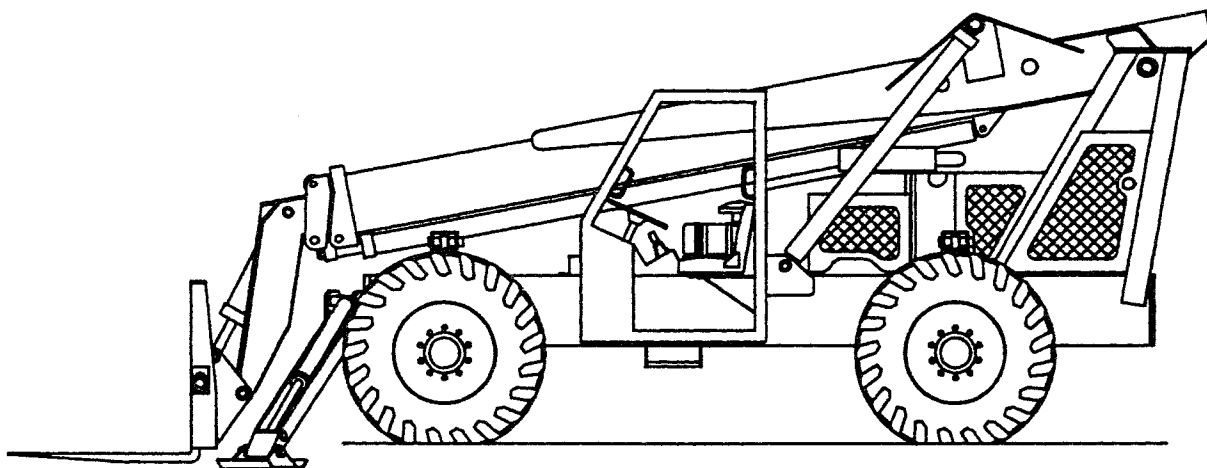


SQUARE SHOOTER PARTS BOOK SS-1048



DATE: MAY 29, 1995

JOHN DEERE 4039T ENGINE
7-316 HYDRAULIC CYLINDERS
INTERMEDIATE DROP TRANSMISSION
VICKERS HYDRAULIC PUMP

BARAGA PRODUCTS, INC.
455 N. Superior Ave.
Baraga, MI 49908-0248
Ph. (906) 353-6675 Fax (906) 353-7543

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SS-1048 SQUARE SHOOTER

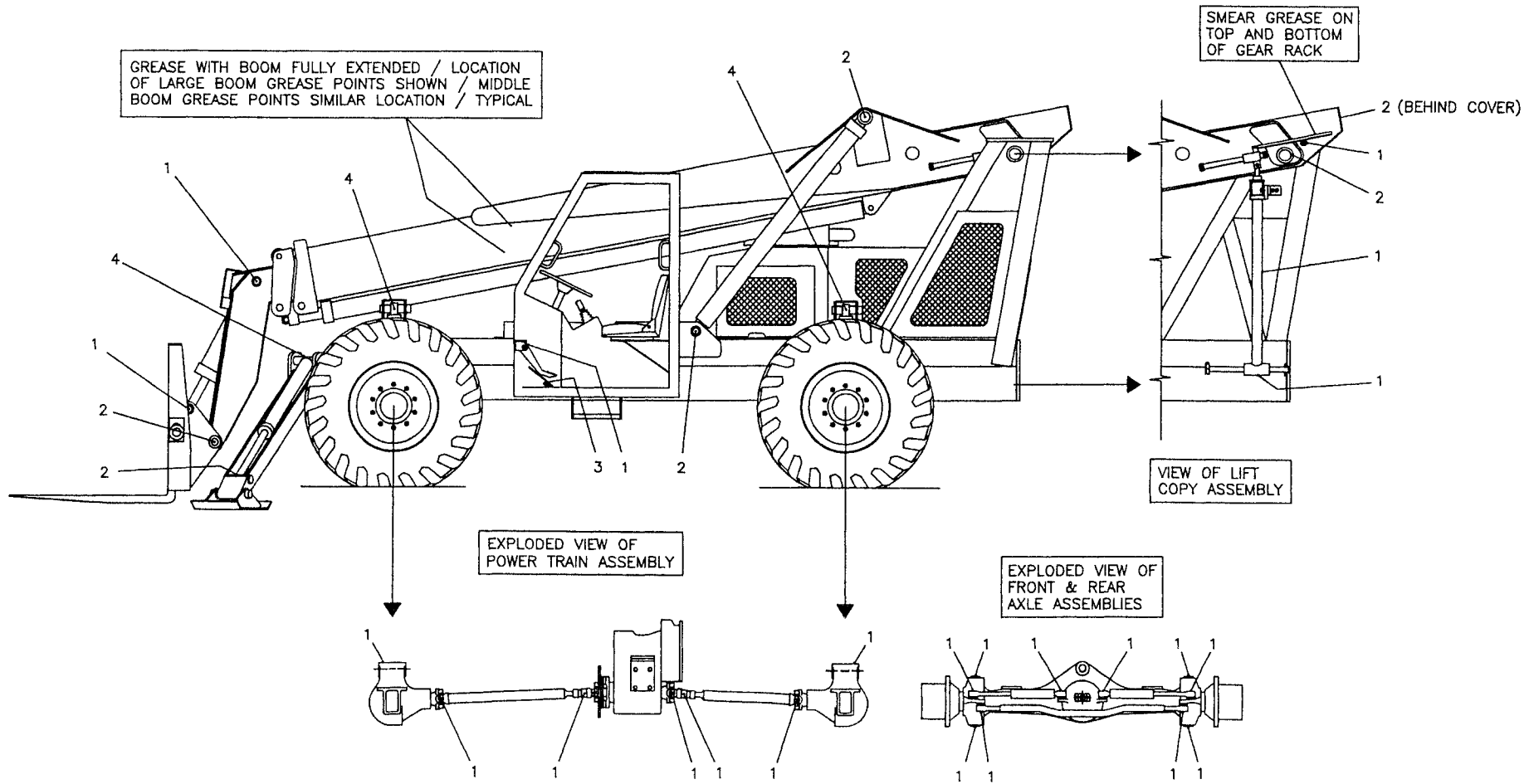
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1	SEAL KITS / SS-1048 SQUARE SHOOTER	P1-1118
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3	GENERAL ASSEMBLY	P4-1433
4	OPERATORS COMPARTMENT ASSEMBLY	P4-1488
5	POWER TRAIN ASSEMBLY / JD-4039T	P4-1434
6	ENGINE and PUMP ASSY / JD-4039T	P4-1486
7	BOOM ASSEMBLY	P4-1435
8	STABILIZER ASSEMBLY	P4-1490
9	LIFT COPY ASSEMBLY	P4-1436
10	FOOT BRAKE ASSEMBLY	P4-1097
11	PARKING BRAKE ASSEMBLY	P4-1491
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19	PUMP DRIVE ASSEMBLY	P4-1447
20	DRIVESHAFT ASSEMBLY / FRONT	P1-1119
21	DRIVESHAFT ASSEMBLY / REAR	P1-1120
22	TIRE & WHEEL ASSEMBLY	P3-1252
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25	INSTRUMENT PANEL ASSEMBLY	P4-1455
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28	CIRCUIT / LIFT-TILT	P4-1458
29	CIRCUIT / BOOM	P4-1459
30	CIRCUIT / 4-WAY CONTROLLER	P4-1460
31	CIRCUIT / AUTO-CONTROLLER	P4-1461
32	CIRCUIT / STEERING	P4-1462
33	CIRCUIT / SWAY	P4-1463
34	CIRCUIT / FRONT STABILIZER	P4-1464
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36	CIRCUIT / PRESSURE SWITCH	P4-1466
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41	STARTER RELAY / SENDER ASSEMBLY	P4-1210
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45	CYLINDER / BOOM / 7-316-17	P4-1473
46	CYLINDER / SWAY-REAR LOCK / 7-316-01	P4-1345
47	CYLINDER / STABILIZER / 7-316-12	P4-1356
48	CONTROL BLOCK ASSEMBLY	P4-1099
49	LOGIC BLOCK ASSEMBLY	P4-1291
50	MOTION VALVE / BASE TILT CYLINDER	P3-1098

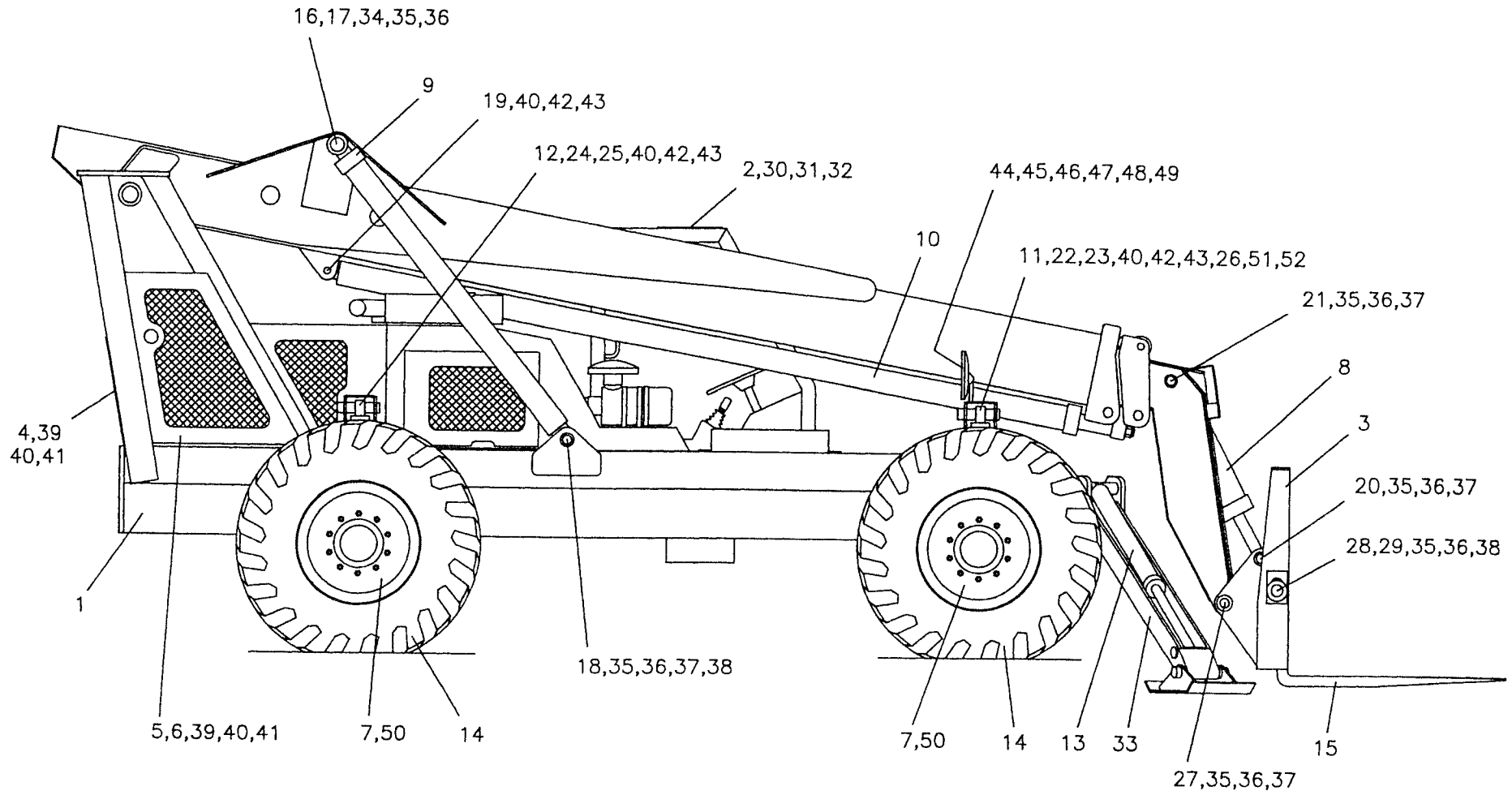
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 SS-1048 SQUARE SHOOTER

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52	MOTION VALVE / BOOM CYLINDER	P3-1096
53	MOTION VALVE / BASE LIFT CYLINDER	P3-1209
54	DUAL PILOT CHECK VALVE / 7-234-04	P3-1100
55	BOOM BY-PASS VALVE / 7-234-09	P3-1099
56	ORBITRAL ASSEMBLY / 7-122-01	P1-1039
57	SELECTOR VALVE ASSEMBLY / 7-217-01	P4-1162
58	PRESSURE FILTER ASSEMBLY / 7-256-16	P2-1089
59	RETURN FILTER ASSEMBLY / 7-256-23	P1-1060
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61	HYDRAULIC PUMP ASSEMBLY / 7-321-70	P4-1508
62	HANDLE ASSEMBLY / 4-WAY CONTROLLER	P1-1081
63	MAIN VALVE ASSEMBLY / 7-200-80	P4-1425

MANUFACTURE PART NUMBER	NUMBER	DESCRIPTION	SEAL KIT
LKDC-XDN	7-234-10	CARTRIDGE / NORMALLY CLOSED	7-234-29
LODC-XDN	7-234-11	CARTRIDGE / NORMALLY OPEN	7-234-29
CSAB-XXN	7-234-12	CARTRIDGE / SHUTTLE	7-234-29
PPDB-LNN	7-234-13	CARTRIDGE / REDUCING RELIEVING	7-234-29
PPDB-LQN	7-234-64	CARTRIDGE / REDUCING RELIEVING	7-234-29
PBFB-FAN	7-234-15	CARTRIDGE / REDUCING	7-234-30
CKCB-XCN	7-234-62	CARTRIDGE / PILOT CHECK	7-234-29
CXDA-XCN	7-234-16	CARTRIDGE / CHECK	7-234-31
NFCC-LCN	7-234-17	CARTRIDGE / NEEDLE	7-234-31
CKCD-XAN	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
CAEA-LHN	7-234-53	CARTRIDGE / COUNTERBALANCE	7-234-30
NFCC-LDN	7-234-37	CARTRIDGE / NEEDLE	7-234-31
CKED-XCN	7-234-55	CARTRIDGE / PILOT CHECK	7-234-30
12C34S	7-244-03	CARTRIDGE / ELECTRIC / SWAY & SQ.SHOOT	7-244-45
	7-316-01	CYLINDER / SWAY-REAR LOCK / P4-1345	7-900-20
	7-316-15	CYLINDER / LIFT / P4-1471	7-900-34
	7-316-16	CYLINDER / TILT / P4-1472	7-900-22
	7-316-17	CYLINDER / BOOM / P4-1473	7-900-33
	7-316-05	CYLINDER / ROTATE / P4-1349	7-900-25
	7-316-12	CYLINDER / STABILIZER / P4-1356	7-900-35
	7-229-262	CYLINDER / STEERING	7-229-226
	7-198-01	BRAKE ACTUATOR	7-198-36
	7-217-01	SELECTOR VALVE / STEERING	7-217-26
	7-122-01	ORBITRAL / STEERING	7-122-29





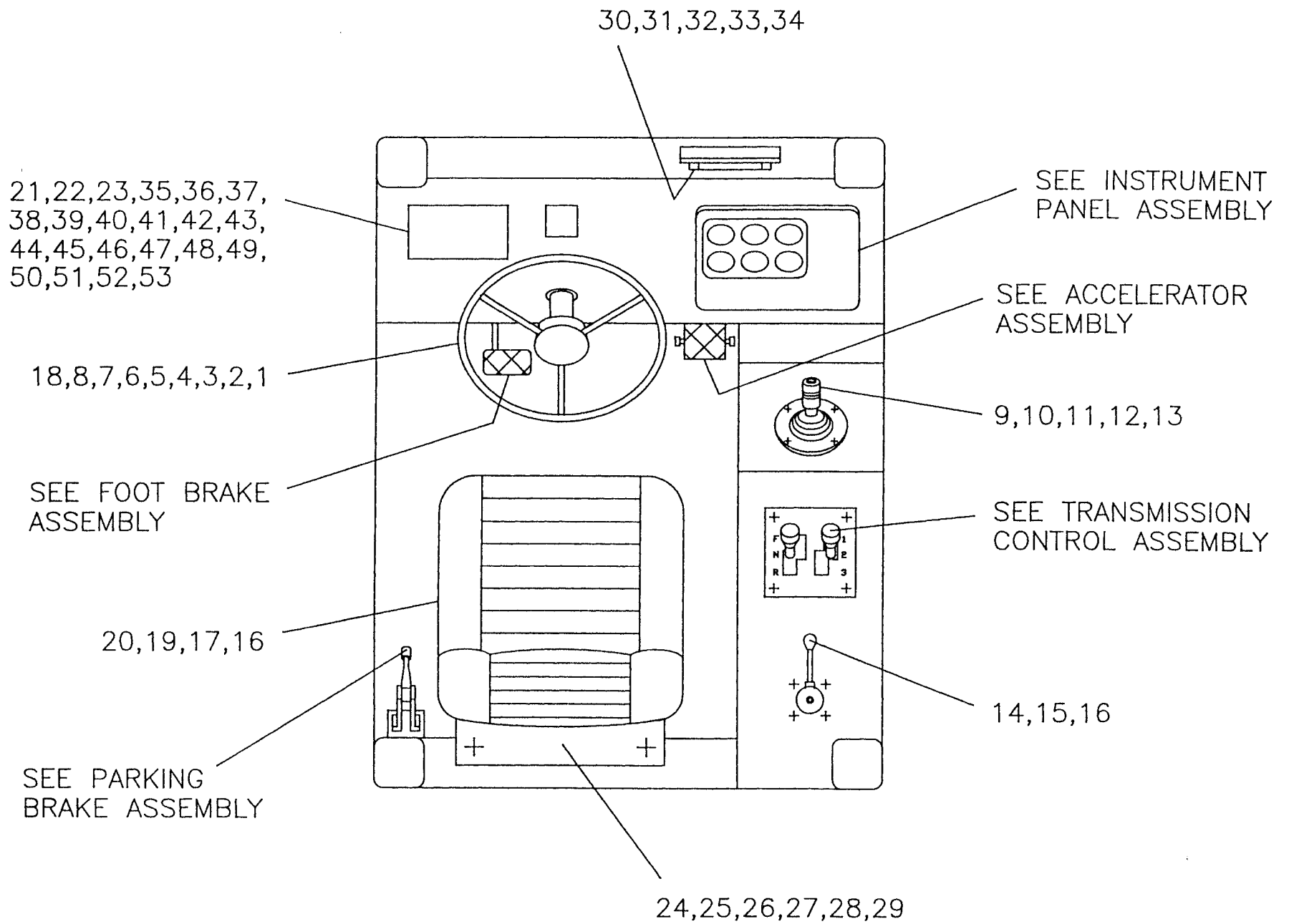
ITEM	NUMBER	DESCRIPTION	REQD
1	4-1437	MAIN FRAME WELDMENT	1
2	4-1279	CANOPY WELDMENT	1
3	4-1441	FORK FRAME / 48 WIDE	1
4	4-1480-1	REAR PANEL	1
5	4-1480-3	SIDE PANEL / RH	1
6	4-1480-2	SIDE PANEL / LH	1
7	3-1248	WHEEL	4
8	7-316-16	CYLINDER / TILT	1
9	7-316-15	CYLINDER / LIFT	2
10	7-316-17	CYLINDER / BOOM	1
11	7-316-01	CYLINDER / SWAY	2
12	7-316-01	CYLINDER / REAR LOCK-UP	2
13	7-316-12	CYLINDER / STABILIZER	2
14	7-150-02	TIRE 14.00-24	4
15	3-1234	FORK TINE / 48 LG.	2
16	3-1092-1	CROSS SHAFT / HEAD LIFT CYLINDER	1
17	6-2524-10	COLLAR / HEAD LIFT CYLINDER	2
18	3-1054-2	PIN / BASE LIFT CYLINDER	2
19	2-1090	PIN / BASE BOOM CYLINDER	1
20	6-3316-65	PIN / HEAD TILT CYLINDER	1
21	3-1054-1	PIN / BASE TILT CYLINDER	1
22	3-1243-2	PIN / HEAD SWAY CYLINDER	2
23	6-3312-73	PIN / BASE SWAY CYLINDER	2
24	6-3312-55	PIN / HEAD LOCK-UP CYLINDER	2
25	6-3312-73	PIN / BASE LOCK-UP CYLINDER	2
26	3-1243-3	RETAINER / PIN	2
27	6-3316-168	PIN / FORK FRAME	1
28	2-1125-10	PIN / FORK TINE	1
29	1-1113	COLLAR / FORK TINE PIN	1
30	3-1065-1	SAFETY GLASS / ROOF	1
31	6-5204-04	CAPSCREW 1/4 NC x 1/2 LG.	8
32	6-6212-04	FLATWASHER 1/4	8
33	P4-1490	STABILIZER ASSEMBLY	REF
34	6-5208-44	CAPSCREW 1/2 NC x 5 1/2 LG.	2
35	6-6201-08	HEX NUT 1/2 NC	8
36	6-6211-08	LOCKWASHER 1/2	8
37	6-5208-30	CAPSCREW 1/2 NC x 3 3/4 LG.	4
38	6-5208-36	CAPSCREW 1/2 NC x 4 1/2 LG.	2
39	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	16
40	6-6211-06	LOCKWASHER 3/8	23
41	6-6212-06	FLATWASHER 3/8	16
42	6-5206-22	CAPSCREW 3/8 NC x 2 3/4 LG.	7
43	6-6201-06	HEX NUT 3/8 NC	7
44	7-289-01	MIRROR HEAD	1
45	7-289-02	MIRROR ELBOW	1
46	6-5206-10	CAPSCREW 3/8 NC x 1 1/4 LG.	1
47	6-5206-12	CAPSCREW 3/8 NC x 1 1/2 LG.	1
48	6-6211-06	LOCKWASHER 3/8	2
49	6-6212-06	FLATWASHER 3/8	4
50	7-286-01	VALVE STEM / AIR-CHLORIDE-FOAM	4
51	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	4
52	6-6211-05	LOCKWASHER 5/16	4

DRAWING
NUMBER

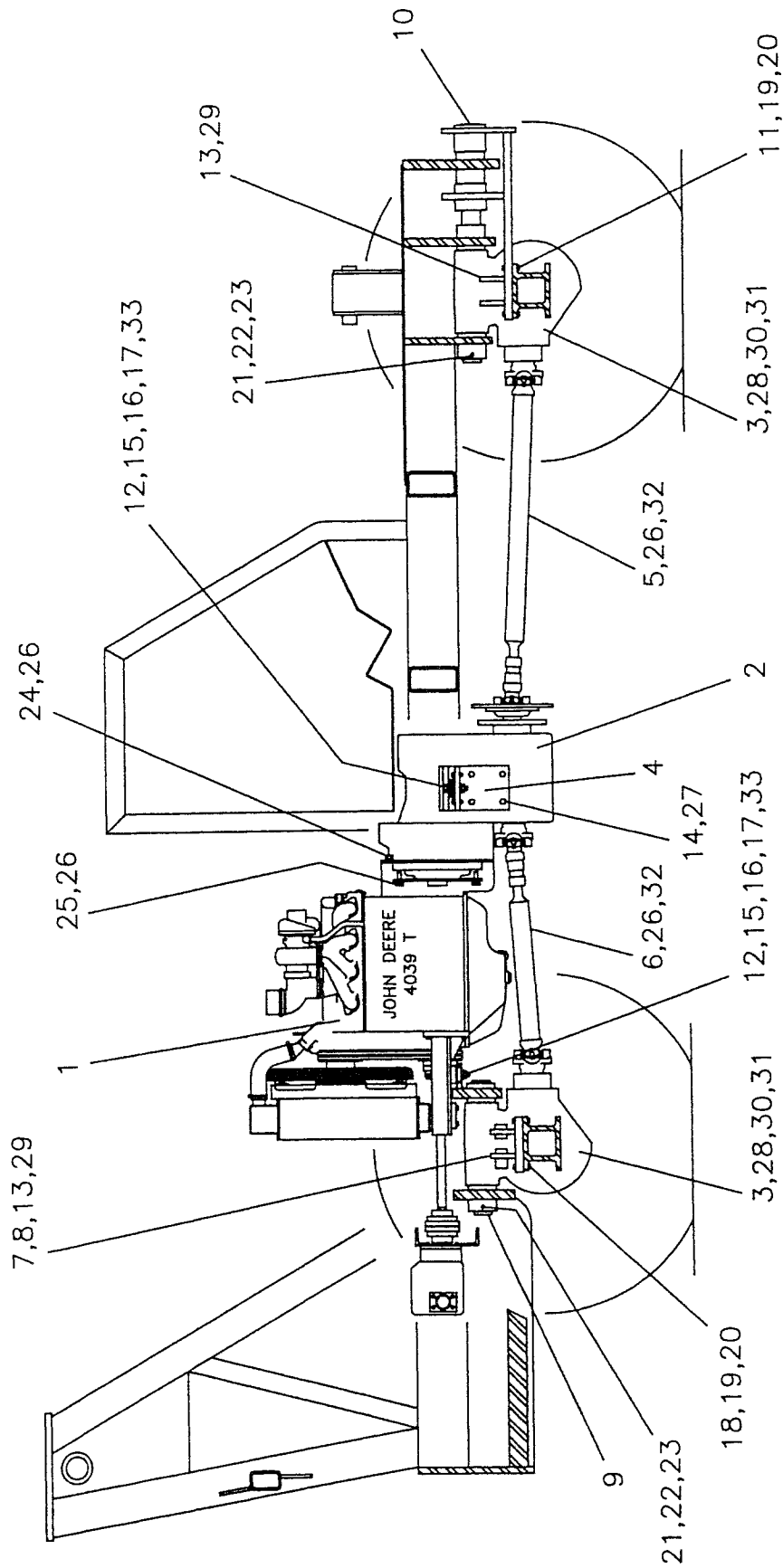
P4-1433

GENERAL ASSEMBLY
SS-1048 SQUARE SHOOTER

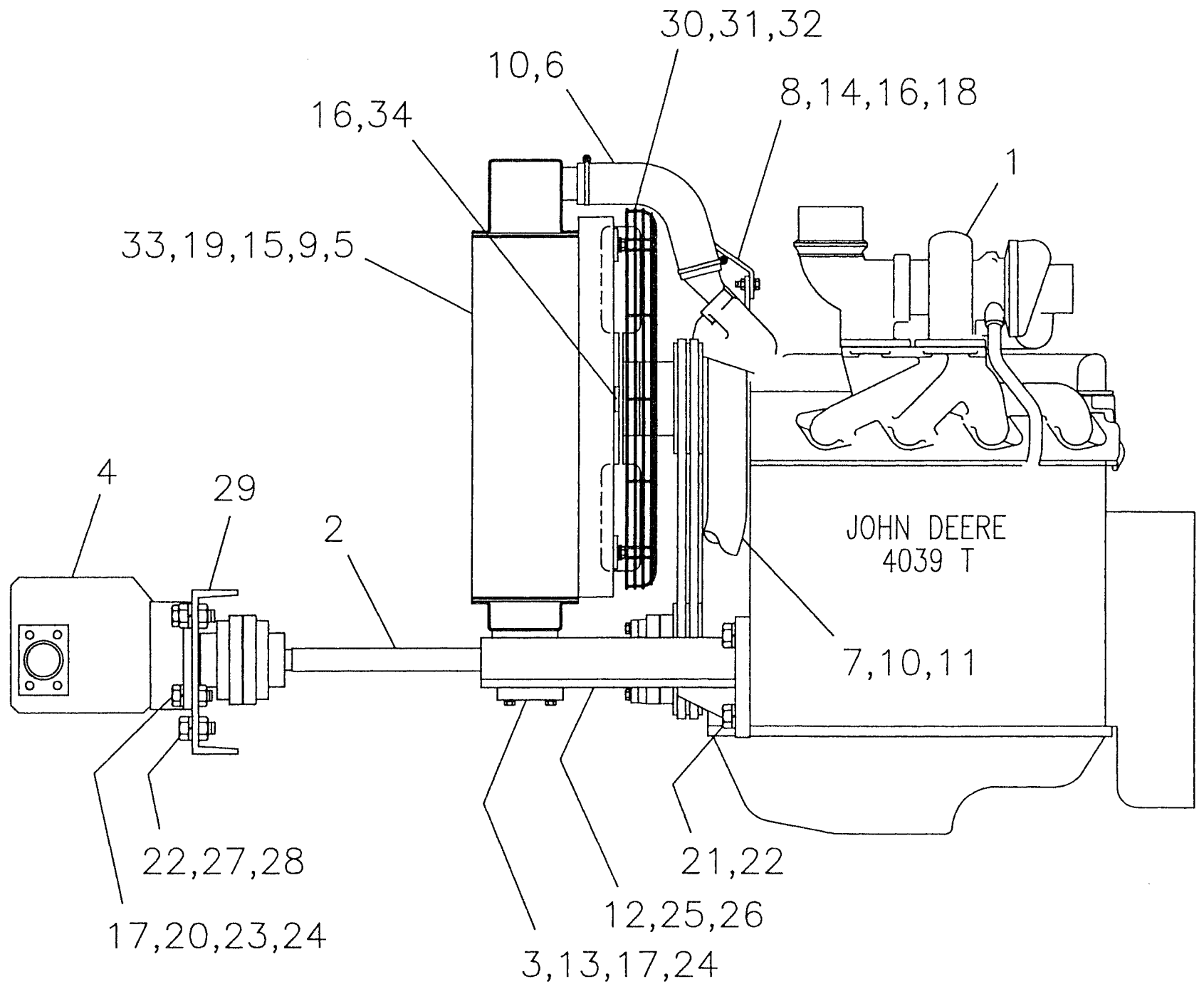
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ITEM	NUMBER	DESCRIPTION	REQD
1	7-122-01	STEERING ORBITRAL	REF
2	7-122-02	STEERING COLUMN	1
3	7-318-01	STEERING WHEEL	1
4	7-318-02	HORN BUTTON KIT	1
5	7-122-05	NUT / STEERING WHEEL	1
6	6-5206-12	CAPSCREW 3/8 NC x 1 1/2 LG.	2
7	6-6211-06	LOCKWASHER 3/8	4
8	6-6212-06	FLATWASHER 3/8	12
9	7-200-81	CONTROLLER / 4-WAY	REF
10	6-5204-08	CAPSCREW 1/4 NC x 1 LG.	4
11	6-6211-04	LOCKWASHER 1/4	4
12	6-6212-04	FLATWASHER 1/4	4
13	6-6201-04	HEX NUT 1/4 NC	4
14	7-217-01	SELECTOR VALVE	REF
15	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	4
16	6-6211-05	LOCKWASHER 5/16	8
17	7-317-01	SEAT	1
18	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	2
19	6-6201-05	HEX NUT 5/16 NC	4
20	7-274-01	SEAT BELT	1
21	4-1401-8	DECAL / TRANSMISSION OIL	1
22	3-1218	DECAL / WARNING	1
23	3-1069-3	DECAL / STABILIZER WARNING	1
24	3-1204-1	SEAT SUPPORT	1
25	3-1204-2	SEAT MOUNT	1
26	6-5205-08	CAPSCREW 5/16 NC x 1 LG.	4
27	6-5205-32	CAPSCREW 5/16 NC x 4 LG.	2
28	6-6211-05	LOCKWASHER 5/16	6
29	6-6201-05	HEX NUT 5/16 NC	6
30	7-283-01	LEVEL GAGE	1
31	6-6284-03	MACHINE SCREW 8-32 x 1 LG.	2
32	6-6286-02	HEX NUT 8-32	2
33	6-6286-11	STARWASHER / INTERNAL #8	2
34	6-6286-10	FLATWASHER / #8	2
35	4-1401-1	DECAL / STEERING SELECTOR	1
36	4-1401-9	DECAL / FUSE HOLDER	1
37	4-1392-4	DECAL / SS-1048	2
38	4-1391-1	DECAL / SQUARE SHOOTER / 40 INCH	2
39	4-1391-2	DECAL / SQUARE SHOOTER / 27 INCH	2
40	4-1401-2	DECAL / DIESEL FUEL	1
41	4-1401-3	DECAL / HYDRAULIC OIL LEVEL	1
42	4-1401-6	DECAL / TRANSMISSION CONTROL	1
43	4-1401-4	DECAL / 4-WAY CONTROLLER	1
44	4-1105-10	DECAL / BPI FLAG / 12 INCH	1
45	4-1105-11	DECAL / A	1
46	4-1105-12	DECAL / B	1
47	4-1105-13	DECAL / C	1
48	4-1105-14	DECAL / D	1
49	4-1105-15	DECAL / E	1
50	4-1105-16	DECAL / MADE IN USA	4
51	4-1386-13	DECAL / LOAD CHART / SS-1048	1
52	3-1257-1	DECAL / HYDRAULIC OIL ONLY	1
53	4-1105-19	DECAL / REAR AXLE STABILIZERS	1

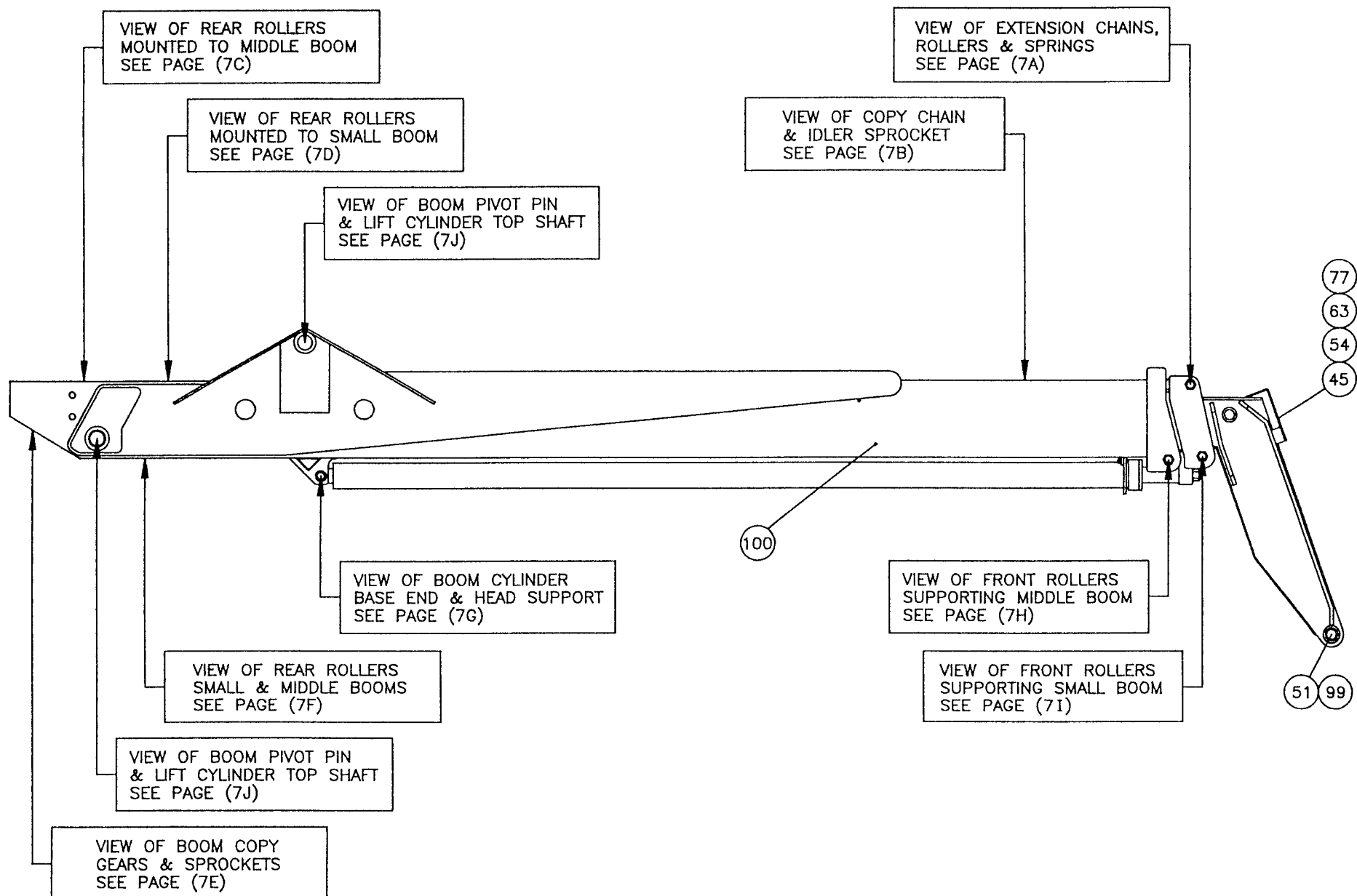


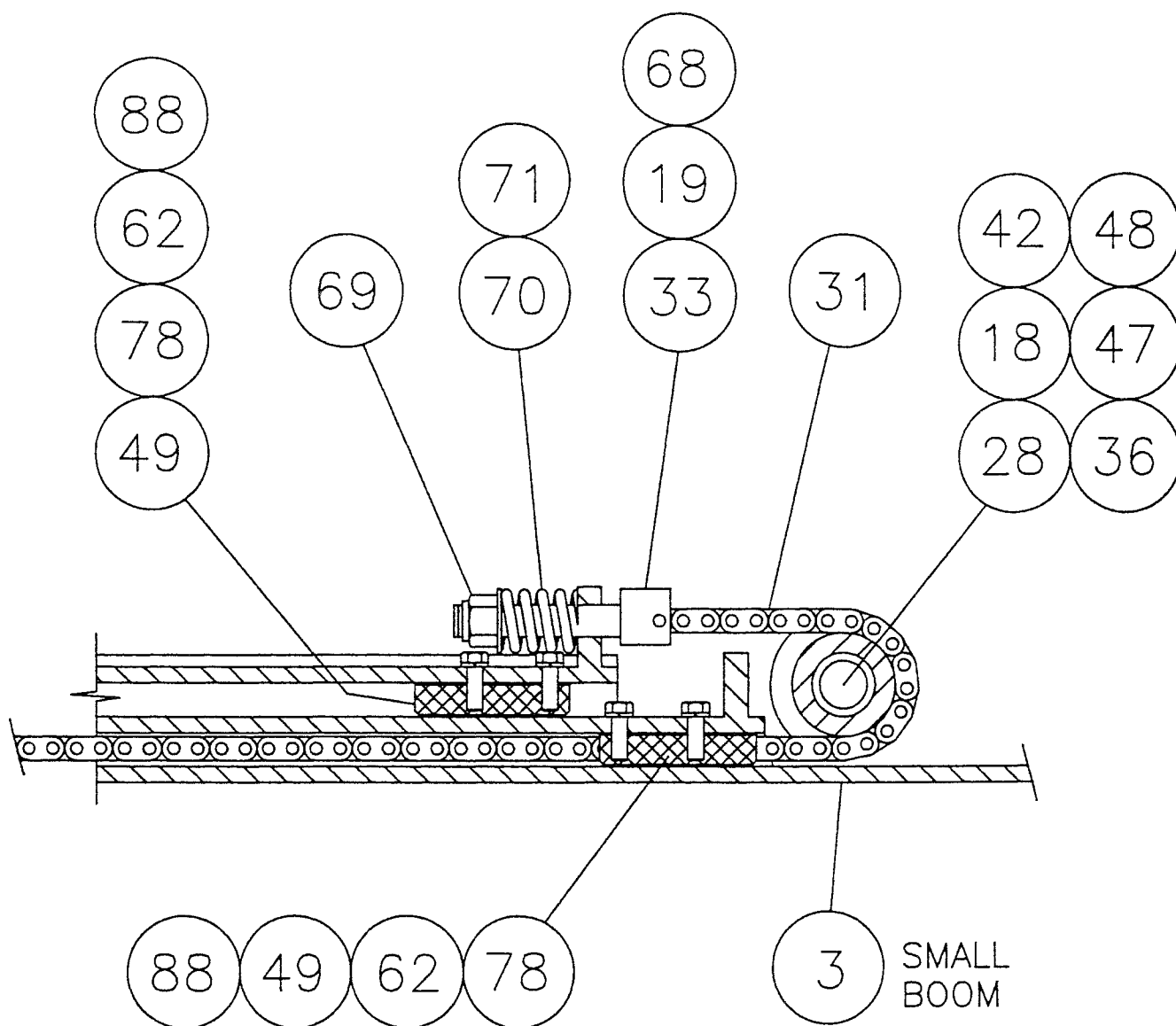
ITEM	NUMBER	DESCRIPTION	REQD
1	P4-1486	ENGINE and PUMP ASSEMBLY	REF
2	7-126-322	TRANSMISSION ASSEMBLY	1
3	7-229-222	AXLE ASSEMBLY	2
4	3-1237	MOUNT / TRANSMISSION	2
5	7-196-29	DRIVESHAFT / FRONT	1
6	7-196-27	DRIVESHAFT / REAR	1
7	3-1133	MOUNT / REAR LOCK-UP CYL. / RH	1
8	3-1134	MOUNT / REAR LOCK-UP CYL. / LH	1
9	4-1449-4	PIN / REAR AXLE PIVOT	1
10	4-1449-5	PIN / FRONT AXLE PIVOT	1
11	6-5312-28	CAPSCREW 3/4 NF x 3 1/2 LG.	8
12	7-326-01	RUBBER MOUNT / ENGINE	4
13	6-7002-42	GREASE HOSE / 04 x 04 x 21 LG.	2
14	6-5212-16	CAPSCREW 3/4 NC x 2 LG.	8
15	6-5310-32	CAPSCREW 5/8 NF x 4 LG.	4
16	6-6211-10	LOCKWASHER 5/8	4
17	6-6202-10	HEX NUT 5/8 NF	4
18	6-5312-22	CAPSCREW 3/4 NF x 2 3/4 LG.	8
19	6-6211-12	LOCKWASHER 3/4	16
20	6-6202-12	HEX NUT 3/4 NF	16
21	6-5208-44	CAPSCREW 1/2 NC x 5 1/2 LG.	2
22	6-6211-08	LOCKWASHER 1/2	2
23	6-6201-08	HEX NUT 1/2 NC	2
24	6-5206-12	CAPSCREW 3/8 NC x 1 1/2 LG.	11
25	6-5306-14	CAPSCREW 3/8 NF x 1 3/4 LG.	8
26	6-6211-06	LOCKWASHER 3/8	35
27	6-6216-12	STARWASHER 3/4	8
28	6-6427-03	FITTING / 02 NPT x 04 JIC 90	2
29	6-6474-01	FITTING / 02 NPT x 04 JIC M-BH	2
30	6-6301	LUBE FITTING 1/8 NPT STR	2
31	6-6302	LUBE FITTING 1/8 NPT 90	4
32	6-5306-16	CAPSCREW 3/8 NF x 2 LG.	16
33	6-6212-10	FLATWASHER 5/8	4



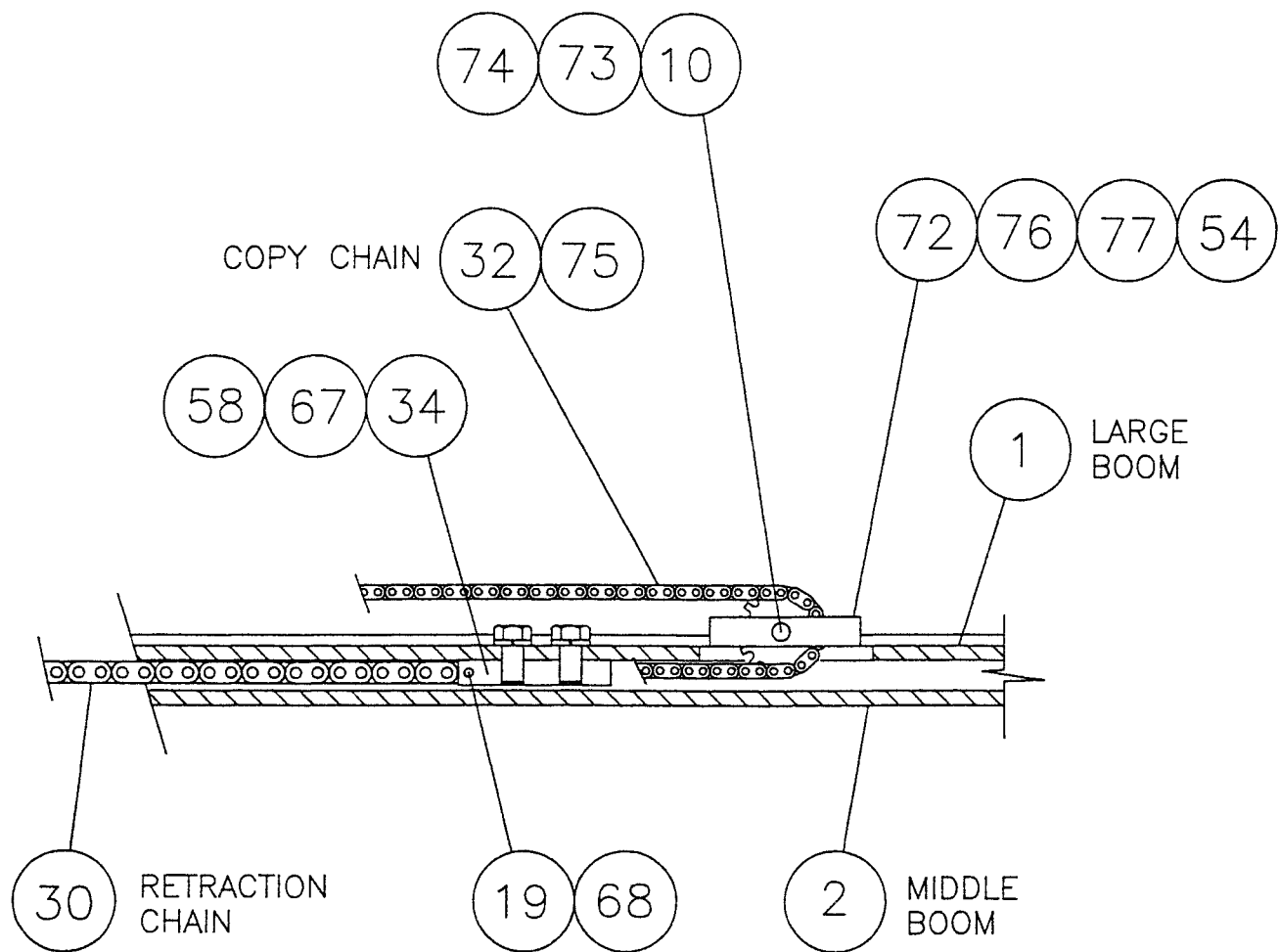
ITEM	NUMBER	DESCRIPTION	REQD
1	7-183-47	ENGINE ASSEMBLY / JD-4039T	1
2	P4-1487	DRIVESHAFT ASSEMBLY / PUMP	REF
3	2-1126	CROSS PLATE / ENGINE MOUNT	1
4	7-321-70	PUMP ASSEMBLY	REF
5	7-311-02	RADIATOR	REF
6	7-183-51	RADIATOR HOSE / UPPER	1
7	7-183-50	RADIATOR HOSE / LOWER	1
8	2-1128	MOUNTING STRAP / RADIATOR	1
9	1-2017	VIBRATION PAD / RADIATOR	4
10	6-6252-09	CLAMP / RADIATOR HOSE	3
11	6-6252-12	CLAMP / RADIATOR HOSE	2
12	6-6226-12	DOWEL PIN / ENGINE	2
13	6-5208-14	CAPSCREW 1/2 NC x 2 LG.	4
14	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	2
15	6-5206-22	CAPSCREW 3/8 NC x 2 3/4 LG.	2
16	6-6211-06	LOCKWASHER 3/8	6
17	6-6201-08	HEX NUT 1/2 NC	8
18	6-6201-06	HEX NUT 3/8 NC	2
19	6-6205-06	SELF LOCKING NUT 3/8 NC	2
20	6-5208-14	CAPSCREW 1/2 NC x 1 3/4 LG.	4
21	6-5210-18	CAPSCREW 5/8 NC x 2 1/4 LG.	4
22	6-6211-10	LOCKWASHER 5/8	8
23	6-6212-08	FLATWASHER 1/2	4
24	6-6211-08	LOCKWASHER 1/2	8
25	4-1445	ENGINE MOUNT / LH	1
26	4-1446	ENGINE MOUNT / RH	1
27	6-5310-14	CAPSCREW 5/8 NF x 1 3/4 LG.	4
28	6-6202-10	HEX NUT 5/8 NF	4
29	3-1239-1	MOUNT / PUMP	1
30	7-183-53	FAN GUARD	REF
31	6-6212-05	FLATWASHER 5/16	4
32	6-5205-10	CAPSCREW 5/16 NC x 1 1/4 LG.	4
33	3-1256	FAN SHROUD / MODIFIED	1
34	6-5206-16	CAPSCREW 3/8 NC x 2 LG.	4

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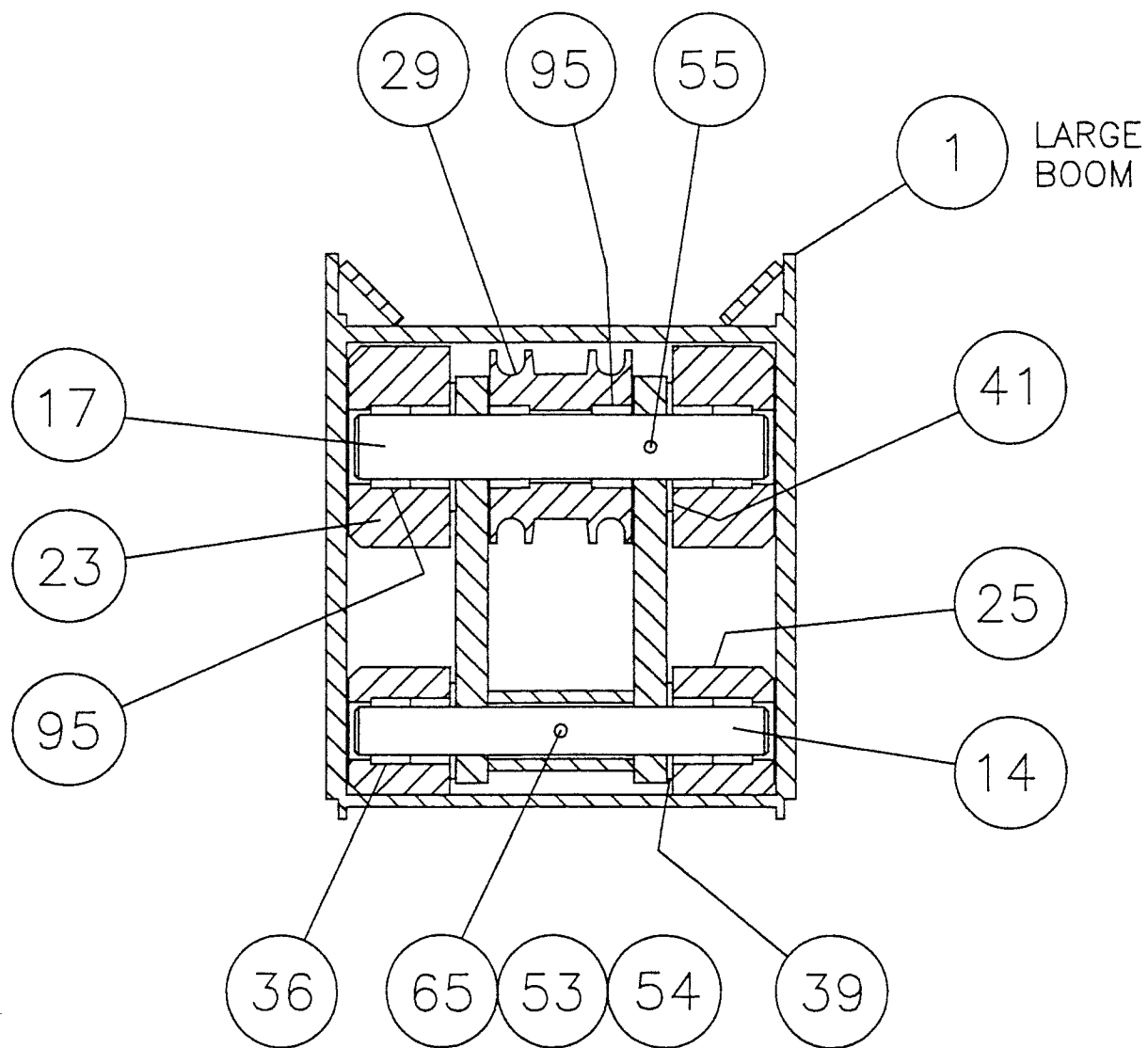




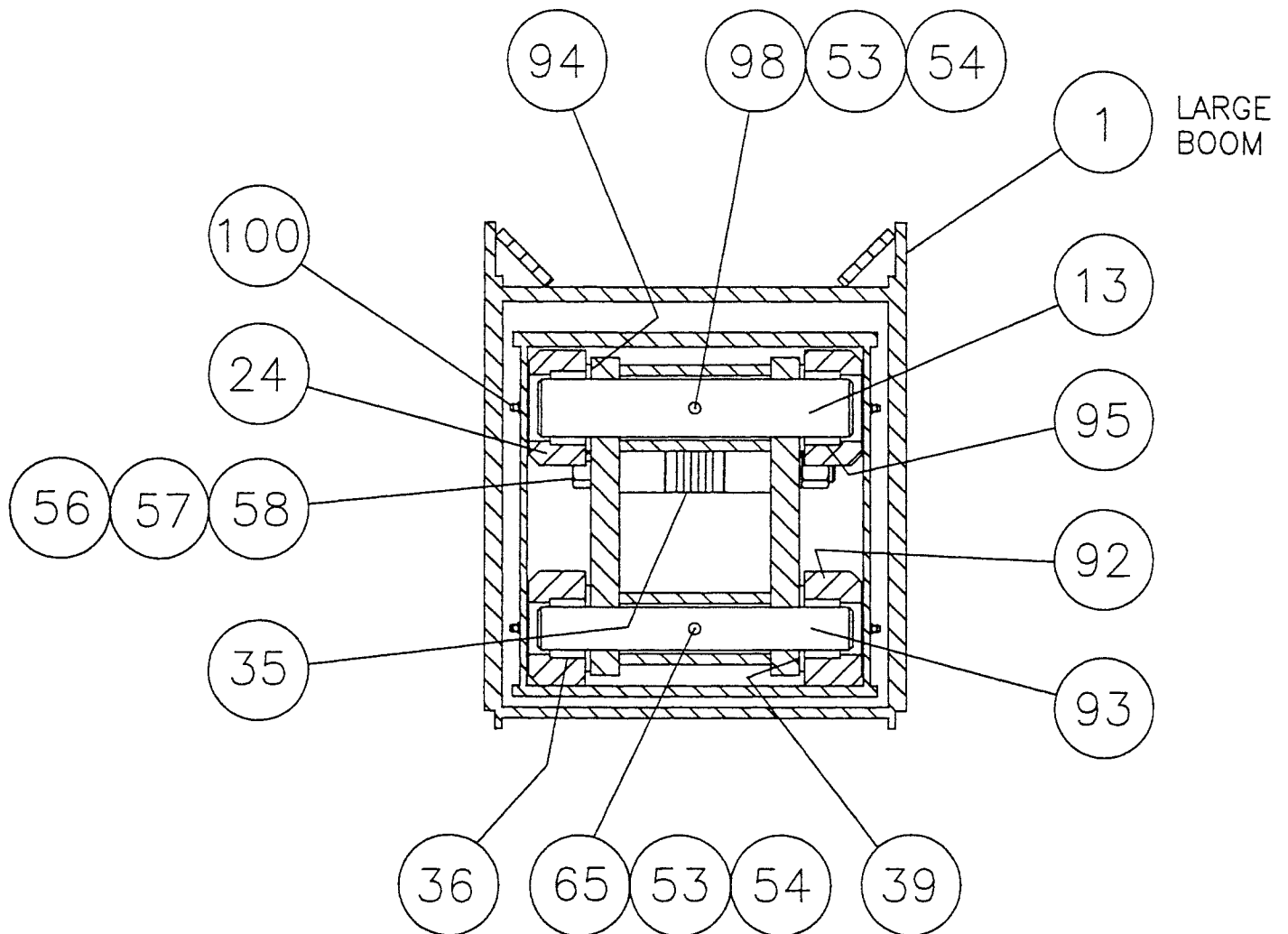
VIEW OF EXTENSION
CHAINS, ROLLERS & SPRINGS



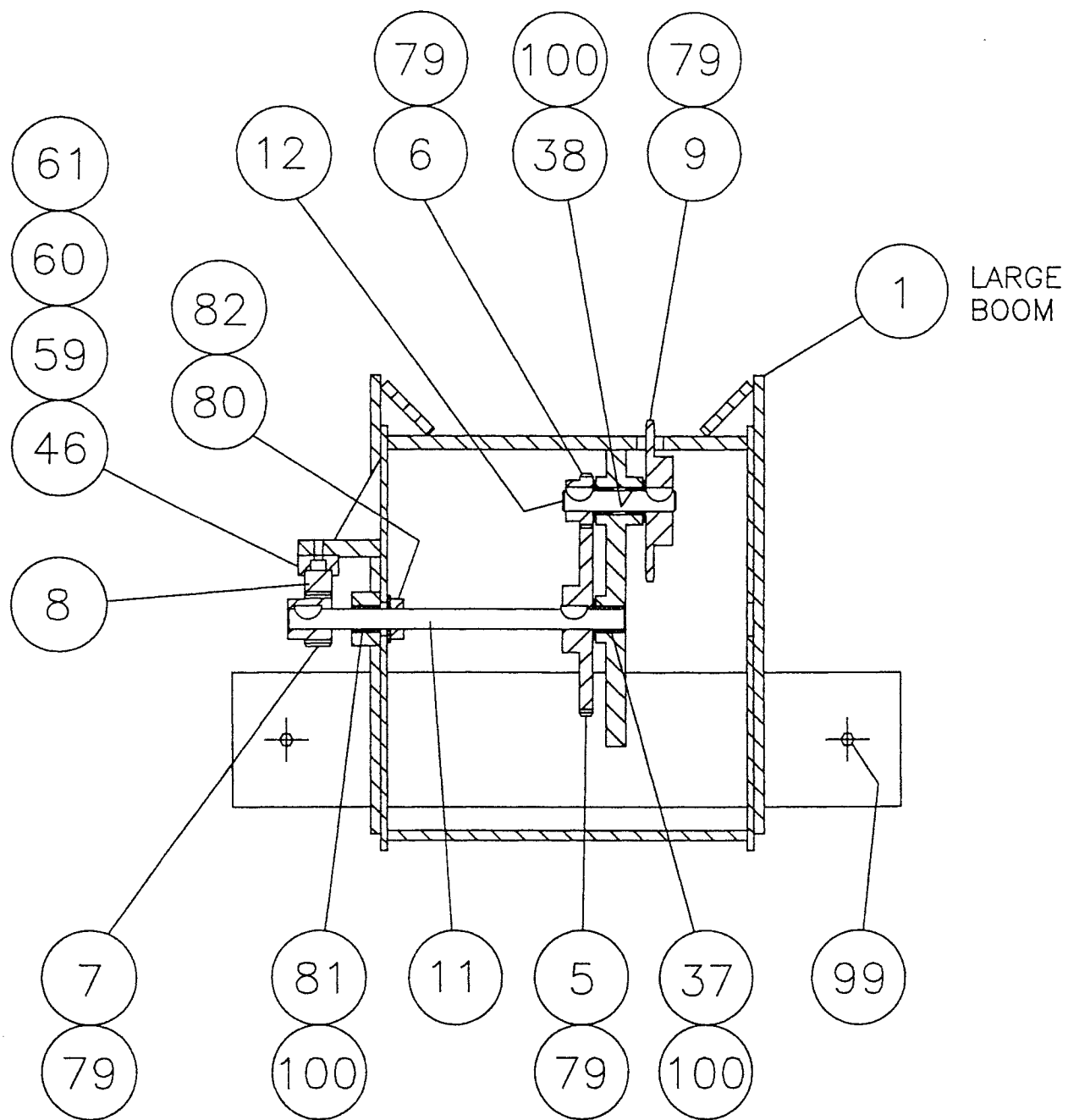
VIEW OF COPY CHAIN &
IDLER SPROCKET



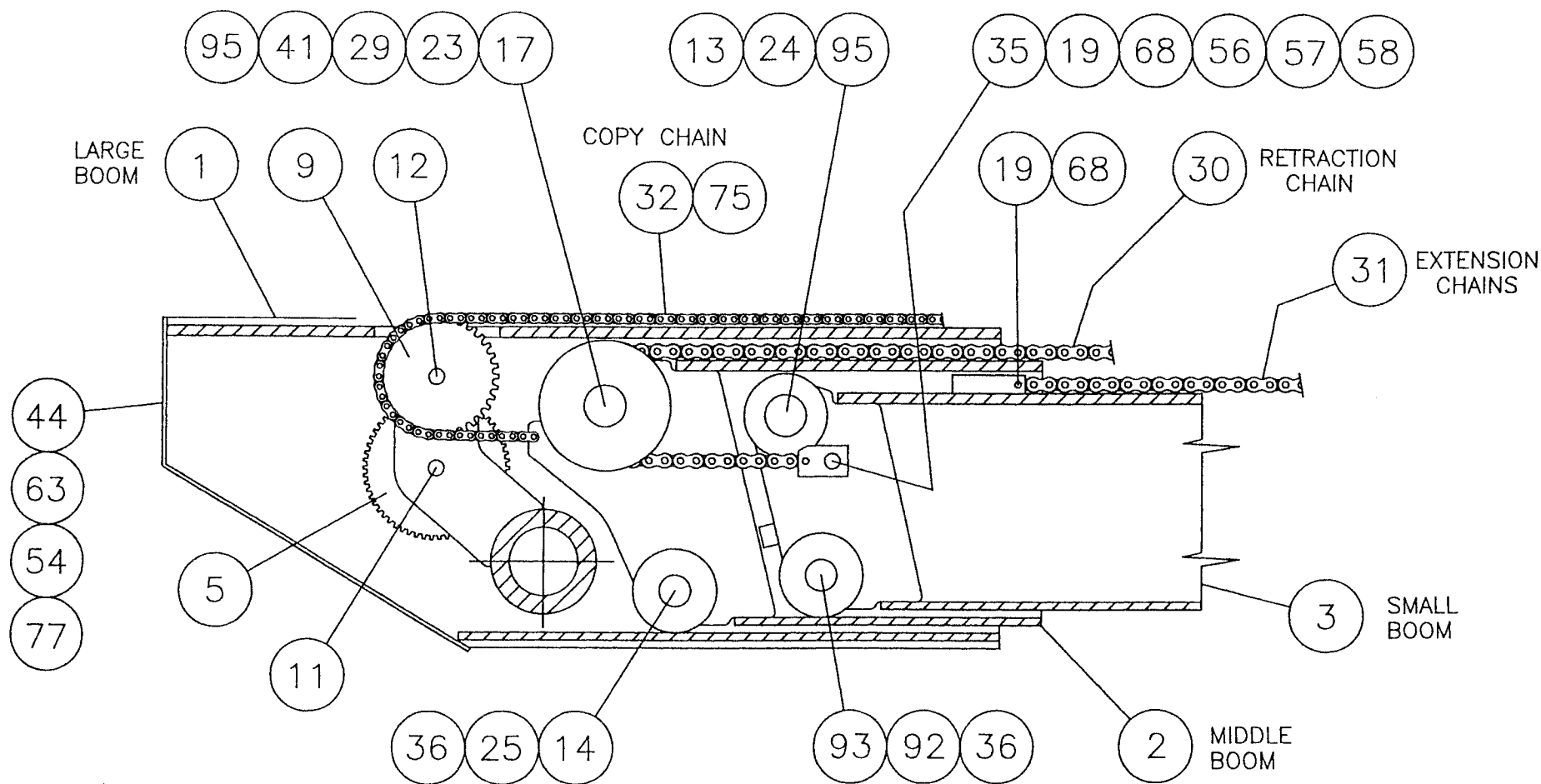
VIEW OF REAR ROLLERS
MOUNTED TO MIDDLE BOOM



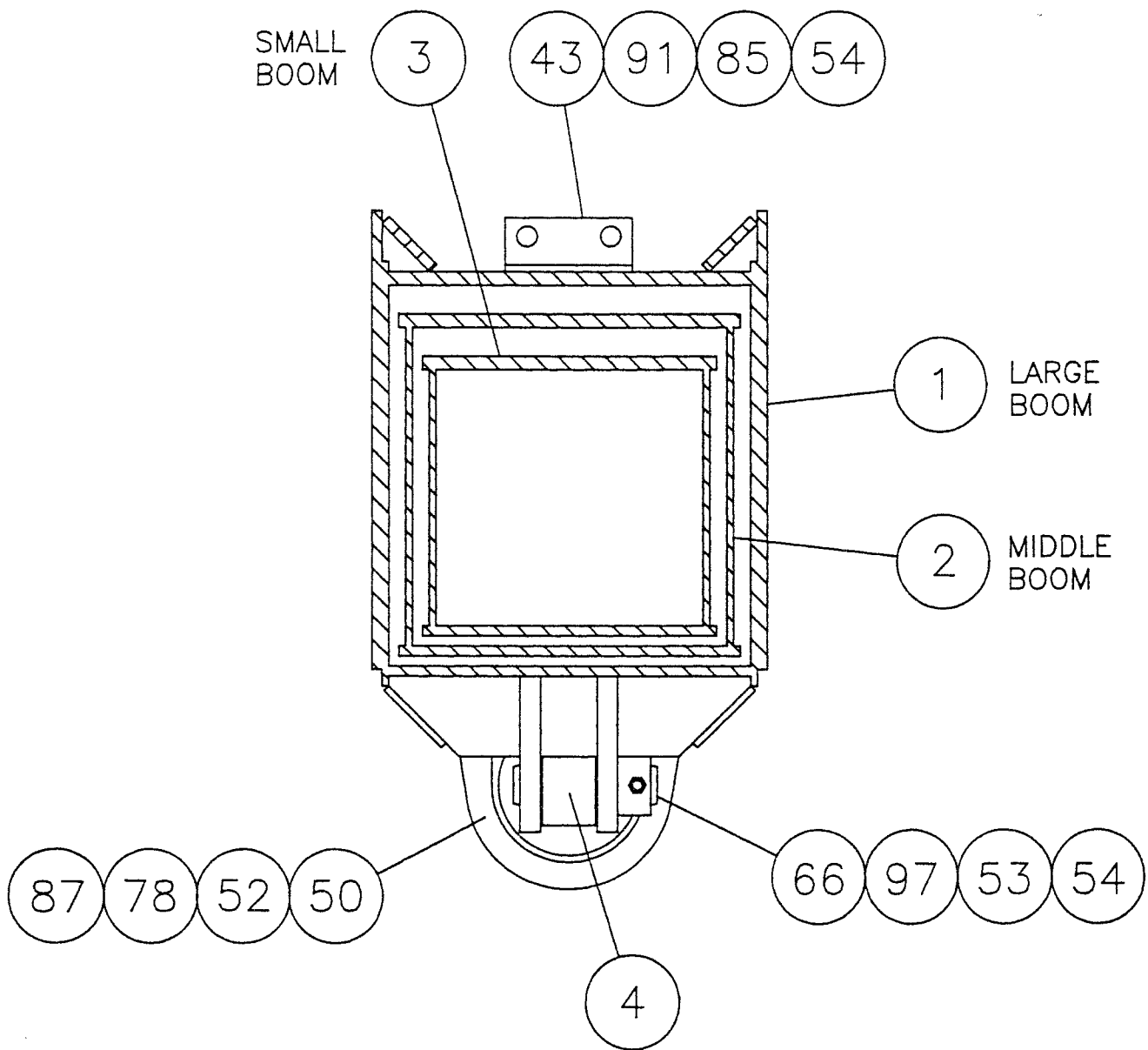
VIEW OF REAR ROLLERS
MOUNTED TO SMALL BOOM



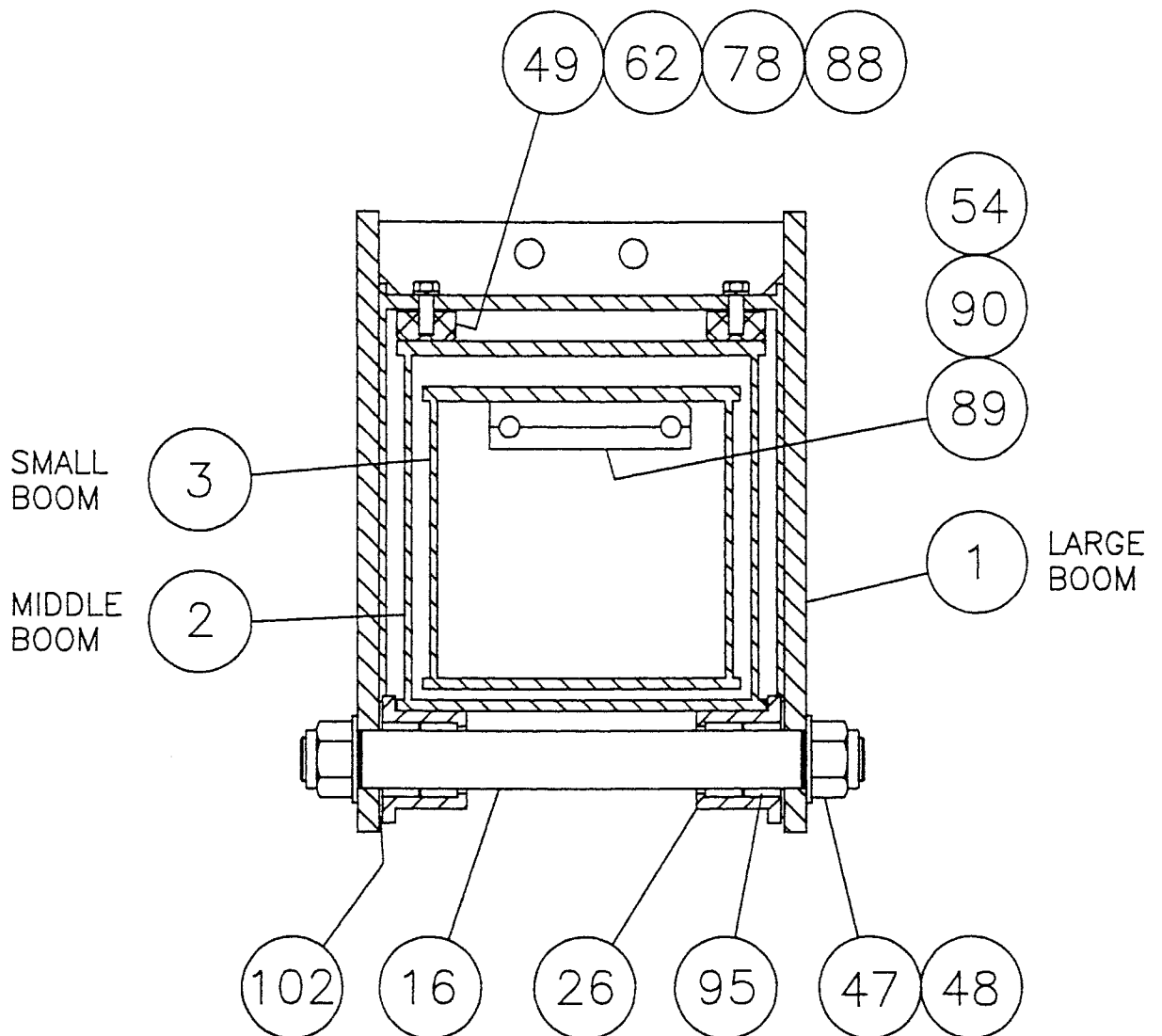
VIEW OF BOOM COPY
GEARS & SPROCKETS



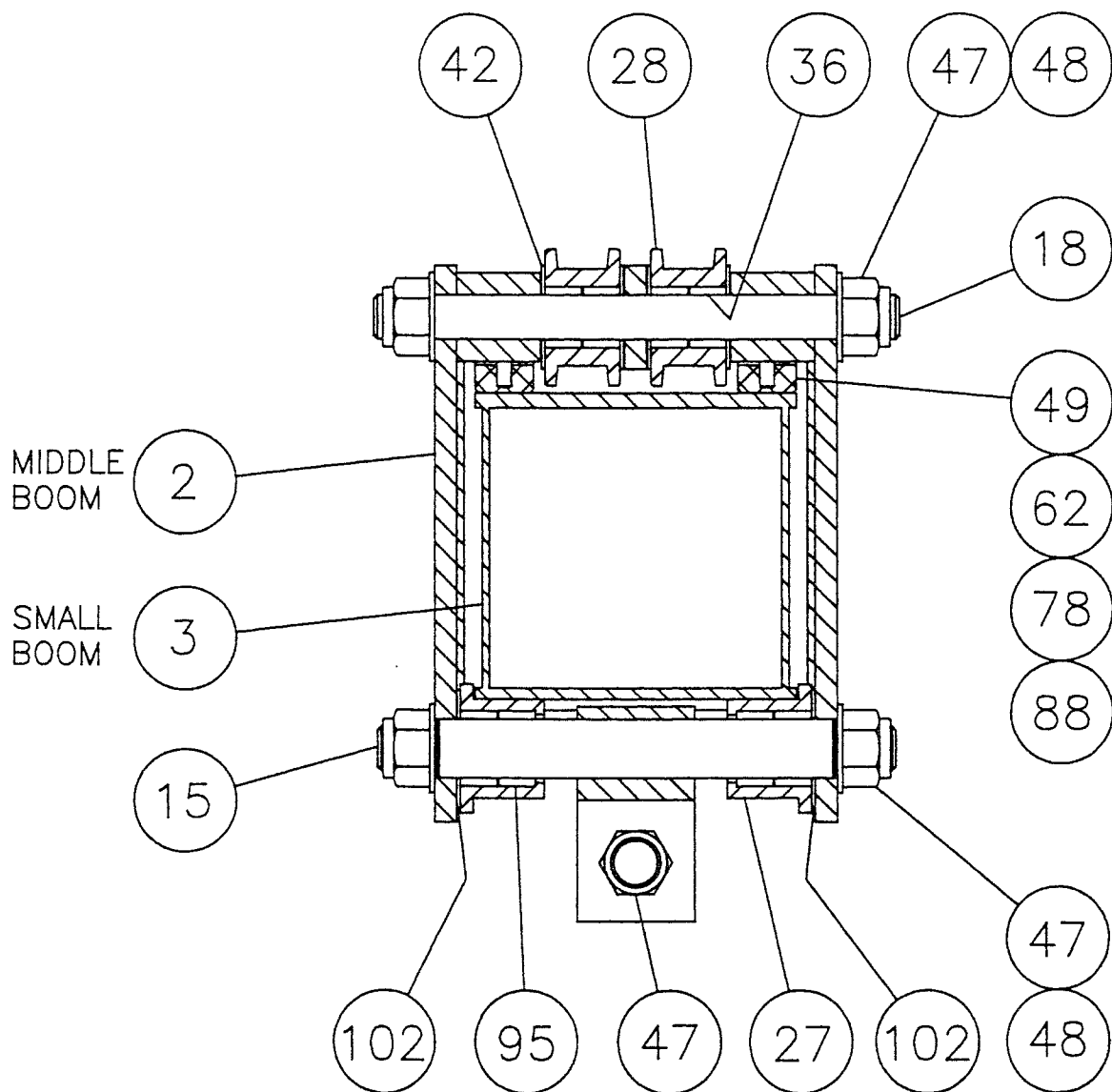
VIEW OF REAR ROLLERS
SMALL & MIDDLE BOOMS



VIEW OF BOOM CYLINDER
BASE END & HEAD SUPPORT



VIEW OF FRONT ROLLERS
SUPPORTING MIDDLE BOOM

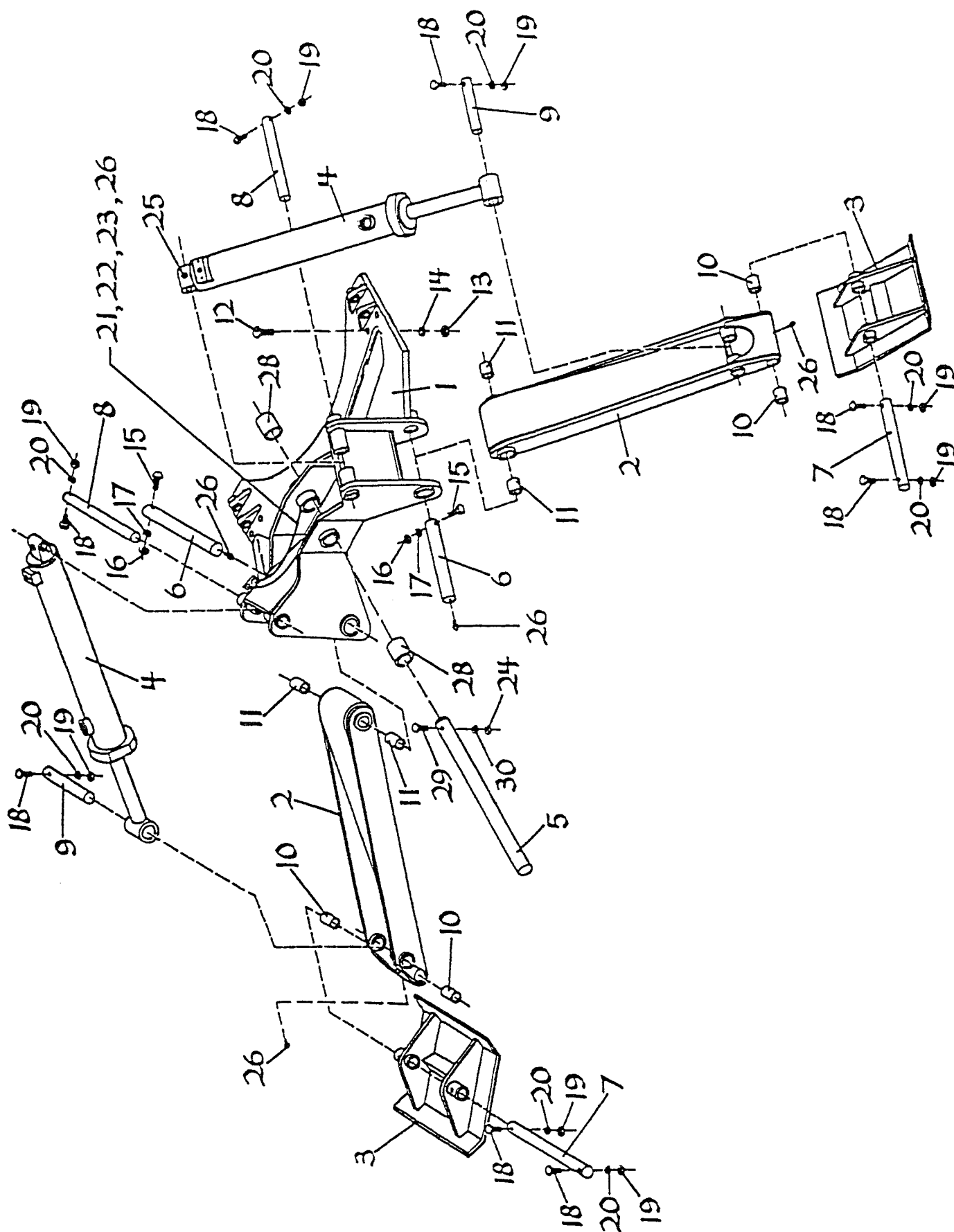


VIEW OF FRONT ROLLERS
SUPPORTING SMALL BOOM

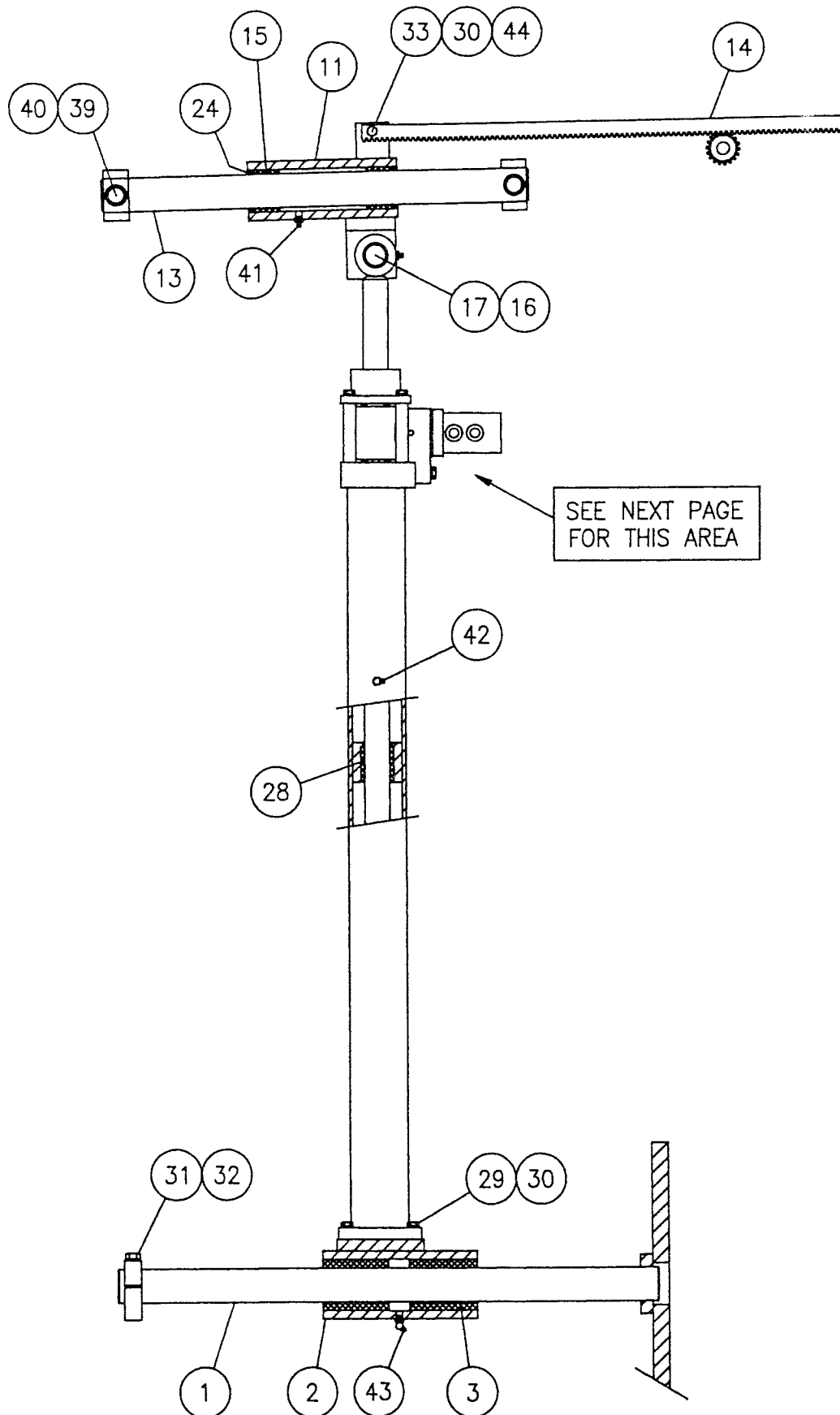


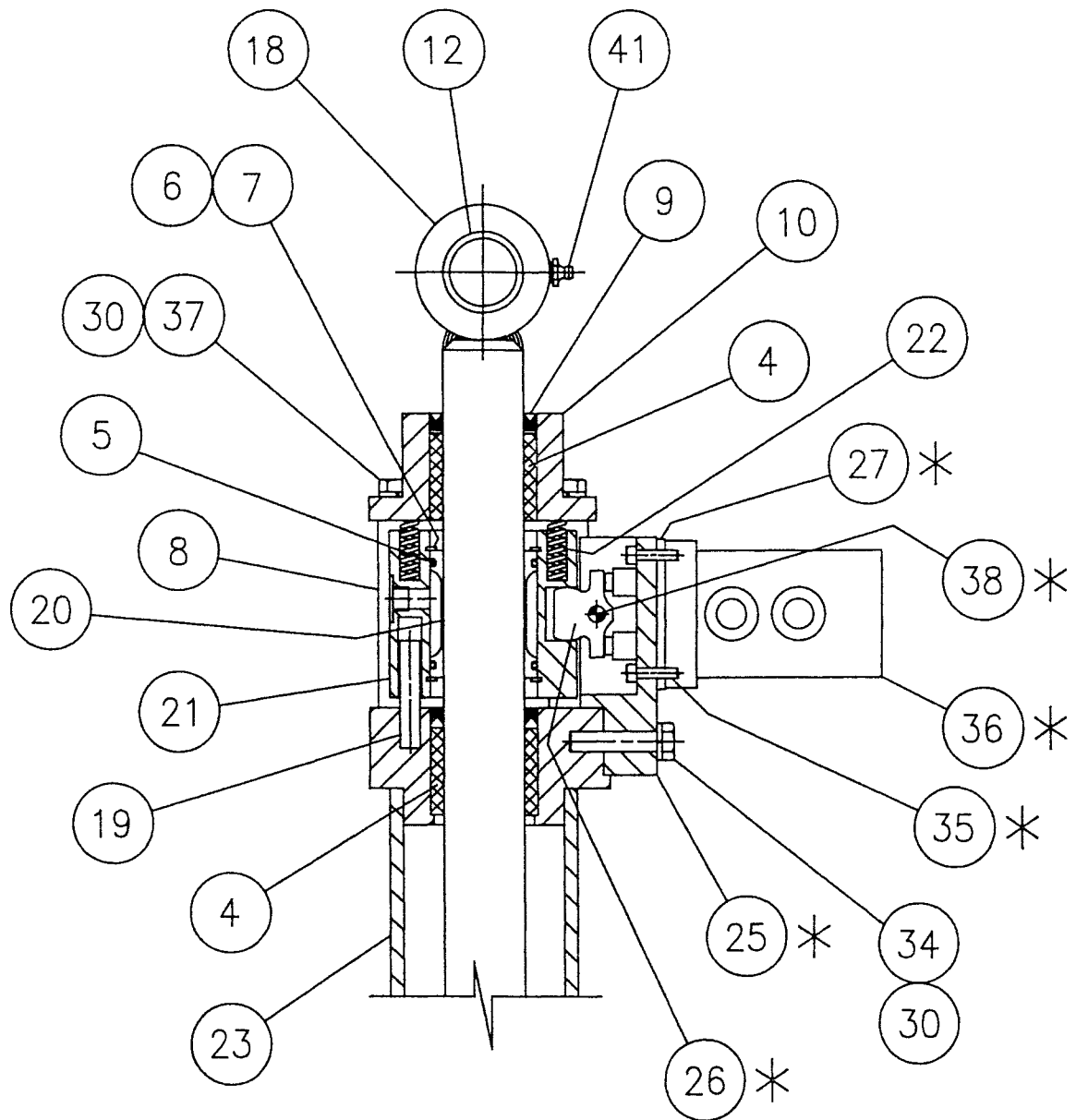
ITEM	NUMBER	DESCRIPTION	REQD
1	4-1438	LARGE BOOM	1
2	4-1439	MIDDLE BOOM	1
3	4-1440	SMALL BOOM	1
4	7-316-17	BOOM CYLINDER	REF
5	4-1239-1	GEAR / 112 TEETH	1
6	4-1239-2	GEAR / 28 TEETH	1
7	4-1239-3	GEAR / 18 TEETH	1
8	3-1243-1	RACK	1
9	4-1239-4	SPROCKET / 35 TEETH	1
10	7-115-01	SPROCKET / IDLER	1
11	3-1186-1	PIN / RACK DRIVE	1
12	3-1186-2	PIN / COPY SPROCKET	1
13	4-1449-1	PIN / S-BOOM / REAR-TOP	1
14	4-1073-2	PIN / M-BOOM / REAR-BOT	1
15	4-1449-6	PIN / M-BOOM / FRONT-BOT	1
16	4-1073-6	PIN / L-BOOM / FRONT-BOT	1
17	4-1073-3	PIN / M-BOOM / REAR-TOP	1
18	4-1073-4	PIN / FRONT CHAIN SHEAVE	1
19	2-1052-3	PIN / LEAF CHAIN	6
20	3-1154-2	CROSS SHAFT / MAIN PIVOT	1
21	3-1092-1	CROSS SHAFT / HEAD LIFT CYLINDER	REF
22	6-2524-10	COLLAR	REF
23	4-1074-1	ROLLER / M-BOOM / REAR-TOP	2
24	4-1475-1	ROLLER / S-BOOM / REAR-TOP	2
25	4-1074-2	ROLLER / M-BOOM / REAR-BOT	2
26	4-1475-2	ROLLER / M-BOOM / FRONT-BOT	2
27	4-1475-2	ROLLER / L-BOOM / FRONT-BOT	2
28	4-1246-4	SHEAVE / CHAIN / FRONT	2
29	4-1074-8	SHEAVE / HOSE	1
30	1-1013-2	LEAF CHAIN / RETRACTION	1
31	1-1013-2	LEAF CHAIN / EXTENSION	2
32	1-2030-2	COPY CHAIN	1
33	4-1237-1	CHAIN ANCHOR / ADJUSTABLE	2
34	4-1237-2	CHAIN ANCHOR / BOLT-ON	1
35	4-1237-4	CHAIN ANCHOR / PINNED	1
36	7-193-05	NEEDLE BEARING / 1.500 ID	10
37	7-305-04	BEARING / BRONZE FLANGE	1
38	7-305-05	BEARING / BRONZE FLANGE	2
39	6-6600-02	THRUST WASHER 3.00 x 1.50 x .188	4
40	6-6600-14	THRUST WASHER 5.00 x 3.00 x .250	2
41	6-6600-05	THRUST WASHER 4.00 x 2.00 x .188	2
42	6-6600-12	THRUST WASHER 3.50 x 1.50 x .125	4
43	3-1244-1	MANIFOLD BLOCK	1
44	3-1245	COVER / REAR ACCESS	1
45	3-1246	GUARD / TILT VALVE	1
46	3-1189-1	GUIDE / RACK	1
47	6-6206-24	SELF-LOCKING NUT 1 1/2 NF	8
48	6-6215-24	FLATWASHER 1 1/2	6
49	2-1111	WEAR PAD / BOOM	4
50	3-1236	SUPPORT ASSEMBLY / BOOM CYLINDER	REF
51	6-4516-24	BRONZE BUSHING / SMALL BOOM	2
52	6-5208-14	CAPSCREW 1/2 NC x 1 3/4 LG.	2
53	6-6201-06	HEX NUT 3/8 NC	3
54	6-6211-06	LOCKWASHER 3/8	17

ITEM	NUMBER	DESCRIPTION	REQD
55	6-6275-04	SETSCREW 3/8 NC x 3/4 LG.	2
56	6-5312-68	CAPSCREW 3/4 NF x 8 1/2 LG.	1
57	6-6202-12	HEX NUT 3/4 NF	2
58	6-6211-12	LOCKWASHER 3/4	4
59	6-5605-10	CAPSCREW SH 5/16 NC x 1 1/4 LG.	2
60	6-6201-05	HEX NUT 5/16 NC	2
61	6-6211-05	LOCKWASHER 5/16	2
62	6-5208-10	CAPSCREW 1/2 NC x 1 1/4 LG.	8
63	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	6
64	6-5208-44	CAPSCREW 1/2 NC x 5 1/2 LG.	REF
65	6-5206-24	CAPSCREW 3/8 NC x 3 LG.	2
66	2-1090	PIN / BASE BOOM CYLINDER	REF
67	6-5312-12	CAPSCREW 3/4 NF x 1 1/2 LG.	2
68	6-6243-06	COTTER PIN 3/32 x 3/4 LG.	12
69	7-142-01	SELF-LOCKING NUT 1-12 THD.	2
70	7-194-01	SPRING / COMPRESSION	2
71	6-6215-16	FLATWASHER 1.0	2
72	3-1187-1	MOUNT / IDLER SPROCKET	1
73	6-5310-30	CAPSCREW 5/8 NF x 3 3/4 LG.	1
74	6-6202-10	HEX NUT 5/8 NF	1
75	7-261-05	CONNECTING LINK / WITH CLIP / #40	1
76	6-5206-12	CAPSCREW 3/8 NC x 1 1/2 LG.	4
77	6-6212-06	FLATWASHER 3/8	10
78	6-6211-08	LOCKWASHER 1/2	10
79	7-194-43	KEY / WOODRUFF 3/16 x 1	4
80	7-305-08	THRUST WASHER	1
81	7-305-07	BEARING / BRONZE	1
82	7-194-44	COLLAR	1
83	6-5312-48	CAPSCREW 3/4 NF x 6 LG.	1
84	6-4524-32	BRONZE BUSHING / LARGE BOOM	2
85	6-5206-20	CAPSCREW 3/8 NC x 2 1/2 LG.	2
86	6-6701-06	WASHER	1
87	6-6201-08	HEX NUT 1/2 NC	2
88	1-1101	SHIM (AS REQ.)	REF
89	2-1109	CLAMP / 1/2 HOSE	1
90	6-5206-18	CAPSCREW 3/8 NC x 2 1/4 LG.	2
91	3-1244-2	SPACER / MANIFOLD BLOCK	1
92	4-1074-3	ROLLER / S-BOOM / REAR-BOT	2
93	4-1073-1	PIN / S-BOOM / REAR-BOT	1
94	6-6600-03	THRUST WASHER 3.00 x 2.00 x .188	2
95	7-193-07	NEEDLE BEARING / 2.000 ID	16
96	6-6275-05	SETSCREW 5/8 NC x 1 LG.	1
97	6-5206-22	CAPSCREW 3/8 NC x 2 3/4 LG.	REF
98	6-5206-28	CAPSCREW 3/8 NC x 3 1/2 LG.	1
99	6-6301	LUBE FITTING 1/8 NPT STR	4
100	6-6306	LUBE FITTING 1/4-28 STR	11
101	6-6275-07	SETSCREW 5/8 NC x 5/8 LG.	1
102	6-6600-06	THRUST WASHER 4.00 x 2.00 x .125	4



ITEM	NUMBER	DESCRIPTION	REQD
1	4-1442	STABILIZER FRAME	1
2	4-1166	STABILIZER ARM	2
3	3-1143	STABILIZER PAD	2
4	7-316-12	STABILIZER CYLINDER (2)	REF
5	4-1449-5	PIN / FRONT AXLE PIVOT (2)	REF
6	2-1093	PIN / ARM to STABILIZER FRAME	2
7	6-3612-02	PIN / ARM to PAD	2
8	6-3312-102	PIN / BASE STABILIZER CYLINDER	2
9	6-3012-02	PIN / HEAD STABILIZER CYLINDER	2
10	7-296-01	TENSION BUSHING 1.50 ID	4
11	7-296-02	TENSION BUSHING 2.00 ID	4
12	6-5312-28	CAPSCREW 3/4 NF x 3 1/2 LG. (8)	REF
13	6-6202-12	HEX NUT 3/4 NF (8)	REF
14	6-6211-12	LOCKWASHER 3/4 (8)	REF
15	6-5208-30	CAPSCREW 1/2 NC x 3 3/4 LG.	2
16	6-6201-08	HEX NUT 1/2 NC	2
17	6-6211-08	LOCKWASHER 1/2	2
18	6-5206-24	CAPSCREW 3/8 NC x 3 LG.	8
19	6-6201-06	HEX NUT 3/8 NC	8
20	6-6211-06	LOCKWASHER 3/8	8
21	6-7002-22	HOSE / 04 x 04 x 11 LG.	1
22	6-7022-34	HOSE / 04 x 04-90 x 17 LG.	1
23	6-6474-01	FITTING / 02 NPT x 04 JIC M-BH	2
24	6-6201-08	HEX NUT 1/2 NC (1)	REF
25	6-6303	LUBE FITTING 1/8 NPT x 45	2
26	6-6301	LUBE FITTING 1/8 NPT STR.	6
27	6-6425-03	FITTING / 02 NPT x 04 JIC STR	2
28	1-1114	BRONZE BUSHING	2
29	6-5208-44	CAPSCREW 1/2 NC x 5 1/2 LG. (1)	REF
30	6-6211-08	LOCKWASHER 1/2 (1)	REF



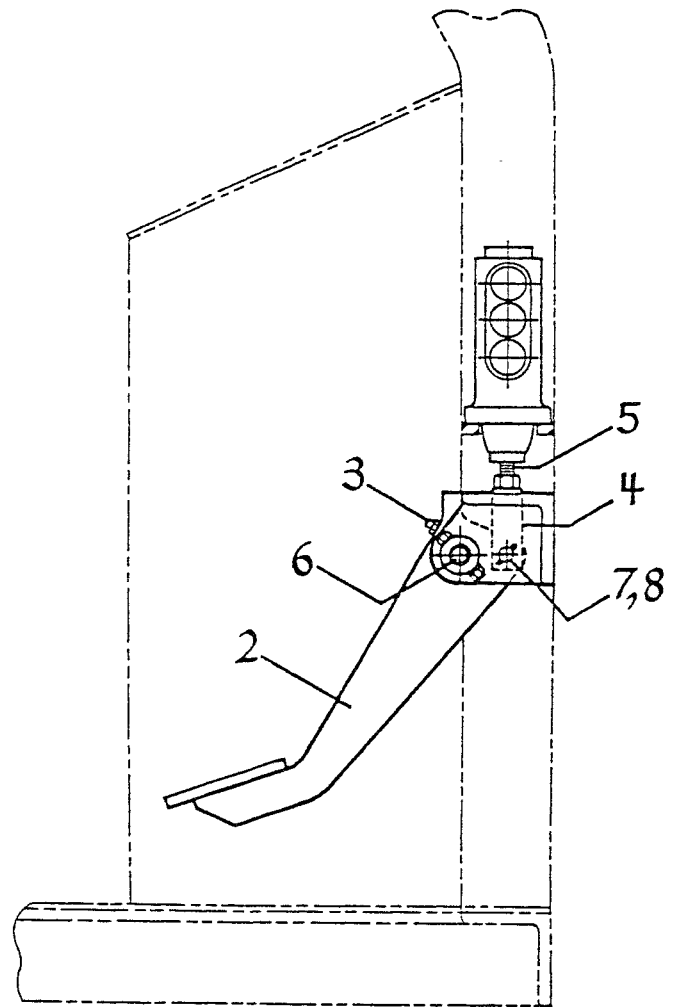
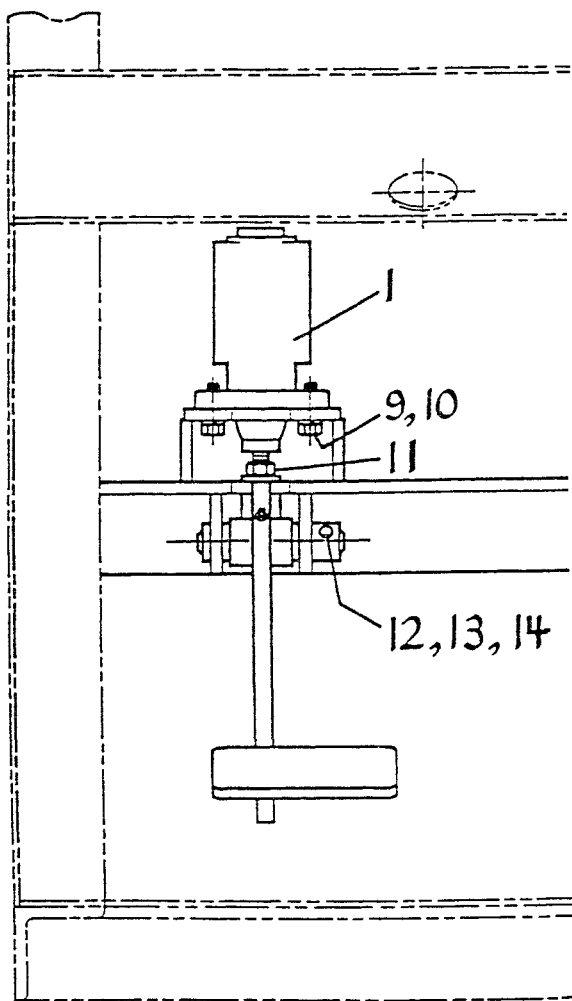


* (45) PRE-SET AUTO-CONTROLLER ASSEMBLY

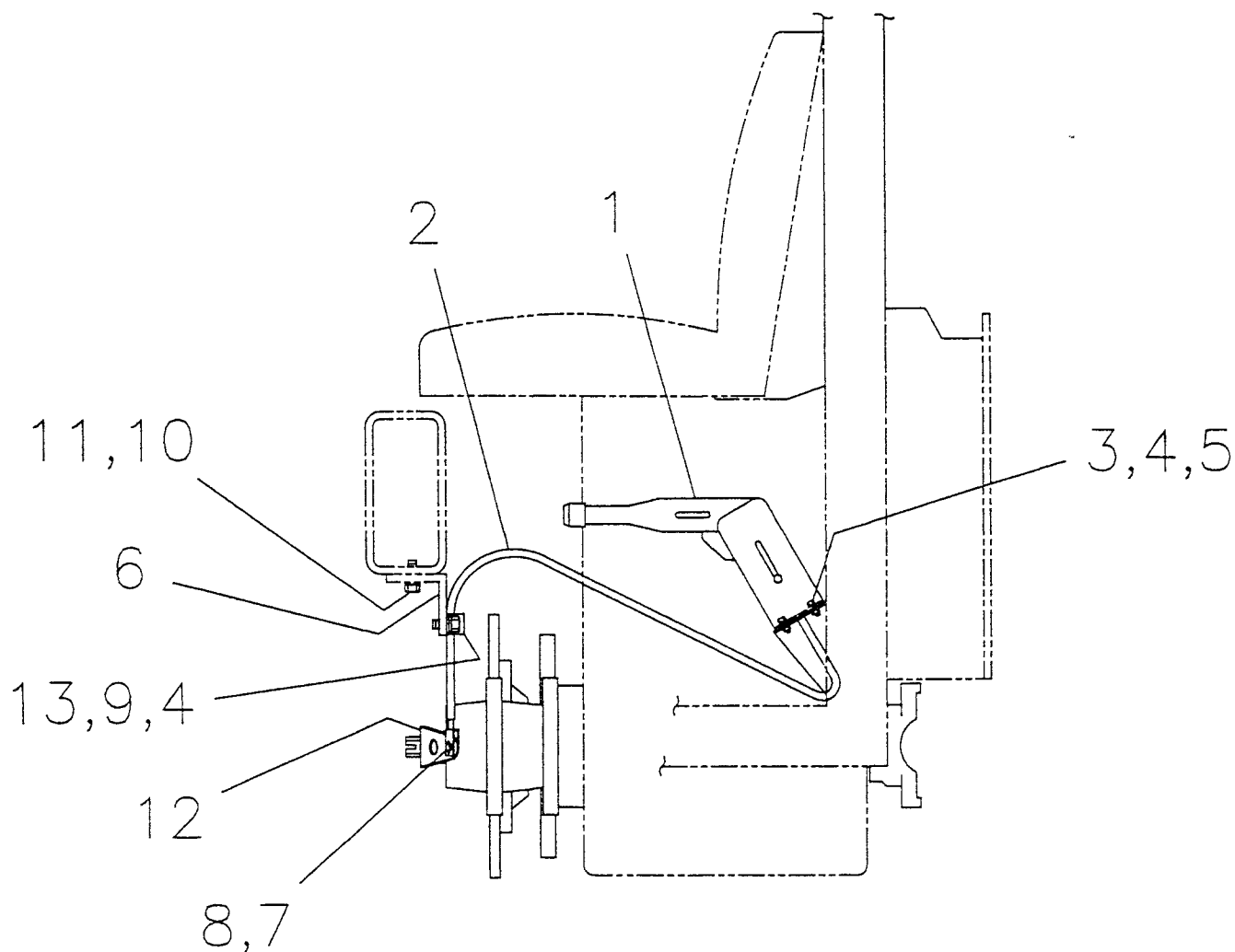
ITEM	NUMBER	DESCRIPTION	REQD
1	4-1449-2	SHAFT / LOWER COPY	1
2	4-1072	LOWER SLIDE	1
3	7-259-01	LINEAR BEARING / LOWER SLIDE	2
4	6-4512-13	BRONZE BUSHING 1.50 ID x 1.62 LG	2
5	7-209-60	O-RING 2 OD x 3/32	2
6	7-239-02	SNAP RING	1
7	7-239-03	SNAP RING	1
8	1-1010	SPACER	4
9	7-209-32	WIPER 1 1/2 ID	2
10	3-1241	CAP WELDMENT	1
11	4-1478	UPPER SLIDE	1
12	1-1035	BRONZE BUSHING	2
13	4-1449-3	UPPER COPY SHAFT	1
14	3-1243-1	RACK	REF
15	7-193-01	BEARING / INNER RACE	2
16	7-194-39	HAIR PIN COTTER	2
17	4-1078-2	PIN / YOKE	1
18	3-1242	LIFT COPY SHAFT	1
19	6-6223-16	DOWEL 3/8 x 2 LG.	2
20	3-1077	BRAKE SLEEVE	1
21	3-1076	BRAKE HOUSING	1
22	7-167-05	SPRING / CENTERING	8
23	4-1479	SUPPORT TUBE	1
24	7-209-33	WIPER 2 ID	2
25	3-1067-1	MOUNT / AUTO CONTROLLER	1
26	3-1067-2	ROCKER ARM	1
27	1-1089	SPACER PLATE / MODIFIED	1
28	6-4512-16	BRONZE BUSHING 1.50 ID x 2.00 LG	1
29	6-5206-12	CAPSCREW 3/8 NC x 1 1/2 LG.	4
30	6-6211-06	LOCKWASHER 3/8	11
31	6-5208-18	CAPSCREW 1/2 NC x 2 1/4 LG.	1
32	6-6211-08	LOCKWASHER 1/2	1
33	6-5206-20	CAPSCREW 3/8 NC x 2 1/2 LG.	1
34	6-5206-14	CAPSCREW 3/8 NC x 1 3/4 LG.	2
35	7-194-10	CAPSCREW / 5 MM x 20 MM LG.	4
36	7-200-82	CONTROLLER / AUTO	REF
37	6-5206-36	CAPSCREW 3/8 NC x 4 1/2 LG.	4
38	6-6222-16	DOWEL 5/16 x 2 LG.	1
39	6-5310-24	CAPSCREW 5/8 NF x 3 LG.	2
40	6-6211-10	LOCKWASHER 5/8	2
41	6-6301	LUBE FITTING 1/8 NPT STR.	2
42	6-6302	LUBE FITTING 1/8 NPT 90	1
43	6-6303	LUBE FITTING 1/8 NPT 45	1
44	6-6201-06	HEX NUT 3/8 NC	1
45	7-900-08	ASSEMBLY (ITEMS 25,26,27,35,36,38)	REF

NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



ITEM	NUMBER	DESCRIPTION	REQD
1	7-198-01	ACTUATOR / BRAKE	REF
2	3-1148	PEDAL / BRAKE	1
3	6-6306	LUBE FITTING 1/4-28 THD.	1
4	1-1008	YOKE / BRAKE	1
5	1-1009	PUSH ROD	1
6	2-1117	PIN / BRAKE PEDAL	1
7	6-6261-12	CLEVIS PIN 1/2 x 1 1/2 LG.	1
8	6-6245-08	COTTER PIN 5/32 x 1 LG.	1
9	6-5206-10	CAPSCREW 3/8 NC x 1 1/4 LG.	2
10	6-6211-06	LOCKWASHER 3/8	2
11	6-6202-08	HEX NUT 1/2 NF	1
12	6-5205-14	CAPSCREW 5/16 NC x 1 3/4 LG.	1
13	6-6211-05	LOCKWASHER 5/16	1
14	6-6201-05	HEX NUT 5/16 NC	1



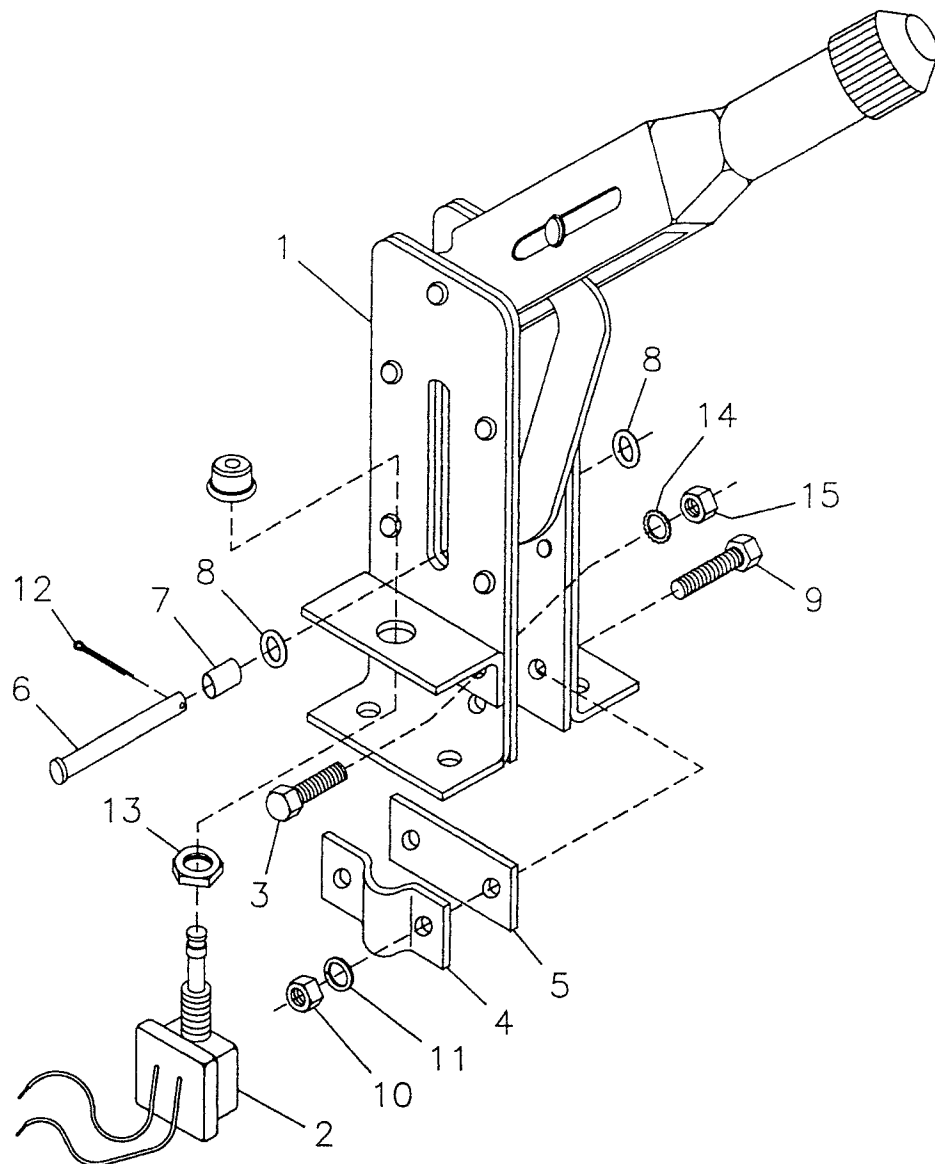
ITEM	NUMBER	DESCRIPTION	REQD
1	7-120-09	HAND BRAKE ASSY	1
2	7-208-01	CABLE / PARKING BRAKE	1
3	6-5205-08	CAPSCREW 5/16 NC x 1 LG.	4
4	6-6211-05	LOCKWASHER 5/16	6
5	6-6201-05	HEX NUT 5/16 NC	4
6	2-1129	MOUNT / DISC BRAKE CABLE	1
7	6-6259-06	CLEVIS PIN 3/8 x 3/4 LG.	1
8	6-6245-08	COTTER PIN 5/32 x 1 LG.	1
9	7-208-02	CLIP / CABLE MOUNTING	1
10	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	2
11	6-6211-06	LOCKWASHER 3/8	2
12	2-1130	BRAKE LEVER (MODIFIED)	1
13	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	2

DRAWING
NUMBER

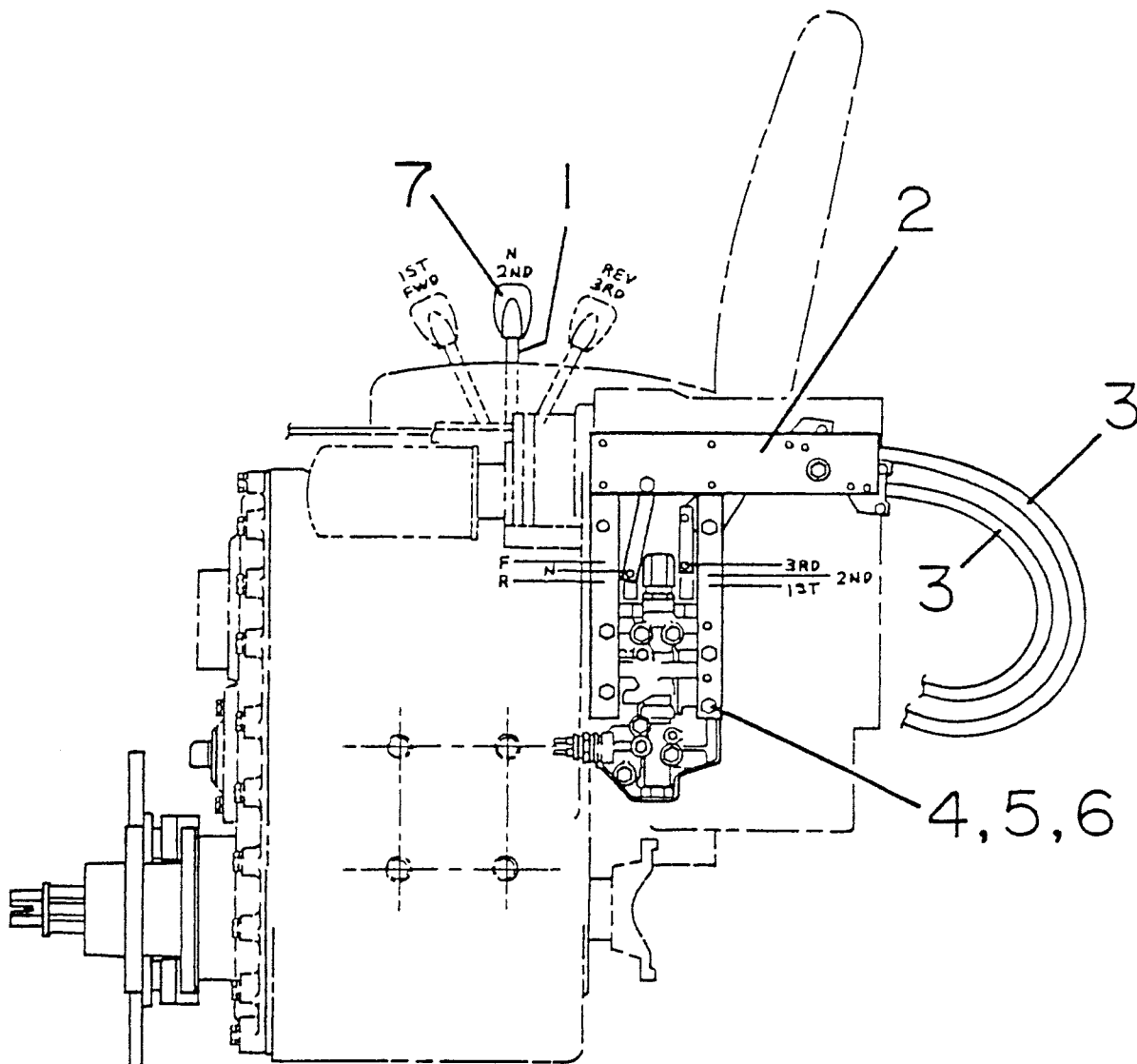
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PARKING BRAKE ASSEMBLY
SS-1048 SQUARE SHOOTER

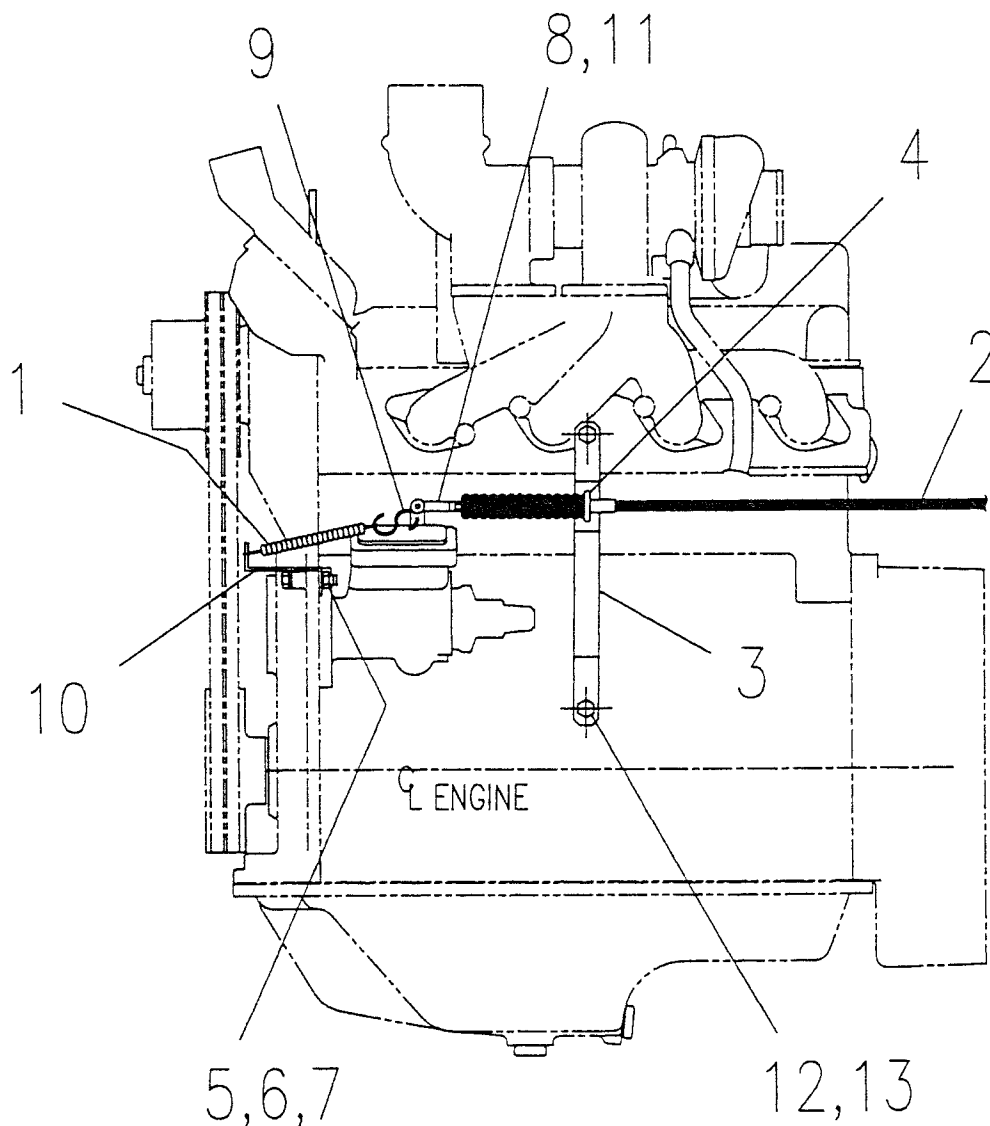
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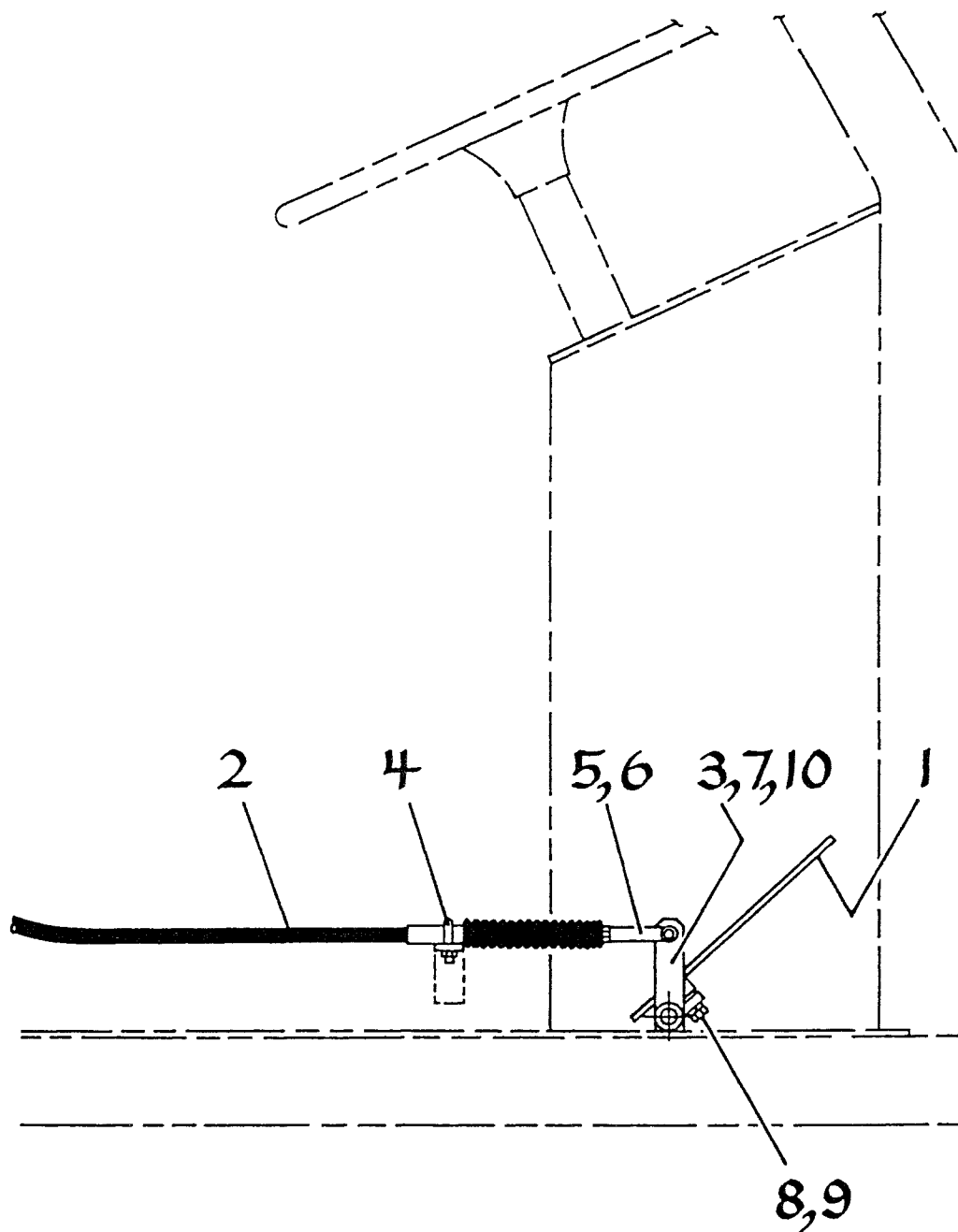
ITEM	NUMBER	DESCRIPTION	REQD
1	7-120-09	HAND BRAKE ASSEMBLY	REF
2	7-120-10	SWITCH KIT	1
3	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	2
4	7-120-04	CLAMP	1
5	7-120-05	CLAMP BASE	1
6	6-6258-18	CLEVIS PIN 5/16 x 2 1/4 LG. SS	1
7	7-120-07	SPACER	1
8	7-120-06	WASHER	2
9	6-5205-08	CAPSCREW 5/16 NC x 1 LG.	2
10	6-6201-05	HEX NUT 5/16 NC	2
11	6-6211-05	LOCKWASHER 5/16	2
12	6-6244-06	COTTER PIN 1/8 x 3/4 LG.	1
13	7-120-08	PAL NUT	1
14	6-6216-04	STARWASHER 1/4	2
15	6-6201-04	HEX NUT 1/4 NC	2



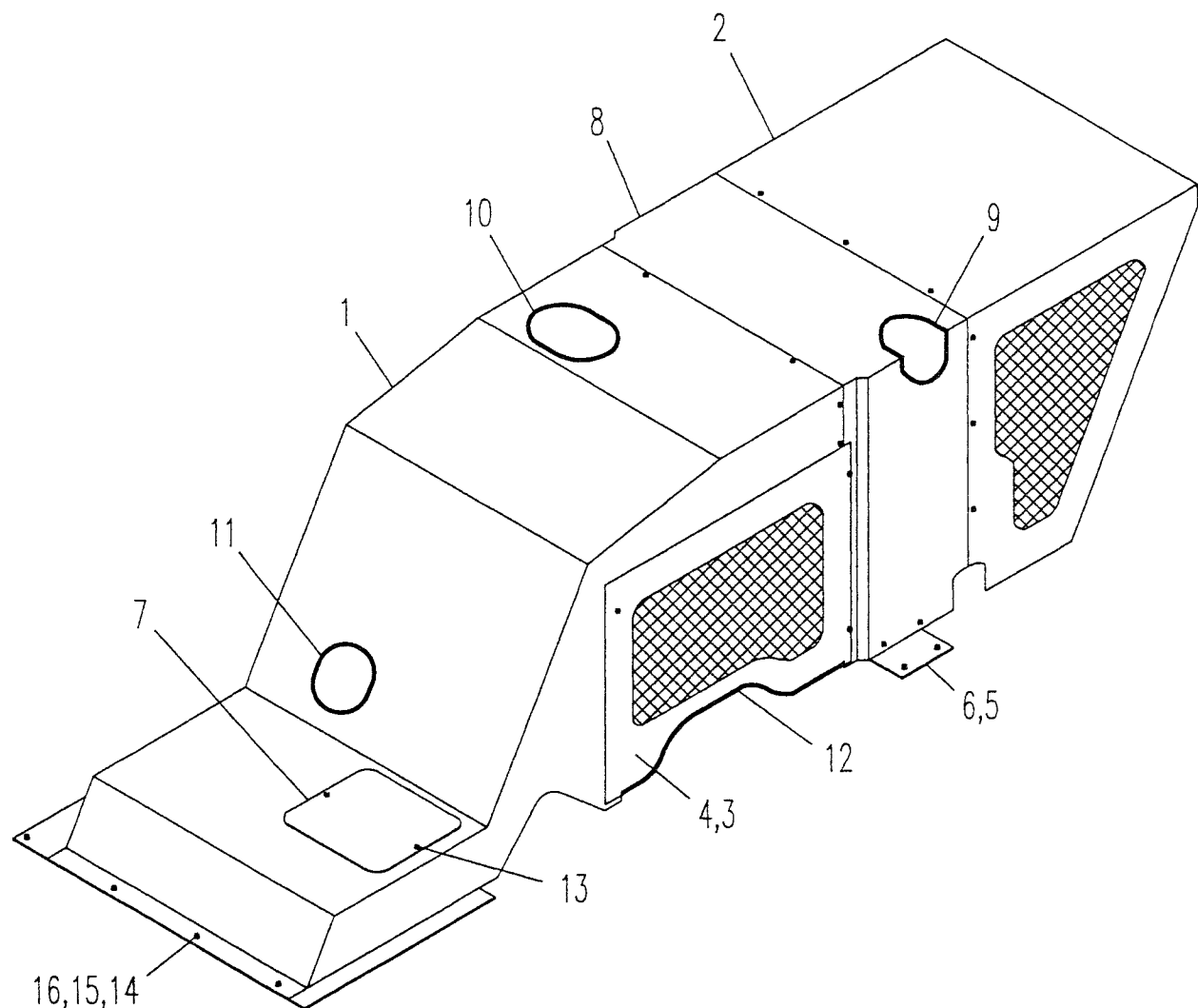
ITEM	NUMBER	DESCRIPTION	REQD
1	7-249-01	TRANSMISSION CONTROL ASSY	1
2	7-249-15	TRANSMISSION SHIFTING KIT	1
3	7-120-01	CONTROL CABLE	2
4	7-194-12	STUD 3/8 NC x 5 LG.	4
5	6-6211-06	LOCKWASHER 3/8	4
6	6-6201-06	HEX NUT 3/8 NC	4
7	7-249-13	SHIFTING KNOB / TRANSMISSION	REF



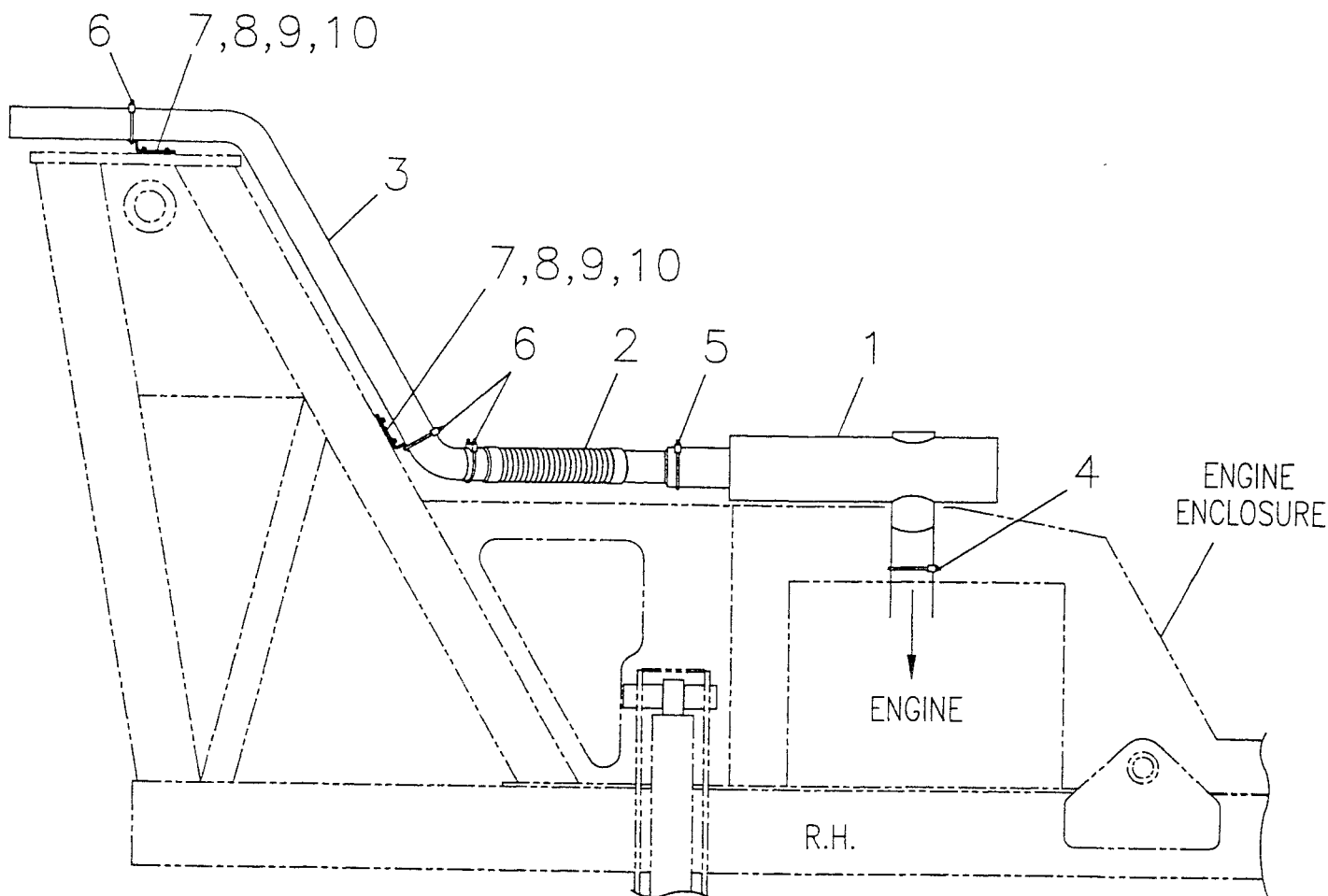
ITEM	NUMBER	DESCRIPTION	REQD
1	7-194-20	SPRING / RETURN	1
2	7-266-02	CABLE / ACCELERATOR	REF
3	3-1250	MOUNT / ACCELERATOR CABLE	1
4	7-194-07	U-BOLT W/ NUTS	1
5	6-5206-14	CAPSCREW 3/8 NC x 1 3/4 LG.	1
6	6-6211-06	LOCKWASHER 3/8	1
7	6-6201-06	HEX NUT 3/8 NC	1
8	7-194-05	YOKE W/ CLEVIS PIN & COTTER PIN	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	6-5209-08	CAPSCREW 9/16 NC x 1 LG.	REF
13	6-6211-09	LOCKWASHER 9/16	REF



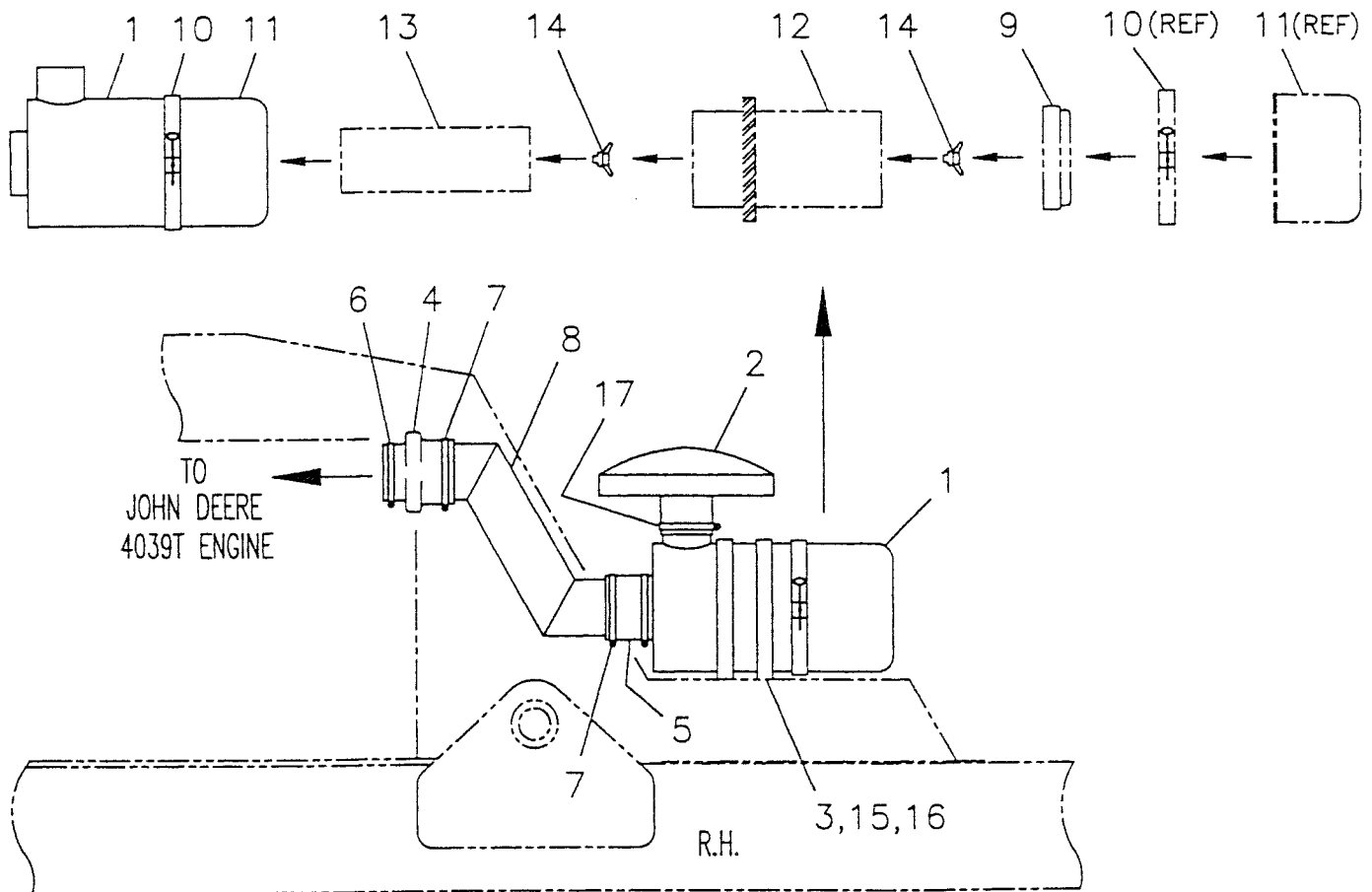
ITEM	NUMBER	DESCRIPTION	REQD
1	3-1080	PEDAL / ACCELERATOR	1
2	7-266-02	CABLE / ACCELERATOR	1
3	3-1081	LINKAGE / ACCELERATOR	1
4	7-194-07	U-BOLT W/ NUTS	1
5	7-194-05	YOKE W/ CLEVIS PIN & COTTER PIN	1
6	6-6208-04	JAM NUT 1/4-28 W/ CABLE	REF
7	6-6306	LUBE FITTING / 1/4-28 STR.	3
8	6-5204-08	CAPSCREW 1/4 NC x 1 LG.	2
9	6-6211-04	LOCKWASHER 1/4	2
10	7-194-06	SHIM / AS REQD	2



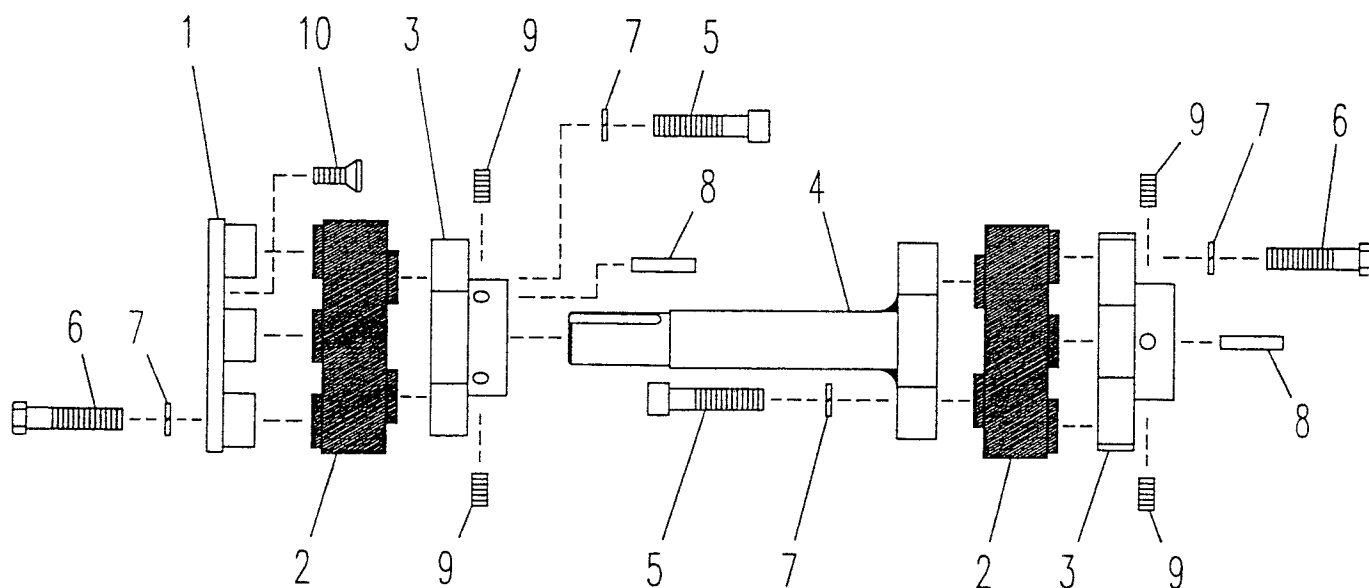
ITEM	NUMBER	DESCRIPTION	REQD
1	4-1481	HOUSING / FRONT	REF
2	4-1482	HOUSING / REAR	REF
3	4-1483-10	SIDE PANEL / RH	REF
4	4-1483-20	SIDE PANEL / LH	REF
5	3-1249-3	SUPPORT BRACKET / RH	REF
6	3-1249-2	SUPPORT BRACKET / LH	REF
7	3-1249-1	ACCESS COVER	REF
8	4-1503	HOUSING / MIDDLE	REF
9	6-9601-173	EDGING 1/4 x 21 5/8 LG.	1
10	6-9601-110	EDGING 1/4 x 13 3/4 LG.	1
11	6-9601-130	EDGING 1/4 x 16 1/4 LG.	1
12	6-9601-224	EDGING 1/4 x 28 LG.	2
13	7-290-01	BODY BOLT 5/16 NC x 3/4 LG. (27)	REF
14	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	9
15	6-6211-06	LOCKWASHER 3/8	9
16	6-6212-06	FLATWASHER 3/8	9
17	4-1485	ENGINE ENCLOSURE (ITEMS 1-8,13)	1



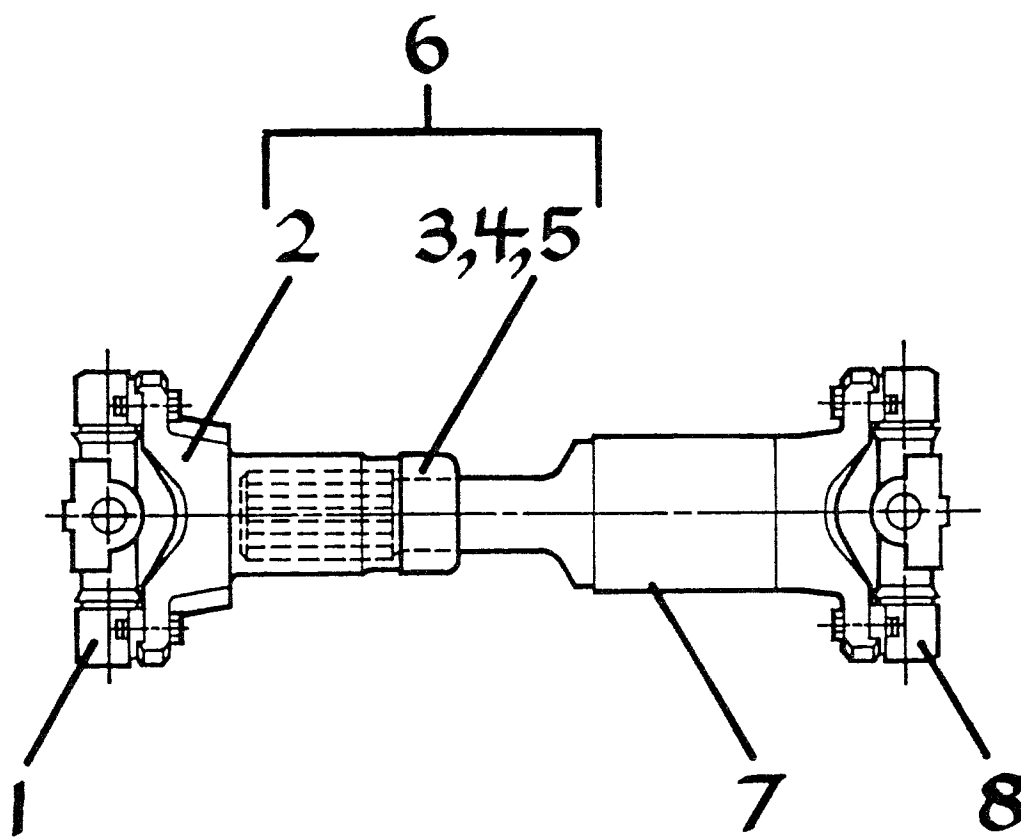
ITEM	NUMBER	DESCRIPTION	REQD
1	4-1484	MUFFLER (MODIFIED)	1
2	4-1512	FLEXIBLE EXHAUST TUBE	1
3	4-1511	TAILPIPE	1
4	7-319-09	CLAMP / MUFFLER / 4 IN.	REF
5	7-319-11	CLAMP / MUFFLER / 3 1/2 IN.	1
6	7-319-10	CLAMP / MUFFLER / 3 IN.	3
7	1-2018	BRACKET	2
8	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	4
9	6-6212-06	FLATWASHER 3/8	4
10	1-1026	VIBRATION PAD	2



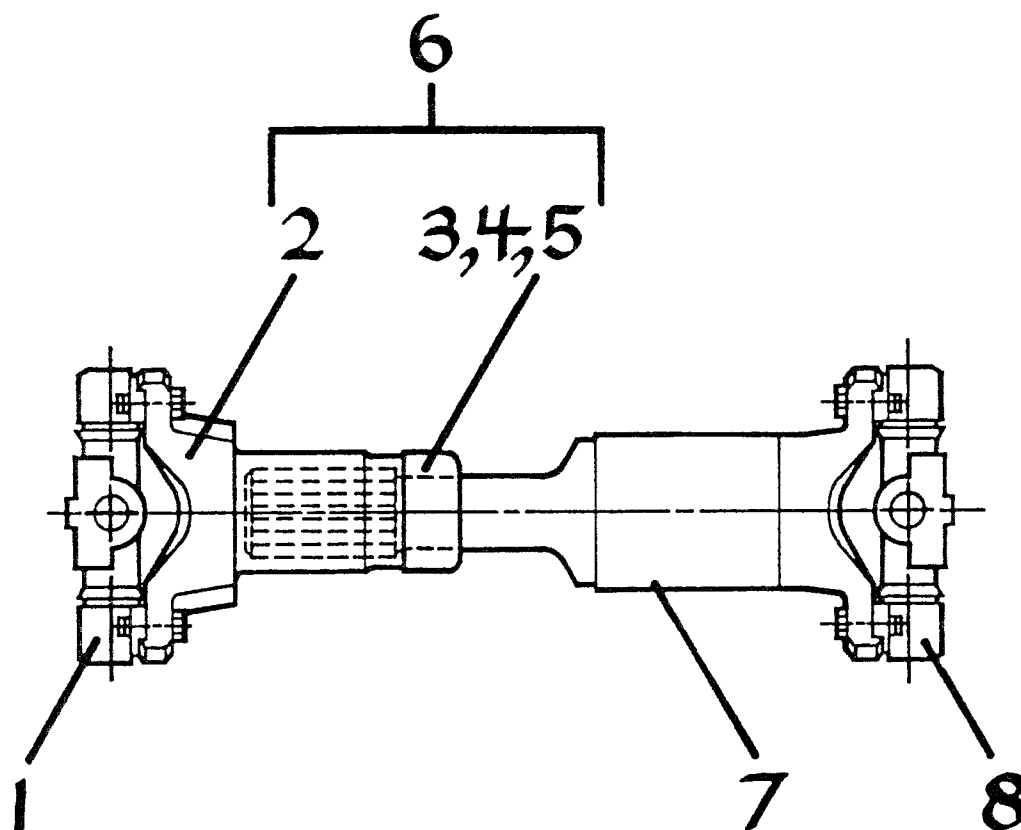
ITEM	NUMBER	DESCRIPTION	REQD
1	7-183-63	AIR CLEANER ASSEMBLY	REF
2	7-135-21	HOOD	REF
3	7-135-02	MOUNTING BAND	2
4	7-135-14	HUMP REDUCER	1
5	6-9617-24	RUBBER HOSE 3.5 ID x 3 LG.	1
6	6-6252-13	CLAMP / WORM	1
7	6-6252-15	CLAMP / WORM	3
8	3-1247	AIR INLET PIPE	1
9	7-183-61	BAFFLE	REF
10	7-183-60	CLAMP ASSEMBLY / BODY	REF
11	7-183-62	CUP	REF
12	7-183-58	FILTER / PRIMARY	REF
13	7-183-57	FILTER / SAFETY	REF
14	7-183-59	WING NUT / with WASHER	REF
15	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	4
16	6-6211-05	LOCKWASHER 5/16	4
17	6-6252-15	CLAMP / WORM (WITH ITEM 2)	REF



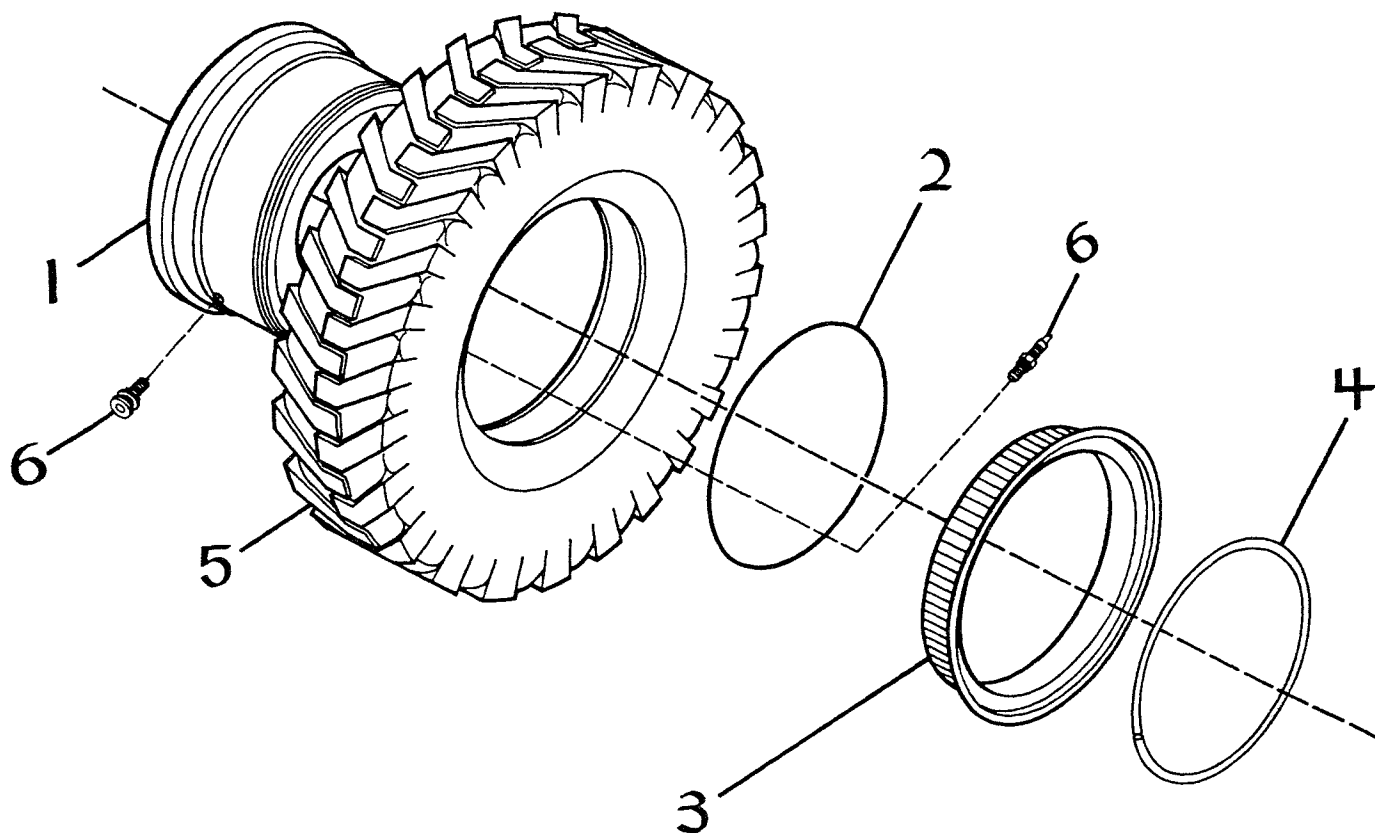
ITEM	NUMBER	DESCRIPTION	REQD
1	3-1253	DRIVE FLANGE / ENGINE SIDE	1
2	7-190-03	FLEXIBLE COUPLING	2
3	4-1475-3	DRIVE FLANGE	2
4	3-1240	DRIVE SHAFT / PUMP	1
5	6-5608-18	CAPSCREW SH 1/2 NC x 2 1/4 LG.	8
6	6-5208-18	CAPSCREW 1/2 NC x 2 1/4 LG.	8
7	6-6211-08	LOCKWASHER 1/2	16
8	6-6280-05	KEY 5/16 SQ.x 1 1/2 LG.	2
9	6-6275-04	SETSCREW 3/8 NC x 3/4 LG.	4



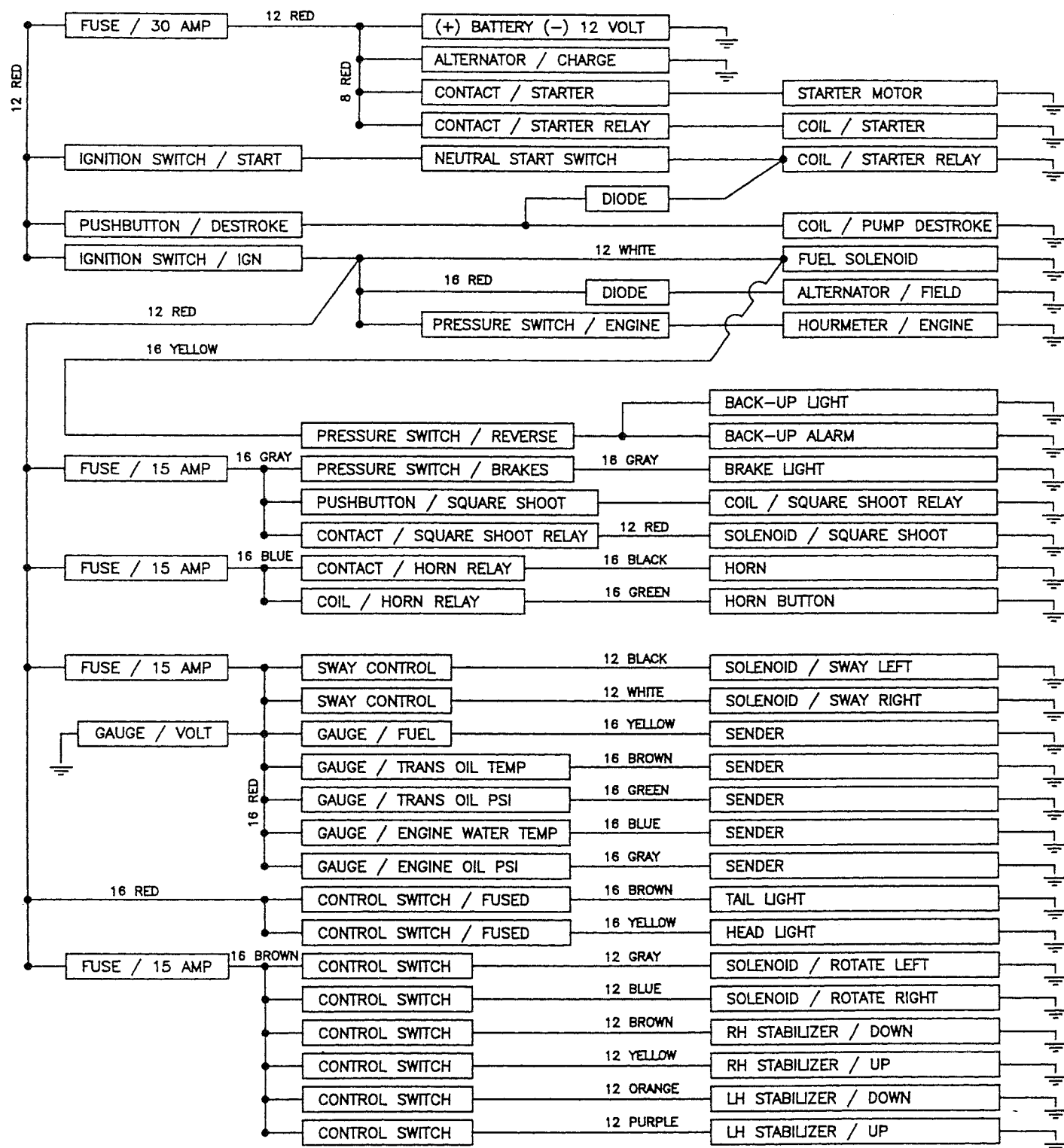
ITEM	NUMBER	DESCRIPTION	REQD
1	7-322-01	CROSS & BEARING ASSEMBLY	1
2	7-196-06	SLIP YOKE	1
3	7-196-07	RETAINING CAP	1
4	7-196-08	RETAINING WASHER	1
5	7-196-09	FELT WASHER	1
6	7-196-05	SLIP YOKE ASSEMBLY	1
7	7-196-30	TUBE WELDMENT	1
8	7-322-01	CROSS & BEARING ASSEMBLY	1
9	7-196-29	DRIVESHAFT ASSY (ITEMS 1 THRU 8)	REF

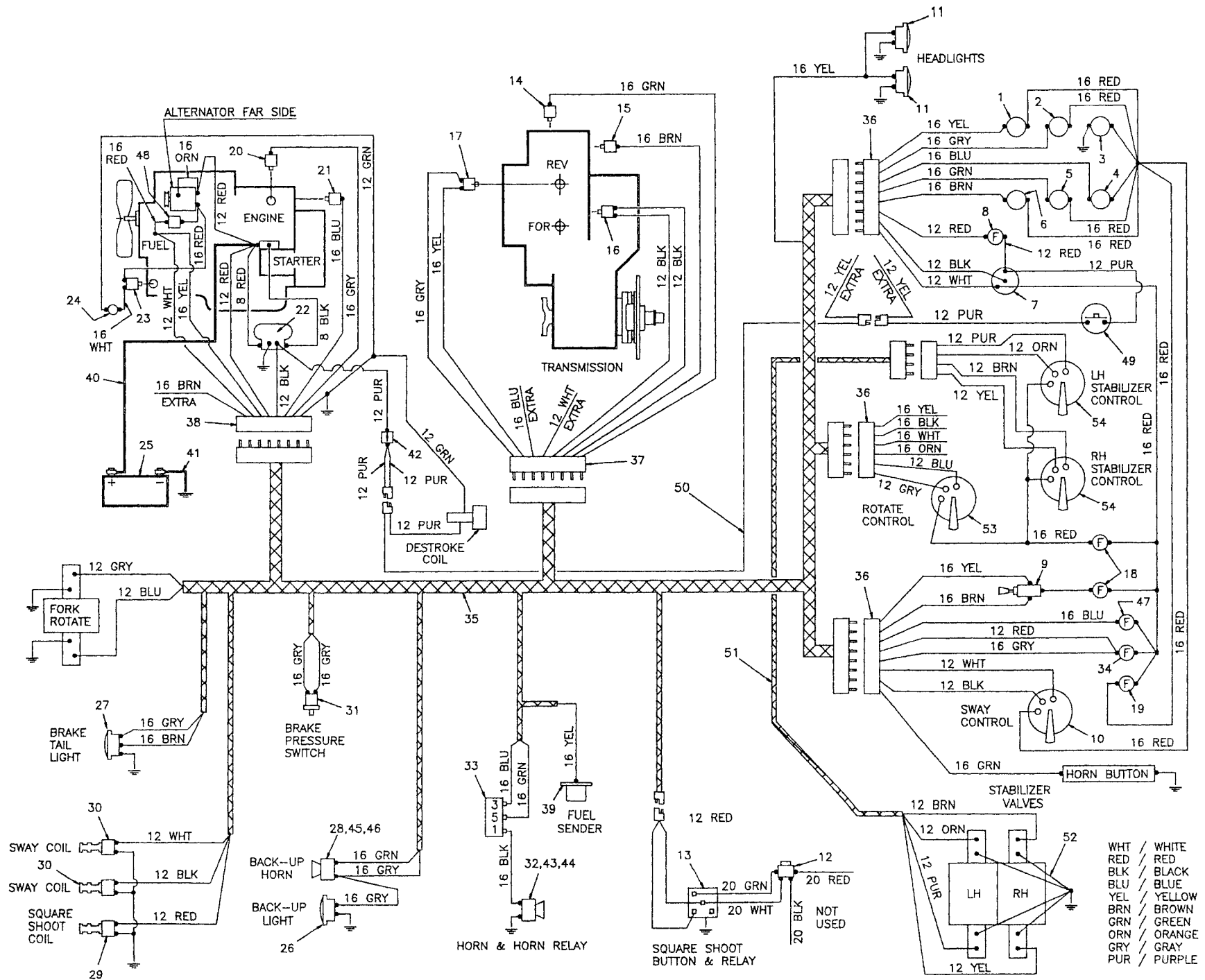


ITEM	NUMBER	DESCRIPTION	REQD
1	7-322-01	CROSS & BEARING ASSEMBLY	1
2	7-196-06	SLIP YOKE	1
3	7-196-07	RETAINING CAP	1
4	7-196-08	RETAINING WASHER	1
5	7-196-09	FELT WASHER	1
6	7-196-05	SLIP YOKE ASSEMBLY	1
7	7-196-28	TUBE WELDMENT	1
8	7-322-01	CROSS & BEARING ASSEMBLY	1
9	7-196-27	DRIVESHAFT ASSY (ITEMS 1 THRU 8)	REF

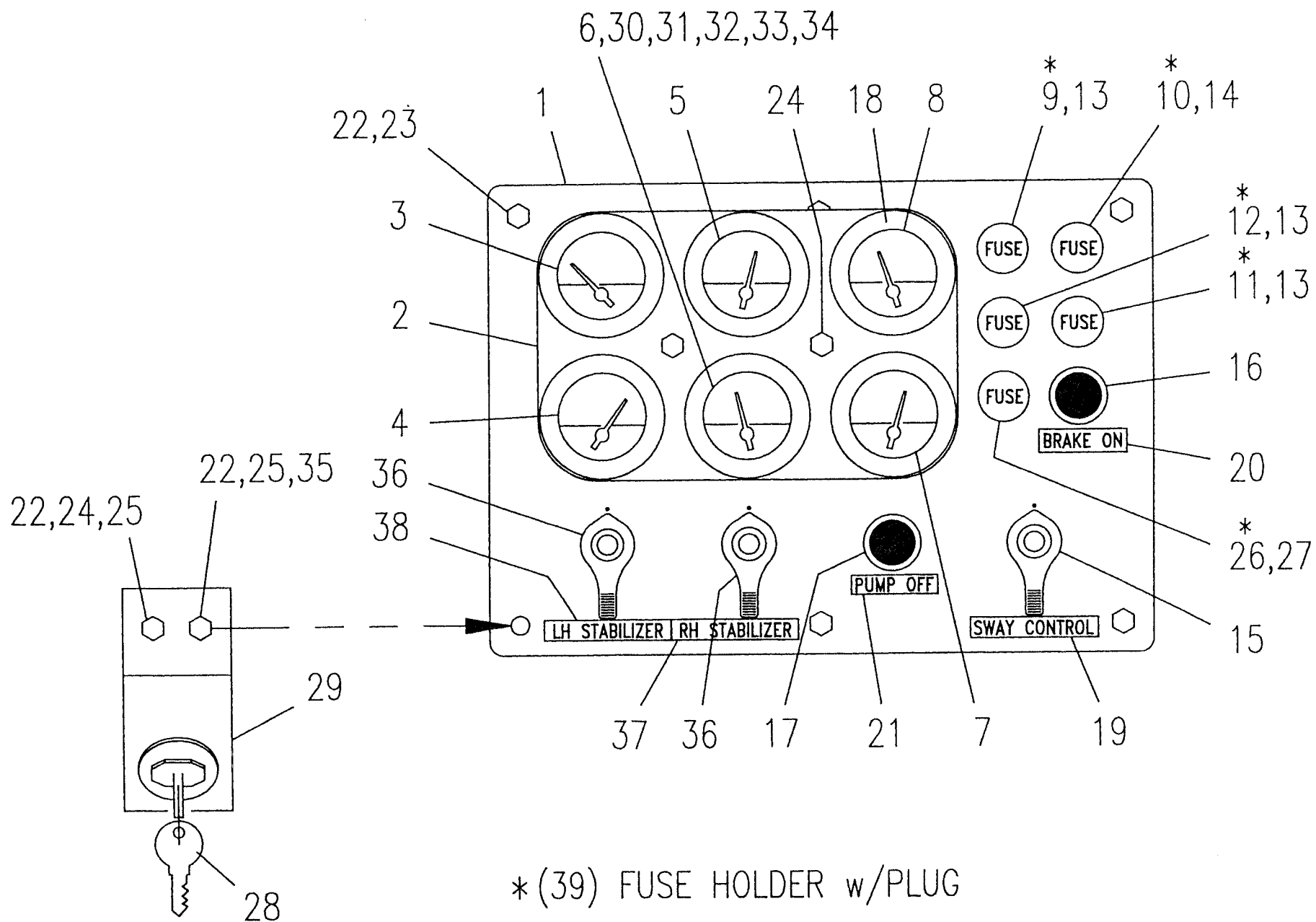


ITEM	NUMBER	DESCRIPTION	REQD
1	3-1248	RIM BASE	1
2	7-250-04	O-RING	1
3	7-250-06	FLANGE	1
4	7-250-07	LOCK RING	1
5	7-150-02	TIRE 14.00 x 24	1
6	7-286-01	VALVE STEM / AIR-CHLORIDE-FOAM	1

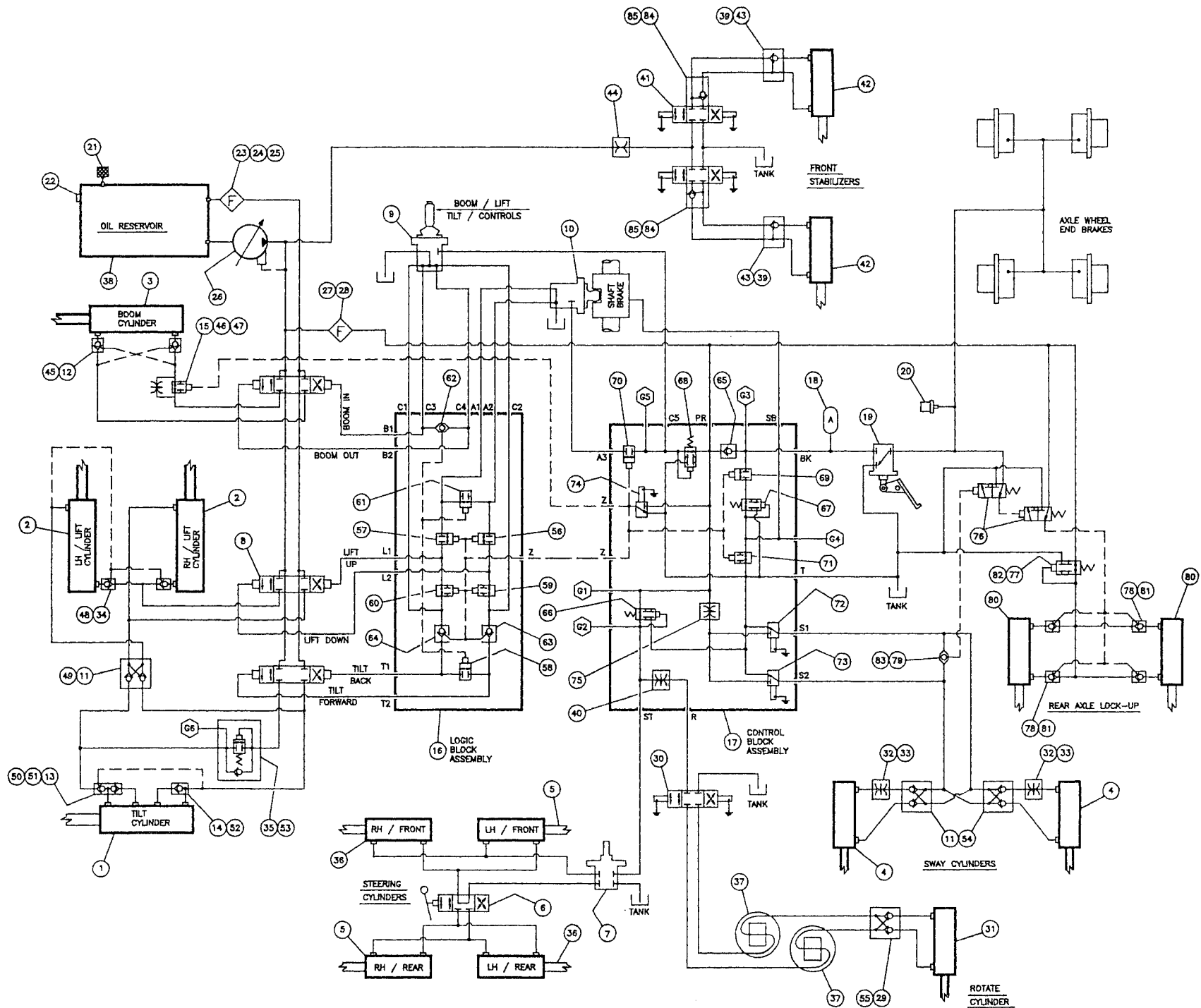




ITEM	NUMBER	DESCRIPTION	REQD
1	7-172-02	GAGE / FUEL	REF
2	7-172-04	GAGE / ENGINE OIL PRESSURE	REF
3	7-172-10	GAGE / VOLTMETER	REF
4	7-172-08	GAGE / ENGINE WATER TEMP.	REF
5	7-172-11	GAGE / TRANSMISSION OIL PRESSURE	REF
6	7-172-06	GAGE / TRANSMISSION OIL TEMP.	REF
7	7-127-02	SWITCH / IGNITION / KEY	REF
8	7-268-01	FUSE HOLDER / MAIN / IGNITION	REF
9	7-319-02	SWITCH / HEADLIGHTS	REF
10	7-127-04	SWITCH / SWAY CONTROL	REF
11	7-136-01	HEADLIGHT	REF
12	7-200-07	SWITCH / SQUARE SHOOT	REF
13	7-206-07	RELAY / SQUARE SHOOT	1
14	7-172-16	SENDER / TRANS OIL PRESSURE	1
15	7-172-07	SENDER / TRANS OIL TEMP.	1
16	7-126-96	SWITCH / NEUTRAL START	REF
17	7-303-01	PRESSURE SWITCH / REV.	1
18	7-268-01	FUSE HOLDER / OPTIONAL / ROTATE	REF
19	7-268-01	FUSE HOLDER / GAGES / SWAY	REF
20	7-172-05	SENDER / ENGINE OIL PRESSURE	1
21	7-172-09	SENDER / ENGINE WATER TEMP.	1
22	7-183-18	RELAY / STARTER	REF
23	7-231-02	PRESSURE SWITCH / HOURMETER	1
24	7-172-01	HOURMETER	1
25	7-251-01	BATTERY / 12 VOLT	1
26	7-136-02	LIGHT / BACK-UP	REF
27	7-136-03	LIGHT / TAIL-BRAKE	REF
28	7-213-01	BACK-UP ALARM	1
29	7-244-12	COIL / SQUARE SHOOT	REF
30	7-244-12	COIL / SWAY CONTROL	REF
31	7-206-03	PRESSURE SWITCH / BRAKE LIGHT	REF
32	7-228-01	HORN	1
33	7-206-04	RELAY / HORN	1
34	7-268-01	FUSE HOLDER / SQ. SHOOT / BRAKE	REF
35	4-1135	HARNESS / MAIN POWER / VALVE	1
36	4-1134	HARNESS / INSTRUMENT PANEL	1
37	3-1070	HARNESS / TRANSMISSION	1
38	4-1106	HARNESS / ENGINE	1
39	7-172-03	SENDER / FUEL	1
40	6-7801-180B	BATTERY CABLE / RED	1
41	6-7802-88B	BATTERY CABLE / BLACK	1
42	7-281-01	DIODE / PUMP DESTROKE	1
43	6-5204-04	CAPSCREW 1/4 NC x 1/2 LG.	1
44	6-6211-04	LOCKWASHER 1/4	1
45	6-5206-04	CAPSCREW 3/8 NC x 1/2 LG.	2
46	6-6211-06	LOCKWASHER 3/8	2
47	7-268-01	FUSE HOLDER / HORN	REF
48	7-281-01	DIODE / ALTERNATOR	1
49	7-319-03	PUSHBUTTON / PUMP DESTROKE	REF
50	2-1122	HARNESS / PUMP DESTROKE	1
51	2-1131	HARNESS / STABILIZER VALVE	1
52	2-1132	GROUND HARNESS / STABILIZER VALVE	1
53	7-127-04	SWITCH / ROTATE CONTROL	REF
54	7-127-04	SWITCH / STABILIZER CONTROL (2)	REF



ITEM	NUMBER	DESCRIPTION	REQD
1	3-1227-2	INSTRUMENT PANEL	1
2	2-1062	GAGE COVER	1
3	7-172-02	GAGE / FUEL	1
4	7-172-04	GAGE / ENGINE OIL PRESSURE	1
5	7-172-06	GAGE / TRANS. OIL TEMP.	1
6	7-172-08	GAGE / ENGINE WATER TEMP.	1
7	7-172-10	GAGE / VOLTMETER	1
8	7-172-11	GAGE / TRANS. OIL PRESSURE	1
9	7-268-01	HOLDER / JOYSTICK RELAY/BRK.LIGHT	1
10	7-268-01	HOLDER / MAIN POWER / IGNITION	1
11	7-268-01	HOLDER / HORN	1
12	7-268-01	HOLDER / GAGES / SWAY	1
13	7-117-01	FUSE / 15 AMP.	3
14	7-117-02	FUSE / 30 AMP.	1
15	7-127-04	SWITCH / SWAY CONTROL	1
16	7-127-05	LIGHT / WARNING	1
17	7-319-03	SWITCH / PUSHBUTTON	1
18	1-2006	SEAL RING / GAGE	6
19	3-1228-1	DECAL / SWAY CONTROL	1
20	3-1228-2	DECAL / BRAKE-ON	1
21	3-1228-3	DECAL / PUMP-OFF	1
22	6-6211-04	LOCKWASHER 1/4	7
23	6-5204-04	CAPSCREW 1/4 NC x 1/2 LG.	5
24	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	3
25	6-6201-04	NUT 1/4 NC	2
26	7-268-01	HOLDER / STABILIZERS	1
27	7-117-01	FUSE / 15 AMP	1
28	7-127-02	SWITCH / IGNITION KEY	1
29	2-1120	MOUNT / KEY SWITCH	1
30	1-1088	MOUNT	1
31	7-269-60	PLASTIC CLAMP	1
32	6-6284-07	MACHINE SCREW #10-32 x 1/2 LG.	2
33	6-6286-06	HEX NUT #10-32	2
34	6-6286-02	HEX NUT #8-32 SS	2
35	6-5204-08	CAPSCREW 1/4 NC x 1 LG.	1
36	7-127-04	SWITCH / STABILIZER	2
37	3-1228-6	DECAL / RH STABILIZER	1
38	3-1228-5	DECAL / LH STABILIZER	1
39	1-2031	FUSE HOLDER w/PLUG (UNIVERSAL)	REF

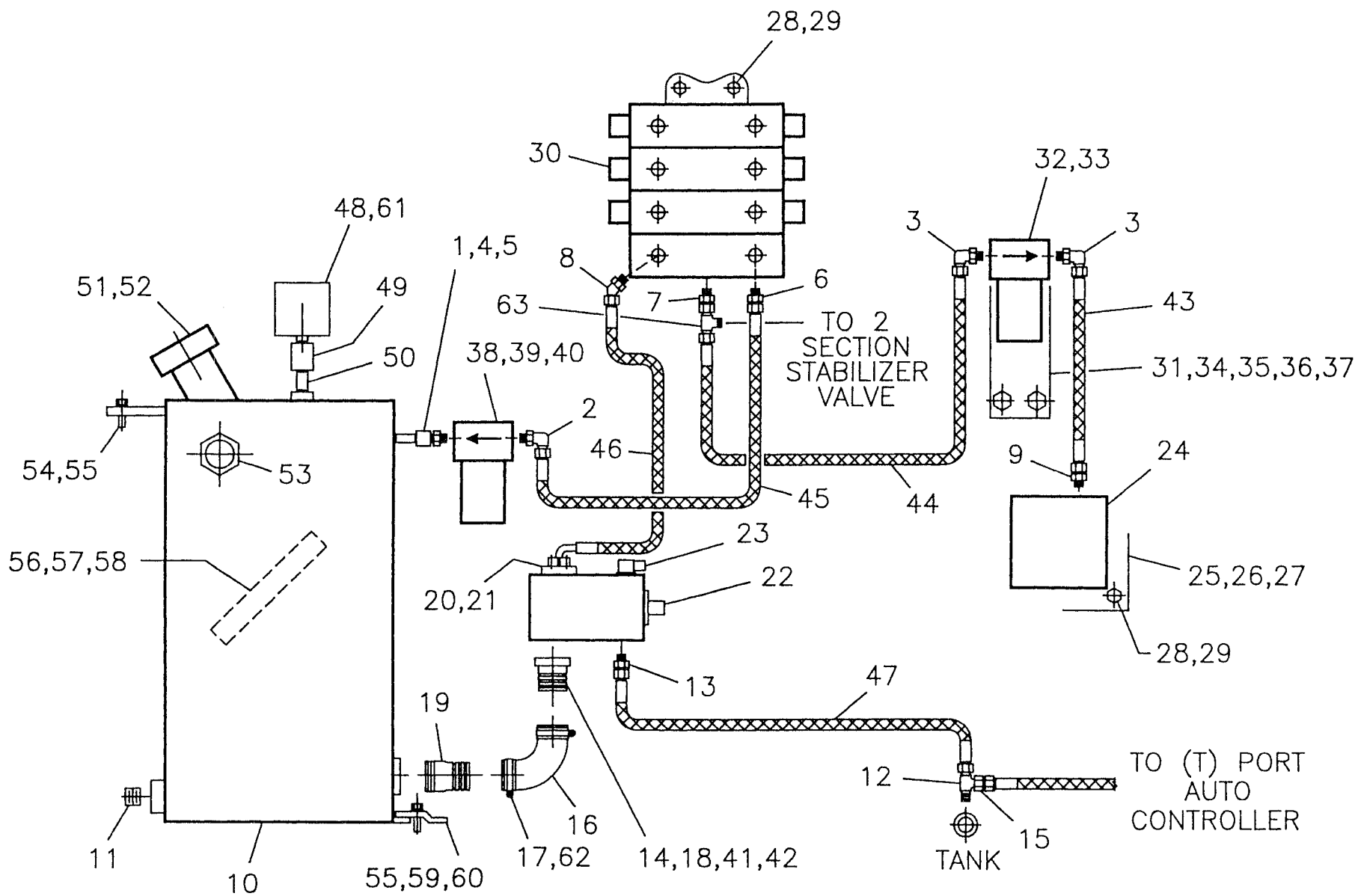


ITEM	NUMBER	DESCRIPTION	REQD
1	7-316-16	CYLINDER / TILT	REF
2	7-316-15	CYLINDER / LIFT	REF
3	7-316-17	CYLINDER / BOOM	REF
4	7-316-01	CYLINDER / SWAY	REF
5	7-229-262	CYLINDER / STEERING	REF
6	7-217-01	STEERING SELECTOR	1
7	7-122-01	STEERING ORBITRAL	1
8	7-200-80	VALVE ASSEMBLY / 3 SECTION	1
9	7-200-81	CONTROLLER / 4-WAY	1
10	7-200-82	CONTROLLER / AUTO	1
11	7-234-04	VALVE / DUAL CHECK	3
12	7-234-03	VALVE / MOTION / BOOM	2
13	7-234-01	VALVE / MOTION / HEAD TILT	1
14	7-234-02	VALVE / MOTION / BASE TILT	1
15	7-234-09	VALVE / BOOM BY-PASS	1
16	7-234-07	LOGIC BLOCK ASSEMBLY	1
17	7-234-75	CONTROL BLOCK ASSEMBLY	1
18	7-256-25	ACCUMULATOR / BRAKE	1
19	7-198-01	ACTUATOR / BRAKE	1
20	7-206-03	PRESSURE SWITCH / BRAKE LIGHT	REF
21	7-253-02	BREATHER / 5 PSI / OIL RESERVOIR	REF
22	7-161-01	SIGHT GAGE / OIL RESERVOIR	REF
23	7-256-23	FILTER / RETURN	1
24	7-256-03	GAGE / RETURN FILTER	1
25	7-256-05	ELEMENT / RETURN FILTER	REF
26	7-321-70	PUMP ASSEMBLY	1
27	7-256-16	FILTER / PRESSURE	REF
28	7-256-04	ELEMENT / PRESSURE FILTER	REF
29	7-234-35	VALVE / DUAL CHECK	REF
30	7-244-31	VALVE / ELECTRIC 4-WAY / ROTATE	REF
31	7-316-05	CYLINDER / ROTATE / 3.00 BORE	REF
32	1-1092	RESTRICTOR FITTING	REF
33	1-1093-2	RESTRICTOR PLUG (.060)	REF
34	7-234-54	VALVE / MOTION / LIFT	2
35	7-234-50	VALVE / TILT LIMITER	1
36	7-229-262	CYLINDER / STEERING	REF
37	7-292-01	HOSE REEL / ROTATE	REF
38	4-1443	OIL RESERVOIR	REF
39	7-234-55	CARTRIDGE / CHECK	REF
40	7-234-37	CARTRIDGE / NEEDLE	REF
41	7-244-29	VALVE / 2 SECTION / STABILIZER	REF
42	7-316-12	CYLINDER / STABILIZER	REF
43	7-234-78	VALVE / MOTION / STABILIZER	REF
44	1-1093-3	RESTRICTOR PLUG (.081)	REF
45	7-234-22	CARTRIDGE / COUNTERBALANCE	REF
46	7-234-11	CARTRIDGE / NORMALLY OPEN	REF
47	7-234-17	CARTRIDGE / NEEDLE	REF
48	7-234-53	CARTRIDGE / COUNTERBALANCE	REF
49	7-234-18	CARTRIDGE / PILOT CHECK	REF
50	7-234-19	CARTRIDGE / COUNTERBALANCE	REF
51	7-234-16	CARTRIDGE / CHECK	REF
52	7-234-16	CARTRIDGE / CHECK	REF
53	7-234-19	CARTRIDGE / COUNTERBALANCE	REF
54	7-234-18	CARTRIDGE / PILOT CHECK	REF

ITEM	NUMBER	DESCRIPTION	REQD
55	7-234-18	CARTRIDGE / PILOT CHECK	REF
56	7-234-10	CARTRIDGE / NORMALLY CLOSED	REF
57	7-234-10	CARTRIDGE / NORMALLY CLOSED	REF
58	7-234-10	CARTRIDGE / NORMALLY CLOSED	REF
59	7-234-11	CARTRIDGE / NORMALLY OPEN	REF
60	7-234-11	CARTRIDGE / NORMALLY OPEN	REF
61	7-234-11	CARTRIDGE / NORMALLY OPEN	REF
62	7-234-12	CARTRIDGE / SHUTTLE	REF
63	7-234-18	CARTRIDGE / PILOT CHECK	REF
64	7-234-18	CARTRIDGE / PILOT CHECK	REF
65	7-234-16	CARTRIDGE / CHECK	REF
66	7-234-15	CARTRIDGE / REDUCING	REF
67	7-234-28	CARTRIDGE / REDUCING-RELIEVING	REF
68	7-234-13	CARTRIDGE / REDUCING-RELIEVING	REF
69	7-234-10	CARTRIDGE / NORMALLY CLOSED	REF
70	7-234-10	CARTRIDGE / NORMALLY CLOSED	REF
71	7-234-11	CARTRIDGE / NORMALLY OPEN	REF
72	7-244-14	SOLENOID VALVE ASSEMBLY	REF
73	7-244-14	SOLENOID VALVE ASSEMBLY	REF
74	7-244-14	SOLENOID VALVE ASSEMBLY	REF
75	7-234-17	CARTRIDGE / NEEDLE	REF
76	7-304-02	PILOT 3-WAY VALVE	REF
77	7-234-65	REDUCING-RELIEVING VALVE	REF
78	7-234-63	PILOT CHECK VALVE	REF
79	7-234-70	SHUTTLE VALVE	REF
80	7-316-01	CYLINDER / REAR LOCK-UP	REF
81	7-234-62	CARTRIDGE / PILOT CHECK	REF
82	7-234-64	CARTRIDGE / REDUCING-RELIEVING	REF
83	7-234-12	CARTRIDGE / SHUTTLE	REF
84	7-244-47	VALVE / SINGLE PILOT OPER.CHECK	REF
85	7-244-48	STACKING KIT	REF

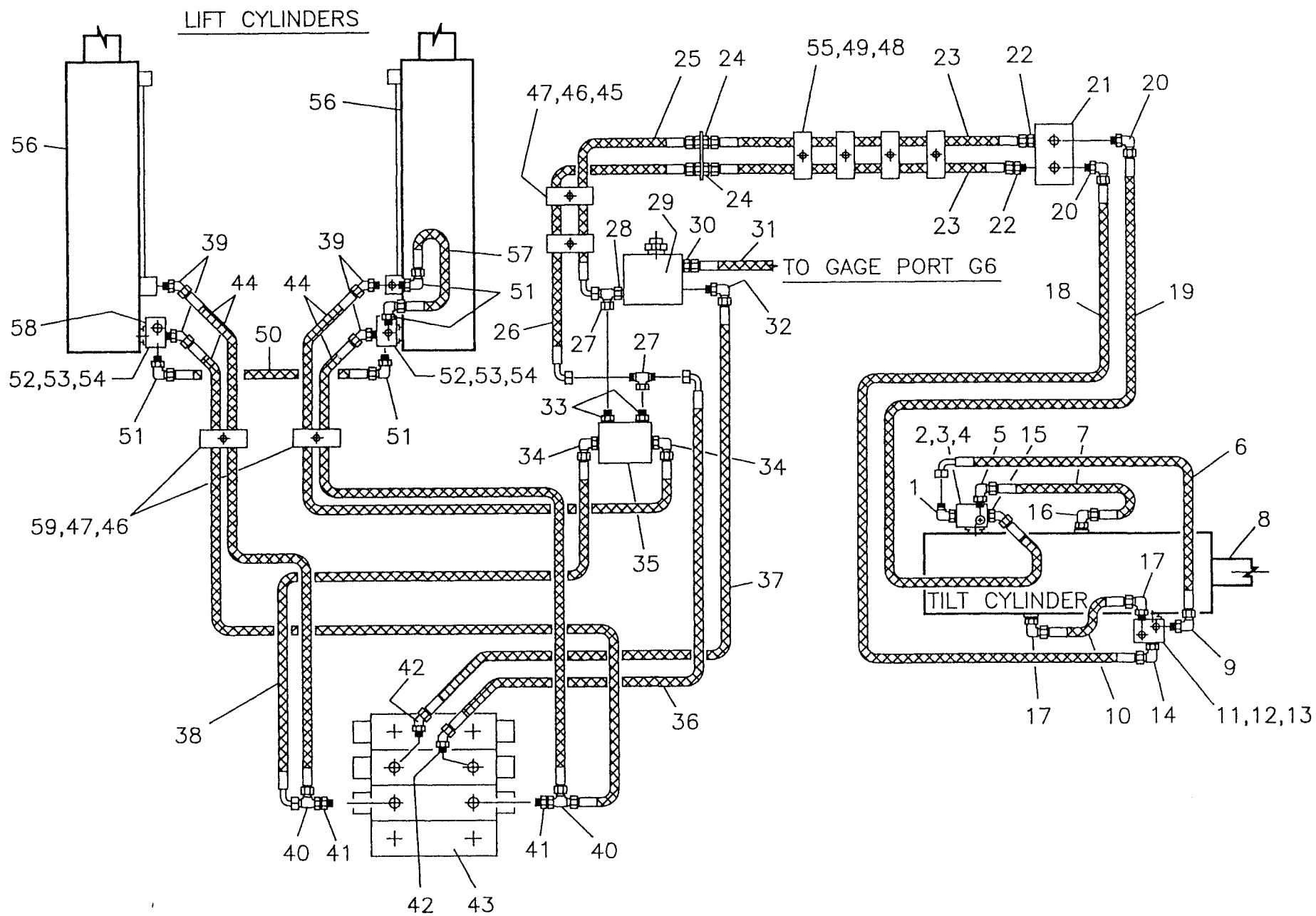
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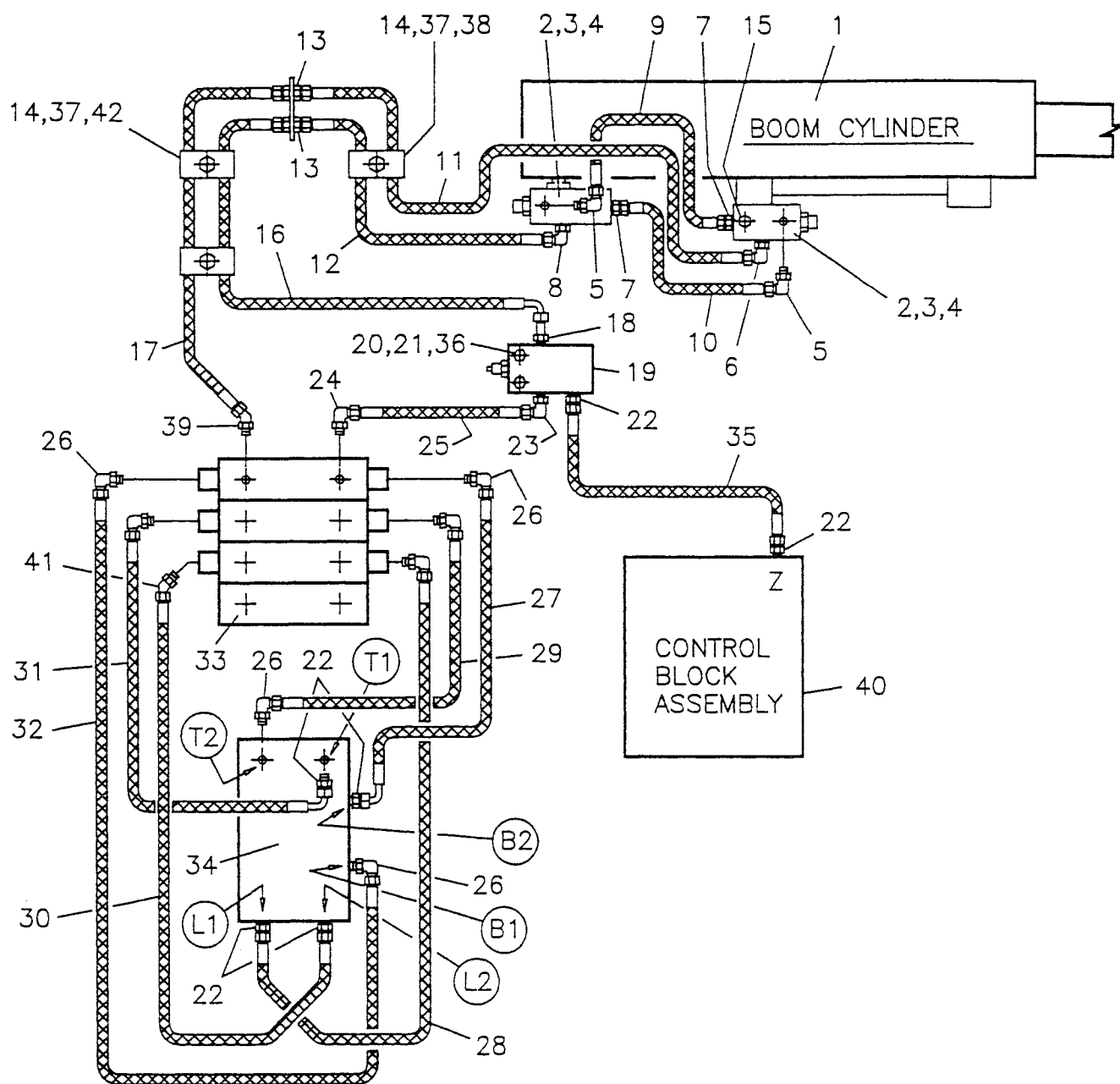
ITEM	NUMBER	DESCRIPTION	REQD
1	6-6436-01	FITTING / 20 NPT x 20 OR STR	1
2	6-6453-25	FITTING / 20 OR x 16 JIC 90	1
3	6-6453-24	FITTING / 16 OR x 10 JIC 90	2
4	6-6402-14	FITTING / 20 NPT COUPLING	1
5	6-6416-16	FITTING / 20 NPT x 8 LG. NIPPLE	1
6	6-6450-27	FITTING / 16 OR x 16 JIC STR	1
7	6-6450-14	FITTING / 12 OR x 08 JIC STR	1
8	6-6452-08	FITTING / 12 OR x 12 JIC 45	1
9	6-6450-12	FITTING / 08 OR x 08 JIC STR	1
10	4-1443	OIL RESERVOIR	1
11	6-6408-07	FITTING / 16 NPT FLUSH PLUG	1
12	6-6432-15	FITTING / 08 NPT x 08 JIC RN-TEE	1
13	6-6450-12	FITTING / 08 OR x 08 JIC STR	1
14	4-1421-1	FITTING / SUCTION	1
15	6-6495-01	FITTING / 08 x 04 JIC RED.- EXP.	REF
16	2-1121	SUCTION ELBOW / 2 1/4 ID x 90	1
17	7-272-06	T-HOSE CLAMP	2
18	7-209-66	O-RING / SUCTION FITTING	1
19	4-1421-3	TANK NIPPLE / 2 NPT x 7 1/8 LG.	1
20	7-158-36	SPLIT FLANGE HALF	2
21	7-209-67	O-RING / PRESSURE SIDE	1
22	7-321-70	PUMP ASSEMBLY	REF
23	7-244-27	DIN CONNECTOR	1
24	7-234-75	CONTROL BLOCK ASSEMBLY	REF
25	3-1082-2	MOUNT / CONTROL BLOCK	1
26	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	4
27	6-6211-05	LOCKWASHER 5/16	4
28	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	7
29	6-6211-06	LOCKWASHER 3/8	7
30	7-200-80	VALVE ASSEMBLY / 3 SECTION	REF
31	3-1208	MOUNT / PRESSURE FILTER	1
32	7-256-16	PRESSURE FILTER	1
33	7-256-04	ELEMENT / PRESSURE FILTER	REF
34	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	3
35	6-6211-06	LOCKWASHER 3/8	5
36	6-5206-10	CAPSCREW 3/8 NC x 1 1/4 LG.	2
37	6-6201-06	HEX NUT 3/8 NC	2
38	7-256-23	FILTER / RETURN	REF
39	7-256-03	GAGE / RETURN FILTER	REF
40	7-256-05	ELEMENT / RETURN FILTER	REF
41	6-5208-16	CAPSCREW 1/2 NC x 2 LG.	4
42	6-6211-08	LOCKWASHER 1/2	4
43	6-7014-60	HOSE / 08 x 10 x 30 LG.	1
44	6-7014-88	HOSE / 08 x 10 x 44 LG.	1
45	6-7148-56	HOSE / 16 x 16 x 28 LG.	1
46	6-7156-70	HOSE / 12 x 16-90 SF x 35 LG.	1
47	6-7004-70	HOSE / 08 x 08 x 35 LG.	1
48	7-253-02	BREATHER / RESERVOIR / 5 PSI	1
49	6-6440-04	FITTING / 08 NPT COUPLING	1
50	6-6413-08	FITTING / 08 NPT x 4 LG. NIPPLE	1
51	7-265-01	CAP / RESERVOIR	1
52	7-265-03	STRAINER / RESERVOIR CAP	1
53	7-161-01	SIGHT GAGE	1
54	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	2

ITEM	NUMBER	DESCRIPTION	REQD
55	6-6211-06	LOCKWASHER 3/8	4
56	7-273-20	COVER PLATE / 1/4 SINGLE HOSE	5
57	7-273-18	CLAMP HALF SET / 1/4 SINGLE HOSE	5
58	6-5204-12	CAPSCREW 1/4 NC x 1 1/2 LG.	10
59	1-2016	CLAMP / RESERVOIR	2
60	6-5206-12	CAPSCREW 3/8 NC x 1 1/2 LG.	2
61	7-253-03	ELEMENT / BREATHER	REF
62	6-9616-10	HOSE PROTECTOR	2
63	6-6481-06	FITTING / 08 JIC SW-RN-TEE	1



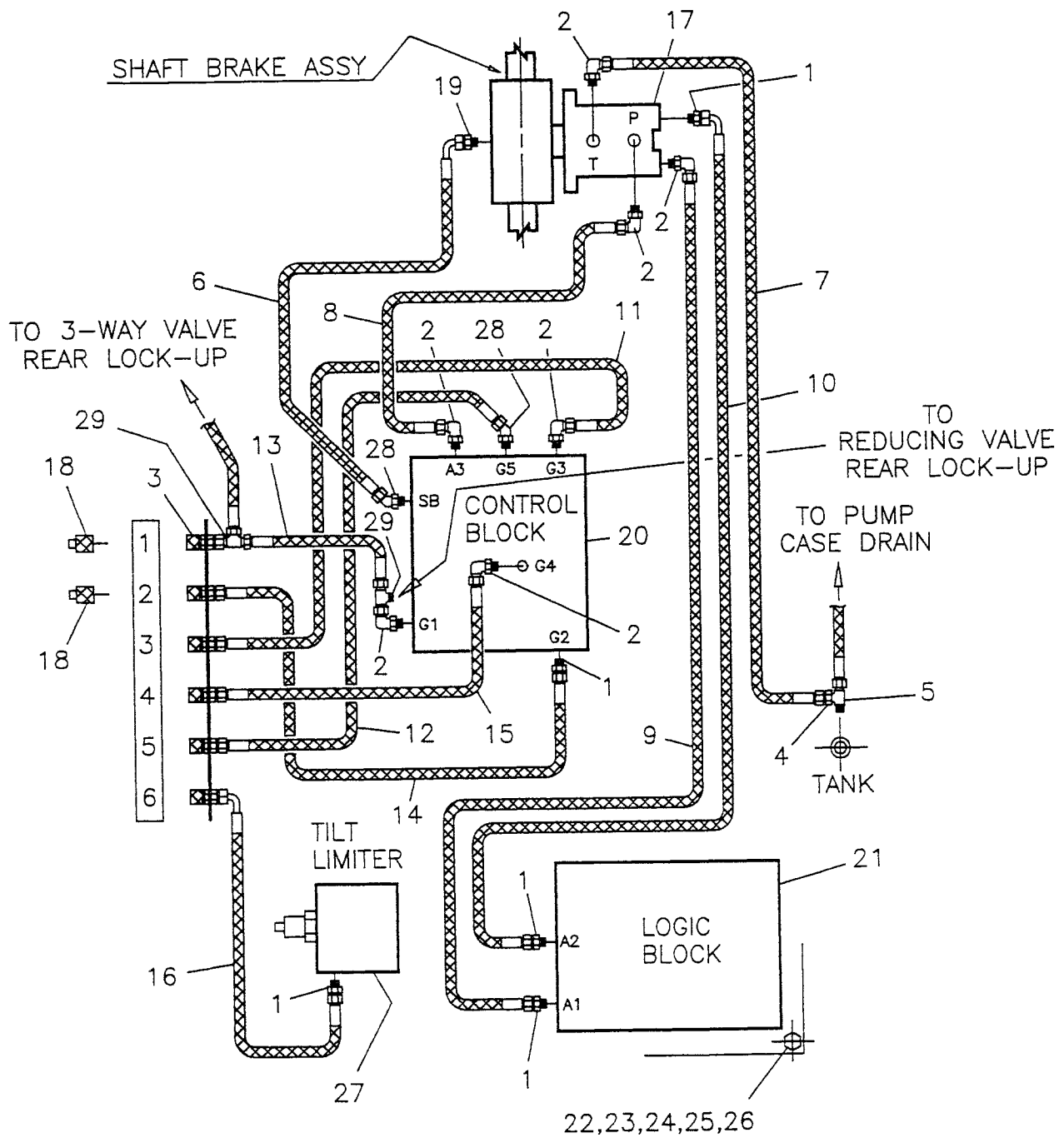
ITEM	NUMBER	DESCRIPTION	REQD
1	6-6453-04	FITTING / 06 OR x 04 JIC 90	1
2	7-234-02	VALVE / MOTION / BASE TILT	REF
3	6-5606-14	CAPSCREW SH 3/8 NC x 1 3/4 LG.	4
4	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4
5	6-6453-04	FITTING / 06 OR x 04 JIC 90	1
6	6-7022-60	HOSE / 04 x 04-90 x 30 LG.	1
7	6-7002-26	HOSE / 04 x 04 x 13 LG.	1
8	7-316-16	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	6-7004-810	HOSE / 08 x 08 x 405 LG.	1
19	6-7004-810	HOSE / 08 x 08 x 405 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	6-7014-350	HOSE / 08 x 10 x 175 LG.	2
24	6-6475-07	FITTING / 10 JIC BH-UNION STR	2
25	6-7025-136	HOSE / 10 x 10-90 x 68 LG.	1
26	6-7025-136	HOSE / 10 x 10-90 x 68 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	6-7022-28	HOSE / 04 x 04-90 x 14 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	2
34	6-6453-11	FITTING / 08 OR x 10 JIC 90	2
35	7-234-04	VALVE / DUAL CHECK	REF
36	6-7025-44	HOSE / 10 x 10-90 x 22 LG.	1
37	6-7005-44	HOSE / 10 x 10 x 22 LG.	1
38	6-7025-44	HOSE / 10 x 10-90 x 22 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	7-200-80	VALVE ASSEMBLY / 3 SECTION	REF
44	6-7005-180	HOSE / 10 x 10 x 90 LG.	4
45	6-5205-30	CAPSCREW 5/16 NC x 3 3/4 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	6-7002-108	HOSE / 04 x 04 x 54 LG.	1
51	6-6453-04	FITTING / 06 OR x 04 JIC 90	4
52	7-234-54	VALVE / MOTION / LIFT	REF
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

ITEM	NUMBER	DESCRIPTION	REQD
55	7-273-25	CLAMP HALF SET / 1/2 TWIN HOSE	4
56	7-316-15	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	4
59	6-5205-16	CAPSCREW 5/16 NC x 2 LG.	2

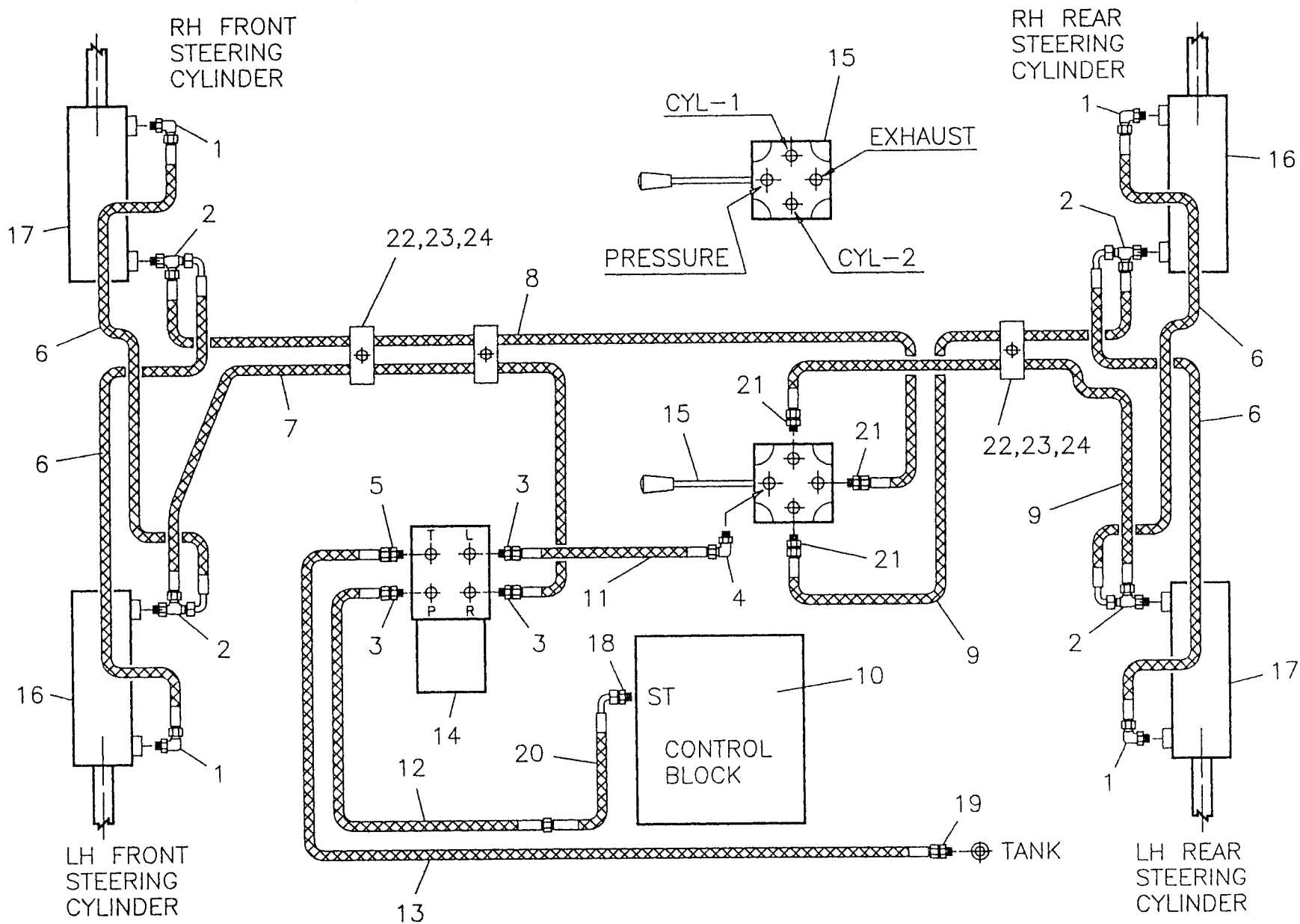


ITEM	NUMBER	DESCRIPTION	REQD
1	7-316-17	CYLINDER / BOOM	REF
2	7-234-03	VALVE / MOTION / BOOM	REF
3	6-5606-22	CAPSCREW SH 3/8 NC x 2 3/4 LG.	8
4	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	8
5	6-6453-04	FITTING / 06 OR x 04 JIC 90	2
6	6-6453-12	FITTING / 10 OR x 10 JIC 90	1
7	6-6450-05	FITTING / 06 OR x 04 JIC STR	2
8	6-6453-12	FITTING / 10 OR x 10 JIC 90	1
9	6-7002-26	HOSE / 04 x 04 x 13 LG.	1
10	6-7002-26	HOSE / 04 x 04 x 13 LG.	1
11	6-7005-122	HOSE / 10 x 10 x 61 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	3
15	6-6457-05	FITTING / 06 OR HEX HD PLUG	4
16	6-7025-120	HOSE / 10 x 10-90 x 60 LG.	1
17	6-7005-180	HOSE / 10 x 10 x 90 LG.	1
18	6-6451-07	FITTING / 10 OR x 10 JIC LONG STR	1
19	7-234-09	VALVE / BOOM BY-PASS	REF
20	6-5204-14	CAPSCREW 1/4 NC x 1 3/4 LG.	2
21	6-6211-04	LOCKWASHER 1/4	2
22	6-6450-05	FITTING / 06 OR x 04 JIC STR	6
23	6-6453-12	FITTING / 10 OR X 10 JIC 90	1
24	6-6453-13	FITTING / 12 OR x 10 JIC 90	1
25	6-7005-32	HOSE / 10 x 10 x 16 LG.	1
26	6-6453-04	FITTING / 06 OR x 04 JIC 90	7
27	6-7022-34	HOSE / 04 x 04-90 x 17 LG.	1
28	6-7002-42	HOSE / 04 x 04 x 21 LG.	1
29	6-7002-17	HOSE / 04 x 04 x 8 1/2 LG.	1
30	6-7002-62	HOSE / 04 x 04 x 31 LG.	1
31	6-7022-44	HOSE / 04 x 04-90 x 22 LG.	1
32	6-7002-76	HOSE / 04 x 04 x 38	1
33	7-200-80	VALVE / 3 SECTION	REF
34	7-234-07	LOGIC BLOCK	REF
35	6-7002-42	HOSE / 04 x 04 x 21 LG.	1
36	6-6212-04	FLATWASHER 1/4	2
37	7-273-26	COVER PLATE / 5/8 HOSE CLAMP	3
38	6-5205-16	CAPSCREW 5/16 NC x 2 LG.	1
39	6-6452-17	FITTING / 12 OR x 10 JIC 45	1
40	7-234-75	CONTROL BLOCK	REF
41	6-6452-19	FITTING / 06 OR x 04 JIC 45	1
42	6-5205-30	CAPSCREW 5/16 NC x 3 3/4 LG.	2

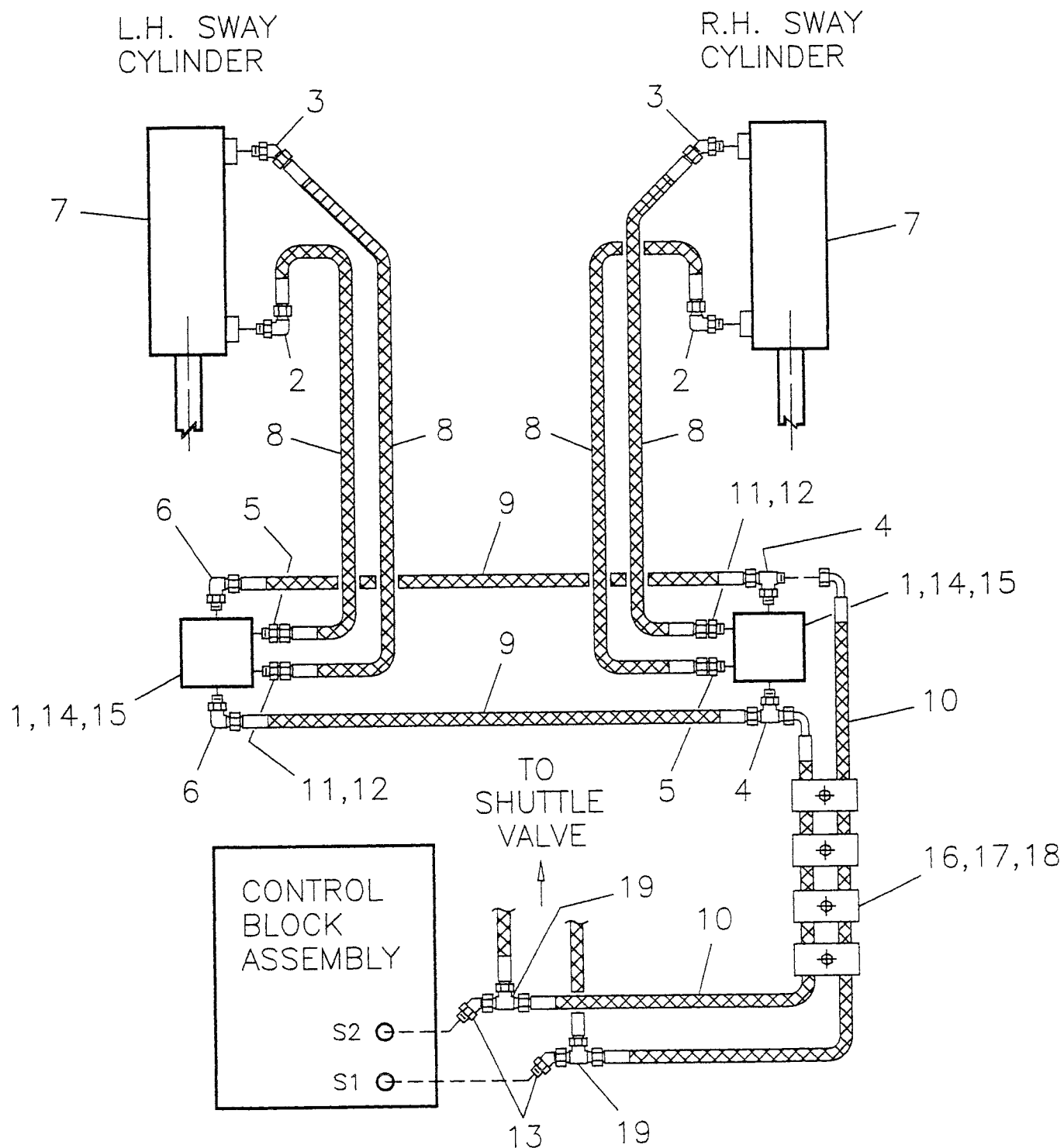
ITEM	NUMBER	DESCRIPTION	REQD
1	6-6450-05	FITTING / 06 OR x 04 JIC STR	9
2	6-6450-08	FITTING / 06 OR x 06 JIC STR	1
3	6-6482-05	FITTING / 06 JIC TEE	1
4	6-6453-04	FITTING / 06 OR x 04 JIC 90	3
5	6-6450-08	FITTING / 06 OR x 06 JIC STR	1
6	6-6406-04	FITTING / 08-06 NPT REDUCER	1
7	6-6432-14	FITTING / 06 NPT x 06 JIC M-R-TEE	1
8	6-7002-330	HOSE / 04 x 04 x 165 LG.	1
9	6-7003-194	HOSE / 06 x 06 x 97 LG.	1
10	6-7003-56	HOSE / 06 x 06 x 28 LG.	1
11	6-7003-136	HOSE / 06 x 06 x 68 LG.	1
12	6-7002-276	HOSE / 04 x 04 x 138 LG.	1
13	6-7002-276	HOSE / 04 x 04 x 138 LG.	1
14	6-7002-276	HOSE / 04 x 04 x 138 LG.	1
15	6-7002-276	HOSE / 04 x 04 x 138 LG.	1
16	6-7002-38	HOSE / 04 x 04 x 19 LG.	1
17	6-7003-56	HOSE / 06 x 06 x 28 LG.	1
18	7-200-81	CONTROLLER / 4-WAY	REF
19	7-234-07	LOGIC BLOCK	REF
20	7-234-75	CONTROL BLOCK	REF
21	6-6450-09	FITTING / 08 OR x 06 JIC STR	1
22	6-6452-19	FITTING / 06 OR x 04 JIC 45	1
23	7-198-01	ACTUATOR / BRAKE	REF
24	6-6494-01	FITTING / 04 JIC CAP	1



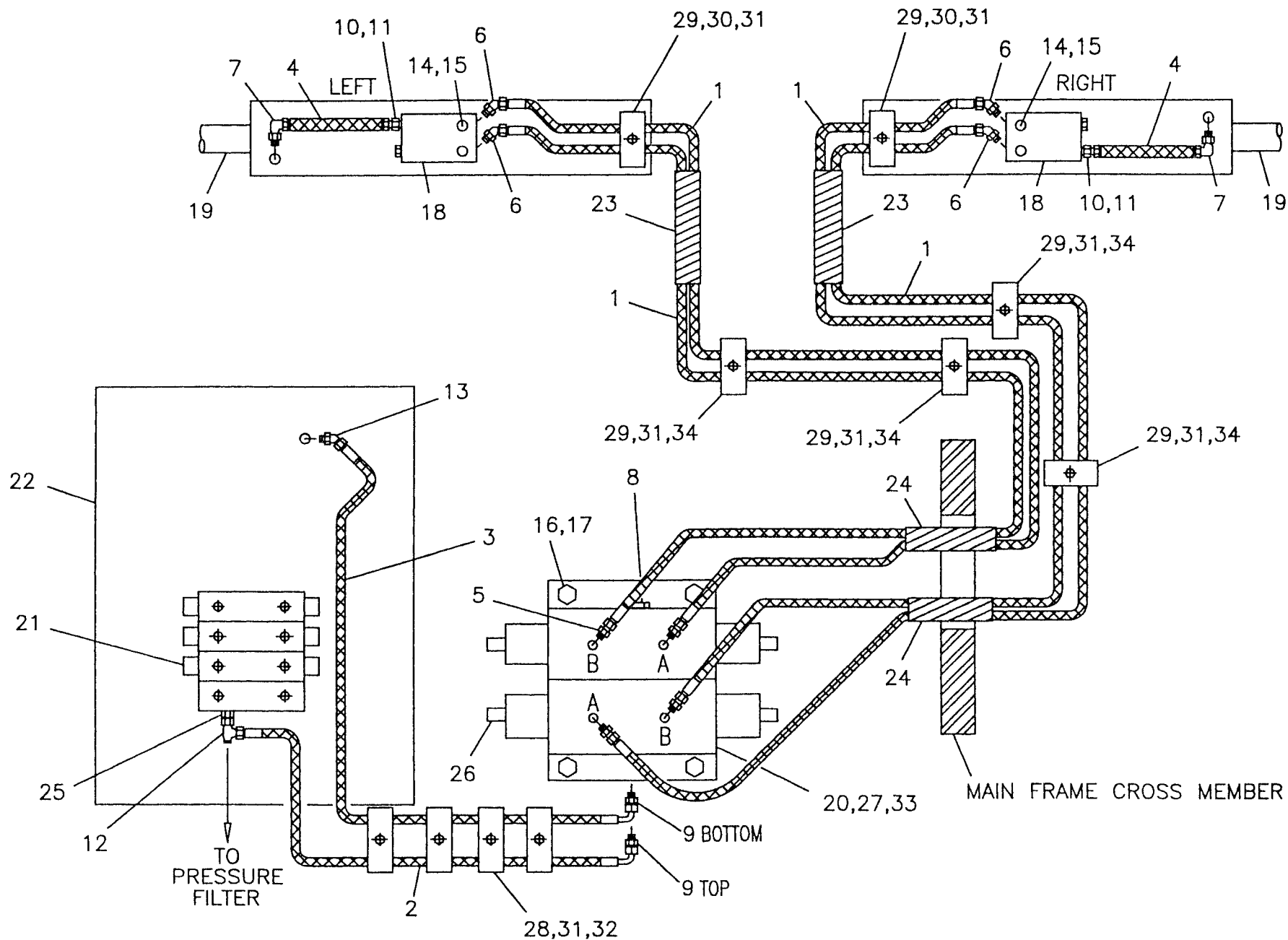
ITEM	NUMBER	DESCRIPTION	REQD
1	6-6450-05	FITTING / 06 OR x 04 JIC STR	5
2	6-6453-04	FITTING / 06 OR x 04 JIC 90	6
3	7-302-01	MALE PRESSURE CHECK	6
4	6-6495-01	FITTING / 08 x 04 JIC RED.- EXP.	1
5	6-6432-15	FITTING / 08 NPT x 08 JIC RN-TEE	REF
6	6-7022-144	HOSE / 04 x 04-90 x 72 LG.	1
7	6-7002-130	HOSE / 04 x 04 x 65 LG.	1
8	6-7002-130	HOSE / 04 x 04 x 65 LG.	1
9	6-7002-130	HOSE / 04 x 04 x 65 LG.	1
10	6-7022-144	HOSE / 04 x 04-90 x 72 LG.	1
11	6-7002-62	HOSE / 04 x 04 x 31 LG.	1
12	6-7002-62	HOSE / 04 x 04 x 31 LG.	1
13	6-7002-42	HOSE / 04 x 04 x 21 LG.	REF
14	6-7002-42	HOSE / 04 x 04 x 21 LG.	1
15	6-7002-42	HOSE / 04 x 04 x 21 LG.	1
16	6-7022-34	HOSE / 04 x 04-90 x 17 LG.	1
17	7-200-82	CONTROLLER / AUTO	REF
18	7-302-02	FEMALE PRESSURE CHECK	2
19	6-6450-03	FITTING / 04 OR x 04 JIC STR	1
20	7-234-75	CONTROL BLOCK	REF
21	7-234-07	LOGIC BLOCK	REF
22	3-1082-1	MOUNT / LOGIC BLOCK	1
23	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	3
24	6-6211-05	LOCKWASHER 5/16	3
25	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	4
26	6-6211-06	LOCKWASHER 3/8	4
27	7-234-50	VALVE / TILT LIMITER	REF
28	6-6452-19	FITTING / 06 OR x 04 JIC 45	2
29	6-6481-03	FITTING / 04 JIC SW-RN-TEE	REF



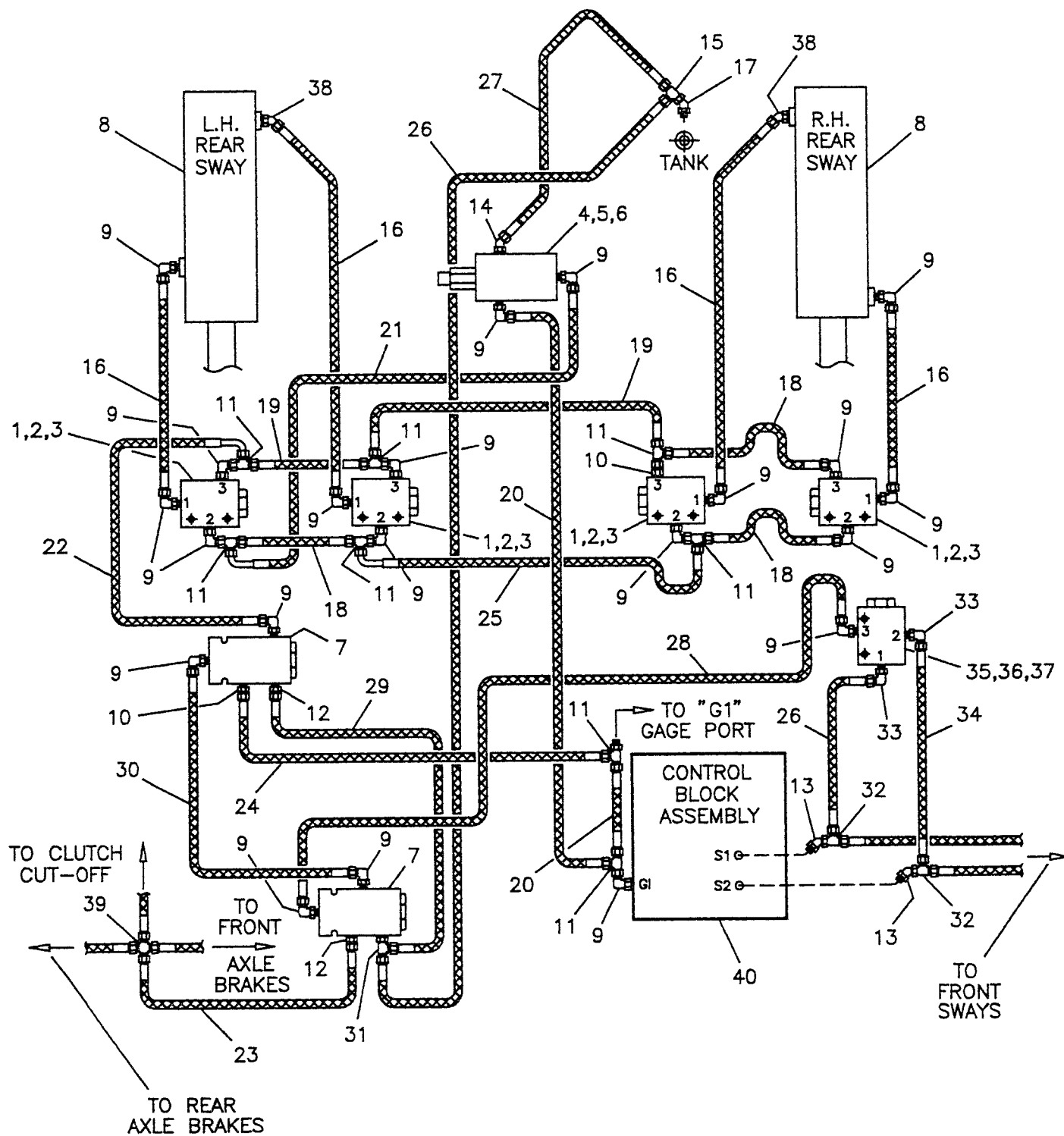
ITEM	NUMBER	DESCRIPTION	REQD
1	6-6453-06	FITTING / 06 OR x 06 JIC 90	4
2	6-6455-05	FITTING / 06 OR x 06 JIC RN-TEE	4
3	6-6450-12	FITTING / 08 OR x 08 JIC STR	3
4	6-6453-09	FITTING / 08 OR x 08 JIC 90	1
5	6-6450-15	FITTING / 08 OR x 10 JIC STR	1
6	6-7023-70	HOSE / 06 x 06-90 x 35 LG.	4
7	6-7013-158	HOSE / 06 x 08 x 79 LG.	1
8	6-7003-194	HOSE / 06 x 06 x 97 LG.	1
9	6-7003-172	HOSE / 06 x 06 x 86 LG.	2
10	7-234-75	CONTROL BLOCK	REF
11	6-7004-124	HOSE / 08 x 08 x 62 LG.	1
12	6-7004-388	HOSE / 08 x 08 x 194 LG.	1
13	6-7005-364	HOSE / 10 x 10 x 182 LG.	1
14	7-122-01	STEERING ORBITRAL	REF
15	7-217-01	STEERING SELECTOR	REF
16	7-229-262	CYLINDER / STEERING	REF
17	7-229-262	CYLINDER / STEERING	REF
18	6-6450-12	FITTING / 08 OR x 08 JIC STR	1
19	6-6425-18	FITTING / 12 NPT x 10 JIC STR	1
20	6-7124-34	HOSE / 08 MALE x 08-90 x 17 LG.	1
21	6-6450-09	FITTING / 08 OR x 06 JIC STR	3
22	7-273-27	CLAMP HALF SET / 3/8 TWIN HOSE	3
23	7-273-23	TOP PLATE / 3/8 HOSE CLAMP	3
24	6-5205-10	CAPSCREW 5/16 NC x 1 1/4 LG.	3



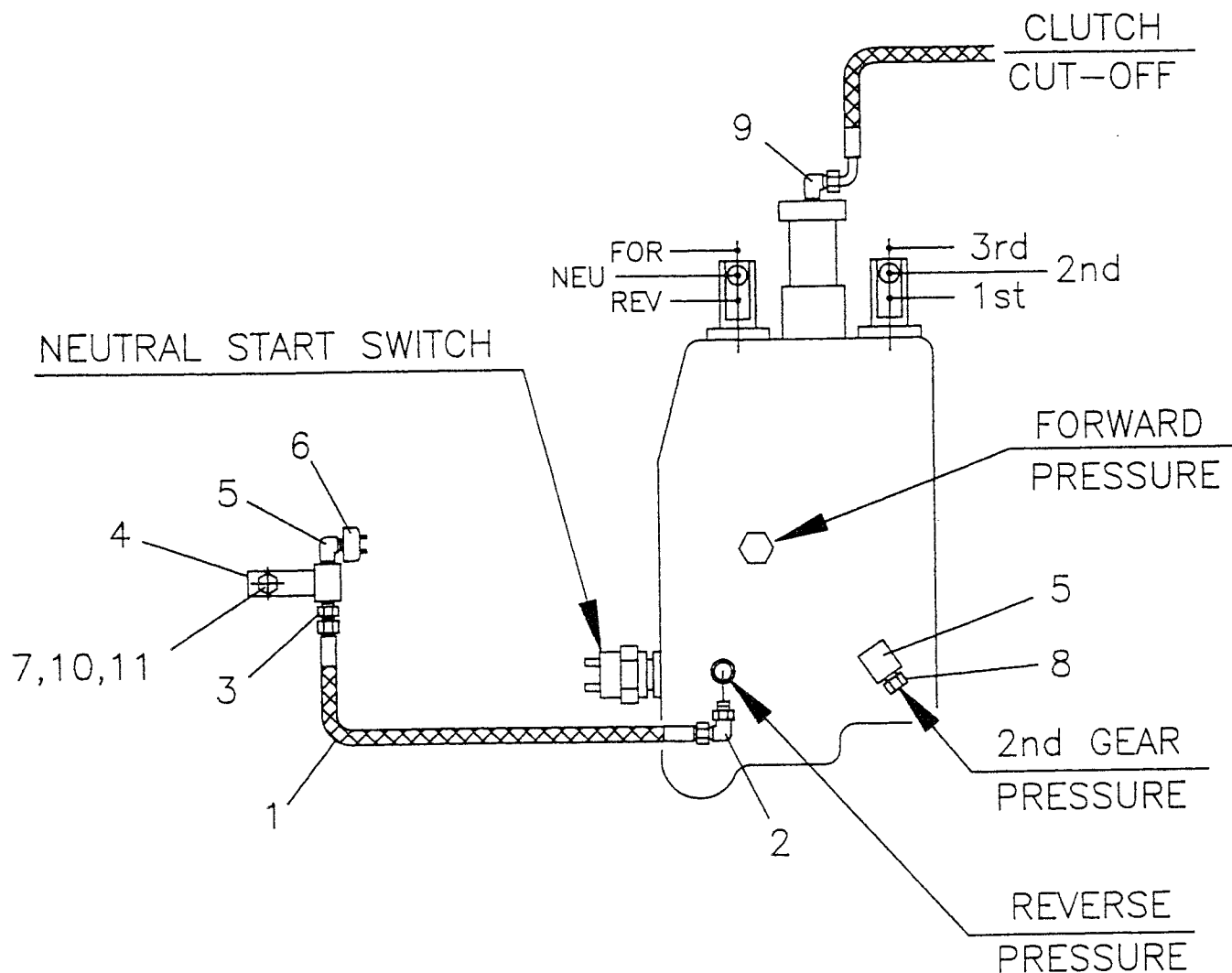
ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-04	VALVE / DUAL CHECK	REF
2	6-6453-04	FITTING / 06 OR x 04 JIC 90	2
3	6-6452-19	FITTING / 06 OR x 04 JIC 45	2
4	6-6454-06	FITTING / 08 OR x 08 JIC BR-TEE	2
5	6-6450-06	FITTING / 08 OR x 04 JIC STR	2
6	6-6453-09	FITTING / 08 OR x 08 JIC 90	2
7	7-316-01	CYLINDER / SWAY	REF
8	6-7002-74	HOSE / 04 x 04 x 37 LG.	4
9	6-7004-44	HOSE / 08 x 08 x 22 LG.	2
10	6-7033-384	HOSE / 06 x 08-90 x 192 LG.	2
11	1-1092	RESTRICTOR FITTING	2
12	1-1093-2	RESTRICTOR PLUG (.060)	2
13	6-6452-03	FITTING / 06 OR x 06 JIC 45	REF
14	6-6211-05	LOCKWASHER 5/16	4
15	6-5205-14	CAPSCREW 5/16 NC x 1 3/4 LG.	4
16	7-273-27	CLAMP HALF SET / 3/8 TWIN HOSE	4
17	7-273-23	TOP PLATE / 3/8 HOSE CLAMP	4
18	6-5205-26	CAPSCREW 5/16 NC x 3 1/4 LG.	4
19	6-6481-05	FITTING / 06 JIC SW-RN-TEE	REF



ITEM	NUMBER	DESCRIPTION	REQD
1	6-7003-194	HOSE / 06 x 06 x 97 LG.	4
2	6-7024-370	HOSE / 08 x 08-90 x 185 LG.	1
3	6-7024-370	HOSE / 08 x 08-90 x 185 LG.	1
4	6-7003-40	HOSE / 06 x 06 x 20 LG.	2
5	6-6450-09	FITTING / 08 OR x 06 JIC STR.	4
6	6-6452-14	FITTING / 08 OR x 06 JIC 45	4
7	6-6453-07	FITTING / 08 OR x 06 JIC 90	2
8	6-6457-06	FITTING / 08 OR HEX HD PLUG	2
9	6-6450-12	FITTING / 08 OR x 08 JIC STR.	2
10	1-1108	RESTRICTOR FITTING	2
11	1-1093-3	RESTRICTOR PLUG (.081)	2
12	6-6481-06	FITTING / 08 JIC SW-RN-TEE	REF
13	6-6426-14	FITTING / 12 NPT x 08 JIC 45	1
14	6-5606-14	CAPSCREW SH 3/8 NC x 1 3/4 LG.	4
15	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4
16	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	4
17	6-6211-05	LOCKWASHER 5/16	4
18	7-234-78	MOTION VALVE / STABILIZER	2
19	7-316-12	CYLINDER / STABILIZER	REF
20	7-244-29	VALVE / 2 SECTION / STABILIZER	1
21	7-200-80	VALVE / 3 SECTION	REF
22	4-1443	OIL RESERVOIR	REF
23	6-9615-240	HOSE ARMOR 1.00 ID x 30 LG.	2
24	6-9615-80	HOSE ARMOR 1.00 ID x 10 LG.	2
25	6-6450-14	FITTING / 12 OR x 08 JIC STR	REF
26	7-244-27	DIN CONNECTOR	4
27	7-244-47	VALVE / SINGLE PILOT OPER. CHECK	2
28	7-273-25	CLAMP HALF SET / 1/2 TWIN HOSE	4
29	7-273-27	CLAMP HALF SET / 3/8 TWIN HOSE	6
30	6-5205-16	CAPSCREW 5/16 NC x 2 LG.	2
31	7-273-23	COVER PLATE / 3/8 HOSE CLAMP	6
32	6-5205-26	CAPSCREW 5/16 NC x 3 1/4 LG.	REF
33	7-244-48	STACKING KIT	2
34	6-5205-10	CAPSCREW 5/16 NC x 1 1/4 LG.	4

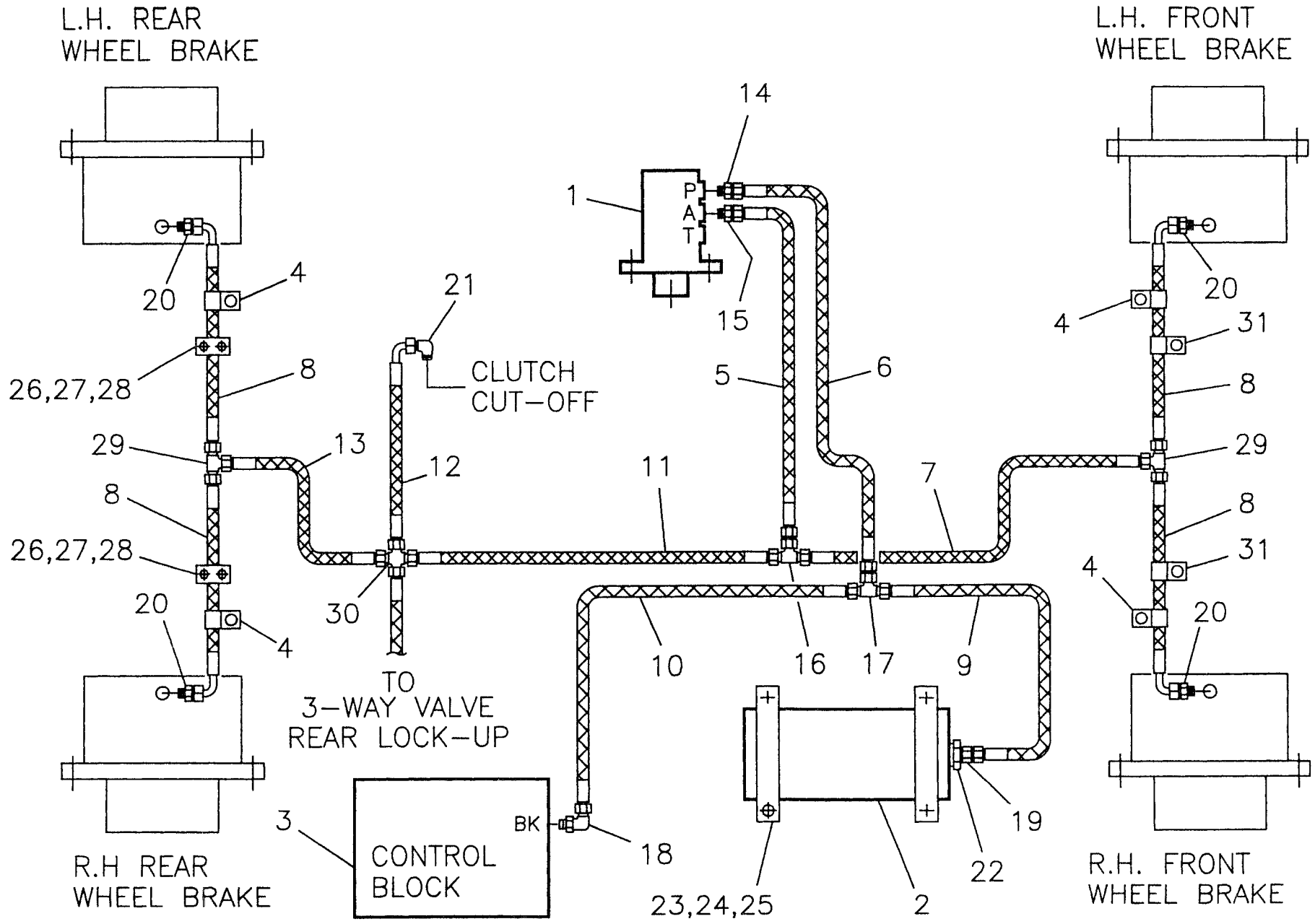


ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-63	VALVE / PILOT CHECK	4
2	7-234-62	CARTRIDGE / PILOT CHECK	REF
3	7-234-45	BODY	REF
4	7-234-65	VALVE / REDUCING-RELIEVING	1
5	7-234-64	CARTRIDGE / REDUCING-RELIEVING	REF
6	7-235-45	BODY	REF
7	7-304-02	VALVE / PILOT 3-WAY	2
8	7-316-01	CYLINDER / REAR LOCK-UP	REF
9	6-6453-04	FITTING / 06 OR x 04 JIC 90	21
10	6-6450-05	FITTING / 06 OR x 04 JIC STR	2
11	6-6481-03	FITTING / 04 JIC SW-RN-TEE	8
12	6-6450-08	FITTING / 06 OR x 06 JIC STR	2
13	6-6452-03	FITTING / 06 OR x 06 JIC 45	2
14	6-6452-03	FITTING / 06 OR x 06 JIC 45	1
15	6-6481-05	FITTING / 06 JIC SW-RN-TEE	1
16	6-7002-56	HOSE / 04 x 04 x 37 LG.	4
17	6-6426-10	FITTING / 08 NPT x 06 JIC 45	1
18	6-7002-22	HOSE / 04 x 04 x 11 LG.	3
19	6-7002-34	HOSE / 04 x 04 x 17 LG.	2
20	6-7002-42	HOSE / 04 x 04 x 21 LG.	2
21	6-7022-100	HOSE / 04 x 04-90 x 50 LG.	1
22	6-7022-62	HOSE / 04 x 04-90 x 31 LG.	1
23	6-7003-222	HOSE / 06 x 06 x 111 LG.	1
24	6-7002-62	HOSE / 04 x 04 x 31 LG.	1
25	6-7022-28	HOSE / 04 x 04-90 x 14 LG.	1
26	6-7003-40	HOSE / 06 x 06 x 20 LG.	2
27	6-7003-56	HOSE / 06 x 06 x 28 LG.	1
28	6-7002-100	HOSE / 04 x 04 x 50 LG.	1
29	6-7003-40	HOSE / 06 x 06 x 20 LG.	1
30	6-7002-34	HOSE / 04 x 04 x 17 LG.	1
31	6-6455-05	FITTING / 06 OR x 06 JIC RN-TEE	1
32	6-6481-05	FITTING / 06 JIC SW-RN-TEE	2
33	6-6453-06	FITTING / 06 OR x 06 JIC 90	2
34	6-7003-74	HOSE / 06 x 06 x 37 LG.	1
35	7-234-70	SHUTTLE VALVE	1
36	7-234-12	CARTRIDGE / SHUTTLE VALVE	REF
37	7-234-45	BODY	REF
38	6-6452-19	FITTING / 06 OR x 04 JIC 45	2
39	6-6483-05	FITTING / 06 JIC CROSS	REF
40	7-234-75	CONTROL BLOCK	REF

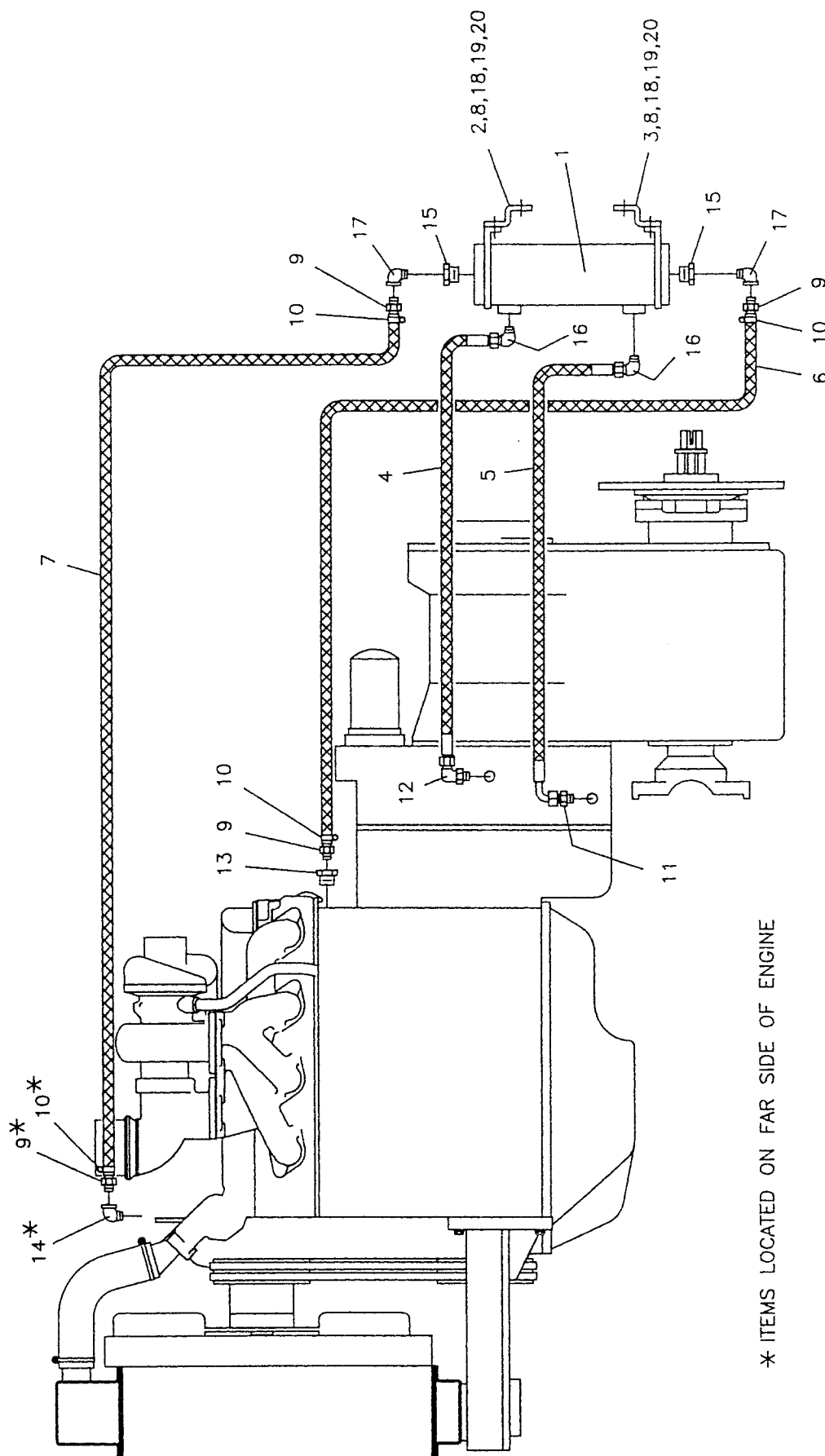


ITEM	NUMBER	DESCRIPTION	REQD
1	6-7002-42	HOSE / 04 x 04 x 21 LG.	1
2	6-6427-03	FITTING / 02 NPT x 04 JIC 90	1
3	6-6425-03	FITTING / 02 NPT x 04 JIC STR	1
4	1-1019	MOUNT	1
5	6-6422-01	FITTING / 02 x 02 NPT BRASS ELBOW	2
6	7-303-01	PRESSURE SWITCH	REF
7	6-5207-40	CAPSCREW 7/16 NC x 5 LG.	1
8	6-6409-01	FITTING / 02 NPT HEX HD PLUG	REF
9	6-6427-03	FITTING / 02 NPT x 04 JIC 90	REF
10	6-6211-07	LOCKWASHER 7/16	1
11	6-6212-06	FLATWASHER 3/8	1

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



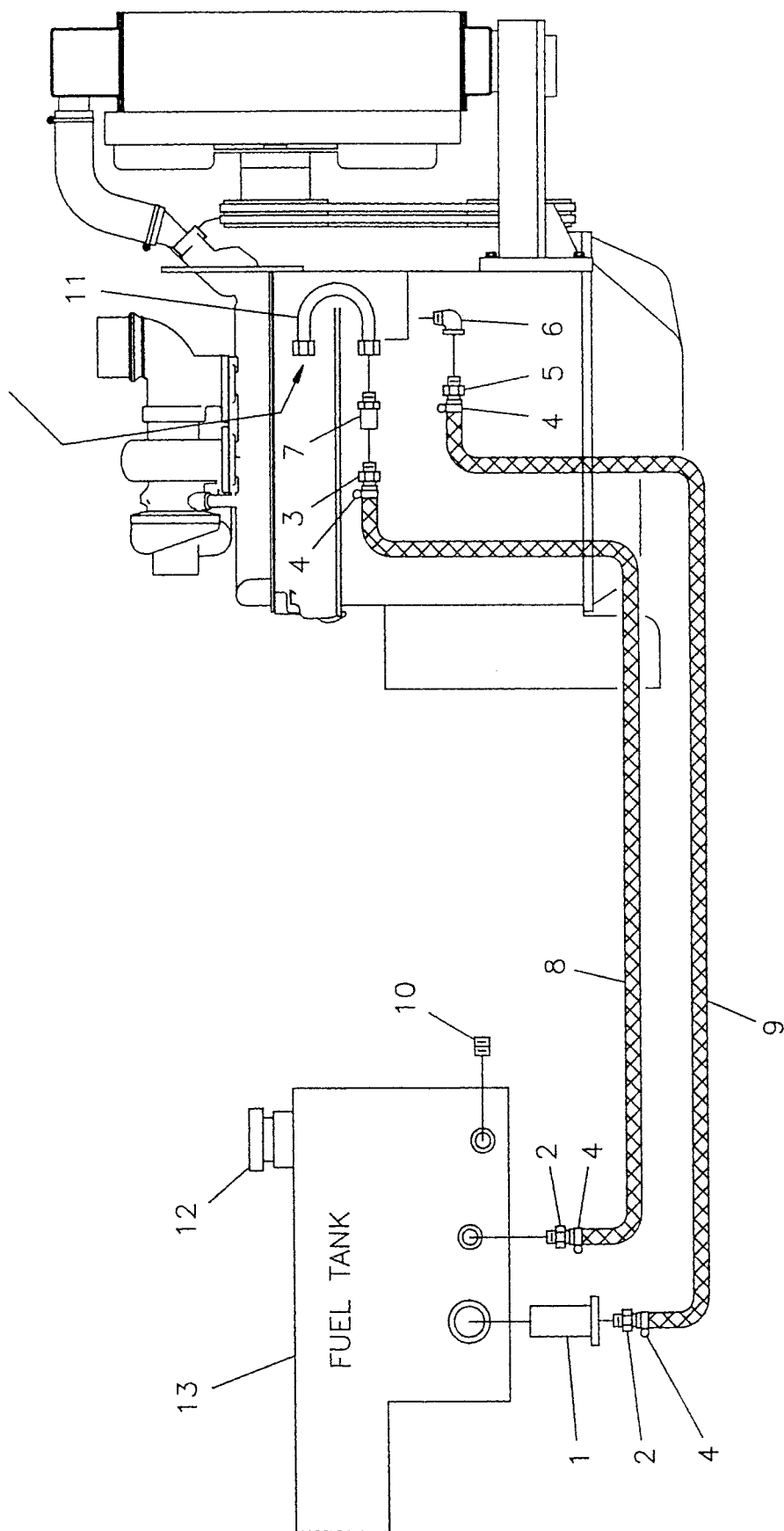
ITEM	NUMBER	DESCRIPTION	REQD
1	7-198-01	ACTUATOR / BRAKE	REF
2	7-256-25	ACCUMULATOR / BRAKE	REF
3	7-234-75	CONTROL BLOCK	REF
4	1-1025	CLAMP	4
5	6-7003-74	HOSE / 06 x 06 x 37 LG.	1
6	6-7002-74	HOSE / 04 x 04 x 37 LG.	1
7	6-7003-120	HOSE / 06 x 06 x 60 LG.	1
8	6-7042-94	HOSE / 06 x 04-90 x 47 LG.	4
9	6-7002-22	HOSE / 04 x 04 x 11 LG.	1
10	6-7002-330	HOSE / 04 x 04 x 165 LG.	1
11	6-7003-100	HOSE / 06 x 06 x 50 LG.	1
12	6-7042-37	HOSE / 06 x 04-90 x 18.5 LG.	1
13	6-7003-100	HOSE / 06 x 06 x 50 LG.	1
14	6-6450-06	FITTING / 08 OR x 04 JIC STR	1
15	6-6450-09	FITTING / 08 OR x 06 JIC STR	1
16	6-6478-05	FITTING / 06 JIC BH-BR-TEE	1
17	6-6478-03	FITTING / 04 JIC BH-BR-TEE	1
18	6-6453-04	FITTING / 06 OR x 04 JIC 90	1
19	6-6425-03	FITTING / 02 NPT x 04 JIC STR	1
20	7-229-217	FITTING / WITH AXLE	REF
21	6-6427-03	FITTING / 02 NPT x 04 JIC 90	1
22	1-2014	FITTING / 20 OR x 02 NPT REDUCER	1
23	3-1150-2	CLAMP / ACCUMULATOR	2
24	6-5205-40	CAPSCREW 5/16 NC x 5 LG.	4
25	6-6211-05	LOCKWASHER 5/16	4
26	7-273-18	CLAMP HALF SET / 1/4 SINGLE HOSE	2
27	7-273-20	TOP PLATE / 1/4 HOSE CLAMP	2
28	6-5204-12	CAPSCREW 1/4 NC x 1 1/2 LG.	4
29	6-6482-05	FITTING / 06 JIC TEE	2
30	6-6483-05	FITTING / 06 JIC CROSS	1
31	1-1115	CLAMP	2



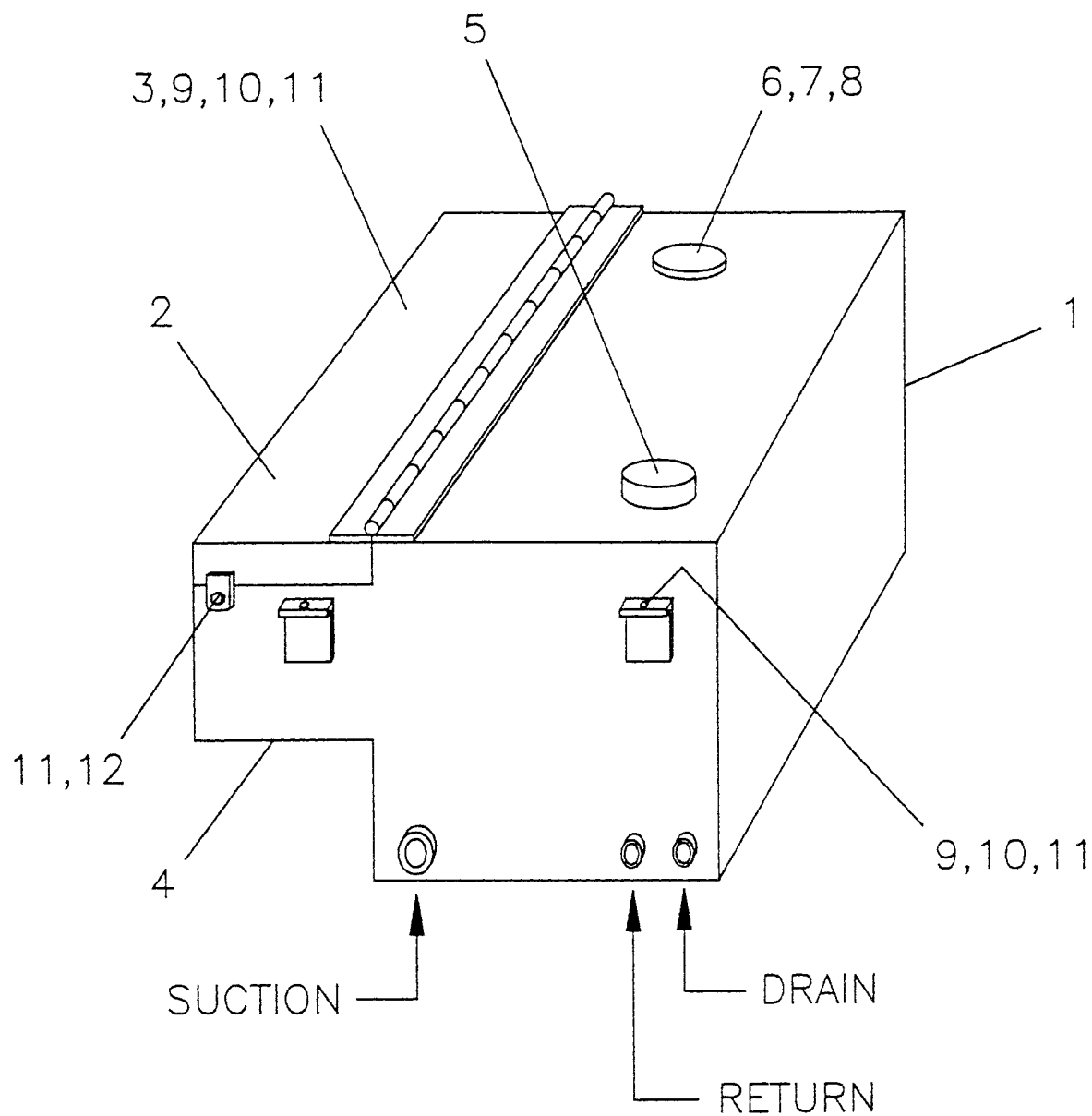
* ITEMS LOCATED ON FAR SIDE OF ENGINE

ITEM	NUMBER	DESCRIPTION	REQD
1	7-236-07	OIL COOLER	1
2	3-1205-1	MOUNT / OIL COOLER / RH	1
3	3-1205-2	MOUNT / OIL COOLER / LH	1
4	6-7006-58	HOSE / 12 x 12 x 29 LG.	1
5	6-7026-52	HOSE / 12 x 12-90 x 26 LG.	1
6	6-9611-272	HOSE-HEATER 3/4 x 34 LG.	1
7	6-9611-704	HOSE-HEATER 3/4 x 88 LG.	1
8	6-6212-05	FLATWASHER 5/16	4
9	6-6423-18	HOSE END / 12-8 MALE PIPE	4
10	6-6452-04	HOSE CLAMP / NO.12	4
11	6-6450-20	FITTING / 12 OR x 12 JIC STR	1
12	6-6453-15	FITTING / 12 OR x 12 JIC 90	1
13	6-6406-11	FITTING / NPT REDUCER 1 x 1/2	1
14	6-6437-04	FITTING / 08 NPT ST-ELBOW BLK-P	1
15	6-6406-07	FITTING / NPT REDUCER 3/4 x 1/2	2
16	6-6427-18	FITTING / 12 NPT x 12 JIC 90	2
17	6-6437-04	FITTING / 08 NPT ST-ELBOW BLK-P	2
18	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	4
19	6-6211-05	LOCKWASHER 5/16	4
20	6-6201-05	HEX NUT 5/16 NC	4

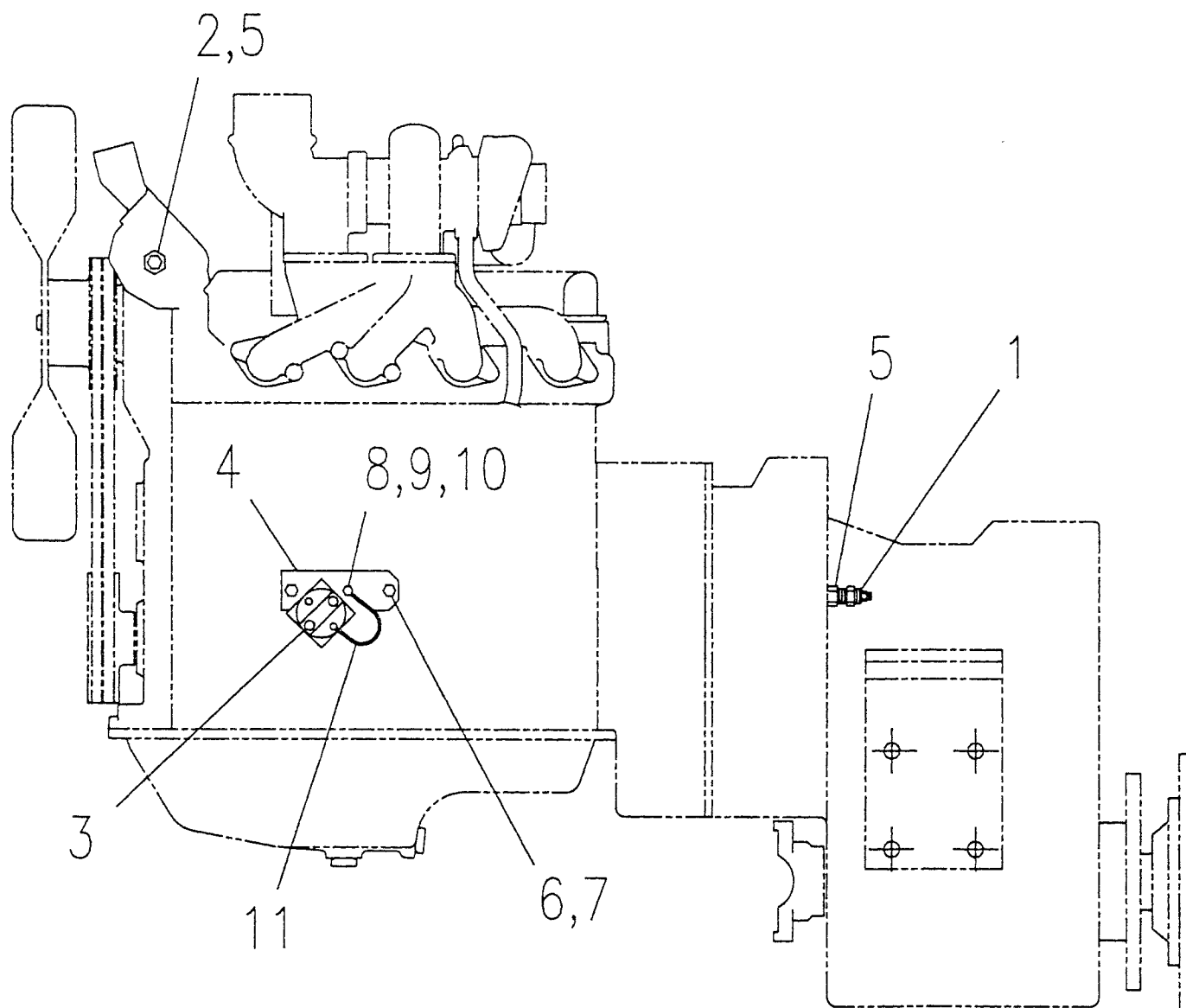
TO ENGINE FUEL RETURN LINE



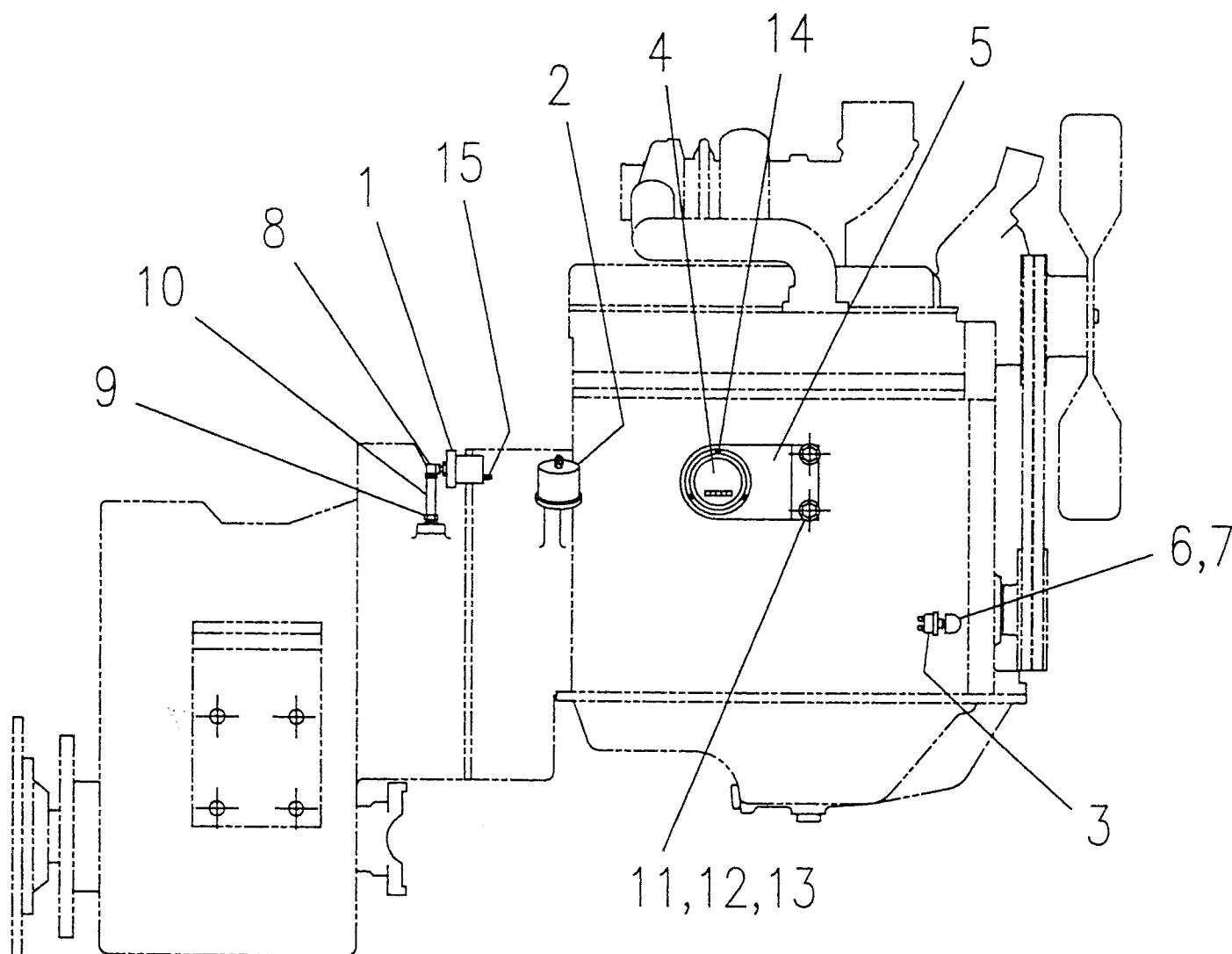
ITEM	NUMBER	DESCRIPTION	REQD
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1	7-272-05	FUEL STRAINER	1
2	6-6423-10	FITTING / 08 x 06 BRASS HOSE END	2
3	6-6423-08	FITTING / 04 x 06 BRASS HOSE END	1
4	6-6252-01	HOSE CLAMP / NO.6	4
5	6-6423-07	FITTING / 02 x 06 BRASS HOSE END	1
6	6-6422-01	FITTING / 02 x 02 NPT BRASS ELBOW	1
7	6-6424-05	FITTING / 04 x 04 BRASS TUBE END	1
8	6-9605-640	HOSE-FUEL 3/8 x 80 LG.	1
9	6-9605-544	HOSE-FUEL 3/8 x 68 LG.	1
10	6-6408-06	FITTING / NPT FLUSH PLUG 3/4	1
11	1-1034	TUBE / FUEL LINE	1
12	7-264-01	FILLER CAP / FUEL	REF
13	4-1444	FUEL TANK / BATTERY BOX	REF



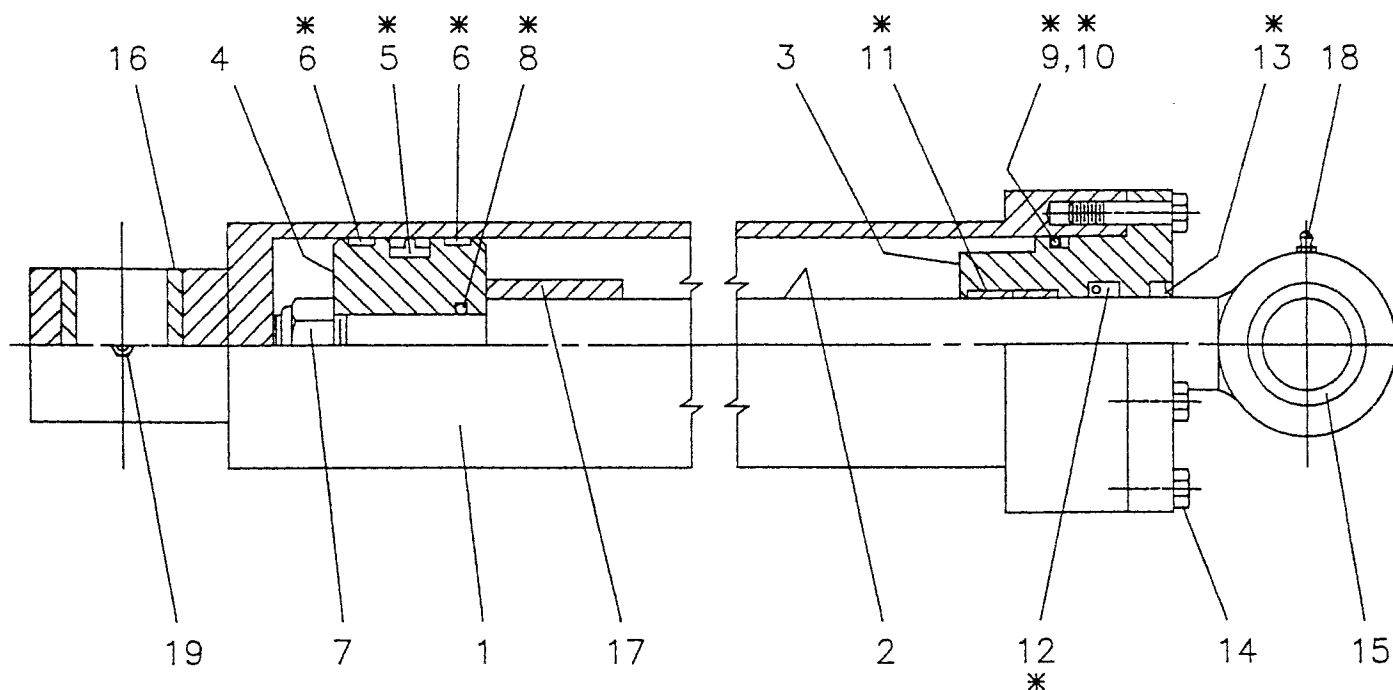
ITEM	NUMBER	DESCRIPTION	REQD
1	4-1444	FUEL TANK / BATTERY BOX	1
2	1-1095	PLYWOOD PAD / BATTERY BOX	1
3	1-1096	HOLD DOWN / BATTERY	1
4	7-194-09	GROMMET / BATTERY BOX	2
5	7-264-01	FILLER CAP / FUEL	1
6	7-172-03	SENDER / FUEL GAUGE	REF
7	7-172-15	GASKET / FUEL SENDER	1
8	6-6284-07	MACHINE SCREW 10-32 x 1/2 LG.	5
9	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	6
10	6-6212-06	FLATWASHER 3/8	14
11	6-6211-06	LOCKWASHER 3/8	7
12	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	1



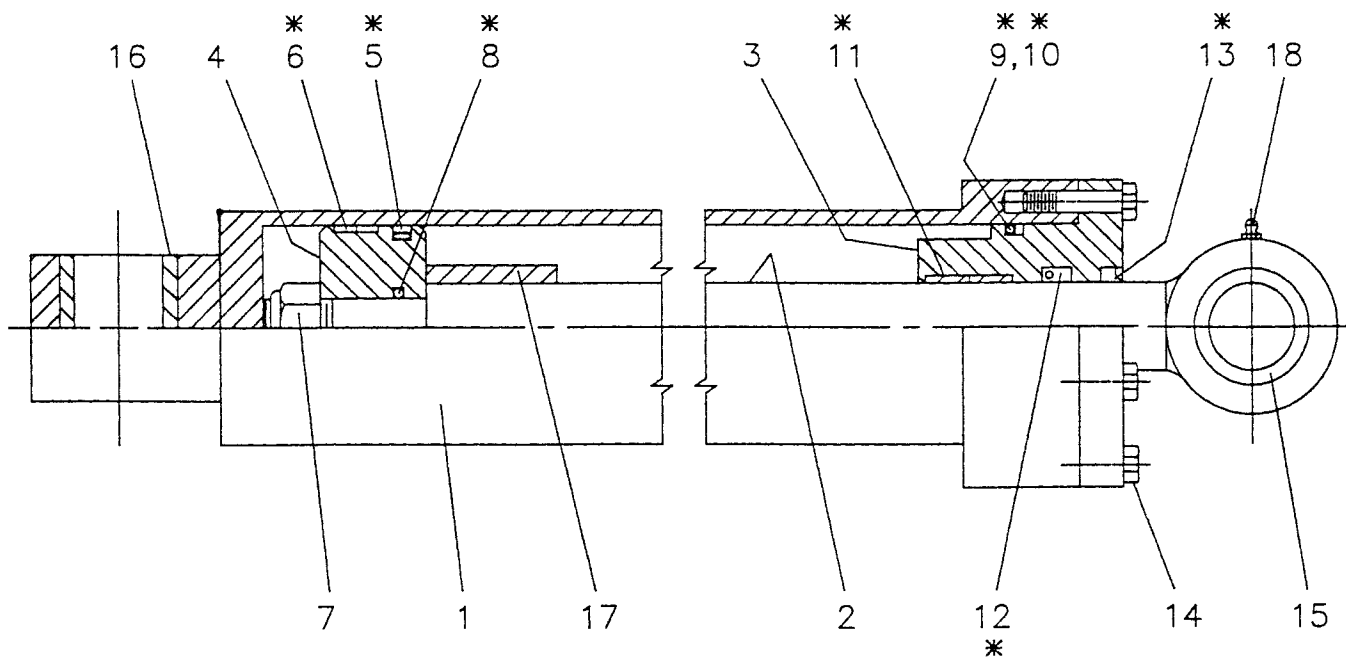
ITEM	NUMBER	DESCRIPTION	REQD
1	7-172-07	SENDER / TRANS. OIL TEMP.	REF
2	7-172-09	SENDER / ENGINE WATER TEMP.	REF
3	7-183-18	RELAY / STARTER	REF
4	1-1024	MOUNT / STARTER RELAY	1
5	6-6406-04	FITTING / NPT REDUCER 1/2 x 3/8	2
6	6-5209-08	CAPSCREW 9/16 NC x 1 LG.	1
7	6-6211-09	LOCKWASHER 9/16	1
8	6-5204-04	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



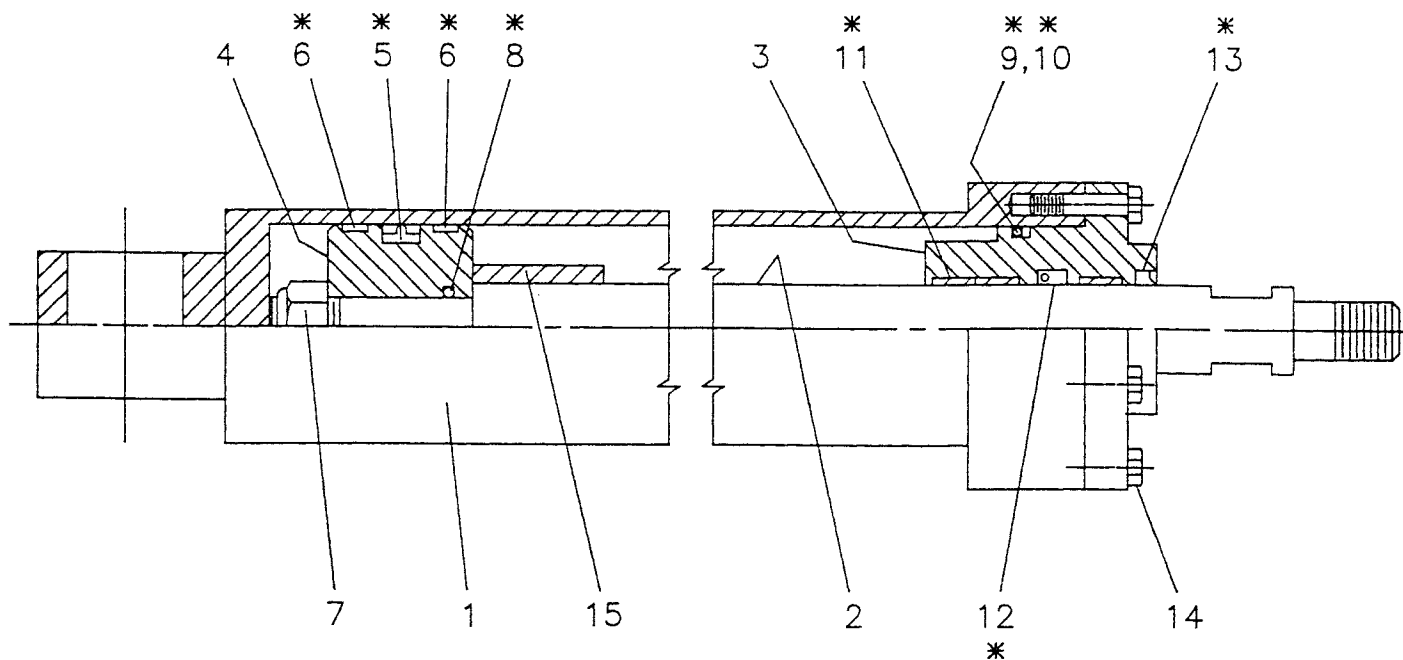
ITEM	NUMBER	DESCRIPTION	REQD
1	7-258-05	SENDER / TRAN. OIL PRESSURE	REF
2	7-172-05	SENDER / ENGINE OIL PRESSURE	REF
3	7-231-02	PRESSURE SWITCH / HOURMETER	REF
4	7-172-01	HOURMETER	REF
5	1-1022	MOUNT / HOURMETER	1
6	6-6422-01	FITTING / 02 x 02 NPT BRASS ELBOW	1
7	6-6406-03	FITTING / NPT REDUCER 3/8 x 1/8	1
8	6-6404-01	FITTING / 02 NPT ELBOW	1
9	6-6406-01	FITTING / NPT REDUCER 1/4 x 1/8	1
10	6-6410-03	FITTING / 1/8 PIPE NIPPLE	1
11	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	2
12	6-6211-06	LOCKWASHER 3/8	2
13	6-6212-06	FLATWASHER 3/8	2
14	6-6284-02	MACHINE SCREW 8-32 x 1/2 LG.	3
15	6-6286-06	HEX NUT 10-32	1



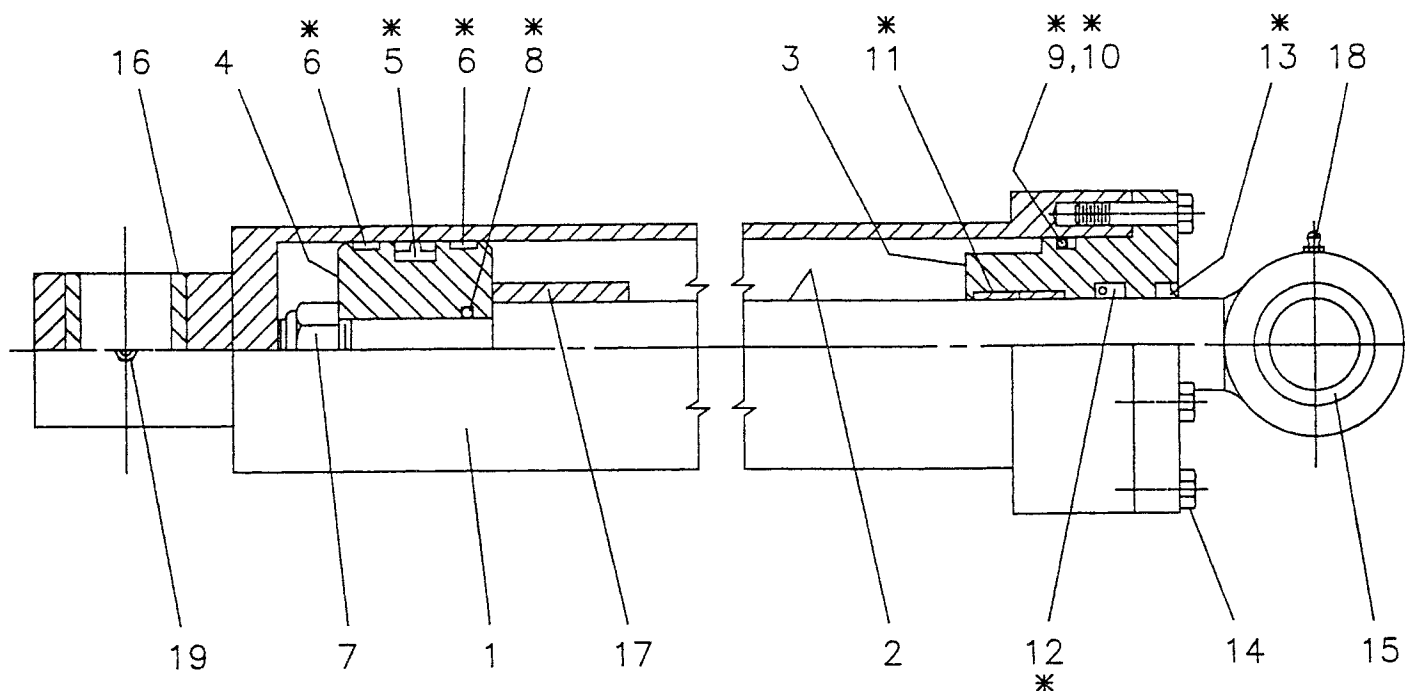
ITEM	NUMBER	DESCRIPTION	REQD
1	7-316-139	TUBE WELDMENT	1
2	7-316-127	SHAFT	1
3	7-316-98	HEAD	1
4	7-316-111	PISTON	1
5	7-316-54	SEAL / PISTON (*)	1
6	7-316-65	WEAR RING / PISTON (*)	2
7	7-316-73	SELF-LOCKING NUT	1
8	7-316-80	O-RING / STUB SHAFT (*)	1
9	7-316-81	O-RING / HEAD (*)	1
10	7-316-82	BACK-UP RING / HEAD (*)	1
11	7-316-39	WEAR RING / HEAD (*)	2
12	7-316-20	SEAL / SHAFT (*)	1
13	7-316-38	WIPER / SHAFT (*)	1
14	7-316-96	CAPSCREW 1/2	8
15	7-316-155	BRONZE BUSHING / Ref 6-4520-32	1
16	7-316-156	BRONZE BUSHING / Ref 6-4516-24	1
17	7-316-153	SPACER	1
18	7-316-150	LUBE FITTING	1
19	7-316-150	LUBE FITTING	1
20			
21	7-900-34	SEAL KIT / ITEMS MARKED (*)	REF



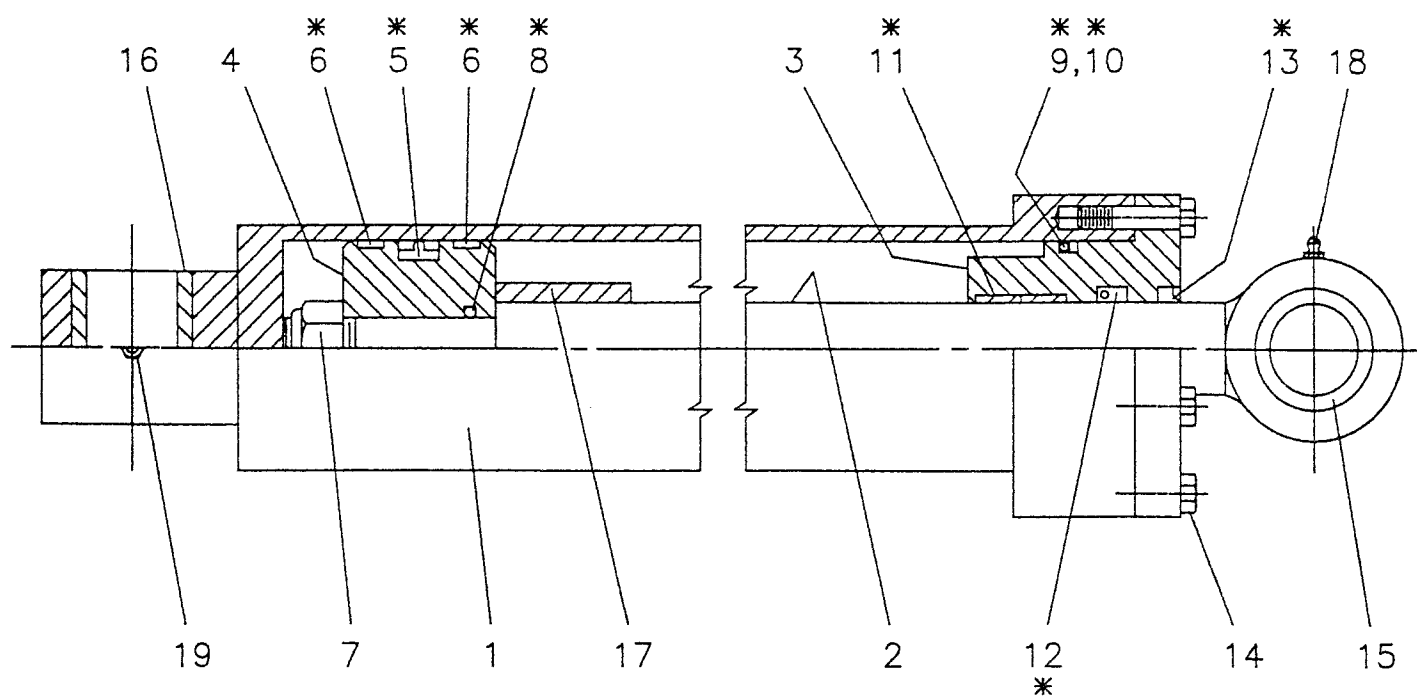
ITEM	NUMBER	DESCRIPTION	REQD
1	7-316-168	TUBE WELDMENT	1
2	7-316-167	SHAFT	1
3	7-316-102	HEAD	1
4	7-316-112	PISTON	1
5	7-316-59	SEAL / PISTON (*)	1
6	7-316-68	WEAR RING / PISTON (*)	1
7	7-316-73	SELF-LOCKING NUT	1
8	7-316-80	O-RING / STUB SHAFT (*)	1
9	7-316-83	O-RING / HEAD (*)	1
10	7-316-84	BACK-UP RING / HEAD (*)	1
11	7-316-45	WEAR RING / HEAD (*)	2
12	7-316-29	SEAL / SHAFT (*)	1
13	7-316-35	WIPER / SHAFT (*)	1
14	7-316-96	CAPSCREW 1/2	12
15	7-316-156	BRONZE BUSHING / Ref 6-4516-24	1
16	7-316-156	BRONZE BUSHING / Ref 6-4516-24	1
17	7-316-166	SPACER	1
18	7-316-150	LUBE FITTING / SHAFT END	1
19			
20	7-900-22	SEAL KIT / ITEMS MARKED (*)	REF



ITEM	NUMBER	DESCRIPTION	REQD
1	7-316-128	TUBE WELDMENT	1
2	7-316-115	SHAFT	1
3	7-316-107	HEAD	1
4	7-316-111	PISTON	1
5	7-316-54	SEAL / PISTON (*)	1
6	7-316-65	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	7-316-50	WEAR RING / HEAD (*)	3
12	7-316-30	SEAL / SHAFT (*)	1
13	7-316-36	WIPER / SHAFT (*)	1
14	7-316-97	CAPSCREW 1/2	6
15	7-316-152	SPACER	1
16			
17	7-900-33	SEAL KIT / ITEMS MARKED (*)	REF



ITEM	NUMBER	DESCRIPTION	REQD
1	7-316-130	TUBE WELDMENT	1
2	7-316-120	SHAFT	1
3	7-316-100	HEAD	1
4	7-316-110	PISTON	1
5	7-316-52	SEAL / PISTON (*)	1
6	7-316-63	WEAR RING / PISTON (*)	2
7	7-316-72	SELF-LOCKING NUT	1
8	7-316-77	O-RING / STUB SHAFT (*)	1
9	7-316-78	O-RING / HEAD (*)	1
10	7-316-79	BACK-UP RING / HEAD (*)	1
11	7-316-42	WEAR RING / HEAD (*)	2
12	7-316-22	SEAL / SHAFT (*)	1
13	7-316-32	WIPER / SHAFT (*)	1
14	7-316-95	CAPSCREW 7/16	6
15	7-316-154	BRONZE BUSHING / Ref 6-4512-16	1
16	7-316-154	BRONZE BUSHING / Ref 6-4512-16	1
17	7-316-140	SPACER	1
18	7-316-150	LUBE FITTING	1
19	7-316-150	LUBE FITTING	1
20			
21	7-900-20	SEAL KIT / ITEMS MARKED (*)	REF

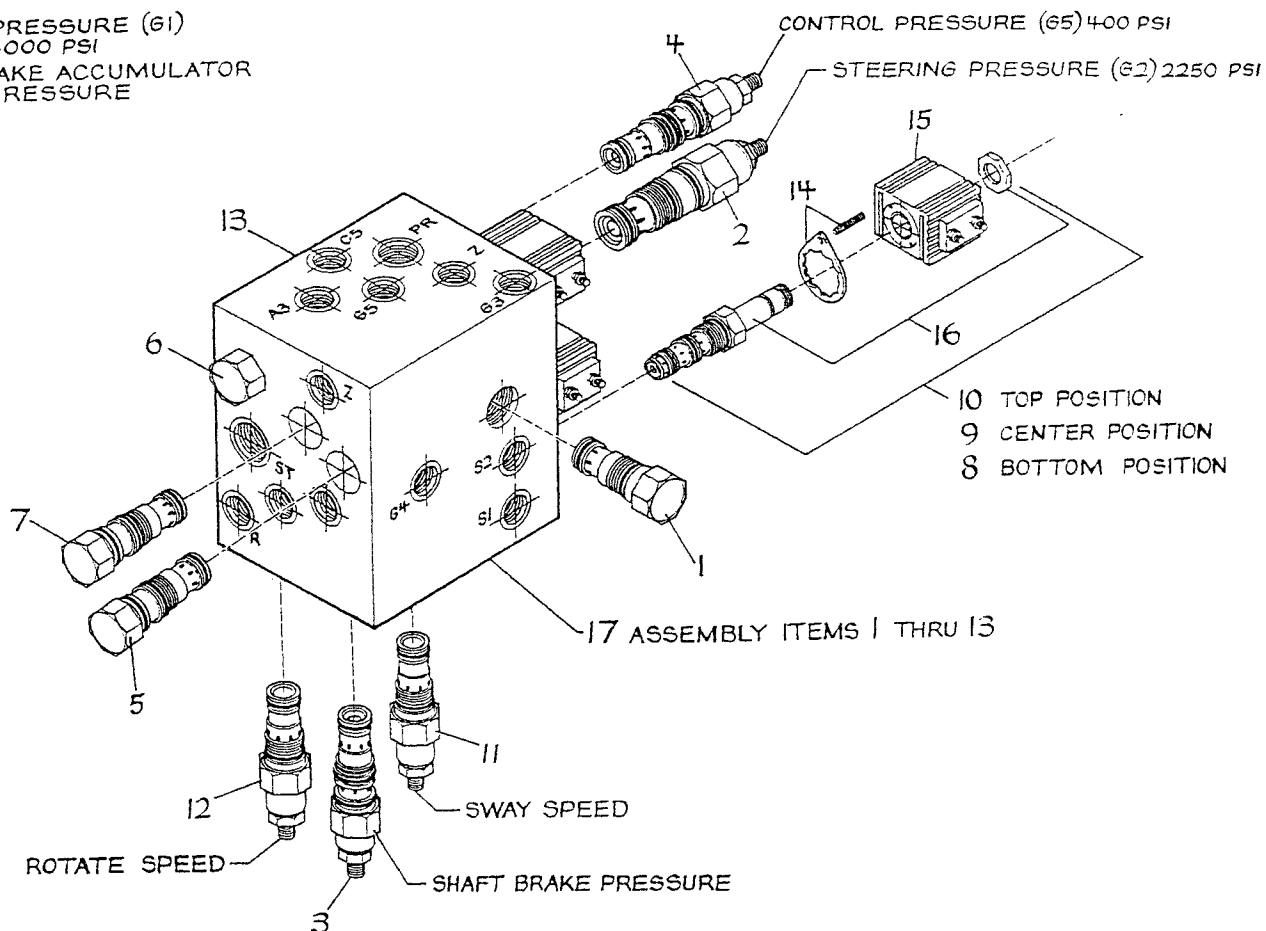


ITEM	NUMBER	DESCRIPTION	REQD
1	7-316-162	TUBE WELDMENT	1
2	7-316-163	SHAFT	1
3	7-316-94	HEAD	1
4	7-316-108	PISTON	1
5	7-316-53	SEAL / PISTON (*)	1
6	7-316-64	WEAR RING / PISTON (*)	2
7	7-316-74	SELF LOCKING NUT	1
8	7-316-87	O-RING / PISTON (*)	1
9	7-316-85	O-RING / HEAD (*)	1
10	7-316-86	BACK-UP RING / HEAD (*)	1
11	7-316-43	WEAR RING / HEAD (*)	1
12	7-316-19	SEAL / SHAFT (*)	1
13	7-316-33	WIPER / SHAFT (*)	1
14	7-316-95	CAPSCREW 7/16	8
15	7-316-161	BRONZE BUSHING / Ref 6-4512-24	1
16	7-316-161	BRONZE BUSHING / Ref 6-4512-24	1
17	7-316-164	SPACER	1
18	7-316-150	LUBE FITTING	1
19	7-316-150	LUBE FITTING	1
20			
21	7-900-35	SEAL KIT / ITEMS MARKED (*)	REF

REF:

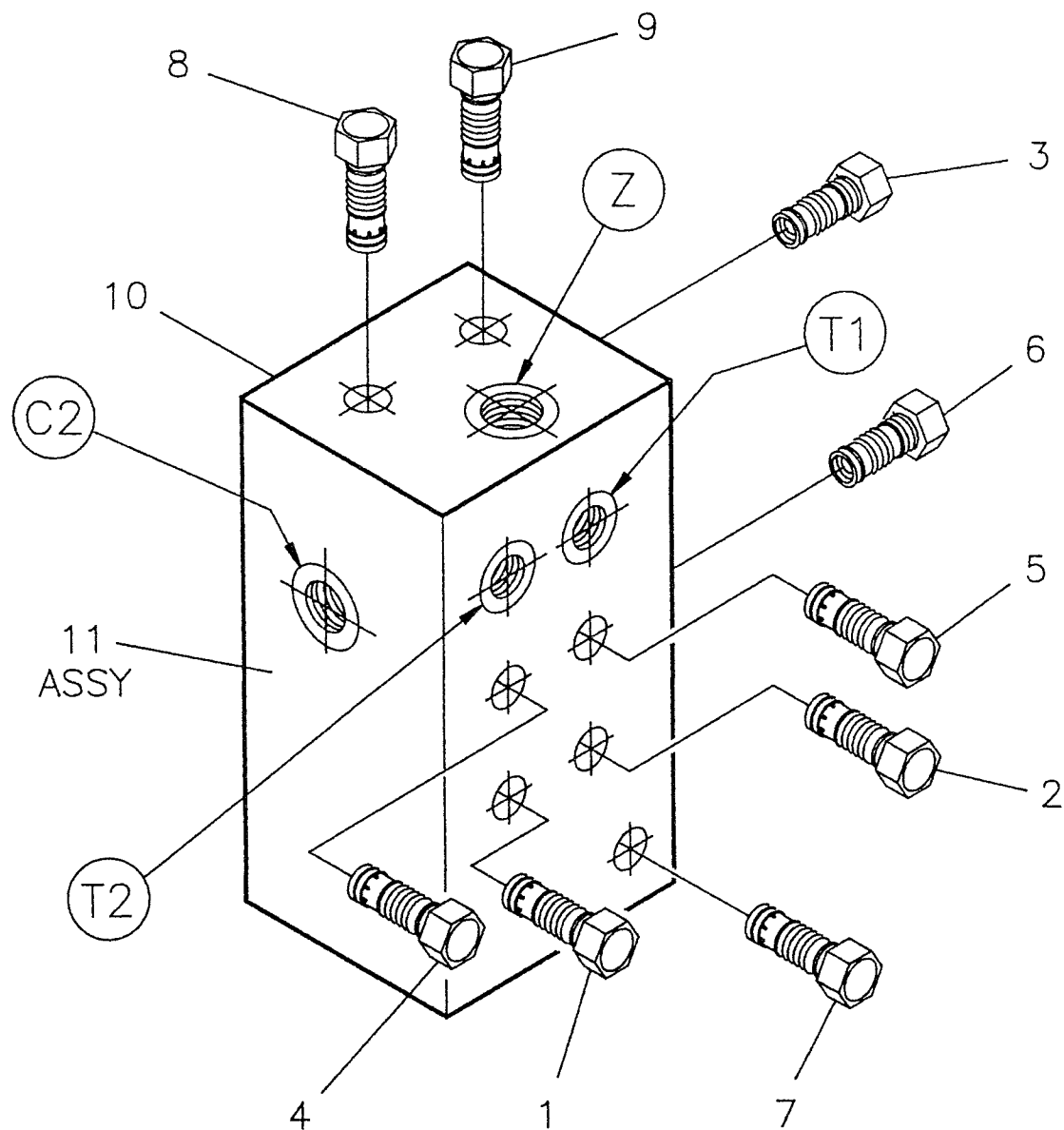
PUMP PRESSURE (61)
3000 PSI

(63) BRAKE ACCUMULATOR
PRESSURE



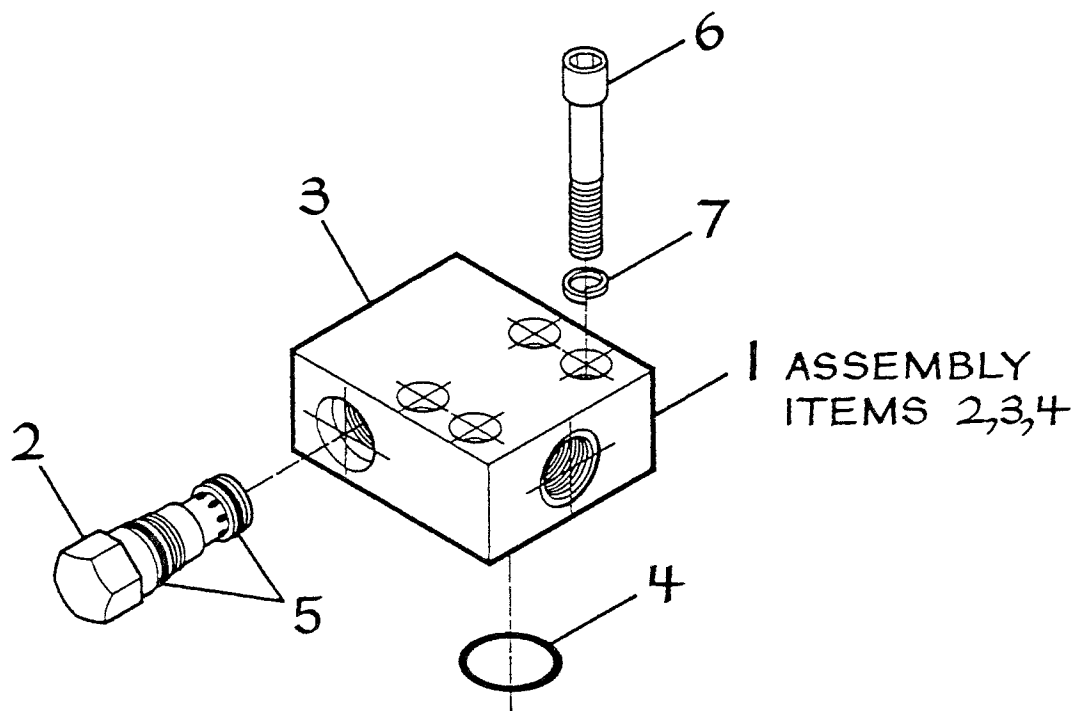
NUMBERS IN () CORRESPOND TO
ITEMS ON P4-1456 HYD. SCHEMATIC

ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-16	CARTRIDGE / CHECK (65)	1
2	7-234-15	CARTRIDGE / REDUCING (66)	1
3	7-234-28	CARTRIDGE / REDUC.-RELIEVING (67)	1
4	7-234-13	CARTRIDGE / REDUC.-RELIEVING (68)	1
5	7-234-10	CARTRIDGE / NORMALLY CLOSED (69)	1
6	7-234-10	CARTRIDGE / NORMALLY CLOSED (70)	1
7	7-234-11	CARTRIDGE / NORMALLY OPEN (71)	1
8	7-244-14	SOLENOID CARTRIDGE ASSEMBLY (72)	1
9	7-244-14	SOLENOID CARTRIDGE ASSEMBLY (73)	1
10	7-244-14	SOLENOID CARTRIDGE ASSEMBLY (74)	1
11	7-234-17	CARTRIDGE / NEEDLE (75)	1
12	7-234-37	CARTRIDGE / NEEDLE (40)	1
13	7-234-27	BODY	1
14	7-234-34	LOCK KIT	3
15	7-244-12	COIL / HEAVY DUTY	3
16	7-244-03	CARTRIDGE / ELECTRIC	3
17	7-234-75	CONTROL BLOCK ASSEMBLY	1

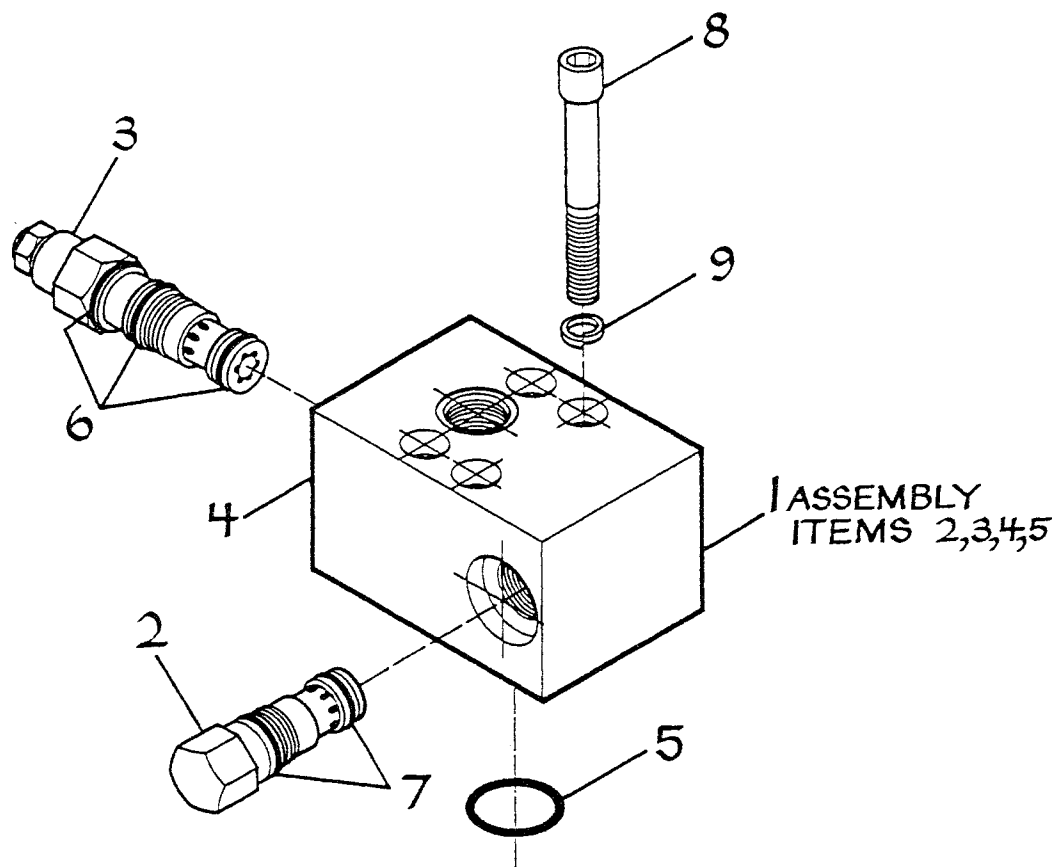


NUMBERS IN () CORRESPOND TO
ITEMS ON P4-1456 HYD. SCHEMATIC

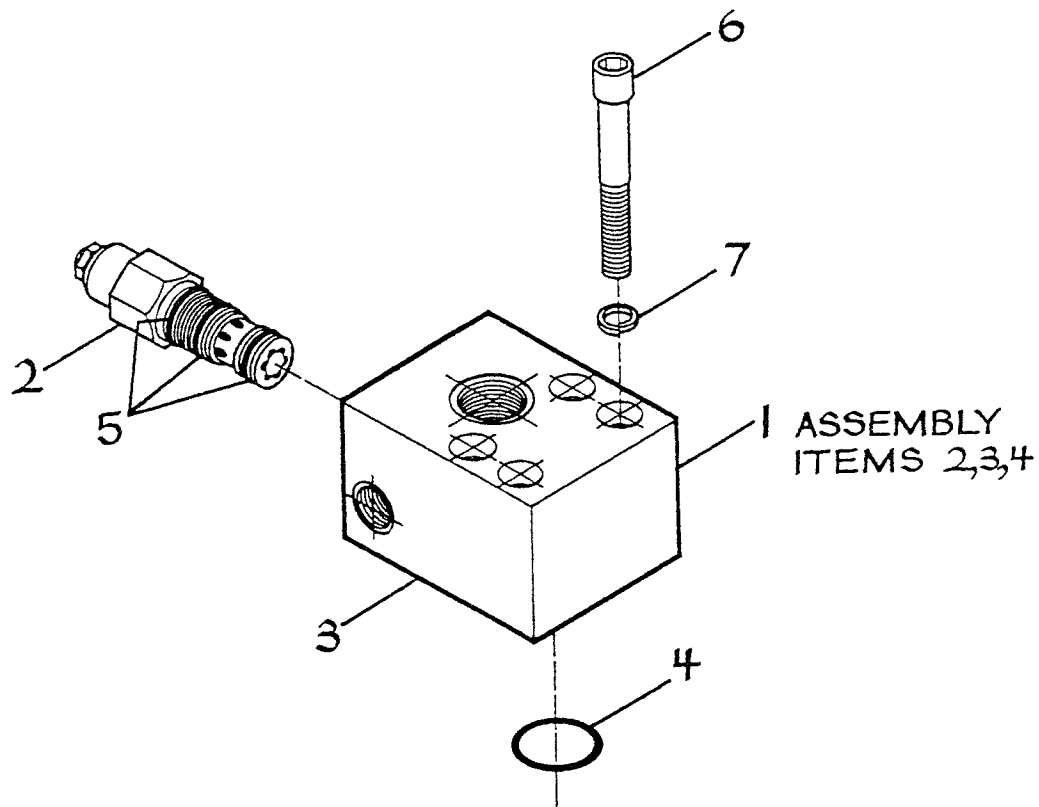
ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-10	CARTRIDGE / NORMALLY CLOSED (56)	1
2	7-234-10	CARTRIDGE / NORMALLY CLOSED (57)	1
3	7-234-10	CARTRIDGE / NORMALLY CLOSED (58)	1
4	7-234-11	CARTRIDGE / NORMALLY OPEN (59)	1
5	7-234-11	CARTRIDGE / NORMALLY OPEN (60)	1
6	7-234-11	CARTRIDGE / NORMALLY OPEN (61)	1
7	7-234-12	CARTRIDGE / SHUTTLE (62)	1
8	7-234-18	CARTRIDGE / PILOT CHECK (63)	1
9	7-234-18	CARTRIDGE / PILOT CHECK (64)	1
10	7-234-26	BODY	1
11	7-234-07	LOGIC BLOCK ASSEMBLY	1



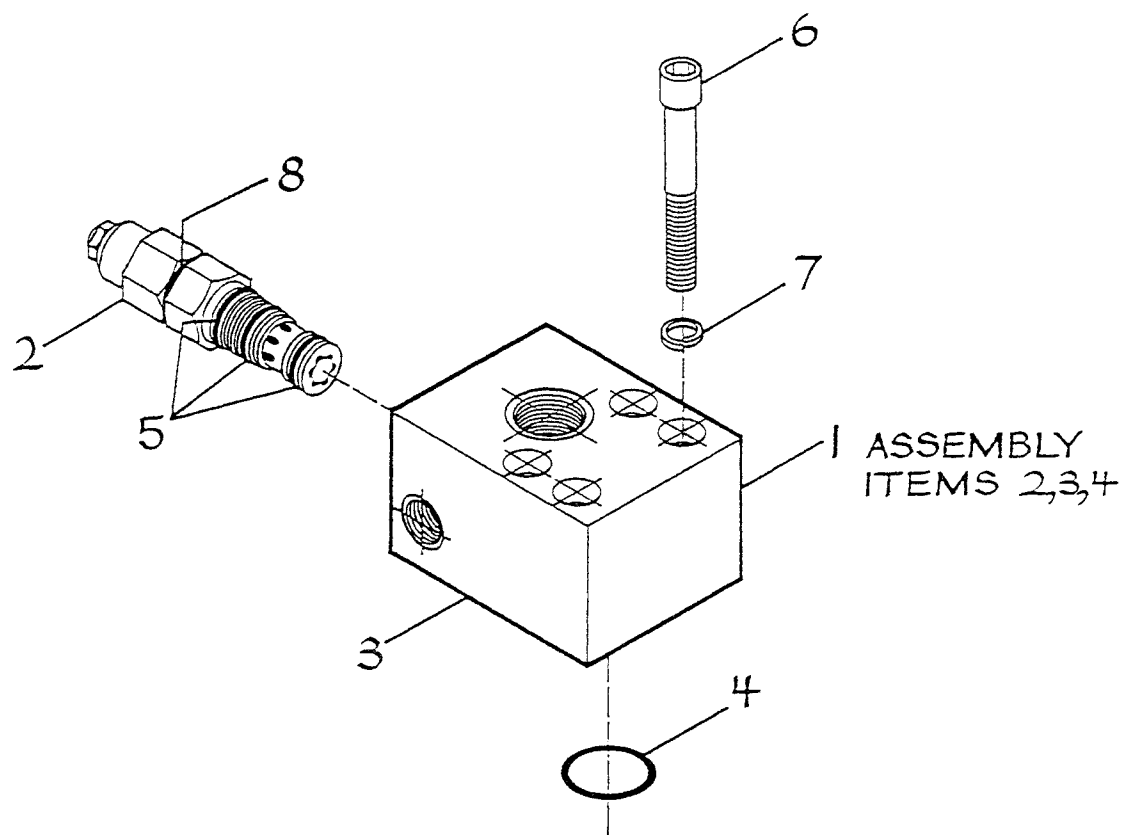
ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-02	MOTION VALVE ASSEMBLY	1
2	7-234-16	CARTRIDGE / CHECK	1
3	7-234-24	BODY	1
4	7-234-32	O-RING	1
5	7-234-31	SEAL KIT	1
6	6-5606-14	CAPSCREW SH 3/8 NC x 1 3/4 LG.	4
7	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4



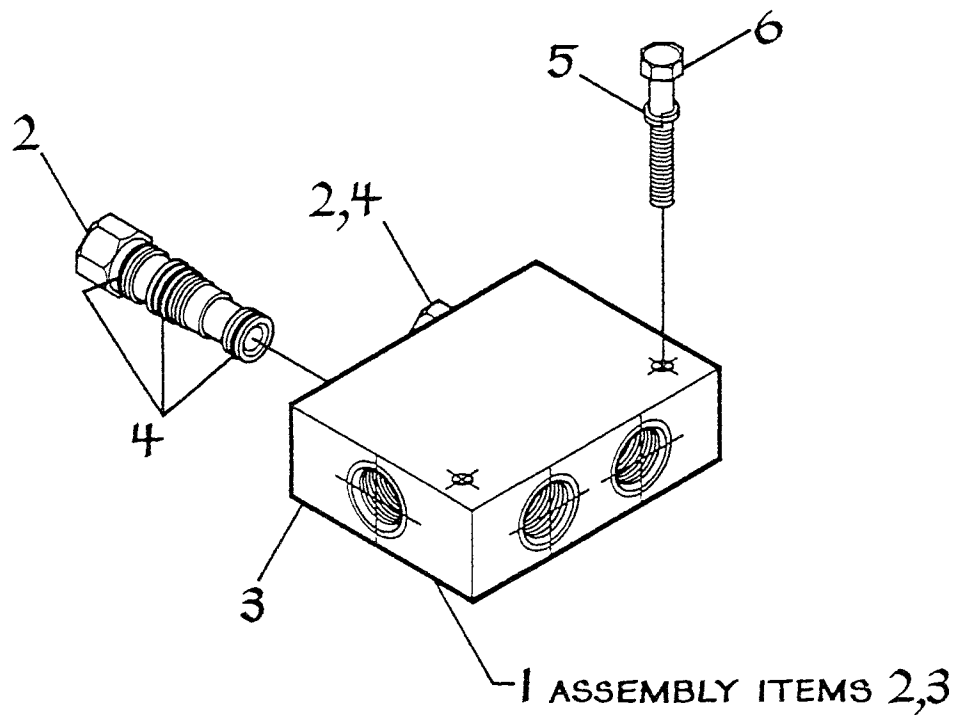
ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-01	MOTION VALVE ASSEMBLY	1
2	7-234-16	CARTRIDGE / CHECK	1
3	7-234-19	CARTRIDGE / COUNTERBALANCE	1
4	7-234-25	BODY	1
5	7-234-32	O-RING	1
6	7-234-29	SEAL KIT	1
7	7-234-31	SEAL KIT	1
8	6-5606-22	CAPSCREW SH 3/8 NC x 2 3/4 LG.	4
9	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4



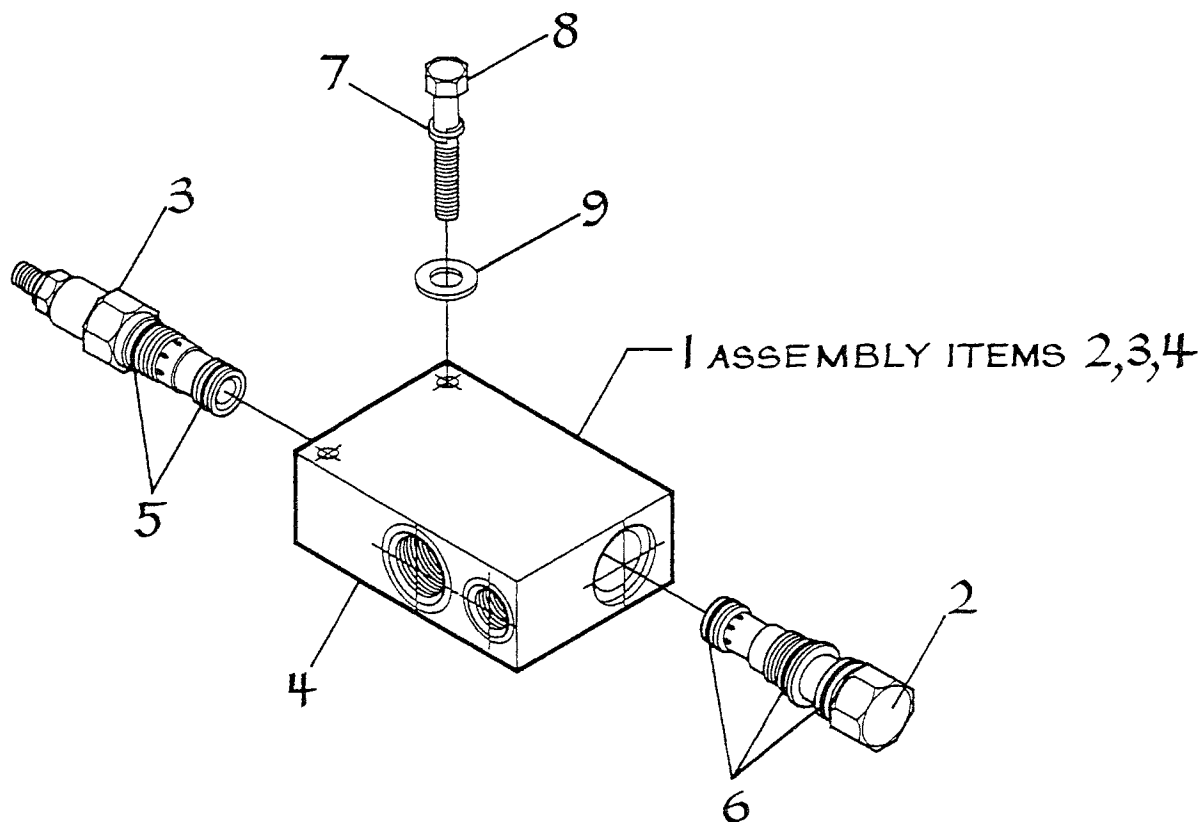
ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-03	MOTION VALVE ASSEMBLY	1
2	7-234-22	CARTRIDGE / COUNTERBALANCE	1
3	7-234-23	BODY	1
4	7-234-32	O-RING	1
5	7-234-30	SEAL KIT	1
6	6-5606-22	CAPSCREW SH 3/8 NC x 2 3/4 LG.	4
7	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4



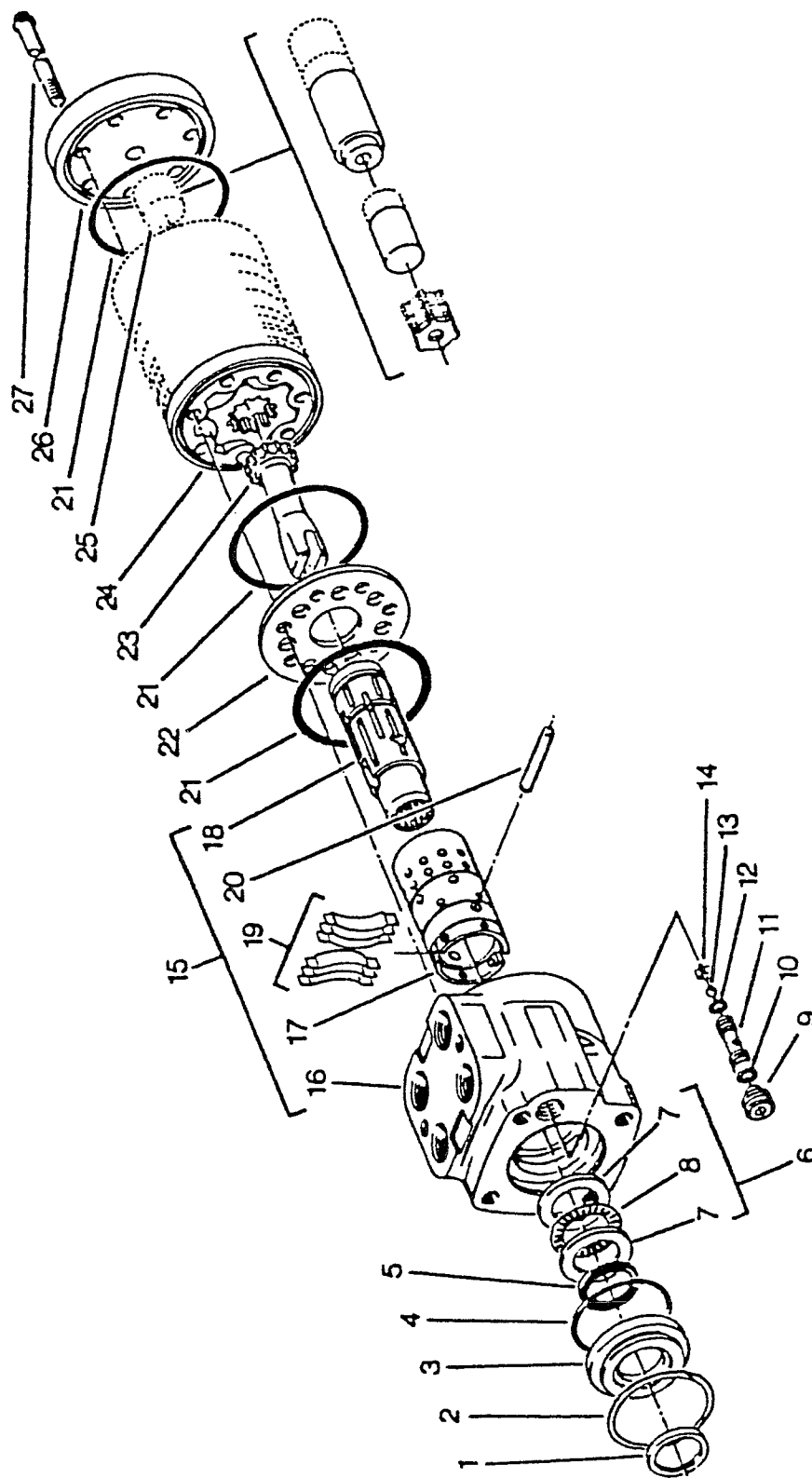
ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-54	MOTION VALVE ASSEMBLY	1
2	7-234-53	CARTRIDGE / COUNTERBALANCE	1
3	7-234-23	BODY	1
4	7-234-32	O-RING	1
5	7-234-30	SEAL KIT	1
6	6-5606-22	CAPSCREW SH 3/8 NC x 2 3/4 LG.	4
7	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4
8	7-234-60	O-RING	1



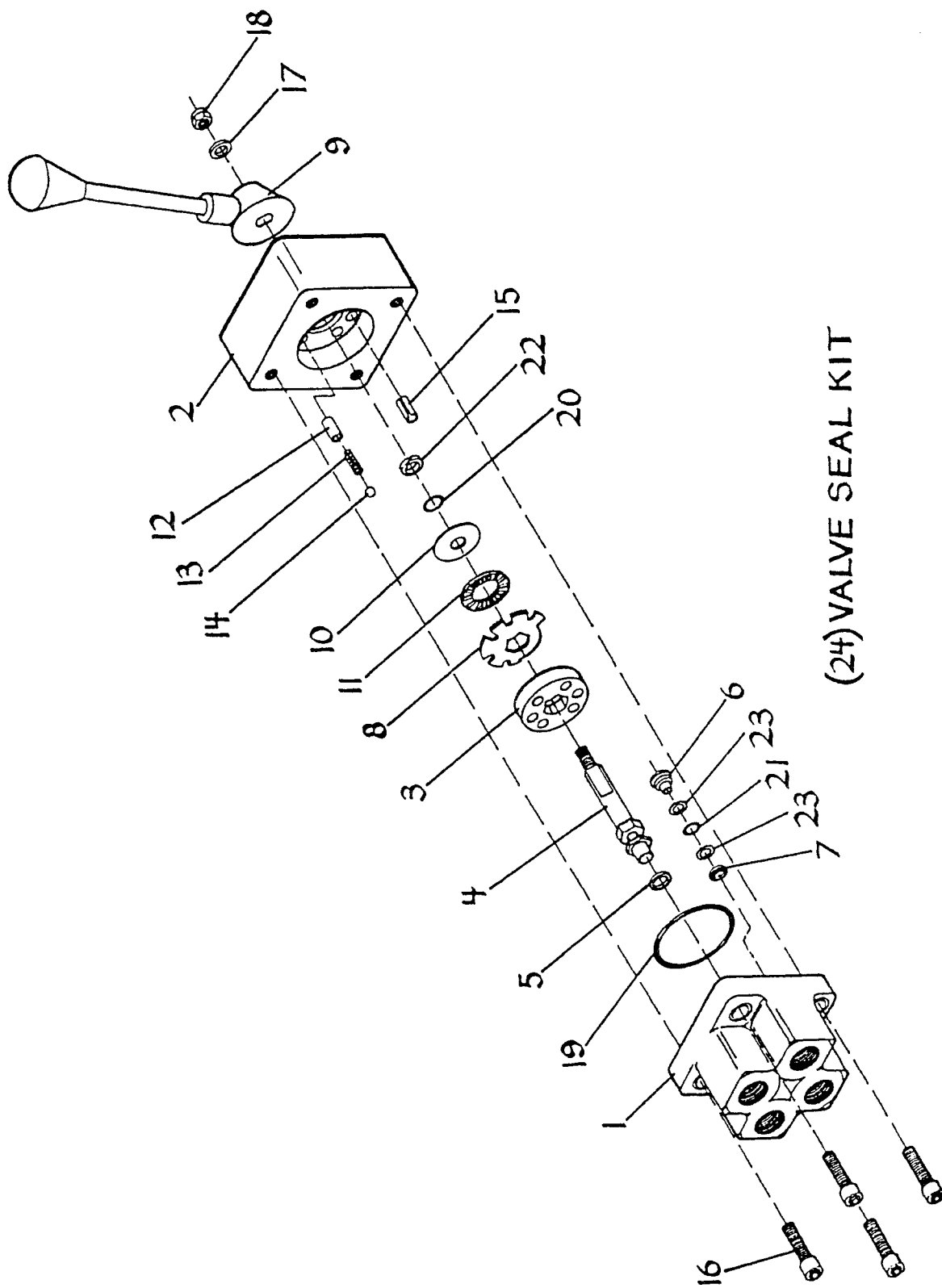
ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-04	DUAL PILOT CHECK VALVE ASSY	1
2	7-234-18	CARTRIDGE / PILOT CHECK	2
3	7-234-21	BODY	1
4	7-234-29	SEAL KIT	2
5	6-6211-05	LOCKWASHER 5/16	2
6	6-5205-14	CAPSCREW 5/16 NC x 1 3/4 LG.	2



ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-09	BY-PASS VALVE ASSEMBLY	1
2	7-234-11	CARTRIDGE / NORM. OPEN	1
3	7-234-17	CARTRIDGE / NEEDLE	1
4	7-234-20	BODY	1
5	7-234-31	SEAL KIT	1
6	7-234-29	SEAL KIT	1
7	6-6211-04	LOCKWASHER 1/4	2
8	6-5204-14	CAPSCREW 1/4 NC x 1 3/4 LG.	2
9	6-6212-04	FLATWASHER 1/4	2



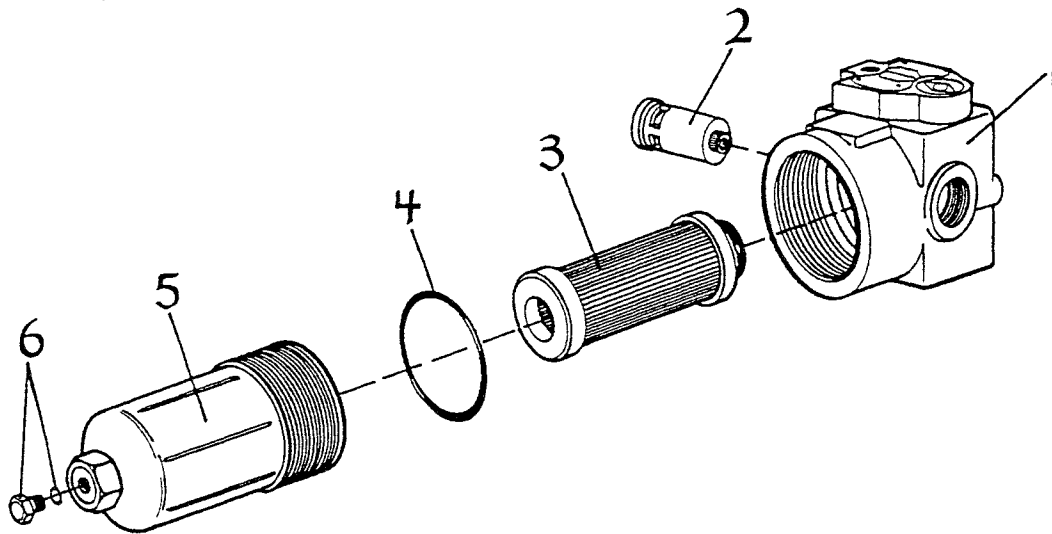
ITEM	NUMBER	DESCRIPTION	REQD
1	7-122-06	SEAL / 1 INCH ID	1
2	7-122-07	RETAINING RING	1
3	7-122-08	BUSHING / SEAL GLAND	1
4	7-122-09	SEAL / 1 7/8 INCH ID	1
5	7-122-10	SEAL / QUAD RING / 1 1/16 ID	1
6	7-122-11	NEEDLE BEARING KIT	1
7	7-122-12	RACE / BEARING	2
8	7-122-13	BEARING / THRUST	1
9	7-122-14	SET SCREW	1
10	7-122-15	SEAL / 3/8 INCH ID	1
11	7-122-16	SEAT / CHECK BALL	1
12	7-122-17	SEAL / 5/16 INCH ID	1
13	7-122-18	BALL CHECK	1
14	7-122-19	RETAINER / BALL CHECK	1
15		CONTROL PARTS ASSEMBLY	1
16		HOUSING ----- WITH ITEM 15	1
17		CONTROL SLEEVE -- WITH ITEM 15	1
18		CONTROL SPOOL --- WITH ITEM 15	1
19	7-122-20	CENTERING SPRING	6
20	7-122-21	PIN / CENTERING	1
21	7-122-22	SEAL	3
22	7-122-23	SPACER PLATE	1
23	7-122-24	DRIVE	1
24	7-122-25	GEROTOR	1
25	7-122-26	SPACER	
26	7-122-27	END CAP	1
27	7-122-28	CAPSCREW	7
28	7-122-29	SEAL KIT / ITEMS 1,4,5,10,12,21	REF



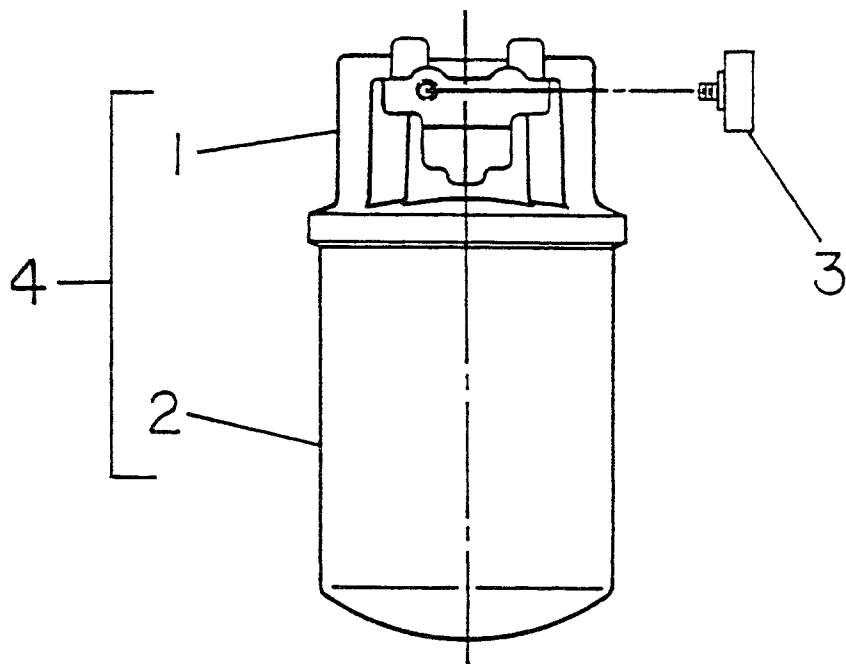
(24) VALVE SEAL KIT

ITEM	NUMBER	DESCRIPTION	REQD
1	7-217-02	BODY	1
2	7-217-03	CAP	1
3	7-217-04	DISC / SUB-ASSEMBLY	1
4	7-217-07	SHAFT	1
5	7-217-08	WASHER / SHAFT	1
6	7-217-27	SHEAR SEAL	4
7	7-217-28	WASHER	4
8	7-217-11	STOP PLATE	1
9	7-217-12	HANDLE SUB-ASSEMBLY	1
10	7-217-16	BEARING / RACE	1
11	7-238-01	BEARING	1
12	7-217-17	BUSHING / DETENT	2
13	7-217-18	SPRING / DETENT	2
14	7-217-19	BALL / DETENT	2
15	6-6236-04	STOP PIN	1
16	6-5605-08	CAPSCREW SH 5/16 NC x 1 LG.	4
17	7-217-20	WASHER / HANDLE	1
18	6-6206-04	STOP NUT	1
19	7-217-21	O-RING / BODY & CAP	1
20	7-217-22	O-RING / SHAFT	1
21	7-217-23	O-RING / SEAL	4
22	7-217-24	BACK-UP RING / SHAFT	1
23	7-217-25	BACK-UP RING / SEAL	8
24	7-217-26	SEAL KIT (ITEMS 6,7,19,20,21,22,23) REF	

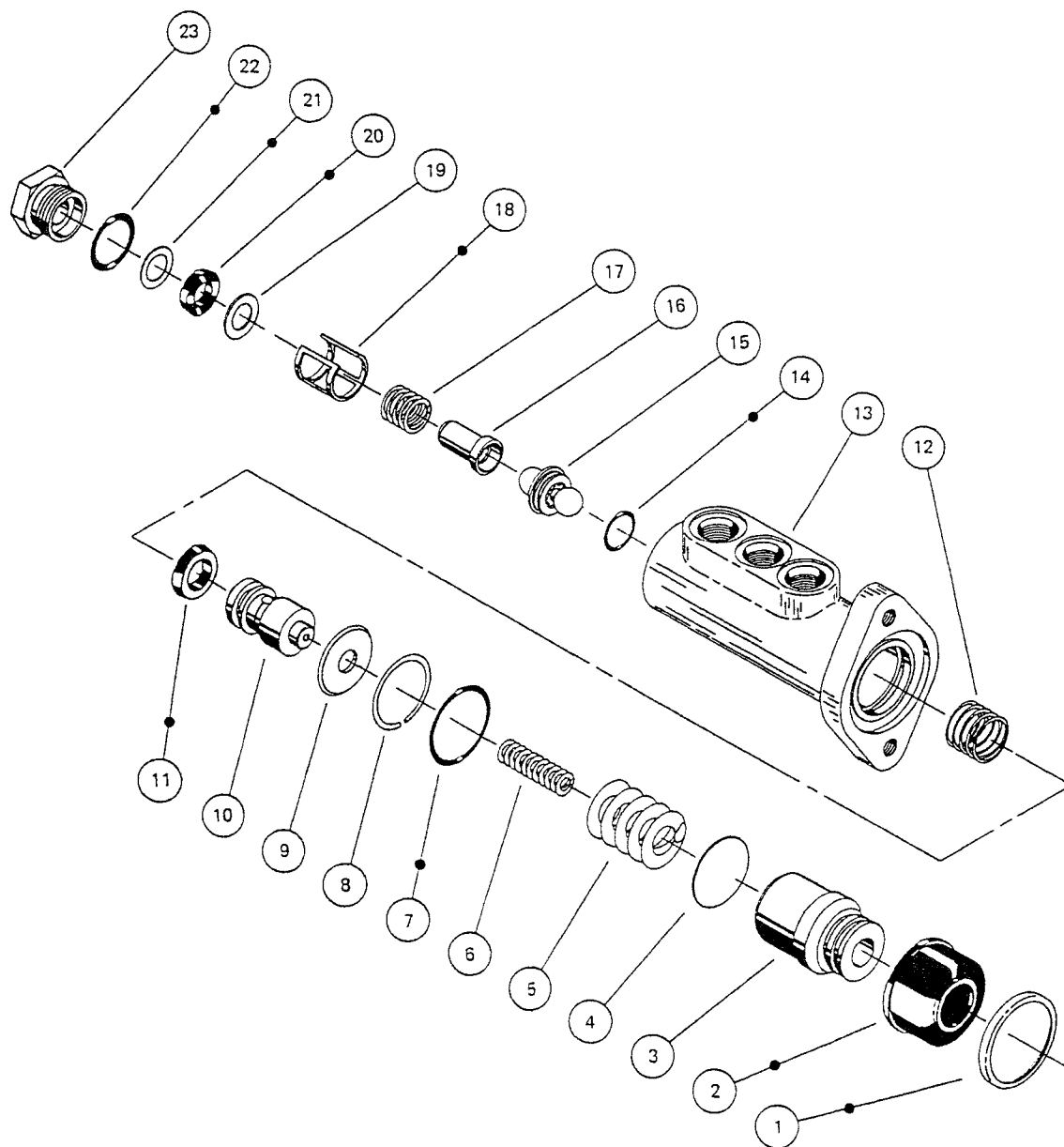
(7) INDICATOR SEAL KIT



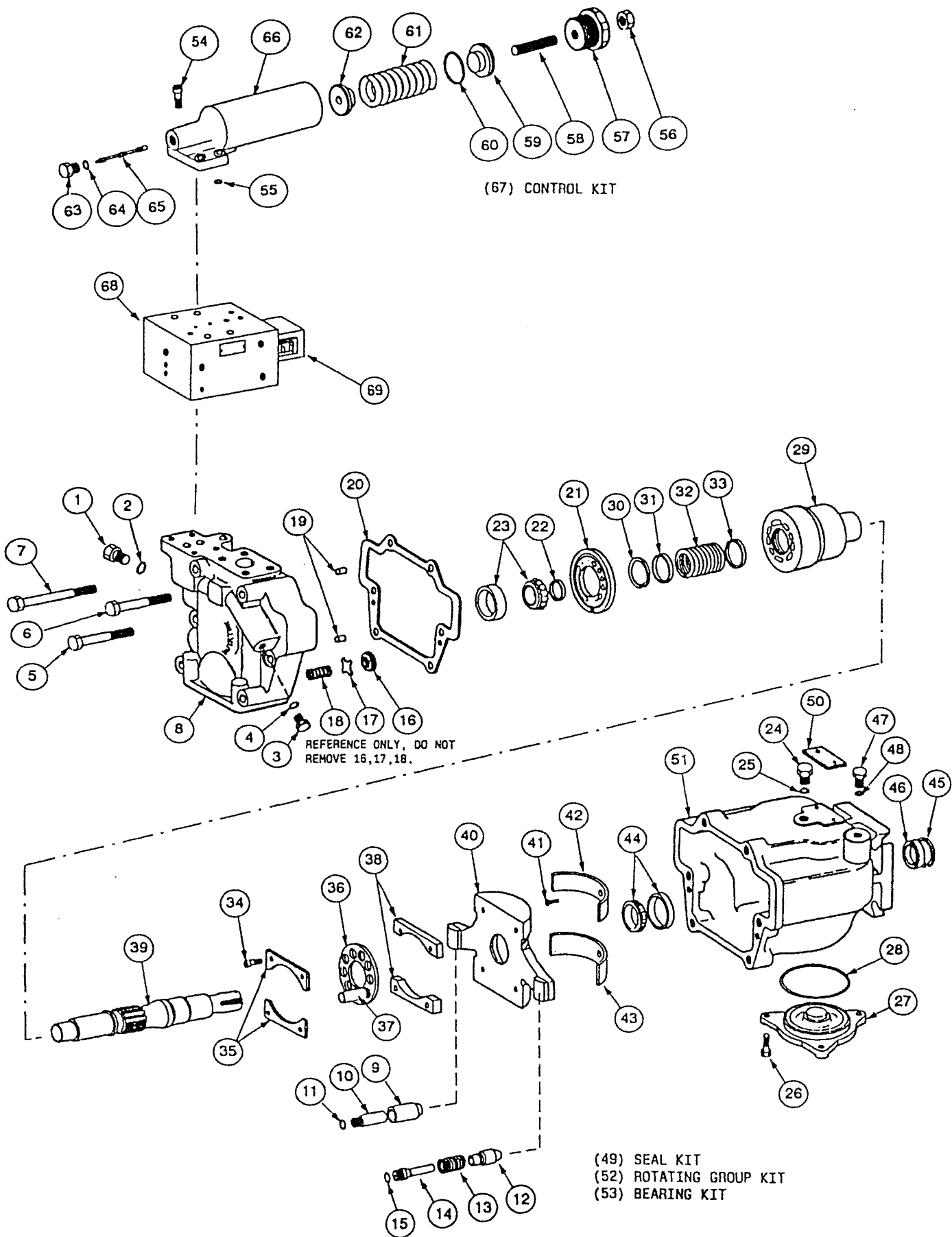
ITEM	NUMBER	DESCRIPTION	REQD
1	7-256-17	HEAD ASSEMBLY	1
2	7-256-18	BY-PASS VALVE	1
3	7-256-04	ELEMENT & O-RING	1
4	7-256-19	O-RING / BOWL	1
5	7-256-20	BOWL	1
6	7-256-21	DRAIN PLUG & O-RING	1
7	7-256-22	SEAL KIT / INDICATOR	REF



ITEM	NUMBER	DESCRIPTION	REQD
1	7-256-24	HEAD	1
2	7-256-05	ELEMENT & O-RING	1
3	7-256-03	GAGE	1
4	7-256-23	FILTER ASSEMBLY	1



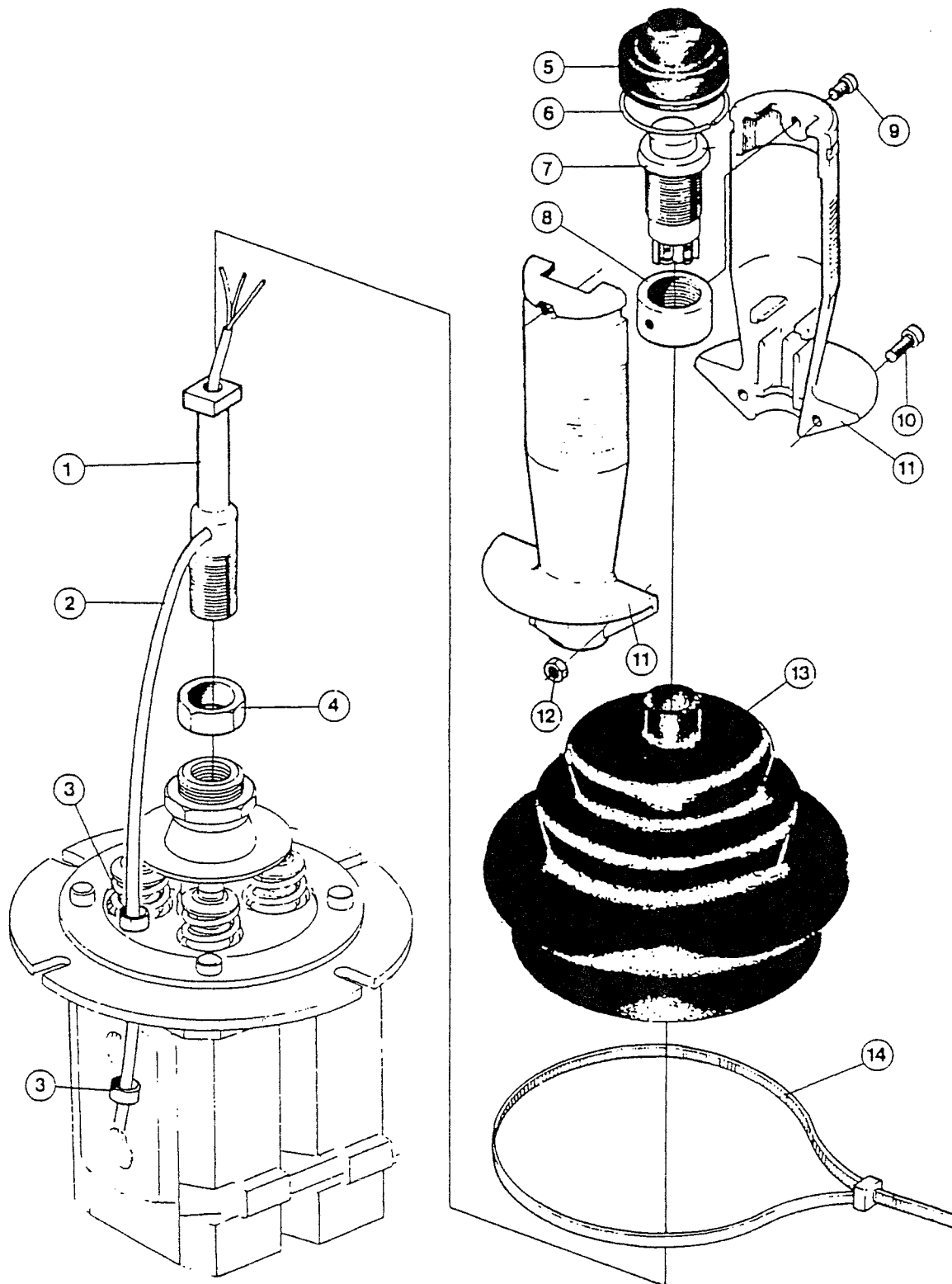
ITEM	NUMBER	DESCRIPTION	REQD
----	-----	-----	----
1	7-198-09	RING	1
2	7-198-20	BOOT	1
3	7-198-04	PISTON	1
4		SHIM / ITEMS 25-28	
5	7-198-10	SPRING	1
6		SPRING / NOT USED THIS MODEL	
7	7-198-21	O-RING	1
8	7-198-11	RETAINER RING	1
9	7-198-22	WASHER	1
10	7-198-12	PISTON	1
11	7-198-13	CUP	1
12	7-198-14	SPRING	1
13	7-198-30	HOUSING	1
14	7-198-15	O-RING	1
15	7-198-35	VALVE & BALL ASSEMBLY	1
16	7-198-27	GUIDE	1
17	7-198-17	SPRING	1
18	7-198-16	SPACER SHEEVE	1
19	7-198-28	WASHER	1
20	7-198-18	CUP	1
21	7-198-29	BACK-UP RING	1
22	7-198-19	O-RING	1
23	7-198-31	PLUG	1
24			
25	7-198-05	SHIM / AS REQD	
26	7-198-06	SHIM / AS REQD	
27	7-198-07	SHIM / AS REQD	
28	7-198-08	SHIM / AS REQD	
29			
30	7-198-36	KIT-ITEMS 1,2,7,11,14,18,20,21,22	



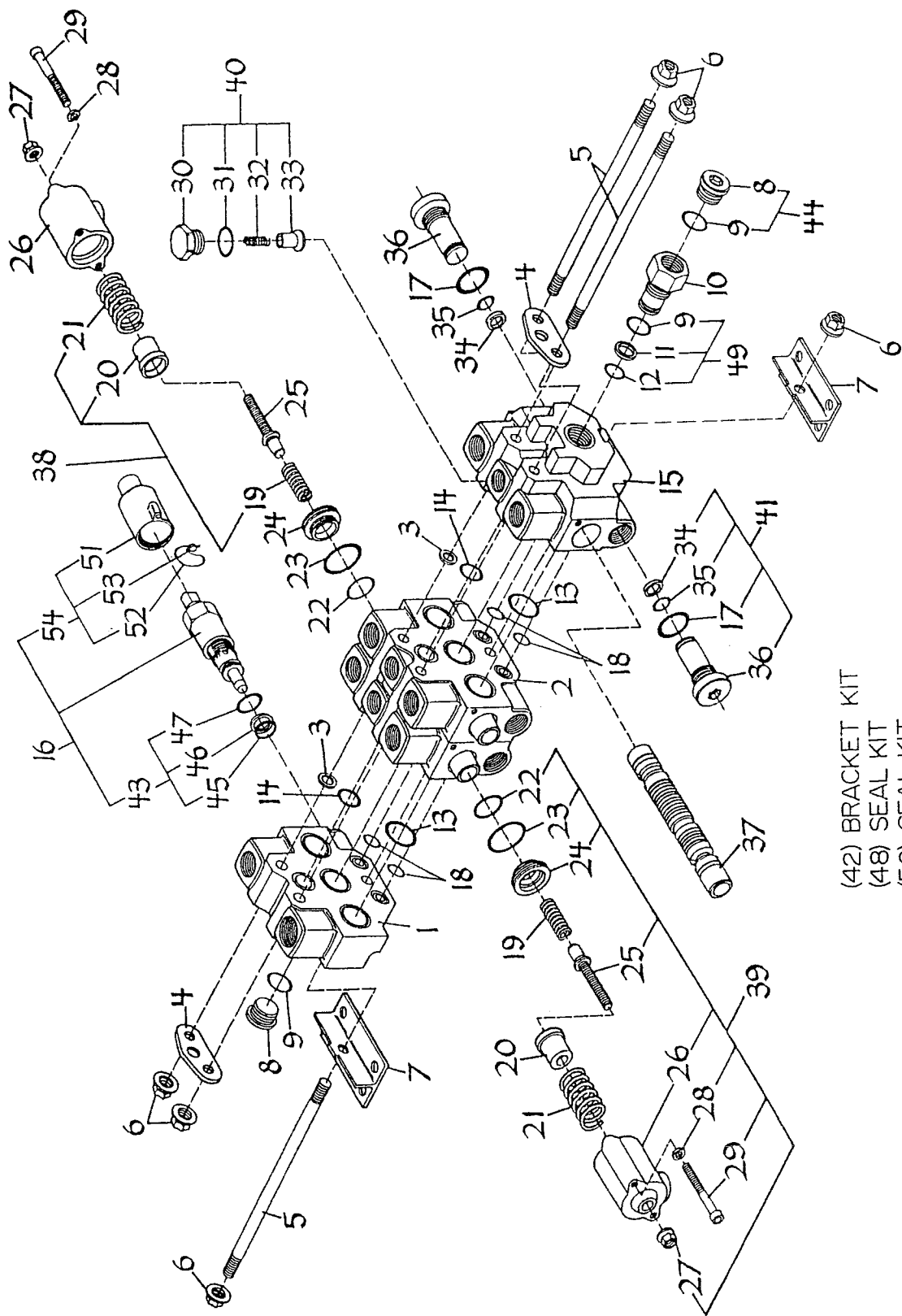
ITEM	NUMBER	DESCRIPTION	REQD
1	7-321-04	PLUG	1
2	7-321-05	O-RING *	1
3	7-321-04	PLUG	1
4	7-321-05	O-RING *	1
5	7-321-06	SCREW	4
6	7-321-07	SCREW	1
7	7-321-08	SCREW	1
8	7-321-09	VALVE BLOCK	1
9	7-321-10	CONTROL PISTON	1
10	7-321-11	CONTROL ROD	1
11	7-321-12	O-RING *	1
12	7-321-13	BIAS PISTON	1
13	7-321-14	SPRING	1
14	7-321-15	BIAS ROD	1
15	7-321-12	O-RING *	1
16	7-321-16	SEAT	1
17	7-321-17	POPPET	1
18	7-321-18	SPRING	1
19	7-321-19	PIN	2
20	7-321-20	GASKET *	1
21	7-321-21	VALVE PLATE	1
22	7-321-22	SHAFT SPACER KIT	1
23	7-321-23	BEARING	1
24	7-321-24	PLUG	1
25	7-321-25	O-RING *	1
26	7-321-26	SCREW	3
27	7-321-27	COVER	1
28	7-321-28	O-RING *	1
29	7-321-29	CYLINDER BLOCK	1
30	7-321-30	RETAINING RING	1
31	7-321-31	SPRING GUIDE	1
32	7-321-32	SPRING	1
33	7-321-33	SPRING GUIDE	1
34	7-321-34	SCREW	4
35	7-321-35	LIMITER	2
36	7-321-36	SHOE CAGE	1
37	7-321-37	PISTON KIT	1
38	7-321-38	SPACER	2
39	7-321-71	SHAFT	1
40	7-321-40	YOKE	1
41	7-321-41	SCREW	2
42	7-321-42	SADDLE BEARING	1
43	7-321-43	SADDLE BEARING	1
44	7-321-44	BEARING	1
45	7-321-45	RETAINING RING	2
46	7-321-46	SHAFT SEAL	2
47	7-321-47	PLUG	1
48	7-321-48	O-RING *	1
49	7-321-49	SEAL KIT (INCLUDES PARTS MARKED *)	REF
50	7-321-52	S/N PLATE	1
51	7-321-53	HOUSING	1
52	7-321-50	ROTATING GROUP KIT (29-33,35-37)	REF
53	7-321-51	BEARING KIT (23,41,42,43,44)	REF
54	7-321-54	SCREW	4

ITEM	NUMBER	DESCRIPTION	REQD
55	7-321-55	O-RING *	3
56	7-321-56	NUT	1
57	7-321-57	PLUG	1
58	7-321-58	ADJUSTING SCREW	1
59	7-321-59	SPRING SEAT	1
60	7-321-60	O-RING *	1
61	7-321-61	SPRING	1
62	7-321-62	SPRING GUIDE	1
63	7-321-63	PLUG	1
64	7-321-64	O-RING *	1
65	7-321-65	SPOOL / PRESSURE COMPENSATOR	1
66	7-321-66	CONTROL BODY	1
67	7-321-67	CONTROL KIT (ITEMS 54 THRU 66)	REF
68	7-321-68	PUMP DESTROKE VALVE	1
69	7-321-69	COIL / PUMP DESTROKE	1

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



ITEM	NUMBER	DESCRIPTION	REQD
1		LEVER	1
2	7-200-17	WIRE	1
3	7-200-18	WIRE CLAMP	2
4	7-200-16	NUT	1
5	7-200-09	SEALING CAP	1
6	7-200-10	LOCK RING	1
7	7-200-07	SWITCH	1
8	7-200-72	SWITCH MOUNTING RING	1
9	7-200-11	SCREW	2
10	7-200-12	SCREW	2
11	7-200-14	HANDLE / 2 PARTS	1
12	7-200-13	NUT	2
13	7-200-05	BELLOWS	1
14	7-200-19	CLAMPING RING	1
15	7-200-15	HANDLE KIT (ITEM 1 and 5 THRU 14)	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
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MAIN VALVE ASSEMBLY / 7-200-80
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