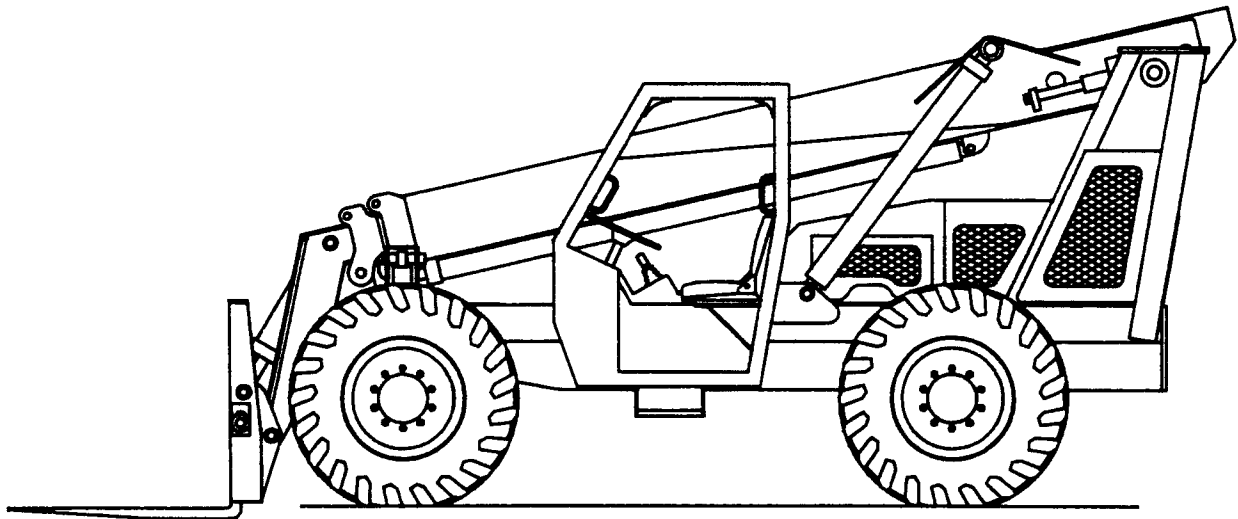


SQUARE SHOOTER PARTS BOOK SS-836



DATE: 7-4-97

JOHN DEERE 4045 ENGINE
7-316 HYDRAULIC CYLINDERS
INTERMEDIATE DROP TRANSMISSION
REXROTH HYDRAULIC PUMP

TEREX HANDLERS

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

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

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

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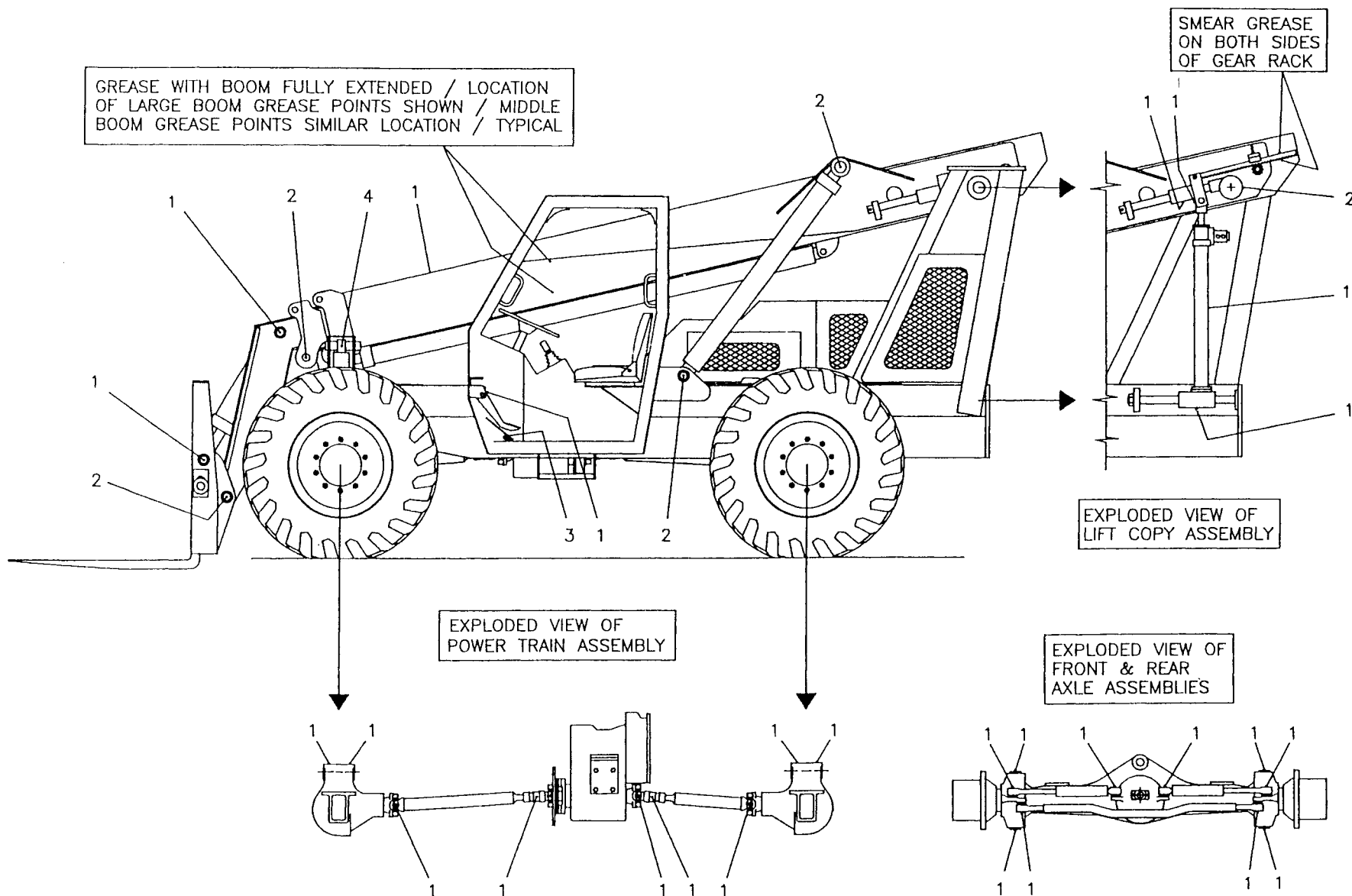
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77	DUAL PILOT CHECK VALVE	P3-1141
78	ELECTRIC VALVE / 4-WAY	P3-1140

MANUFACTURER

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
PBFB-LAN	7-234-15	CARTRIDGE / REDUCING	7-234-30
PBFB-FAN	7-234-15	CARTRIDGE / REDUCING	7-234-30
CXDA-XAN	7-234-16	CARTRIDGE / CHECK	7-234-31
CXDA-XCN	7-234-80	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 / P4-1345	7-900-20
	7-316-02	CYLINDER / LIFT / P4-1346	7-900-21
	7-316-03	CYLINDER / TILT / P4-1347	7-900-22
	7-316-04	CYLINDER / BOOM / P4-1348	7-900-23
	7-316-05	CYLINDER / ROTATE / P4-1349	7-900-25
	7-229-339	CYLINDER / STEERING	7-229-348
	7-229-338	CYLINDER / STEERING	7-229-348
	7-198-39	BRAKE ACTUATOR	7-198-40
	7-344-01	STEERING VALVE / ELECTRIC	7-344-04
	7-331-01	ORBITRAL / STEERING	7-331-03

GREASE WITH BOOM FULLY EXTENDED / LOCATION
OF LARGE BOOM GREASE POINTS SHOWN / MIDDLE
BOOM GREASE POINTS SIMILAR LOCATION / TYPICAL



SQUARE SHOOTER FILTER GUIDE

DESCRIPTION	PART NO.	APPLICATION
1. HYDRAULIC PRESSURE FILTER ELEMENT	7-256-04	ALL
2. HYDRAULIC RETURN FILTER ELEMENT	7-256-05	ALL
3. ENGINE OIL FILTER / JOHN DEERE	SEE TABLE I	ALL
4. ENGINE OIL FILTER / CUMMINS	7-343-08	ALL
5. ENGINE FUEL FILTER	SEE TABLE II	ALL
6. AIR CLEANER ELEMENT	7-135-07	624/636/836/842 w/JOHN DEERE NON-TURBO
7. AIR CLEANER ELEMENT / INNER	7-183-57	636/836/842/1048 w/JOHN DEERE TURBO
8. AIR CLEANER ELEMENT / OUTER	7-183-58	836/842/1048 w/JOHN DEERE TURBO
9. AIR CLEANER ELEMENT / INNER	7-204-05	636 w/CUMMINS TURBO
10. AIR CLEANER ELEMENT / OUTER	7-204-04	636 w/CUMMINS TURBO
11. TRANSMISSION OIL FILTER	7-126-112	ALL
12. HYDRAULIC RESERVOIR BREATHER	7-253-01	ALL

TABLE I

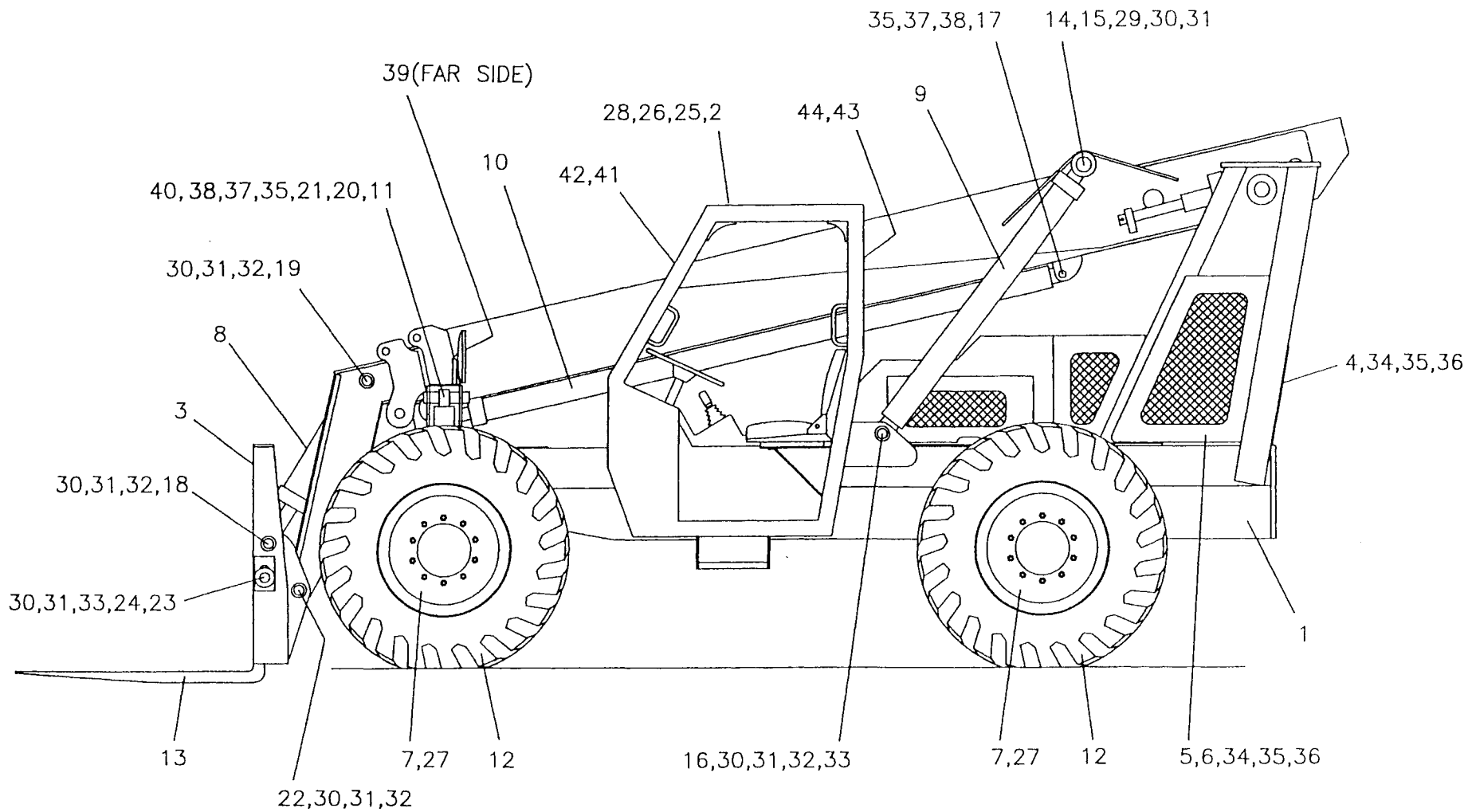
ENGINE TYPE	ENGINE SERIAL NUMBER	ENGINE OIL FILTER PART NUMBER
JOHN DEERE	699999 AND BEFORE	7-183-07
JOHN DEERE	700000 AND UP	7-183-101

TABLE II

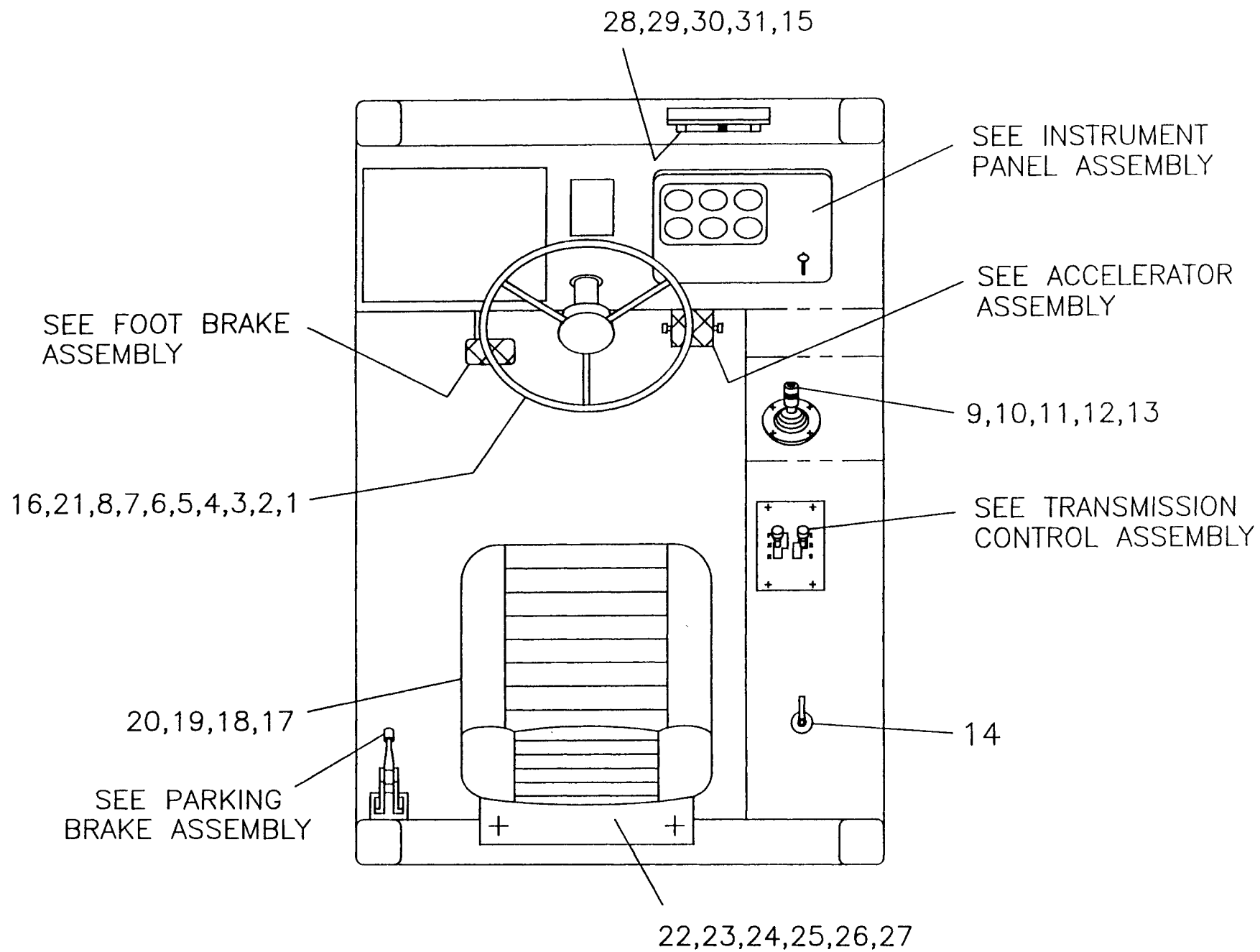
ENGINE TYPE	ENGINE SERIAL NUMBER	ENGINE FUEL FILTER PART NUMBER
JOHN DEERE	386591 AND BEFORE	7-183-45
JOHN DEERE	386592 AND UP	7-183-84
CUMMINS 4BT 3.9	45410664 AND UP	7-343-09 w/ PETCOCK 7-343-10 w/o PETCOCK

ITEM	NUMBER	DESCRIPTION	REQD
1	4-1386-10	DECAL / LOAD CHART / SS-836	1
2	4-1391-1	DECAL / SQUARE SHOOTER / 40 INCH	2
3	4-1391-2	DECAL / SQUARE SHOOTER / 27 INCH	2
4	4-1392-1	DECAL / SS-836	2
5	4-1401-1	DECAL / STEERING SELECTOR (*)	REF
6	4-1401-2	DECAL / DIESEL FUEL (*)	REF
7	1-1159	DECAL / HYDRAULIC OIL LEVEL	1
8	4-1401-4	DECAL / 4-WAY CONTROL (SQ.SH.) (*)	REF
9	4-1401-5	DECAL / 4-WAY CONTROL (STD.) (*)	REF
10	4-1401-6	DECAL / TRANSMISSION CONTROLS (*)	REF
11	4-1401-8	DECAL / TRANSMISSION OIL (*)	REF
12	4-1401-9	DECAL / FUSE HOLDER (*)	REF
13	4-1105-11	DECAL / A	1
14	4-1105-12	DECAL / B	1
15	4-1105-13	DECAL / C	1
16	4-1105-14	DECAL / D	1
17	4-1105-16	DECAL / MADE IN USA	4
18	3-1218	DECAL / WARNING	1
19	3-1257-1	DECAL / HYDRAULIC OIL ONLY	1
20	4-1579-1	DECAL / PARKING BRAKE	1
21	4-1579-2	DECAL / ELECTRIC HAZARD	1
22	4-1579-3	DECAL / SWAY CONTROL	1
23	4-1579-4	DECAL / NOT A MAN-LIFT	1
24	4-1579-5	DECAL / BEFORE OPERATING	1
25	4-1579-6	DECAL / BATTERY COMPARTMENT	1
26	4-1579-7	DECAL / COOLING SYSTEM	1
27	4-1579-8	DECAL / HOT EXHAUST	2
28	4-1579-9	DECAL / PINCH POINT AREA	9
29	4-1579-10	DECAL / MACHINE STABILITY	4
30	4-1579-11	DECAL / USE THE SEAT BELT	1
31	4-1579-12	DECAL / NO RIDERS	1
32	4-1579-13	DECAL / HYDRAULIC SYSTEM	1
33	7-349-01	DECAL / TEREX CROWN / SMALL	1
34	7-349-02	DECAL / TEREX CROWN / MEDIUM	2
35	7-349-03	DECAL / TEREX CROWN / LARGE	1
36	4-1401	FULL DECAL SHT./ ITEMS MARKED (*)	REF
37	7-900-48	DECAL KIT (ITEMS 1 THRU 35)	REF

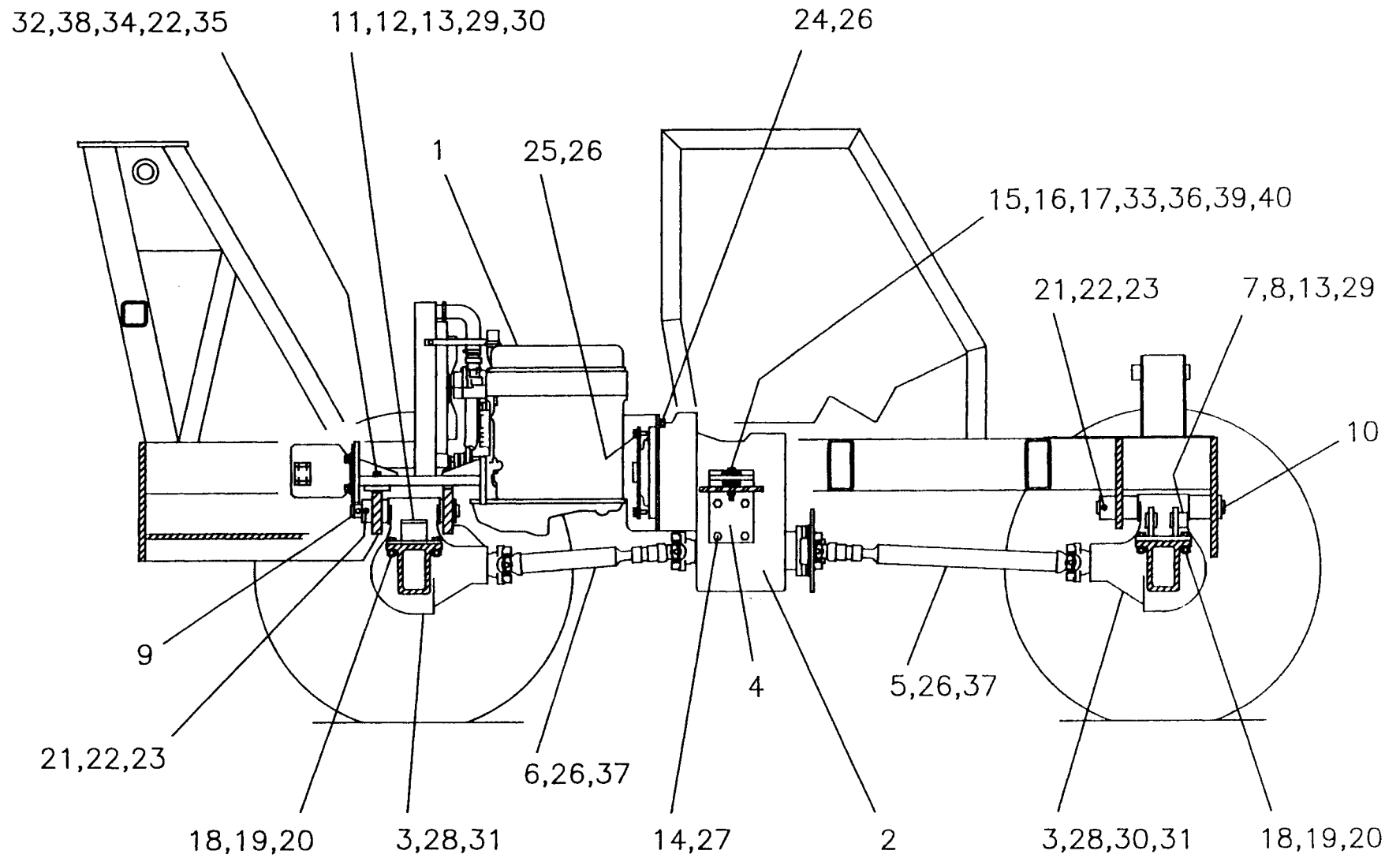
(*) DECALS NOT SOLD SEPARATELY



ITEM	NUMBER	DESCRIPTION	REQD
1	4-1277	MAIN FRAME WELDMENT	1
2	4-1505	CANOPY WELDMENT	1
3	4-1062	FORK FRAME / 48 WIDE	1
4	4-1301	REAR PANEL	1
5	3-1207	SIDE PANEL / RH	1
6	3-1095-2	SIDE PANEL / LH	1
7	7-320-01	WHEEL	4
8	7-316-03	CYLINDER / TILT	1
9	7-316-02	CYLINDER / LIFT	2
10	7-316-04	CYLINDER / BOOM	1
11	7-316-01	CYLINDER / SWAY	2
12	7-150-01	TIRE 13.00-24	4
13	3-1028-10	FORK TINE / 48 LG.	2
14	3-1092	PIN / HEAD LIFT CYLINDER	1
15	6-2324-10	COLLAR / HEAD LIFT CYLINDER	2
16	3-1054-2	PIN / BASE LIFT CYLINDER	2
17	2-1090	PIN / BASE BOOM CYLINDER	1
18	6-3316-65	PIN / HEAD TILT CYLINDER	1
19	3-1054-1	PIN / BASE TILT CYLINDER	1
20	6-3312-55	PIN / HEAD SWAY CYLINDER	2
21	6-3312-73	PIN / BASE SWAY CYLINDER	2
22	6-3316-168	PIN / FORK FRAME	1
23	2-1067-10	PIN / FORK TINE	1
24	1-1074	COLLAR / FORK TINE PIN	1
25	3-1301	SAFETY GLASS / ROOF	1
26	6-5204-04	CAPSCREW 1/4 NC x 1/2 LG.	8
27	7-286-01	VALVE STEM / AIR-CHLORIDE-FOAM	4
28	6-6212-04	FLATWASHER 1/4	8
29	6-5208-40	CAPSCREW 1/2 NC x 5 LG.	2
30	6-6201-08	HEX NUT 1/2 NC	8
31	6-6211-08	LOCKWASHER 1/2	8
32	6-5208-30	CAPSCREW 1/2 NC x 3 3/4 LG.	4
33	6-5208-36	CAPSCREW 1/2 NC x 4 1/2 LG.	2
34	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	14
35	6-6211-06	LOCKWASHER 3/8	19
36	6-6212-06	FLATWASHER 3/8	14
37	6-5206-22	CAPSCREW 3/8 NC x 2 3/4 LG.	4
38	6-6201-06	HEX NUT 3/8 NC	5
39	7-333-01	MIRROR / CONVEX	1
40	6-5206-24	CAPSCREW 3/8 NC x 3 LG.	1
41	6-3910-04	GLASS / WINDSHIELD	1
42	6-9608-991	RUBBER / WINDSHIELD	1
43	6-4110-04	GLASS / REAR WINDOW	1
44	6-9608-668	RUBBER / REAR WINDOW	1

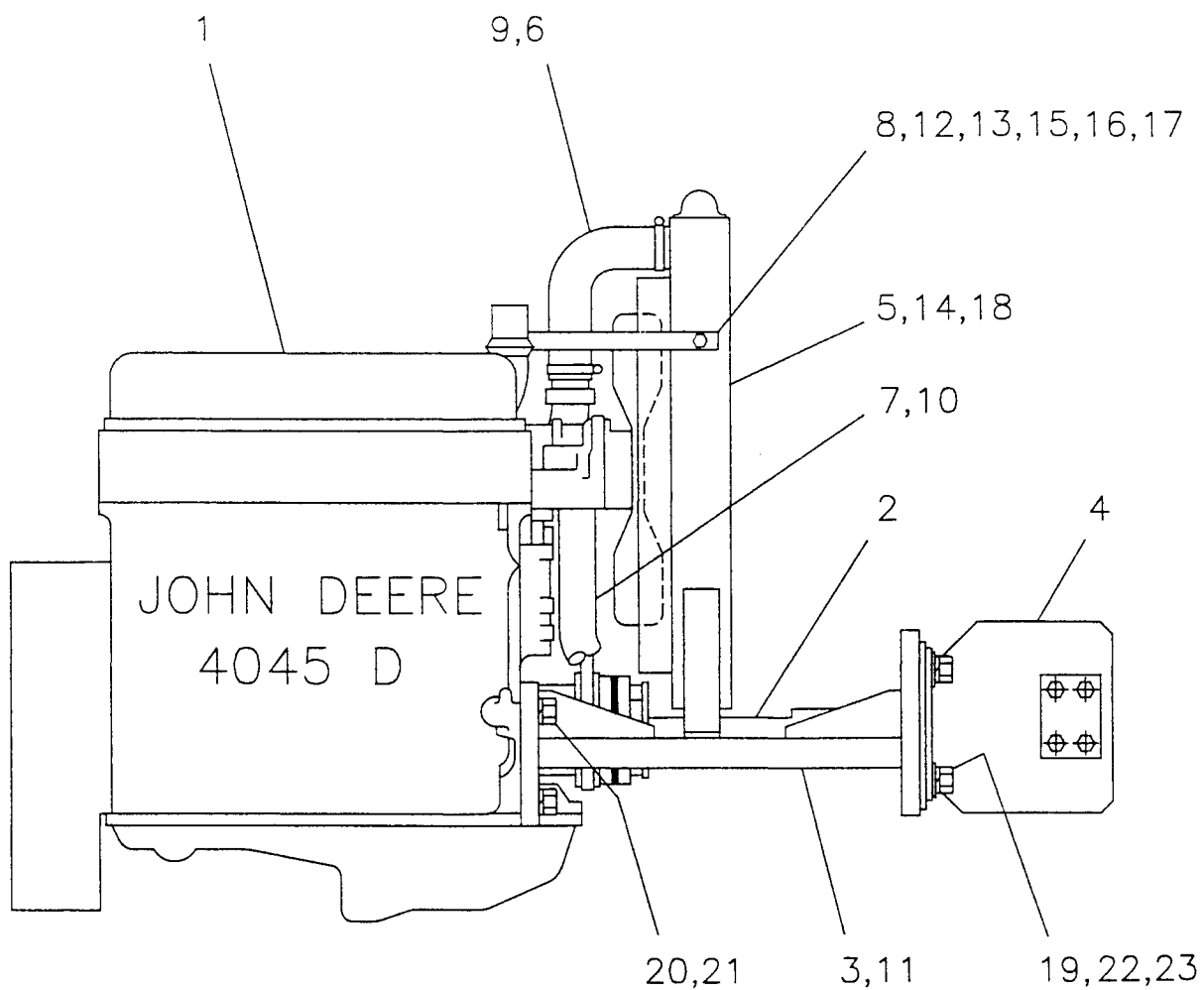


ITEM	NUMBER	DESCRIPTION	REQD
1	7-331-01	STEERING ORBITRAL	REF
2	7-331-02	STEERING COLUMN	1
3	7-318-01	STEERING WHEEL	1
4	7-318-02	HORN BUTTON KIT	1
5	7-331-24	NUT / STEERING WHEEL (w/ ITEM 2)	REF
6	6-5206-18	CAPSCREW 3/8 NC x 2 1/4 LG.	2
7	6-6211-06	LOCKWASHER 3/8	4
8	6-6212-06	FLATWASHER 3/8	2
9	7-200-81	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	7-127-11	SWITCH / STEERING SELECT	REF
15	6-6286-10	FLATWASHER #8	2
16	1-1029	SPACER / ORBITRAL	2
17	7-197-01	SEAT	1
18	6-6211-05	LOCKWASHER 5/16	4
19	6-6201-05	HEX NUT 5/16 NC	4
20	7-337-01	SEAT BELT	1
21	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	2
22	4-1598-1	SEAT SUPPORT	1
23	4-1598-2	SEAT MOUNT	1
24	6-5205-08	CAPSCREW 5/16 NC x 1 LG.	4
25	6-5205-32	CAPSCREW 5/16 NC x 4 LG.	2
26	6-6211-05	LOCKWASHER 5/16	6
27	6-6201-05	HEX NUT 5/16 NC	6
28	7-283-01	LEVEL GAGE	1
29	6-6284-03	MACHINE SCREW 8-32 x 1 LG.	2
30	6-6286-02	HEX NUT 8-32	2
31	6-6286-11	STARWASHER / INTERNAL #8	2



ITEM	NUMBER	DESCRIPTION	REQD
1	P4-1264	ENGINE and PUMP ASSEMBLY	REF
2	7-126-322	TRANSMISSION ASSEMBLY	1
3	7-229-342	AXLE ASSEMBLY	2
4	3-1317	MOUNT / TRANSMISSION	2
5	7-346-01	DRIVESHAFT / FRONT	1
6	7-346-03	DRIVESHAFT / REAR	1
7	3-1133	MOUNT / SWAY CYLINDER / RH	1
8	3-1134	MOUNT / SWAY CYLINDER / LH	1
9	3-1216-1	PIN / REAR AXLE PIVOT	1
10	3-1216-2	PIN / FRONT AXLE PIVOT	1
11	3-1135	STOP / REAR AXLE / RH	1
12	3-1135-10	STOP / REAR AXLE / LH	1
13	6-7002-34	GREASE HOSE / 04 x 04 x 17 LG.	4
14	6-5212-16	CAPSCREW 3/4 NC x 2 LG.	8
15	7-340-01	RUBBER MOUNT	2
16	1-1172	WASHER / RUBBER MOUNT	4
17	6-5310-36	CAPSCREW 5/8 NF x 4 1/2 LG.	2
18	6-5312-20	CAPSCREW 3/4 NF x 2 1/2 LG.	16
19	6-6211-12	LOCKWASHER 3/4	16
20	6-6202-12	HEX NUT 3/4 NF	16
21	6-5208-36	CAPSCREW 1/2 NC x 4 1/2 LG.	2
22	6-6211-08	LOCKWASHER 1/2	6
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	4
29	6-6474-01	FITTING / 02 NPT x 04 JIC M-BH	4
30	6-6301	LUBE FITTING 1/8 NPT STR	4
31	6-6302	LUBE FITTING 1/8 NPT 90	4
32	2-1116	RUBBER PAD / FRT. ENGINE MT.	2
33	1-1171	SPACER / SLEEVE	2
34	2-1115	FRONT ENGINE MOUNT	1
35	6-5208-20	CAPSCREW 1/2 NC x 2 1/2 LG.	4
36	6-6211-10	LOCKWASHER 5/8	2
37	6-5306-16	CAPSCREW 3/8 NF x 2 LG.	16
38	1-1142	PLATE / FRT. ENGINE MOUNT	1
39	6-6212-10	FLATWASHER 5/8	2
40	6-6202-10	HEX NUT 5/8 NF	2

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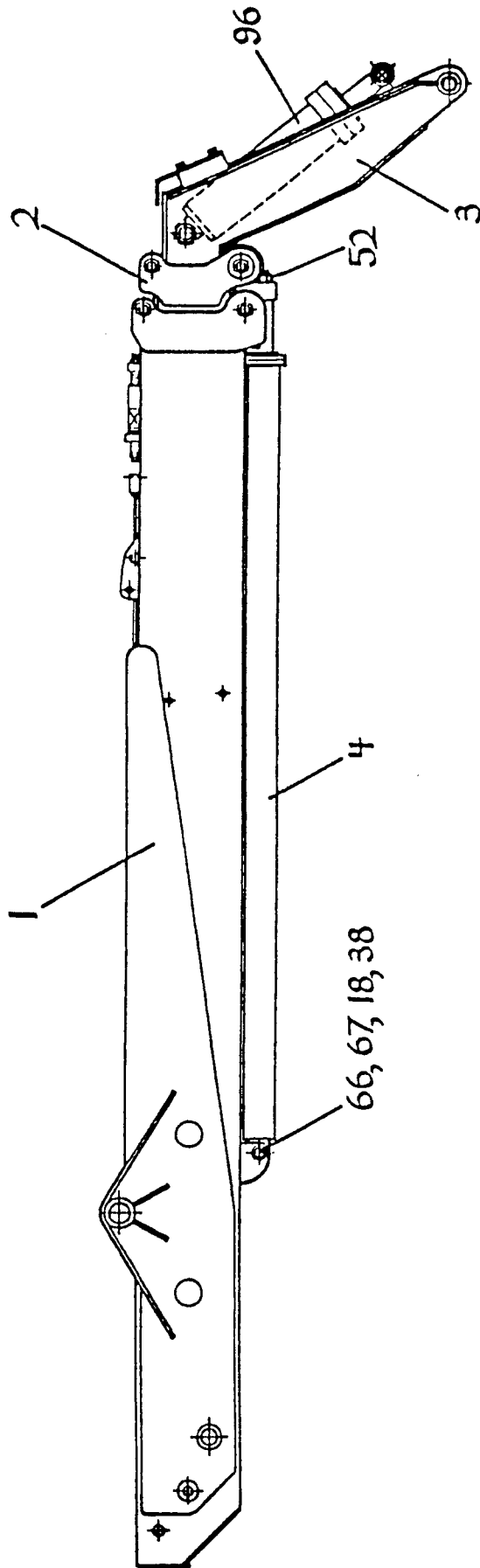
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1	7-183-37	ENGINE ASSEMBLY / JD-4045	1
2	P3-1177	DRIVESHAFT ASSEMBLY / PUMP	REF
3	4-1195-50	MOUNT / HYDRAULIC PUMP	1
4	7-345-01	PUMP ASSEMBLY	REF
5	7-311-01	RADIATOR	1
6	7-158-67	RADIATOR HOSE / UPPER	1
7	7-158-66	RADIATOR HOSE / LOWER	1
8	4-1357	MOUNTING STRAP / RADIATOR	2
9	6-6252-07	CLAMP / UPPER RADIATOR HOSE	2
10	6-6252-09	CLAMP / LOWER RADIATOR HOSE	2
11	6-6226-12	DOWEL PIN / ENGINE	2
12	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	2
13	6-5206-10	CAPSCREW 3/8 NC x 1 1/4 LG.	2
14	6-5206-20	CAPSCREW 3/8 NC x 2 1/2 LG.	2
15	6-6211-06	LOCKWASHER 3/8	4
16	6-6212-06	FLATWASHER 3/8	4
17	6-6201-06	HEX NUT 3/8 NC	2
18	6-6205-06	SELF LOCKING NUT 3/8 NC	2
19	6-5208-16	CAPSCREW 1/2 NC x 2 LG.	4
20	6-5210-18	CAPSCREW 5/8 NC x 2 1/4 LG.	4
21	6-6211-10	LOCKWASHER 5/8	4
22	6-6212-08	FLATWASHER 1/2	4
23	6-6211-08	LOCKWASHER 1/2	4

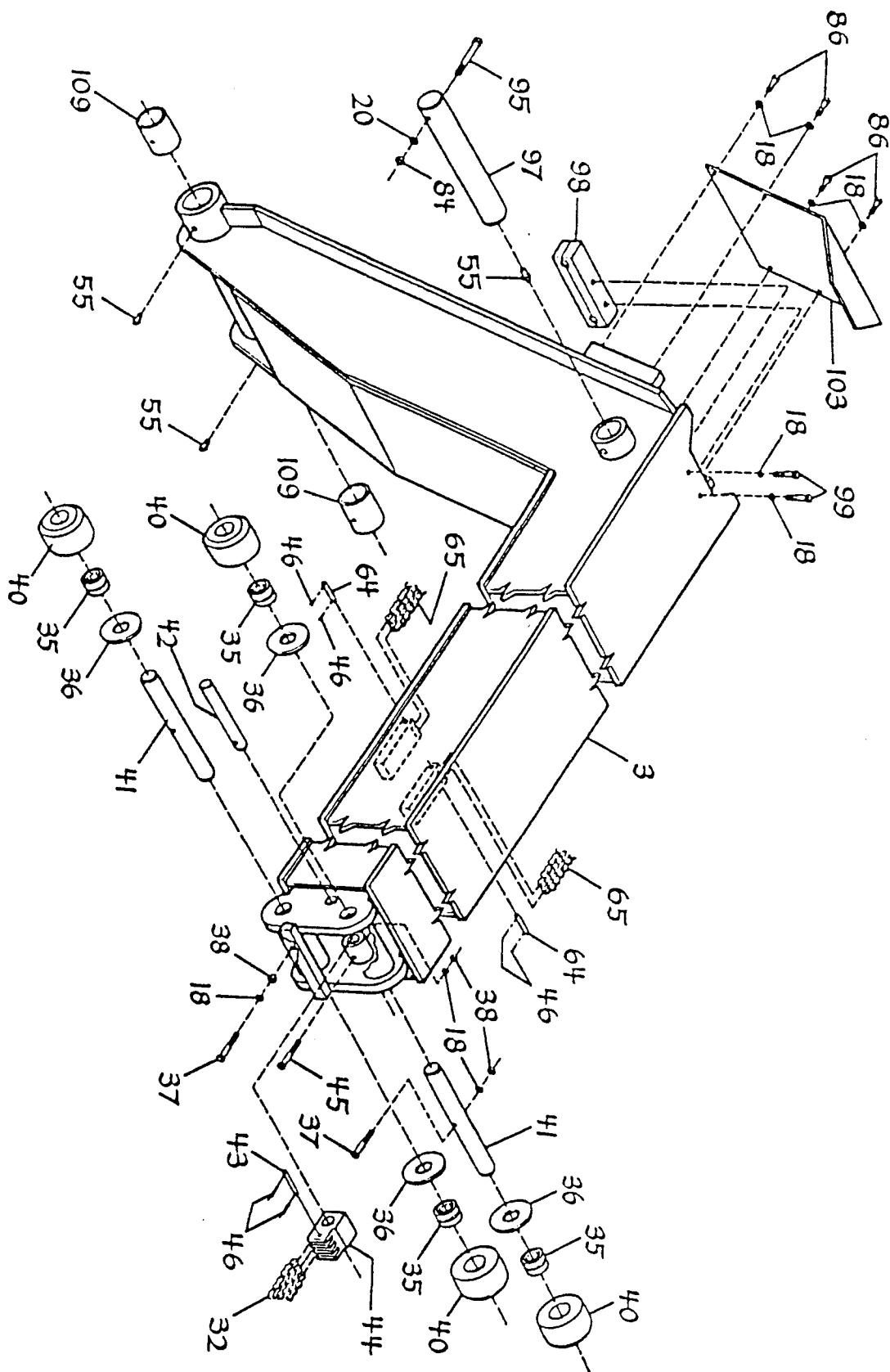
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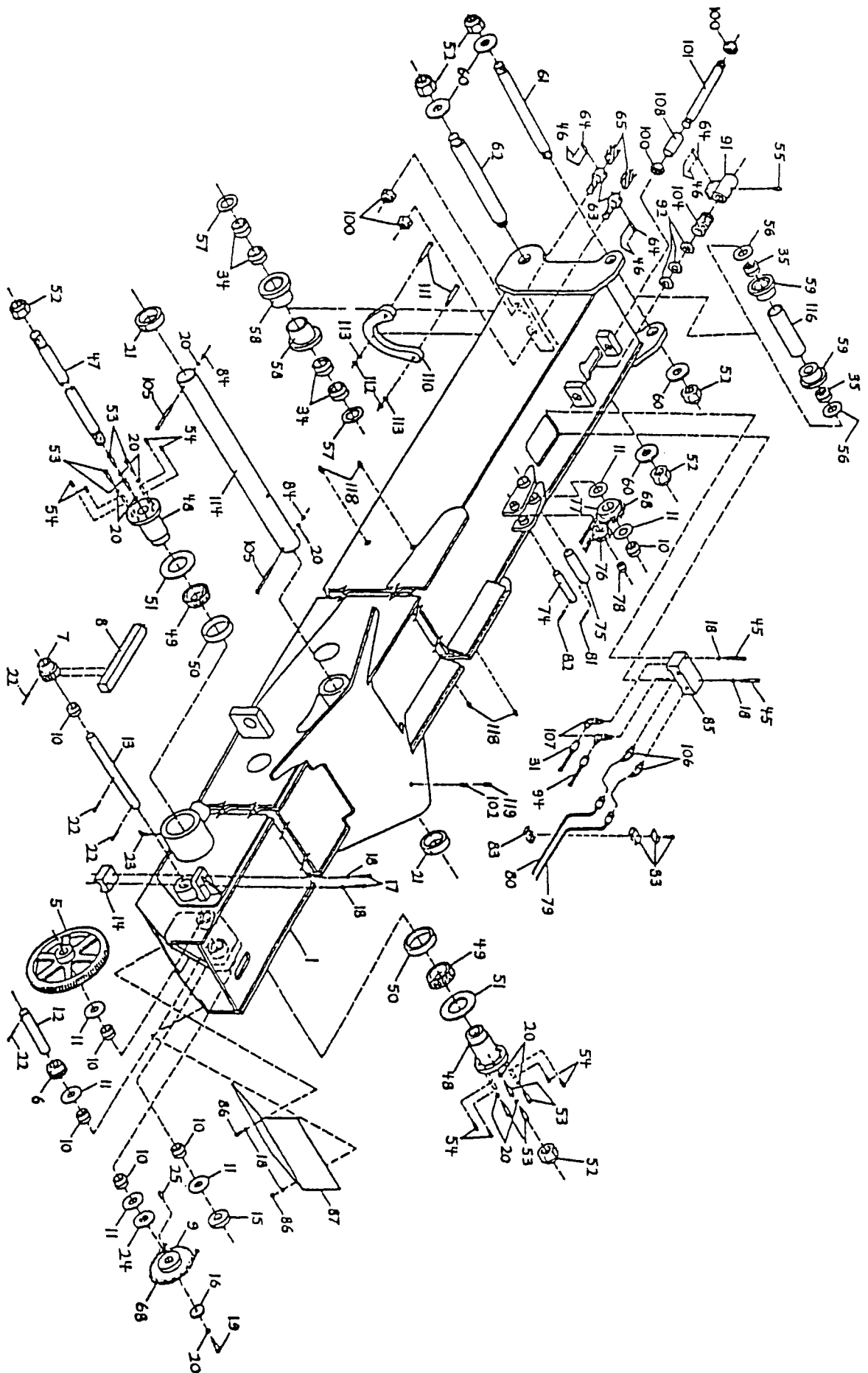
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ENGINE and PUMP ASSY / JD-4045 ENG.
SS-636 OPTIONAL / SS-836

PAGE
NUMBER 8A







DRAWING
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P5-1002

LARGE BOOM SECTION
SS-836 SQUARE SHOOTER

PAGE
NUMBER

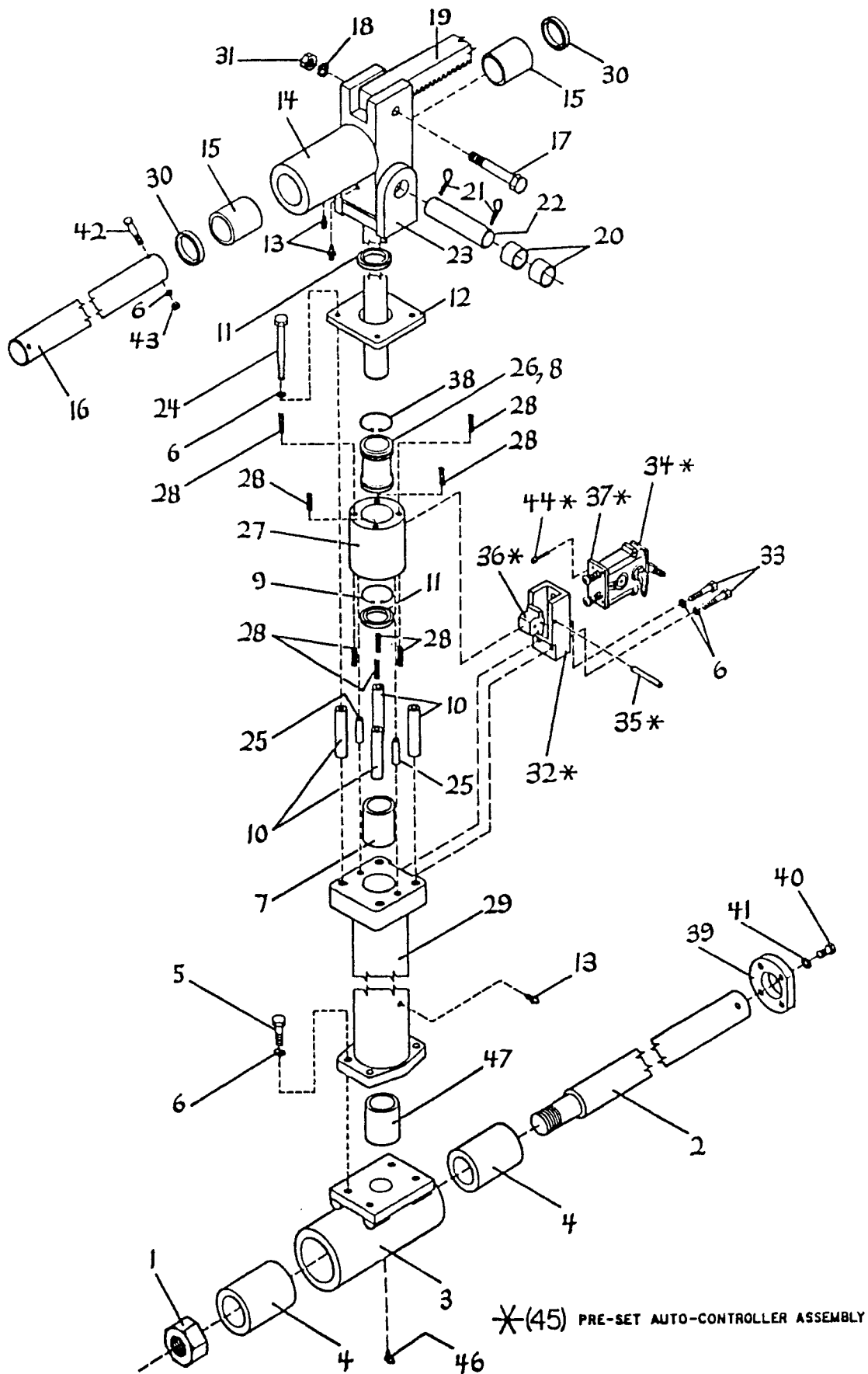
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ITEM	NUMBER	DESCRIPTION	REQD
1	5-1000	LARGE BOOM	1
2	4-1067	MIDDLE BOOM	1
3	4-1066	SMALL BOOM	1
4	7-316-04	CYLINDER / BOOM	REF
5	4-1079-4	GEAR / 120 TEETH (1)	REF
6	4-1079-5	GEAR / 25 TEETH (1)	REF
7	4-1079-6	GEAR / 15 TEETH (1)	REF
8	4-1078-4	RACK	REF
9	4-1079-1	SPROCKET / 27 TEETH (1)	REF
10	7-193-04	NEEDLE BEARING 1 1/4 ID (6)	4
11	6-6600-01	THRUST WASHER 1/8 x 1 1/4 ID (6)	REF
12	4-1073-10	PIN / COPY CHAIN DRIVE (1)	REF
13	4-1073-11	PIN / RACK DRIVE (1)	REF
14	1-1006	GUIDE / RACK (1)	REF
15	3-1044-2	COLLAR (1)	REF
16	3-1044-3	WASHER (1)	REF
17	6-5206-12	CAPSCREW 3/8 NC x 1 1/2 LG. (2)	REF
18	6-6211-06	LOCKWASHER 3/8	14
19	6-5308-12	CAPSCREW 1/2 NF x 1 1/2 LG. (1)	REF
20	6-6211-08	LOCKWASHER 1/2	8
21	6-2324-10	COLLAR	REF
22	6-6238-14	ROLL PIN 3/8 x 1 3/4 LG. (4)	REF
23	6-6303	LUBE FITTING 1/8 NPT x 45	2
24	1-1020	SPACER (1)	REF
25	6-6280-01	KEY 1/4 SQ x 1 1/4 LG. (1)	REF
26	4-1073-2	PIN / BOTTOM-REAR-MID	1
27	4-1074-2	ROLLER / BOTTOM-REAR-MID	2
28	4-1073-3	PIN / TOP-REAR-MID	1
29	4-1074-1	ROLLER / TOP-REAR-MID	2
30	4-1074-8	HOSE SHEAVE	1
31	6-7004-690	HOSE / 08 x 08 x 345 LG.	REF
32	1-1013	LEAF CHAIN / 666	1
33	6-6600-05	THRUST WASHER 3/16 x 4 OD	8
34	7-193-07	NEEDLE BEARING / 2 ID	10
35	7-193-05	NEEDLE BEARING / 1 1/2 ID	12
36	6-6600-04	THRUST WASHER 3/16 x 3 1/2 OD	6
37	6-5206-24	CAPSCREW 3/8 NC x 3 LG.	3
38	6-6201-06	HEX NUT 3/8 NC	4
39	6-6275-03	SETSCREW 3/8 NF x 3/4 LG.	2
40	4-1074-3	ROLLER / TOP-BOT-REAR-SMALL	4
41	4-1073-1	PIN / TOP-BOT-REAR-SMALL	2
42	6-3008-01	PIN / PIVOT CHAIN ANCHOR	1
43	2-1052-3	PIN / CHAIN ANCHOR 666	1
44	3-1035-2	CHAIN ANCHOR / PIVOT 666	1
45	6-5206-20	CAPSCREW 3/8 NC x 2 1/2 LG.	3
46	6-6243-06	COTTER PIN 3/32 x 3/4 LG.	12
47	3-1044-1	PIN / CROSS SHAFT	1
48	3-1043	SUPPORT STUB	2
49	7-237-01	BEARING / CONE	2
50	7-237-02	BEARING / CUP	2
51	6-6700-01	RUBBER WASHER	2
52	6-6206-24	SELF LOCKING NUT 1 1/2 NF	11
53	6-5308-14	CAPSCREW 1/2 NF x 1 3/4 LG.	8
54	6-6275-01	SETSCREW 1/2 NF x 1 LG.	8

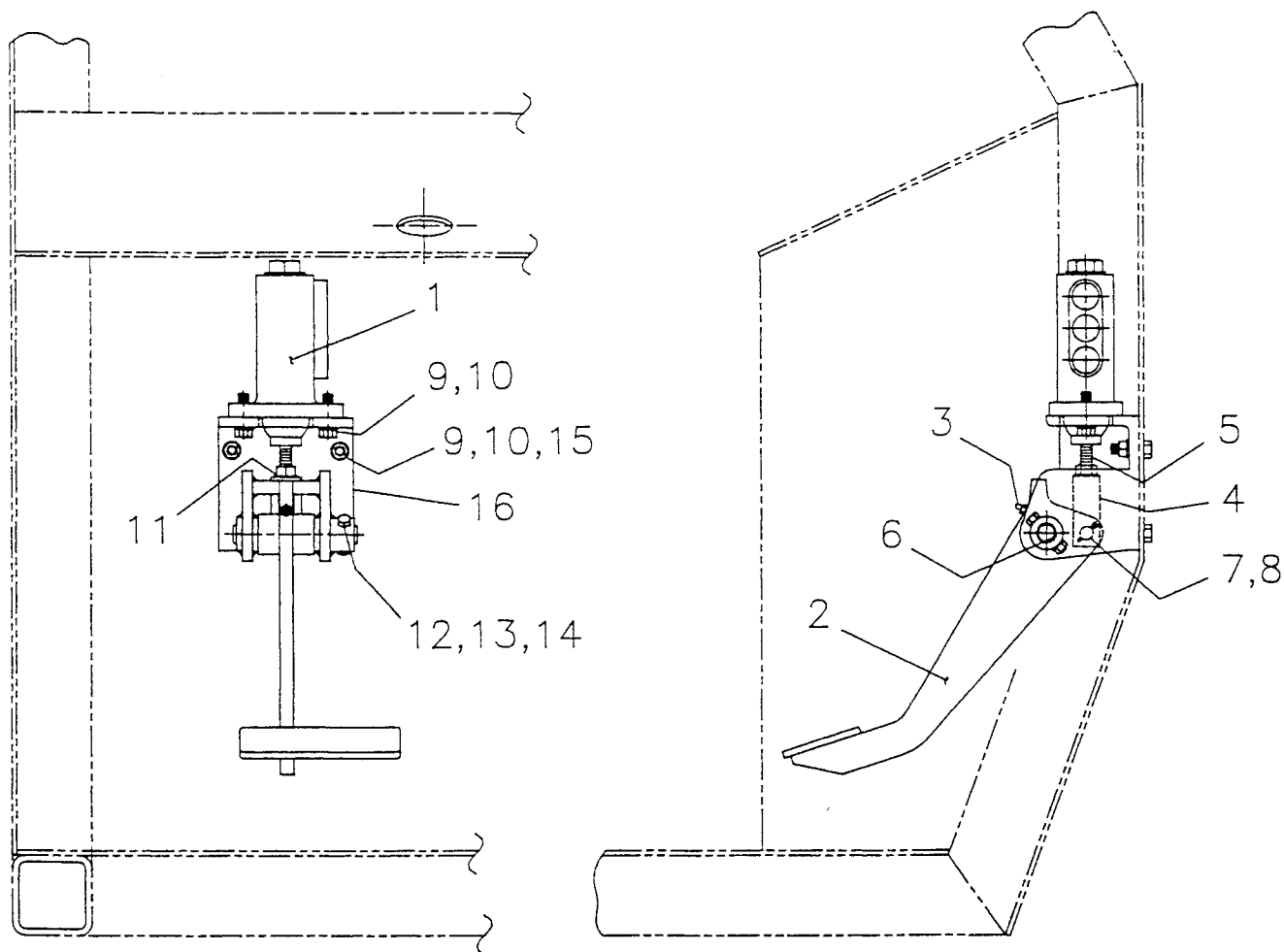
ITEM	NUMBER	DESCRIPTION	REQD
55	6-6301	LUBE FITTING 1/8 NPT ST.	6
56	6-6600-02	THRUST WASHER 3/16 x 3 OD	4
57	6-6600-03	THRUST WASHER 3/16 x 3 OD	2
58	4-1074-5	ROLLER / BOTTOM-FRONT-LARGE	2
59	4-1074-4	ROLLER / TOP-FRONT-LARGE-MIDDLE	4
60	6-6215-24	FLATWASHER 1 1/2	8
61	4-1073-5	PIN / TOP-FRONT-LARGE	1
62	4-1073-6	PIN / BOTTOM-FRONT-LARGE	1
63	3-1035-3	CHAIN ANCHOR / THD. 646	2
64	2-1052-1	PIN / CHAIN ANCHOR	5
65	1-1012	LEAF CHAIN / 646	2
66	2-1090	PIN / BASE BOOM CYLINDER	REF
67	6-5206-22	CAPSCREW 3/8 NC x 2 3/4 LG.	REF
68	1-1011	ROLLER CHAIN / 60 (1)	REF
69	7-193-06	NEEDLE BEARING / 2 ID	8
70	4-1074-6	ROLLER / BOTTOM-FRONT-MIDDLE	2
71	4-1074-7	CHAIN SHEAVE / 646	2
72	4-1073-4	PIN / TOP-FRONT-MIDDLE	1
73	4-1073-7	PIN / BOTTOM-FRONT-MIDDLE	1
74	4-1073-8	PIN / COPY IDLER SPROCKET (1)	REF
75	4-1073-9	PIN / COPY SPROCKET (1)	REF
76	4-1079-3	SPROCKET / 11 TEETH (1)	REF
77	4-1079-2	SPROCKET / 17 TEETH (1)	REF
78	7-193-03	NEEDLE BEARING / 3/4 ID (1)	REF
79	6-7014-294	HOSE / 08 x 10 x 147 LG.	REF
80	6-7014-294	HOSE / 08 x 10 x 147 LG.	REF
81	6-6238-14	ROLL PIN 3/8 x 1 3/4 LG. (1)	REF
82	6-6236-10	ROLL PIN 1/4 x 1 1/4 LG. (1)	REF
83	7-273-14	CLAMP ASSY / 1/2 HOSE / DOUBLE	REF
84	6-6201-08	HEX NUT 1/2 NC	REF
85	2-1051	MANIFOLD BLOCK	REF
86	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	6
87	3-1089	COVER / REAR ACCESS	1
88	3-1039-2	CHAIN ANCHOR / COPY (1)	REF
89	3-1038	CHAIN ADJUSTER (1)	REF
90	7-261-04	CONNECTING LINK / WITH CLIP (2)	REF
91	3-1037-2	CHAIN ANCHOR / 666	1
92	6-6215-16	FLATWASHER 1.0	3
93	6-6202-10	JAM NUT 5/8 NF (1)	REF
94	6-7004-690	HOSE / 08 x 08 x 345 LG.	REF
95	6-5208-30	CAPSCREW 1/2 NC x 3 3/4 LG.	REF
96	7-316-03	CYLINDER / TILT	REF
97	3-1054-1	PIN / BASE TILT CYLINDER	REF
98	2-1050	CLAMP / 1/2 HOSE	1
99	6-5206-18	CAPSCREW 3/8 NC x 2 1/4 LG.	2
100	7-142-01	SELF-LOCKING NUT / 1.00-12 THD.	4
101	2-1087-1	ADJUSTER ROD	1
102	6-6275-05	SETSCREW 5/8 NC x 1 LG.	1
103	3-1091	GUARD / TILT VALVE	1
104	7-194-01	SPRING / COMPRESSION	1
105	6-5208-40	CAPSCREW 1/2 NC x 5 LG.	REF
106	6-6452-04	FITTING / 08 OR x 08 JIC 45	REF
107	6-6453-09	FITTING / 08 OR x 08 JIC 90	REF
108	2-1087-2	SPACER	1

ITEM	NUMBER	DESCRIPTION	REQD
109	6-4516-24	BRONZE BUSHING	2
110	4-1716-1	SUPPORT / BOOM CYLINDER	1
111	6-5310-20	CAPSCREW 5/8 NF x 2 1/2 LG.	2
112	6-6202-10	HEX NUT 5/8 NF	2
113	6-6211-10	LOCKWASHER 5/8	2
114	3-1092	PIN / HEAD LIFT CYLINDER	REF
115	6-5206-16	CAPSCREW 3/8 NC x 2 LG. (1)	REF
116	6-9610-76	PLASTIC PIPE 1 1/2 ID	1
117	6-9610-64	PLASTIC PIPE 1 1/2 ID	1
118	6-6306	LUBE FITTING 1/4-28 STR.	8
119	6-6275-07	SETSCREW 5/8 NC x 5/8 LG.	1

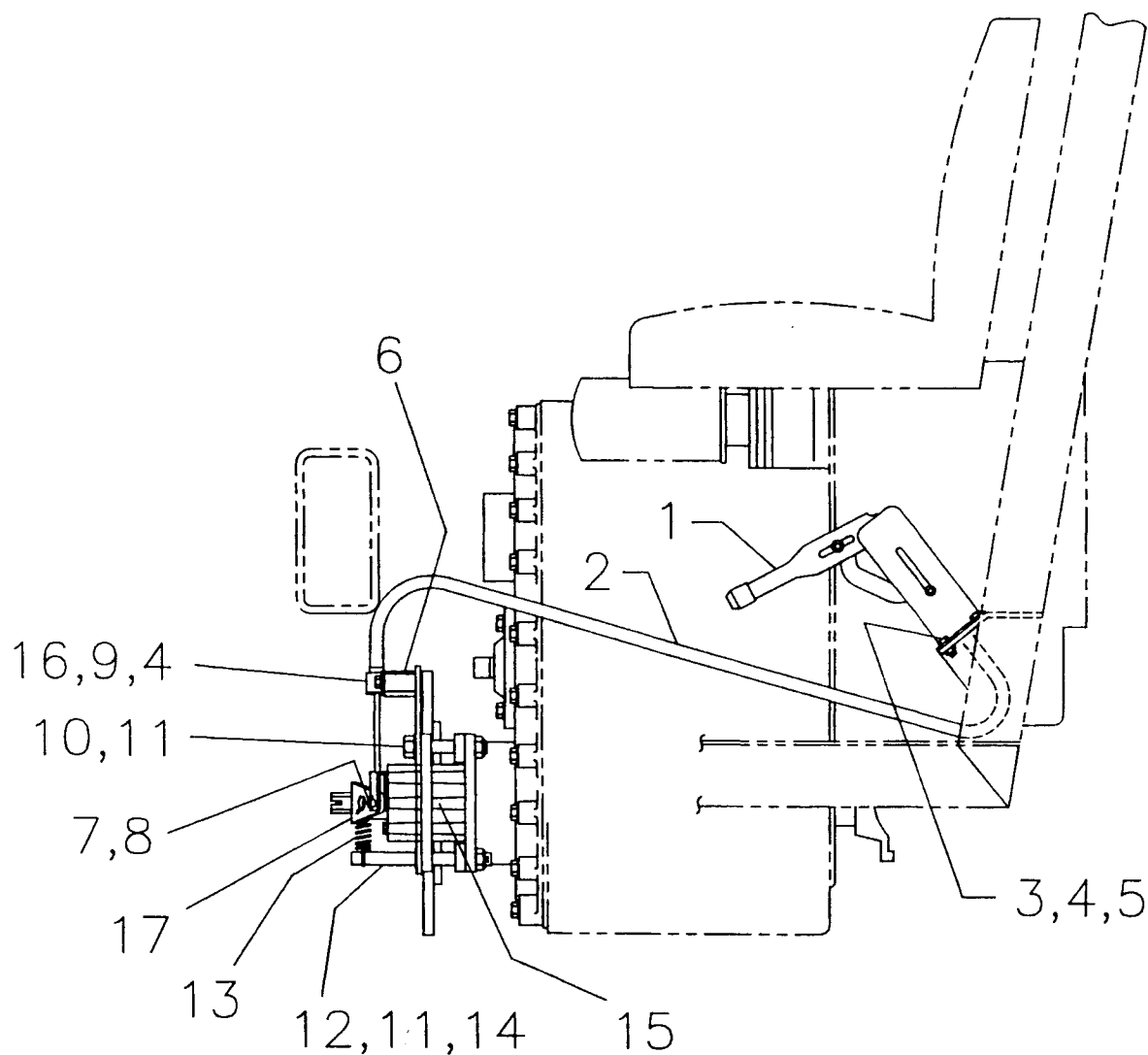
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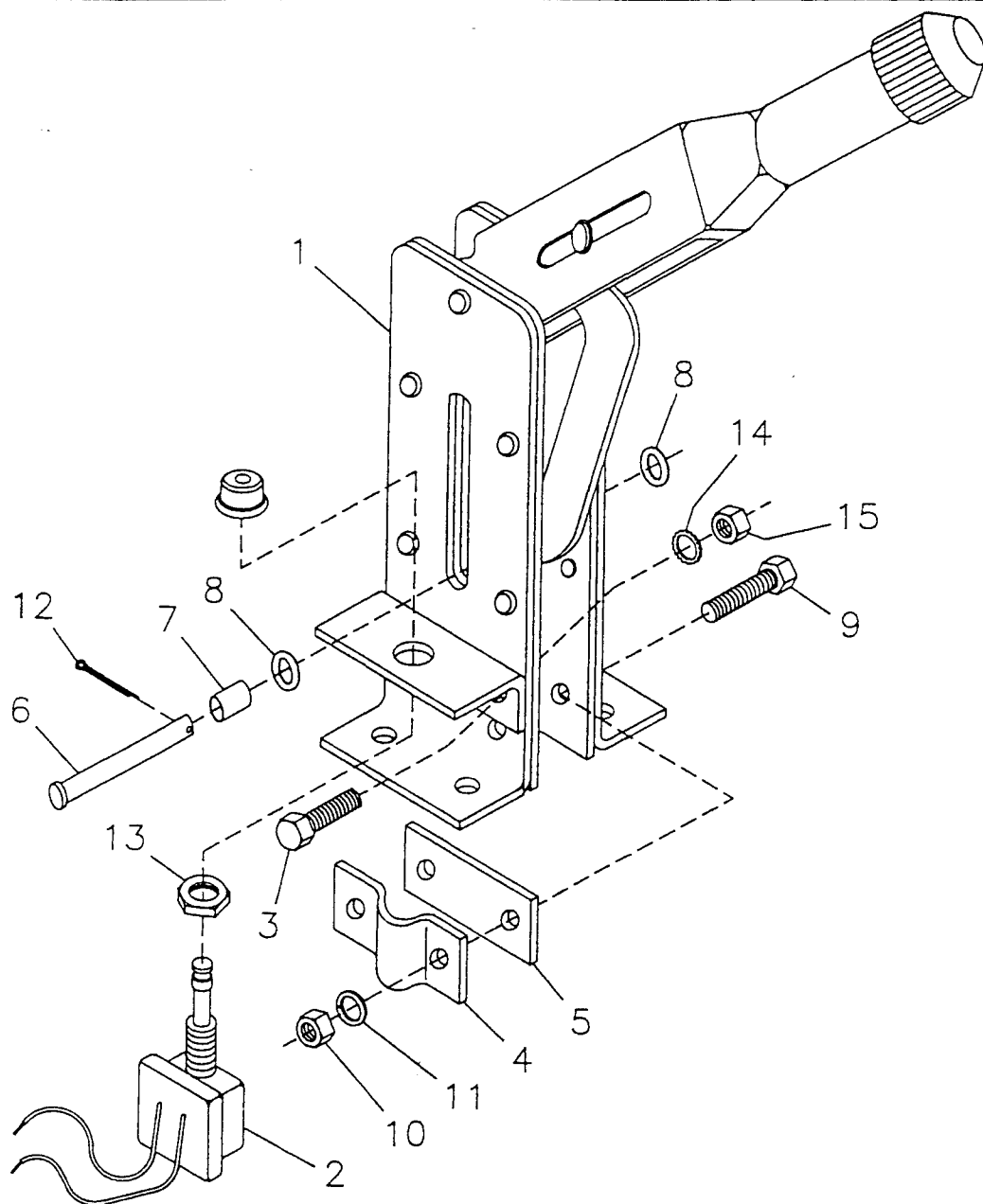
ITEM	NUMBER	DESCRIPTION	REQD
1	6-6202-24	HEX NUT 1 1/2 NF	1
2	4-1078-1	LOWER COPY SHAFT	1
3	4-1072	LOWER SLIDE	1
4	7-259-01	LINEAR BEARING	2
5	6-5206-12	CAPSCREW 3/8 NC x 1 1/2 LG.	4
6	6-6211-06	LOCKWASHER 3/8	11
7	6-4512-13	BRONZE BUSHING	1
8	7-209-60	O-RING 2 OD x 3/32	2
9	7-239-02	SNAP RING	1
10	1-1010	SPACER	4
11	7-209-32	WIPER 1 1/2 ID	2
12	3-1078	COVER PLATE	1
13	6-6301	LUBE FITTING 1/8 NPT STR.	3
14	4-1071	UPPER SLIDE	1
15	7-193-01	BEARING / INNER RACE	2
16	4-1078-3	UPPER COPY SHAFT	1
17	6-5310-32	CAPSCREW 5/8 NF x 4 LG.	1
18	6-6211-10	LOCKWASHER 5/8	1
19	4-1078-4	RACK	1
20	1-1035	BRONZE BUSHING	2
21	7-194-39	HAIR PIN COTTER	2
22	4-1078-2	PIN / YOKE	1
23	3-1042	LIFT COPY SHAFT	1
24	6-5206-36	CAPSCREW 3/8 NC x 4 1/2 LG.	4
25	6-6223-16	DOWEL 3/8 x 2 LG.	2
26	3-1077	BRAKE SLEEVE	1
27	3-1076	BRAKE HOUSING	1
28	7-167-05	SPRING / CENTERING	8
29	4-1077	SUPPORT TUBE	1
30	7-209-33	WIPER 2 ID	2
31	6-6202-10	HEX NUT 5/8 NF	1
32	3-1067-1	MOUNT / AUTO CONTROLLER	1
33	6-5206-14	CAPSCREW 3/8 NC x 1 3/4 LG.	2
34	7-200-82	CONTROLLER / AUTO	REF
35	6-6222-16	DOWEL 5/16 x 2 LG.	1
36	3-1067-2	ROCKER ARM	1
37	1-1089	SPACER PLATE / MODIFIED	1
38	7-239-03	SNAP RING	1
39	3-1031-1	MOUNT / LOWER SHAFT	1
40	6-5208-16	CAPSCREW 1/2 NC x 2 LG.	4
41	6-6211-08	LOCKWASHER 1/2	4
42	6-5606-24	CAPSCREW 3/8 NC x 3 LG.	1
43	6-6201-06	HEX NUT 3/8 NC	1
44	7-194-10	CAPSCREW / 5MM x 20 MM LG.	4
45	7-900-08	ASSEMBLY (ITEMS 32, 34, 35, 36, 37, 44)	REF
46	6-6303	LUBE FITTING 1/8 NPT 45	1
47	6-4512-16	BRONZE BUSHING	1



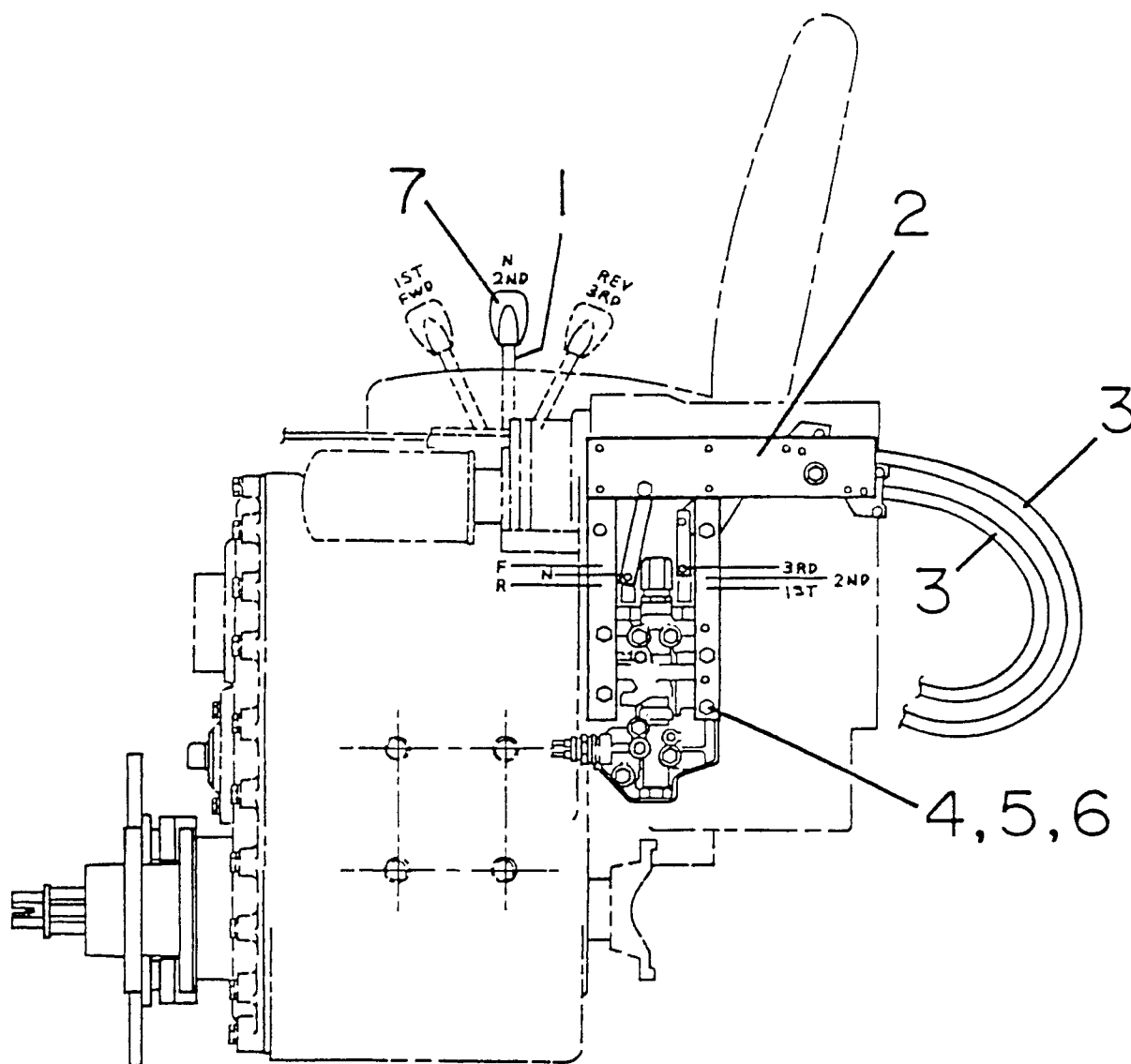
ITEM	NUMBER	DESCRIPTION	REQD
1	7-198-39	ACTUATOR / BRAKE	REF
2	3-1148	PEDAL / BRAKE	1
3	6-6306	LUBE FITTING 1/4-28 THD.	1
4	1-1008	YOKE / BRAKE	1
5	1-1009	PUSH ROD	1
6	2-1117	PIN / BRAKE PEDAL	1
7	6-6261-12	CLEVIS PIN 1/2 x 1 1/2 LG.	1
8	6-6245-08	COTTER PIN 5/32 x 1 LG.	1
9	6-5206-10	CAPSCREW 3/8 NC x 1 1/4 LG.	5
10	6-6211-06	LOCKWASHER 3/8	5
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
15	6-6201-06	HEX NUT 3/8 NC	3
16	4-1582	MOUNT / BRAKE PEDAL	1



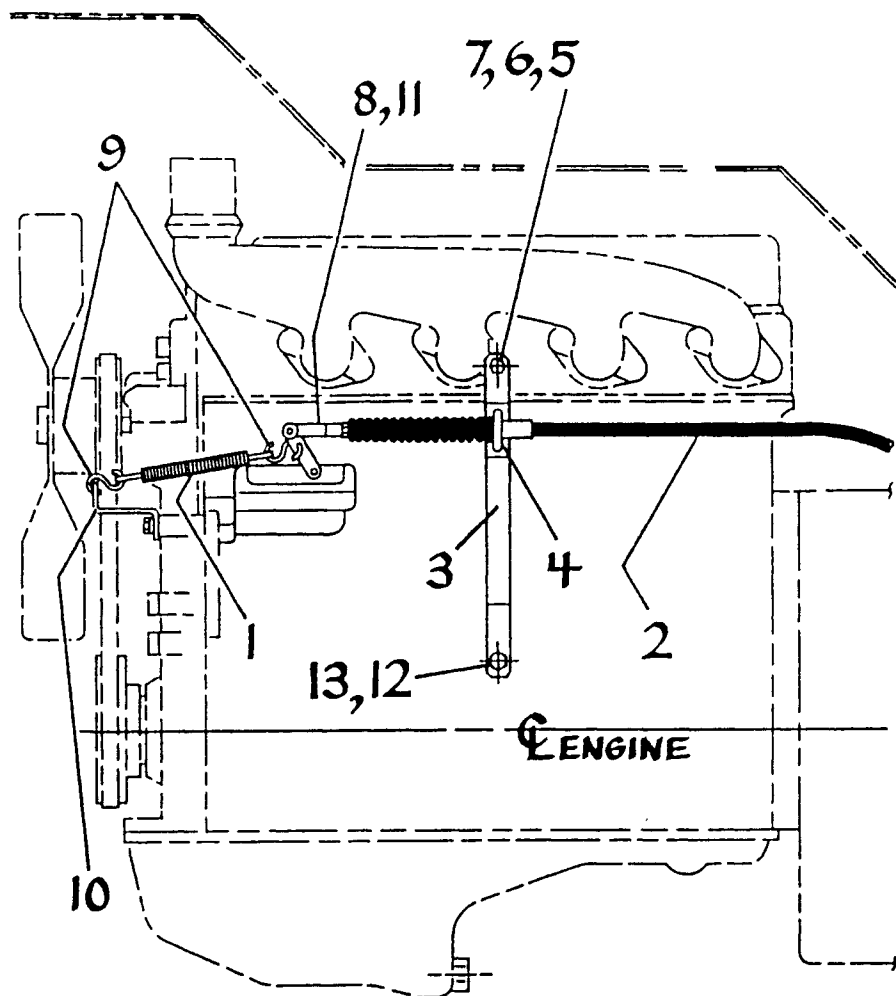
ITEM	NUMBER	DESCRIPTION	REQD
1	7-120-09	HAND BRAKE ASSY	1
2	7-208-03	CABLE / PARKING BRAKE	1
3	6-5205-08	CAPSCREW 5/16 NC x 1 LG.	4
4	6-6211-05	LOCKWASHER 5/16	6
5	6-6201-05	HEX NUT 5/16 NC	4
6	3-1333	MOUNT / DISC BRAKE CABLE	1
7	6-6259-06	CLEVIS PIN 3/8 x 3/4 LG.	1
8	6-6245-08	COTTER PIN 5/32 x 1 LG.	1
9	7-208-02	CLIP / CABLE MOUNTING	1
10	6-5310-32	CAPSCREW 5/8 NF x 4 LG.	1
11	7-290-02	SELF LOCKING JAM NUT 5/8 NF	2
12	1-1145	PIN / PARKING BRAKE SPRING	1
13	7-194-52	SPRING / PARKING BRAKE	1
14	7-194-51	SNAP RING / PARKING BRAKE	1
15	7-336-01	CALIPER BRAKE ASSEMBLY	1
16	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	2
17	2-1172	BRAKE LEVER MODIFICATION	REF



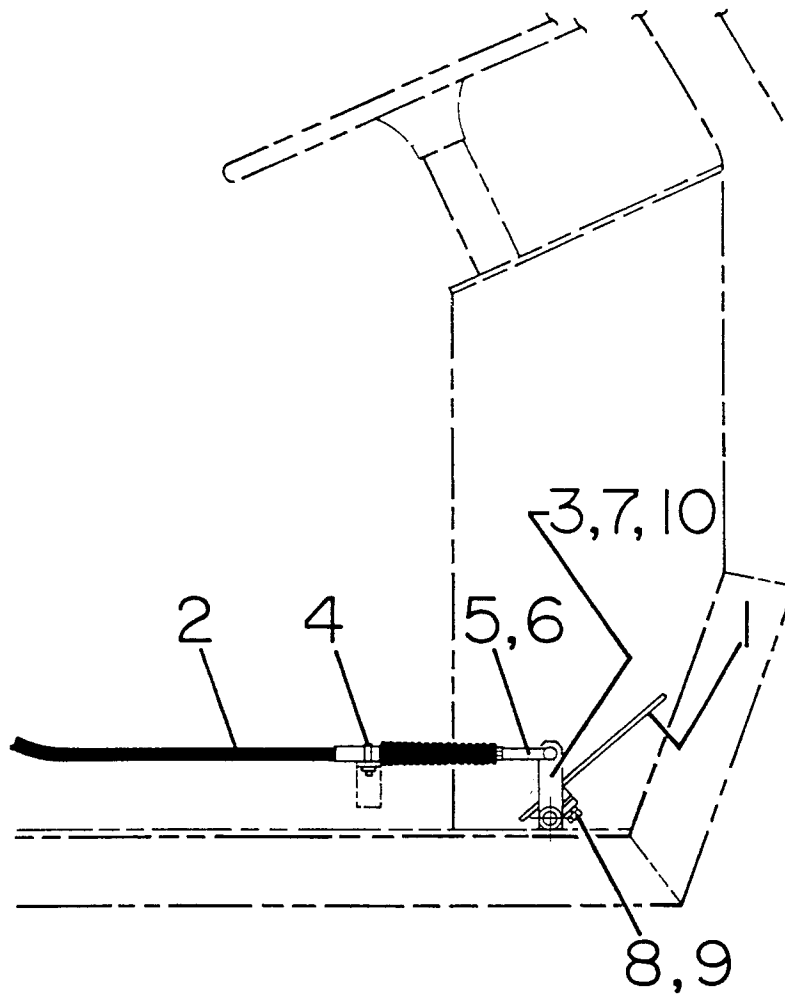
ITEM	NUMBER	DESCRIPTION	REQD
1	7-120-09	HAND BRAKE ASSEMBLY	REF
2	7-120-10	SWITCH KIT	1
3	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	2
4	7-120-04	CLAMP	1
5	7-120-05	CLAMP BASE	1
6	6-6258-18	CLEVIS PIN 5/16 x 2 1/4 LG. SS	1
7	7-120-07	SPACER	1
8	7-120-06	WASHER	2
9	6-5205-08	CAPSCREW 5/16 NC x 1 LG.	2
10	6-6201-05	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



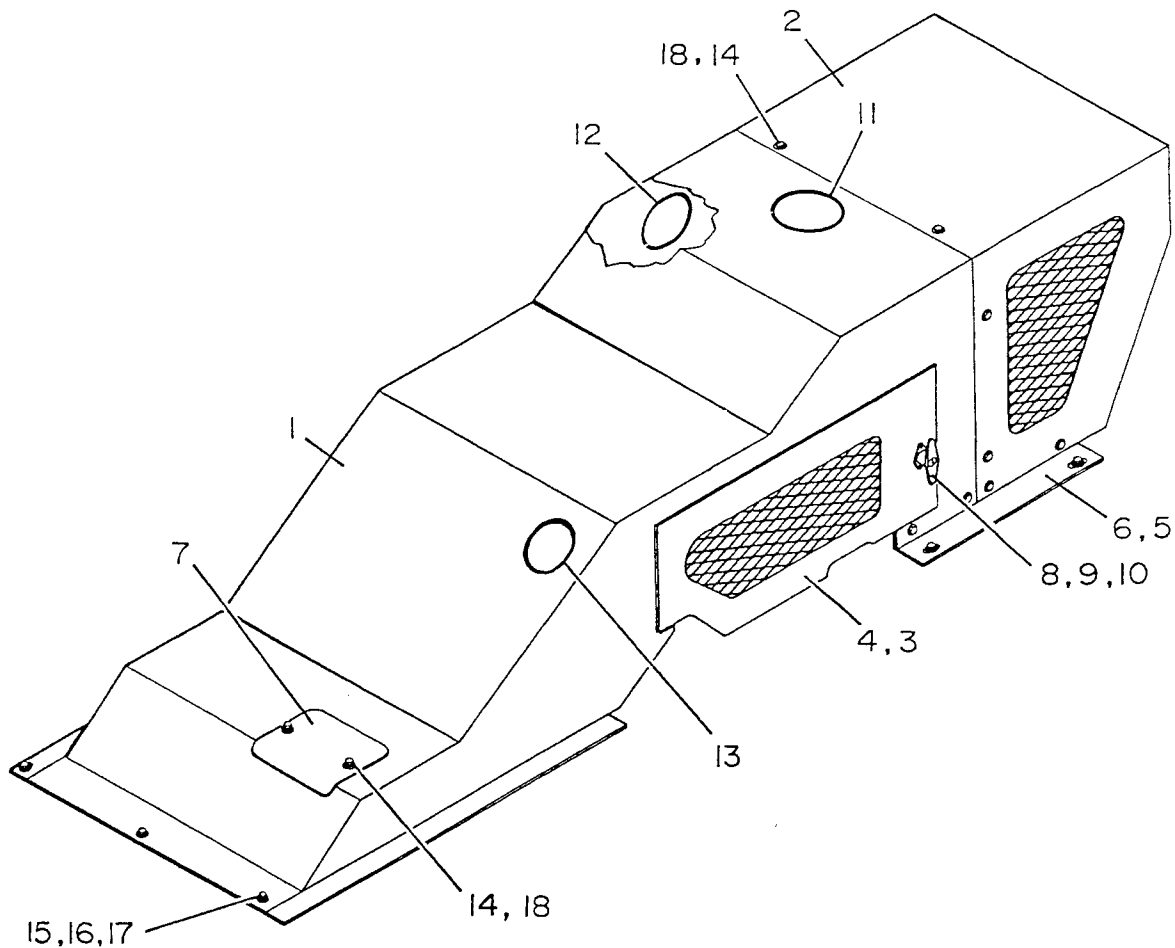
ITEM	NUMBER	DESCRIPTION	REQD
1	7-249-01	TRANSMISSION CONTROL ASSY	1
2	7-249-15	TRANSMISSION SHIFTING KIT	1
3	7-120-01	CONTROL CABLE	2
4	7-194-12	STUD 3/8 NC x 5 LG.	4
5	6-6211-06	LOCKWASHER 3/8	4
6	6-6201-06	HEX NUT 3/8 NC	4
7	7-249-13	SHIFTING KNOB / TRANSMISSION	REF



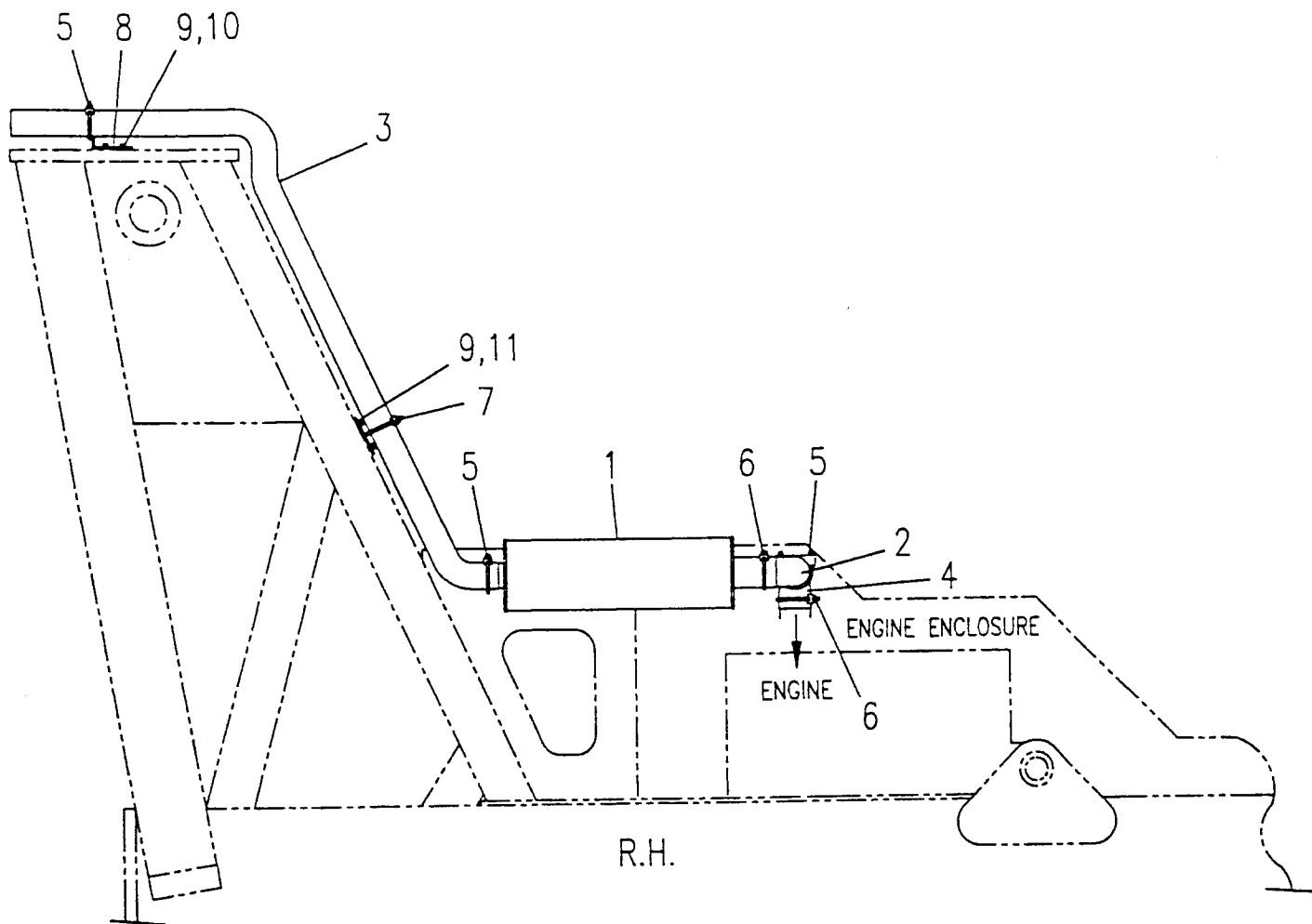
ITEM	NUMBER	DESCRIPTION	REQD
1	7-194-20	SPRING / RETURN	1
2	7-266-02	CABLE / ACCELERATOR	REF
3	3-1213	MOUNT / ACCELERATOR CABLE	1
4	7-194-07	U-BOLT W/ NUTS	1
5	6-5206-20	CAPSCREW 3/8 NC x 2 1/2 LG.	1
6	6-6211-06	LOCKWASHER 3/8	1
7	1-1029	SPACER	1
8	7-194-05	YOKE W/ CLEVIS PIN & COTTER PIN	1
9	7-194-18	S-HOOK	2
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



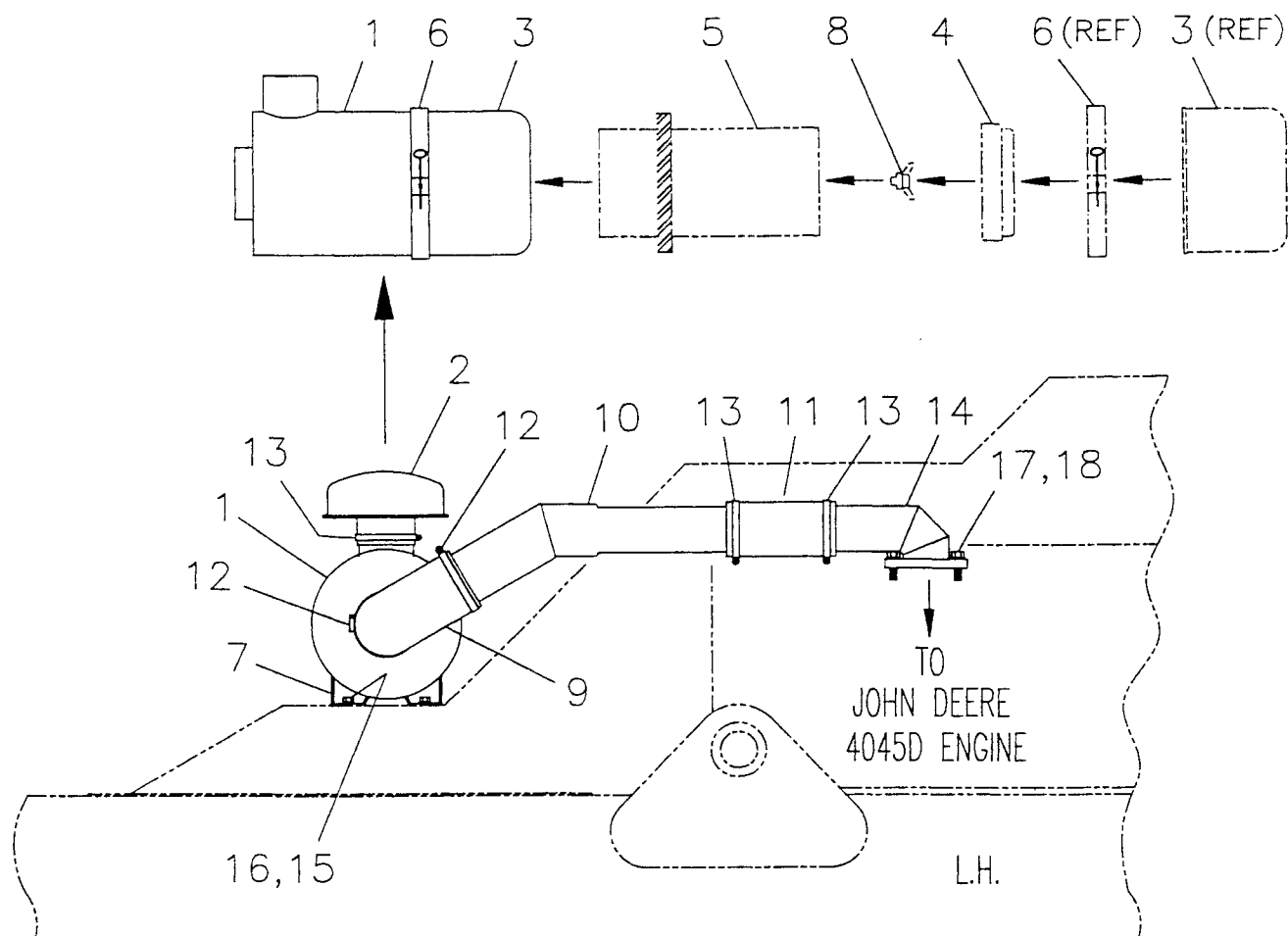
ITEM	NUMBER	DESCRIPTION	REQD
1	3-1080	PEDAL / ACCELERATOR	1
2	7-266-02	CABLE / ACCELERATOR	1
3	3-1081	LINKAGE / ACCELERATOR	1
4	7-194-07	U-BOLT W/ NUTS	1
5	7-194-05	YOKE W/ CLEVIS PIN & COTTER PIN	1
6	6-6208-04	JAM NUT 1/4-28 W/ CABLE	REF
7	6-6306	LUBE FITTING / 1/4-28 STR.	3
8	6-5204-08	CAPSCREW 1/4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



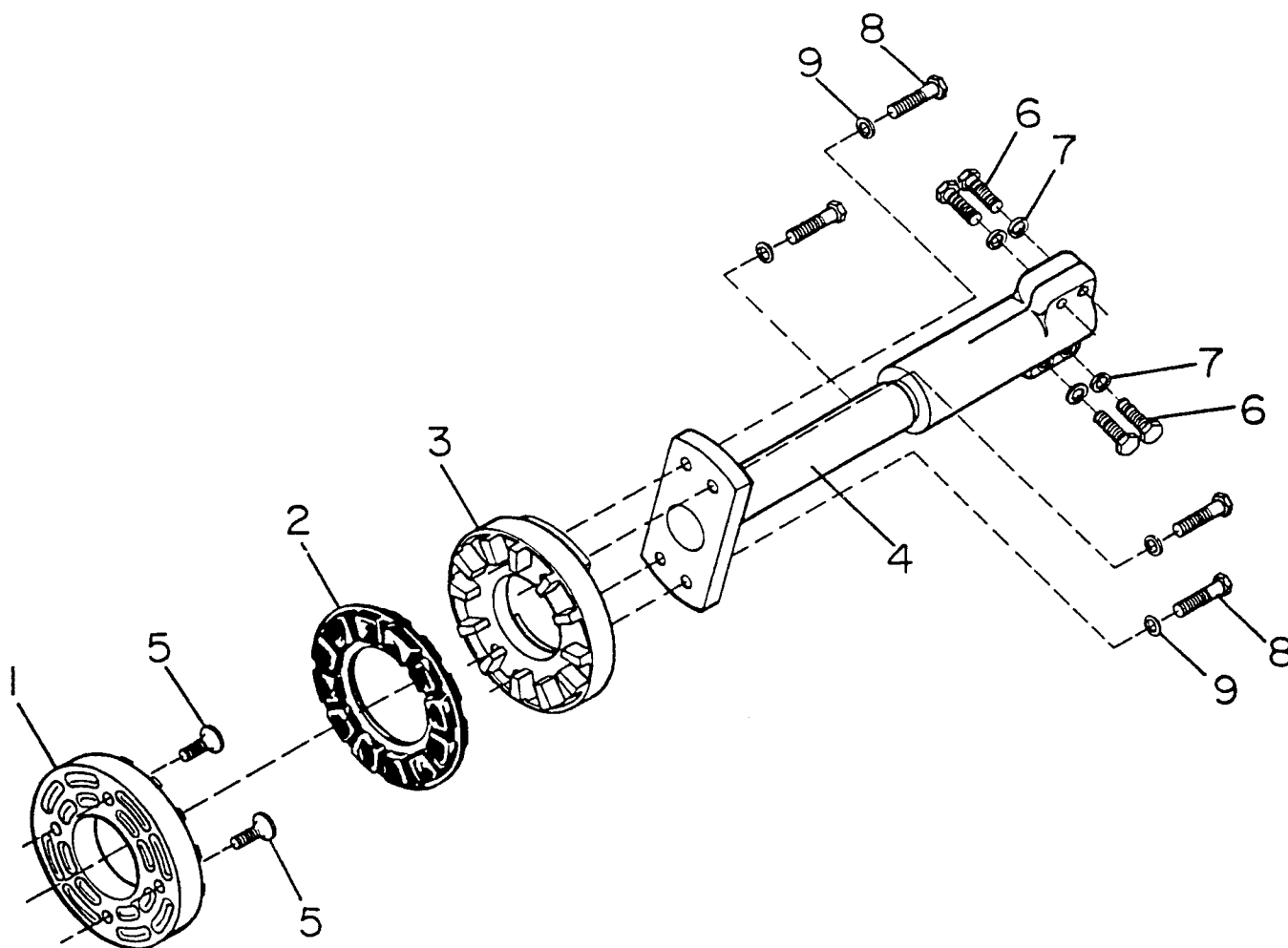
ITEM	NUMBER	DESCRIPTION	REQD
1	4-1388	HOUSING / FRONT	REF
2	4-1389	HOUSING / REAR	REF
3	4-1282-10	SIDE PANEL / RH	REF
4	4-1282-20	SIDE PANEL / LH	REF
5	2-1118-1	SUPPORT BRACKET / RH	REF
6	2-1118-2	SUPPORT BRACKET / LH	REF
7	2-1102	ACCESS COVER	REF
8	2-1105	HANDLE / LOCKING	1
9	6-6284-07	MACHINE SCREW #10-32 x 1/2 LG.	2
10	6-6286-06	HEX NUT #10-32	2
11	6-9601-161	EDGING 1/4 x 20 1/8 LG.	1
12	6-9601-110	EDGING 1/4 x 13 3/4 LG.	1
13	6-9601-130	EDGING 1/4 x 16 1/4 LG.	1
14	7-290-01	BODY BOLT 5/16 NC x 3/4 LG. (18)	REF
15	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	9
16	6-6211-06	LOCKWASHER 3/8	9
17	6-6212-06	FLATWASHER 3/8	9
18	6-6212-04	FLATWASHER 1/4	18
19	4-1387	ENGINE ENCLOSURE (ITEMS 1-7, 14, 18)	1



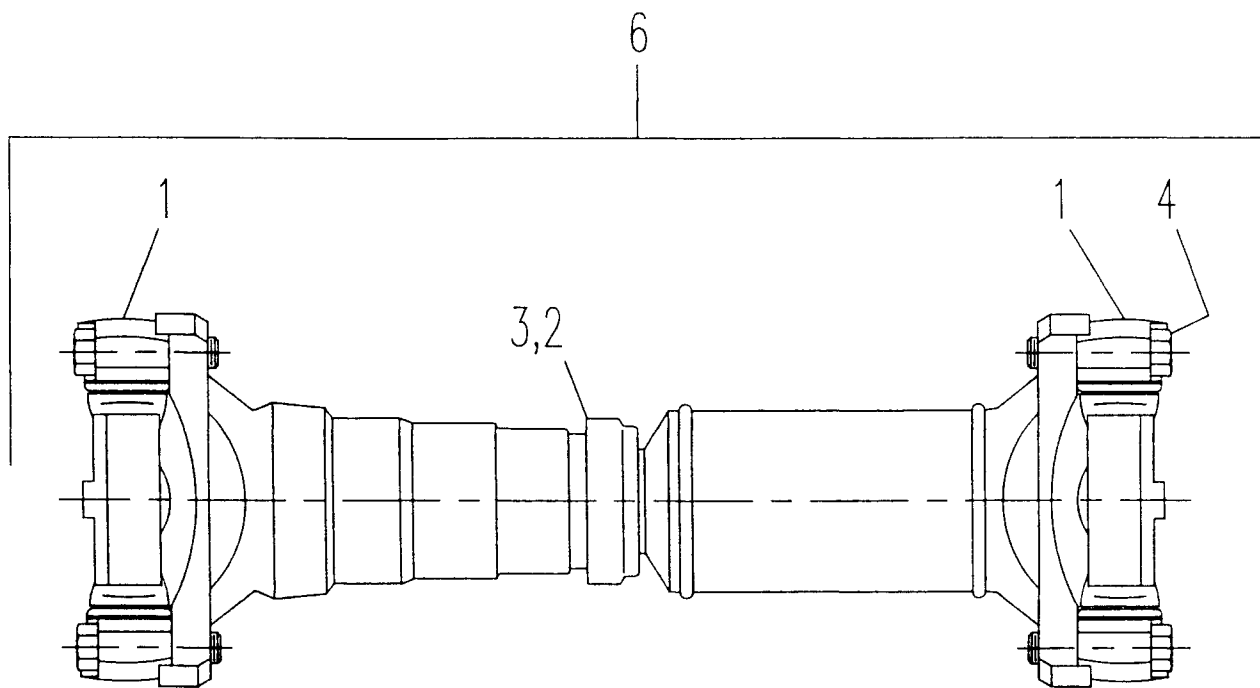
ITEM	NUMBER	DESCRIPTION	REQD
1	2-1112	MUFFLER	1
2	3-1206	EXHAUST ELBOW	1
3	4-1369	TAILPIPE	1
4	3-1093	EXHAUST ELBOW	1
5	7-284-02	MUFFLER CLAMP 2 1/4 DIA	3
6	7-284-03	MUFFLER CLAMP 2 1/2 DIA	2
7	2-1114	CLAMP WELDMENT	1
8	1-2018	BRACKET / TAILPIPE	1
9	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	4
10	6-6212-06	FLATWASHER 3/8	2
11	6-6211-06	LOCKWASHER 3/8	4



ITEM	NUMBER	DESCRIPTION	REQD
1	7-135-01	AIR CLEANER ASSEMBLY	1
2	7-135-03	HOOD	1
3	7-135-10	CUP ASSEMBLY	REF
4	7-135-09	BAFFLE ASSEMBLY	REF
5	7-135-07	ELEMENT ASSEMBLY	REF
6	7-135-08	CLAMP ASSEMBLY / BODY	REF
7	7-135-02	MOUNTING BAND	2
8	7-135-11	THUMB SCREW	REF
9	7-135-05	RUBBER ELBOW 3 ID x 90	1
10	3-1214	ADAPTOR TUBE	1
11	6-9612-48	RUBBER HOSE 2.5 ID x 6 LG.	1
12	6-6252-13	CLAMP / WORM	2
13	6-6252-12	CLAMP / WORM	3
14	4-1216	AIR INLET	1
15	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	4
16	6-6211-05	LOCKWASHER 5/16	4
17	6-5206-10	CAPSCREW 3/8 NC x 1 1/4 LG.	REF
18	6-6211-06	LOCKWASHER 3/8	REF

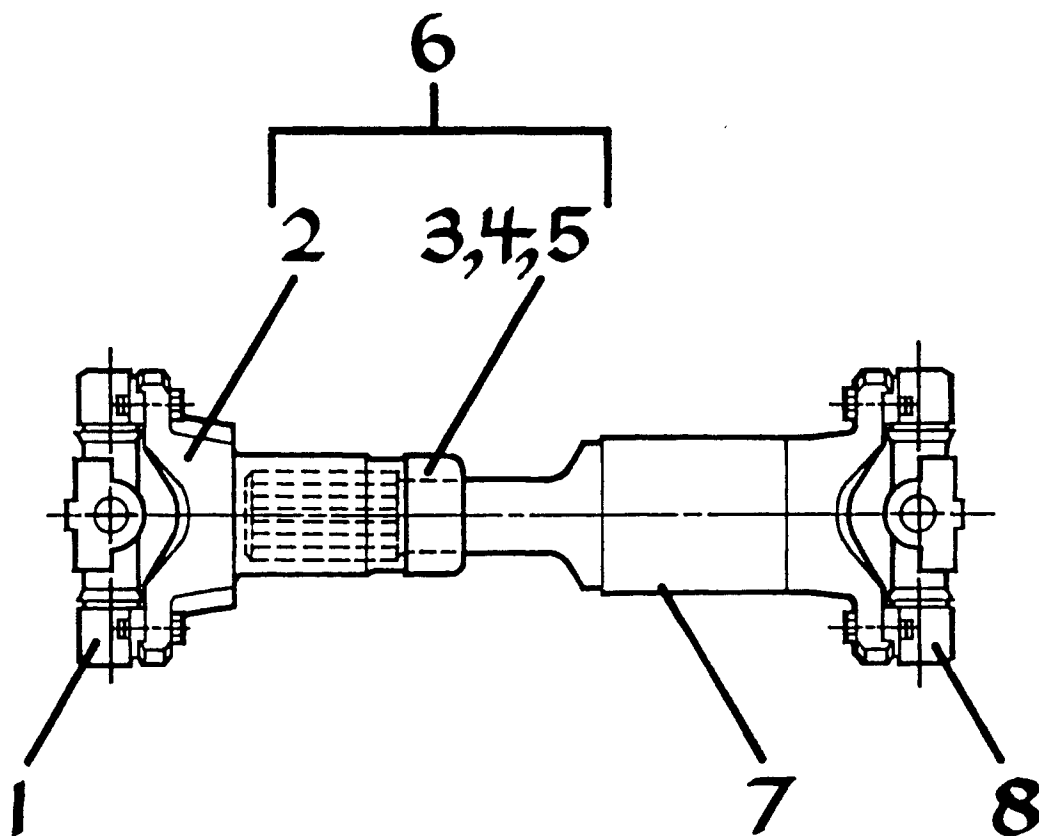


ITEM	NUMBER	DESCRIPTION	REQD
1	7-183-04	COUPLING / ENGINE SIDE	REF
2	7-183-02	CUSHION	REF
3	7-183-03	COUPLING / PUMP SIDE	REF
4	3-1171	DRIVE SHAFT	1
5	7-183-16	SCREW (2)	REF
6	6-5206-12	CAPSCREW 3/8 NC x 1 1/2 LG.	4
7	6-6211-06	LOCKWASHER 3/8	4
8	6-5206-12	CAPSCREW 3/8 NC x 1 1/2 LG.	4
9	6-6211-06	LOCKWASHER 3/8	4
10	7-183-35	PUMP DRIVESHAFT ASSY (ITEMS 1-5)	REF

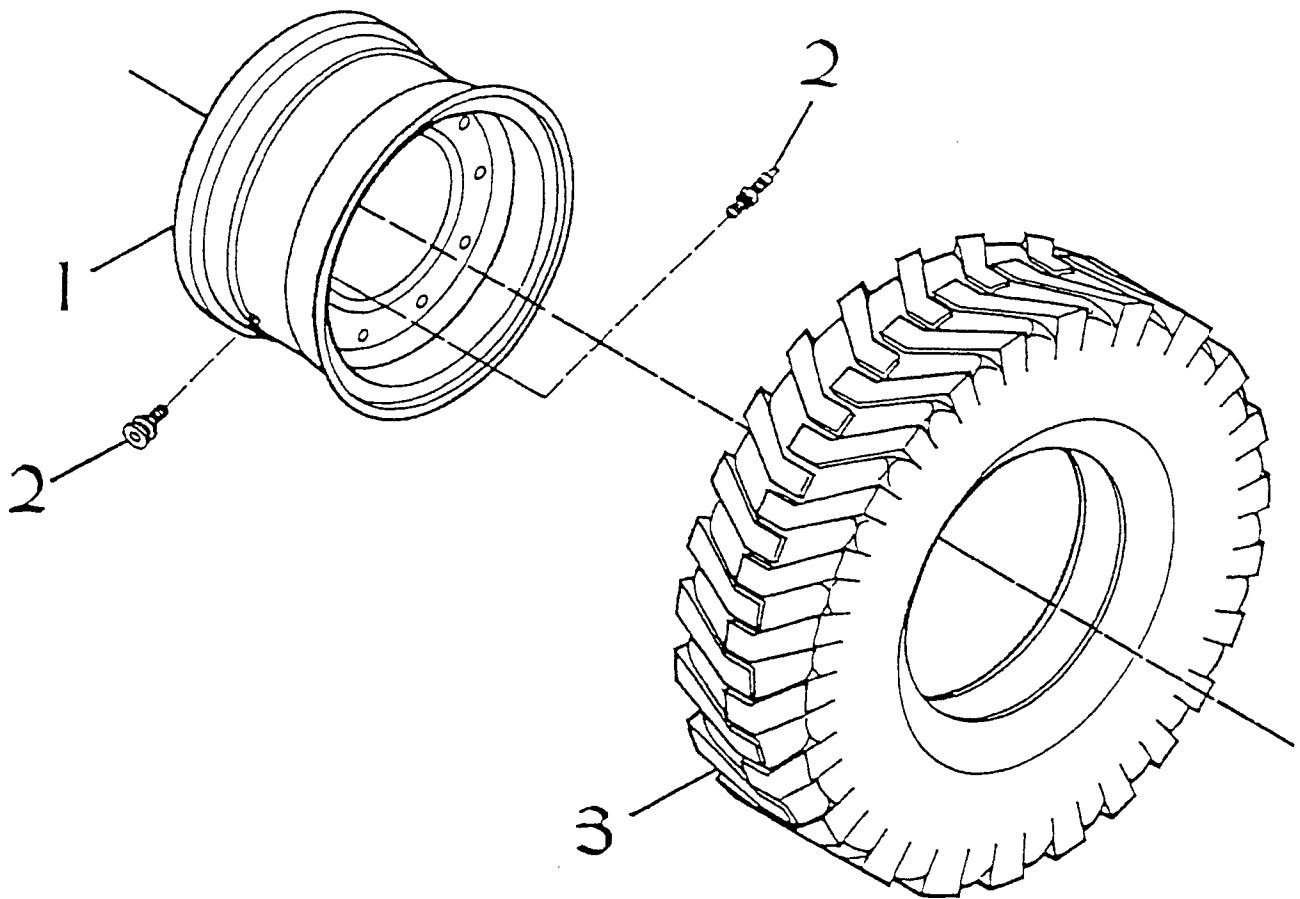


ITEM	NUMBER	DESCRIPTION	REQD
1	7-346-19	CROSS & BEARING ASSEMBLY	2
2	7-346-22	SEAL / DOUBLE LIP	1
3	7-346-21	DUST CAP / PLASTIC	1
4	7-346-20	CAPSCREW	8
5	7-346-02	DRIVESHAFT (w/o ITEMS 1 & 4)	REF
6	7-346-01	DRIVESHAFT ASSEMBLY	REF

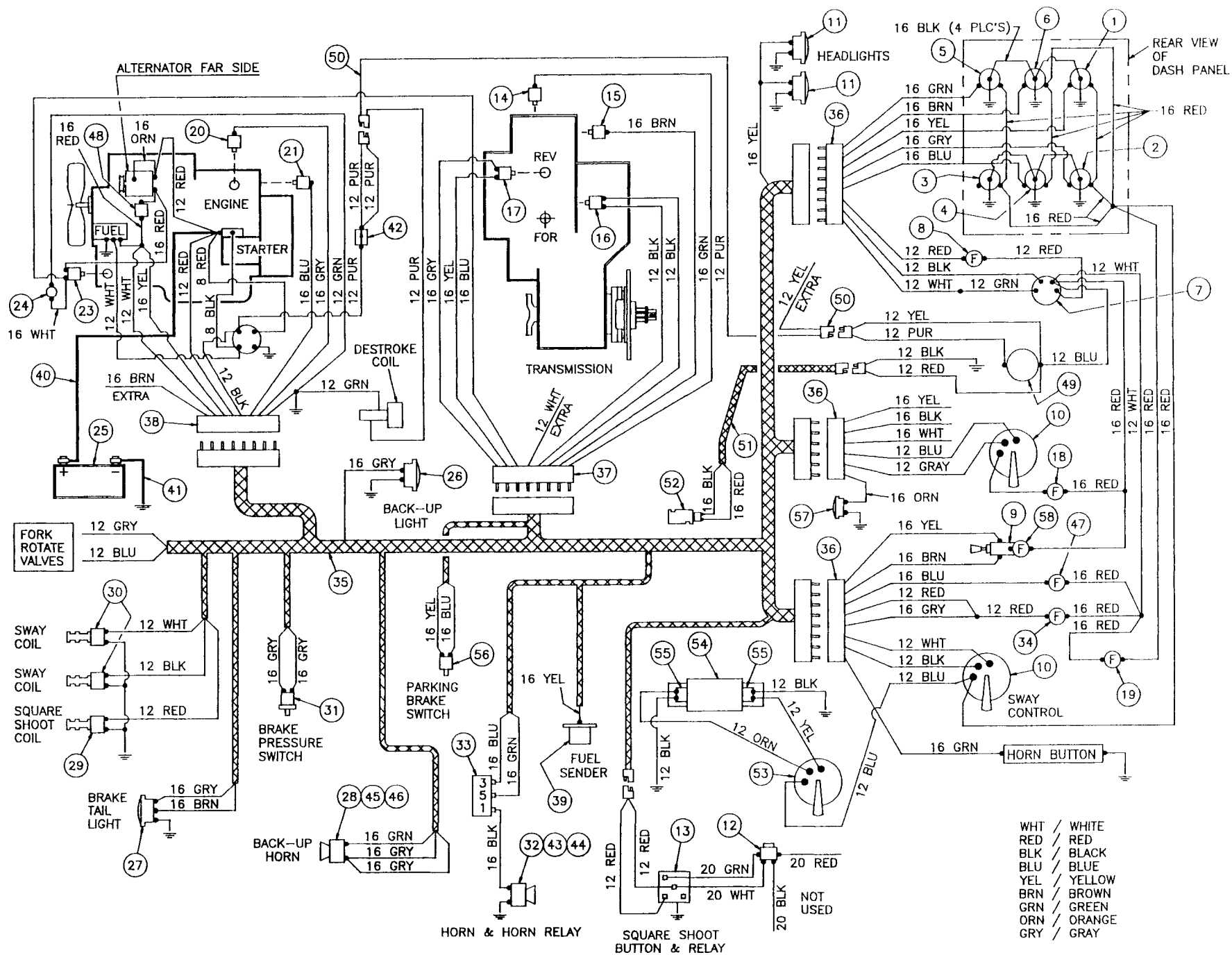
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ITEM	NUMBER	DESCRIPTION	REQD
1	7-196-02	CROSS & BEARING ASSEMBLY	1
2	7-196-06	SLIP YOKE	1
3	7-196-07	RETAINING CAP	1
4	7-196-08	RETAINING WASHER	1
5	7-196-09	FELT WASHER	1
6	7-196-05	SLIP YOKE ASSEMBLY	1
7	7-196-26	TUBE WELDMENT	1
8	7-196-02	CROSS & BEARING ASSEMBLY	1
9	7-196-22	DRIVESHAFT ASSY (ITEMS 1 THRU 8)	REF



ITEM	NUMBER	DESCRIPTION	REQD
1	7-320-01	WHEEL	1
2	7-286-01	VALVE STEM / AIR-CHLORIDE-FOAM	1
3	7-150-01	TIRE 13.00 x 24	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	7-127-10	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	7-338-01	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	4-1808	HARNESS / MAIN POWER / VALVE	1
36	4-1807	HARNESS / INSTRUMENT PANEL	1
37	3-1358	HARNESS / TRANSMISSION	1
38	4-1806	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	2-1185	HARNESS / PUMP DESTROKE	1
51	1-1198	HARNESS / CONTROLLER RELIEF	1
52	7-244-50	VALVE / CONTROLLER RELIEF	REF

7-4-97-28A/1

DRAWING
NUMBER P4-1822

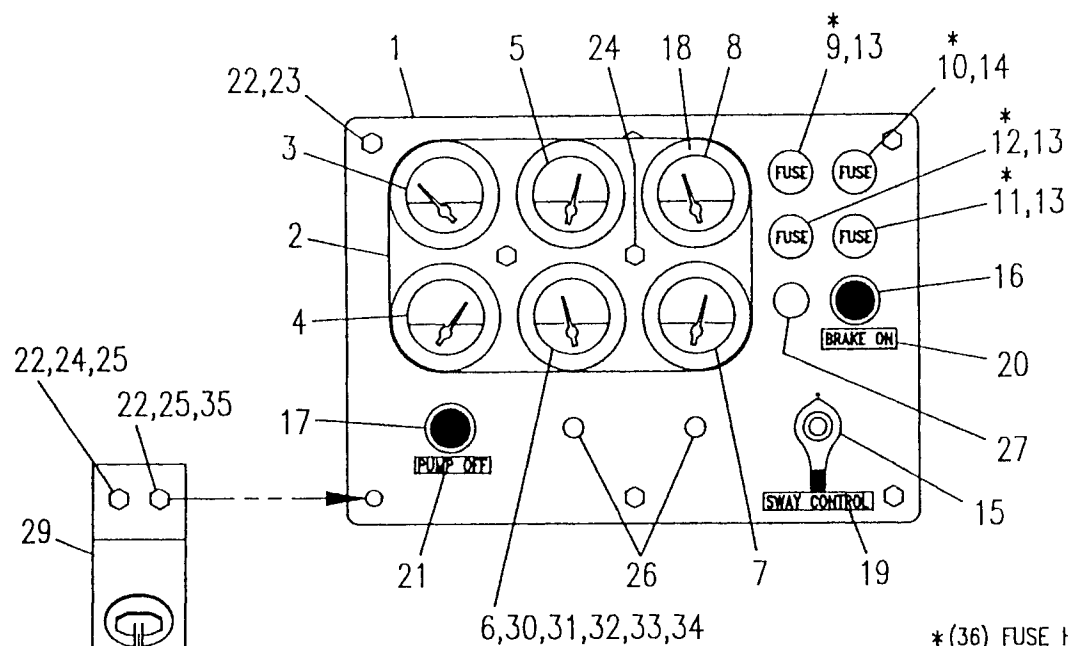
WIRING DIAGRAM
SS-636 / SS-836

PAGE
NUMBER 28A

ITEM	NUMBER	DESCRIPTION	REQD
53	7-127-14	SWITCH / STEERING SELECT	1
54	7-344-01	STEERING VALVE / ELECTRIC	REF
55	7-244-27	DIN CONNECTOR / STEERING VALVE	2
56	7-120-10	SWITCH / PARKING BRAKE	REF
57	7-127-05	LIGHT / WARNING	REF
58	7-117-03	FUSE / 20 AMP	REF

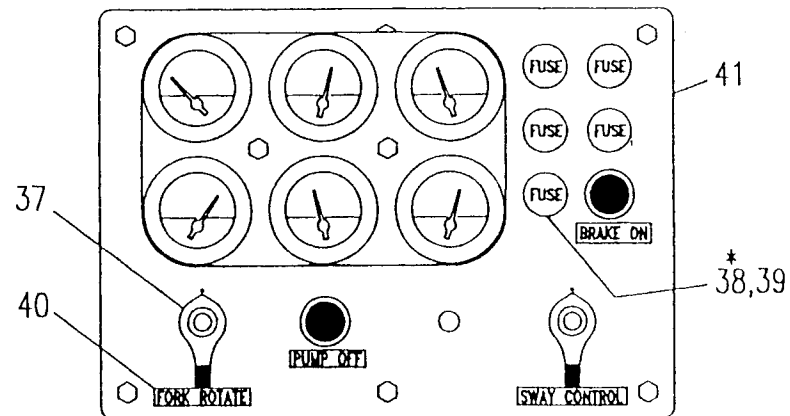
7-4-97-28B/1

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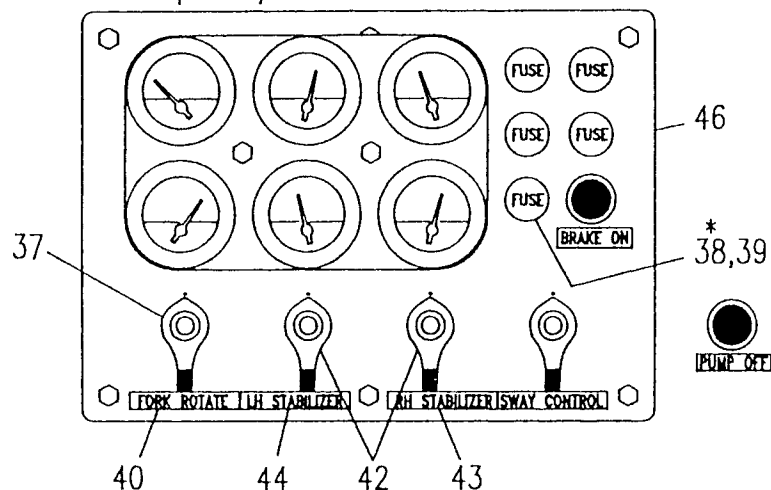


*(36) FUSE HOLDER w/PLUG

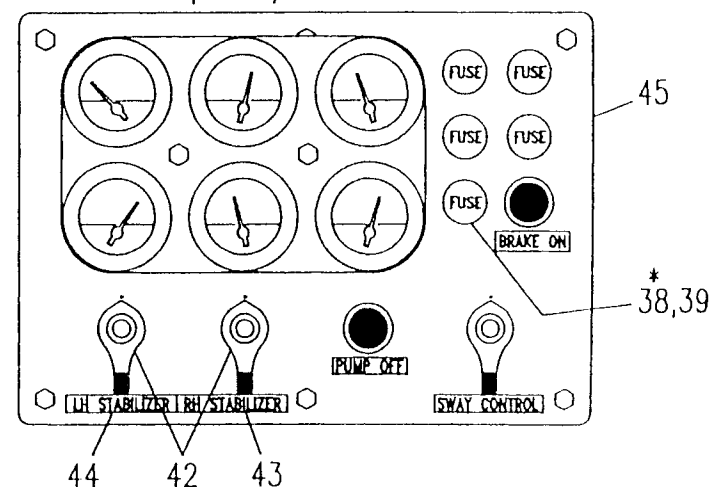
Option / Fork Rotate



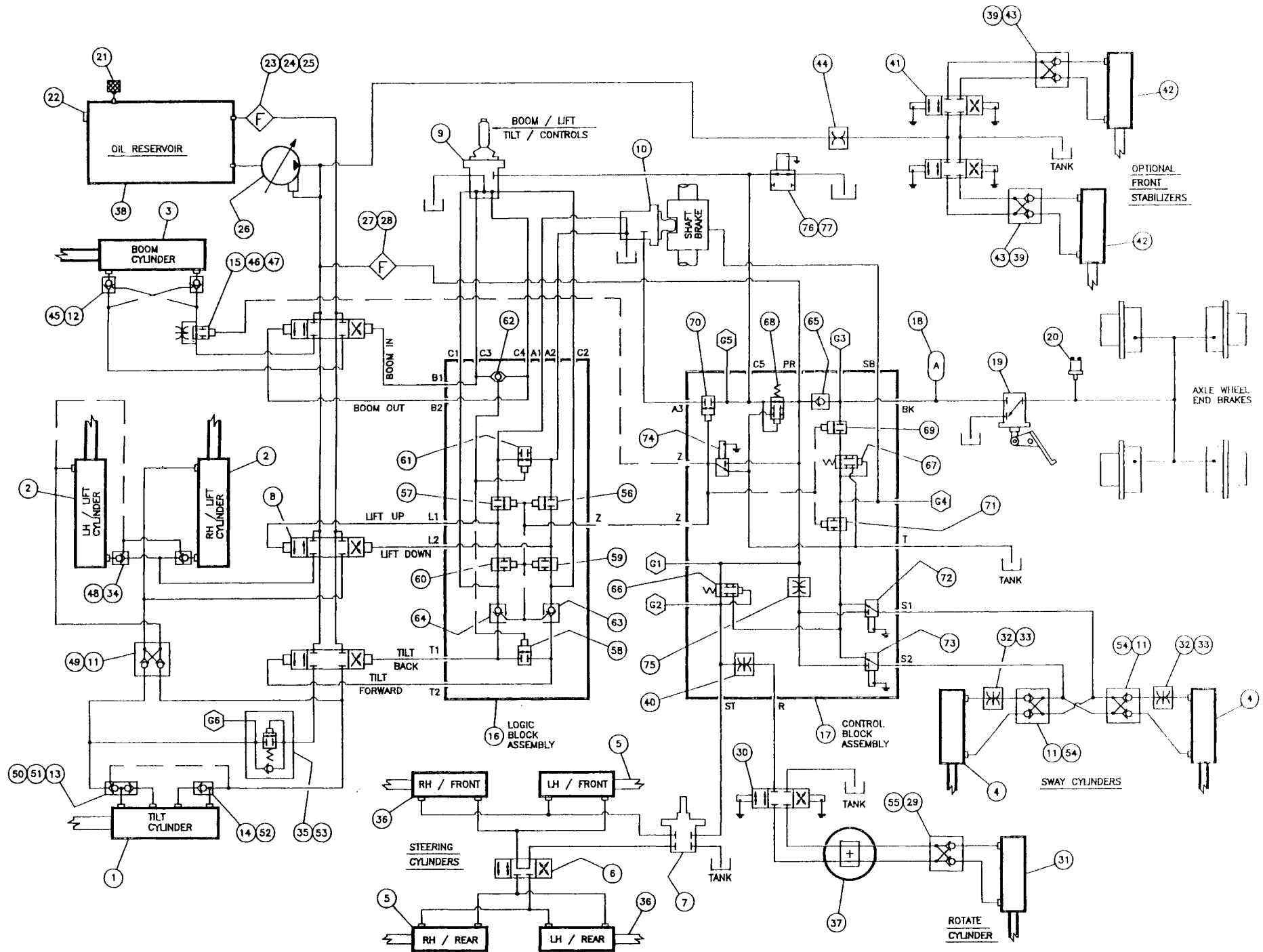
Option / Rotate & Stabilizers



Option / Stabilizers



ITEM	NUMBER	DESCRIPTION	REQD
1	3-1226	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	7-194-13	PLUG BUTTON 3/8	2
27	7-194-29	PLUG BUTTON 5/8	1
28	7-127-10	SWITCH / IGNITION KEY	1
29	2-1147	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	1-2031	FUSE HOLDER w/PLUG (UNIVERSAL)	REF
37	7-127-04	SWITCH / FORK ROTATE	REF
38	7-268-01	HOLDER / OPTION	REF
39	7-117-01	FUSE / 15 AMP	REF
40	3-1228-4	DECAL / FORK ROTATE	REF
41	3-1227-1	PANEL / OPTION-ROTATE	REF
42	7-127-04	SWITCH / STABILIZER	REF
43	3-1228-6	DECAL / RH STABILIZER	REF
44	3-1228-5	DECAL / LH STABILIZER	REF
45	3-1227-2	PANEL / OPTION-STABILIZERS	REF
46	3-1227-3	PANEL / ROTATE-STABILIZERS	REF



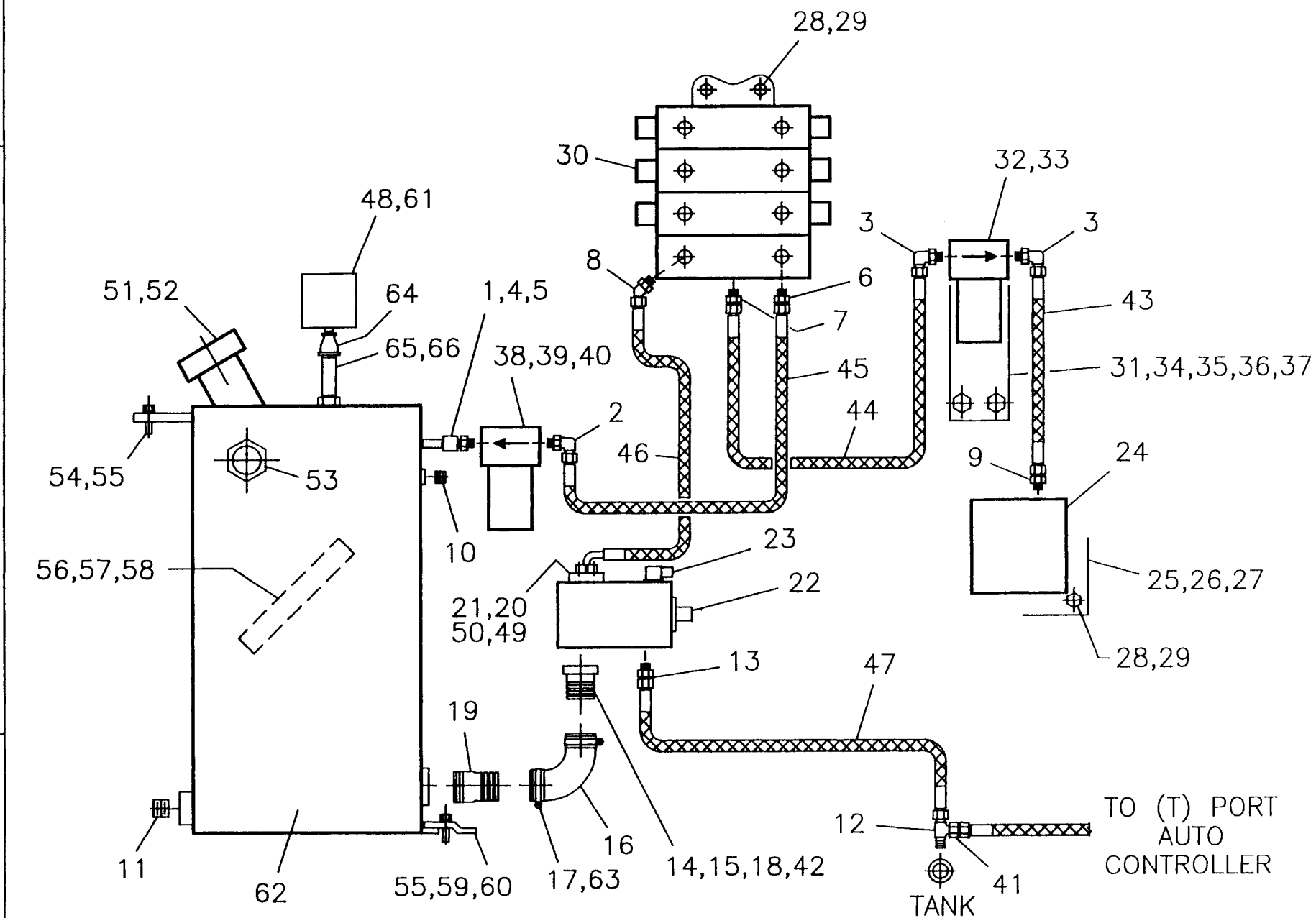
ITEM	NUMBER	DESCRIPTION	REQD
1	7-316-03	CYLINDER / TILT	REF
2	7-316-02	CYLINDER / LIFT	REF
3	7-316-04	CYLINDER / BOOM	REF
4	7-316-01	CYLINDER / SWAY	REF
5	7-229-339	CYLINDER / STEERING / LHF-RHR	REF
6	7-344-01	STEERING VALVE / ELECTRIC	1
7	7-331-01	STEERING ORBITRAL	1
8	7-200-80	VALVE ASSEMBLY / 3 SECTION	1
9	7-200-81	CONTROLLER / 4-WAY	1
10	7-200-82	CONTROLLER / AUTO (1)	REF
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	7-198-39	ACTUATOR / BRAKE	1
20	7-206-03	PRESSURE SWITCH / BRAKE LIGHT	REF
21	7-253-01	BREATHER / 3 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	7-345-01	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	7-229-338	CYLINDER / STEERING / RHF-LHR	REF
37	7-292-01	HOSE REEL / RH / ROTATE	REF
38	4-1420	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	7-234-40	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

7-4-97-30A/1

DRAWING NUMBER	P4-1289	HYDRAULIC SCHEMATIC SS-836 SQUARE SHOOTER	PAGE NUMBER	30A
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ITEM	NUMBER	DESCRIPTION	REQD
53	7-234-19	CARTRIDGE / COUNTERBALANCE	REF
54	7-234-18	CARTRIDGE / PILOT CHECK	REF
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	7-234-80	CARTRIDGE / CHECK	REF
66	7-234-15	CARTRIDGE / REDUCING	REF
67	7-234-28	CARTRIDGE / RED-RELIEVING	REF
68	7-234-13	CARTRIDGE / RED-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	7-244-50	VALVE / CONTROLLER RELIEF	1
77	7-244-08	CARTRIDGE / NORMALLY OPEN	REF

NOTES

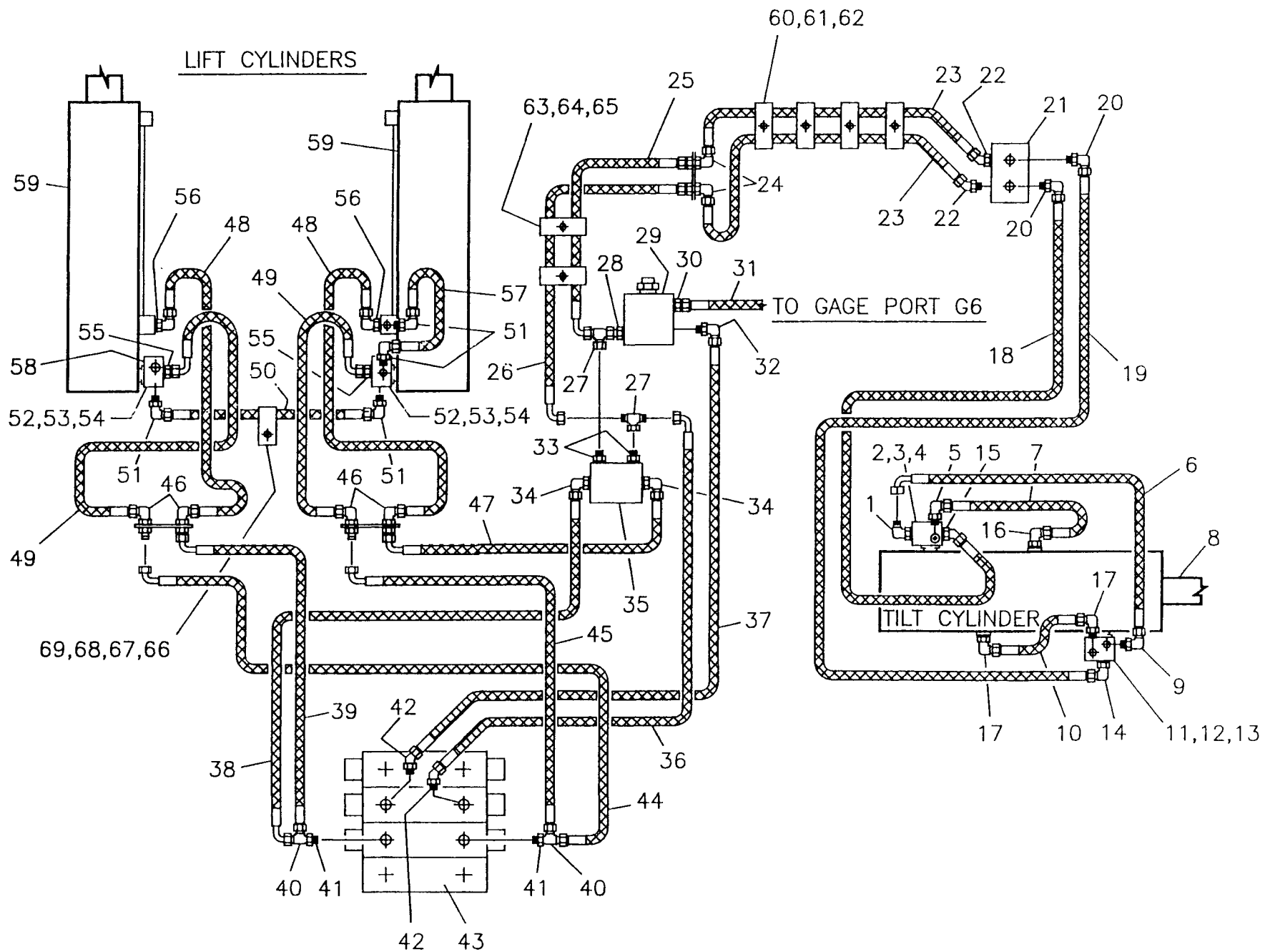


ITEM	NUMBER	DESCRIPTION	REQD
1	6-6436-01	FITTING / 20 NPT x 20 OR STR	1
2	6-6453-25	FITTING / 20 OR x 16 JIC 90	1
3	6-6453-24	FITTING / 16 OR x 10 JIC 90	2
4	6-6402-14	FITTING / 20 NPT COUPLING	1
5	6-6416-16	FITTING / 20 NPT x 8 LG. NIPPLE	1
6	6-6450-27	FITTING / 16 OR x 16 JIC STR	1
7	6-6450-14	FITTING / 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	6-6408-06	FITTING / 12 NPT FLUSH PLUG	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	6-6450-16	FITTING / 10 OR x 10 JIC STR	1
14	4-1421-1	FITTING / SUCTION	1
15	7-209-66	O-RING / SUCTION FITTING	1
16	2-1121	SUCTION ELBOW / 2 1/4 ID x 90	1
17	7-272-06	T-HOSE CLAMP	2
18	6-5208-16	CAPSCREW 1/2 NC x 2 LG.	4
19	4-1421-8	TANK NIPPLE / 2 NPT x 8 1/8 LG.	1
20	7-158-36	SPLIT FLANGE HALF	2
21	7-209-67	O-RING / PRESSURE SIDE	1
22	7-345-01	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	6-5206-14	CAPSCREW 3/8 NC x 1 3/4 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	6-6495-01	FITTING / 08 x 04 JIC RED.- EXP.	REF
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	6-7148-43	HOSE / 16 x 16 x 21.5 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	7-253-01	BREATHER / RESERVOIR / 3 PSI	1
49	6-5206-10	CAPSCREW 3/8 NC x 1 1/4 LG.	4
50	6-6211-06	LOCKWASHER 3/8	4
51	7-265-01	CAP / RESERVOIR	1
52	7-265-03	STRAINER / RESERVOIR CAP	1

7-4-97-31A/1

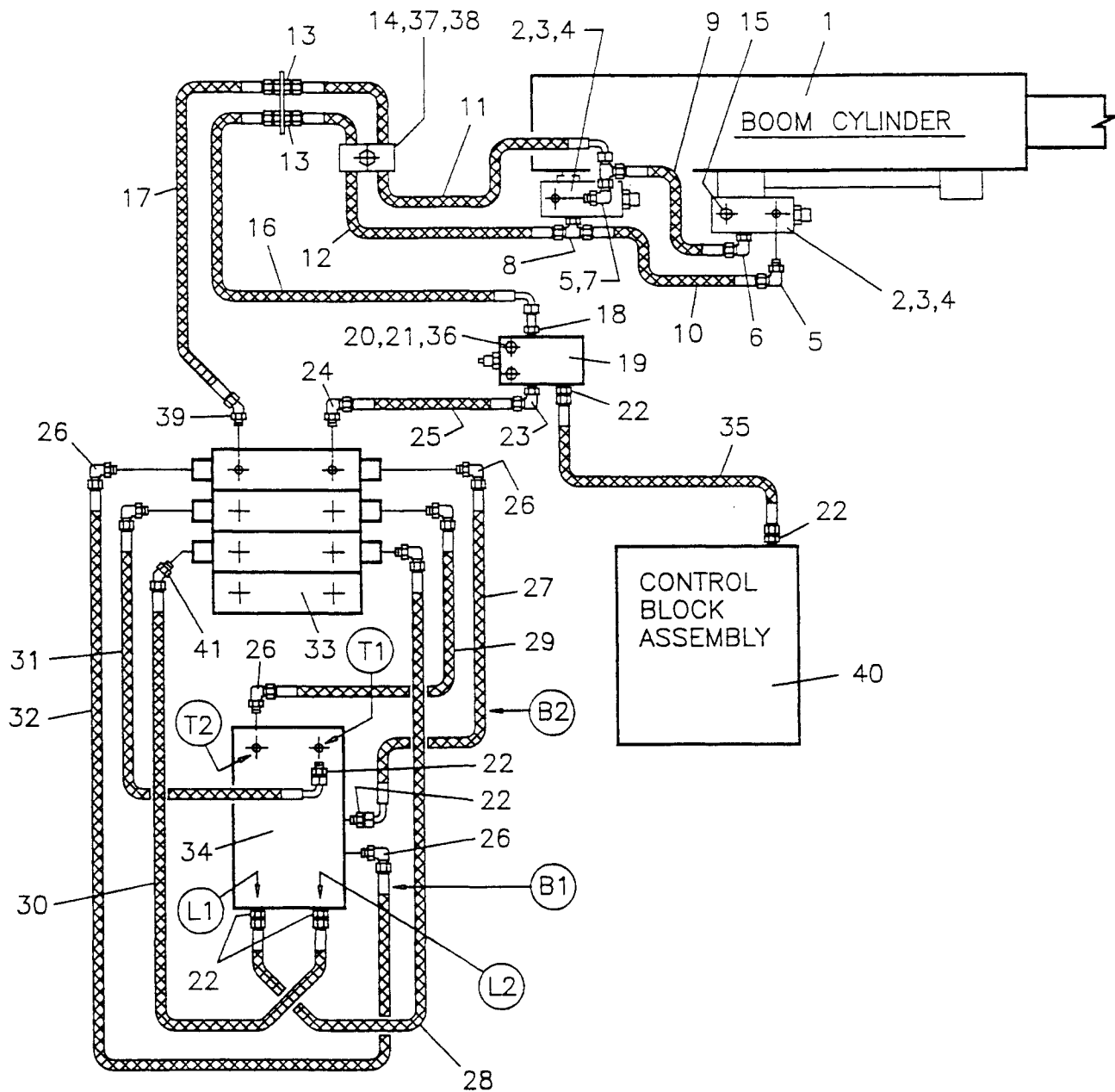
DRAWING NUMBER	P4-1290	CIRCUIT / PUMP / OIL RESERVOIR SS-836 SQUARE SHOOTER	PAGE NUMBER	31A
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ITEM	NUMBER	DESCRIPTION	REQD
55	6-6211-06	LOCKWASHER 3/8	4
56	7-273-20	COVER PLATE 1/4 SINGLE HOSE (5)	REF
57	7-273-18	CLAMP / HALF SET (5)	REF
58	6-5204-12	CAPSCREW 1/4 NC x 1 1/2 LG. (10)	REF
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	4-1420	OIL RESERVOIR	1
63	6-9616-10	HOSE PROTECTOR	2
64	7-291-05	FITTING / NPT COUPLING 1 x 1/2	1
65	2-1157	BREATHER PIPE	1
66	7-334-01	BAFFLE / OIL	1

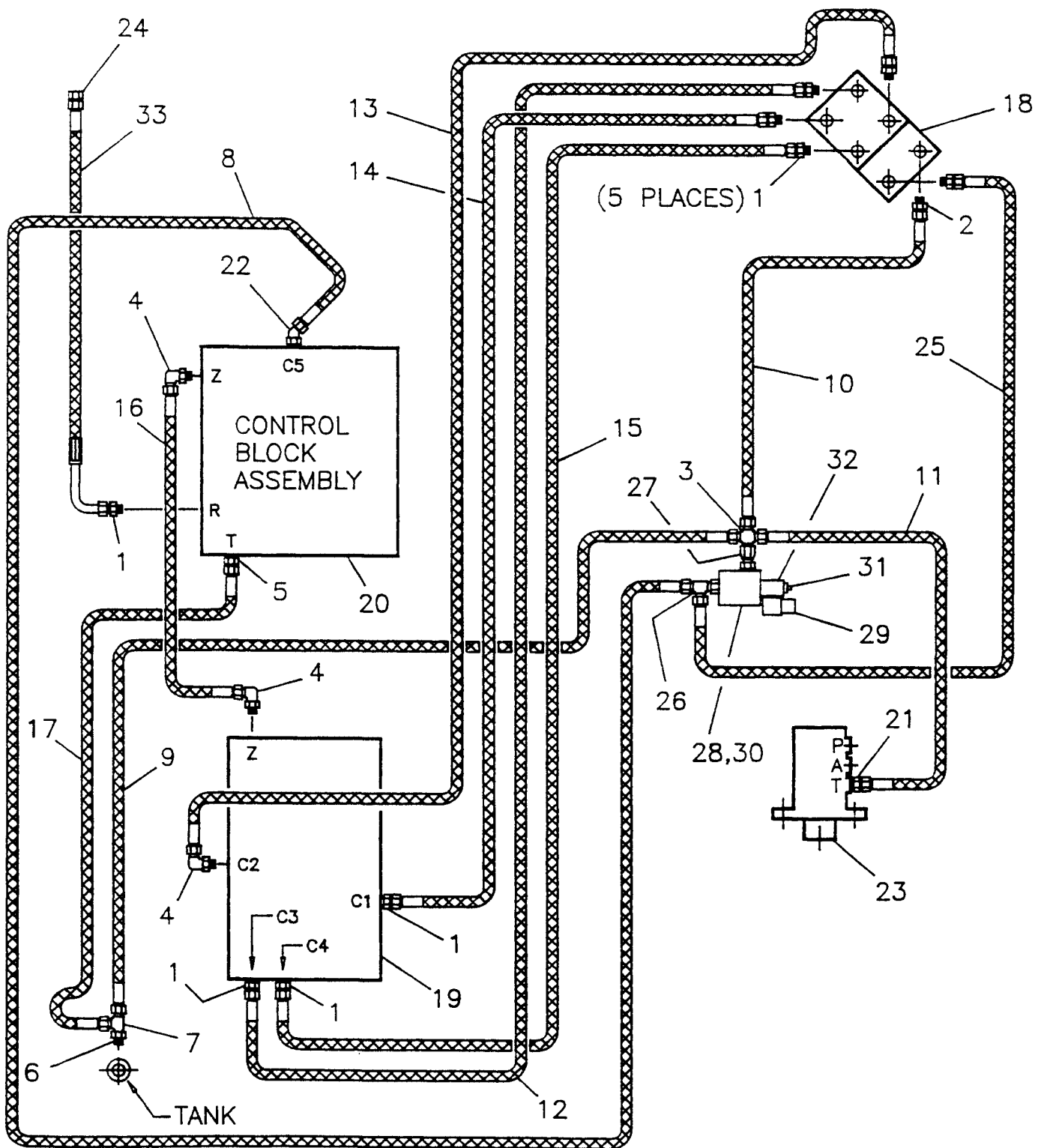


ITEM	NUMBER	DESCRIPTION	REQD
1	6-6453-04	FITTING / 06 OR x 04 JIC 90	1
2	7-234-02	VALVE / MOTION / BASE TILT	REF
3	6-5606-14	CAPSCREW SH 3/8 NC x 1 3/4 LG.	4
4	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4
5	6-6453-04	FITTING / 06 OR x 04 JIC 90	1
6	6-7022-60	HOSE / 04 x 04-90 x 30 LG.	1
7	6-7002-26	HOSE / 04 x 04 x 13 LG.	1
8	7-316-03	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	6-7004-690	HOSE / 08 x 08 x 345 LG.	1
19	6-7004-690	HOSE / 08 x 08 x 345 LG.	1
20	6-6453-09	FITTING / 08 OR x 08 JIC 90	2
21	2-1051	MANIFOLD BLOCK	1
22	6-6452-04	FITTING / 08 OR x 08 JIC 45	2
23	6-7014-294	HOSE / 08 x 10 x 147 LG.	2
24	6-6477-07	FITTING / 10 JIC BH-UNION 90	2
25	6-7025-152	HOSE / 10 x 10-90 x 76 LG.	1
26	6-7025-152	HOSE / 10 x 10-90 x 76 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	1
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	6-7025-32	HOSE / 10 x 10-90 x 16 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	6-7025-120	HOSE / 10 x 10-90 x 60 LG.	1
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	6-7025-120	HOSE / 10 x 10-90 x 60 LG.	1
45	6-7025-120	HOSE / 10 x 10-90 x 60 LG.	1
46	6-6477-07	FITTING / 10 JIC BH-UNION 90	4
47	6-7025-120	HOSE / 10 x 10-90 x 60 LG.	1
48	6-7005-44	HOSE / 10 x 10 x 22 LG.	2
49	6-7025-44	HOSE / 10 x 10-90 x 22 LG.	2
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
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

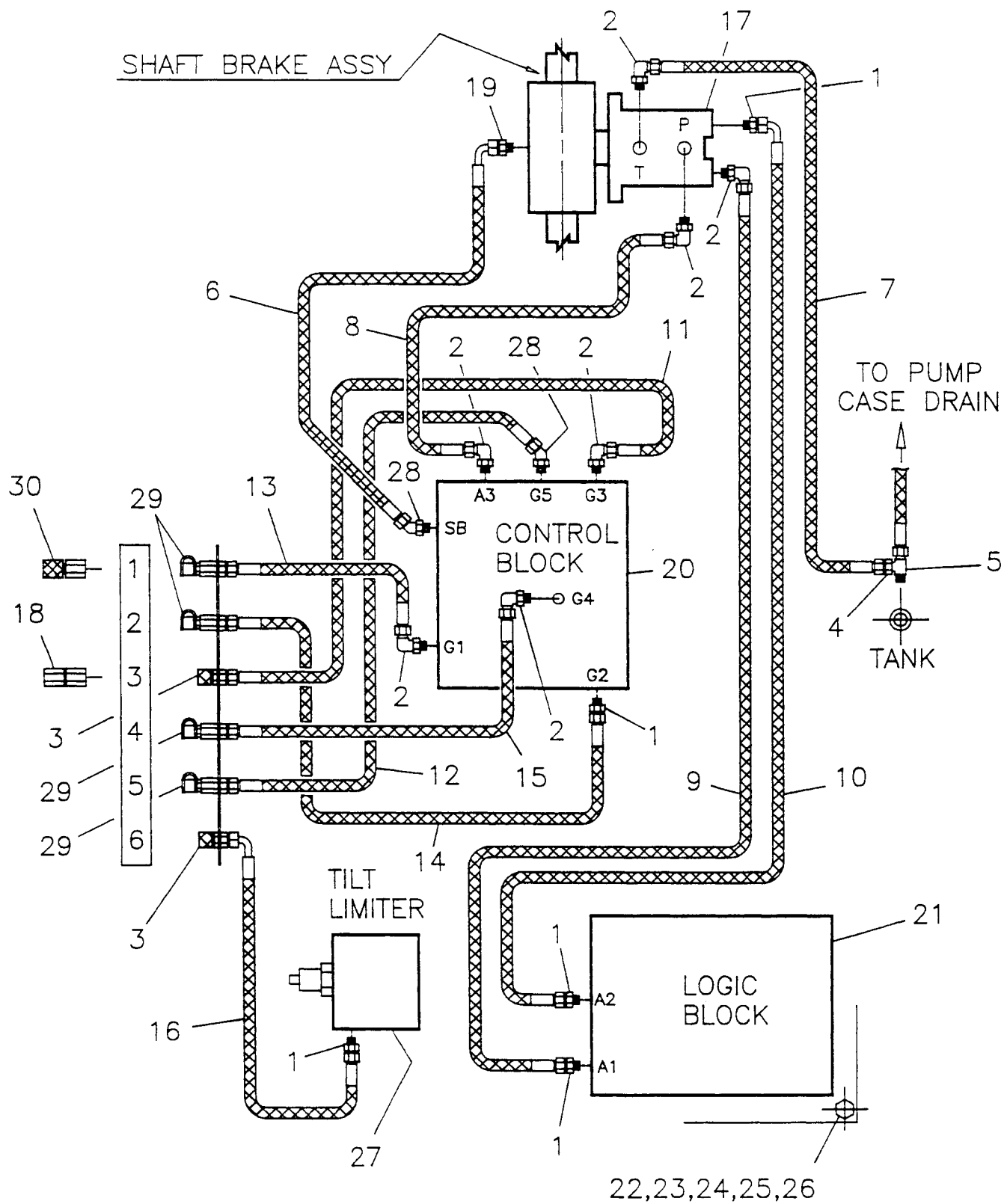
ITEM	NUMBER	DESCRIPTION	REQD
55	6-6450-16	FITTING / 10 OR x 10 JIC STR	2
56	6-6453-12	FITTING / 10 OR x 10 JIC 90	2
57	6-7002-17	HOSE / 04 x 04 x 8.5 LG.	1
58	6-6457-05	FITTING / 06 OR HEX HEAD PLUG	4
59	7-316-02	CYLINDER / LIFT	REF
60	7-273-25	CLAMP HALF SET / 1/2 HOSE / TWIN	4
61	7-273-26	COVER PLATE / 1/2 HOSE CLAMP	4
62	6-5205-14	CAPSCREW 5/16 NC x 1 3/4 LG.	4
63	7-273-32	CLAMP HALF SET / 5/8 HOSE / TWIN	3
64	7-273-26	COVER PLATE / 5/8 HOSE CLAMP	2
65	6-5205-30	CAPSCREW 5/16 NC x 3 3/4 LG.	2
66	1-1156	1/2 NPT SQ.HEAD PLUG (MODIFIED)	1
67	7-194-53	LOOP CLAMP 5/8	1
68	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	1
69	6-6211-04	LOCKWASHER 1/4	1



ITEM	NUMBER	DESCRIPTION	REQD
1	7-316-04	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	6-6453-08	FITTING / 06 OR x 08 JIC 90	2
6	6-6453-12	FITTING / 10 OR x 10 JIC 90	1
7	6-6481-06	FITTING / 08 JIC SW-RN-TEE	1
8	6-6454-07	FITTING / 10 OR x 10 JIC BR-TEE	1
9	6-7014-22	HOSE / 08 x 10 x 11 LG.	1
10	6-7014-25	HOSE / 08 x 10 x 12.5 LG.	1
11	6-7044-78	HOSE / 10 x 08-90 x 39 LG.	1
12	6-7134-74	HOSE / 10 x 10 x 37 LG.	1
13	6-6475-07	FITTING / 10 JIC BH UNION	2
14	7-273-25	CLAMP HALF SET / 1/2 HOSE	1
15	6-6457-05	FITTING / 06 OR HEX HD PLUG	4
16	6-7025-136	HOSE / 10 x 10-90 x 68 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	6-7005-23	HOSE / 10 x 10 x 11.5 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 8.5 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 / 1/2 HOSE CLAMP	1
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

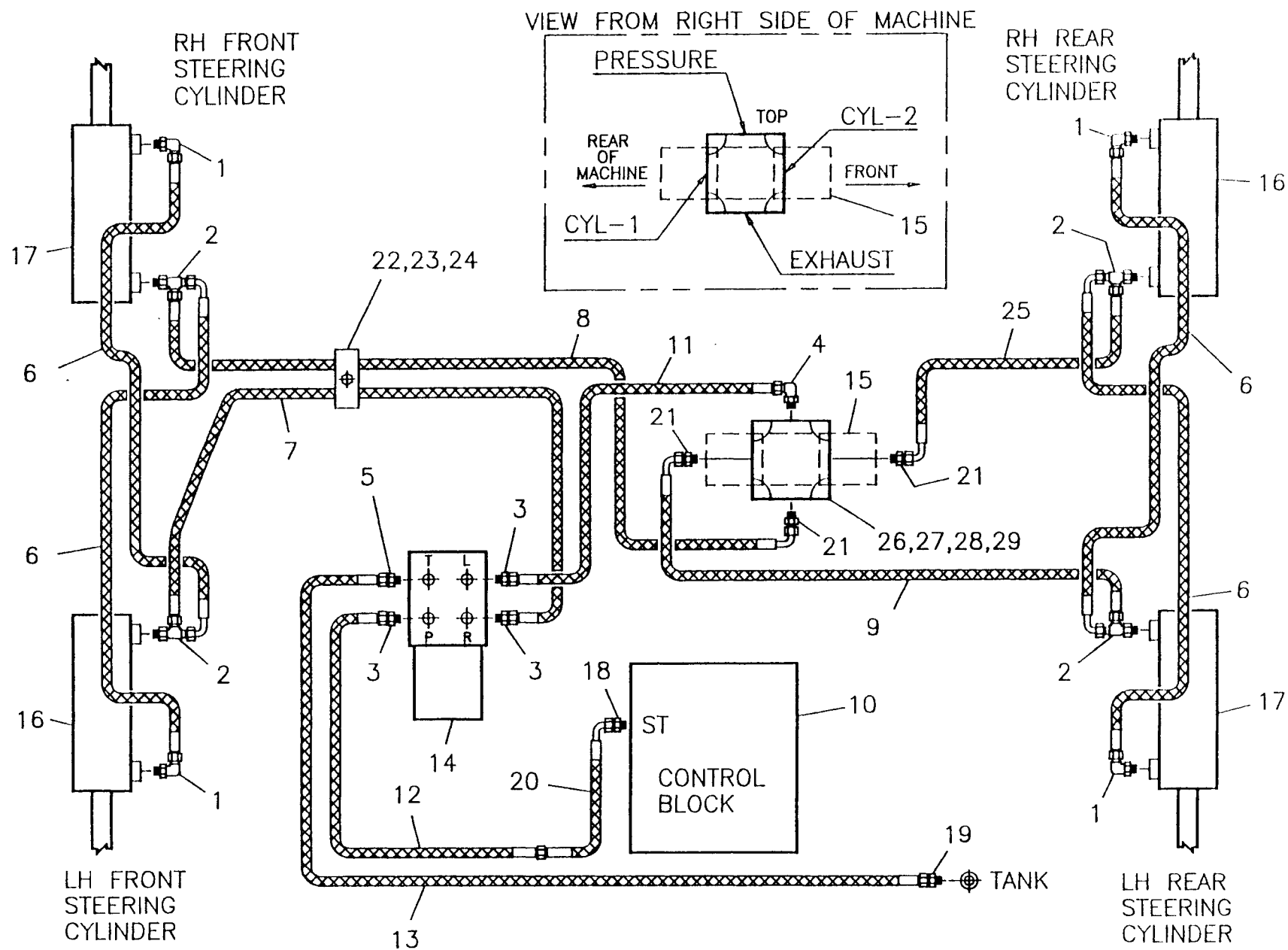


ITEM	NUMBER	DESCRIPTION	REQD
1	6-6450-05	FITTING / 06 OR x 04 JIC STR	9
2	6-6450-08	FITTING / 06 OR x 06 JIC STR	1
3	6-6483-05	FITTING / 06 JIC CROSS	1
4	6-6453-04	FITTING / 06 OR x 04 JIC 90	3
5	6-6450-08	FITTING / 06 OR x 06 JIC STR	1
6	6-6406-04	FITTING / 08-06 NPT REDUCER	1
7	6-6432-14	FITTING / 06 JIC MALE-RUN-TEE	1
8	6-7002-222	HOSE / 04 x 04 x 111 LG.	1
9	6-7003-172	HOSE / 06 x 06 x 86 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	6-7002-222	HOSE / 04 x 04 x 111 LG.	1
13	6-7002-222	HOSE / 04 x 04 x 111 LG.	1
14	6-7002-222	HOSE / 04 x 04 x 111 LG.	1
15	6-7002-222	HOSE / 04 x 04 x 111 LG.	1
16	6-7002-26	HOSE / 04 x 04 x 13 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	7-198-39	ACTUATOR / BRAKE	REF
24	6-6484-03	FITTING / 04 JIC PLUG	1
25	6-7002-74	HOSE / 04 x 04 x 37 LG.	1
26	6-6455-15	FITTING / 06 OR x 04 JIC RN-TEE	1
27	6-6485-06	FITTING / 06 OR x 06 JIC SW	1
28	7-244-50	VALVE ASSY / CONTROLLER RELIEF	REF
29	7-244-27	DIN CONNECTOR	1
30	7-244-54	VALVE BODY / CONTROLLER RELIEF	REF
31	7-244-08	CARTRIDGE / NORMALLY OPEN	REF
32	7-244-43	COIL / DIN	REF
33	6-7022-62	HOSE / 04 x 04-90 x 31 LG.	1



ITEM	NUMBER	DESCRIPTION	REQD
1	6-6450-05	FITTING / 06 OR x 04 JIC STR	2
2	6-6453-04	FITTING / 06 OR x 04 JIC 90	3
3	7-302-01	MALE PRESSURE CHECK	2
4	6-6495-01	FITTING / 08 x 04 JIC RED.EXP.(1)	REF
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)	REF
7	6-7002-130	HOSE / 04 x 04 x 65 LG. (1)	REF
8	6-7002-130	HOSE / 04 x 04 x 65 LG. (1)	REF
9	6-7002-130	HOSE / 04 x 04 x 65 LG. (1)	REF
10	6-7022-144	HOSE / 04 x 04-90 x 72 LG. (1)	REF
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	6-7002-38	HOSE / 04 x 04 x 19 LG.	1
14	6-7002-42	HOSE / 04 x 04 x 21 LG.	1
15	6-7002-38	HOSE / 04 x 04 x 19 LG.	1
16	6-7022-28	HOSE / 04 x 04-90 x 14 LG.	1
17	7-200-82	CONTROLLER / AUTO	REF
18	7-302-02	FEMALE PRESSURE CHECK	1
19	6-6450-03	FITTING / 04 OR x 04 JIC STR (1)	REF
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	1
29	7-256-27	MALE PRESSURE CHECK	4
30	7-256-28	FEMALE PRESSURE CHECK	1

7-4-97-35A/1



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	6-7023-62	HOSE / 06 x 06-90 x 31 LG.	4
7	6-7013-194	HOSE / 06 x 08 x 97 LG.	1
8	6-7023-252	HOSE / 06 x 06-90 x 126 LG.	1
9	6-7023-70	HOSE / 06 x 06-90 x 35 LG.	1
10	7-234-75	CONTROL BLOCK	REF
11	6-7004-194	HOSE / 08 x 08 x 97 LG.	1
12	6-7004-328	HOSE / 08 x 08 x 164 LG.	1
13	6-7005-304	HOSE / 10 x 10 x 152 LG.	1
14	7-331-01	STEERING ORBITRAL	REF
15	7-344-01	STEERING VALVE / ELECTRIC	REF
16	7-229-339	CYLINDER / STEERING / LHF-RHR	REF
17	7-229-338	CYLINDER / STEERING / RHF-LHR	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 HOSE / TWIN	1
23	7-273-23	TOP PLATE / 3/8 HOSE CLAMP	1
24	6-5205-10	CAPSCREW 5/16 NC x 1 1/4 LG.	1
25	6-7023-94	HOSE / 06 x 06-90 x 47 LG.	1
26	7-344-02	SUBPLATE / STEERING VALVE	1
27	7-344-03	BOLT KIT / STEERING VALVE	1
28	6-5204-08	CAPSCREW 1/4 NC x 1 LG.	4
29	6-6211-04	LOCKWASHER 1/4	4

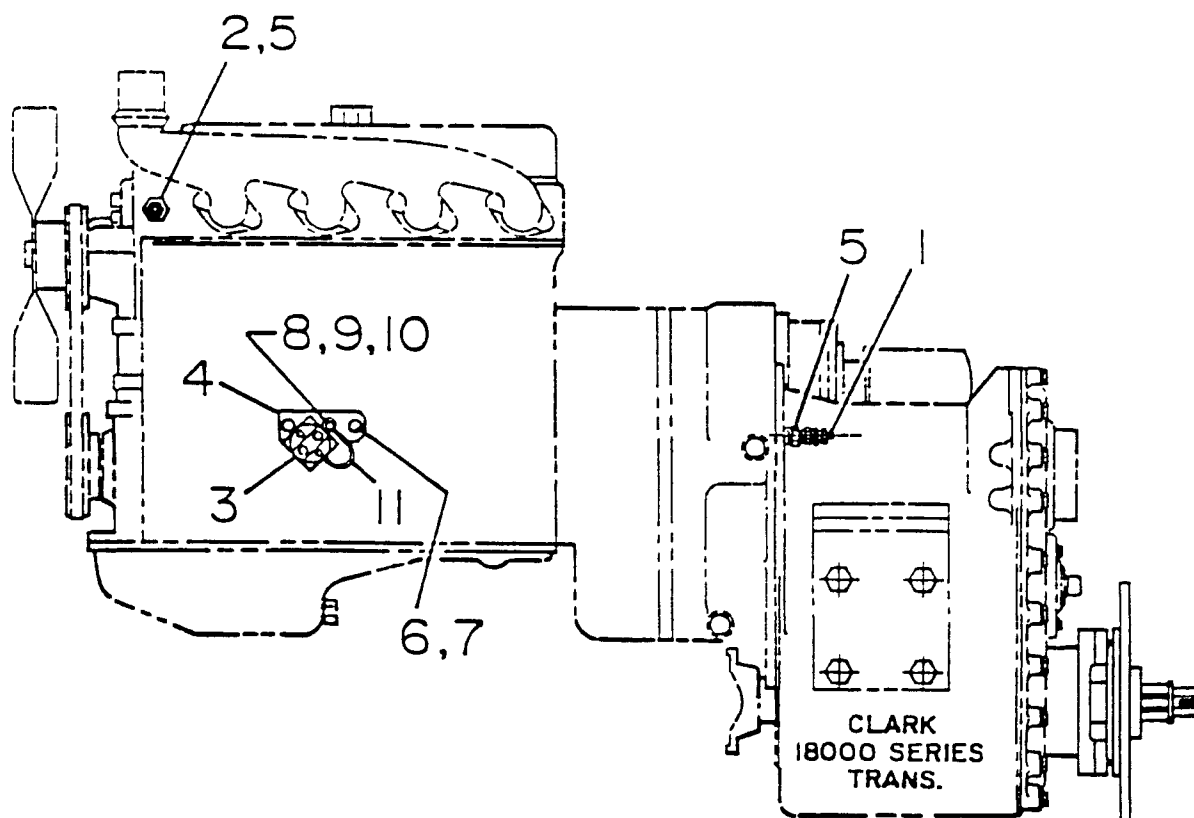
ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-04	VALVE / DUAL CHECK	REF
2	6-6453-04	FITTING / 06 OR x 04 JIC 90	2
3	6-6452-19	FITTING / 06 OR x 04 JIC 45	2
4	6-6454-06	FITTING / 08 OR x 08 JIC BR-TEE	2
5	6-6450-06	FITTING / 08 OR x 04 JIC STR	2
6	6-6453-09	FITTING / 08 OR x 08 JIC 90	2
7	7-316-01	CYLINDER / SWAY	REF
8	6-7002-74	HOSE / 04 x 04 x 37 LG.	4
9	6-7004-36	HOSE / 08 x 08 x 18 LG.	2
10	6-7033-320	HOSE / 06 x 08-90 x 160 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	2
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 HOSE / TWIN	3
17	7-273-23	TOP PLATE / 3/8 HOSE CLAMP	3
18	6-5205-10	CAPSCREW 5/16 NC x 1 1/4 LG.	3

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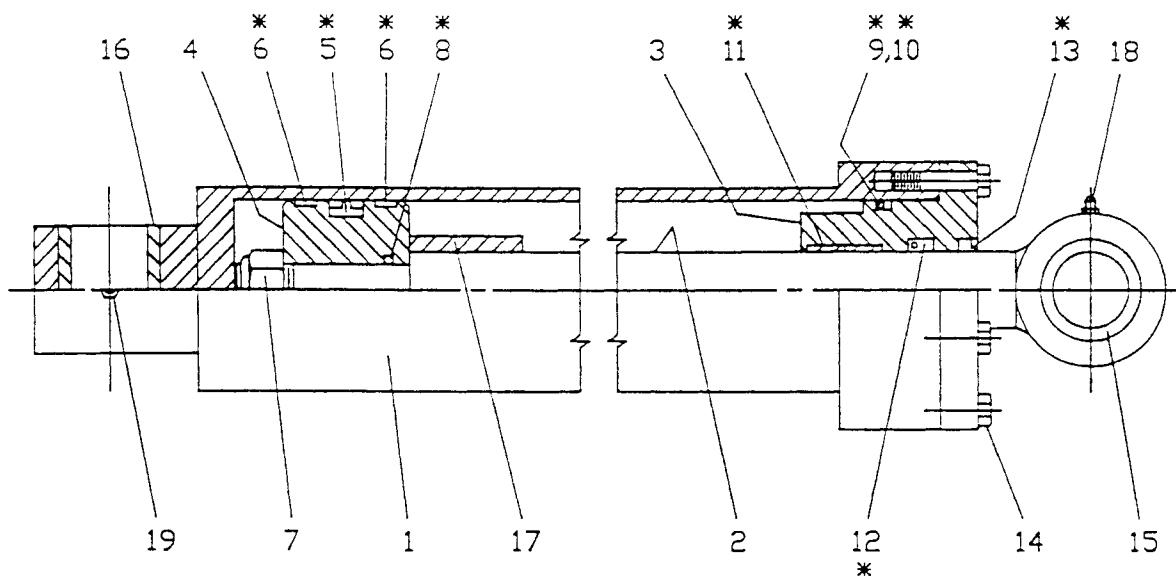
ITEM	NUMBER	DESCRIPTION	REQD
1	7-198-39	ACTUATOR / BRAKE	REF
2	7-256-25	ACCUMULATOR / BRAKE	REF
3	7-234-75	CONTROL BLOCK	REF
4	1-1025	CLAMP	4
5	6-7003-74	HOSE / 06 x 06 x 37 LG.	1
6	6-7002-74	HOSE / 04 x 04 x 37 LG.	1
7	6-7003-120	HOSE / 06 x 06 x 60 LG.	1
8	6-7042-94	HOSE / 06 x 04-90 x 47 LG.	4
9	6-7002-22	HOSE / 04 x 04 x 11 LG.	1
10	6-7002-276	HOSE / 04 x 04 x 138 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	6-7003-74	HOSE / 06 x 06 x 37 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	6-5308-08	CAPSCREW 1/2 NF x 1 LG.	3
24	6-6211-08	LOCKWASHER 1/2	3
25	6-6482-05	FITTING / 06 JIC TEE	3
26	7-273-18	CLAMP HALF SET / 1/4 SINGLE HOSE	4
27	7-273-20	TOP PLATE / 1/4 HOSE CLAMP	4
28	6-5204-12	CAPSCREW 1/4 NC x 1 1/2 LG.	8

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	6-9611-632	HOSE-HEATER 3/4 x 79 LG.	1
8	6-6413-07	FITTING / 1/2 PIPE NIPPLE	1
9	6-6423-18	HOSE END / 12-08 MALE PIPE	4
10	6-6252-04	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	6-6438-04	FITTING / 08 NPT 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 ELB 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
21	6-6212-05	FLATWASHER 5/16	4

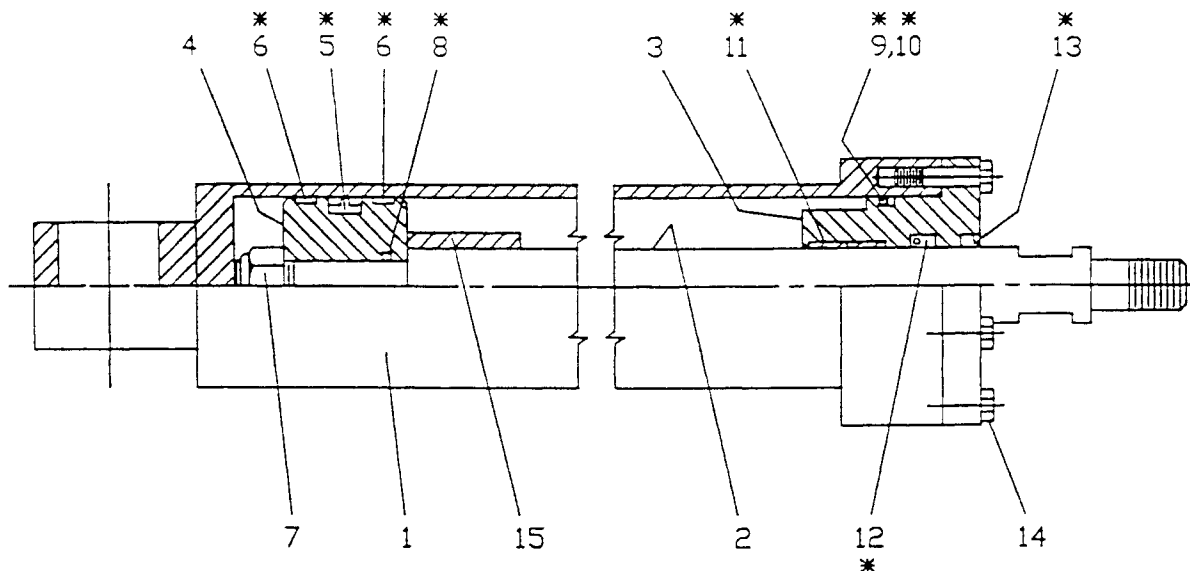
ITEM	NUMBER	DESCRIPTION	REQD
1	7-272-05	FUEL STRAINER	1
2	6-6423-10	FITTING / 08 x 06 BRASS HOSE END	2
3	6-6423-08	FITTING / 04 x 06 BRASS HOSE END	1
4	6-6252-01	HOSE CLAMP / NO.6	4
5	6-6423-07	FITTING / 02 x 06 BRASS HOSE END	1
6	6-6422-01	FITTING / 02 x 02 NPT BRASS ELBOW	1
7	6-6424-05	FITTING / 04 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	4-1124	FUEL TANK / BATTERY BOX	REF



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



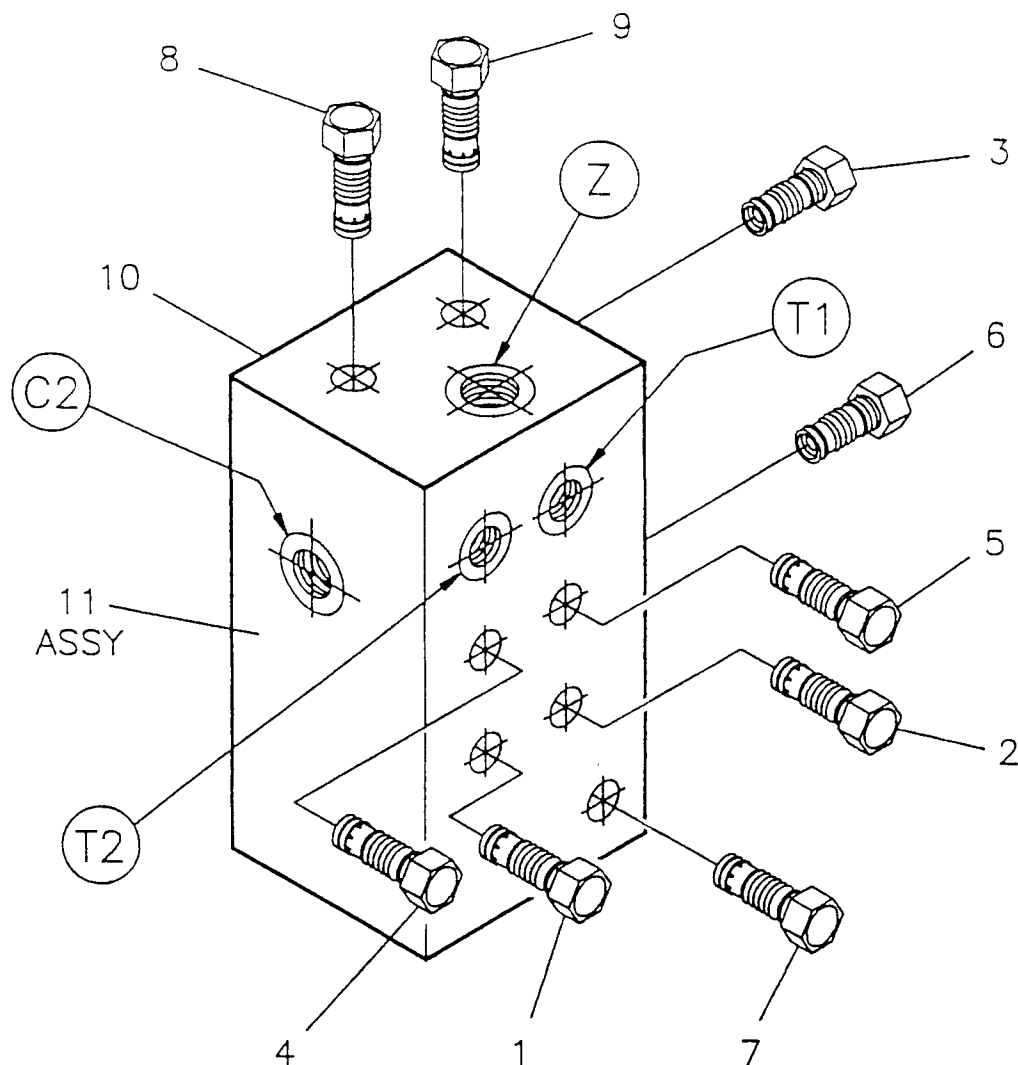
ITEM	NUMBER	DESCRIPTION	REQD
1	7-316-131	TUBE WELDMENT	1
2	7-316-121	SHAFT	1
3	7-316-101	HEAD	1
4	7-316-111	PISTON	1
5	7-316-54	SEAL / PISTON (*)	1
6	7-316-65	WEAR RING / PISTON (*)	2
7	7-316-73	SELF-LOCKING NUT	1
8	7-316-80	O-RING / STUB SHAFT (*)	1
9	7-316-81	O-RING / HEAD (*)	1
10	7-316-82	BACK-UP RING / HEAD (*)	1
11	7-316-46	WEAR RING / HEAD (*)	2
12	7-316-26	SEAL / SHAFT (*)	1
13	7-316-36	WIPER / SHAFT (*)	1
14	7-316-96	CAPSCREW 1/2	8
15	7-316-155	BRONZE BUSHING / Ref-6-4524-32	1
16	7-316-156	BRONZE BUSHING / Ref 6-4516-24	1
17	7-316-141	SPACER	1
18	7-316-150	LUBE FITTING	1
19	7-316-150	LUBE FITTING	1
20			
21	7-900-21	SEAL KIT / ITEMS MARKED (*)	REF



ITEM	NUMBER	DESCRIPTION	REQD
1	7-316-133	TUBE WELDMENT	1
2	7-316-123	SHAFT	1
3	7-316-103	HEAD	1
4	7-316-113	PISTON	1
5	7-316-53	SEAL / PISTON (*)	1
6	7-316-64	WEAR RING / PISTON (*)	2
7	7-316-73	SELF-LOCKING NUT	1
8	7-316-80	O-RING / STUB SHAFT (*)	1
9	7-316-85	O-RING / HEAD (*)	1
10	7-316-86	BACK-UP RING / HEAD (*)	1
11	7-316-45	WEAR RING / HEAD (*)	2
12	7-316-25	SEAL / SHAFT (*)	1
13	7-316-35	WIPER / SHAFT (*)	1
14	7-316-95	CAPSCREW 7/16	8
15	7-316-143	SPACER	1
16			
17	7-900-23	SEAL KIT / ITEMS MARKED (*)	REF

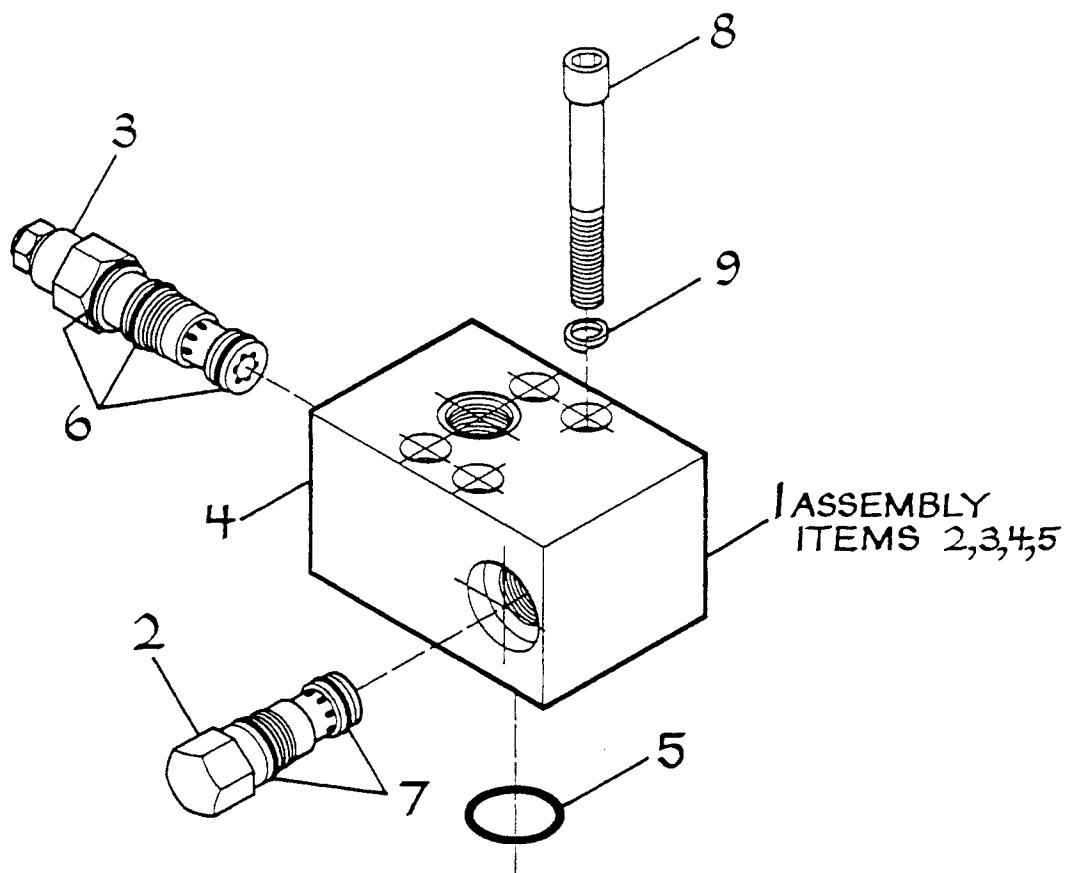
NOTES

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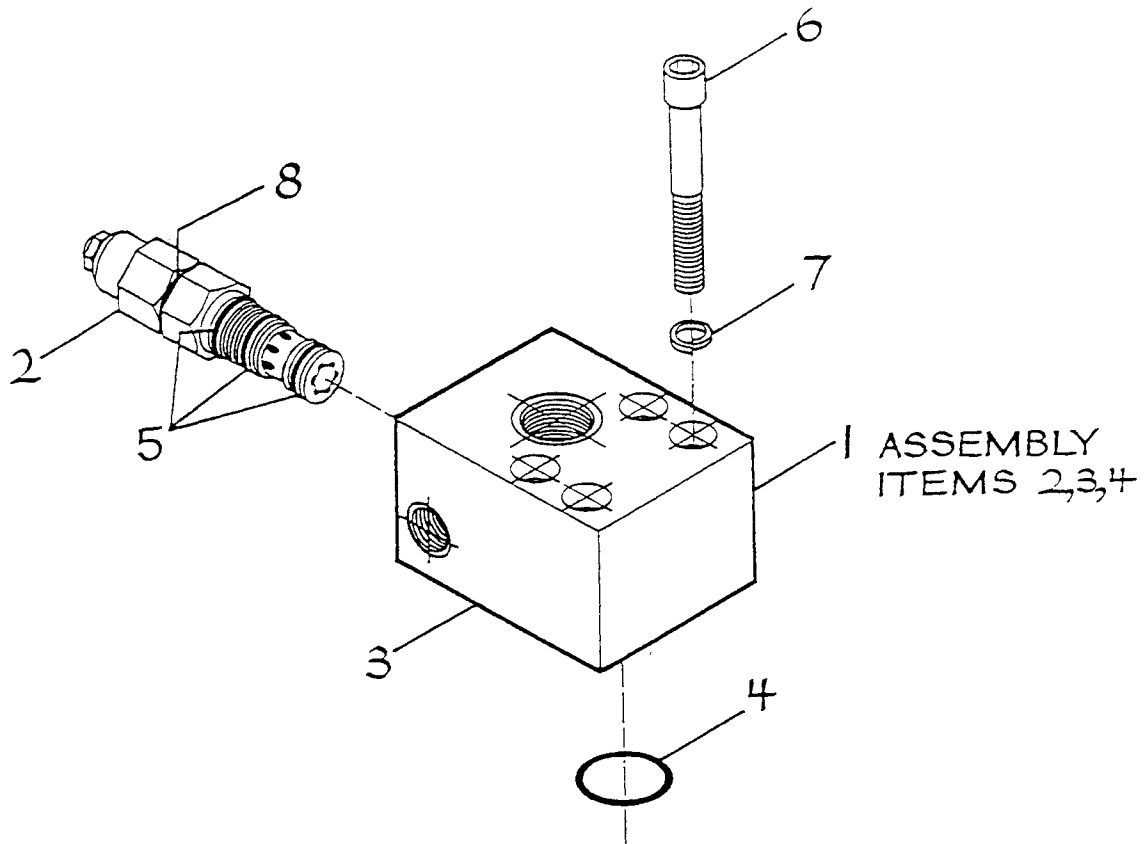


NUMBERS IN () CORRESPOND TO ITEMS
USED ON P4-1289 HYDRAULIC SCHEMATIC

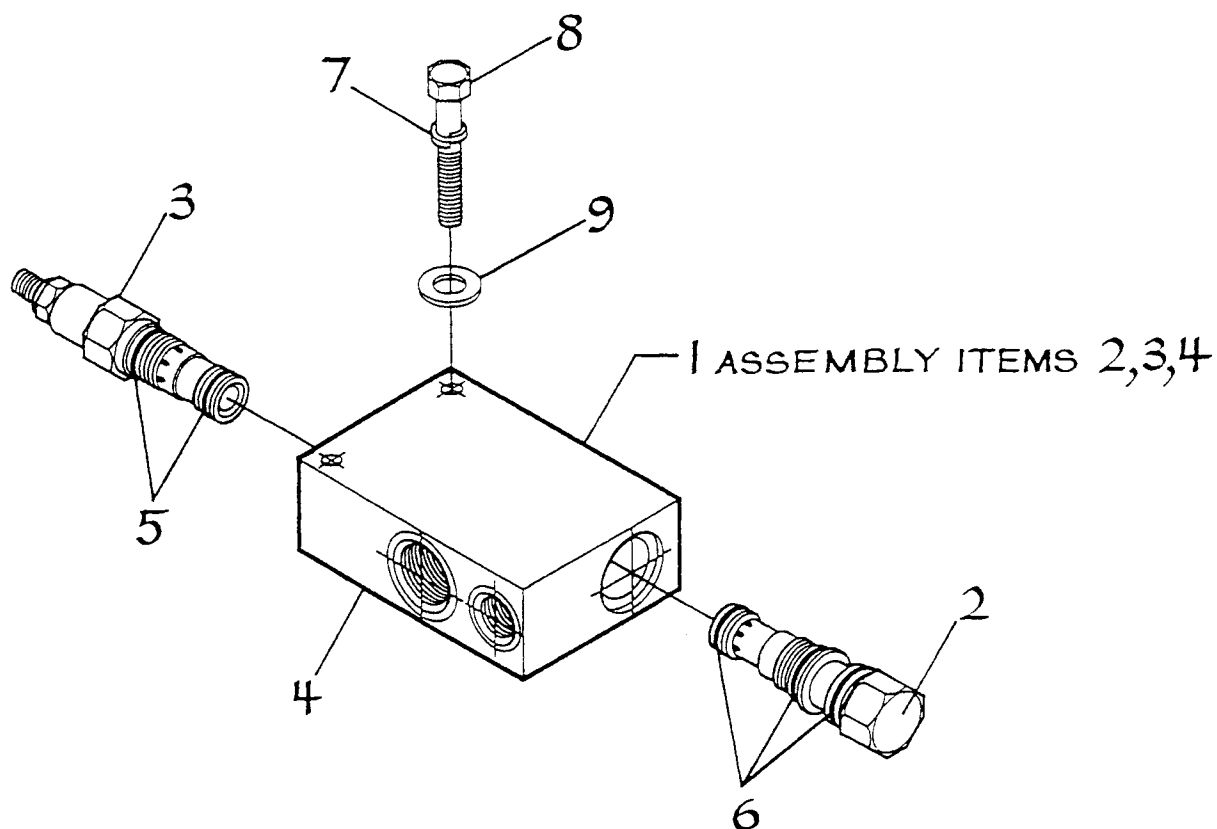
ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-10	CARTRIDGE / NORMALLY CLOSED (56)	1
2	7-234-10	CARTRIDGE / NORMALLY CLOSED (57)	1
3	7-234-10	CARTRIDGE / NORMALLY CLOSED (58)	1
4	7-234-11	CARTRIDGE / NORMALLY OPEN (59)	1
5	7-234-11	CARTRIDGE / NORMALLY OPEN (60)	1
6	7-234-11	CARTRIDGE / NORMALLY OPEN (61)	1
7	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	7-234-01	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



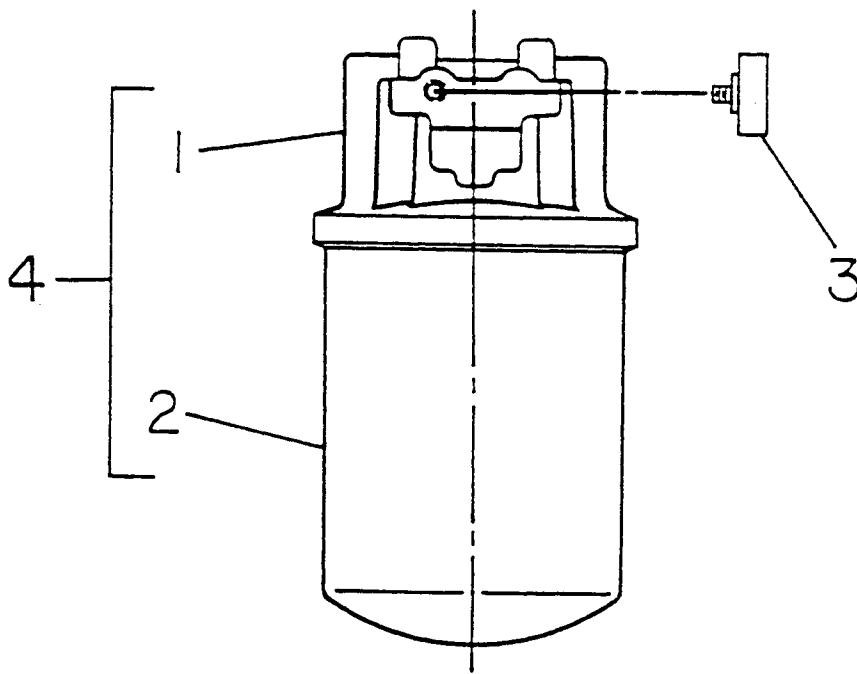
ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-54	MOTION VALVE ASSEMBLY	1
2	7-234-53	CARTRIDGE / COUNTERBALANCE	1
3	7-234-23	BODY	1
4	7-234-32	O-RING	1
5	7-234-30	SEAL KIT	1
6	6-5606-22	CAPSCREW SH 3/8 NC x 2 3/4 LG.	4
7	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4
8	7-234-60	O-RING	1



ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-09	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	7-331-04	DUST SEAL RING	1
2	-----	HOUSING / SPOOL / SLEEVE	1
3	7-331-05	BALL	1
4	7-331-06	THREAD BUSHING	1
5	7-331-07	O-RING	1
6	7-331-08	KIN-RING	1
7	7-331-09	BEARING	1
8	7-331-19	NAME PLATE	1
9	7-331-20	DRIVE SCREW	2
10	7-331-10	RING	1
11	7-331-11	CROSS PIN	1
12	7-331-12	SPRING SET	1
13	7-331-13	CARDAN SHAFT	1
14	7-331-23	SPACER	1
15	7-331-14	O-RING	1
16	7-331-15	DISTRIBUTOR PLATE	1
17	7-331-25	GEARWHEEL SET	1
18	7-331-16	O-RING	2
19	7-331-17	END COVER	1
20	7-331-18	WASHER	7
21	7-331-21	SPECIAL CAPSCREW	1
22	7-331-22	CAPSCREW	6
23	7-331-03	SEAL KIT (ITEMS 1,5,6,15,18,& 20)	REF

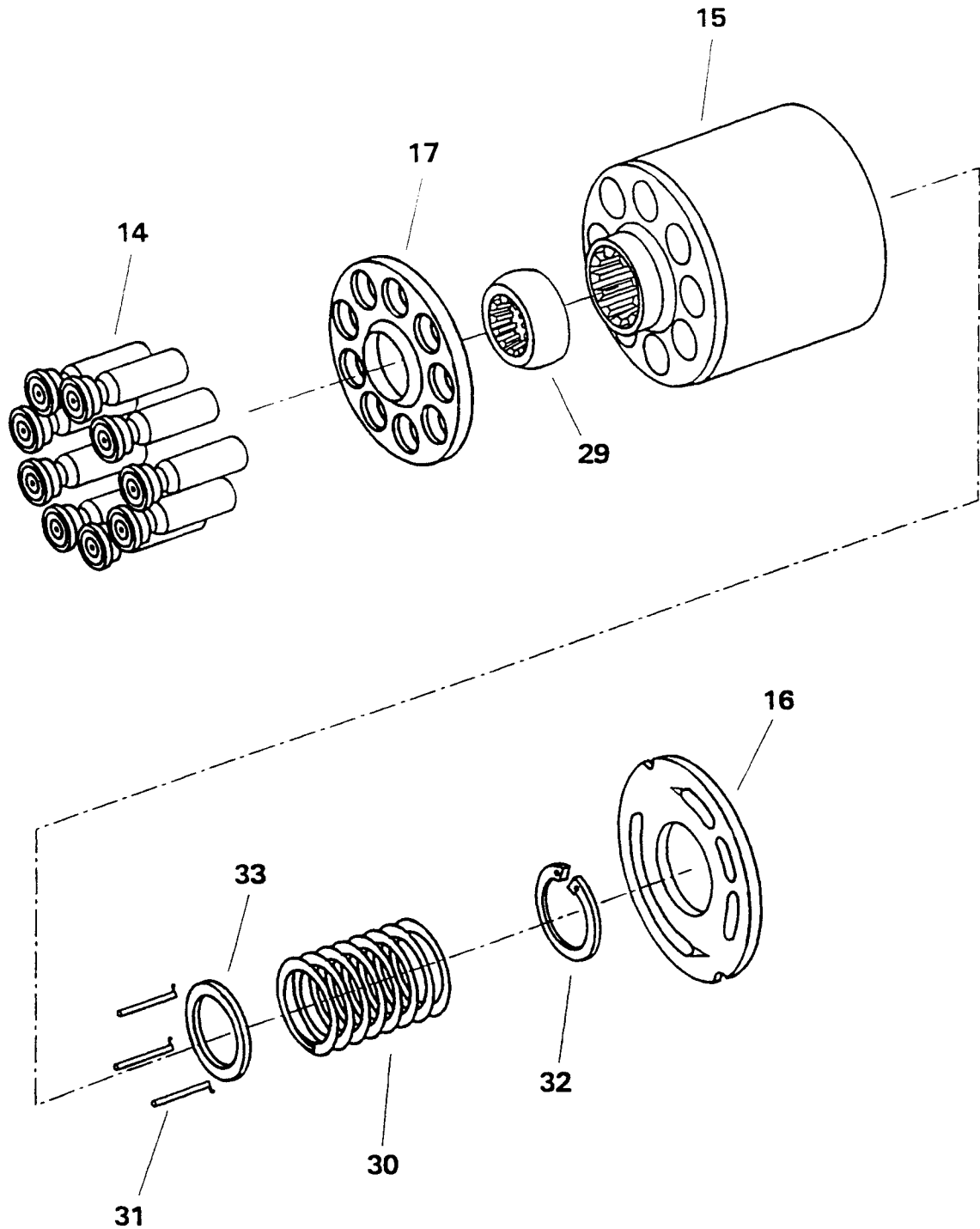
ITEM	NUMBER	DESCRIPTION	REQD
1	7-344-01	STEERING VALVE ASSY / ELECTRIC	REF
2	7-344-05	VALVE BODY	1
3	7-344-06	(L) SPOOL SUB ASSEMBLY	1
4	7-344-08	SOLENOID ASSEMBLY / 12V DC	2
5	7-344-07	O-RING (VITON) (*)	2
6	7-344-23	DC CORE SUB ASSEMBLY	2
7	7-344-12	GASKET (*)	2
8	7-344-20	COIL / 12V DC	2
9	7-344-21	O-RING (*)	2
10	7-344-22	RETAINER	2
11	7-344-13	DRIVE PIN (LISK)	2
12	7-344-10	SPRING PIN 1/8 x 3/8	3
13	7-344-09	GASKET (*)	1
14	7-344-16	ESCUTCHEON BLANK	1
15	7-344-17	STICK SCREW	2
16	7-344-18	ESCUTCHEON BLANK	1
17	7-344-19	SCREW	2
18	7-344-11	O-RING (VITON) (*)	4
19	7-344-14	SPRING	2
20	7-344-15	SPRING RETAINER	2
21	7-344-04	SEAL KIT / ITEMS MARKED (*)	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 2
 ROTARY GROUP CCW
 PARTS BREAKDOWN



7-4-97-62A/1

DRAWING
 NUMBER P4-1814

HYAULIC PUMP ASSEMBLY / 7-345-54
 SS-836 SQUARE SHOOTER

PAGE
 NUMBER 62A

ITEM	NUMBER	DESCRIPTION	REQD
1	7-345-02	HOUSING ASSEMBLY	1
2	7-345-03	ROTARY GROUP CCW	1
3	7-345-04	DFR CONTROL	1
4	7-345-05	PLUG	1
5	7-345-53	BOLT	4
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	7-345-13	PLUG	1
12	7-345-55	SHAFT / SPLINED	1
13	7-345-15	TAPERED ROLLER BEARING	1
14	7-345-27	PISTON	9
15	7-345-28	BARREL	1
16	7-345-29	LENS PLATE	1
17	7-345-30	RETAINING PLATE	1
18	7-345-16	SWASH PLATE BEARING	2
19	7-345-17	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	DOWELL PIN	1
25	7-345-23	BLOCK PORT ASSY.	1
26	7-345-24	CAP SCREW	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	7-345-33	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	CAP SCREW	4
41	7-345-43	PLUG	1
42	7-345-45	O-RING (*)	1
43	7-345-46	O-RING (*)	1
44	7-345-06	O-RING (*)	1
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

7-4-97-62C/1

DRAWING
NUMBER

P4-1814

HYRAULIC PUMP ASSEMBLY / 7-345-54
SS-836 SQUARE SHOOTERPAGE
NUMBER 62C

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

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

OPTIONAL EQUIPMENT SECTION

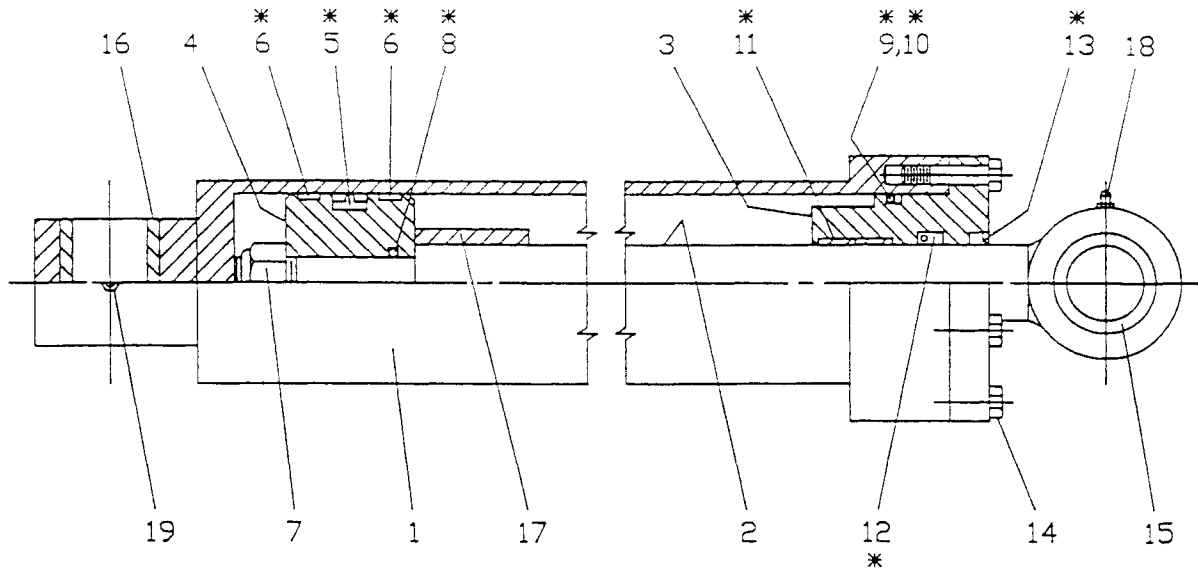
ITEM	NUMBER	DESCRIPTION	REQD
1	4-1561	DOOR WELDMENT	1
2	2-1124-2	HINGE / REF. ONLY	REF
3	4-1568	REAR PANEL / DOOR SIDE	1
4	4-1569	RIGHT HAND PANEL / FIXED WINDOWS	1
5	6-3910-01	GLASS / REAR PANEL-DOOR SIDE	1
6	6-3910-02	GLASS / RIGHT HAND PANEL (FRONT)	1
7	6-3910-03	GLASS / DOOR (UPPER)	1
8	6-3910-04	GLASS / WINDSHIELD	REF
9	6-4110-01	GLASS / DOOR (LOWER)	1
10	6-4110-02	GLASS / RIGHT HAND PANEL (REAR)	1
11	6-4110-04	GLASS / REAR PANEL	REF
12	6-9608-991	RUBBER / WINDSHIELD	REF
13	6-9608-668	RUBBER / REAR WINDOW	REF
14	6-9608-520	RUBBER / REAR PANEL-DOOR SIDE	1
15	6-9608-673	RUBBER / RIGHT HAND PANEL (FRONT)	1
16	6-9608-696	RUBBER / RIGHT HAND PANEL (REAR)	1
17	6-9608-700	RUBBER / DOOR (UPPER)	1
18	6-9608-448	RUBBER / DOOR (LOWER)	1
19	7-194-49	WEATHERSTRIP 5/32 x 3/8 x 10 FT.	1
20	7-194-47	SELF-TAPPING SCREW 5/16 NC x 3/4	33
21	6-6201-05	HEX NUT 5/16 NC	4
22	6-6212-05	FLATWASHER 5/16	4

ITEM	NUMBER	DESCRIPTION	REQD
1	4-1561	DOOR WELDMENT	REF
2	2-1069	LOWER CATCH ROD (MODIFIED)	1
3	1-1077	ROD GUIDE (MODIFIED)	1
4	7-294-01	LOCK ASSEMBLY (ITEMS 4,14 & 15)	1
5	1-1099	UPPER CATCH ROD (MODIFIED)	1
6	1-1078	4 IN. LOCKING HANDLE (MODIFIED)	1
7	7-294-03	INSIDE HANDLE	1
8	7-194-47	SELF-TAPPING SCREW 5/16 NC x 3/4	REF
9	6-6286-12	FLATWASHER #10	2
10	6-5204-05	CAPSCREW 1/4 NC x 5/8 LG.	6
11	6-6211-04	LOCKWASHER 1/4	6
12	6-6284-10	MACHINE SCREW #10-24 x 5/8 LG. SS	2
13	6-6286-04	HEX NUT #10-24 SS	2
14	-----	COTTER PIN (With Item 4) (2)	REF
15	-----	RUBBER WASHER (With Item 4) (2)	REF

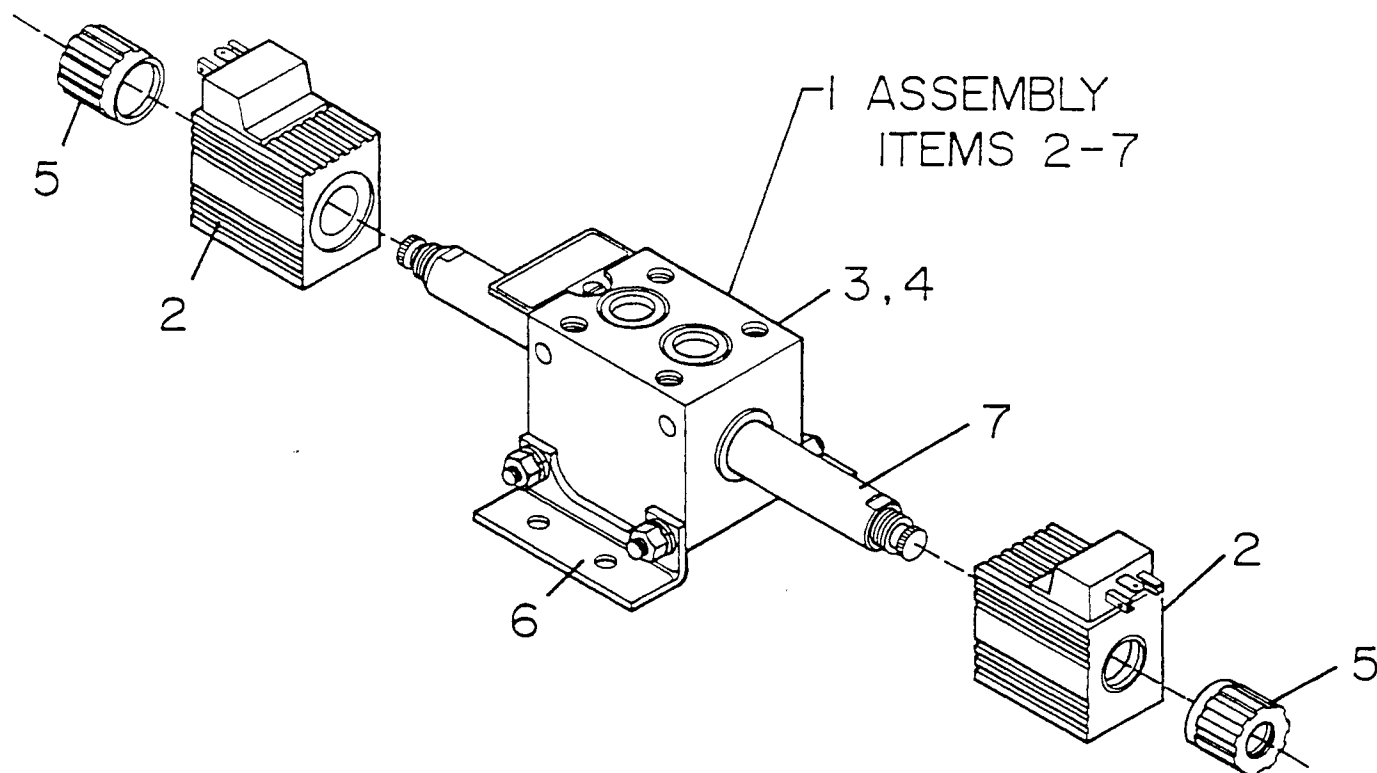
ITEM	NUMBER	DESCRIPTION	REQD
1	4-1562	PANEL / SLIDING WINDOW	1
2	6-4010-01	GLASS / RH REAR / SLIDING	1
3	6-3910-05	GLASS / RH FRONT / SLIDING	1
4	6-9614-240	RUBBER CHANNEL	1
5	6-9614-181	RUBBER CHANNEL	1
6	6-9614-177	RUBBER CHANNEL	1
7	6-9614-147	RUBBER CHANNEL	1
8	6-9614-54	RUBBER CHANNEL	1
9	4-1562-1	CHANNEL WELDMENT / REMOVABLE	REF
10	7-226-03	HANDLE / SLIDING WINDOW	1
11	6-6201-04	HEX NUT 1/4 NC	5
12	6-6211-04	LOCKWASHER 1/4	5
13	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	5
14	7-194-47	SELF-TAPPING SCREW 5/16 NC x 3/4	16

ITEM	NUMBER	DESCRIPTION	REQD
1	SEE TABLE	ROTATING FORK FRAME	REF
2	4-1117	PIVOT FRAME / SS-836	1
3	7-316-05	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	1
23			
24		TABLE / FORK FRAMES & PINS	
25			
26	4-1118	ROTATE FORK FRAME / 48 WIDE	REF
27	4-1292	ROTATE FORK FRAME / 60 WIDE	REF
28	4-1170	ROTATE FORK FRAME / 72 WIDE	REF
29	2-1067-10	PIN / FORK TINE / 48 WIDE	REF
30	2-1067-12	PIN / FORK TINE / 60 WIDE	REF
31	2-1067-11	PIN / FORK TINE / 72 WIDE	REF

ITEM	NUMBER	DESCRIPTION	REQD
1	7-316-05	CYLINDER / ROTATE	REF
2	6-6493-02	FITTING / 06 OR x 06 TUBE 90	1
3	6-6501-32	TUBING 3/8 x 4 LG.	1
4	6-6492-02	FITTING / 06 OR x 06 TUBE STR	1
5	7-234-35	DUAL CHECK VALVE	1
6	6-5605-20	CAPSCREW / SH 5/16 NC x 2 1/2 LG.	2
7	6-6214-05	LOCKWASHER 5/16 HI-COLLAR	2
8	6-6450-08	FITTING / 06 OR x 06 JIC STR	2
9	6-6453-06	FITTING / 06 OR x 06 JIC 90	1
10	6-7023-128	HOSE / 06 x 06-90 x 64 LG.	1
11	6-7023-120	HOSE / 06 x 06-90 x 60 LG.	1
12	7-273-27	CLAMP HALF SET / 3/8 HOSE / TWIN	1
13	1-1064	BULKHEAD MOUNTING PLATE	1
14	6-6477-05	FITTING / 06 JIC BH-UNION 90	2
15	7-292-03	BONDED HOSE	1
16	7-292-01	HOSE REEL ASSEMBLY	1
17	1-2020	MOUNT / HOSE REEL	REF
18	1-2020	MOUNT / HOSE REEL	REF
19	6-6450-08	FITTING / 06 OR x 06 JIC STR	2
20	6-5208-32	CAPSCREW 1/2 NC x 4 LG.	2
21	6-6201-08	HEX NUT 1/2 NC	2
22	6-6211-08	LOCKWASHER 1/2	2
23	6-6450-08	FITTING / 06 OR x 06 JIC STR	2
24	6-7013-22	HOSE / 06 x 08 x 11 LG.	1
25	6-7013-22	HOSE / 06 x 08 x 11 LG.	1
26	6-6490-03	FITTING / 08 JIC x 08 TUBE STR	4
27	7-273-21	CLAMP HALF SET / 1/2 TUBE / TWIN	3
28	3-1064-1	FORMED TUBE 1/2 OD	1
29	3-1064-2	FORMED TUBE 1/2 OD	1
30	6-7043-184	HOSE / 08 x 06-90 x 92 LG.	1
31	6-7043-184	HOSE / 08 x 06-90 x 92 LG.	1
32	7-244-31	4-WAY ELECTRIC VALVE	1
33	6-6452-03	FITTING / 06 OR x 06 JIC 45	2
34	6-7003-62	HOSE / 06 x 06 x 31 LG.	1
35	6-6453-04	FITTING / 06 OR x 04 JIC 90	1
36	6-6426-09	FITTING / 06 NPT x 06 JIC 45	1
37	6-7022-62	HOSE / 04 x 04-90 x 31 LG.	1
38	6-6450-05	FITTING / 06 OR x 04 JIC STR	REF
39	7-127-04	SWITCH / ROTATE	1
40	6-6406-08	FITTING / 12 NPT x 06 NPT REDUCER	1
41	6-5204-08	CAPSCREW 1/4 NC x 1 LG.	4
42	6-6211-04	LOCKWASHER 1/4	4
43	7-273-23	TOP PLATE / 3/8 HOSE CLAMP	1
44	6-5205-14	CAPSCREW 5/16 NC x 1 3/4 LG.	1
45	7-273-23	TOP PLATE / 1/2 TUBE CLAMP	3
46	6-5205-10	CAPSCREW 5/16 NC x 1 1/4 LG.	3
47	7-244-27	DIN CONNECTOR	2
48	6-9615-192	HOSE ARMOR 1.00 ID x 24 LG.	1



ITEM	NUMBER	DESCRIPTION	REQD
1	7-316-136	TUBE WELDMENT	1
2	7-316-119	SHAFT	1
3	7-316-99	HEAD	1
4	7-316-109	PISTON	1
5	7-316-51	SEAL / PISTON (*)	1
6	7-316-62	WEAR RING / PISTON (*)	2
7	7-316-72	SELF-LOCKING NUT	1
8	7-316-77	O-RING / STUB SHAFT (*)	1
9	7-316-88	O-RING / HEAD (*)	1
10	7-316-89	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	4
15	7-316-158	BRONZE BUSHING / Ref 6-4510-16	1
16	7-316-159	BRONZE BUSHING / Ref 6-4510-12	1
17	7-316-140	SPACER	1
18	7-316-150	LUBE FITTING / SHAFT END	1
19	7-316-149	LUBE FITTING / BASE END	1
20			
21	7-900-25	SEAL KIT / ITEMS MARKED (*)	REF



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

