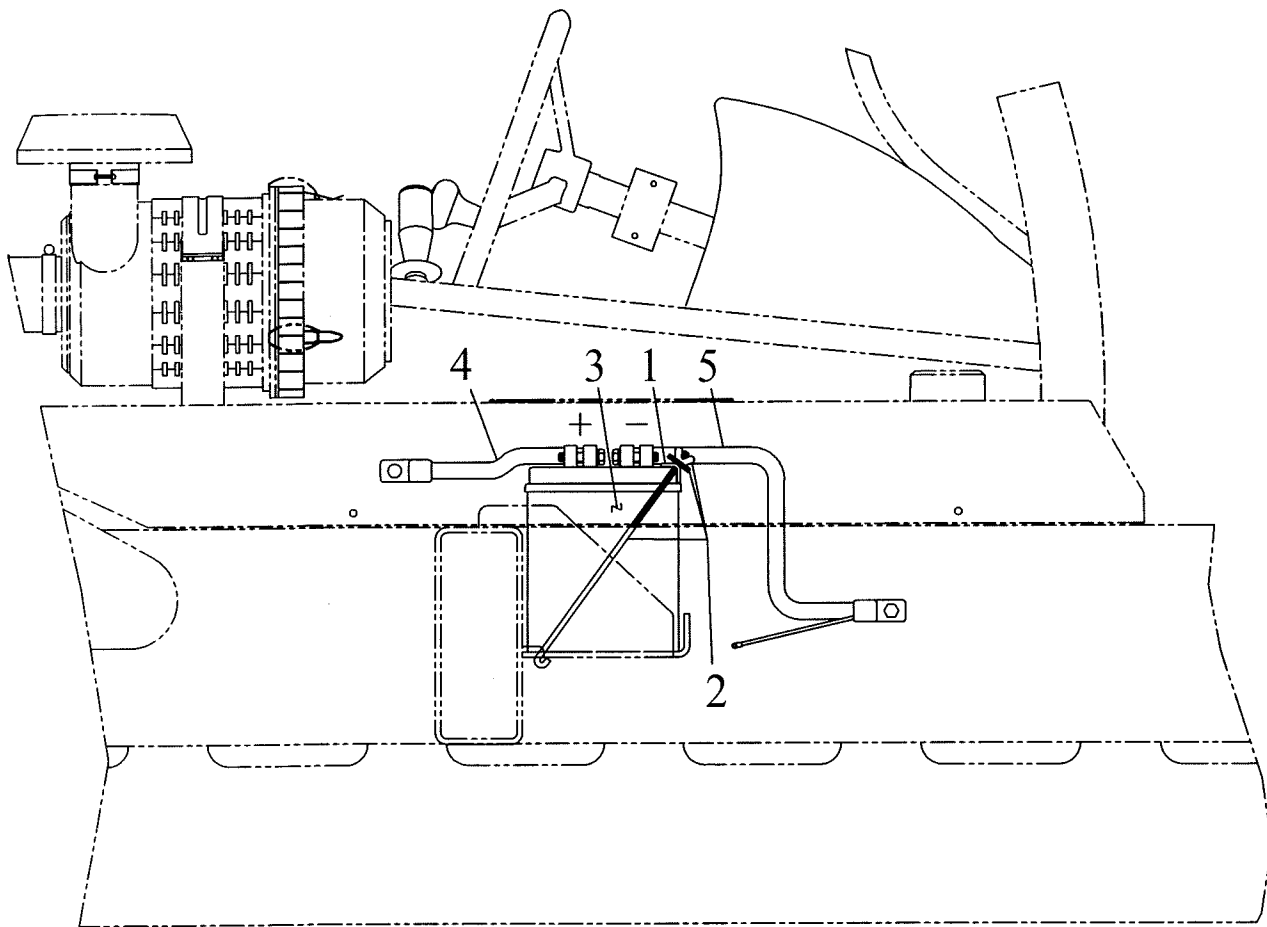
ITEM	NUMBER	DESCRIPTION	REQD
1	6-6423-08	FITTING / 04 x 06 BRASS HOSE END	1
2	6-6252-20	HOSE CLAMP / NO. 2	4
3	6-6423-07	FITTING / 02 x 06 BR. HOSE END	1
4	6-6422-01	FITTING / 02 x 02 NPT BRASS ELBOW	1
5	6-6424-05	FITTING / 04 x 04 BRASS TUBE END	1
6	6-9605-720	HOSE-FUEL 3/8 x 90 LG.	1
7	6-9605-720	HOSE-FUEL 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



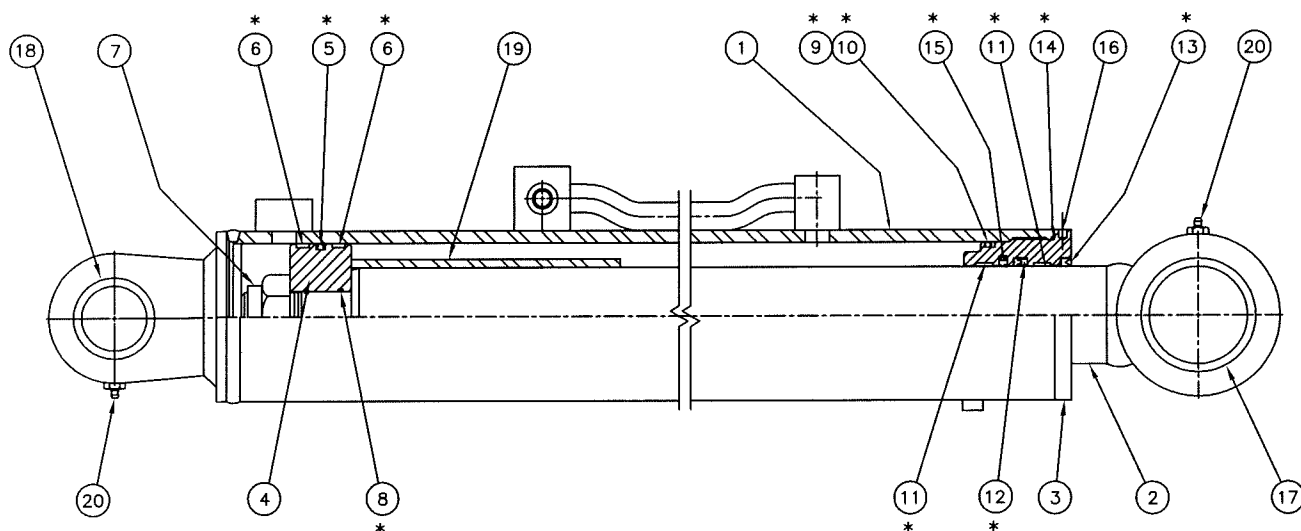
ITEM	NUMBER	DESCRIPTION	REQD
1	7-373-01	FUEL TANK / PLASTIC	1
2	7-272-09	FILLER CAP / FUEL	1
3	7-187-03	SENDER / FUEL GAUGE	REF
4	6-6284-13	MACHINE SCREW #10-32 x 1/2 LG.	11
5	6-6212-06	FLATWASHER 3/8	4
6	6-6205-06	SELF-LOCKING NUT 3/8 NC	4
7	3-1390	STRAP / FUEL TANK	2



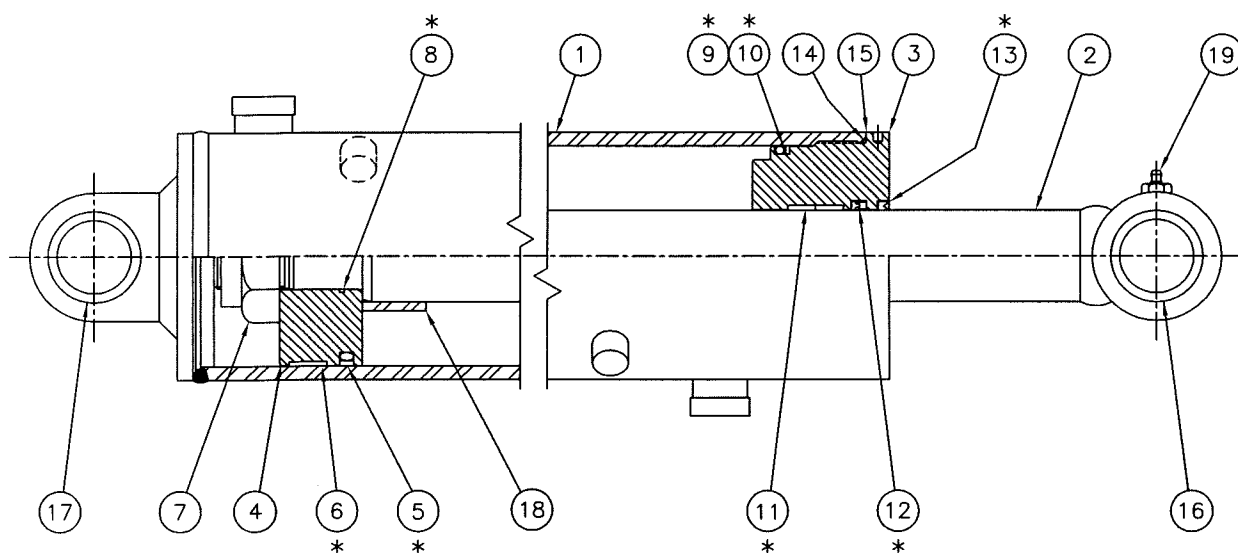
ITEM	NUMBER	DESCRIPTION	REQD
1	7-187-01	SENDER / TRANS. OIL TEMP.	1
2	7-187-09	SENDER / ENGINE WATER TEMP.	1
3	7-183-18	RELAY / STARTER	1
4	1-1024	MOUNT / STARTER RELAY	1
5	6-6406-04	FITTING / NPT RED. 1/2 x 3/8	1
6	6-8514-25	CAPSCREW 14mm x 2.0 x 25mm LG	1
7	6-9111-14	LOCKWASHER 14mm	1
8	6-5204-04	CAPSCREW 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	7-187-12	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	7-187-05	SENDER / ENGINE OIL PRESSURE	1



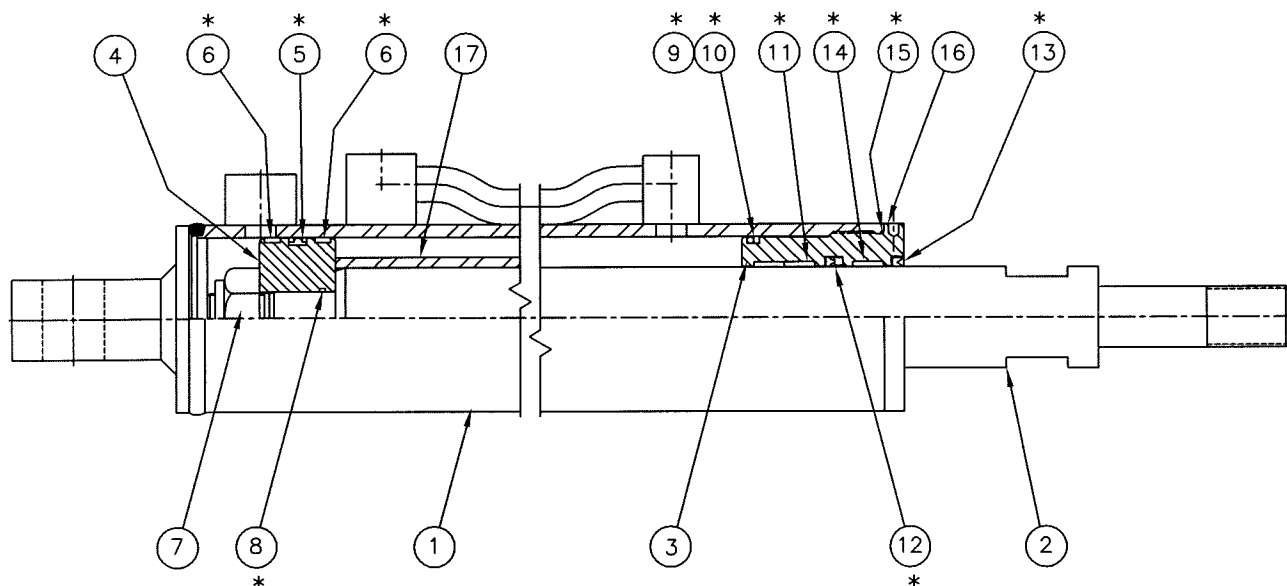
ITEM	NUMBER	DESCRIPTION	REQD
1	5-2008	FORMING / BATTERY HOLD DOWN	1
2	5-2012	HOOK / BATTERY HOLD DOWN	2
3	7-355-01	BATTERY / 12 VOLT	1
4	6-7801-132B	BATTERY CABLE / RED	1
5	6-7802-88B	BATTERY CABLE / BLACK	1



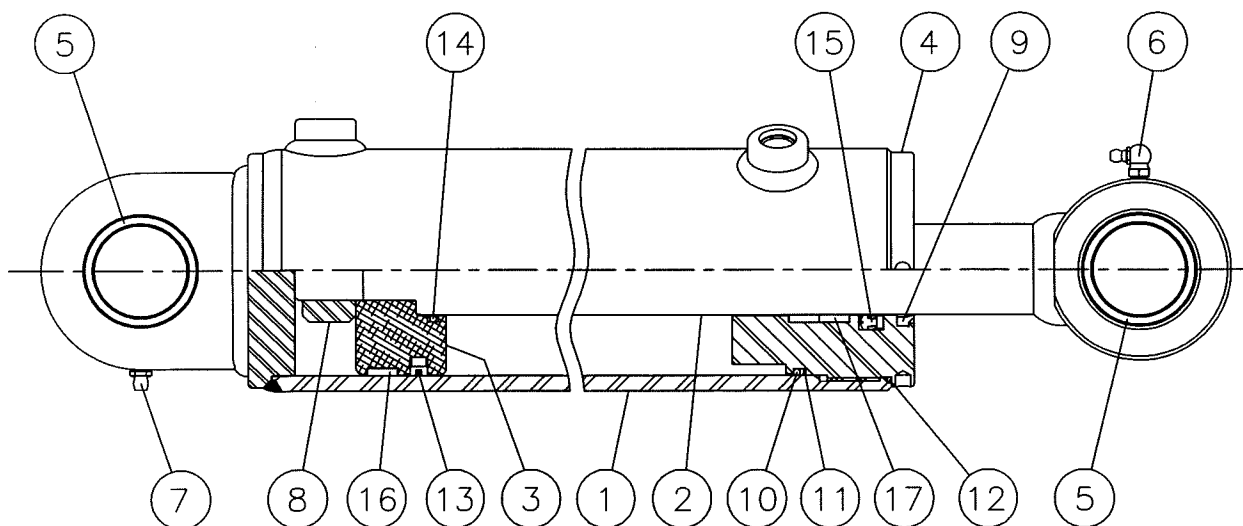
ITEM	NUMBER	DESCRIPTION	REQD
1	7-316-290	BARREL ASSEMBLY	1
2	7-316-257	ROD ASSEMBLY	1
3	7-316-291	HEAD	1
4	7-316-258	PISTON	1
5	7-316-54	SEAL / PISTON (*)	1
6	7-316-234	WEAR RING / PISTON (*)	2
7	7-316-73	SELF-LOCKING NUT	1
8	7-316-80	O-RING / STUB SHAFT (*)	1
9	7-316-81	O-RING / HEAD (*)	1
10	7-316-82	BACK-UP RING / HEAD (*)	1
11	7-316-383	WEAR RING / HEAD (*)	2
12	7-316-30	SEAL / SHAFT (*)	1
13	7-316-36	WIPER / SHAFT (*)	1
14	7-316-245	O-RING (*)	1
15	7-316-382	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	7-316-260	STROKE LIMITER	1
20	7-316-150	LUBE FITTING	2
21			
22	7-900-21	SEAL KIT / ITEMS MARKED (*)	REF



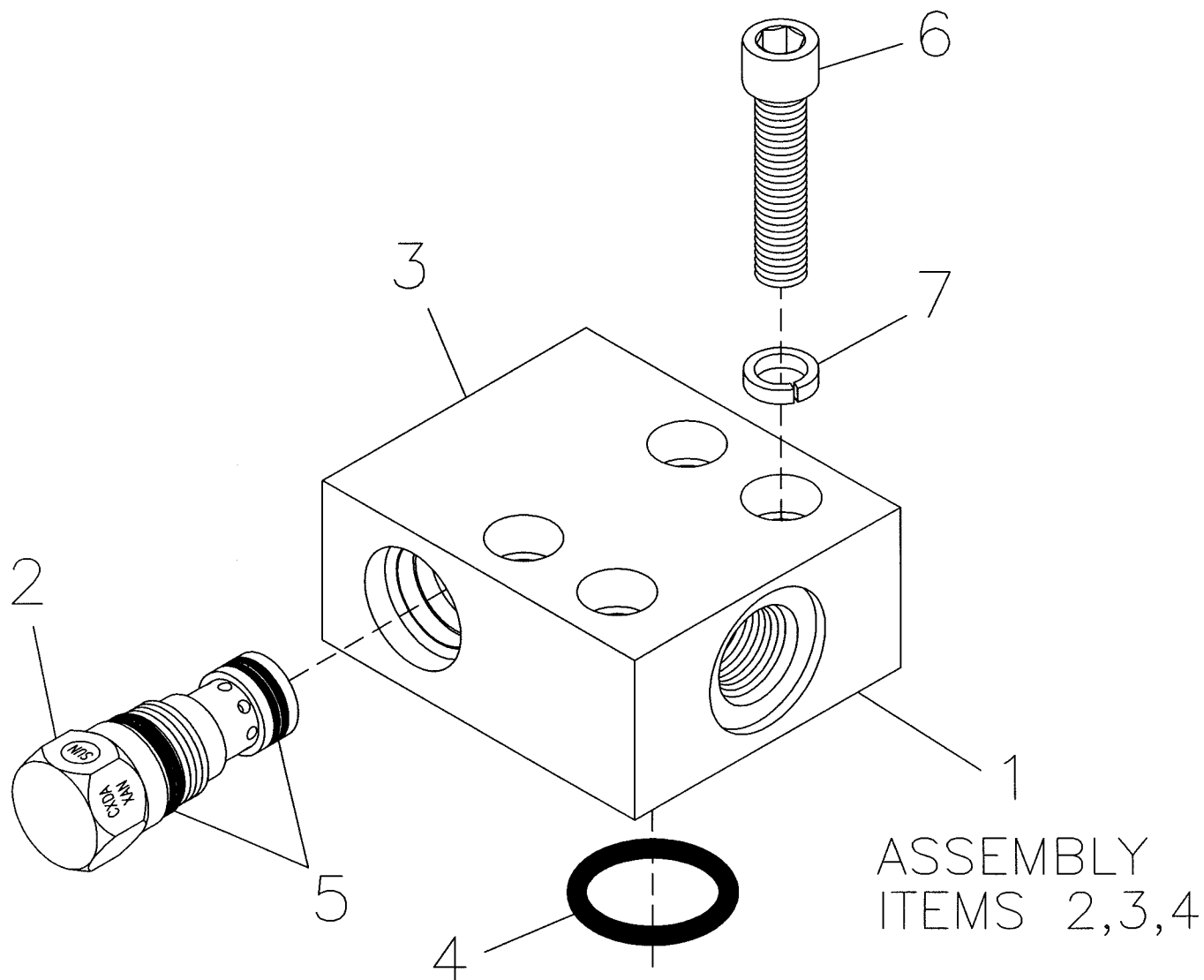
ITEM	NUMBER	DESCRIPTION	REQD
1	7-316-292	BARREL ASSEMBLY	1
2	7-316-250	ROD ASSEMBLY	1
3	7-316-293	HEAD	1
4	7-316-249	PISTON	1
5	7-316-59	SEAL / PISTON (*)	1
6	7-316-68	WEAR RING / PISTON (*)	1
7	7-316-246	SELF-LOCKING NUT	1
8	7-316-236	O-RING / STUB SHAFT (*)	1
9	7-316-83	O-RING / HEAD (*)	1
10	7-316-84	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



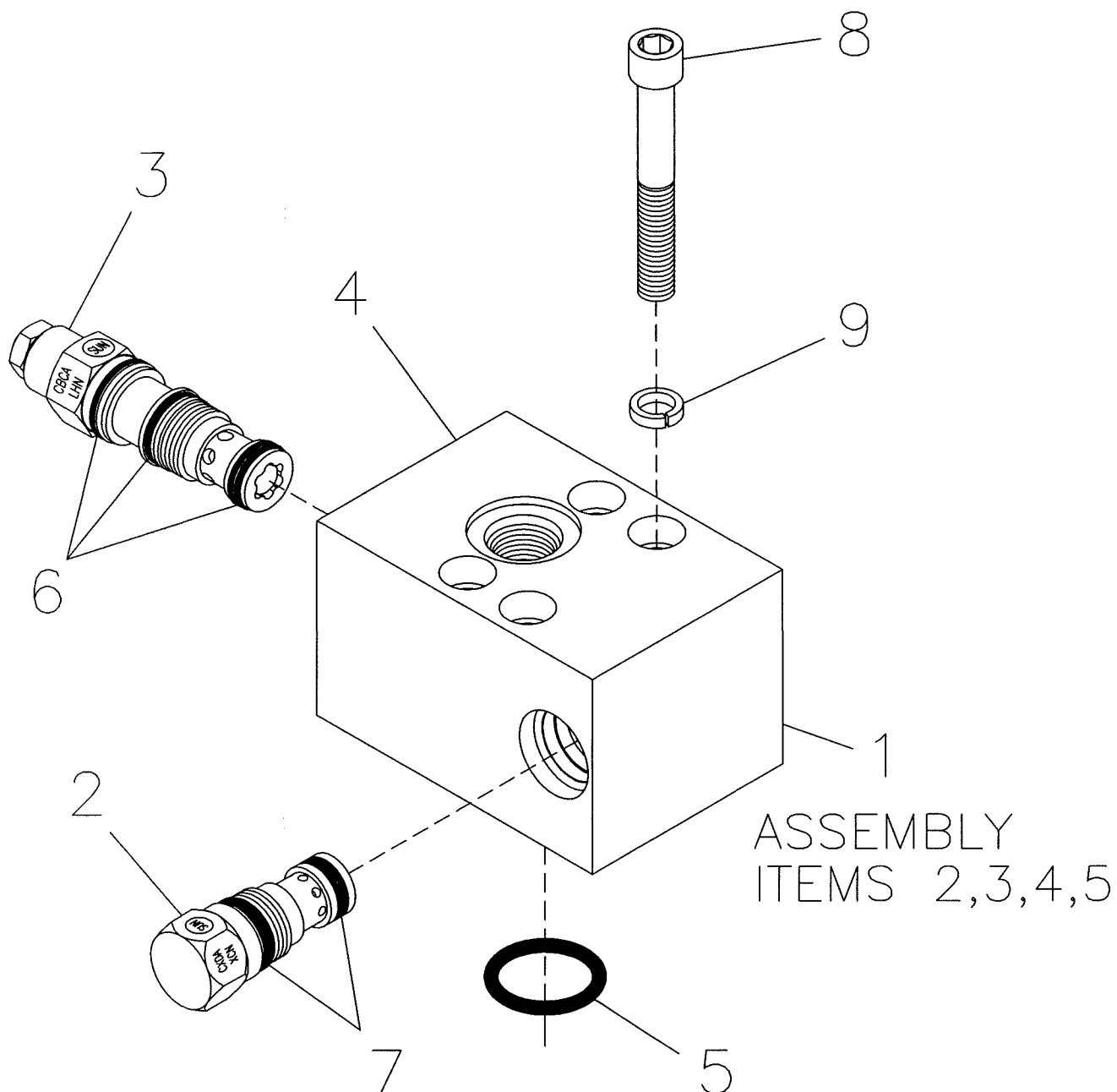
ITEM	NUMBER	DESCRIPTION	REQD
1	7-316-261	BARREL ASSEMBLY	1
2	7-316-262	ROD	1
3	7-316-289	HEAD	1
4	7-316-263	PISTON	1
5	7-316-53	SEAL / PISTON (*)	1
6	7-316-232	WEAR RING / PISTON (*)	2
7	7-316-74	SELF-LOCKING NUT	1
8	7-316-87	O-RING / STUB SHAFT (*)	1
9	7-316-85	O-RING / HEAD (*)	1
10	7-316-86	BACK-UP 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



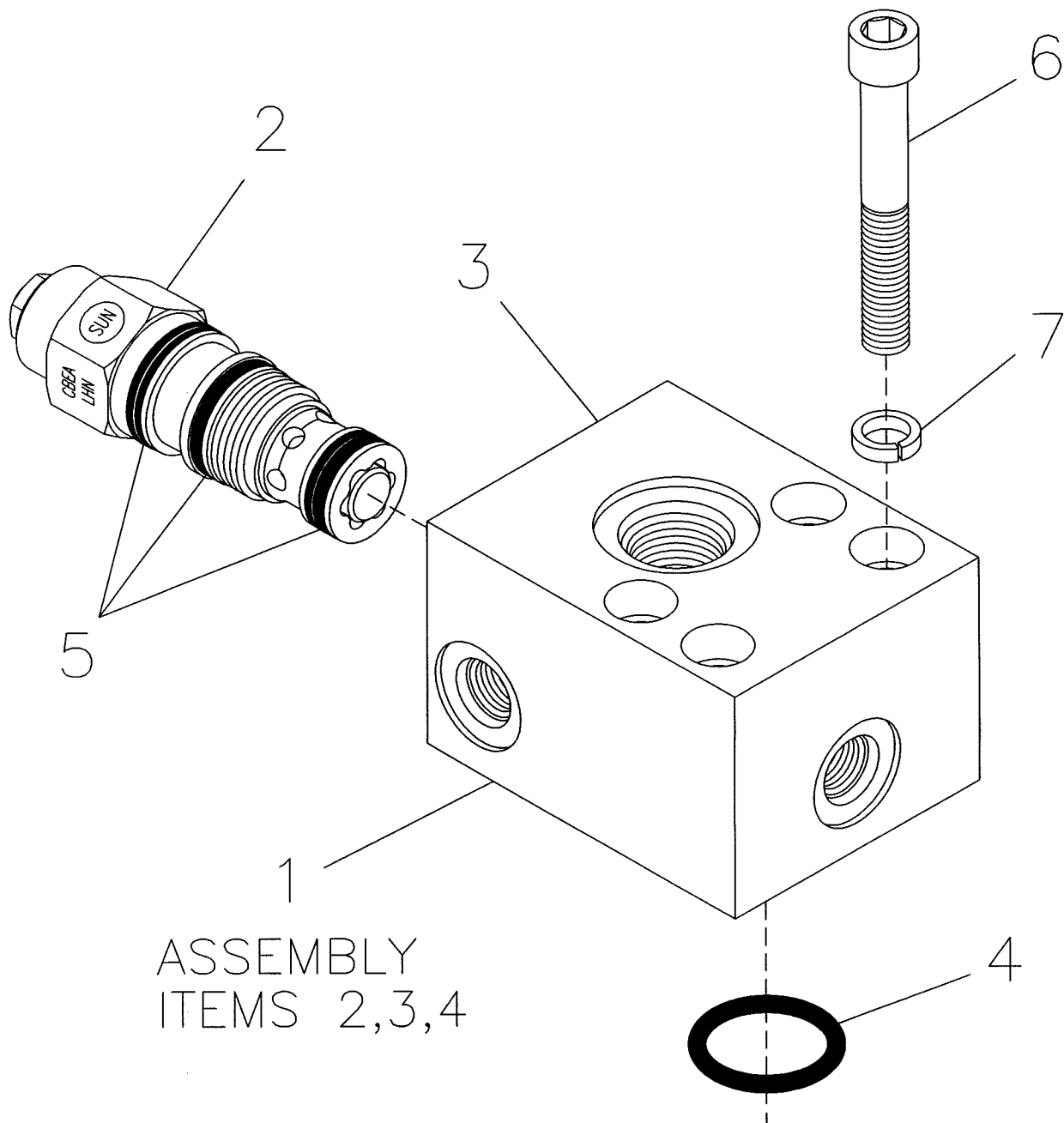
ITEM	NUMBER	DESCRIPTION	REQD
1	7-182-06	TUBE ASSEMBLY	1
2	7-182-07	ROD ASSEMBLY	1
3	7-182-08	PISTON	1
4	7-182-09	HEAD	1
5	7-182-10	BUSHING	2
6	7-182-11	LUBE FITTING / 90°	1
7	7-182-12	LUBE FITTING / STR.	1
8	7-182-13	LOCKNUT (*)	1
9	7-182-14	WIPER / ROD (*)	1
10	7-182-15	O-RING / HEAD (*)	1
11	7-182-16	BACK-UP RING / HEAD (*)	1
12	7-182-17	O-RING / HEAD (*)	1
13	7-182-18	SEAL / PISTON (*)	1
14	7-182-19	O-RING / PISTON (*)	1
15	7-182-20	SEAL / ROD (*)	1
16	7-182-21	WEAR RING / PISTON (*)	1
17	7-182-22	WEAR RING / HEAD (*)	2
18			
19	7-900-180	SEAL KIT / ITEMS MARKED (*)	REF



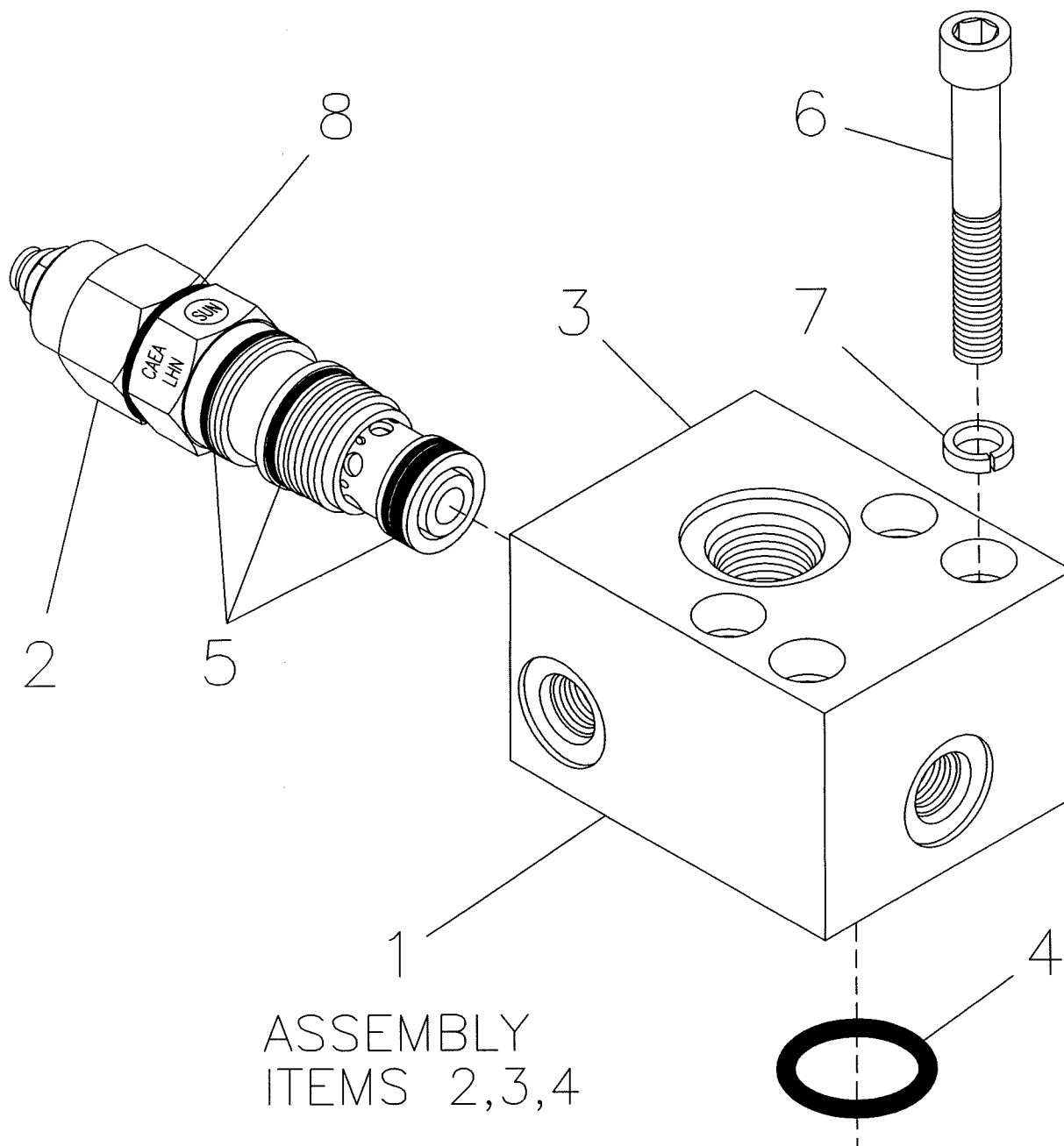
ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-02	MOTION VALVE ASSEMBLY	1
2	7-234-16	CARTRIDGE / CHECK	1
3	7-234-24	BODY	1
4	7-234-32	O-RING	1
5	7-234-31	SEAL KIT	1
6	6-5606-14	CAPSCREW SH 3/8 NC x 1 3/4 LG.	4
7	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4



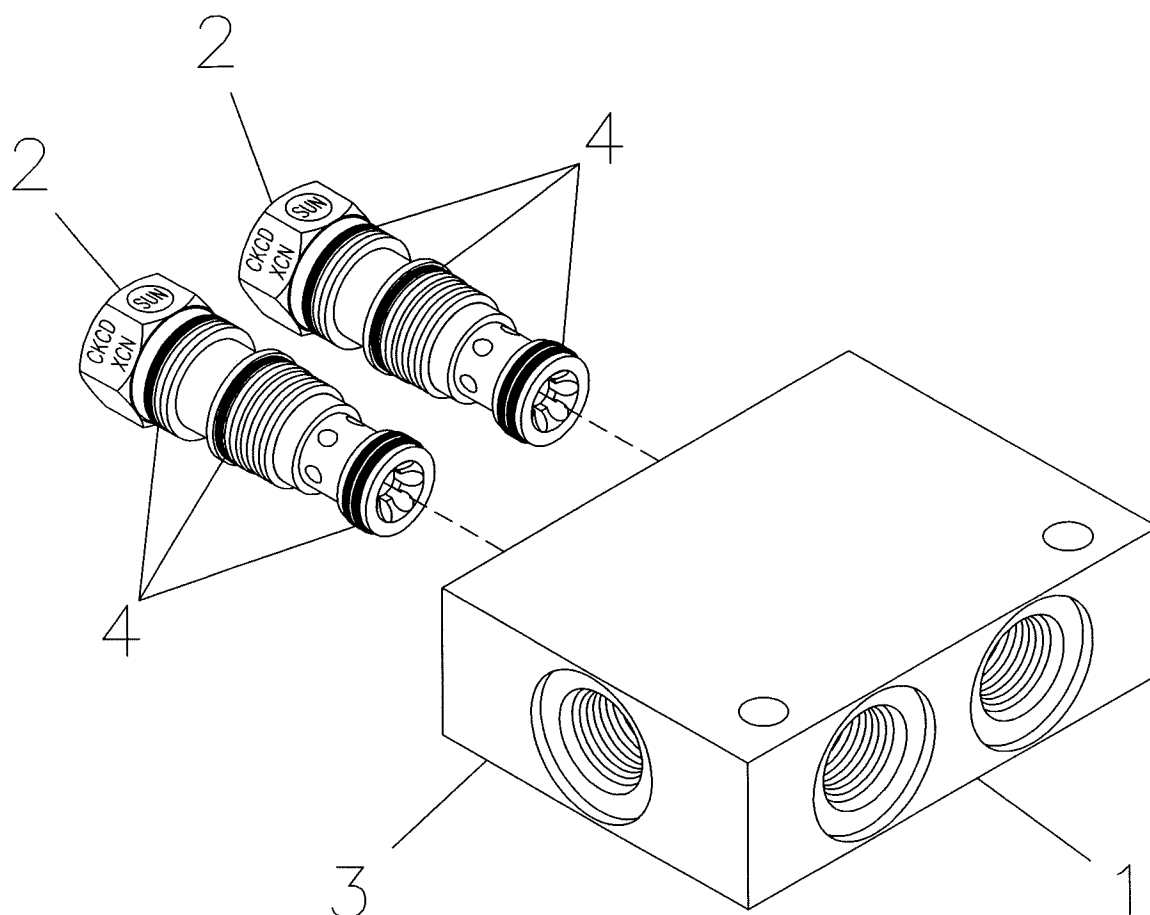
ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-01	MOTION VALVE ASSEMBLY	1
2	7-234-80	CARTRIDGE / CHECK	1
3	7-234-19	CARTRIDGE / COUNTERBALANCE	1
4	7-234-25	BODY	1
5	7-234-32	O-RING	1
6	7-234-29	SEAL KIT	1
7	7-234-31	SEAL KIT	1
8	6-5606-22	CAPSCREW SH 3/8 NC x 2 3/4 LG.	4
9	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4



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

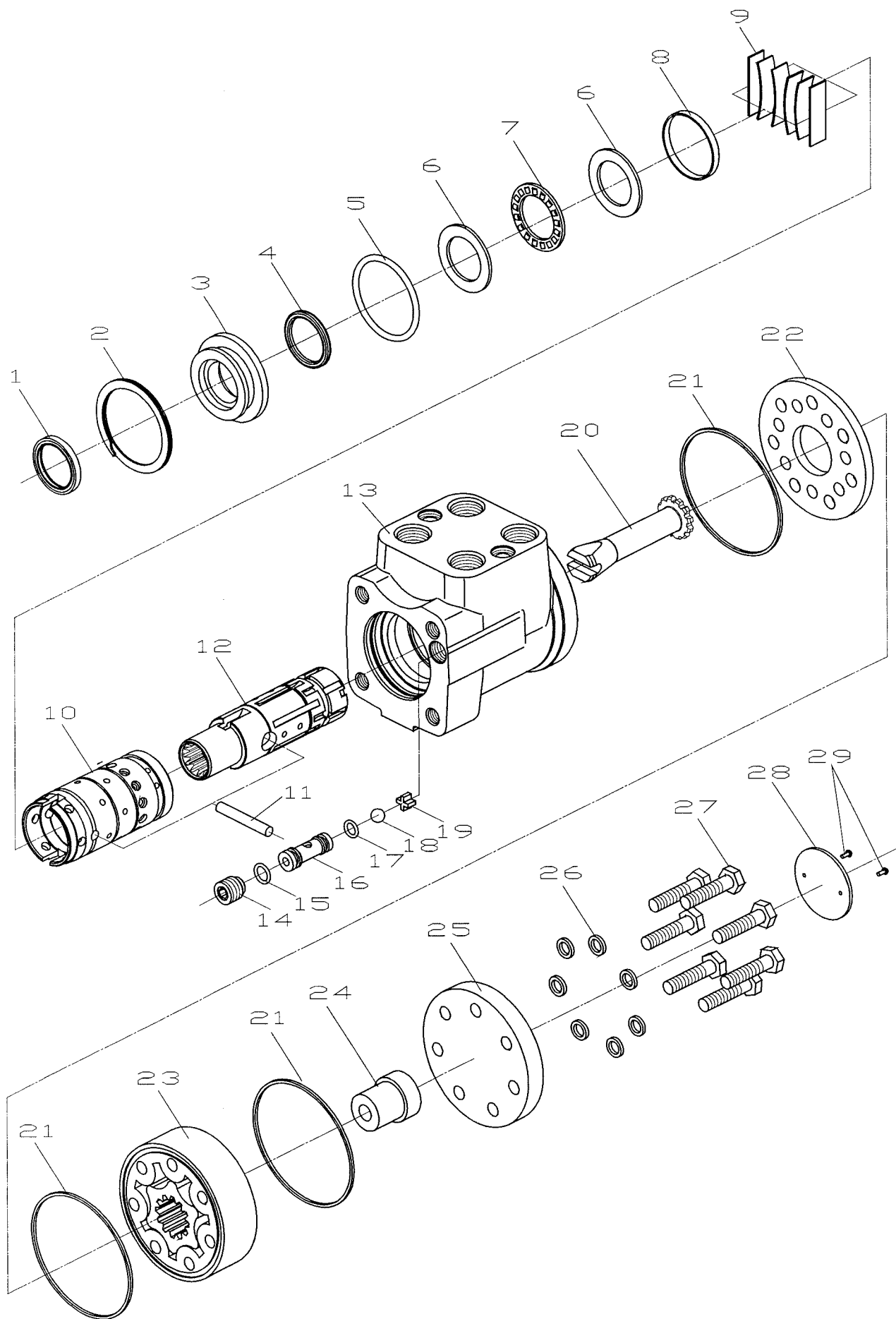


ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-54	MOTION VALVE ASSEMBLY	1
2	7-234-53	CARTRIDGE / COUNTERBALANCE	1
3	7-234-23	BODY	1
4	7-234-32	O-RING	1
5	7-234-30	SEAL KIT	1
6	6-5606-22	CAPSCREW SH 3/8 NC x 2 3/4 LG.	4
7	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4
8	7-234-60	O-RING	1

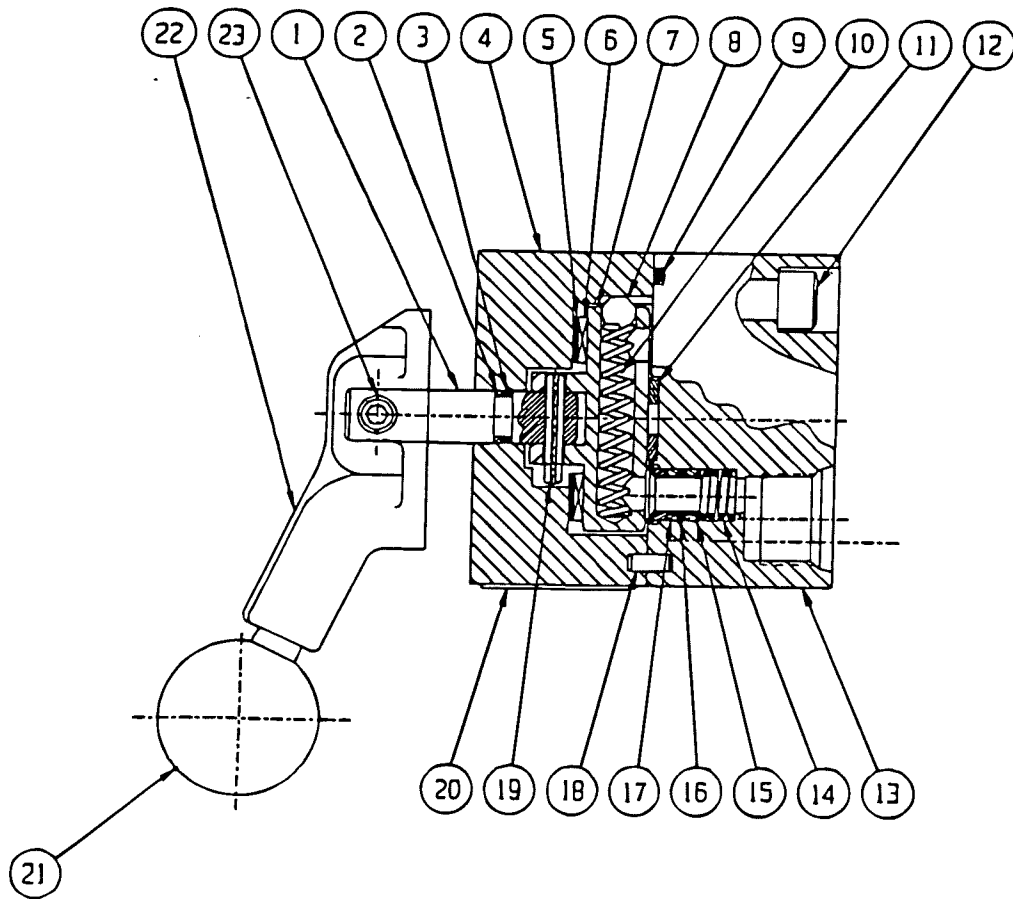


ASSEMBLY
ITEMS 2,3

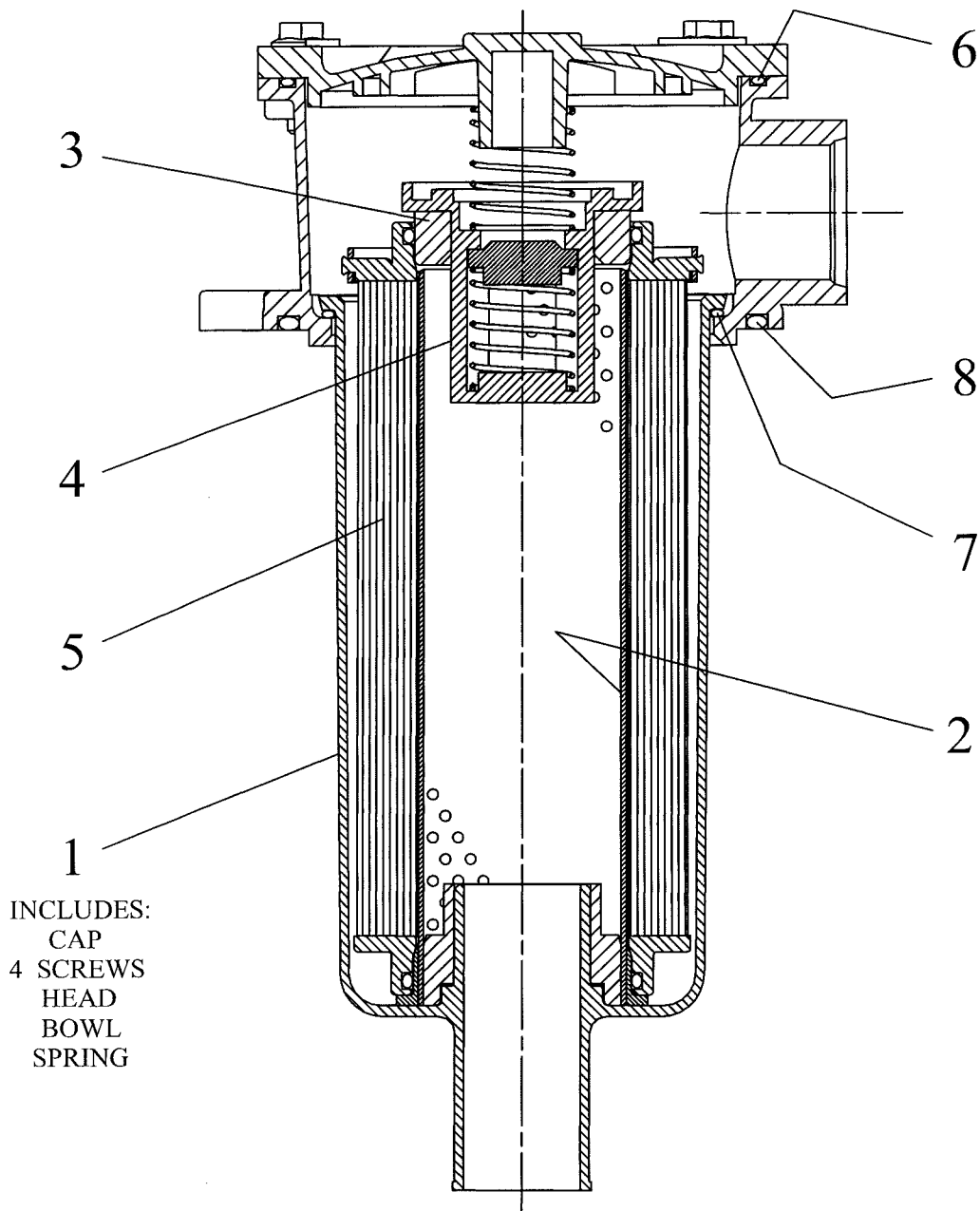
ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-04	DUAL PILOT CHECK VALVE ASSY	1
2	7-234-18	CARTRIDGE / PILOT CHECK	2
3	7-234-21	BODY	1
4	7-234-29	SEAL KIT	2



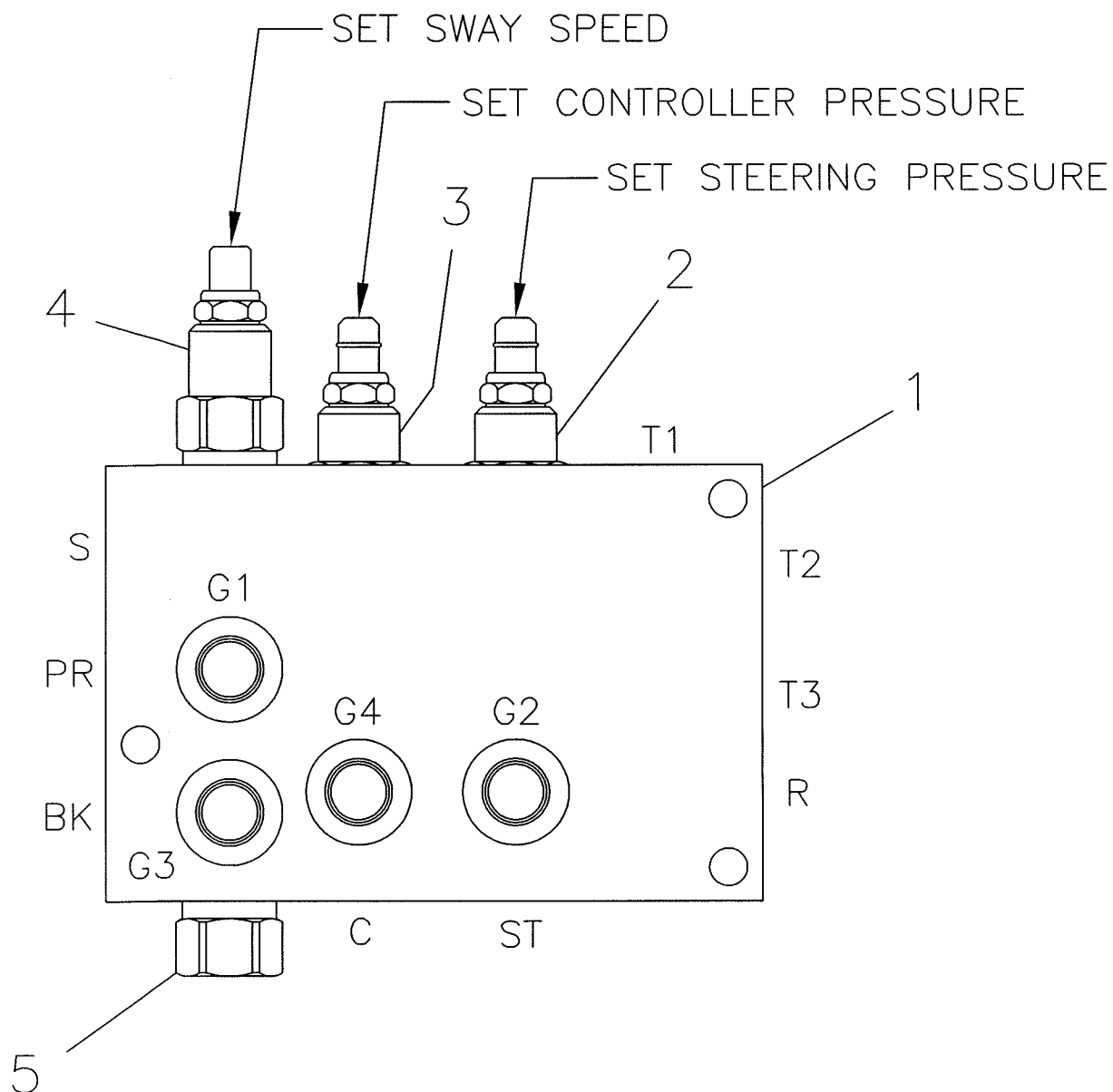
ITEM	NUMBER	DESCRIPTION	REQD
1	7-147-49	DUST SEAL* (INCLUDED WITH ITEM 30)	1
2	7-147-16	RETAINING RING	1
3	7-147-10	FRONT COVER	1
4	7-147-15	X-RING* (INCLUDED WITH ITEM 30)	1
5	7-147-09	O-RING* (INCLUDED WITH ITEM 30)	1
6	7-147-17	BEARING RACE 1	1
	7-147-19	BEARING RACE 2	1
7	7-147-18	THRUST BEARING	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



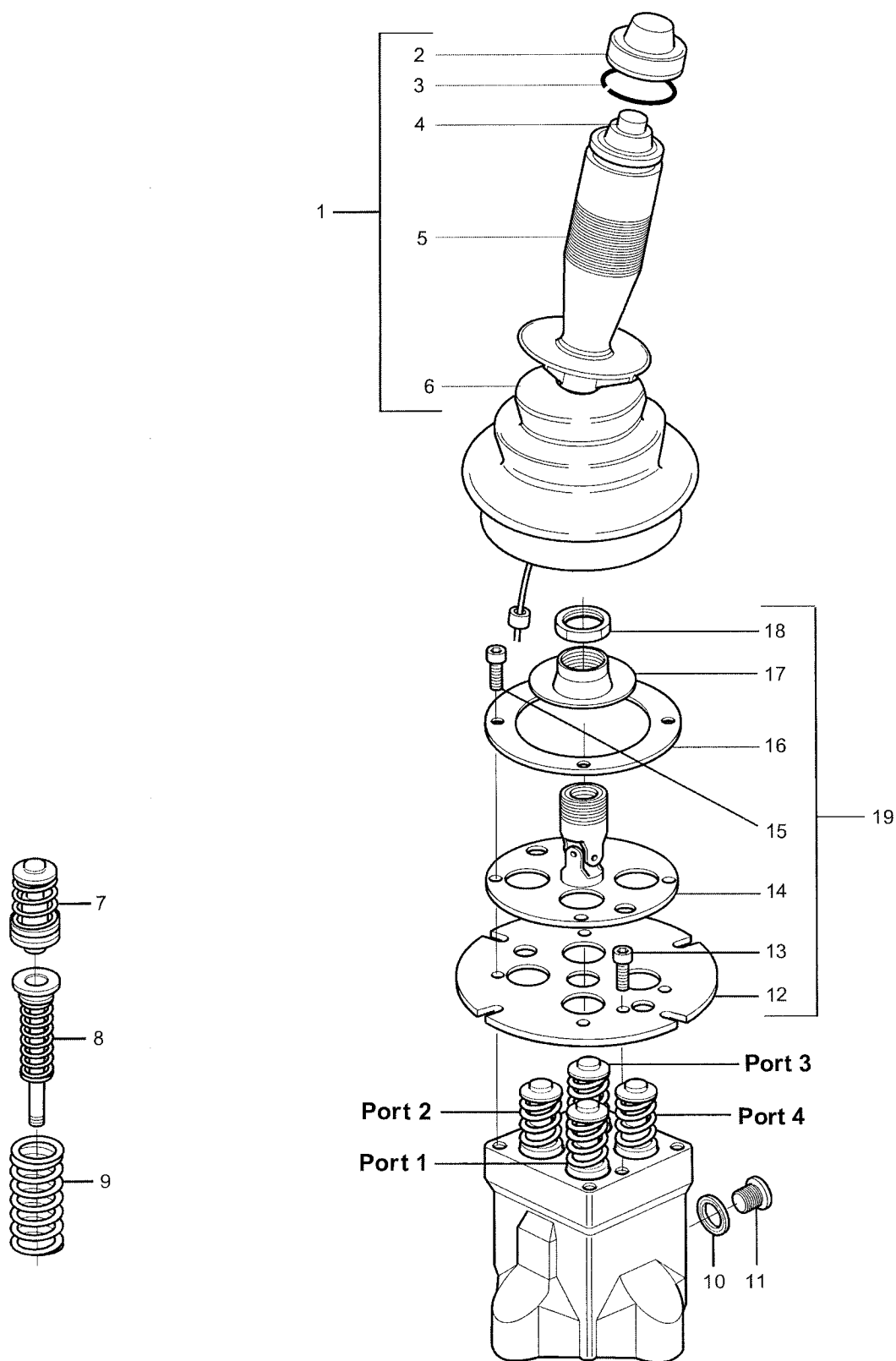
ITEM	NUMBER	DESCRIPTION	REQD
1		SHAFT	1
2	7-359-06	BACK UP RING - SHAFT	1
3	7-359-07	O-RING - SHAFT	1
4		HOUSING	1
5		THRUST WASHER	1
6	7-359-08	THRUST BEARING	1
7	7-359-09	ROTOR	1
8	7-359-10	BALL - DETENT	1
9	7-359-11	O-RING - HOUSING	1
10	7-359-12	SPRING - DETENT	1
11		WASHER - SPACER	1
12		SCREW - 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



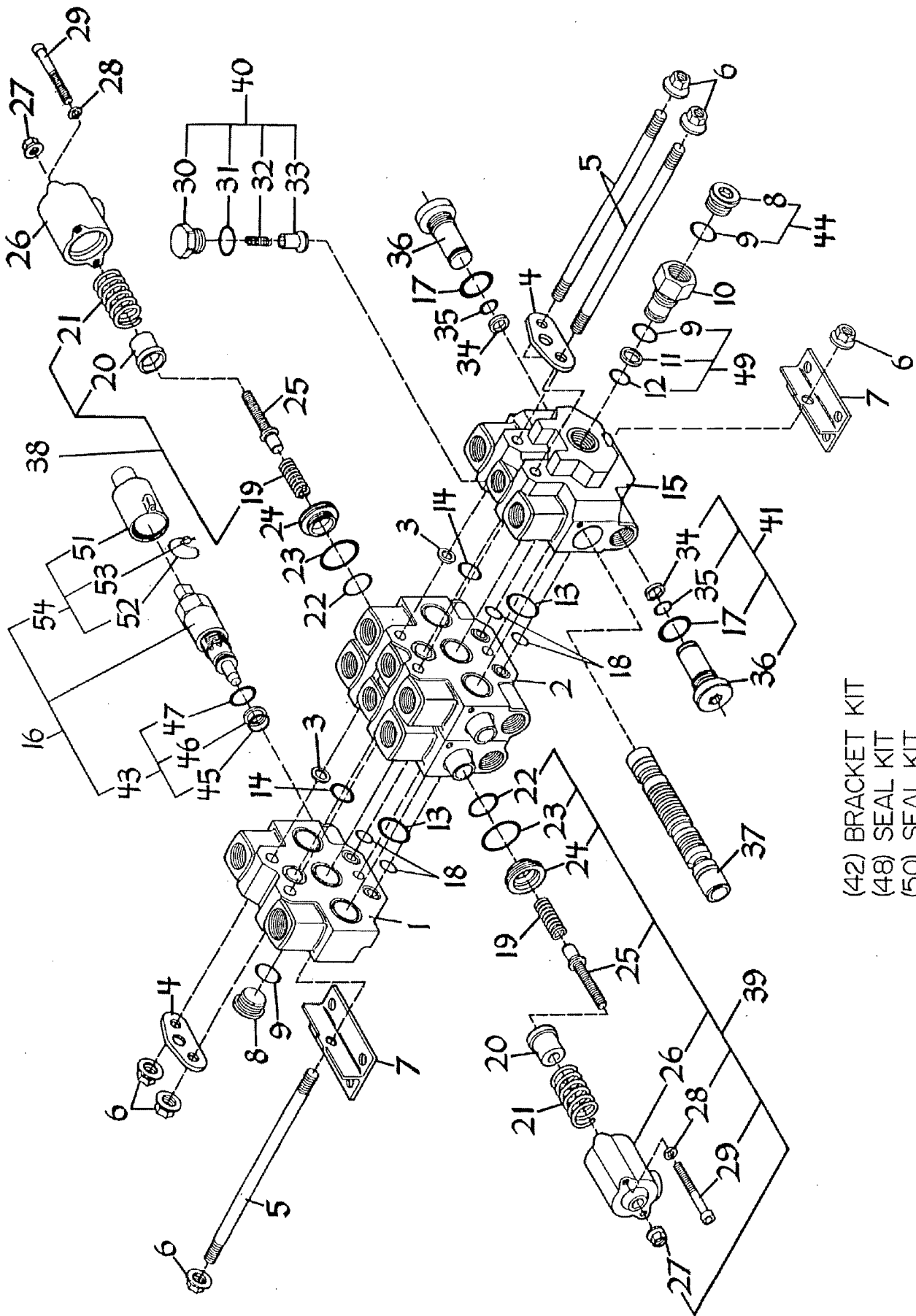
ITEM	NUMBER	DESCRIPTION	REQD
1	7-118-04	HOUSING SUB-ASSEMBLY	1
2	7-118-05	CORE ASSEMBLY	1
3	7-118-06	UPPER NIPPLE	1
4	7-118-07	BYPASS VALVE	1
5	7-118-02	ELEMENT / FILTER	1
6	7-118-03	O-RING	1
7	7-118-08	O-RING	1
8	7-118-09	O-RING	1



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

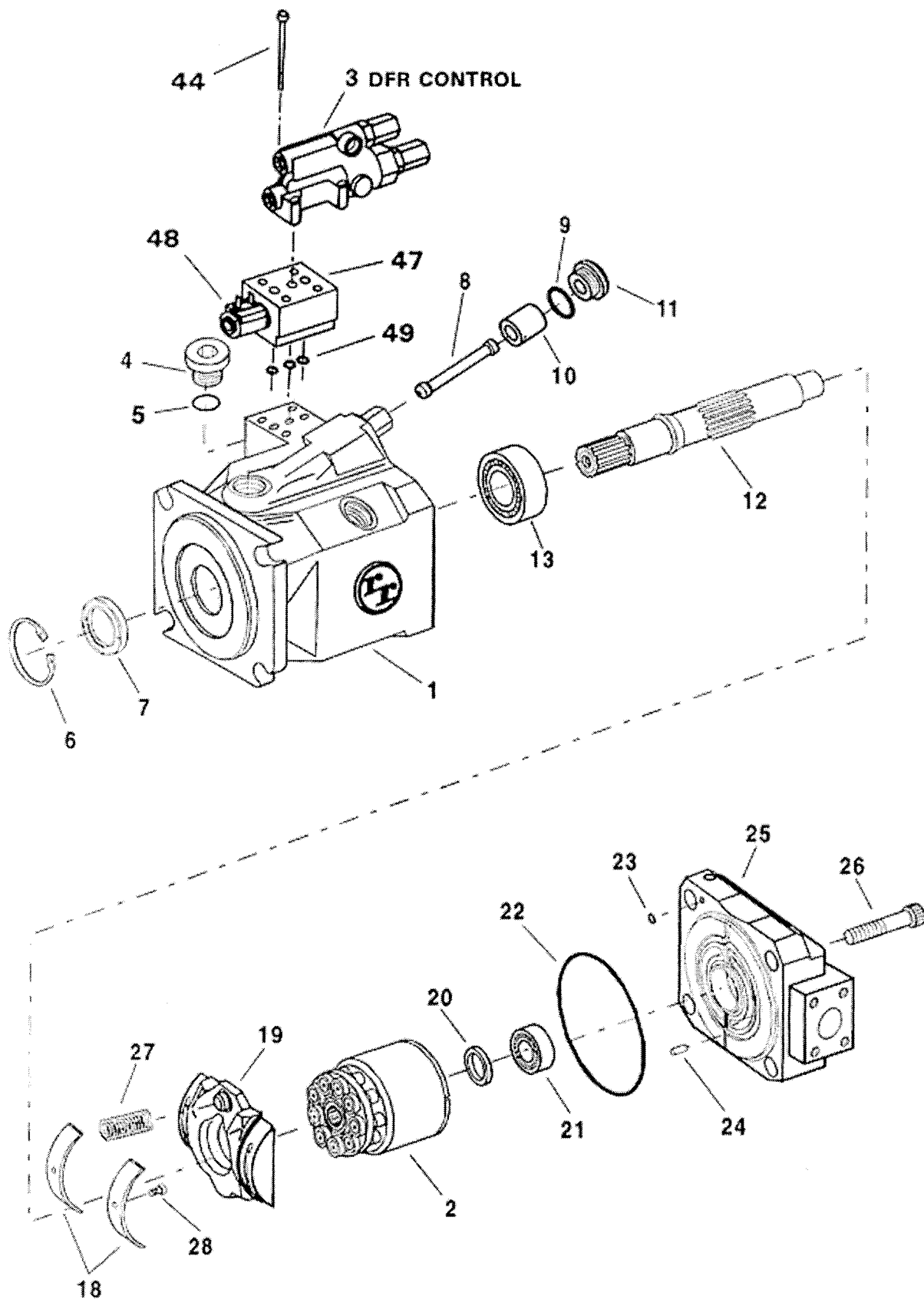


ITEM	NUMBER	DESCRIPTION	REQD
1	7-200-153	HANDLE ASSEMBLY (ITEMS 2 THRU 6)	REF
2	7-200-09	RUBBER CAP (INCLUDED w/ ITEM 1)	1
3	7-200-10	LOCK RING (INCLUDED w/ ITEM 1)	1
4	7-200-07	SWITCH (INCLUDED w/ ITEM 1)	1
5		HANDLE (INCLUDED w/ ITEM 1)	1
6	7-200-154	BELLOWS (INCLUDED w/ ITEM 1)	1
7	7-200-128	PIN SET (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

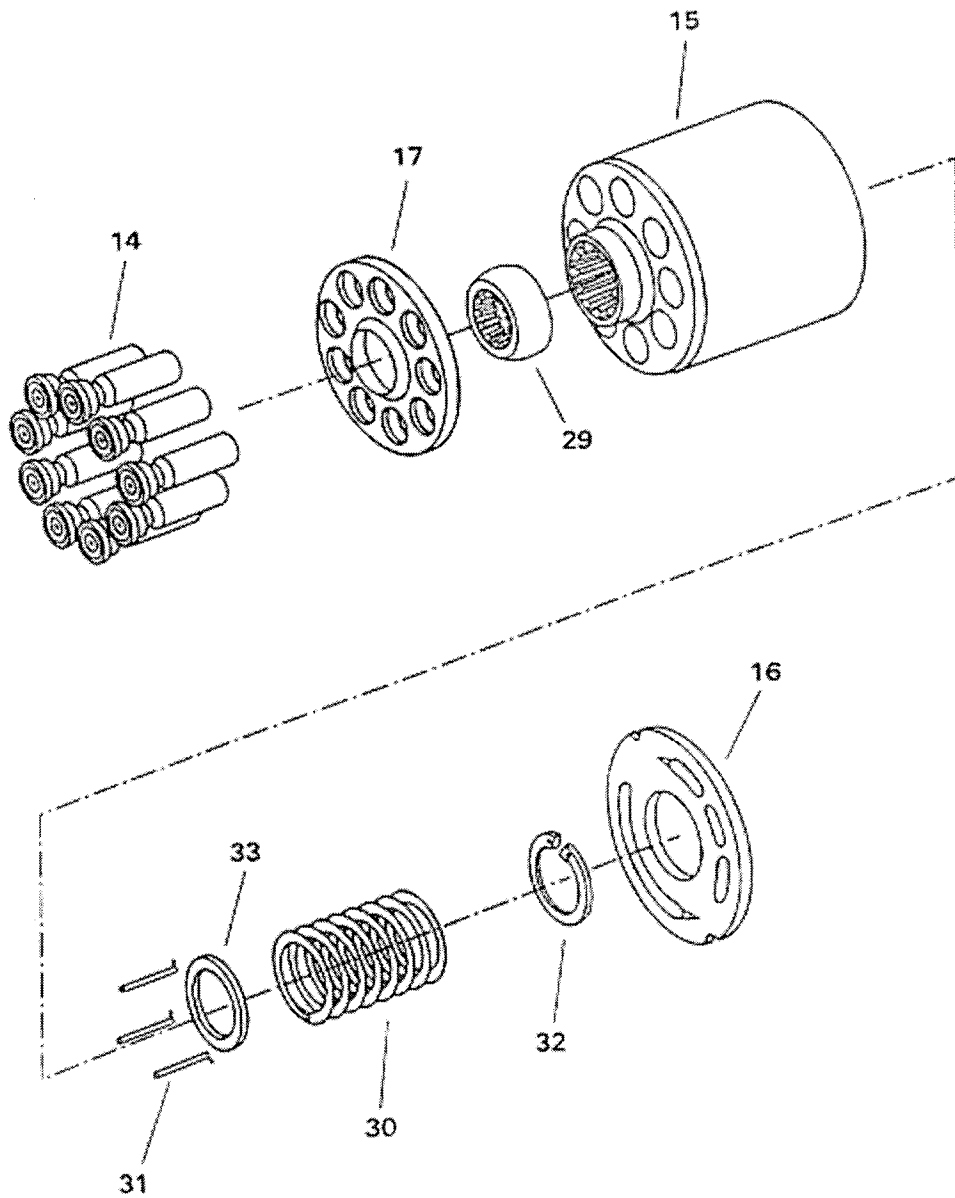


(42) BRACKET KIT
 (48) SEAL KIT
 (50) SEAL KIT

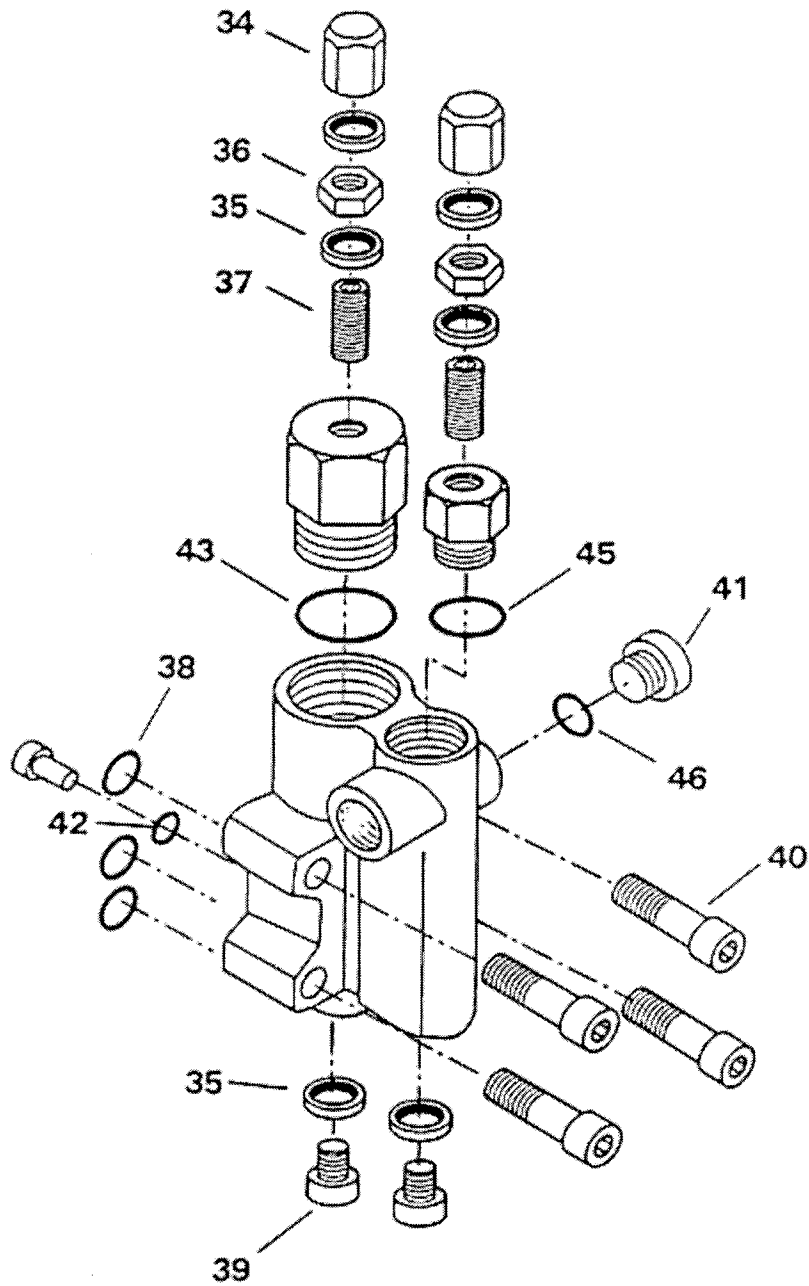
ITEM	NUMBER	DESCRIPTION	REQD
1	7-200-117	INLET SECTION with SPOOL	1
2	7-200-118	CONTROL SECTION with SPOOLS	1
3	7-200-50	SPACER	6
4	7-200-91	LIFTING LUG	2
5	7-200-44	TIE ROD	3
6	7-200-45	FLANGE NUT	6
7	7-200-46	BRACKET	2
8	7-200-39	PLUG	2
9	7-200-92	O-RING	3
10	7-200-38	ADAPTER	1
11	7-200-93	BACK-UP 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
DRAWING NUMBER	P4-1425	MAIN VALVE ASSEMBLY / 7-200-80 TH644C	PAGE NUMBER 52A



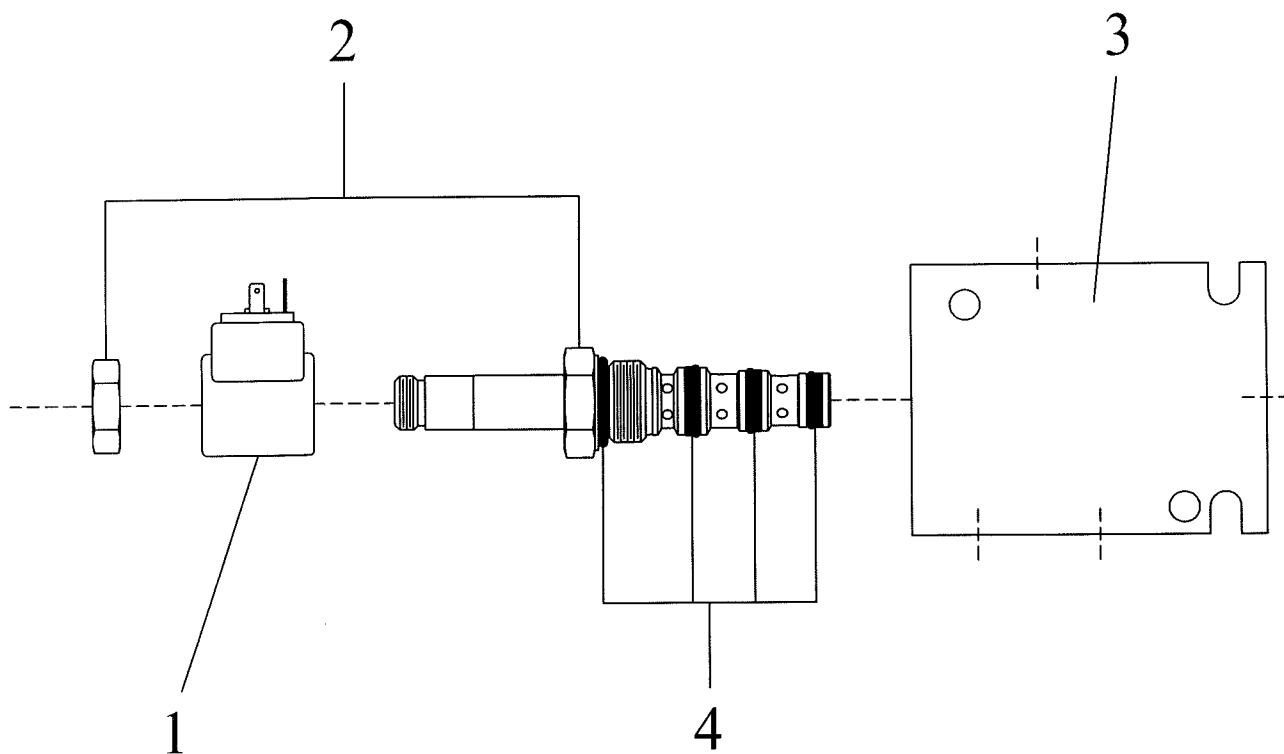
ITEM 2
 ROTARY GROUP CW
 PARTS BREAKDOWN



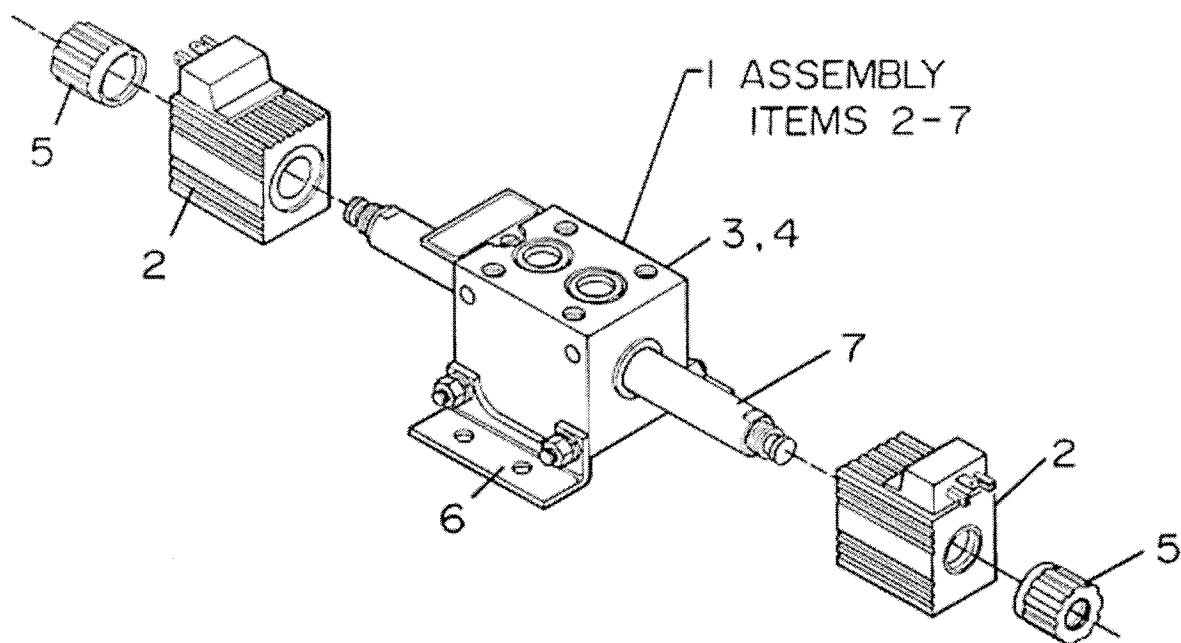
ITEM 3
DFR CONTROL
PARTS BREAKDOWN



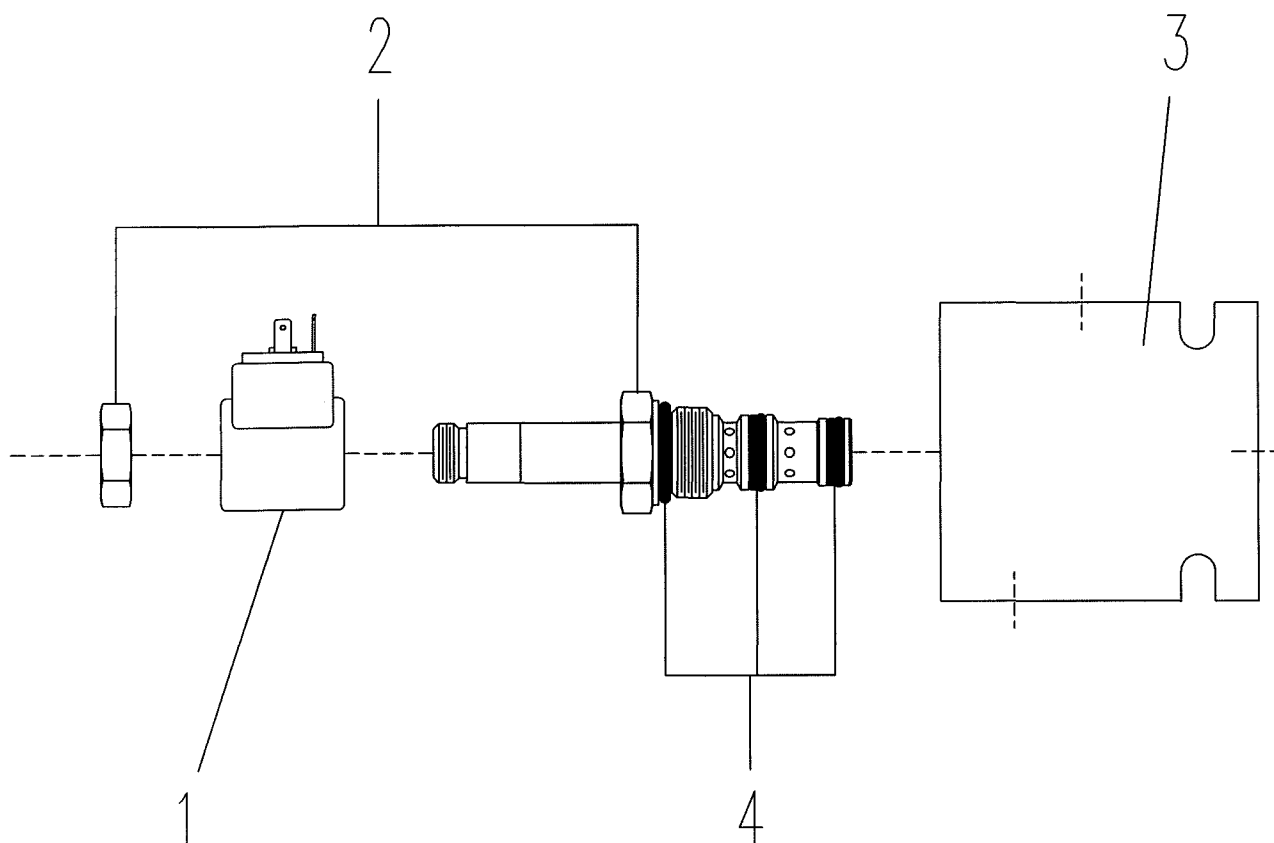
ITEM	NUMBER	DESCRIPTION	REQD
1	7-345-159	HOUSING ASSEMBLY	1
2	7-345-160	ROTARY GROUP CW	1
3	7-345-140	DFR CONTROL	1
4	7-345-05	PLUG	1
5	7-345-06	O-RING (*)	1
6	7-345-08	SNAP RING	1
7	7-345-09	SHAFT SEAL (*)	1
8	7-345-10	ROD	1
9	7-345-11	O-RING (*)	1
10	7-345-12	PISTON	1
11	7-345-161	PLUG	1
12	7-345-162	SHAFT	1
13	7-345-163	TAPERED ROLLER BEARING	1
14	7-345-27	PISTON	9
15	7-345-28	BARREL	1
16	7-345-158	LENS PLATE	1
17	7-345-30	RETAINING PLATE	1
18	7-345-16	SWASH PLATE BEARING	2
19	7-345-164	SWASH PLATE	1
20	7-345-18	PRELOAD SHIM	1
21	7-345-19	TAPERED ROLLER BEARING	1
22	7-345-20	O-RING (*)	1
23	7-345-21	QUAD RING (*)	2
24	7-345-22	DOWEL PIN	1
25	7-345-23	BLOCK PORT ASSEMBLY	1
26	7-345-24	CAPSCREW	4
27	7-345-25	SPRING	1
28	7-345-26	SCREW	2
29	7-345-31	RETAINING BALL	1
30	7-345-32	SPRING	1
31	7-345-157	PRESSURE PIN	3
32	7-345-34	SEEGER V-RING	1
33	7-345-35	DISC-RETAINING CLIP	1
34	7-345-36	ACORN NUT	2
35	7-345-37	USIT RING (*)	6
36	7-345-38	JAM NUT	2
37	7-345-39	ADJUSTING SCREW	2
38	7-345-40	O-RING (*)	3
39	7-345-41	PLUG	2
40	7-345-42	CAPSCREW	4
41	7-345-43	PLUG	1
42	7-345-45	O-RING (*)	1
43	7-345-46	O-RING (*)	1
44	7-345-53	BOLT	4
45	7-345-47	O-RING (*)	1
46	7-345-44	O-RING (*)	1
47	7-345-49	BLOCK	1
48	7-345-50	CARTRIDGE / 3-WAY	1
49	7-345-52	O-RING	3
50	7-345-48	SEAL KIT / ITEMS MARKED (*)	REF
51	7-345-51	SEAL KIT (FOR ITEM #48)	REF



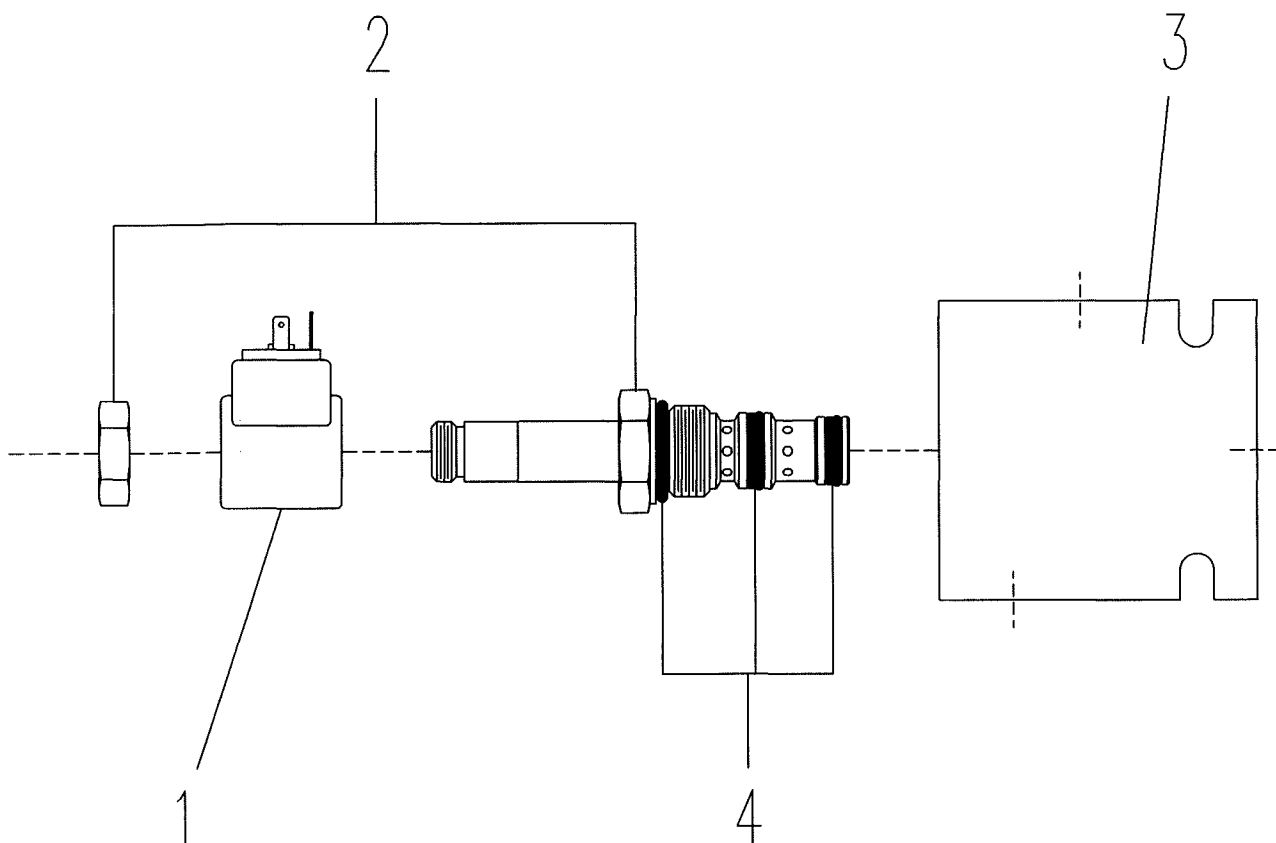
ITEM	NUMBER	DESCRIPTION	REQD
1	7-367-05	COIL / DIN	1
2	7-367-10	CARTRIDGE ASSEMBLY w/ NUT	1
3	7-367-11	BODY	1
4	7-367-19	SEAL KIT	1



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

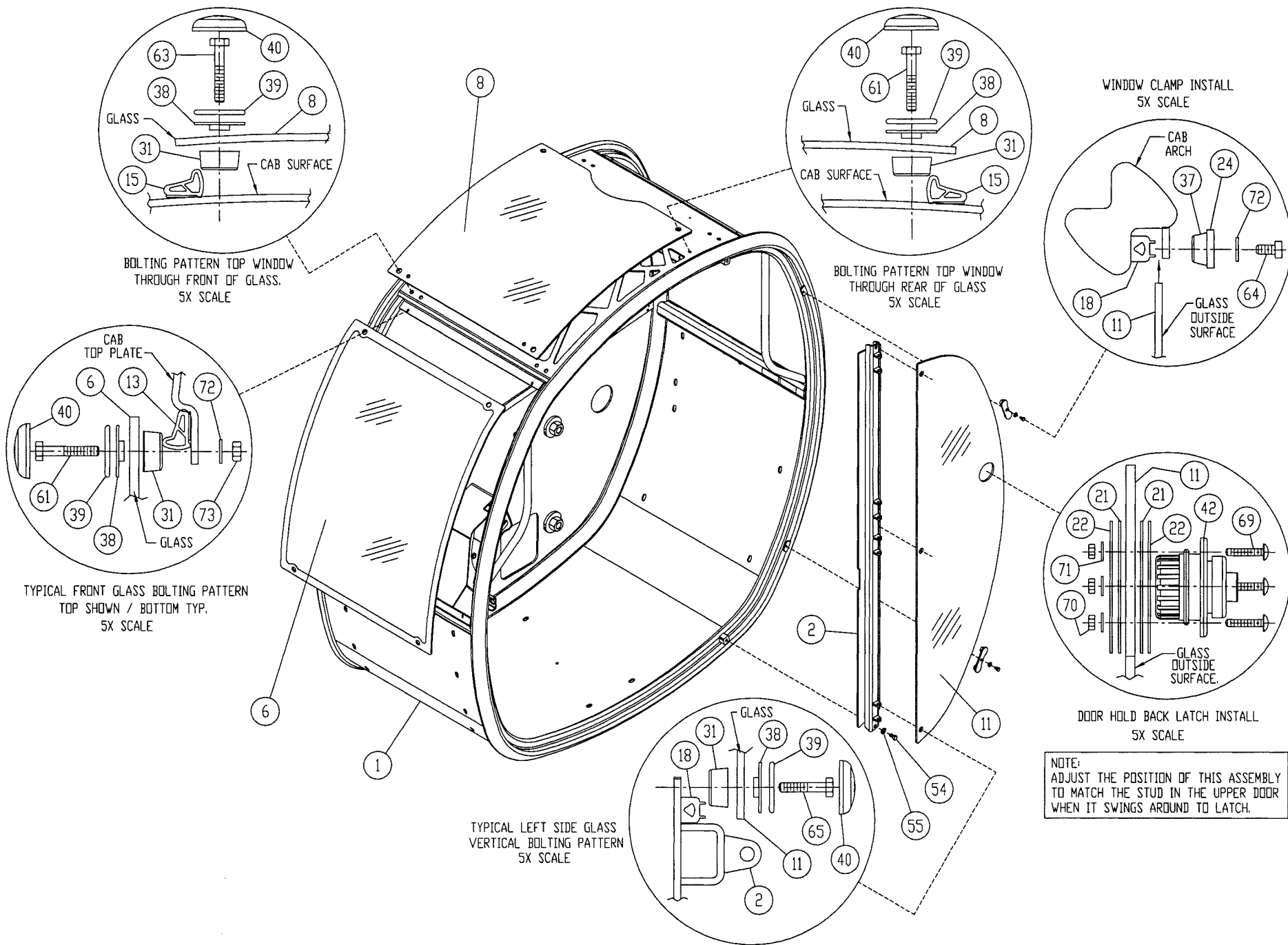


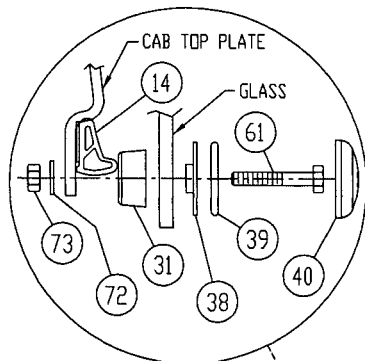
ITEM	NUMBER	DESCRIPTION	REQD
1	7-367-05	COIL / DIN	1
2	7-367-14	CARTRIDGE ASSEMBLY w/ NUT	1
3	7-367-04	BODY	1
4	7-367-18	SEAL KIT / CARTRIDGE	REF



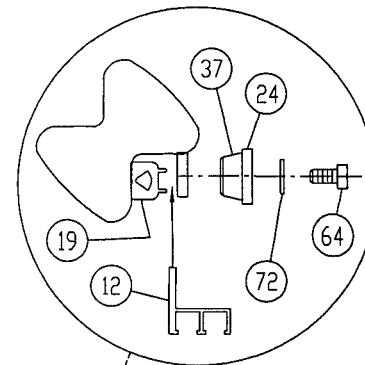
ITEM	NUMBER	DESCRIPTION	REQD
1	7-367-05	COIL / DIN	1
2	7-367-03	CARTRIDGE ASSEMBLY w/ NUT	1
3	7-367-04	BODY	1
4	7-367-18	SEAL KIT / CARTRIDGE	REF

OPTIONAL EQUIPMENT SECTION

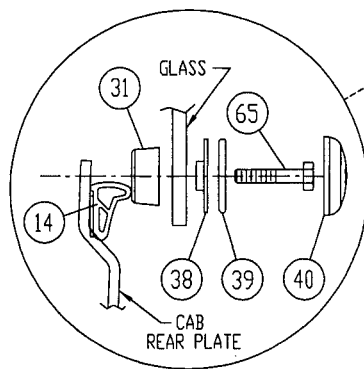




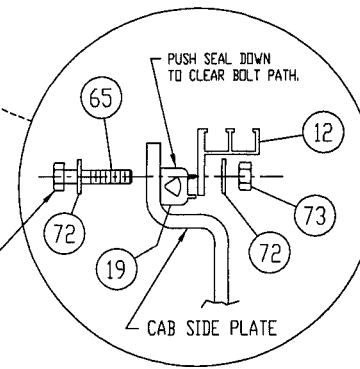
TYPICAL REAR GLASS
TOP EDGE BOLTING PATTERN
5X SCALE



WINDOW CLAMP INSTALL
5X SCALE



TYPICAL REAR GLASS
BOTTOM EDGE BOLTING PATTERN
5X SCALE



TYPICAL BOTTOM EDGE
BOLTING PATTERN
5X SCALE

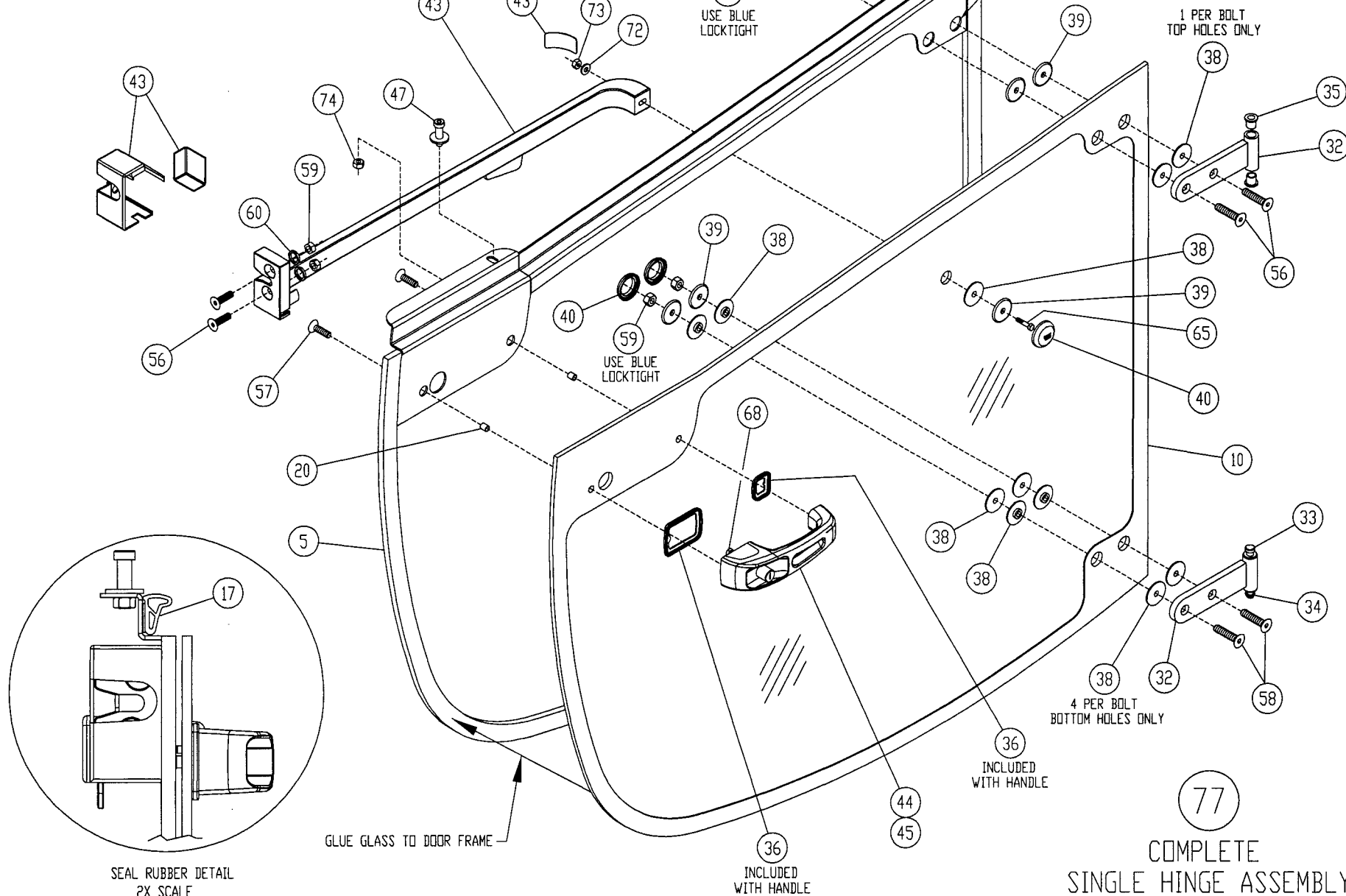
BOLT HEAD INSIDE FOR
THE 3 REAR HOLES, OUTSIDE
FOR THE FRONT HOLE

NOTE:
THIS PATTERN USES THE
5/16" DRILLED THROUGH
HOLES IN THE SIDE PLATE

76

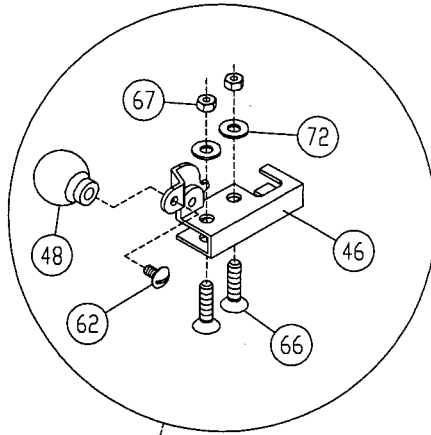
COMPLETE LOWER DOOR ASSEMBLY

NOTE:
MODIFIED HANDLE!

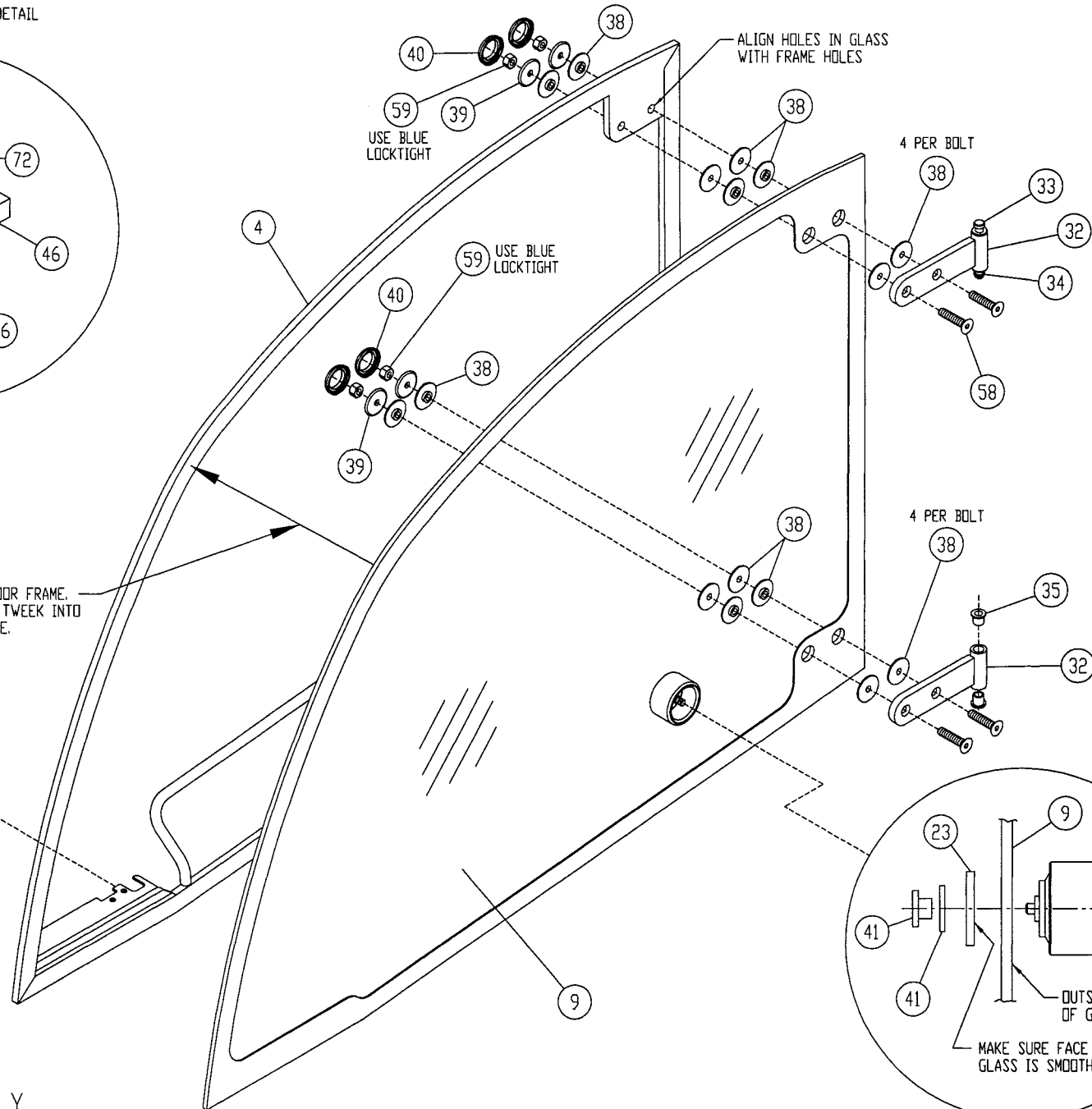


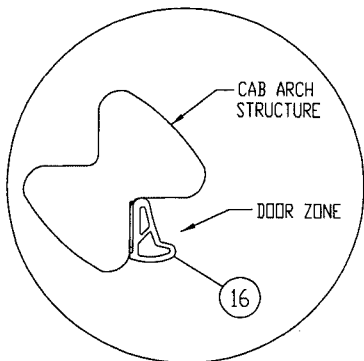
77

COMPLETE SINGLE HINGE ASSEMBLY

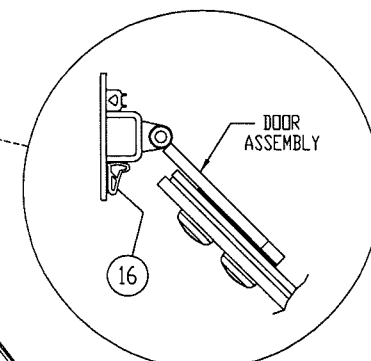
UPPER DOOR LATCH DETAIL
2X SCALEGLUE GLASS TO DOOR FRAME.
BE SURE TO HOLD TWEEK INTO
FRAME DURING CURE.

75

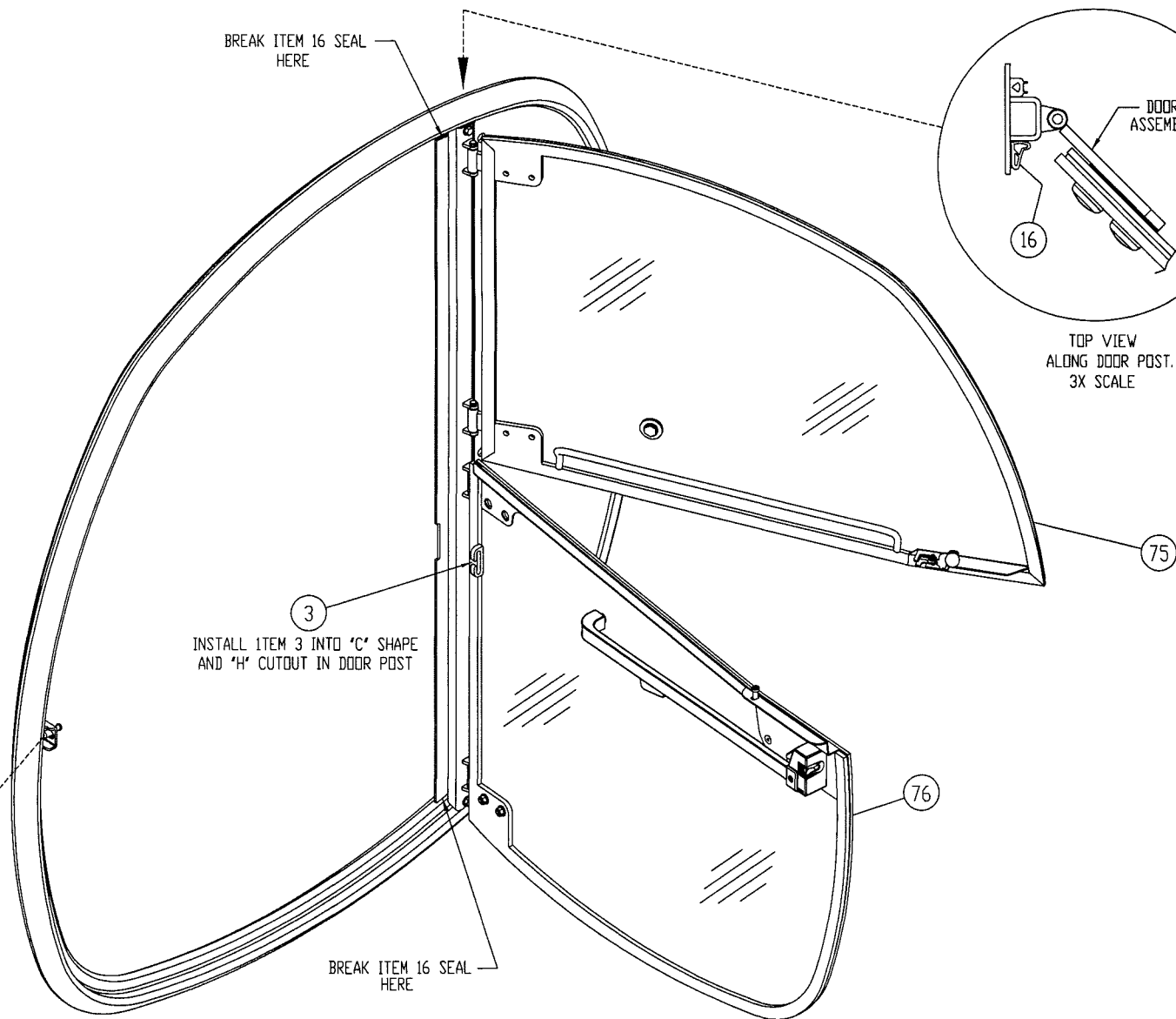
COMPLETE
UPPER DOOR ASSEMBLYDOOR HOLD BACK STUD INSTALL
2X SCALE



SEAL RUBBER AROUND
DOOR ZONE DETAIL.
4X SCALE

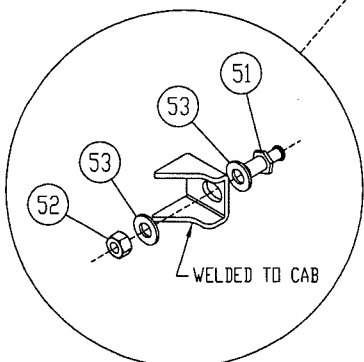


TOP VIEW
ALONG DOOR POST.
3X SCALE



INSTALL ITEM 3 INTO 'C' SHAPE
AND 'H' CUTOUT IN DOOR POST

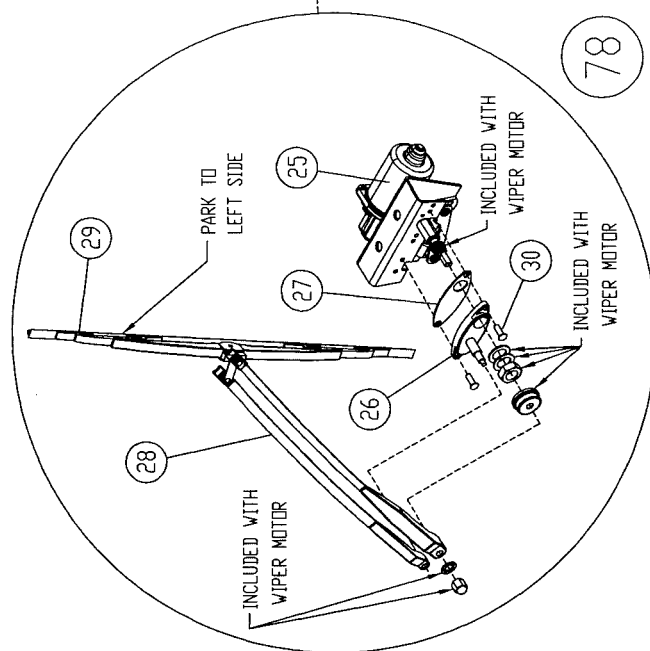
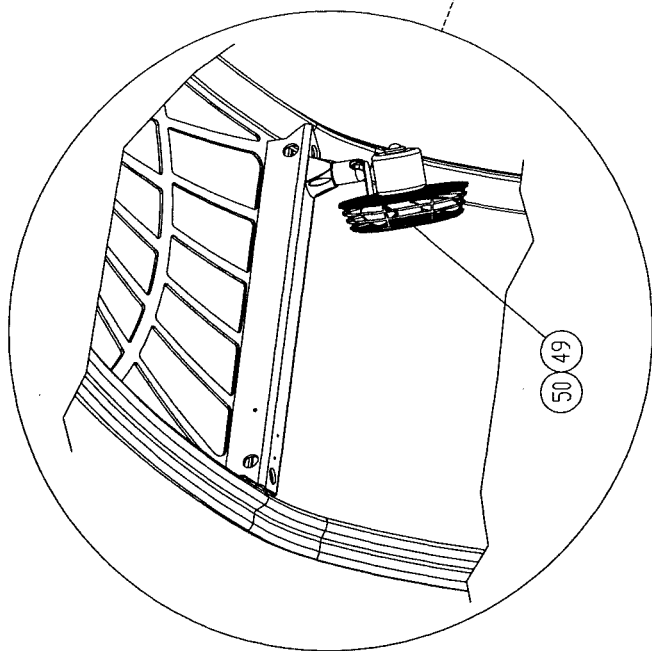
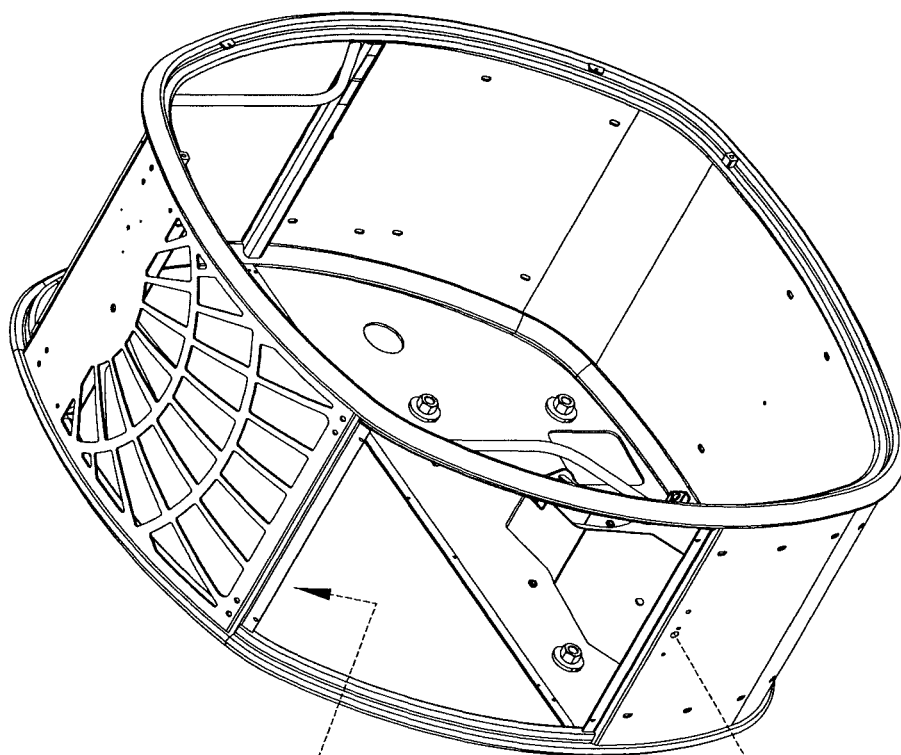
BREAK ITEM 16 SEAL
HERE



STRIKER BOLT DETAIL
4X SCALE

NOTES:

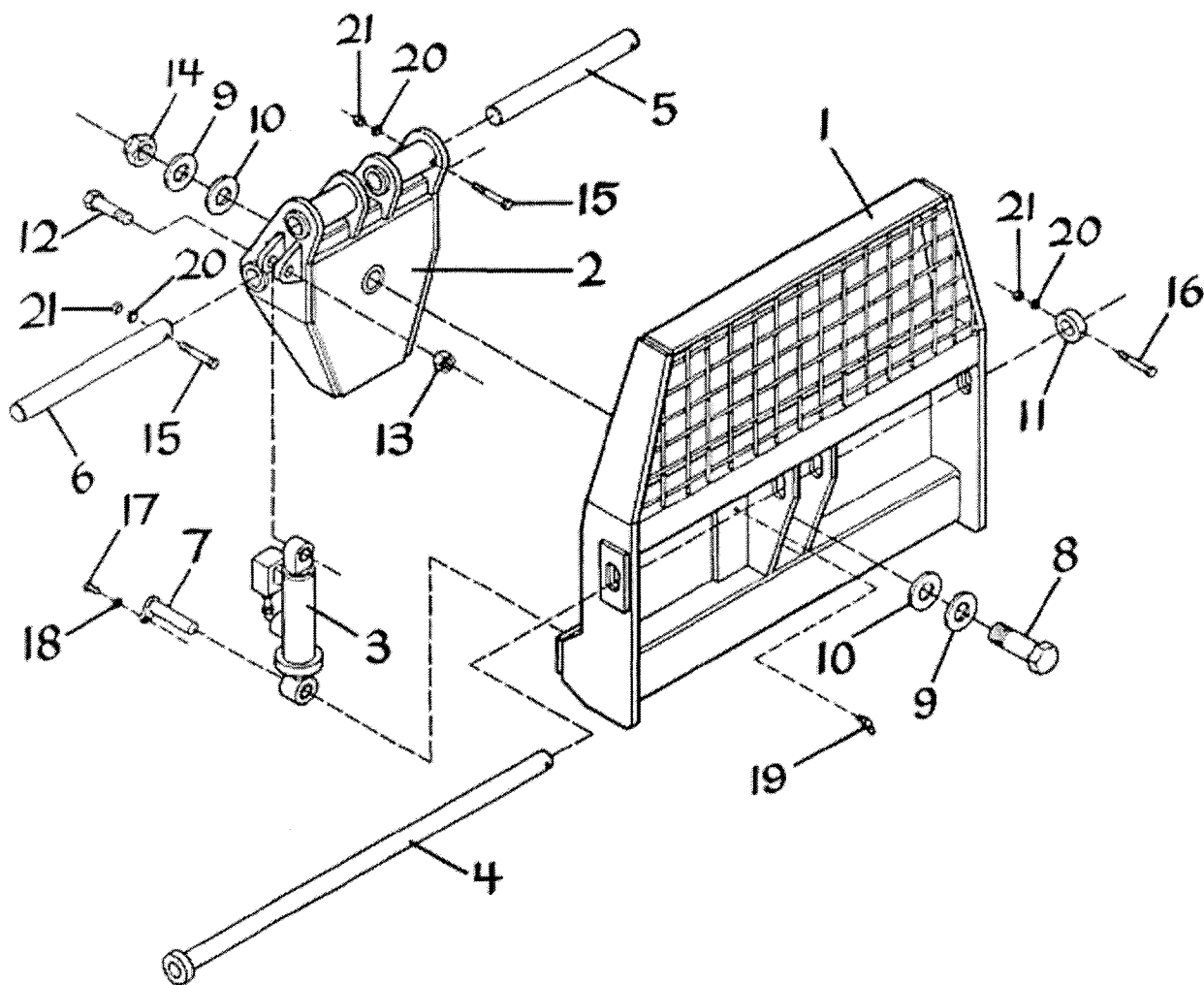
- 1 - INSTALL BOTTOM DOOR FIRST.
- 2 - ADJUST STRIKER BOLT/LATCH SYSTEM FOR SMOOTH OPERATION.
- 3 - INSTALL UPPER DOOR.
- 4 - ADJUST UPPER DOOR LATCH FOR SMOOTH OPERATION.
- 5 - INSTALL DOOR STRAP.
- 6 - ADJUST UPPER DOOR HOLDBACK POSITION FOR SMOOTH OPERATION.
- 7 - VERIFY DOOR SEALS ALL AROUND.
- 8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



78) FRONT WIPER KIT

ITEM	NUMBER	DESCRIPTION	REQD
1	7-132-168	WELDMENT / OPEN CAB MODULE	1
2	7-132-184	POST / DOOR	1
3	7-132-183	STRAP / DOOR / 6 INCH	1
4	7-132-186	FRAME / UPPER DOOR	1
5	7-132-187	FRAME / LOWER DOOR	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	7-132-176	GLASS / LOWER DOOR	1
11	7-132-177	GLASS / LEFT HAND REAR	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	7-132-146	SEAL / RUBBER / LH REAR GLASS	140"
19	7-132-146	SEAL / RUBBER / RH SLIDER ASSEMBLY	176"
20	7-132-216	SLEEVE / PLASTIC	2
21	7-132-195	GASKET / DOOR HOLDBACK	2
22	7-132-188	RING / DOOR HOLDBACK MOUNT	2
23	7-132-189	WASHER / DOOR HOLDBACK MOUNT	1
24	7-132-145	RETAINER / WINDOW	4
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	7-132-163	SPACER / GLASS	15
32	7-132-185	HINGE / DOOR	4
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	8
38	7-132-85	SEAL WASHER / PLASTIC	42
39	7-132-84	WASHER / HARD PLASTIC	26
40	7-132-74	STC COVER CAP	24
41	7-132-196	STUD / DOOR HOLDBACK	1
42	7-132-197	LATCH / DOOR HOLDBACK	1
43	7-132-198	HANDLE / DOOR INSIDE LATCH	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

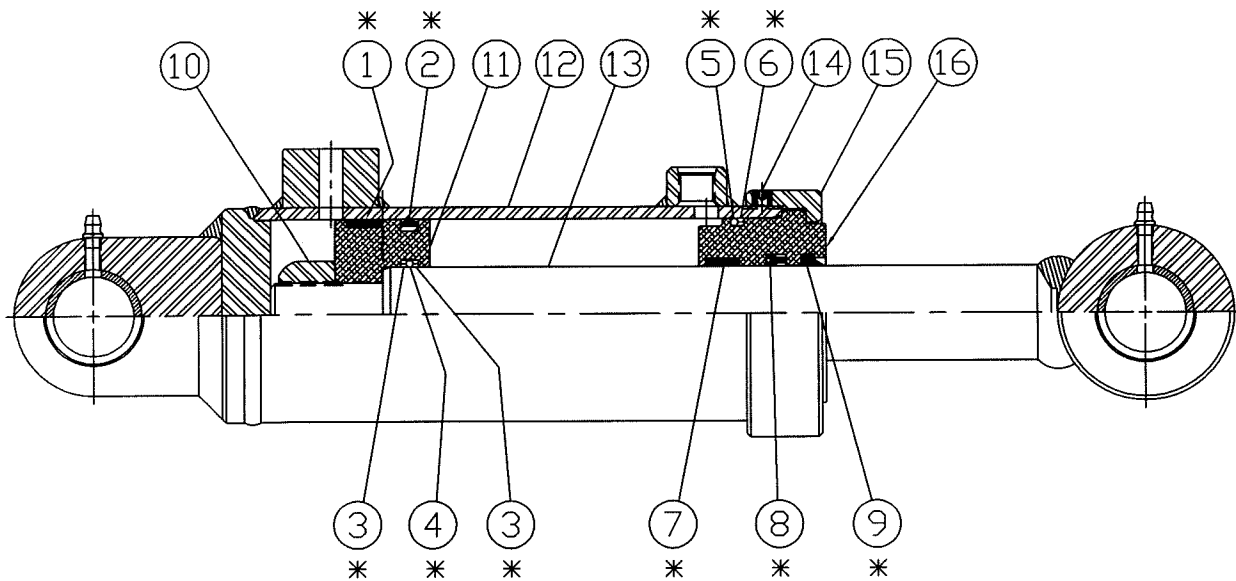
ITEM	NUMBER	DESCRIPTION	REQD
49	7-347-02	DEFROSTER FAN w/ SWITCH	1
50	6-5603-06	CAPSCREW SH #10-24 x 3/4 LG.	2
51	7-132-41	BOLT / STRIKER	1
52	6-9101-12	HEX NUT 12mm	1
53	6-6212-08	FLATWASHER 1/2	2
54	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	2
55	6-6212-06	FLATWASHER 3/8	2
56	7-173-14	BOLT 8mm x 35mm C-SUNK ALLEN HD.	4
57	7-173-15	BOLT 8mm x 30mm C-SUNK ALLEN HD.	2
58	7-173-16	BOLT 8mm x 40mm C-SUNK ALLEN HD.	6
59	6-9105-08	SELF-LOCKING NUT 8mm	10
60	6-9112-08	FLATWASHER 8mm	2
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.	4
65	6-5204-10	CAPSCREW 1/4 NC x 1 1/4 LG.	10
66	7-173-17	BOLT 6mm x 30mm C-SUNK ALLEN HD.	2
67	6-9105-06	SELF-LOCKING NUT 6mm	2
68	6-8506-30	CAPSCREW 6mm x 1.00 x 30mm LG.	1
69	7-173-18	BOLT #10-24 x 1 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	19
73	6-6205-04	SELF-LOCKING NUT 1/4 NC	11
74	6-6205-05	SELF-LOCKING NUT 5/16 NC	1
75	7-132-204	DOOR ASSEMBLY COMPLETE / UPPER	REF
76	7-132-205	DOOR ASSEMBLY COMPLETE / LOWER	REF
77	7-132-203	KIT / HINGE ASSY. (ITEMS 32 THRU 35)	4
78	7-132-207	KIT / FRONT WIPER (ITEMS 25 THRU 30)	REF



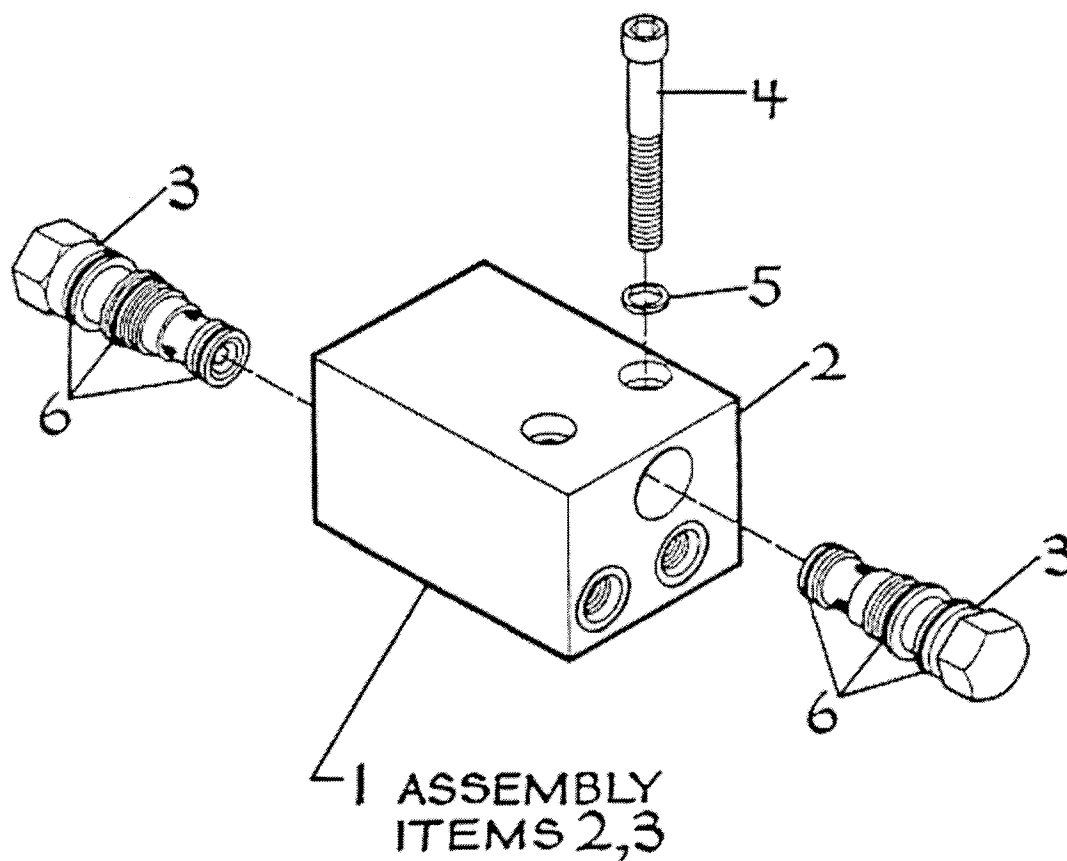
ITEM	NUMBER	DESCRIPTION	REQD
1	SEE TABLE	ROTATING FORK FRAME	REF
2	4-1528	PIVOT FRAME / TH644C-842C-844C	1
3	7-379-01	CYLINDER / ROTATE	1
4	SEE TABLE	PIN / FORK TINE	REF
5	6-3016-01	PIN / HEAD END TILT CYLINDER	1
6	6-3316-168	PIN / PIVOT SMALL BOOM	REF
7	2-1066	PIN / HEAD END ROTATE CYLINDER	1
8	1-1072	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

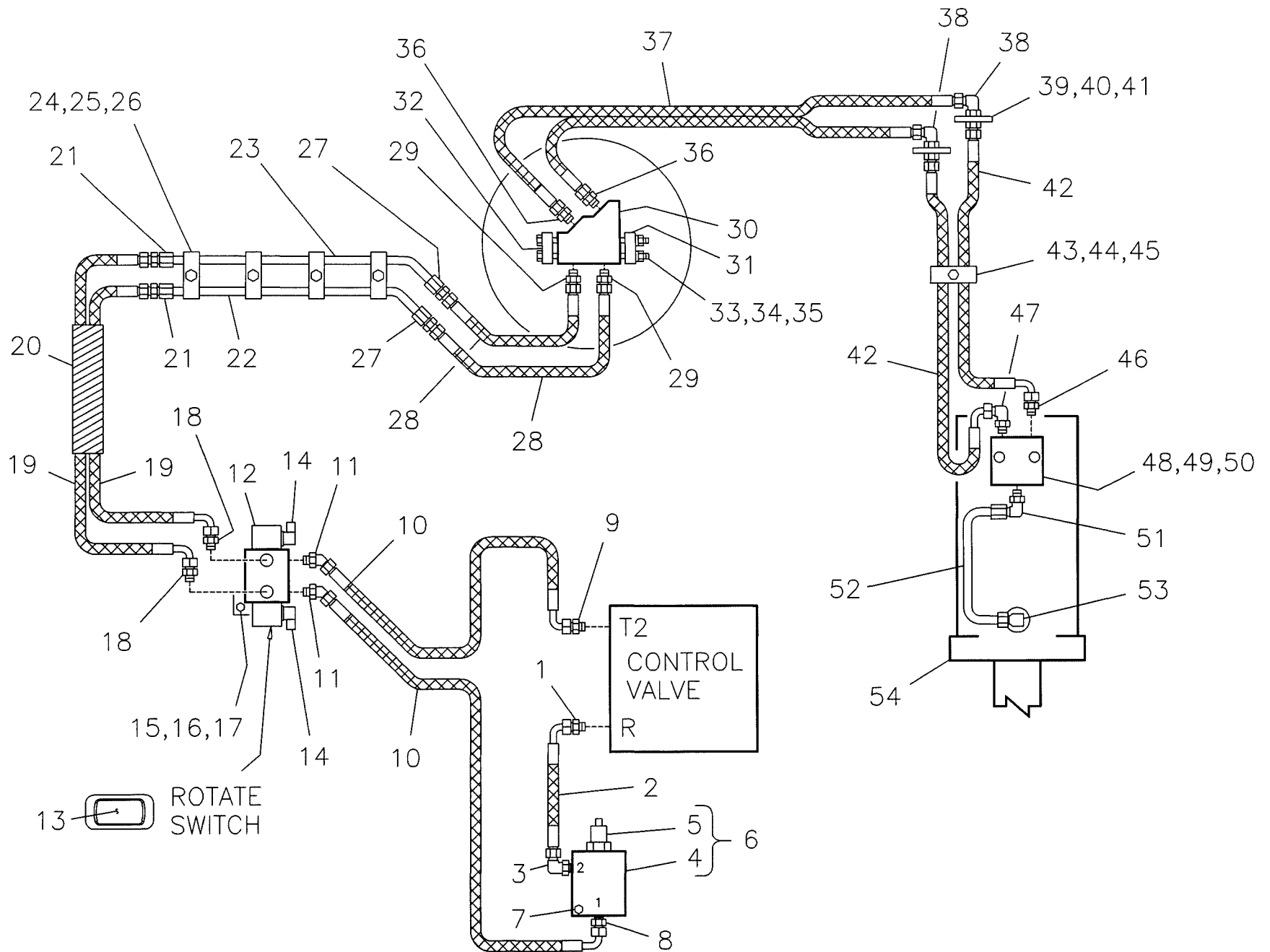
FORK FRAME WIDTH	ROTATING FORK FRAME PART NUMBER	FORK TINE PIN PART NUMBER
48" WIDE	4-1118	2-1067-10
60" WIDE	4-1292	2-1067-12
72" WIDE	4-1170	2-1067-11



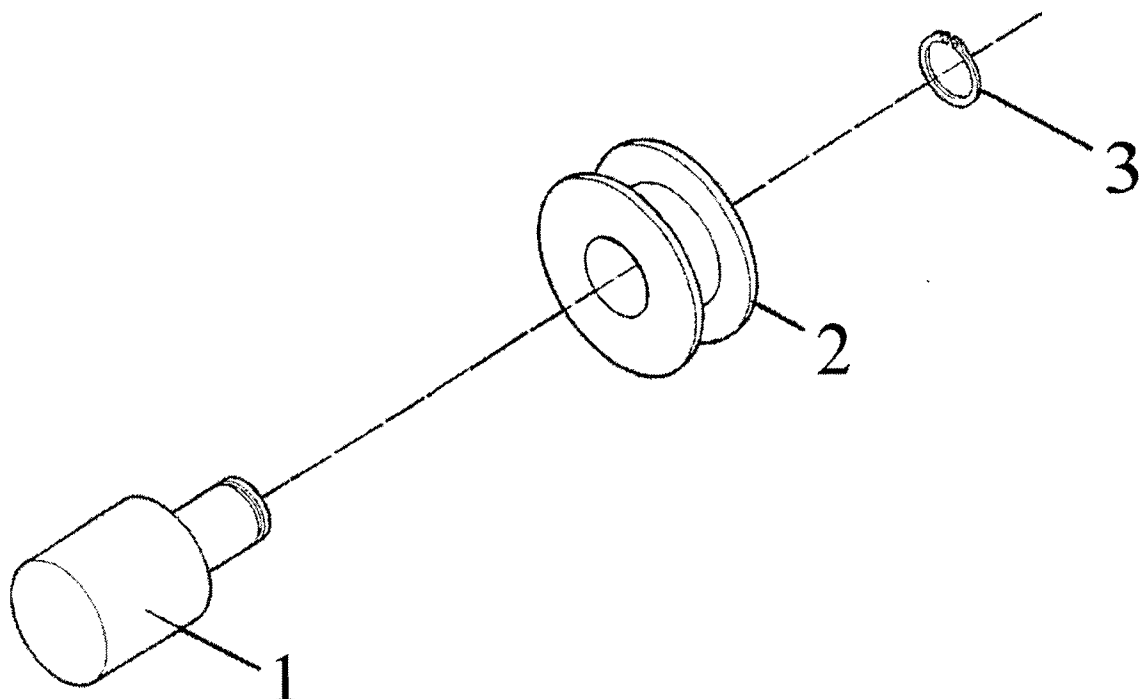
ITEM	NUMBER	DESCRIPTION		REQD
1	7-379-36	WEAR RING	(*)	1
2	7-379-37	PSP SEAL	(*)	1
3	7-379-22	BACK-UP RING	(*)	2
4	7-379-23	O-RING	(*)	1
5	7-379-38	O-RING	(*)	1
6	7-379-39	BACK-UP RING	(*)	1
7	7-379-26	WEAR RING	(*)	1
8	7-379-45	LOADED U-CUP	(*)	1
9	7-379-28	ROD WIPER	(*)	1
10	7-379-29	LOCKNUT		1
11	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



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



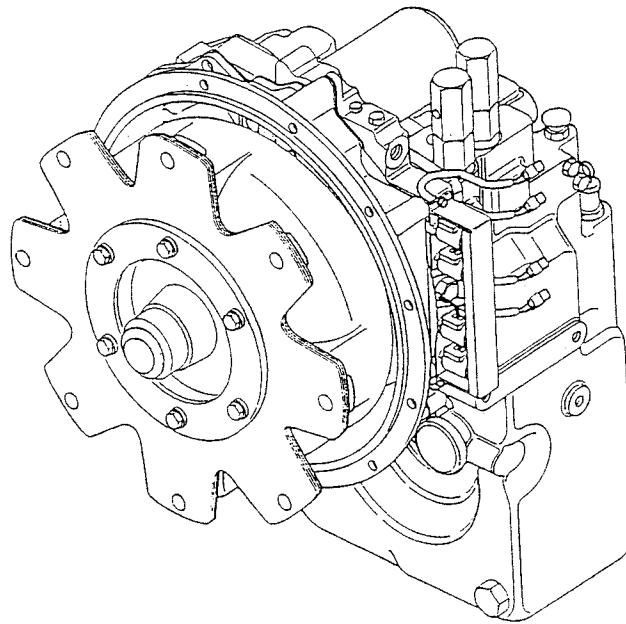
ITEM	NUMBER	DESCRIPTION	REQD
1	6-6450-08	FITTING / 06 OR x 06 JIC STR. (R)	1
2	6-7023-40	HOSE / 06 x 06-90 x 20 LG.	1
3	6-6453-07	FITTING / 08 OR x 06 JIC 90	1
4	7-234-84	BODY / NEEDLE VALVE	REF
5	7-234-17	CARTRIDGE / NEEDLE VALVE	REF
6	7-234-103	NEEDLE VALVE ASSY (ITEMS 4 & 5)	1
7	6-5205-30	CAPSCREW 5/16 NC x 3 3/4 LG.	1
8	6-6450-09	FITTING / 08 OR x 06 JIC STR.	1
9	6-6450-08	FITTING / 06 OR x 06 JIC STR. (T2)	1
10	6-7023-62	HOSE / 06 x 06-90 x 31 LG.	2
11	6-6452-03	FITTING / 06 OR x 06 JIC 45	2
12	7-244-31	4-WAY ELECTRIC VALVE	1
13	7-164-04	SWITCH / ROTATE	1
14	7-244-27	DIN CONNECTOR	2
15	6-5204-12	CAPSCREW 1/4 NC x 1 1/2 LG.	2
16	6-6211-04	LOCKWASHER 1/4	2
17	6-6201-04	HEX NUT 1/4 NC	2
18	6-6450-08	FITTING / 06 OR x 06 JIC STR.	2
19	6-7043-184	HOSE / 08 x 06-90 x 92 LG.	2
20	7-299-08	HOSE ARMOR 1.00 ID x 70 LG.	70
21	6-6490-03	FITTING / 08 JIC x 08 TUBE STR.	2
22	3-1064-5	FORMED TUBE 1/2 OD	1
23	3-1064-6	FORMED TUBE 1/2 OD	1
24	7-273-21	CLAMP HALF SET / 1/2 TWIN TUBE	4
25	7-273-23	TOP PLATE / 1/2 TWIN TUBE CLAMP	4
26	6-5205-10	CAPSCREW 5/16 NC x 1 1/4 LG.	4
27	6-6490-03	FITTING / 08 JIC x 08 TUBE STR.	2
28	6-7013-22	HOSE / 06 x 08 x 11 LG.	2
29	6-6450-08	FITTING / 06 OR x 06 JIC STR.	2
30	7-292-01	HOSE REEL ASSEMBLY	1
31	1-2020	MOUNT / HOSE REEL	REF
32	1-2020	MOUNT / HOSE REEL	REF
33	6-5208-36	CAPSCREW 1/2 NC x 4 1/2 LG.	2
34	6-6211-08	LOCKWASHER 1/2	2
35	6-6201-08	HEX NUT 1/2 NC	2
36	6-6450-08	FITTING / 06 OR x 06 JIC STR.	2
37	7-292-03	BONDED HOSE	1
38	6-6477-05	FITTING / 06 JIC BH-UNION 90	2
39	3-1222-1	BULKHEAD MOUNTING PLATE	1
40	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	2
41	6-6211-06	LOCKWASHER 3/8	2
42	6-7023-128	HOSE / 06 x 06-90 x 64 LG.	2
43	7-273-27	CLAMP HALF SET / 3/8 TWIN HOSE	1
44	7-273-23	TOP PLATE / 3/8 HOSE CLAMP	1
45	6-5205-14	CAPSCREW 5/16 NC x 1 3/4 LG.	1
46	6-6450-08	FITTING / 06 OR x 06 JIC STR.	1
47	6-6453-06	FITTING / 06 OR x 06 JIC 90	1
48	7-234-35	DUAL CHECK VALVE	1
49	6-5605-20	CAPSCREW SH 5/16 NC x 2 1/2 LG.	2
50	6-6214-05	LOCKWASHER 5/16 HI-COLLAR	2
51	6-6493-02	FITTING / 06 OR x 06 TUBE 90	1
52	1-1065	FORMED TUBE / 3/8 x 6 1/8 LG.	1
53	6-6493-02	FITTING / 06 OR x 06 TUBE 90	1
54	7-379-01	CYLINDER / ROTATE	REF
DRAWING NUMBER	P1-1558	CIRCUIT / FORK ROTATE TH644C	PAGE NUMBER 62A



ITEM	NUMBER	DESCRIPTION	REQD
1	3-1222-2	PIN / HOSE ROLLER	1
2	2-1065P	SHEAVE	1
3	7-239-04	RETAINING RING	1

TRANSMISSION PARTS BOOK

TH528C TH528C TURBO
TH636C TH644C TH842C TH844C



DATE: 3-17-03
CLARK T12000 SERIES
INTERMEDIATE DROP

TEREX HANDLERS

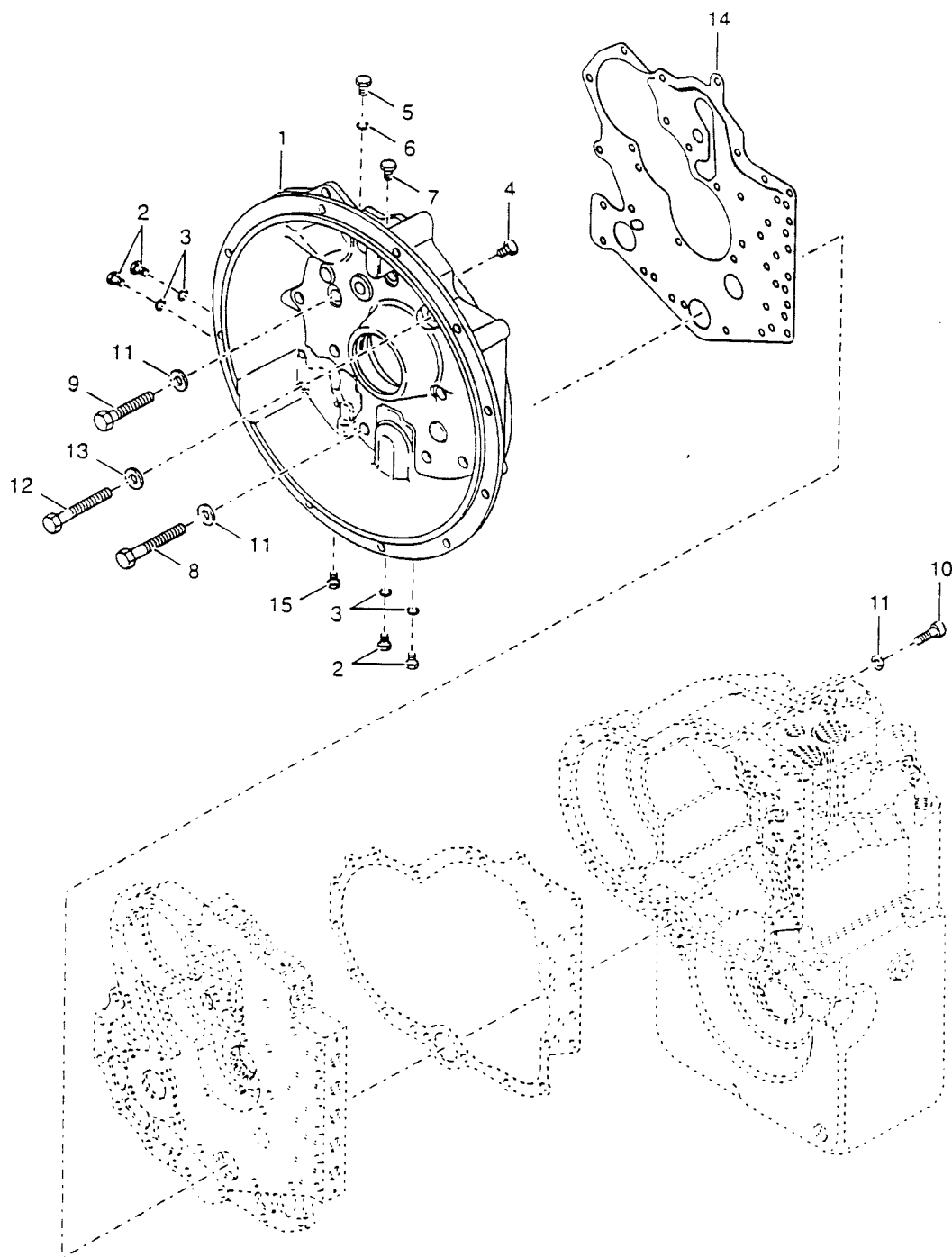
455 N. Superior Ave., Baraga, MI 49908-0790

PH: (906) 353-6675; FAX: (906) 353-7543

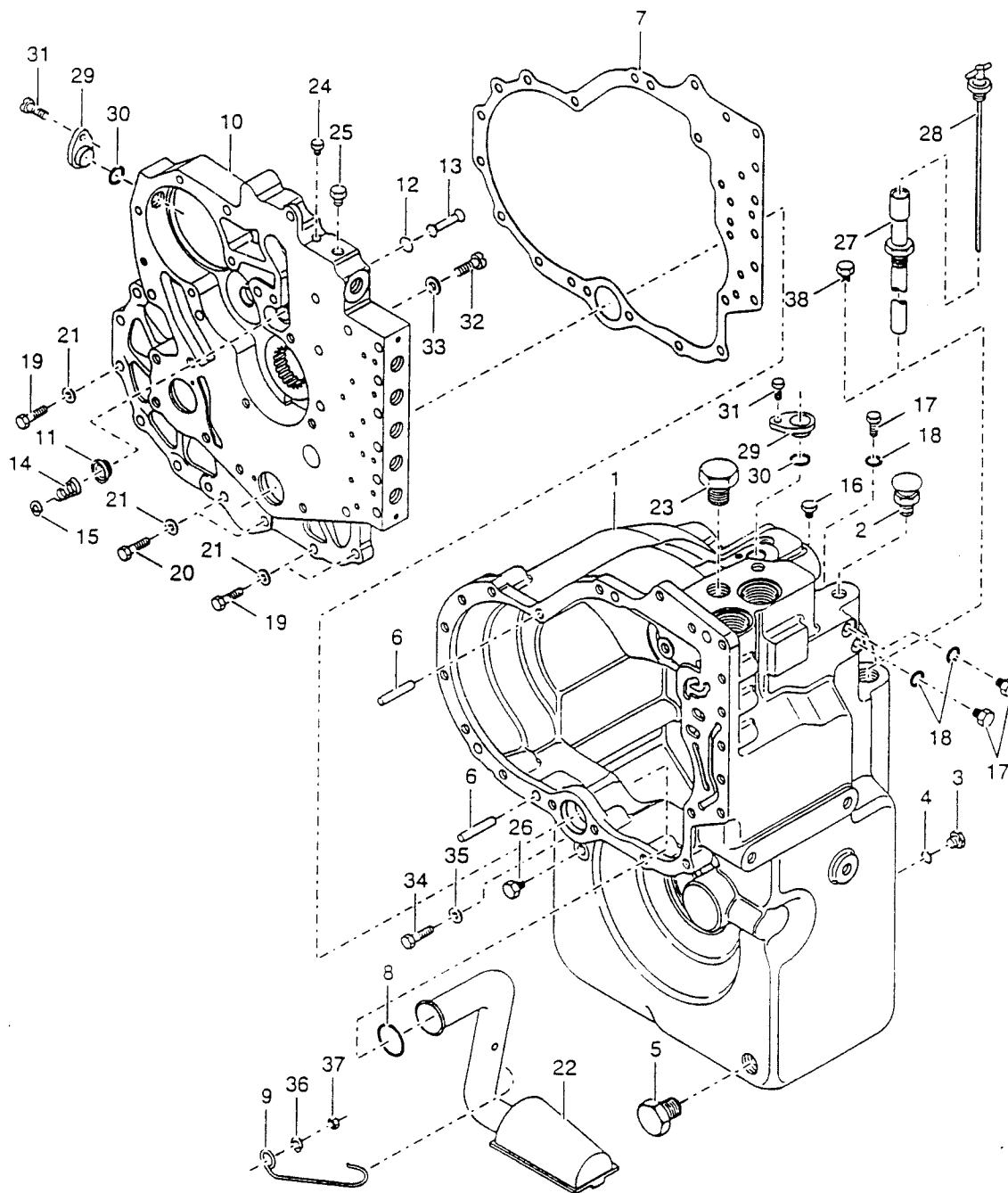
INTERNET: <http://www.sqshooter.com>

INDEX

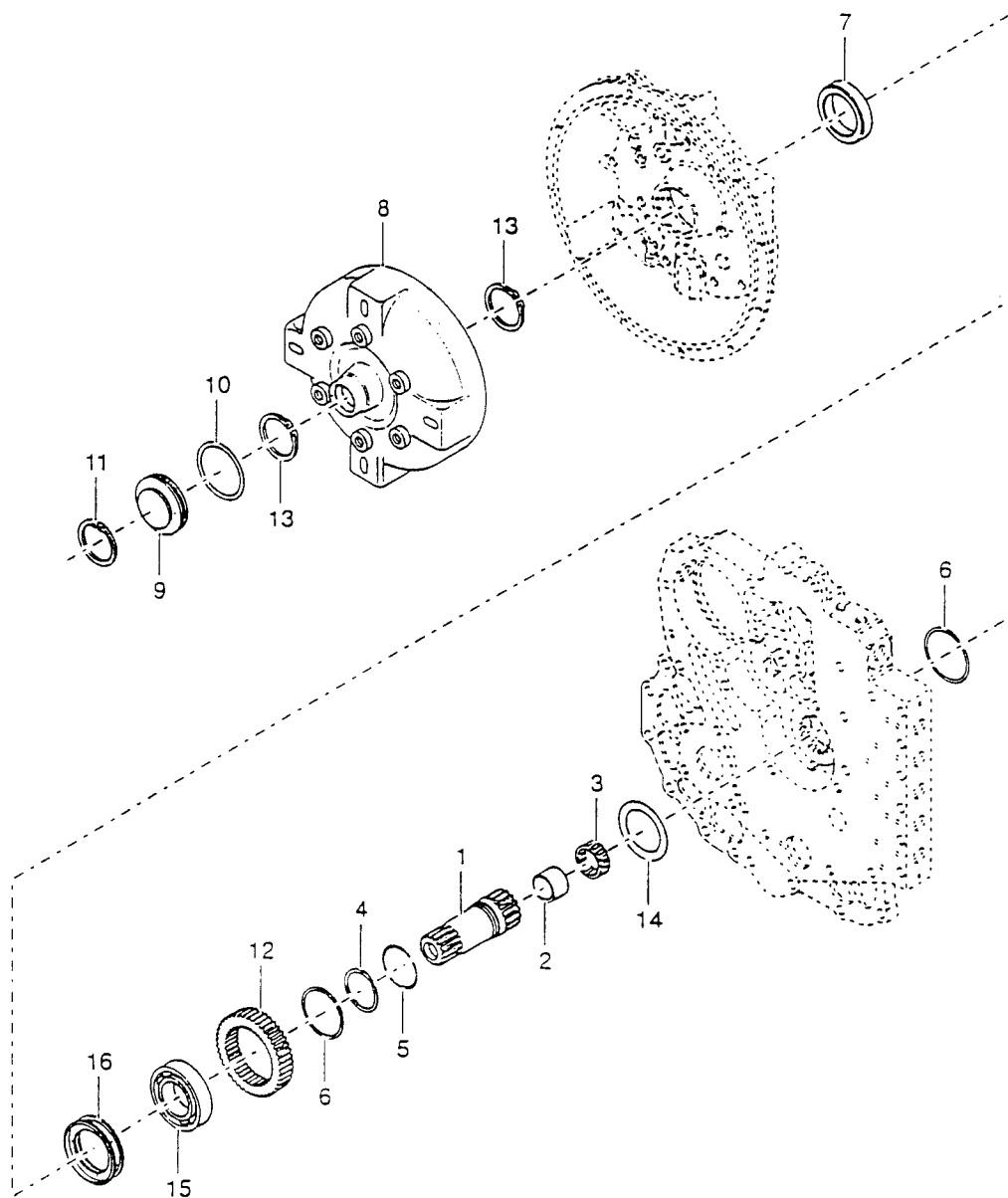
PAGE	DESCRIPTION	DRAWING
1	CONVERTER HOUSING GROUP	P1-1244
2	TRANSMISSION CASE AND PLATE GROUP	P1-1245
3	TORQUE CONVERTER GROUP	P1-1265
4	GEAR GROUP	P1-1247
5	PUMP DRIVE GROUP	P1-1248
6	CHARGING PUMP GROUP	P1-1266
7	REVERSE IDLER GROUP	P1-1250
8	FORWARD AND REVERSE SHAFT GROUP	P1-1251
9	3rd SHAFT GROUP	P1-1252
10	FIRST AND SECOND SHAFT GROUP	P1-1253
11	OUTPUT SHAFT GROUP	P1-1254
12	ELECTRIC CONTROL GROUP	P1-1255
13	DRIVE PLATE GROUP / ALL EXC. TH528C TURBO	P1-1256
14	DRIVE PLATE GROUP / TH528C TURBO ONLY	P1-1791



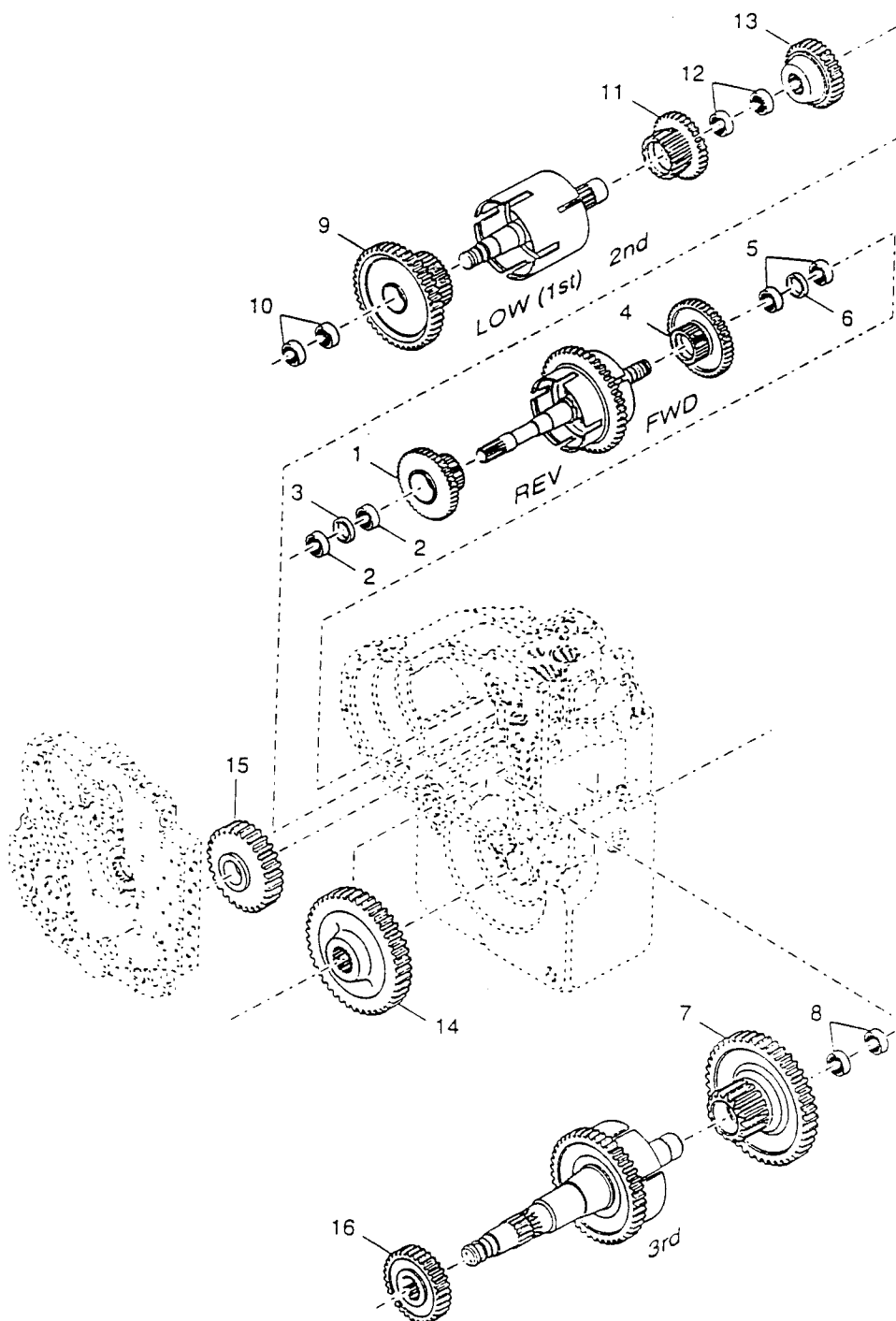
ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-384	CONVERTER HOUSING	1
2	7-126-385	PLUG (INCLUDES ITEM 3)	4
3	7-126-386	O-RING	4
4	7-126-387	PLUG	1
5	7-126-385	PLUG (INCLUDES ITEM 6)	1
6	7-126-386	O-RING	1
7	7-126-04	PLUG	1
8	7-126-388	SCREW	6
9	7-126-389	SCREW	3
10	7-126-390	SCREW	1
11	7-126-391	LOCKWASHER	10
12	7-126-389	SCREW	13
13	7-126-391	LOCKWASHER	13
14	7-126-393	GASKET	1
15	7-126-392	PLUG	1



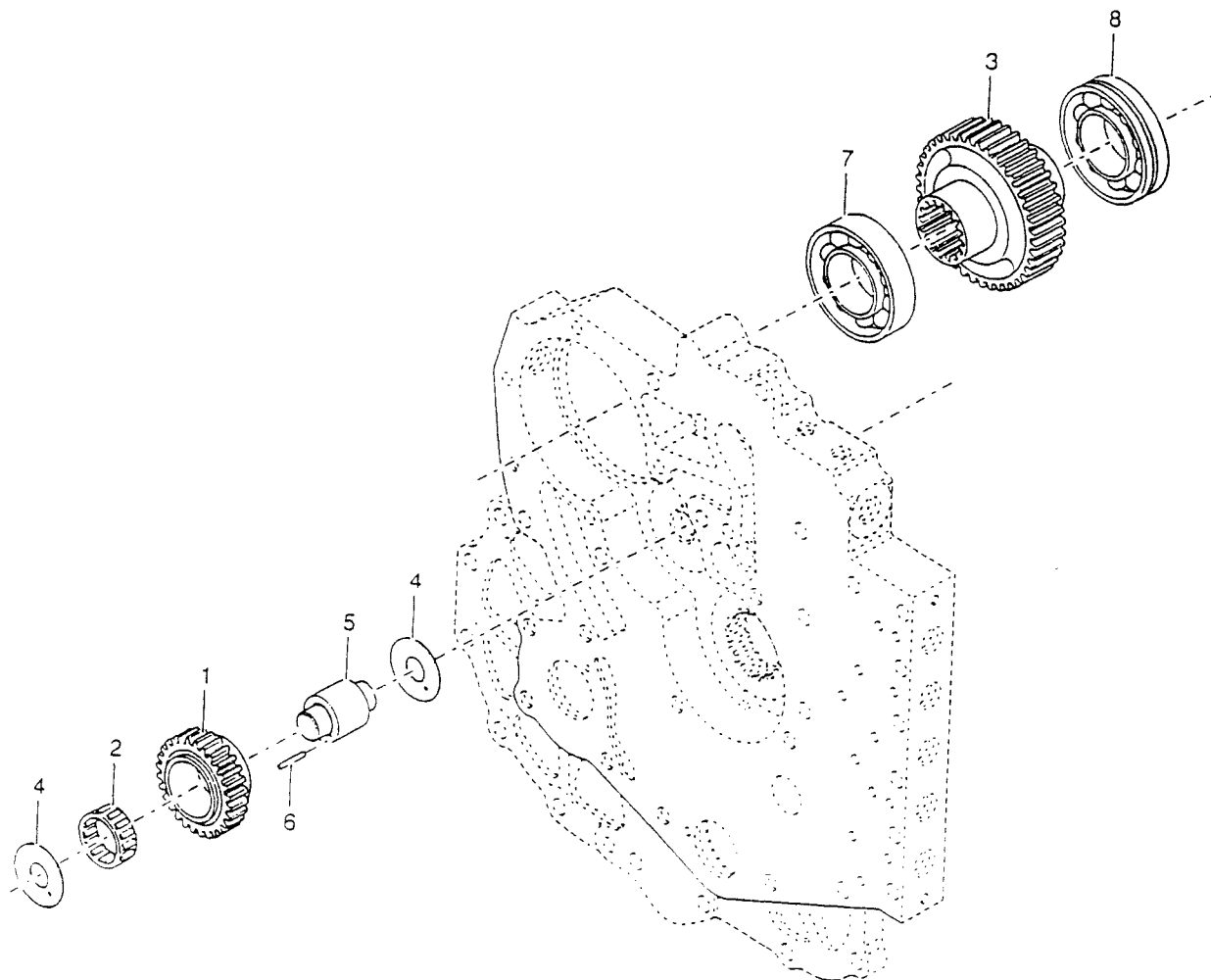
ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-394	TRANSMISSION CASE	1
2	7-126-05	BREATHER	1
3	7-126-395	PLUG (INCLUDES ITEM 4)	2
4	7-126-358	O-RING	2
5	7-126-33	PLUG / MAGNETIC DRAIN	1
6	7-126-396	PIN	2
7	7-126-357	GASKET	1
8	7-126-359	RING	1
9	7-126-397	CLIP	1
10	7-126-398	SPACER	1
11	7-126-399	SEAT	1
12	7-126-400	SNAP RING	1
13	7-126-401	POPPET	1
14	7-126-402	SPRING	1
15	7-126-403	WASHER	1
16	7-126-387	PLUG	1
17	7-126-385	PLUG (INCLUDES ITEM 18)	3
18	7-126-386	O-RING	3
19	7-126-387	SCREW	7
20	7-126-388	SCREW	2
21	7-126-391	LOCKWASHER	9
22	7-126-392	TUBE AND SCREEN ASSEMBLY	1
23	7-126-265	FILLER PLUG	1
24	7-126-387	PLUG	1
25	7-126-04	PLUG	1
26	7-126-393	PLUG	1
27	7-126-270	DIPSTICK TUBE	1
28	7-126-671	DIPSTICK ASSEMBLY	1
29	7-126-404	PLUG	2
30	7-126-356	O-RING	2
31	7-126-405	SCREW	2
32	7-126-406	SCREW	1
33	7-126-407	WASHER	1
34	7-126-408	SCREW	1
35	7-126-407	WASHER	1
36	7-126-409	WASHER	1
37	7-126-410	NUT	1



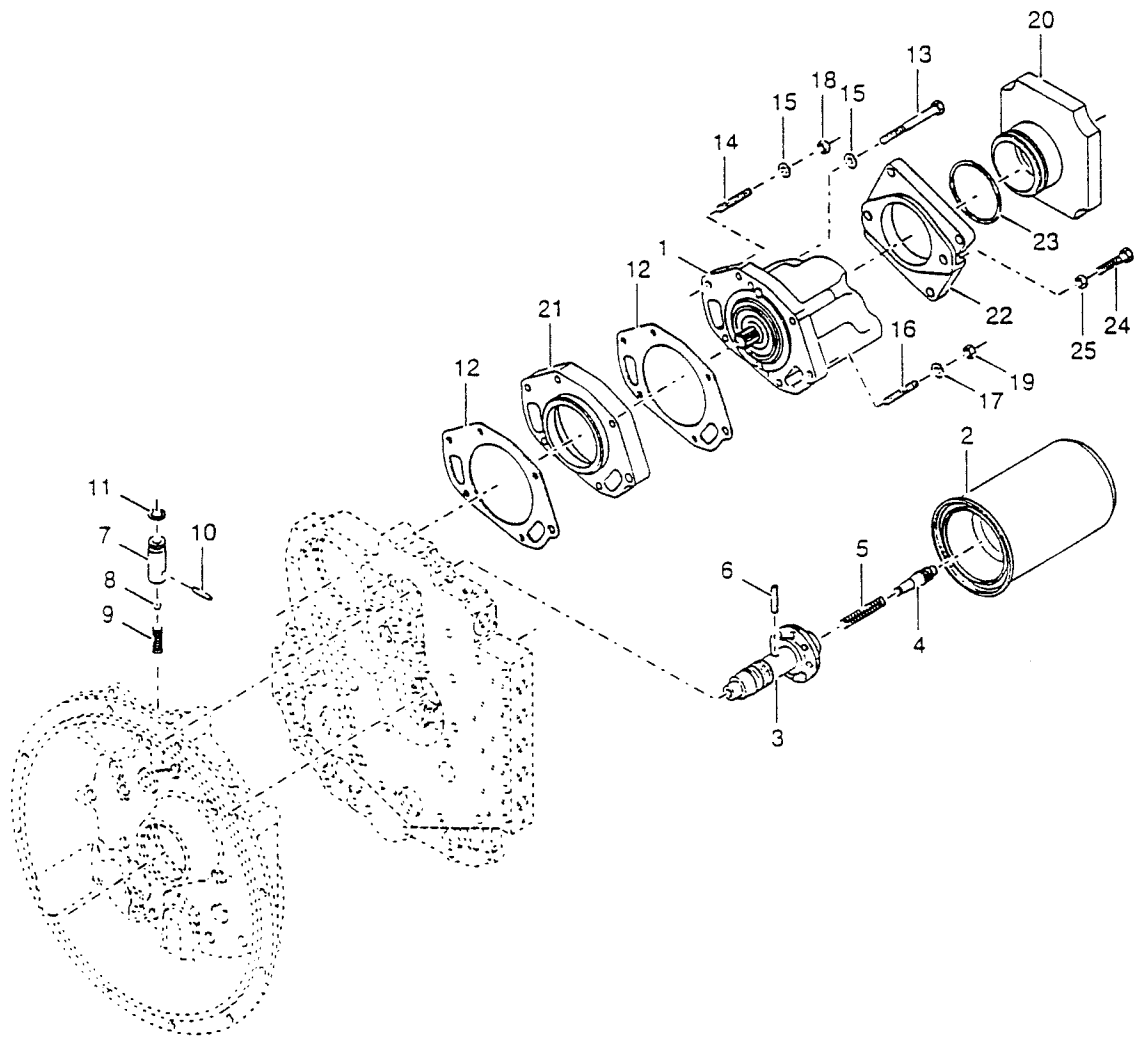
ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-411	STATOR SUPPORT ASSY (INCL. ITEMS 2-3)	1
2	7-126-412	BUSHING	1
3	7-126-413	BEARING	1
4	7-126-414	STATOR SUPPORT PISTON RING	1
5	7-126-415	EXPANDER	1
6	7-126-416	SNAP RING	2
7	7-126-360	SEAL	1
8	7-126-518	TORQUE CONVERTER ASSEMBLY	1
9	7-126-234	TORQUE CONVERTER PLUG	1
10	7-126-233	O-RING	1
11	7-126-277	SNAP RING	1
12	7-126-417	IMPELLER HUB GEAR	1
13	7-126-418	SNAP RING	2
14	7-126-419	WASHER	1
15	7-126-420	BEARING	1
16	7-126-421	OIL DISTRIBUTOR RING	1



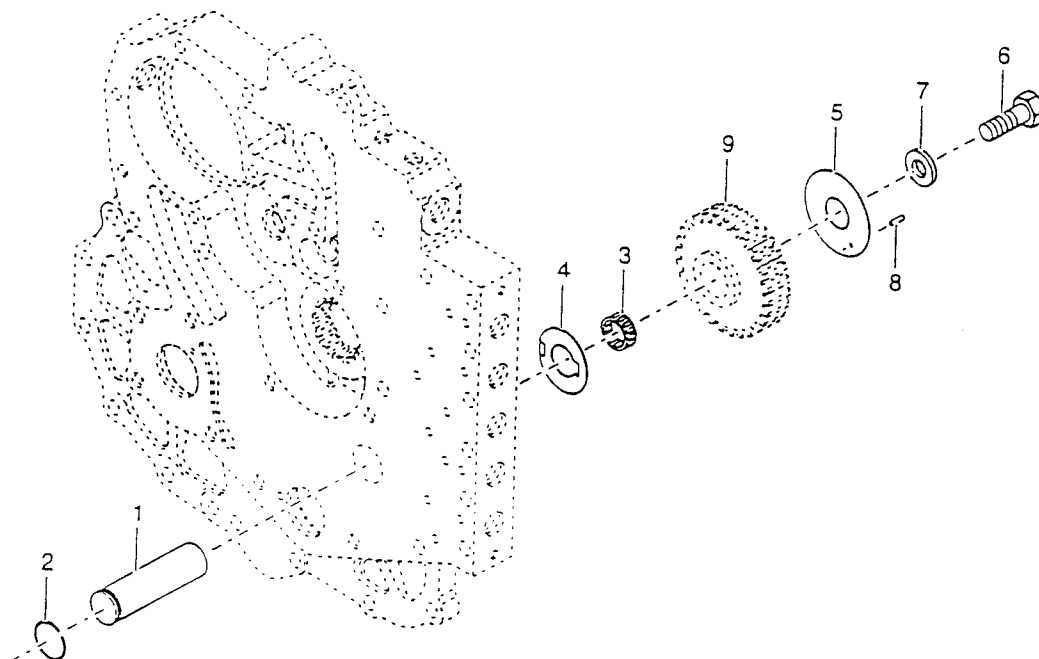
ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-422	REV CL. GEAR & BRNG ASSY (INCL. ITEMS 2-3)	1
2	7-126-423	BEARING	2
3	7-126-424	SPACER	1
4	7-126-425	FWD CL. GEAR & BRNG ASSY (INCL. ITEMS 5-6)	1
5	7-126-423	BEARING	2
6	7-126-424	SPACER	1
7	7-126-428	3rd CL. GEAR & BRNG ASSY (INCL. ITEM 8)	1
8	7-126-429	BEARING	2
9	7-126-430	1st CL. GEAR & BRNG ASSY (INCL. ITEM 10)	1
10	7-126-423	BEARING	2
11	7-126-432	2nd CL. GEAR & BRNG ASSY (INCL. ITEM 12)	1
12	7-126-423	BEARING	2
13	7-126-427	3rd DRIVEN GEAR	1
14	7-126-426	OUTPUT SHAFT GEAR	1
15	7-126-431	REVERSE IDLER GEAR	1
16	7-126-433	FIRST DRIVEN GEAR	1



ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-434	PUMP DRIVE IDLER GEAR	1
2	7-126-435	BEARING	1
3	7-126-436	PUMP DRIVE GEAR	1
4	7-126-437	PUMP DRIVE IDLER THRUST WASHER	2
5	7-126-438	PUMP DRIVE SHAFT & PIN ASSY (INCL. ITEM 6)	1
6	7-126-439	ROLL PIN	1
7	7-126-440	PUMP DRIVE GEAR BEARING	1
8	7-126-441	PUMP DRIVE GEAR BEARING	1

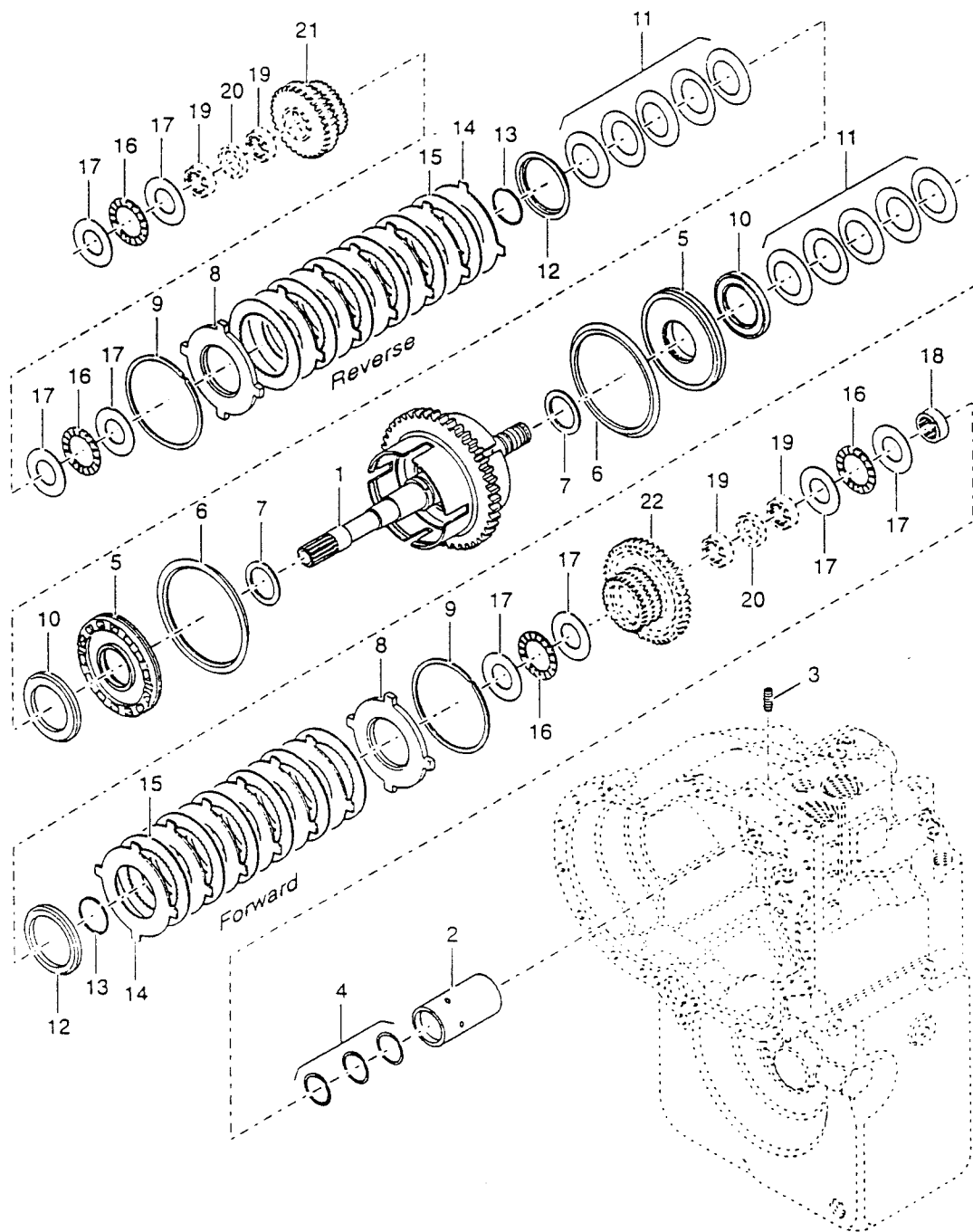


ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-350	CHARGING PUMP ASSEMBLY	1
2	7-126-349	HYDRAULIC SPIN FILTER ASSEMBLY	1
3	7-126-442	REGULATOR VALVE SLEEVE	1
4	7-126-443	REGULATOR VALVE PISTON	1
5	7-126-444	REGULATOR VALVE SPRING	1
6	7-126-445	PIN	1
7	7-126-446	BALL CHECK VALVE ASSY (INCL. ITEMS 7-11)	1
8	7-126-447	BALL	1
9	7-126-448	CHECK VALVE SPRING	1
10	7-126-449	CHECK VALVE PIN	1
11	7-126-361	O-RING	1
12	7-126-362	CHARGING PUMP GASKET	2
13	7-126-450	PUMP MOUNTING SCREW	4
14	7-126-451	PUMP MOUNTING STUD	1
15	7-126-452	LOCKWASHER	5
16	7-126-453	PUMP MOUNTING STUD	1
17	7-126-391	LOCKWASHER	1
18	7-126-454	NUT	1
19	7-126-410	NUT	1
20	7-126-522	PUMP DRIVE ADAPTOR	1
21	7-126-455	PUMP ADAPTOR	1
22	7-126-521	SPACER PLATE	1
23	7-126-520	O-RING	1
24	7-126-519	SCREW	2
25	7-126-215	LOCKWASHER	2
26	7-126-456	REGULATOR VALVE ASSY (INCL. ITEMS 3-6)	1

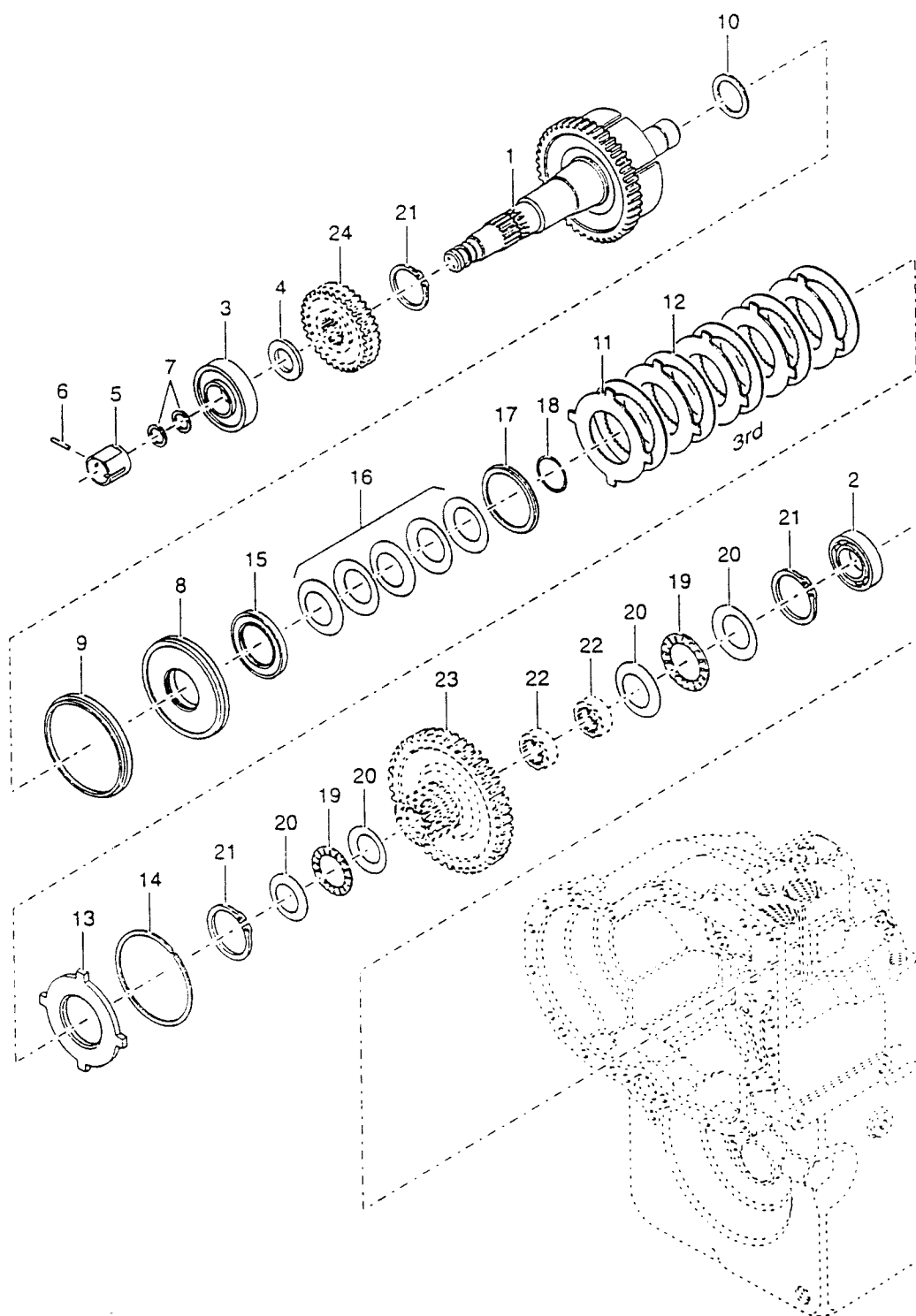


ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-457	IDLER & PILOT SHAFT	1
2	7-126-458	IDLER SHAFT SNAP RING	1
3	7-126-459	REVERSE IDLER GEAR BEARING	1
4	7-126-460	THRUST WASHER	1
5	7-126-461	END PLATE	1
6	7-126-462	CAPSCREW	1
7	7-126-463	WASHER	1
8	7-126-464	ROLL PIN	1
9	7-126-431	REVERSE IDLER GEAR	1

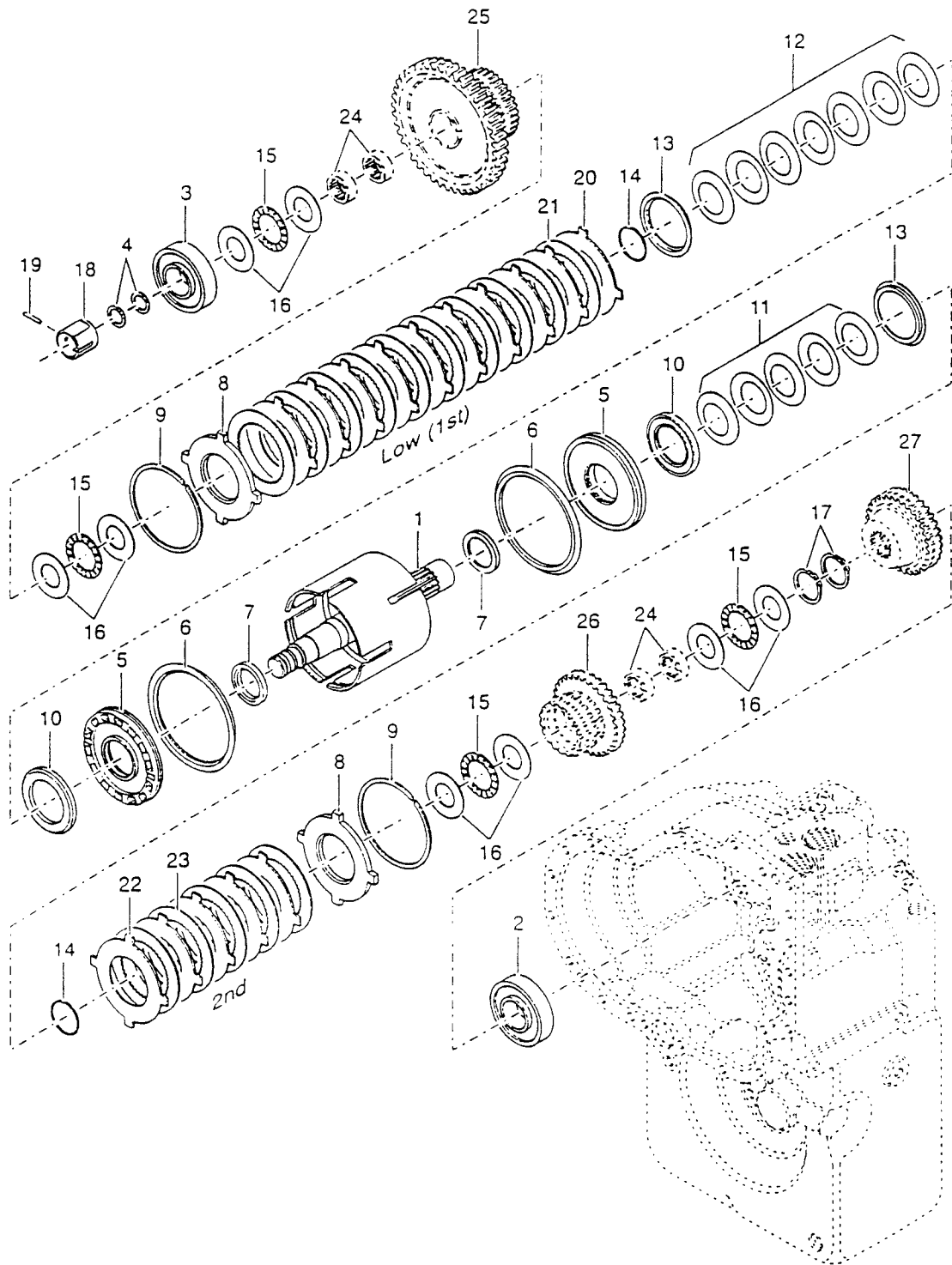
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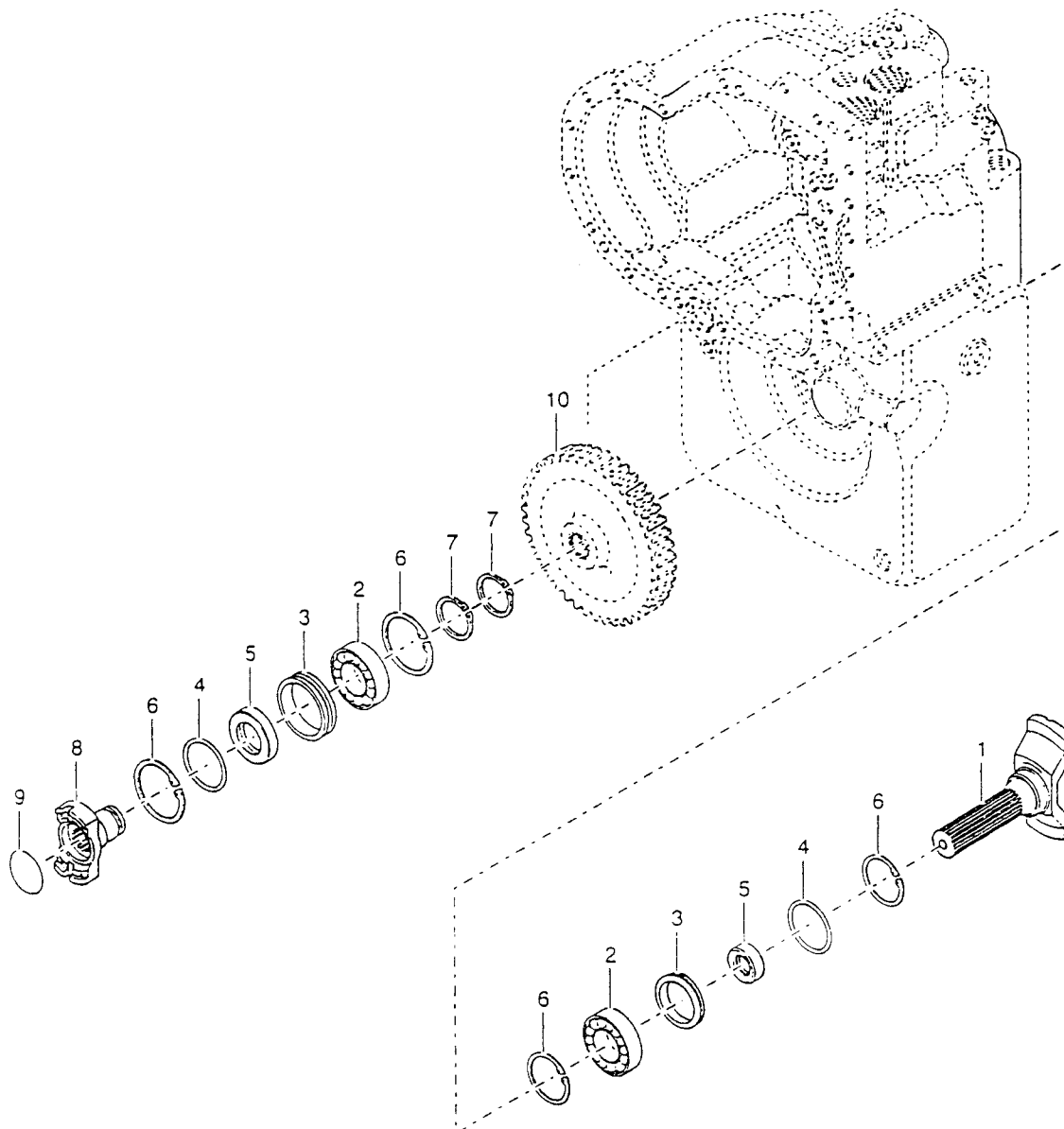
ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-465	TURBINE SHAFT DRUM & PLUG ASSY	1
2	7-126-466	OIL DISTRIBUTOR SLEEVE	1
3	7-126-467	RETAINER SCREW	1
4	7-126-468	PISTON RING	3
5	7-126-469	PISTON & SEALS ASSY (INCL. ITEMS 6-7)	2
6	7-126-470	OUTER CLUTCH PISTON SEAL	2
7	7-126-471	INNER CLUTCH PISTON SEAL	2
8	7-126-472	END PLATE	2
9	7-126-473	SNAP RING	2
10	7-126-474	CLUTCH PISTON WEAR PLATE	2
11	7-126-475	DISC SPRING ASSEMBLY	2
12	7-126-476	SNAP RING RETAINER	2
13	7-126-477	SNAP RING	2
14	7-126-478	OUTER DISC (6 FORWARD / 6 REVERSE)	12
15	7-126-479	INNER DISC (6 FORWARD / 6 REVERSE)	12
16	7-126-480	CLUTCH GEAR THRUST BEARING	4
17	7-126-481	WASHER	8
18	7-126-482	REAR TURBINE SHAFT BEARING	1
19		CL. GEAR BRNG (SEE GEAR GROUP)	4
20		CL. GEAR BRNG SPACER (SEE GEAR GROUP)	2
21		REV CLUTCH GEAR (SEE GEAR GROUP)	1
22		FWD CLUTCH GEAR (SEE GEAR GROUP)	1



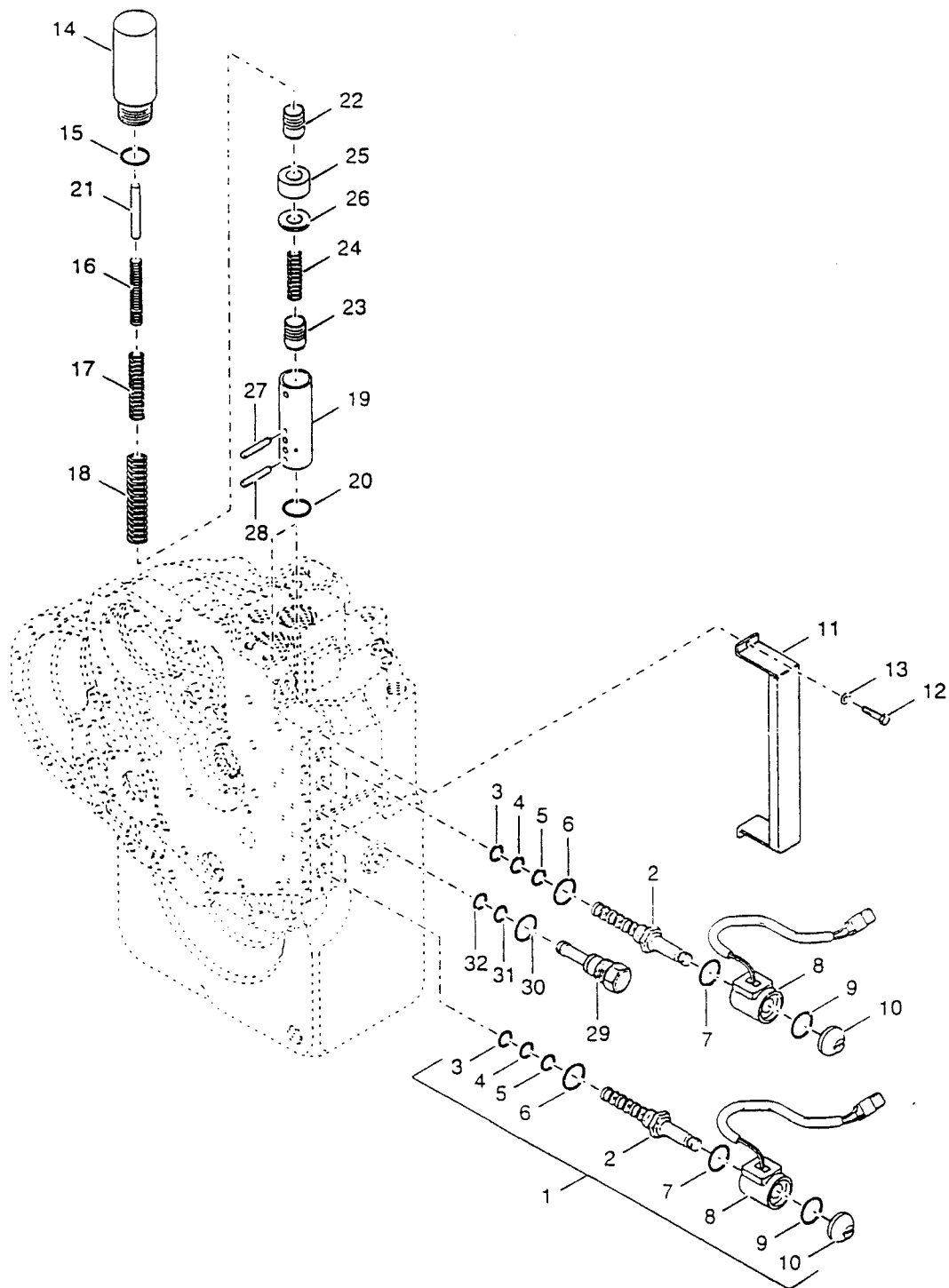
ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-483	3rd SHAFT, DRUM, & PLUG ASSY	1
2	7-126-484	ROLLER BEARING	1
3	7-126-485	BEARING & SEAL ASSY	1
4	7-126-486	BEARING SUPPORT WASHER	1
5	7-126-487	OIL DISTRIBUTOR SLEEVE	1
6	7-126-488	SCREW	1
7	7-126-468	PISTON RING	2
8	7-126-489	PISTON & SEALS ASSY (INCLUDES ITEMS 9-10)	1
9	7-126-470	OUTER CLUTCH PISTON SEAL	1
10	7-126-471	INNER CLUTCH PISTON SEAL	1
11	7-126-478	OUTER DISC	5
12	7-126-479	INNER DISC	5
13	7-126-472	END PLATE	1
14	7-126-473	SNAP RING	1
15	7-126-474	CLUTCH PISTON WEAR PLATE	1
16	7-126-475	DISC SPRING ASSY (INCL. 5 WASHERS)	1
17	7-126-476	SNAP RING RETAINER	1
18	7-126-477	SNAP RING	1
19	7-126-490	NEEDLE ROLLER THRUST BEARING	2
20	7-126-491	THRUST WASHER	4
21	7-126-492	SNAP RING	3
22	7-126-429	3rd CLUTCH GEAR BEARING (SEE GEAR GROUP)	2
23		3rd CLUTCH GEAR (SEE GEAR GROUP)	1
24		FIRST DRIVE GEAR (SEE GEAR GROUP)	1



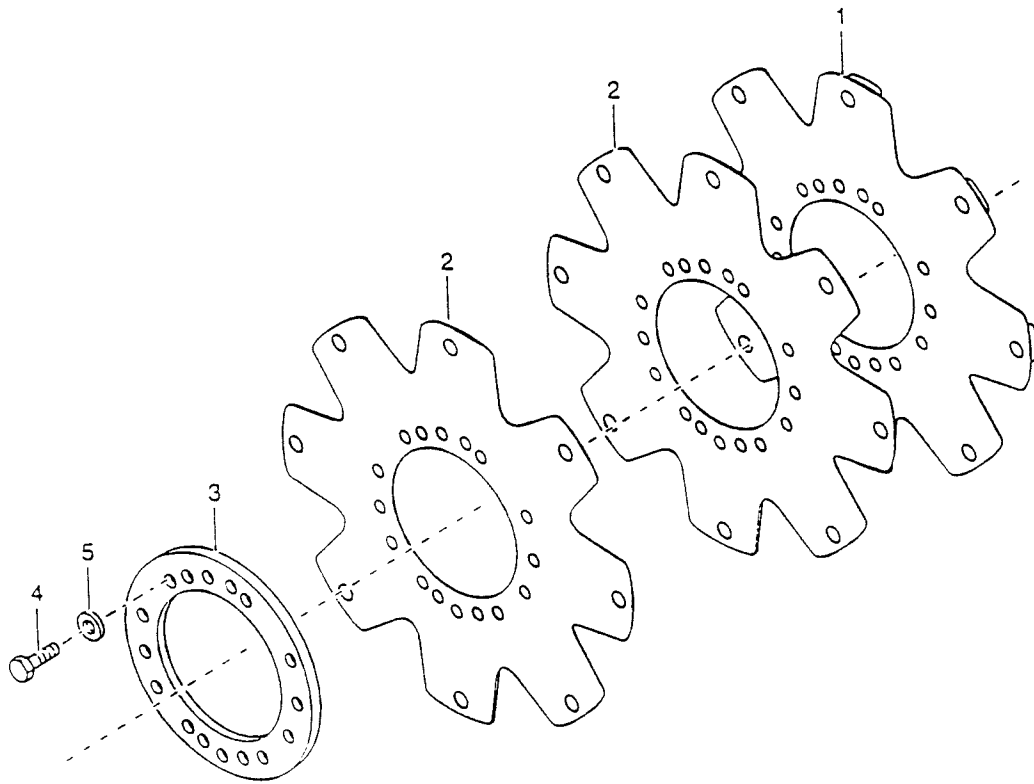
ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-493	1st & 2nd SHAFT, DRUM, PLUG, & SEAT ASSY	1
2	7-126-494	ROLLER BEARING	1
3	7-126-485	BEARING & SEAL ASSY	1
4	7-126-468	PISTON RING	2
5	7-126-495	PISTON & SEALS ASSY (INCL. ITEMS 6 & 7)	2
6	7-126-470	OUTER CLUTCH PISTON SEAL	2
7	7-126-471	INNER CLUTCH PISTON SEAL	2
8	7-126-472	END PLATE	2
9	7-126-473	SNAP RING	2
10	7-126-474	CLUTCH PISTON WEAR PLATE	2
11	7-126-475	2nd DISC SPRING ASSY (INCL. 5 WASHERS)	1
12	7-126-496	1st DISC SPRING ASSY (INCL. 7 WASHERS)	1
13	7-126-476	SNAP RING RETAINER	2
14	7-126-477	SNAP RING	2
15	7-126-480	CLUTCH GEAR THRUST BEARING	4
16	7-126-481	CLUTCH GEAR THRUST WASHER	8
17	7-126-497	SNAP RING	2
18	7-126-498	OIL DISTRIBUTOR SLEEVE	1
19	7-126-499	SLEEVE RETAINING SCREW	1
20	7-126-478	OUTER DISC (1st)	10
21	7-126-479	INNER DISC (1st)	10
22	7-126-478	OUTER DISC (2nd)	5
23	7-126-479	INNER DISC (2nd)	5
24	7-126-423	CLUTCH GEAR BEARING (SEE GEAR GROUP)	4
25		1st CLUTCH GEAR (SEE GEAR GROUP)	1
26		2nd CLUTCH GEAR (SEE GEAR GROUP)	1
27		3rd DRIVEN GEAR (SEE GEAR GROUP)	1



ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-500	OUTPUT SHAFT	1
2	7-126-307	OUTPUT SHAFT BEARING	2
3	7-126-368	OIL SEAL SLEEVE	2
4	7-126-366	O-RING	2
5	7-126-367	OUTPUT SHAFT OIL SEAL	2
6	7-126-365	SNAP RING	4
7	7-126-369	SNAP RING	2
8	7-126-364	OUTPUT FLANGE & PLUG ASSY (INCL. ITEM 9)	1
9	7-126-363	FLANGE PLUG	1
10	7-126-426	OUTPUT SHAFT GEAR (SEE GEAR GROUP)	1

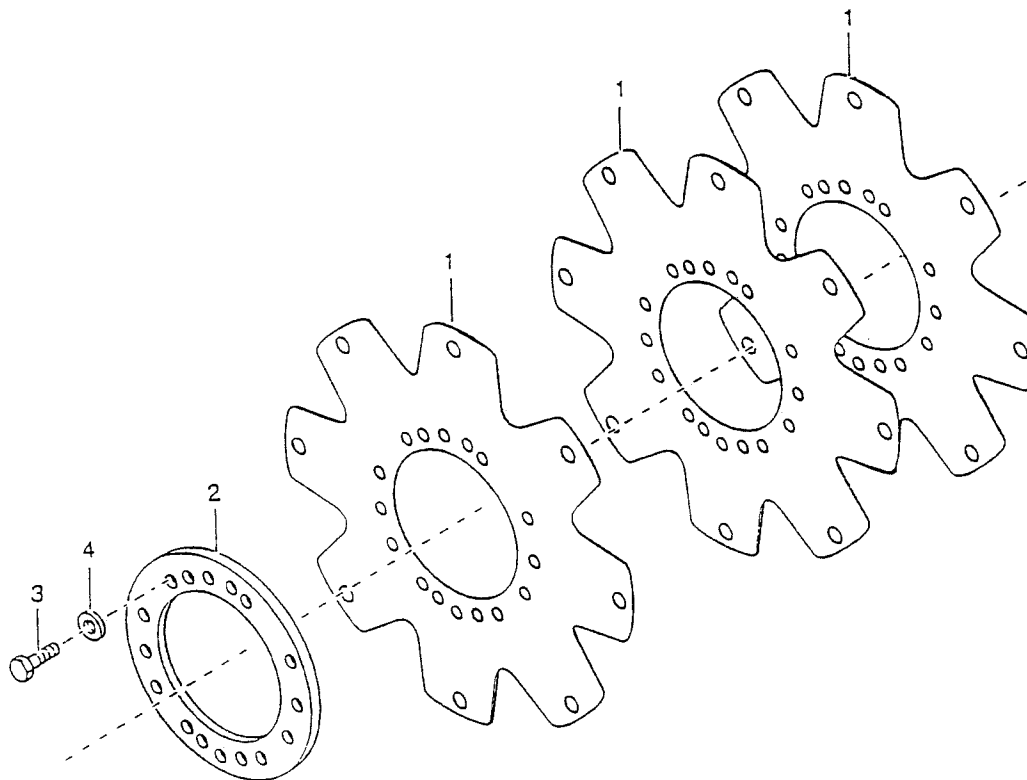


ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-382	SOLENOID ASSEMBLY (INCLUDES ITEMS 2-10)	4
2	7-126-380	4-WAY VALVE CARTRIDGE (INCL. ITEMS 3-6)	4
3	7-126-376	O-RING	4
4	7-126-377	O-RING	4
5	7-126-378	O-RING	4
6	7-126-379	O-RING	4
7	7-126-374	O-RING	4
8	7-126-375	SOLENOID COIL (12V)	4
9	7-126-374	O-RING	4
10	7-126-373	NUT	4
11	7-126-501	PROTECTIVE COVER	1
12	7-126-502	SCREW	2
13	7-126-503	LOCKWASHER	2
14	7-126-504	MODULATOR VALVE HOUSING	2
15	7-126-371	O-RING	2
16	7-126-505	INNER SPRING	2
17	7-126-506	MIDDLE SPRING	2
18	7-126-507	OUTER SPRING	2
19	7-126-508	MODULATION VALVE SLEEVE	2
20	7-126-372	O-RING	2
21	7-126-63	PIN	2
22	7-126-509	ACCUMULATOR SPOOL	2
23	7-126-510	REGULATOR SPOOL	2
24	7-126-511	MODULATOR VALVE SPOOL	2
25	7-126-512	SPRING RETAINER	2
26	7-126-513	SPRING SPACER	2
27	7-126-514	UPPER PIN	2
28	7-126-515	LOWER PIN	2
29	7-126-381	SOLENOID BORE PLUG	1
30	7-126-379	O-RING	1
31	7-126-378	O-RING	1
32	7-126-376	O-RING	1



ITEM	NUMBER	DESCRIPTION	REQD
1	N.S.S.	DRIVE PLATE w/ WELD NUTS	1
2	N.S.S.	DRIVE PLATE	2
3	7-126-60	DRIVE PLATE BACKING RING	1
4	7-126-516	SCREW	6
5	7-126-54	LOCKWASHER	6
6	7-126-383	DRIVE PLATE KIT (INCLUDES ITEMS 1-5)	1

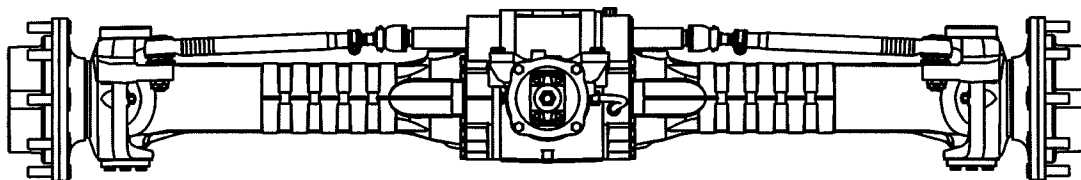
N.S.S. = NOT SOLD SEPARATELY



ITEM	NUMBER	DESCRIPTION	REQD
1	N.S.S.	DRIVE PLATE	3
2	7-126-60	DRIVE PLATE BACKING RING	1
3	7-126-516	SCREW	6
4	7-126-54	LOCKWASHER	6
5	7-126-692	DRIVE PLATE KIT (INCLUDES ITEMS 1-4)	1

N.S.S. = NOT SOLD SEPARATELY

FRONT AXLE PARTS BOOK TH636C TH644C TH842C TH844C



DATE: 11-14-00
SPICER CLARK-HURTH 212/239 AXLE
7-229-619 STEERING CYLINDER
DIFFERENTIAL LOCK

TEREX HANDLERS

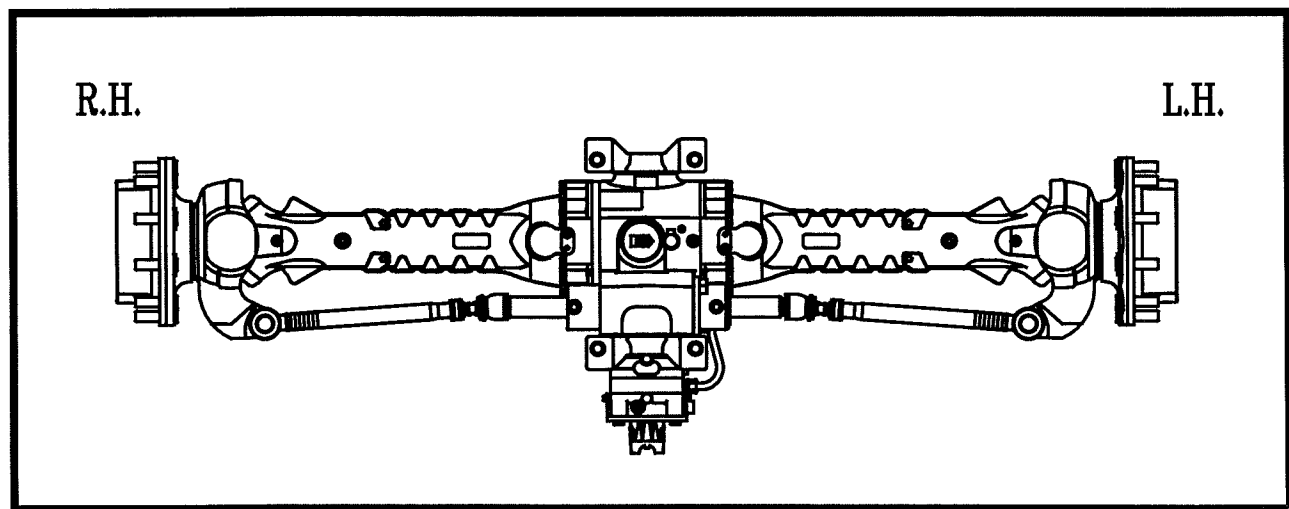
455 N. Superior Ave., Baraga, MI 49908-0248

PH: (906) 353-6675; FAX: (906) 353-7543

INTERNET: <http://www.sqshooter.com>

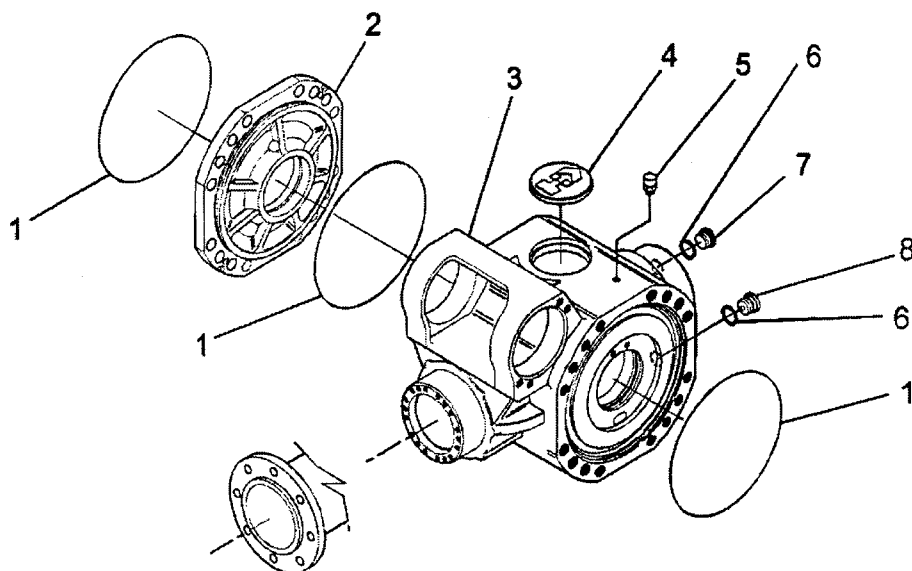
AXLE PARTS ORDERING GUIDE

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

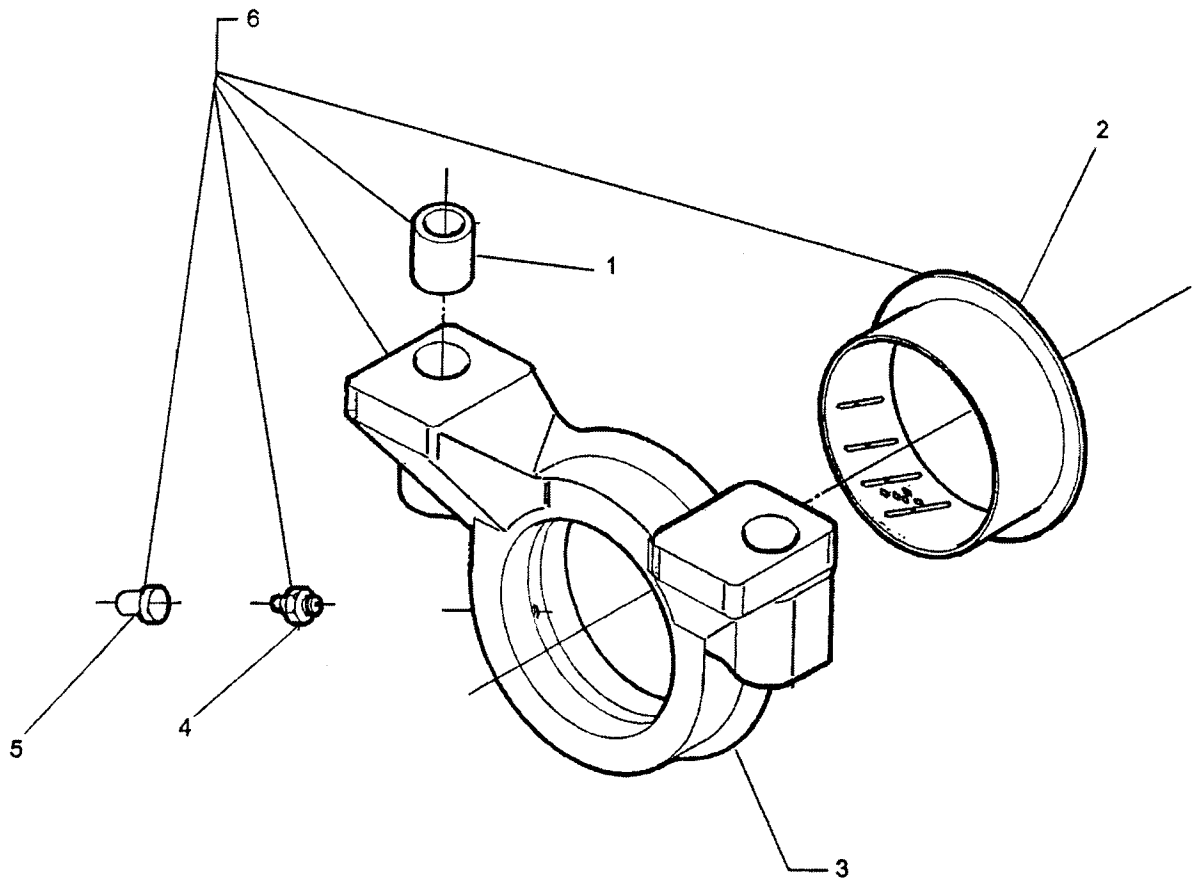


INDEX

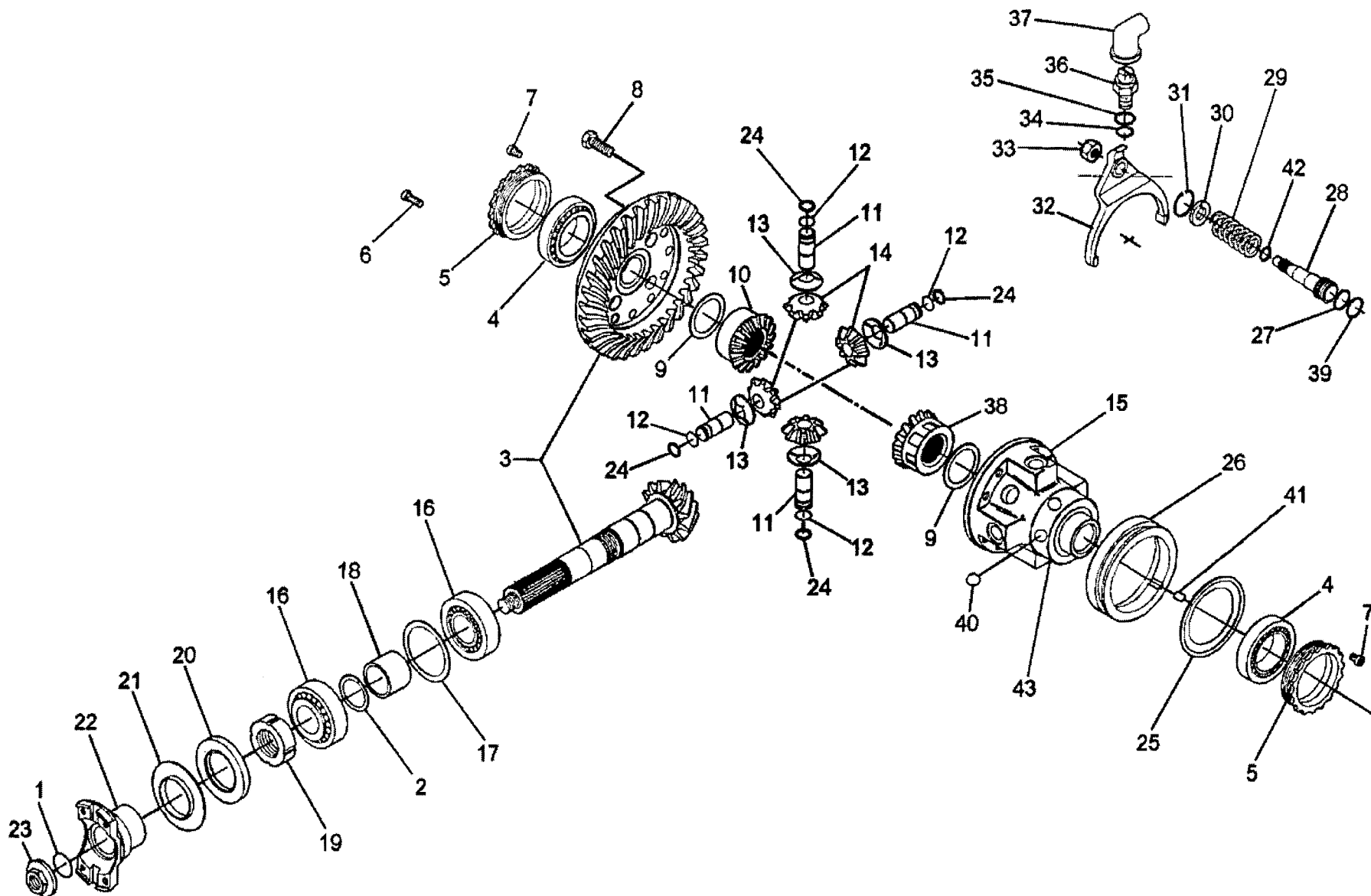
PAGE	DESCRIPTION	DRAWING
1	GEAR BOX & COVERS	P1-1395
2	TRUNNION MOUNT ASSEMBLY	P1-1258
3	DIFFERENTIAL ASSEMBLY	P1-1396
4	STEERING AXLE ASSEMBLY	P1-1297
5	DISC BRAKE ASSEMBLY	P1-1267
6	PARKING BRAKE ASSEMBLY	P1-1298
7	STEERING ARMS ASSEMBLY	P1-1268
8	STEERING CYLINDER ASSEMBLY	P1-1269



ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-520	O-RING	3
2	7-229-521	INTERMEDIATE COVER	1
3	7-229-715	HOUSING	1
4	7-229-523	COVER	1
5	7-229-524	VENT	1
6	7-229-525	SEAL WASHER	2
7	7-229-526	PLUG	1
8	7-229-527	MAGNETIC PLUG	1

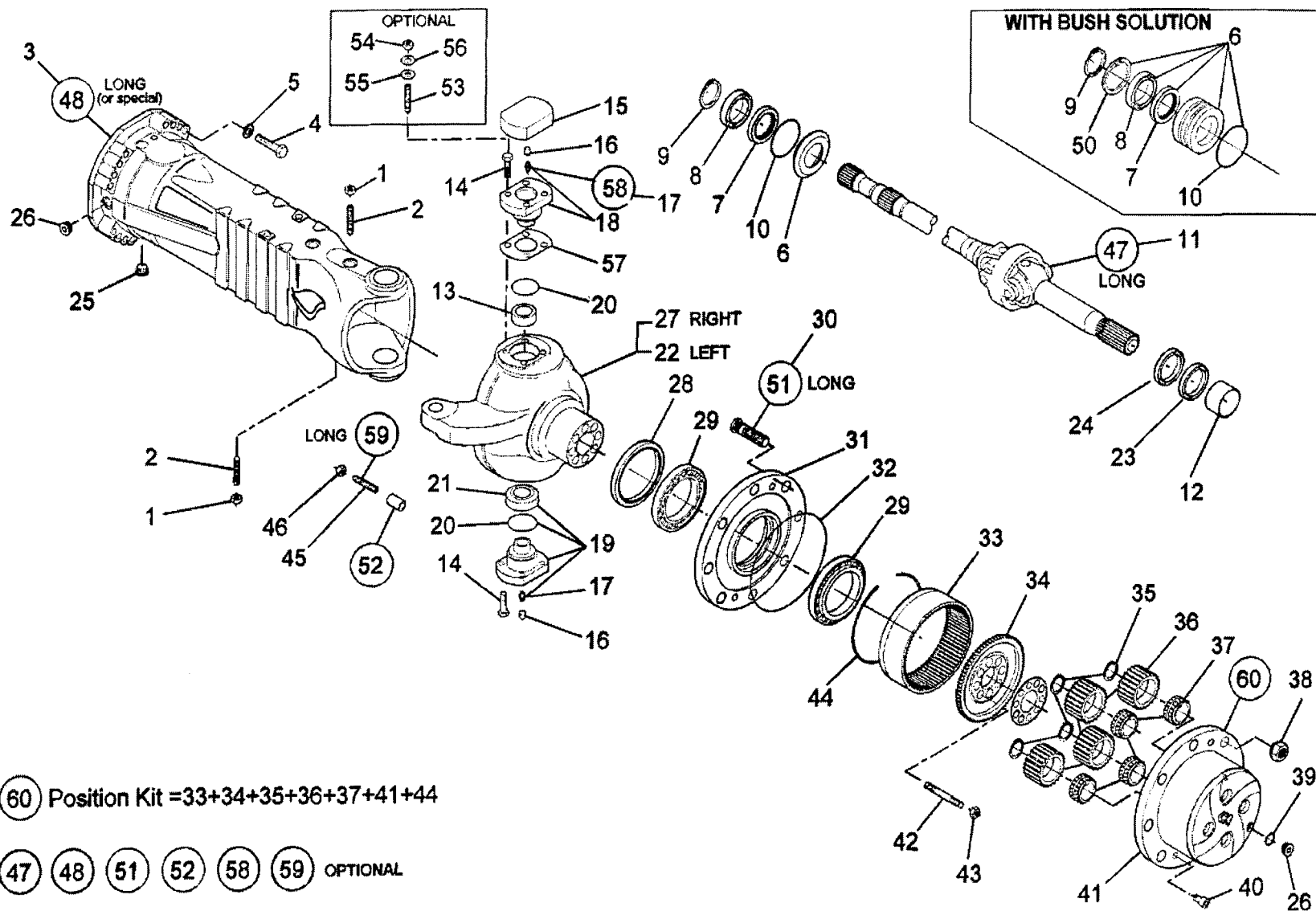


ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-620	REDUCTION BUSHING	4
2	7-229-621	THRUST BUSHING	2
3	7-229-622	SUPPORT	2
4	7-229-572	GREASE FITTING	2
5	7-229-571	PLUG	2
6	7-229-735	SUPPORT ASSEMBLY (INCL. ITEMS 1-5)	2



Position Kit N° 43 = 9+10+11+12+13+14+15+24+38

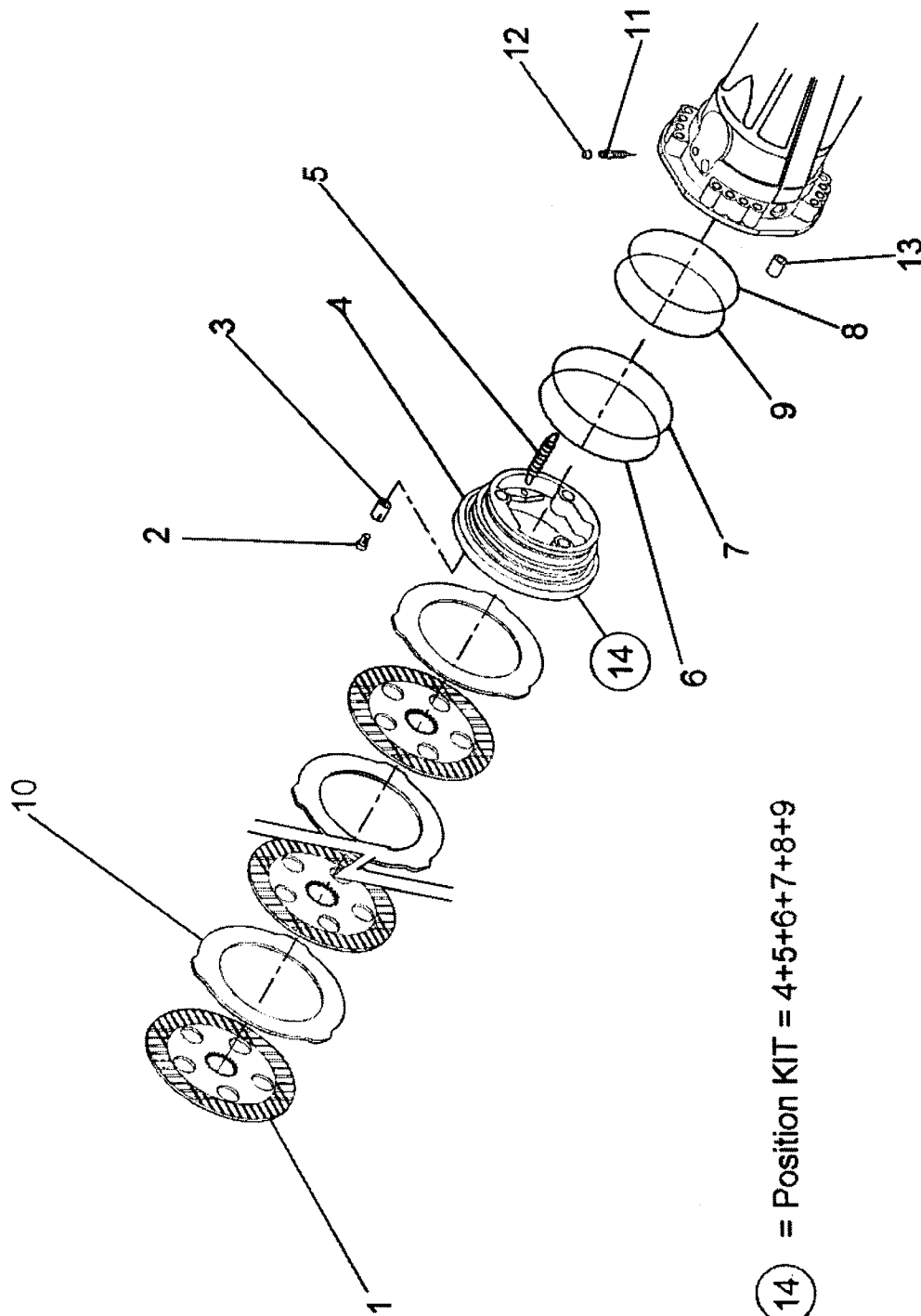
ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-528	O-RING	1
2		SHIM / SEE ITEMS 44-48 BELOW	
3	7-229-676	BEVEL GEAR SET	1
4	7-229-535	TAPER ROLLER BEARING	2
5	7-229-536	RING NUT	2
6	7-229-537	CYLINDER BOLT	4
7	7-229-538	CYLINDER BOLT	2
8	7-229-691	BOLT	12
9	7-229-540	FRICTION WASHER	2
10	7-229-541	DIFFERENTIAL SIDE GEAR / RH	1
11	7-229-542	PIN	4
12	7-229-543	CIRCLIP	4
13	7-229-544	FRICTION WASHER	4
14	7-229-545	DIFFERENTIAL PINION	4
15	7-229-716	DIFFERENTIAL CARRIER	1
16	7-229-547	TAPER ROLLER BEARING	2
17		SHIM / SEE ITEMS 49-52 BELOW	
18	7-229-549	SPACER	1
19	7-229-550	RING NUT	1
20		NOT USED (see Parking Brake Assembly)	
21		NOT USED (see Parking Brake Assembly)	
22	7-229-553	FLANGE	1
23	7-229-554	NUT	1
24	7-229-555	CIRCLIP	4
25	7-229-717	SHEET	1
26	7-229-718	SELECTOR	1
27	7-229-719	O-RING	1
28	7-229-720	PISTON	1
29	7-229-721	SPRING	1
30	7-229-722	PLUG	1
31	7-229-723	CIRCLIP	1
32	7-229-724	SELECTOR FORK	1
33	7-229-725	NUT	1
34	7-229-726	O-RING	1
35	7-229-727	SEAL WASHER	1
36	7-229-728	SECURITY SWITCH	1
37	7-229-729	BOOT	1
38	7-229-927	DIFFERENTIAL SIDE GEAR / LH	1
39	7-229-730	RING	1
40	7-229-731	DETENT BALL	6
41	7-229-732	KEY	1
42	7-229-733	CIRCLIP	1
43	7-229-734	DIFFERENTIAL ASSY (INCL. ITEMS 9-15,24,38)	1
44	7-229-529	SHIM / 0.10mm	AR
45	7-229-530	SHIM / 0.15mm	AR
46	7-229-531	SHIM / 0.20mm	AR
47	7-229-532	SHIM / 0.40mm	AR
48	7-229-533	SHIM / 0.50mm	AR
49	7-229-548	SHIM / 0.20mm	AR
50	7-229-557	SHIM / 0.30mm	AR
51	7-229-558	SHIM / 0.15mm	AR
52	7-229-559	SHIM / 0.10mm	AR



ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-623	NUT	2
2	7-229-624	STEERING ADJUST BOLT	2
3	7-229-677	AXLE CASE	2
4	7-229-560	BOLT	32
5	7-229-561	WASHER	32
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	7-229-569	OUTER RACE	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	2
18	7-229-573	PIVOT PIN	2
19	7-229-574	PIVOT PIN	2
20	7-229-575	SEAL	2
21	7-229-576	ARTICULATION	2
22	7-229-678	STEERING CASE / LH	1
23	7-229-578	SEAL	2
24	7-229-579	DUST EXCLUDER	2
25	7-229-580	MAGNET PLUG	2
26	7-229-526	PLUG	3
27	7-229-679	STEERING CASE / RH	1
28	7-229-582	SEAL	2
29	7-229-583	BEARING	20
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	7-229-525	SEAL WASHER	5
40	7-229-681	COUNTERSUNK BOLT	4
41	7-229-682	PLANET GEAR CARRIER	2
42	7-229-595	STUD	16
43	7-229-596	NUT	16
44	7-229-597	CIRCLIP	2
45	7-229-598	ADJUSTING BOLT	2
46	7-229-599	NUT	2
47			
48			
49	7-229-600	LOCKING PLATE	2
50	7-229-601	CIRCLIP	2

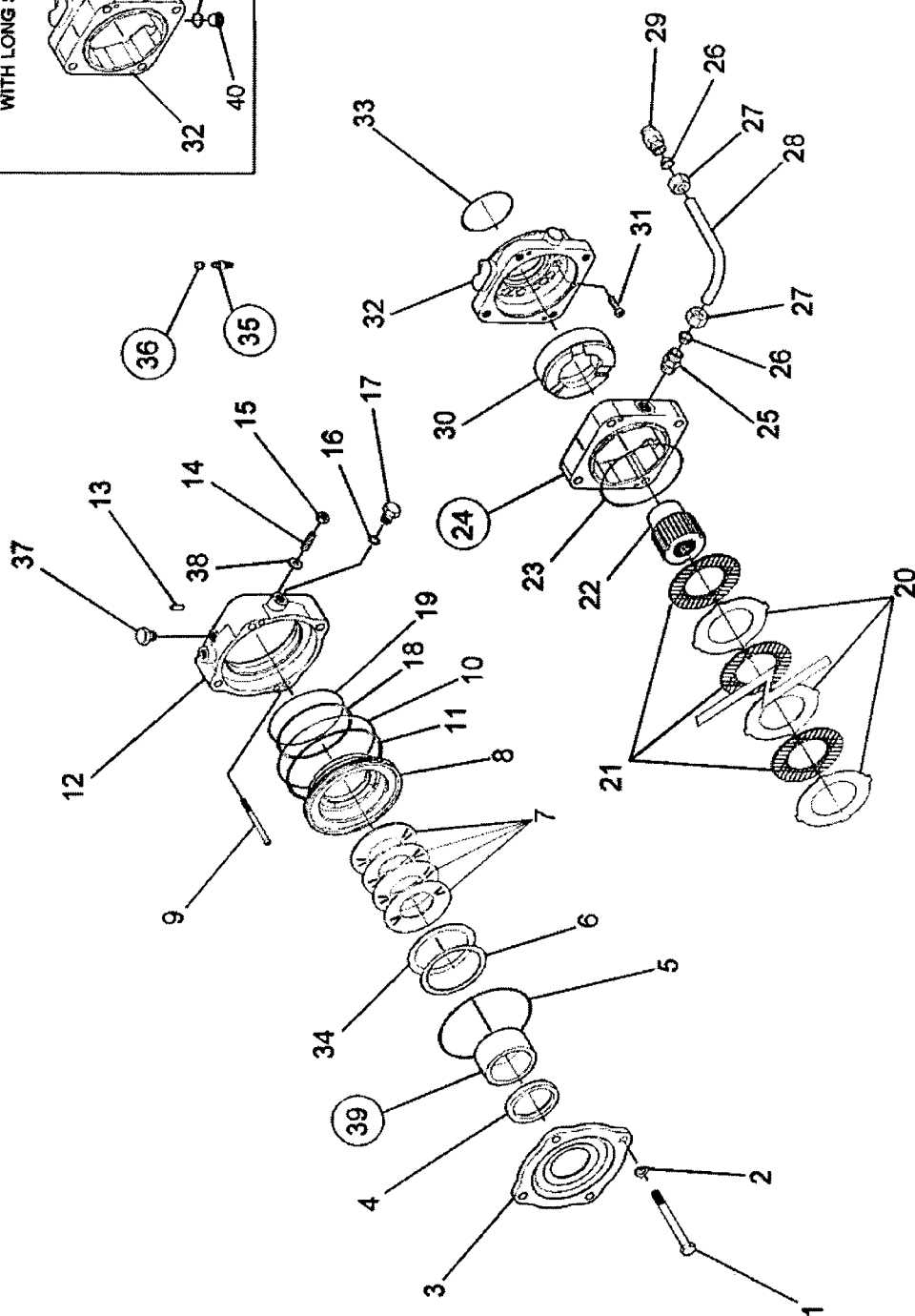
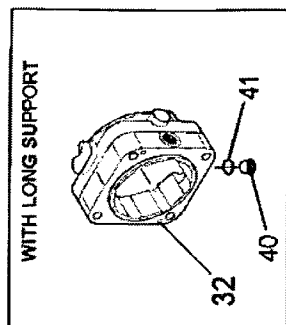
ITEM	NUMBER	DESCRIPTION	REQD
51			
52			
53			
54			
55			
56			
57		SHIM / SEE ITEMS 61-63 BELOW	
58			
59			
60	7-229-683	PLANET GEAR CARRIER ASSY(ITEMS 33-37,41,44) 2	
61	7-229-602	SHIM / 0.15mm	AR
62	7-229-603	SHIM / 0.20mm	AR
63	7-229-604	SHIM / 0.50mm	AR

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal black lines across its entire width, typical of notebook or composition paper. The background is a solid off-white color, and there are no margins, text, or other markings present.



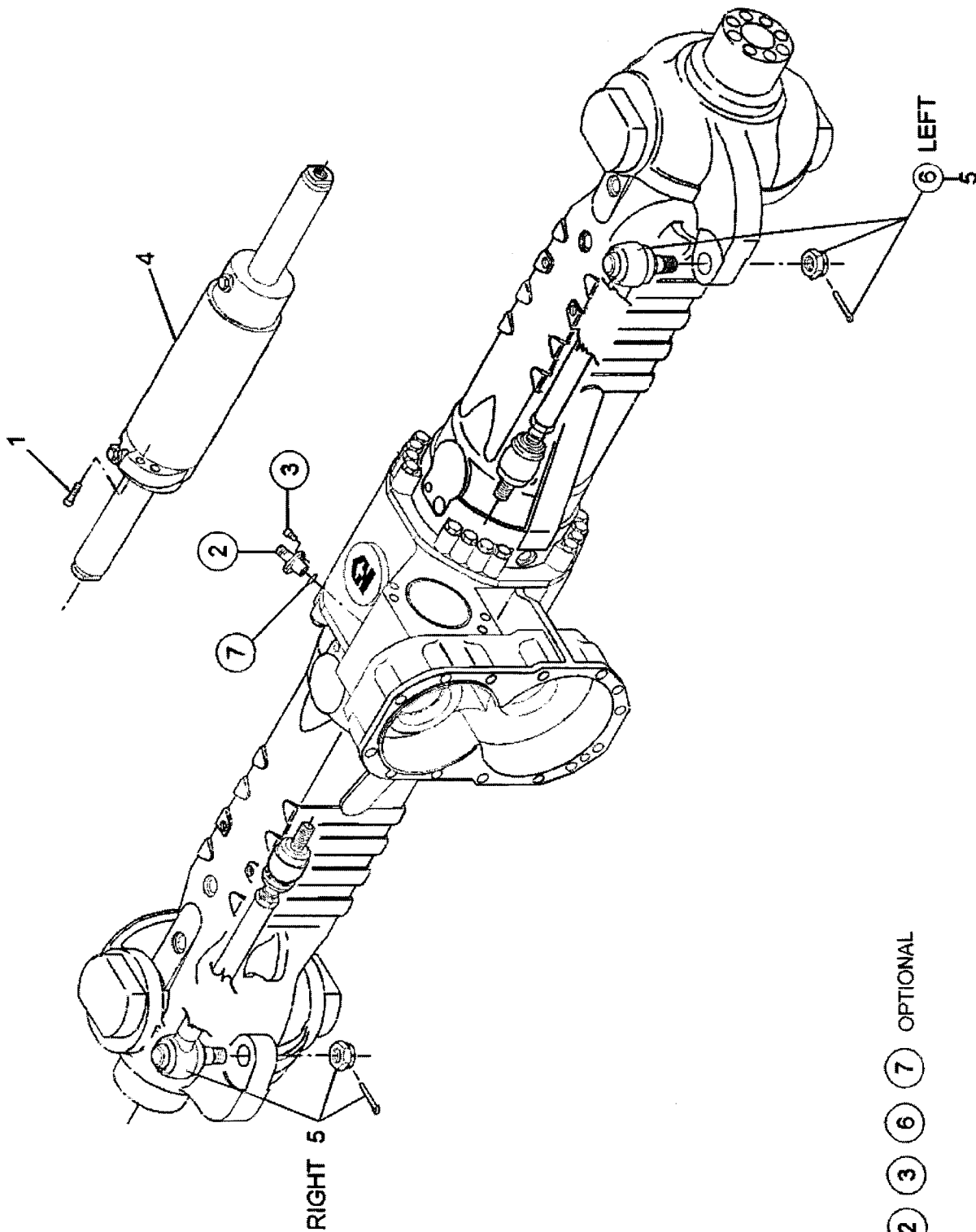
⑭ = Position KIT = 4+5+6+7+8+9

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-605	BRAKE DISC	6
2	7-229-606	ADJUSTING BOLT	6
3	7-229-607	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	7-229-616	DOWEL	2
14	7-229-617	PISTON	2



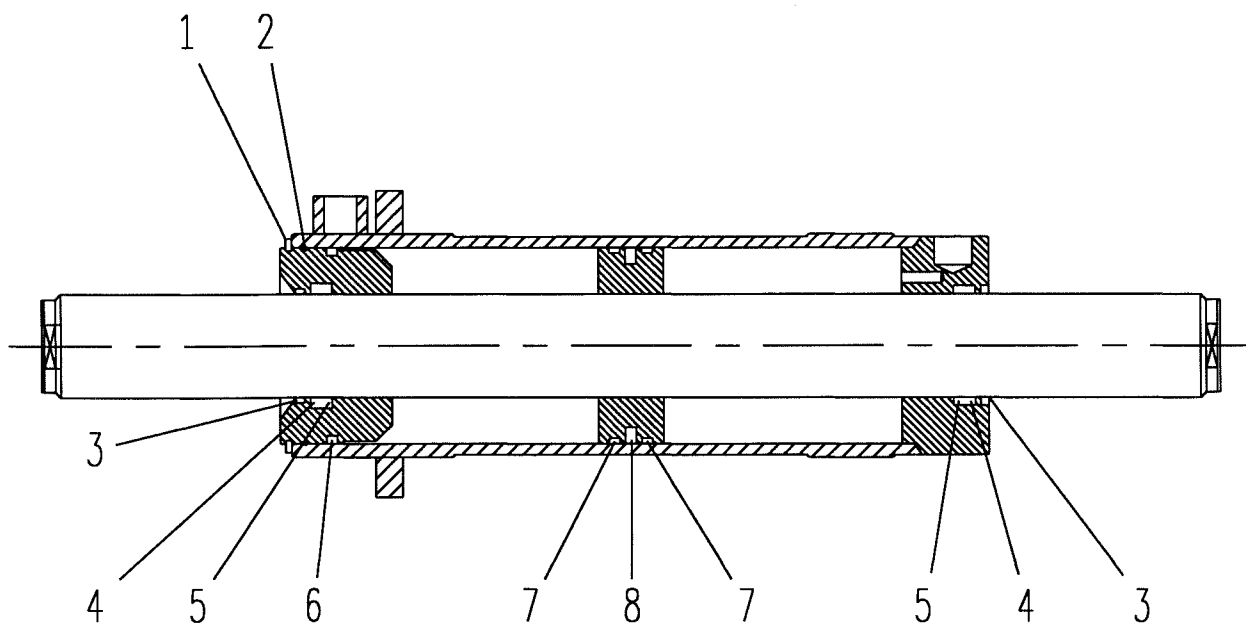
(24) (35) (36) (39) OPTIONAL

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-684	HEXAGON BOLT	4
2	7-229-630	SPRING WASHER	4
3	7-229-631	COVER	1
4	7-229-632	SEAL	1
5	7-229-633	O-RING	1
6	7-229-634	FRICTION WASHER	1
7	7-229-635	SPRING	4
8	7-229-636	PISTON	1
9			
10	7-229-638	BACK-UP RING	1
11	7-229-639	O-RING	1
12	7-229-640	COVER	1
13	7-229-641	DOWEL	1
14	7-229-642	BOLT	2
15	7-229-643	NUT	2
16	7-229-644	SEAL WASHER	3
17	7-229-645	BOLT	3
18	7-229-646	O-RING	1
19	7-229-647	BACK-UP RING	1
20	7-229-648	INTERMEDIATE BRAKE DISC	12
21	7-229-649	BRAKE DISC	11
22	7-229-685	SELECTOR	1
23	7-229-651	RING	1
24			
25	7-229-653	ADAPTOR	1
26	7-229-654	ADAPTOR	2
27	7-229-655	ADAPTOR	2
28	7-229-686	TUBE	1
29	7-229-657	ADAPTOR	1
30	7-229-687	SPACER	1
31	7-229-688	CYLINDER BOLT	18
32	7-229-689	COVER	1
33	7-229-661	O-RING	1
34		SHIM / SEE ITEMS 42-45 BELOW	
35			
36			
37	7-229-666	PLUG	1
38	7-229-667	WASHER	2
39	7-229-668	SPACER	1
40	7-229-690	PLUG	1
41	7-229-525	SEAL WASHER	1
42	7-229-662	SHIM / 0.10mm	AR
43	7-229-663	SHIM / 0.20mm	AR
44	7-229-664	SHIM / 0.50mm	AR
45	7-229-665	SHIM / 0.15mm	AR



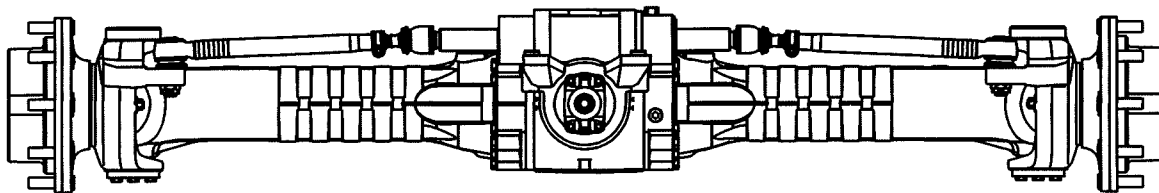
2 3 6 7 OPTIONAL
 5 6 LEFT

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-618	CYLINDER BOLT	4
2			
3			
4	7-229-619	CYLINDER	1
5	7-229-669	ARTICULATED TIE ROD / LH & RH	2



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

REAR AXLE
PARTS BOOK
TH636C TH644C TH842C TH844C

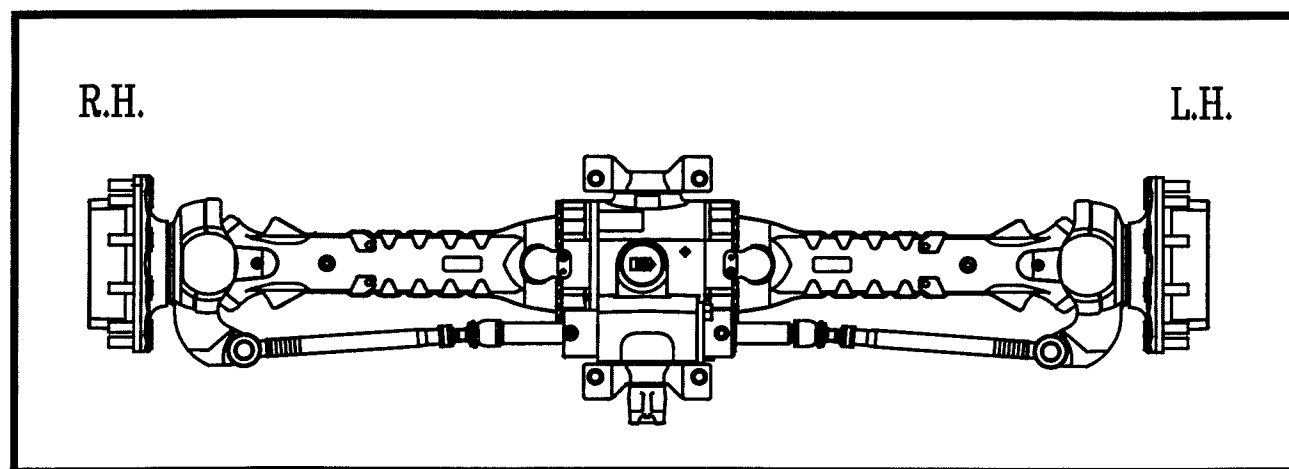


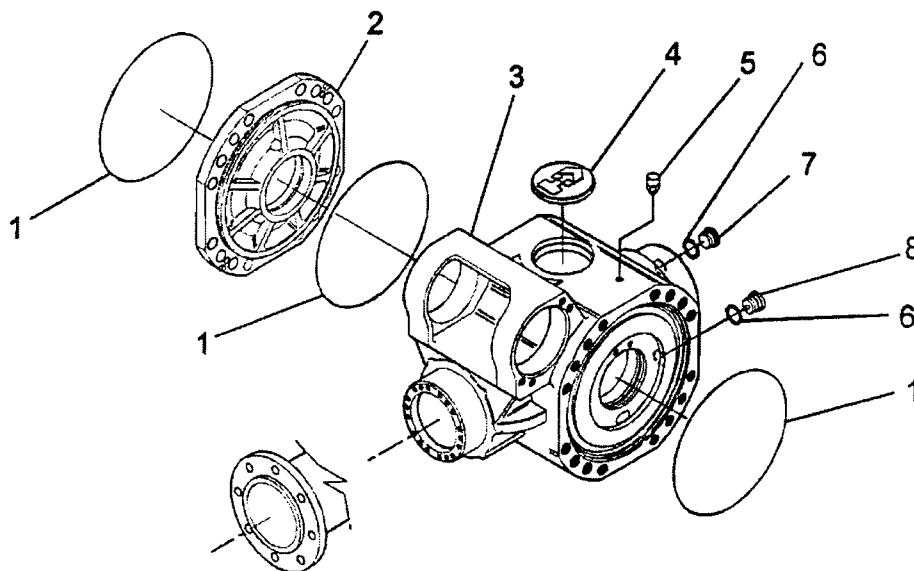
DATE: 9-7-99
SPICER CLARK-HURTH 212/184 AXLE
7-229-619 STEERING CYLINDER

TEREX HANDLERS
455 N. Superior Ave., Baraga, MI 49908-0248
PH: (906) 353-6675; FAX: (906) 353-7543
INTERNET: <http://www.sqshooter.com>

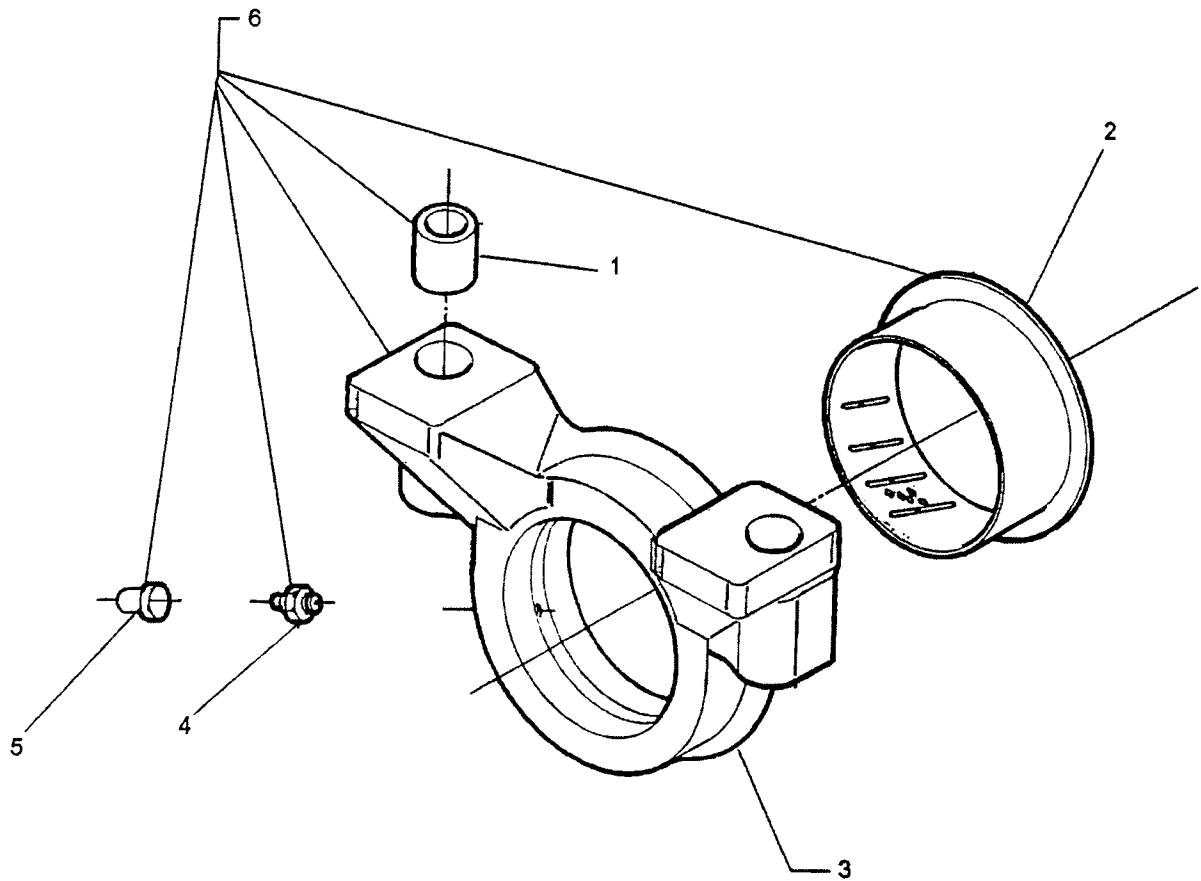
AXLE PARTS ORDERING GUIDE

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

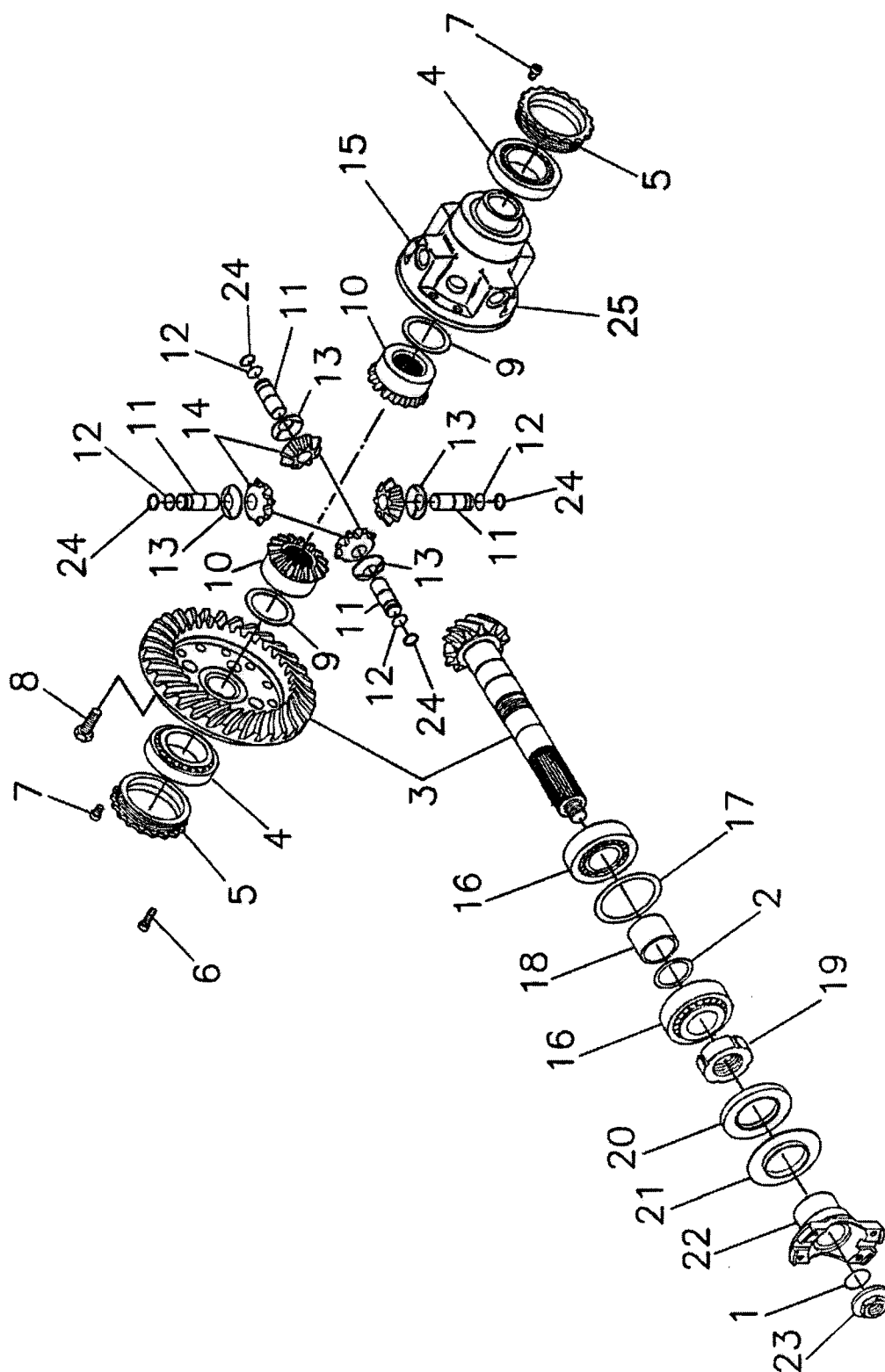




ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-520	O-RING	3
2	7-229-521	INTERMEDIATE COVER	1
3	7-229-522	HOUSING	1
4	7-229-523	PLUG	1
5	7-229-524	VENT	1
6	7-229-525	SEAL WASHER	2
7	7-229-526	PLUG	1
8	7-229-527	MAGNETIC PLUG	1

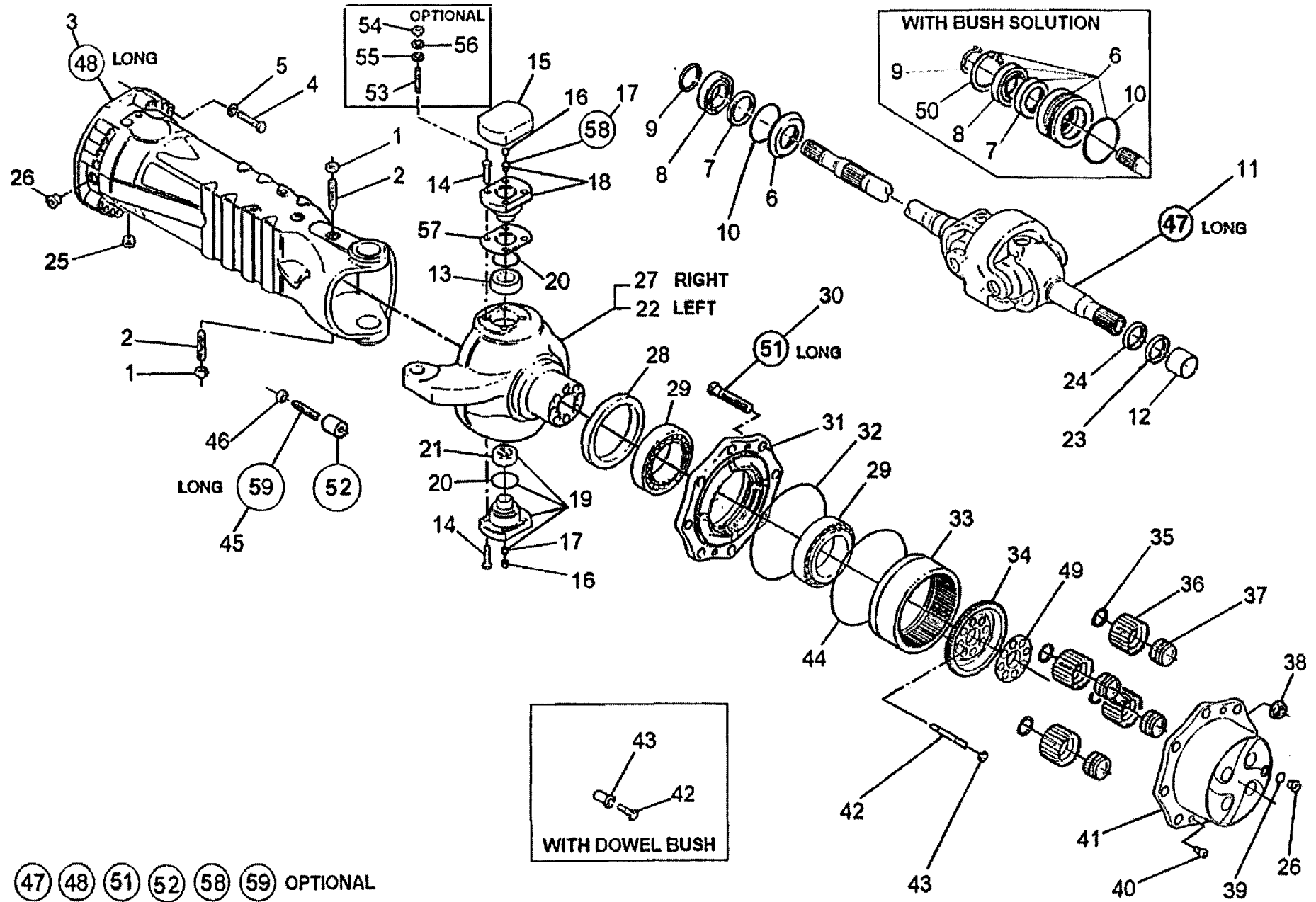


ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-620	REDUCTION BUSHING	4
2	7-229-621	THRUST BUSHING	2
3	7-229-622	SUPPORT	2
4	7-229-572	GREASE FITTING	2
5	7-229-571	PLUG	2
6	7-229-735	SUPPORT ASSEMBLY (INCL. ITEMS 1-5)	2



Position Kit N° 25 = 9+10+11+12+13+14+15+24

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-528	O-RING	1
2		SHIM / SEE ITEMS 26-30 BELOW	
3	7-229-534	BEVEL GEAR SET	1
4	7-229-535	TAPER ROLLER BEARINGS	2
5	7-229-536	RING NUT	2
6	7-229-537	CYLINDER BOLT	4
7	7-229-538	CYLINDER BOLT	2
8	7-229-539	BOLT	12
9	7-229-540	FRICTION WASHER	2
10	7-229-541	DIFFERENTIAL SIDE GEAR	2
11	7-229-542	PIN	4
12	7-229-543	CIRCLIP	4
13	7-229-544	FRICTION WASHER	4
14	7-229-545	DIFFERENTIAL PINION	4
15	7-229-546	DIFFERENTIAL CARRIER	1
16	7-229-547	TAPER ROLLER BEARING	2
17		SHIM / SEE ITEMS 31-34 BELOW	
18	7-229-549	SPACER	1
19	7-229-550	RING NUT	1
20	7-229-551	SEAL	1
21	7-229-552	COVERPLATE	1
22	7-229-553	FLANGE	1
23	7-229-554	NUT	1
24	7-229-555	CIRCLIP	4
25	7-229-556	DIFFERENTIAL (ITEMS 9-15,24)	1
26	7-229-529	SHIM / 0.10mm	AR
27	7-229-530	SHIM / 0.15mm	AR
28	7-229-531	SHIM / 0.20mm	AR
29	7-229-532	SHIM / 0.40mm	AR
30	7-229-533	SHIM / 0.50mm	AR
31	7-229-548	SHIM / 0.20mm	AR
32	7-229-557	SHIM / 0.30mm	AR
33	7-229-558	SHIM / 0.15mm	AR
34	7-229-559	SHIM / 0.10mm	AR



(47) (48) (51) (52) (58) (59) OPTIONAL

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-623	NUT	2
2	7-229-624	STEERING ADJUST BOLT	2
3	7-229-625	AXLE CASE	2
4	7-229-560	BOLT	32
5	7-229-561	WASHER	32
6	7-229-562	REDUCTION BUSING	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	7-229-569	OUTER RACE	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	2
18	7-229-573	PIVOT PIN	2
19	7-229-574	PIVOT PIN	2
20	7-229-575	SEAL	2
21	7-229-576	ARTICULATION	2
22	7-229-577	STEERING CASE / LH	1
23	7-229-578	SEAL	2
24	7-229-579	DUST EXCLUDER	2
25	7-229-580	MAGNET PLUG	2
26	7-229-526	PLUG	3
27	7-229-581	STEERING CASE / RH	1
28	7-229-582	SEAL	2
29	7-229-583	BEARING	20
30	7-229-584	WHEEL STUD	20
31	7-229-585	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	7-229-525	SEAL WASHER	5
40	7-229-593	CYLINDER BOLT	4
41	7-229-594	PLANET GEAR CARRIER	2
42	7-229-595	STUD	16
43	7-229-596	NUT	16
44	7-229-597	CIRCLIP	2
45	7-229-598	ADJUSTING BOLT	2
46	7-229-599	NUT	2
47			
48			
49	7-229-600	LOCKING PLATE	2
50	7-229-601	CIRCLIP	2

ITEM	NUMBER	DESCRIPTION	REQD
------	--------	-------------	------

51

52

53

54

55

56

57

SHIM / SEE ITEMS 58-60 BELOW

58 7-229-602

SHIM / 0.15mm

AR

59 7-229-603

SHIM / 0.20mm

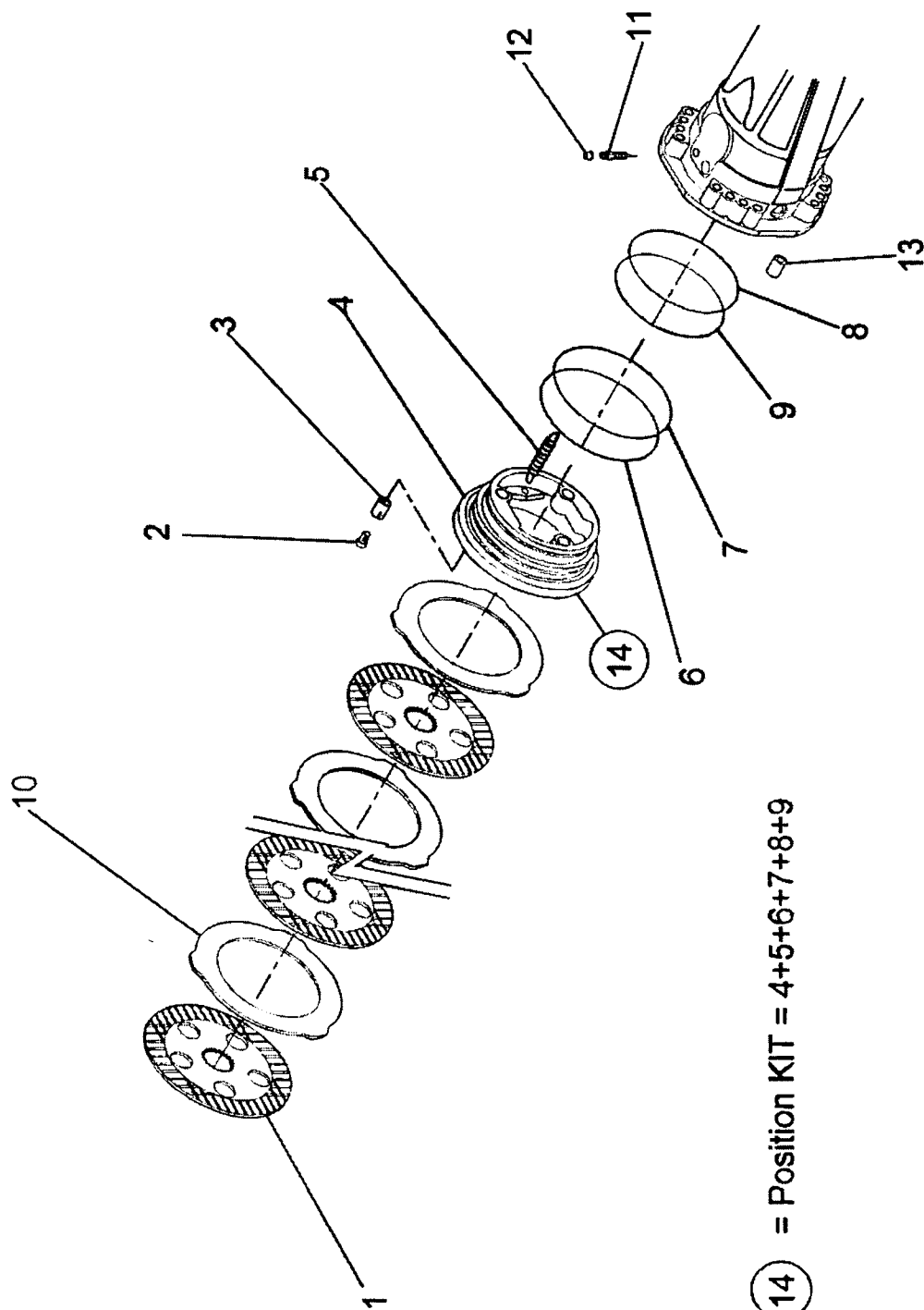
AR

60 7-229-604

SHIM / 0.50mm

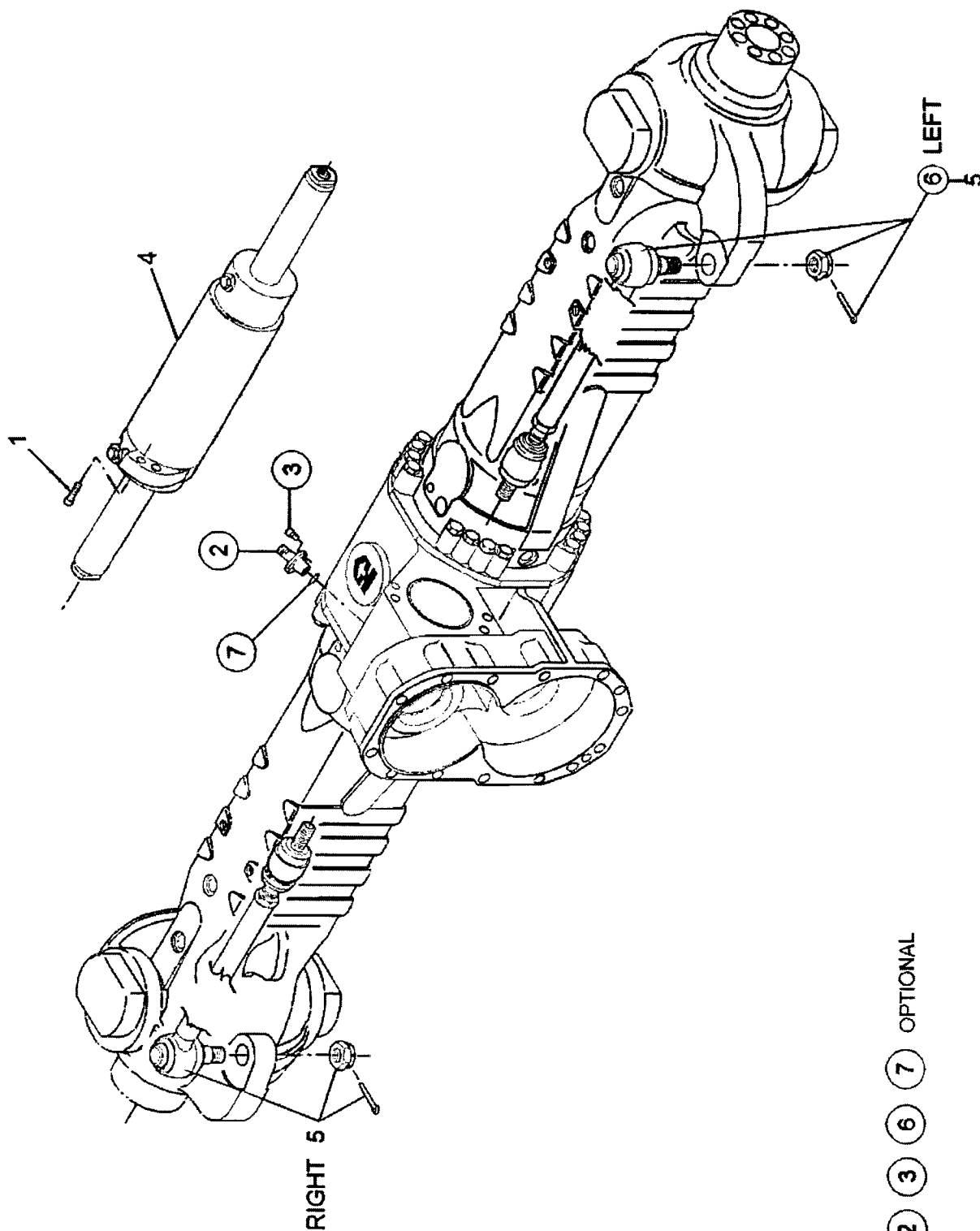
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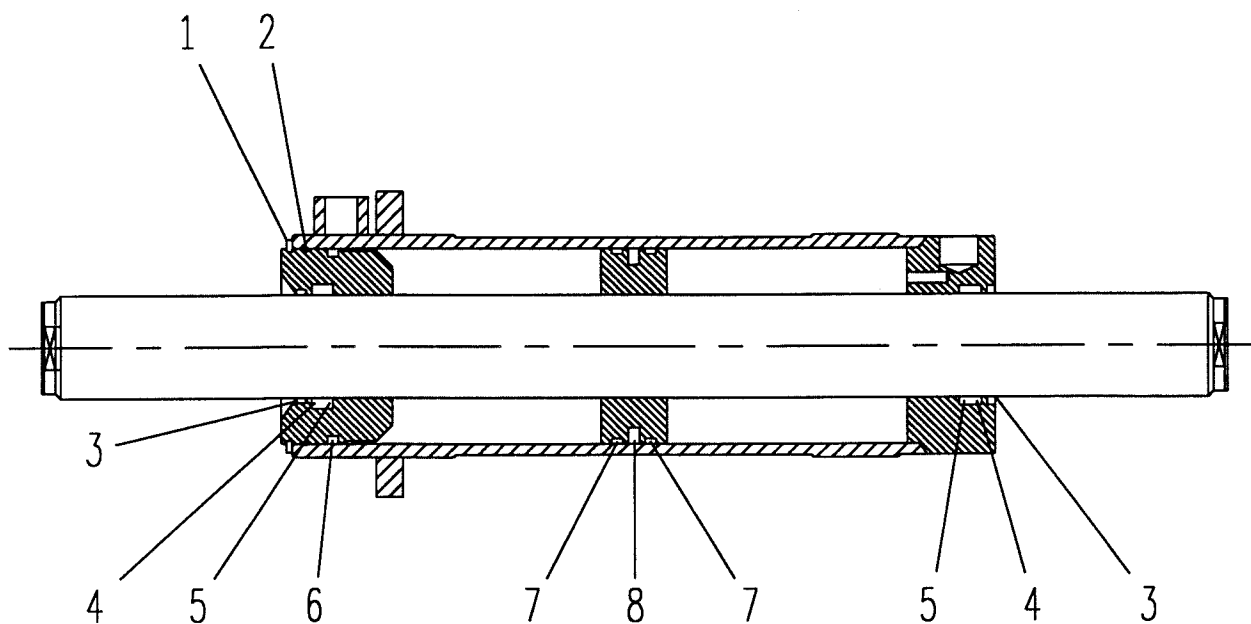
⑭ = Position KIT = 4+5+6+7+8+9

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-605	BRAKE DISC	6
2	7-229-606	ADJUSTING BOLT	6
3	7-229-607	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	7-229-616	DOWEL	2
14	7-229-617	PISTON	2



2 3 6 7 OPTIONAL

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-618	CYLINDER BOLT	4
2			
3			
4	7-229-619	CYLINDER	1
5	7-229-669	ARTICULATED TIE ROD / LH & RH	2



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

