

BARAGA PRODUCTS, INC.

SS-836 PARTS BOOK
DATE 8/12/88

STANDARD EQUIPMENT SECTION

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2A	POWER TRAIN ASSY / SS-836	P4-1102A
3A	BOOM ASSEMBLY / SS-836	P4-1076A
3B	SMALL BOOM SECTION / SS-836	P4-1121A
3C	MIDDLE BOOM SECTION / SS-836	P4-1122A
3D	LARGE BOOM SECTION / SS-836	P5-1002A
4A	LIFT COPY ASSEMBLY / SS-836	P4-1103A
5A	FOOT BRAKE ASSEMBLY / SS-836	P4-1097A
6A	PARKING BRAKE ASSY / SS-836	P1-1038A
7A	HAND BRAKE ASSY / SS-836	P4-1112A
8A	TRANSMISSION CONTROL ASSY / SS-836	P3-1105A
9A	ACCELERATOR ASSY / ENGINE / SS-836	P1-1036A
10A	ACCELERATOR ASSY / PEDAL / SS-836	P1-1037A
11A	ENGINE ENCLOSURE ASSY / SS-836	P4-1111A
12A	EXHAUST ASSEMBLY / SS-836	P4-1096A
13A	AIR CLEANER ASSY / SS-836	P4-1095A
14A	PUMP DRIVE ASSEMBLY / SS-836	P3-1113A
15A	FRONT DRIVESHAFT ASSY / SS-836	P1-1061A
16A	REAR DRIVESHAFT ASSY / SS-836	P1-1062A
17A	TIRE & WHEEL ASSEMBLY / SS-836	P3-1114A
18A	WIRING DIAGRAM / SS-836	P4-1147A
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20A	HYDRAULIC SCHEMATIC / SS-836	P4-1114A
21A	CIRCUIT / TANK-PUMP / SS-836	P4-1094A
22A	CIRCUIT / LIFT / SS-836	P4-1093A
23A	CIRCUIT / BOOM / SS-836	P4-1145A
24A	CIRCUIT / TILT / SS-836	P4-1146A
25A	CIRCUIT / STEERING / SS-836	P4-1083A
26A	CIRCUIT / 4-WAY CONTROLLER / SS-836	P4-1115A
27A	CIRCUIT / AUTO-CONTROLLER / SS-836	P4-1090A
28A	CIRCUIT / SWAY / SS-836	P4-1142A
29A	CIRCUIT / BRAKE / SS-836	P4-1041A
30A	CIRCUIT / OIL COOLER / SS-836	P4-1047A
31A	CIRCUIT / FUEL / SS-836	P3-1103A
31B	CIRCUIT / PRESSURE SWITCH / SS-836	P3-1118A
31D	SENDER ASSEMBLY / SS-836	P3-1131A
31E	SENDER ASSEMBLY / SS-836	P3-1130A
32A	LIFT CYLINDER / SS-836	P4-1055A
33A	TILT CYLINDER / SS-836	P4-1049A
34A	BOOM CYLINDER / SS-836	P4-1057A
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36A	CONTROL BLOCK ASSY / SS-836	P4-1099A
37A	LOGIC BLOCK ASSEMBLY / SS-836	P4-1098A
38A	BY-PASS VALVE / SS-836	P3-1099A
39A	MOTION VALVE / HEAD TILT CYLINDER	P3-1097A
40A	MOTION VALVE / BASE TILT CYLINDER	P3-1098A
41A	MOTION VALVE / LIFT-BOOM CYLINDER	P3-1096A
42A	DUEL PILOT CHECK VALVE	P3-1100A

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STANDARD EQUIPMENT SECTION

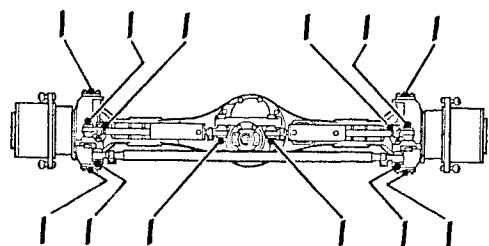
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PAGE	DESCRIPTION	DRAWING
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43A	7-122-01 ORBITRAL ASSEMBLY	P1-1039A
44A	7-217-02 SELECTOR VALVE	P3-1106A
45A	7-256-07 PRESSURE FILTER ASSY	P1-1059A
46A	7-256-02 RETURN FILTER ASSY	P1-1060A
47A	7-198-01 BRAKE VALVE ASSEMBLY	P1-1069A
48A	7-257-01 HYD. PUMP ASSEMBLY	P4-1123A
49A	HANDLE ASSEMBLY / 4-WAY CONTROLLER	P1-1081A

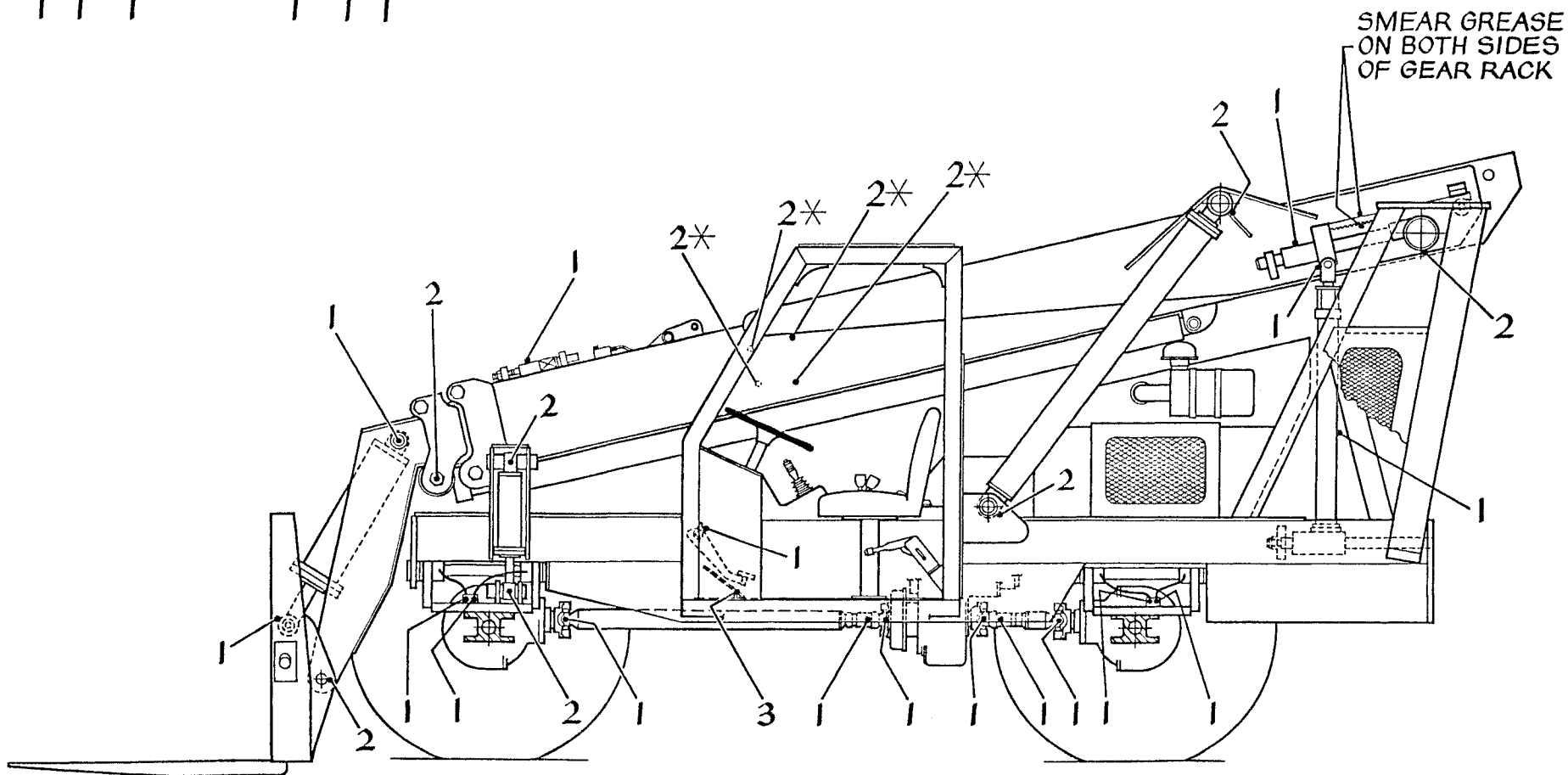
OPTIONAL EQUIPMENT SECTION

PAGE	DESCRIPTION	DRAWING
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60A	CAB ASSEMBLY / SS-836	P5-1003A
61A	CAB DOOR ASSEMBLY / SS-836	P4-1130A
62A	FORK FRAME ROTATE ASSY / SS-836	P3-1120A
63A	CYLINDER ASSEMBLY / ROTATE	P4-1119A
64A	CIRCUIT / FORK ROTATE / SS-836	P4-1127A
65A	HOSE ROLLER ASSEMBLY / SS-836	P3-1108A

FRONT & REAR
AXLES TYPICAL



* GREASE WITH BOOM
FULLY EXTENDED

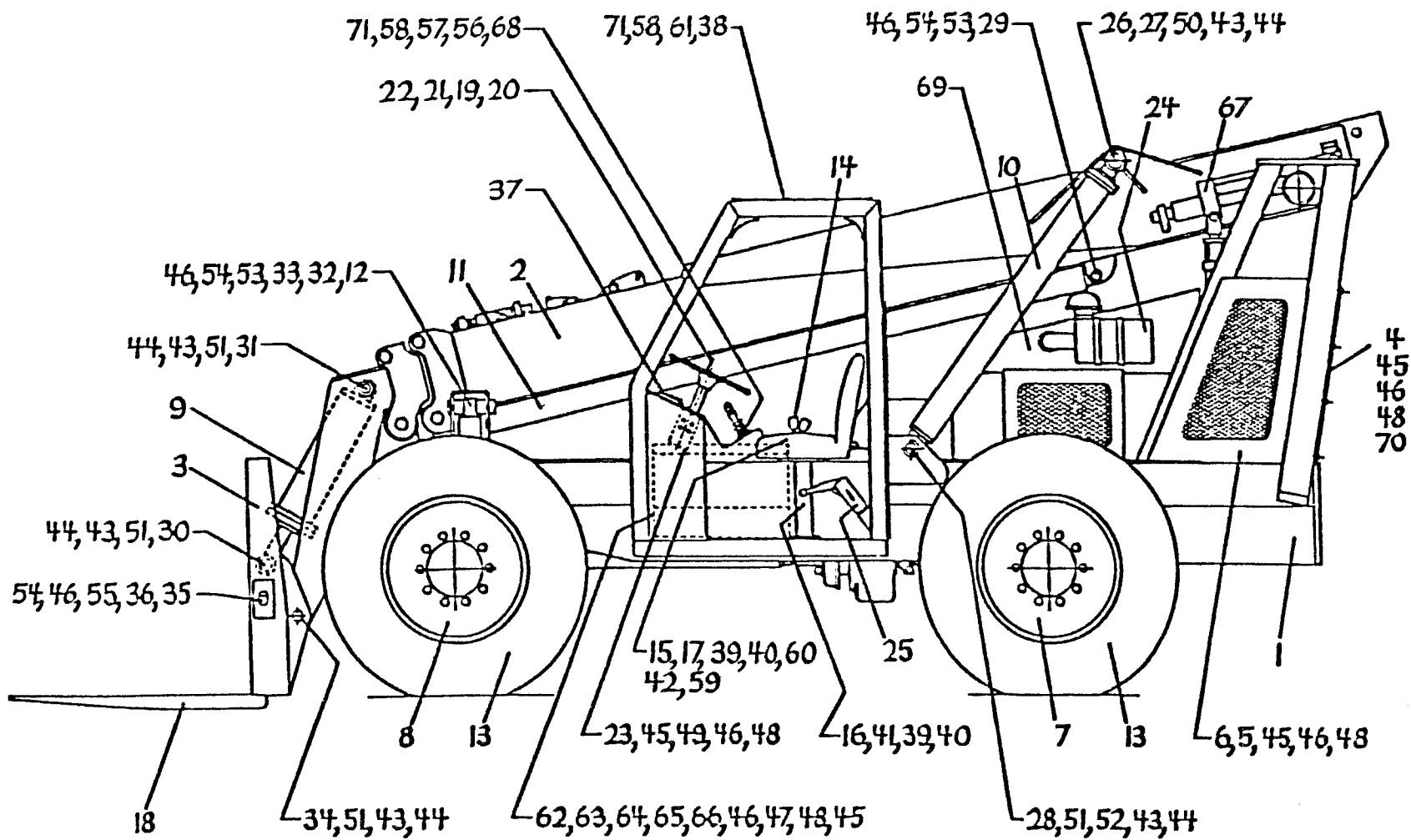


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P4-1100A

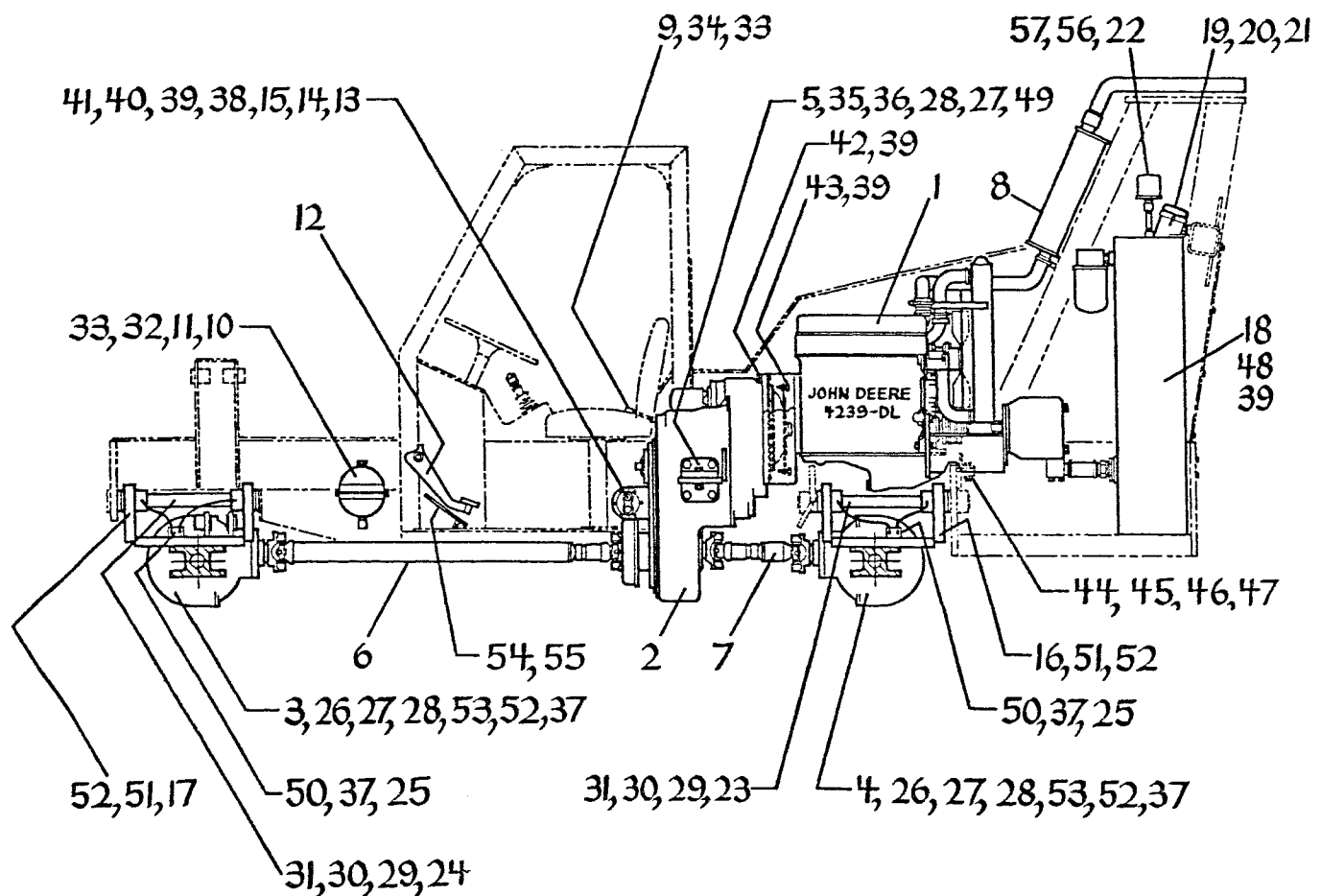
LUBE CHART / 88-836

PAGE
NUMBER



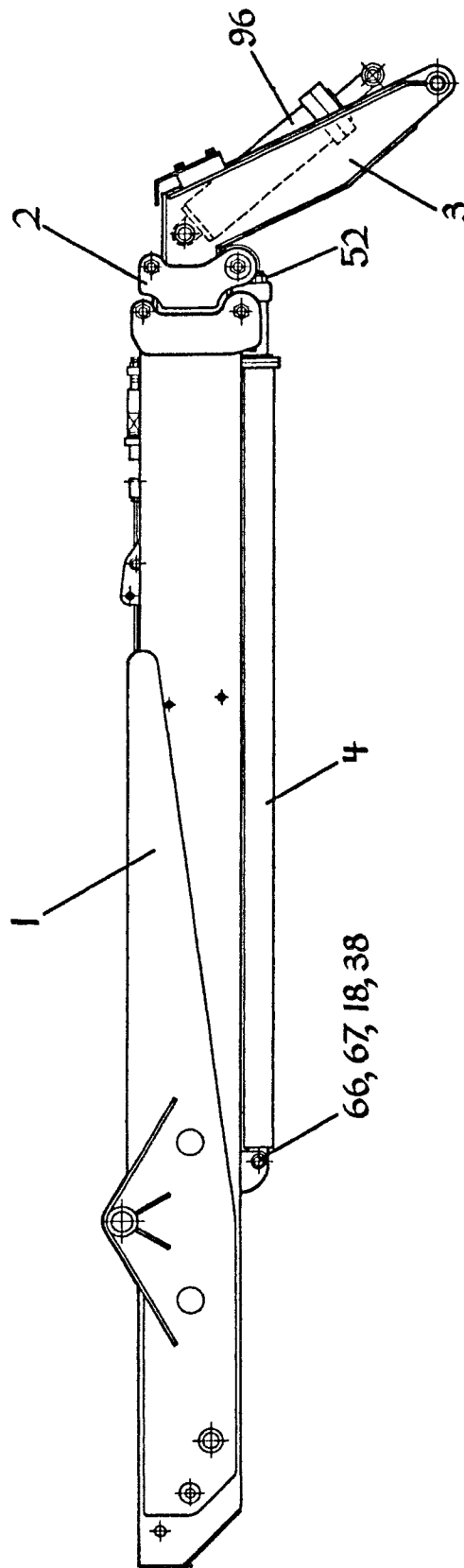
ITEM	NUMBER	DESCRIPTION	REQD
1	4-1063	MAIN FRAME WELDMENT	1
2	P4-1076A	BOOM ASSEMBLY	REF
3	4-1062	FORK FRAME / 48 WIDE	1
4	4-1109	REAR PANEL	1
5	3-1095-1	SIDE PANEL / RH	1
6	3-1095-2	SIDE PANEL / LH	1
7	3-1036-50	WHEEL ASSEMBLY (SEE P3-1114A)	2
8	3-1036-50	WHEEL ASSEMBLY (SEE P3-1114A)	2
9	4-1049	CYLINDER / TILT (SEE P4-1049A)	1
10	4-1055	CYLINDER / LIFT (SEE P4-1055A)	2
11	4-1057	CYLINDER / BOOM (SEE P4-1057A)	1
12	4-1044	CYLINDER / SWAY (SEE P4-1044A)	2
13	7-163-01	TIRE 13.00-24 (SEE P3-1114A)	4
14	P3-1105A	TRANSMISSION CONTROL ASSEMBLY	REF
15	7-223-01	SEAT	1
16	3-1051	SEAT PEDESTAL	1
17	7-274-01	SEAT BELT	1
18	3-1028-10	FORK TINE / 48 LG.	2
19	7-122-03	STEERING WHEEL	1
20	7-122-02	STEERING COLUMN	1
21	7-122-04	HORN BUTTON KIT	1
22	7-122-05	NUT / STEERING WHEEL	1
23	7-122-01	STEERING ORBITRAL (SEE P1-1039A)	1
24	P4-1095A	AIR CLEANER ASSEMBLY	REF
25	P1-1038A	PARKING BRAKE ASSEMBLY	REF
26	3-1092	PIN / HEAD LIFT CYLINDER	1
27	6-2324-10	COLLAR / HEAD LIFT CYLINDER	2
28	3-1054-2	PIN / BASE LIFT CYLINDER	2
29	6-3312-41	PIN / BASE BOOM CYLINDER	1
30	6-3316-65	PIN / HEAD TILT CYLINDER	1
31	3-1054-1	PIN / BASE TILT CYLINDER	1
32	6-3312-55	PIN / HEAD SWAY CYLINDER	2
33	6-3312-73	PIN / BASE SWAY CYLINDER	2
34	6-3316-168	PIN / FORK FRAME	1
35	2-1067-10	PIN / FORK TINE	1
36	1-1074	COLLAR / FORK TINE PIN	1
37	P3-1132A	INSTRUMENT PANEL ASSEMBLY	REF
38	3-1065	SAFETY GLASS / ROOF	1
39	6-6201-05	HEX NUT 5/16 NC	8
40	6-6211-05	LOCKWASHER 5/16	8
41	6-5205-08	CAPSCREW 5/16 NC x 1 LG.	4
42	6-6201-07	HEX NUT 7/16 NC	2
43	6-6201-08	HEX NUT 1/2 NC	7
44	6-6211-08	LOCKWASHER 1/2	7
45	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	21
46	6-6211-06	LOCKWASHER 3/8	37
47	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	6
48	6-6212-06	FLATWASHER 3/8	34
49	6-5206-12	CAPSCREW 3/8 NC x 1 1/2 LG.	2
50	6-5208-40	CAPSCREW 1/2 NC x 5 LG.	2
51	6-5208-30	CAPSCREW 1/2 NC x 3 3/4 LG.	4
52	6-5208-36	CAPSCREW 1/2 NC x 4 1/2 LG.	1
53	6-5206-22	CAPSCREW 3/8 NC x 2 3/4 LG.	5
54	6-6201-06	HEX NUT 3/8 NC	6

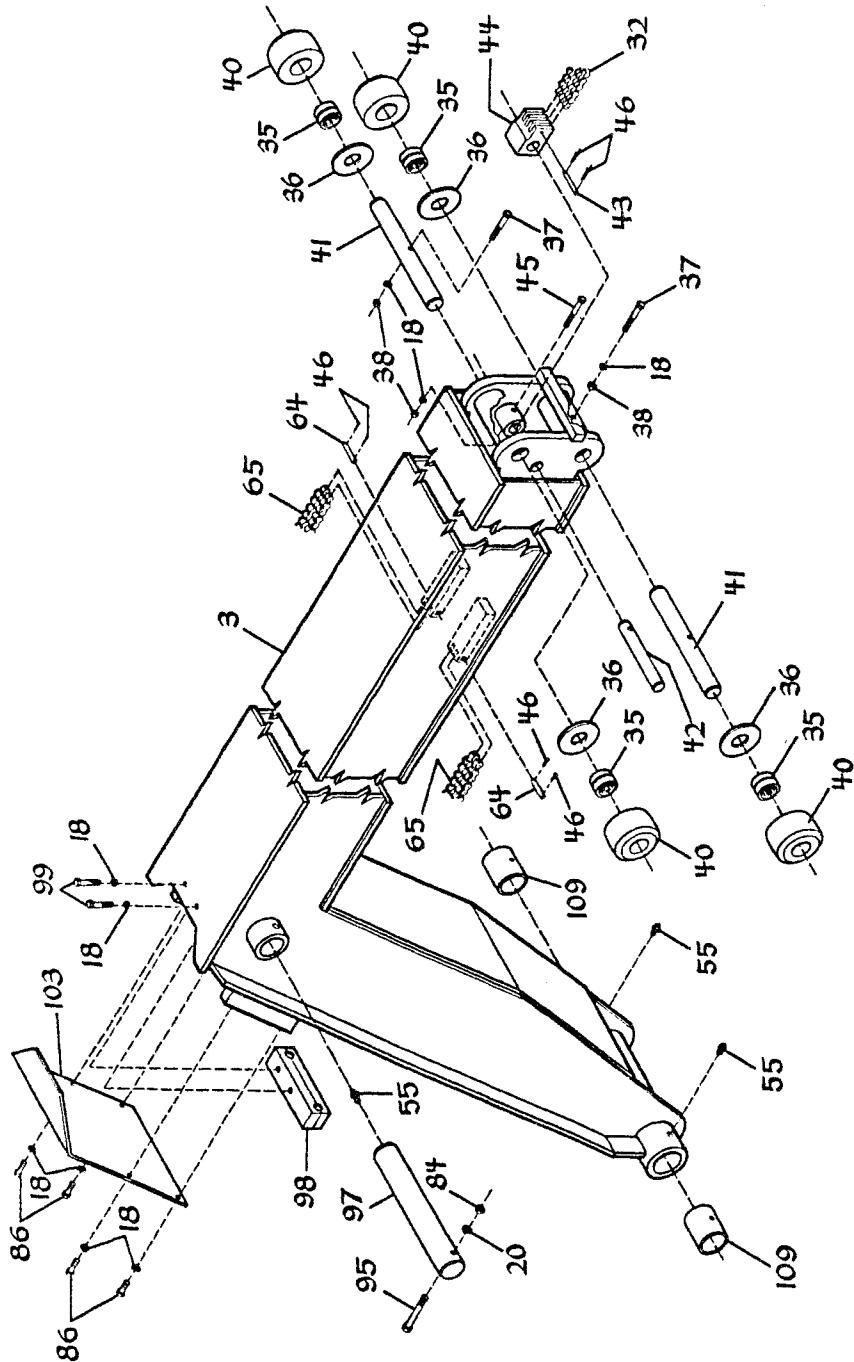
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55	6-5206-32	CAPSCREW 3/8 NC x 4 LG.	1
56	6-5204-08	CAPSCREW 1/4 NC x 1 LG.	4
57	6-6211-04	LOCKWASHER 1/4	4
58	6-6201-04	HEX NUT 1/4 NC	20
59	6-6211-07	LOCKWASHER 7/16	2
60	6-5207-08	CAPSCREW 7/16 NC x 1 LG.	2
61	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	16
62	4-1124	FUEL TANK / BATTERY BOX	1
63	1-1095	PLYWOOD PAD / BATTERY BOX	1
64	1-1096	BATTERY HOLD DOWN	1
65	7-194-09	GROMMET / BATTERY BOX	2
66	7-264-01	FILLER CAP / FUEL	1
67	P4-1103A	LIFT COPY ASSEMBLY	REF
68	7-200-02	CONTROLLER / 4-WAY (SEE P1-1081A)	1
69	P4-1111A	ENGINE ENCLOSURE ASSEMBLY	REF
70	6-5206-10	CAPSCREW 3/8 NC x 1 1/4 LG.	2
71	6-6212-04	FLATWASHER 1/4	17

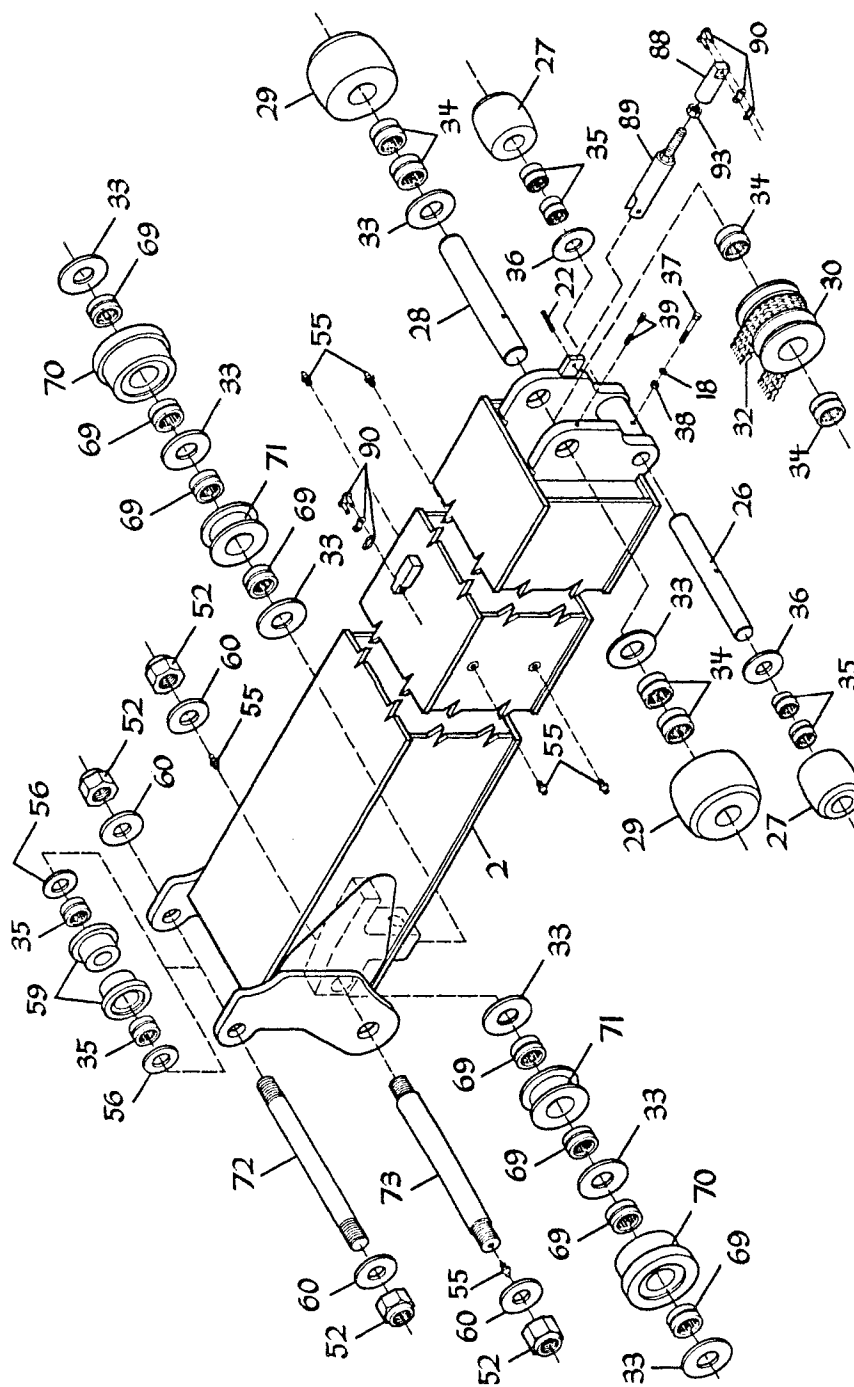


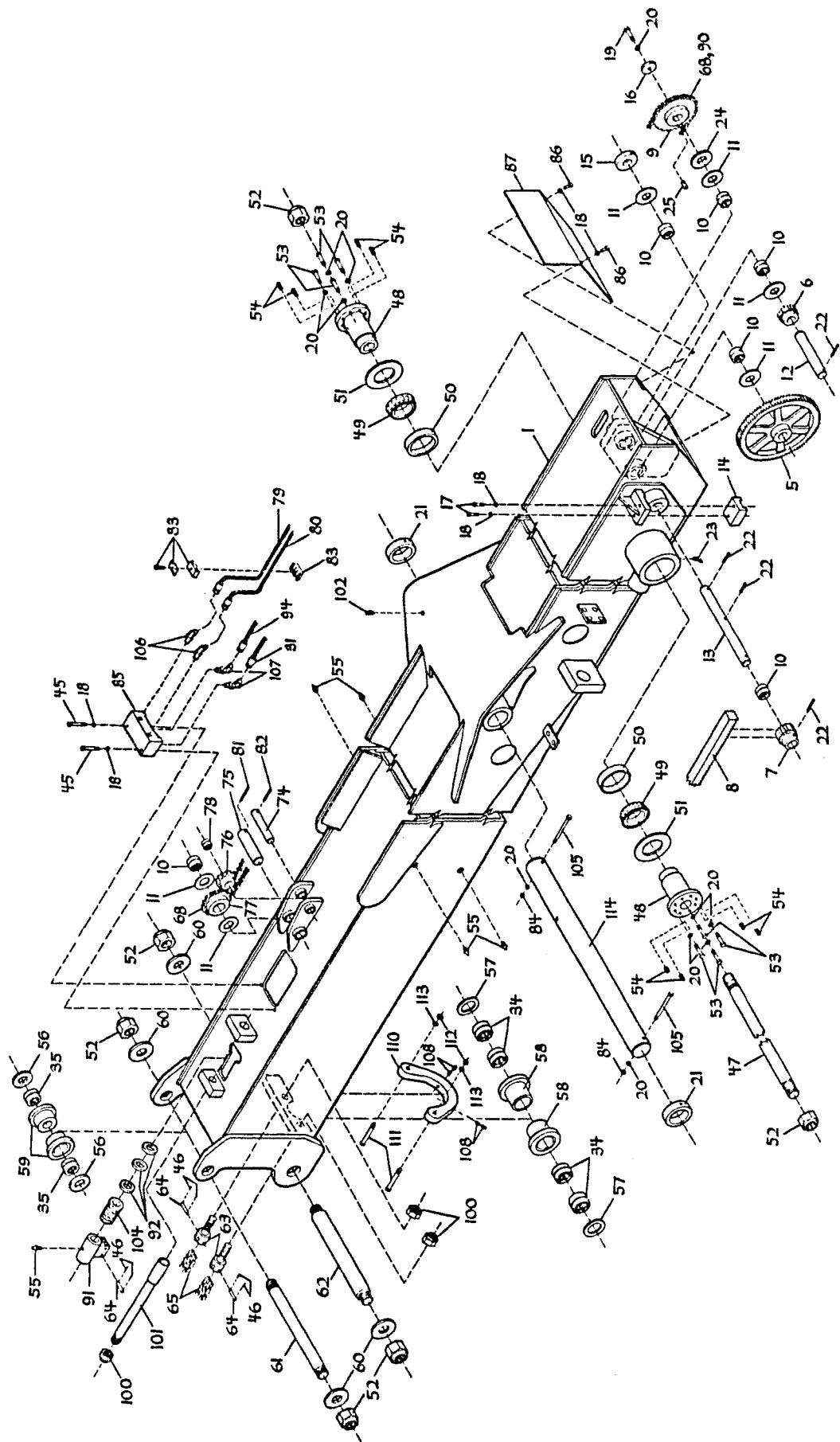
ITEM	NUMBER	DESCRIPTION	REQD
1	7-183-01	ENGINE ASSEMBLY	1
2	7-126-01	TRANSMISSION ASSEMBLY	1
3	7-229-01	AXLE ASSEMBLY / FRONT	1
4	7-229-01	AXLE ASSEMBLY / REAR	1
5	3-1034	MOUNT / TRANSMISSION	2
6	3-1017-229-C	DRIVESHAFT / FRONT (SEE P1-1061A)	1
7	3-1017-056-C	DRIVESHAFT / REAR (SEE P1-1062A)	1
8	P4-1096A	EXHAUST ASSEMBLY	REF
9	7-217-01	SELECTOR VALVE (SEE P3-1106A)	1
10	7-105-01	ACCUMULATOR / BRAKE	1
11	3-1053-2	CLAMP / ACCUMULATOR	1
12	P4-1097A	FOOT BRAKE ASSEMBLY	REF
13	7-236-01	OIL COOLER / TRANSMISSION	1
14	2-1057	MOUNT / OIL COOLER / LH	1
15	2-1058	MOUNT / OIL COOLER / RH	1
16	4-1068	REAR CRADLE	1
17	4-1068-50	FRONT CRADLE	1
18	4-1086	OIL RESERVOIR WELDMENT	1
19	7-265-03	STRAINER / FILLER CAP	1
20	7-265-01	FILLER CAP / RESERVOIR	1
21	7-161-01	SIGHT GAGE / RESERVOIR	1
22	7-253-02	BREATHER / RESERVOIR	1
23	6-3316-230	PIN / REAR CRADLE	1

ITEM	NUMBER	DESCRIPTION	REQD
24	6-3316-222	PIN / FRONT CRADLE	1
25	6-6474-01	FITTING / 02 NPT x 04 JIC M-BH	4
26	6-5312-60	CAPSCREW 3/4 NF x 7 1/2 LG.	16
27	6-6202-12	HEX NUT 3/4 NF	18
28	6-6211-12	LOCKWASHER 3/4	22
29	6-5208-36	CAPSCREW 1/2 NC x 4 1/2 LG.	2
30	6-6201-08	HEX NUT 1/2 NC	2
31	6-6211-08	LOCKWASHER 1/2	2
32	6-6201-05	HEX NUT 5/16 NC	2
33	6-6211-05	LOCKWASHER 5/16	6
34	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	4
35	6-5212-16	CAPSCREW 3/4 NC x 2 LG.	8
36	6-5312-26	CAPSCREW 3/4 NF x 3 1/4 LG.	2
37	6-6302	LUBE FITTING 1/8 NPT x 90	8
38	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	4
39	6-6211-06	LOCKWASHER 3/8	27
40	6-6201-06	HEX NUT 3/8 NC	4
41	6-6212-06	FLATWASHER 3/8	4
42	6-5206-12	CAPSCREW 3/8 NC x 1 1/2 LG.	11
43	6-5306-14	CAPSCREW 3/8 NF x 1 3/4 LG.	8
44	1-1027-04	SHIM / FRONT ENGINE MOUNT	1
45	6-5310-16	CAPSCREW 5/8 NF x 2 LG.	1
46	6-6211-10	LOCKWASHER 5/8	1
47	6-6202-10	HEX NUT 5/8 NF	1
48	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	4
49	6-6216-12	STARWASHER	4
50	6-7112-41	HOSE / 04 x 02 NPT x 20.5 LG.	4
51	6-4616-01	BRONZE BUSHING	REF
52	7-273-09	CLAMP ASSY / SINGLE 1/4 HOSE	2
53	1-1025	CLAMP 1/4 HOSE	4
54	P1-1037A	ACCELERATOR ASSY / PEDAL END	REF
55	P1-1036A	ACCELERATOR ASSY / ENGINE END	REF
56	6-6413-08	FITTING / 1/2 PIPE NIPPLE	1
57	6-6440-04	FITTING / 08 NPT COUPLING BLK-P	1









DRAWING
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P5-1002A

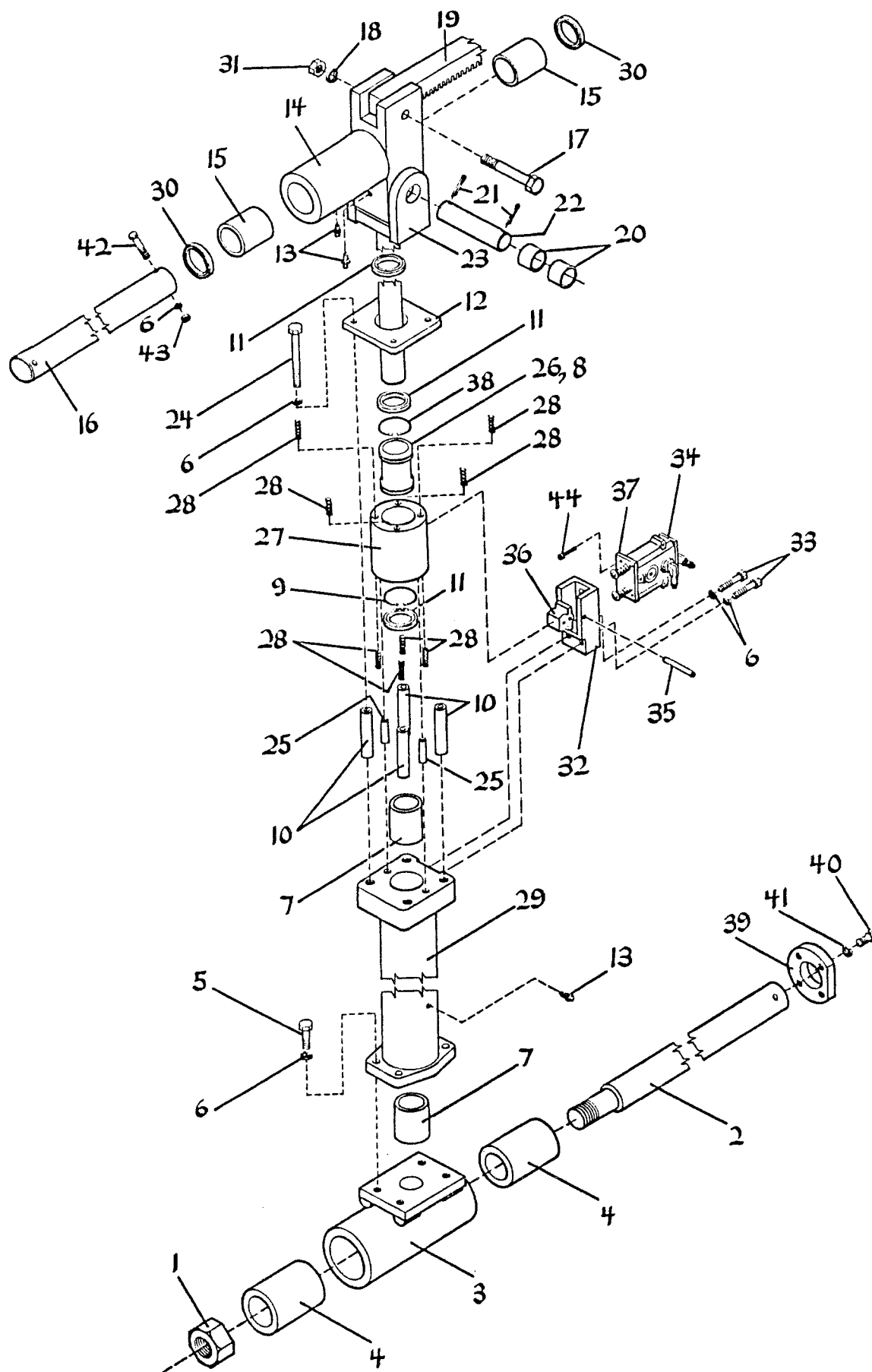
LARGE BOOM SECTION / SS-836

PAGE
NUMBER 3D

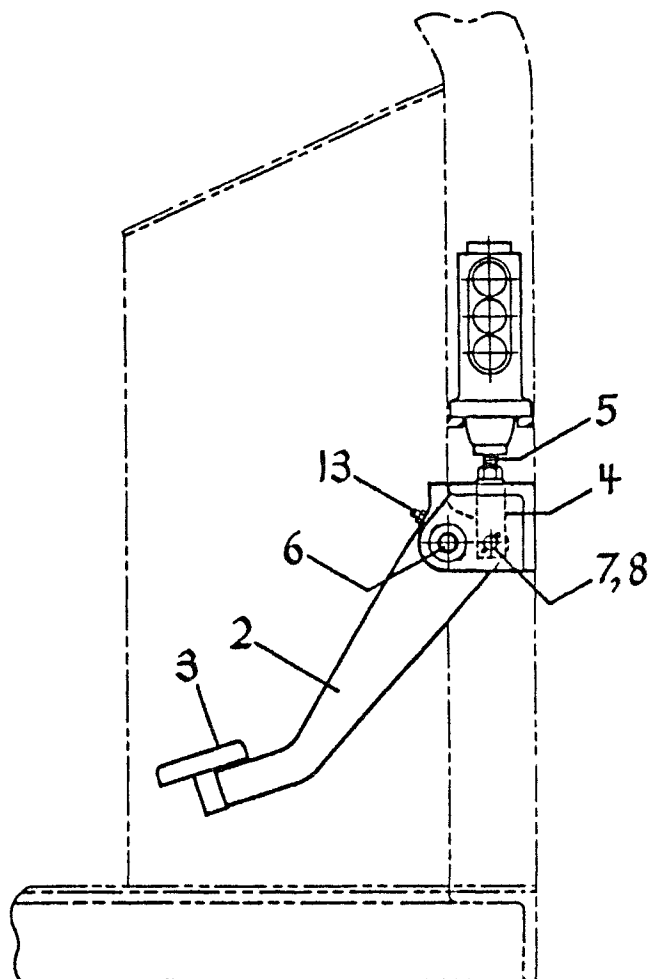
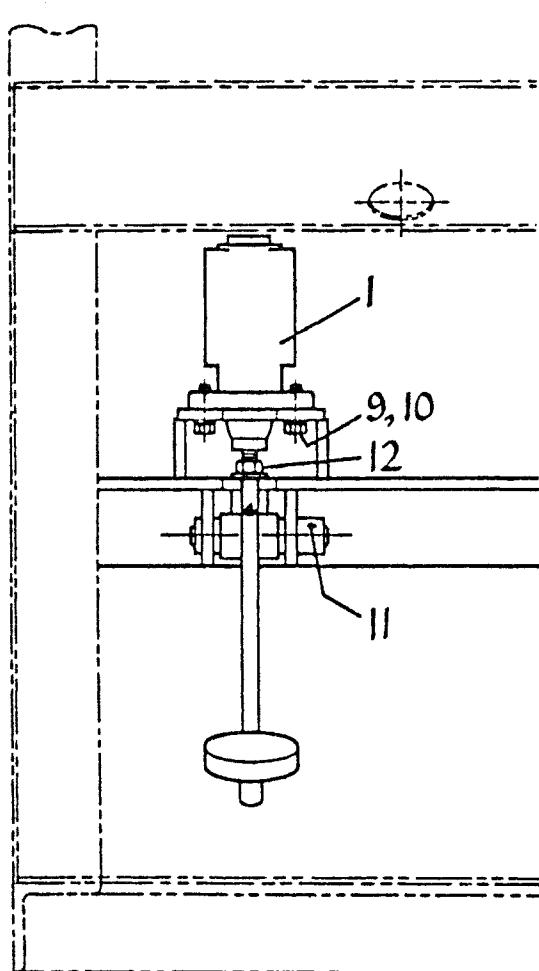
ITEM	NUMBER	DESCRIPTION	REQD
1	5-1000	LARGE BOOM (SEE P5-1002A)	1
2	4-1067	MIDDLE BOOM (SEE P4-1122A)	1
3	4-1066	SMALL BOOM (SEE P4-1121A)	1
4	4-1057	BOOM CYLINDER (SEE P4-1057A)	REF
5	4-1079-4	GEAR / 120 TEETH	1
6	4-1079-5	GEAR / 25 TEETH	1
7	4-1079-6	GEAR / 15 TEETH	1
8	4-1078-4	RACK	REF
9	4-1079-1	SPROCKET / 27 TEETH	1
10	7-193-04	NEEDLE BEARING 1 1/4 ID	6
11	6-6600-01	THRUST WASHER 1/8 x 3 OD	6
12	4-1073-10	PIN / COPY CHAIN DRIVE	1
13	4-1073-11	PIN / RACK DRIVE	1
14	1-1006	GUIDE / RACK	1
15	3-1044-2	COLLAR	1
16	3-1044-3	WASHER	1
17	6-5206-12	CAPSCREW 3/8 NC x 1 1/2 LG.	2
18	6-6211-06	LOCKWASHER 3/8	16
19	6-5308-12	CAPSCREW 1/2 NF x 1 1/2 LG.	1
20	6-6211-08	LOCKWASHER 1/2	9
21	6-2324-10	COLLAR	REF
22	6-6238-14	ROLL PIN 3/8 x 1 3/4 LG.	3
23	6-6303	LUBE FITTING 1/8 NPT x 45	5
24	1-1020	SPACER	1
25	6-6280-01	KEY 1/4 SQ x 1 1/4 LG.	1
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 / OB x OB 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	6-5308-16	CAPSCREW 1/2 NF x 2 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.	14
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	FLAT WASHER 1 1/2 ID	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	6-3312-41	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
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
75	4-1073-9	PIN / COPY SPROCKET	1
76	4-1079-3	SPROCKET / 11 TEETH	1
77	4-1079-2	SPROCKET / 17 TEETH	1
78	7-193-03	NEEDLE BEARING / 3/4 ID	1
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
82	6-6236-10	ROLL PIN 1/4 x 1 1/4 LG.	1
83	7-273-14	CLAMP / 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
89	3-1038	CHAIN ADJUSTER	1
90	7-261-04	CONNECTING LINK / WITH CLIP	3
91	3-1037-2	CHAIN ANCHOR / 666	1
92	6-6212-08	FLATWASHER 1	3
93	6-6208-10	JAM NUT 5/8 NF	1
94	6-7024-642	HOSE / 08 x 08-90 x 321 LG.	REF
95	6-5208-30	CAPSCREW 1/2 NC x 3 3/4 LG.	REF
96	4-1049	CYLINDER / TILT (SEE P4-1049A)	REF
97	3-1054-1	PIN / BASE TILT CYLINDER	REF
98	2-1050	CLAMP / 1/2 HOSE	1
99	6-5206-20	CAPSCREW 3/8 NC x 2 1/2 LG.	2
100	7-142-01	SELF-LOCKING NUT / 1.00-12 THD.	3
101	3-1037-1	ADJUSTER WELDMENT	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 DR x 08 JIC 45	REF
107	6-6453-09	FITTING / 08 DR x 08 JIC 90	2
108	6-6275-04	SETSCREW 3/8 NC x 3/4 LG.	4

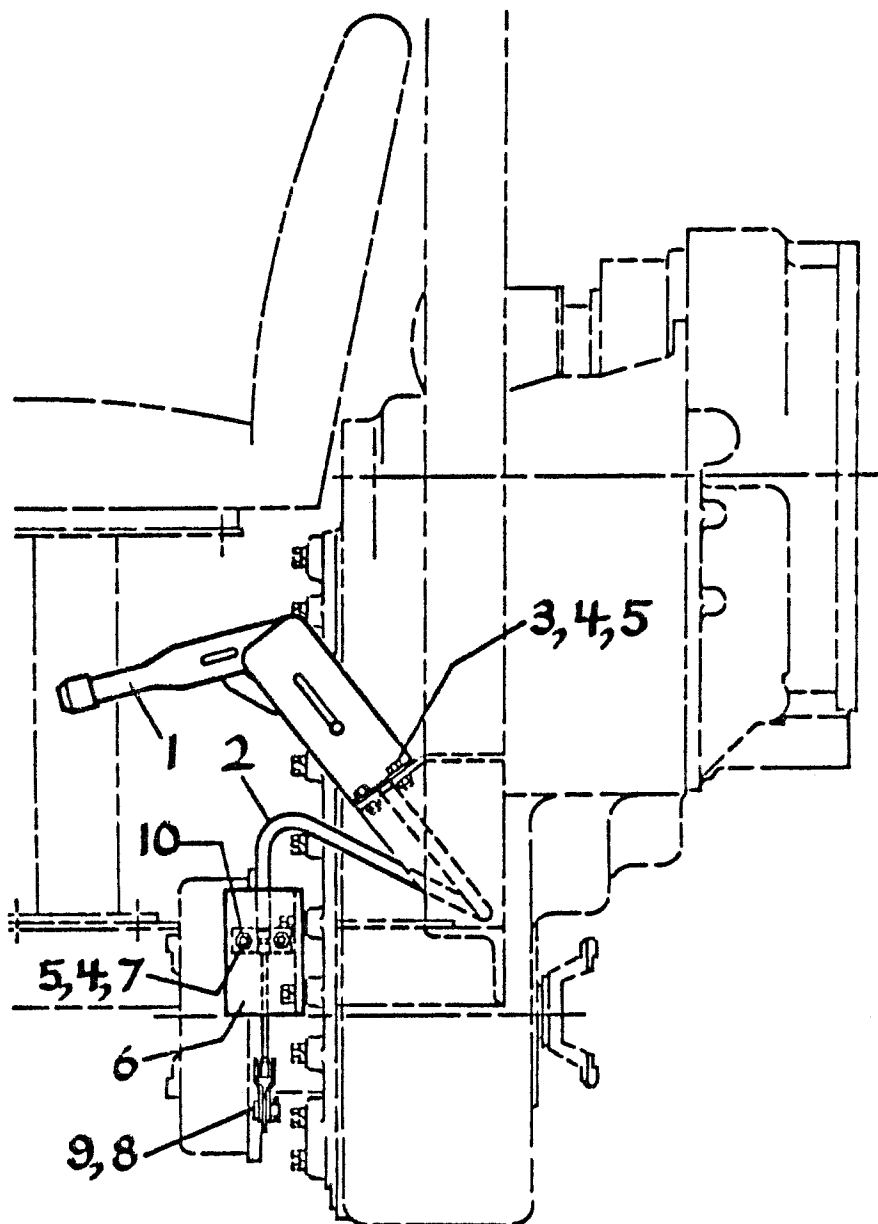
ITEM	NUMBER	DESCRIPTION	REQD
109	6-4516-24	BRONZE BUSHING	REF
110	3-1088-1	SUPPORT / BOOM CYLINDER	REF
111	6-5310-24	CAPSCREW 5/8 NF x 3 LG.	2
112	6-6202-10	HEX NUT 5/8 NF	2
113	6-6211-10	LOCKWASHER 5/8	2
114	3-1092	PIN / HEAD LIFT CYLINDER	REF



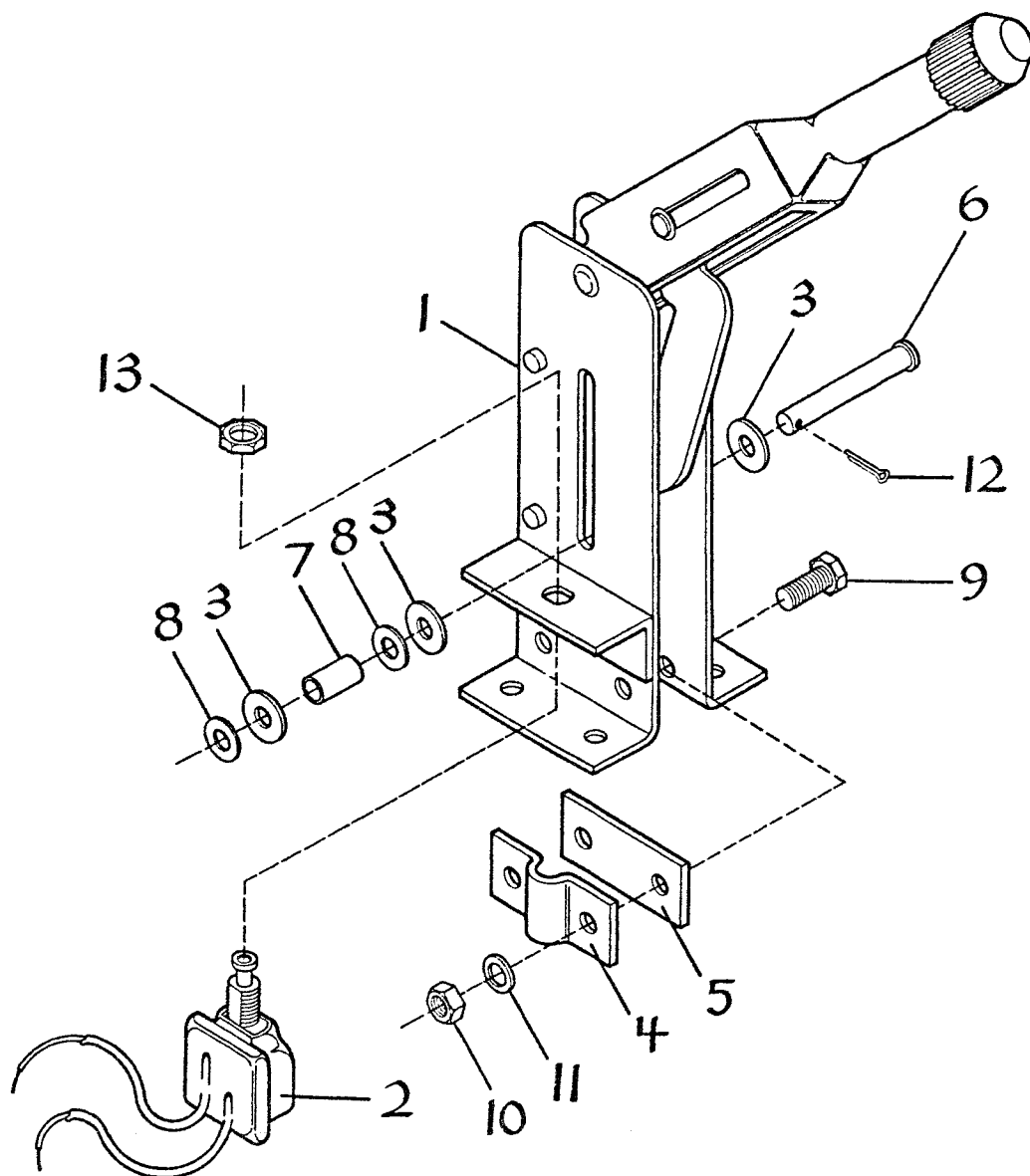
ITEM	NUMBER	DESCRIPTION	REQD
1	6-6202-24	HEX NUT 1 1/2 NF	1
2	4-1078-1	LOWER COPY SHAFT	1
3	4-1072	LOWER SLIDE	1
4	7-259-01	LINEAR BEARING	2
5	6-5206-12	CAPSCREW 3/8 NC x 1 1/2 LG.	4
6	6-6211-06	LOCKWASHER 3/8	11
7	6-4512-16	BRONZE BUSHING	2
8	7-209-60	O-RING 2 OD x 3/32	2
9	7-239-02	SNAP RING	1
10	1-1010	SPACER	4
11	7-209-32	WIPER 1 1/2 ID	3
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	6-6246-12	COTTER PIN 3/16 x 1 1/2 LG.	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	6-5206-12	CAPSCREW 3/8 NC x 1 1/2 LG.	2
34	7-200-03	AUTO CONTROLLER	1
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	7-239-01	SNAP RING	1
39	3-1031-1	MOUNT / LOWER SHAFT	REF
40	6-5208-16	CAPSCREW 1/2 NC x 2 LG.	4
41	6-6211-08	LOCKWASHER 1/2	4
42	6-5206-28	CAPSCREW 3/8 NC x 3 1/2 LG.	1
43	6-6201-06	HEX NUT 3/8 NC	1
44	7-194-10	CAPSCREW / 5MM * 20 MM LG.	4



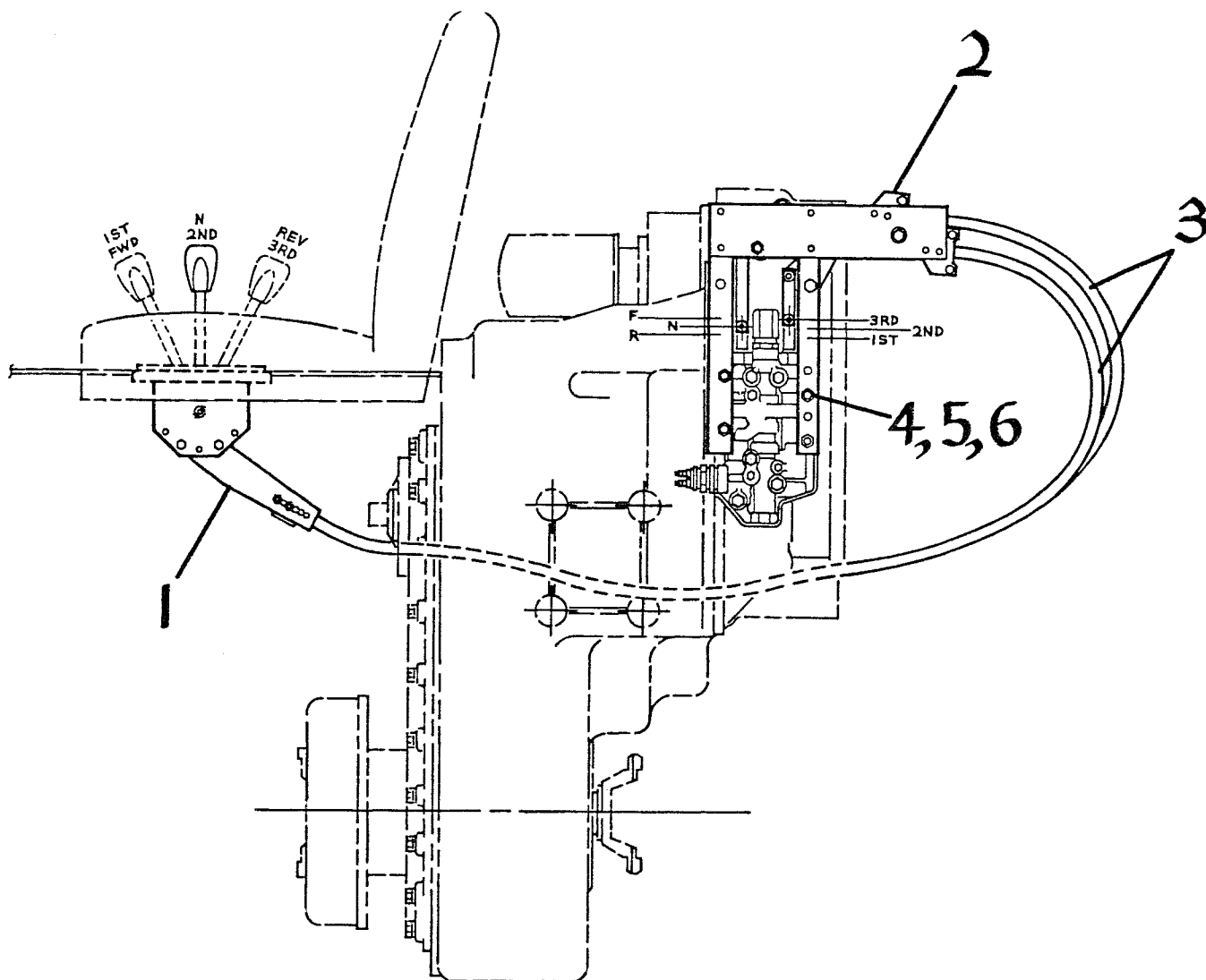
ITEM	NUMBER	DESCRIPTION	REQD
1	7-198-01	ACTUATOR / BRAKE	1
2	3-1047	PEDAL / BRAKE	1
3	7-279-01	FOOT PAD	1
4	1-1008	YOKE / BRAKE	1
5	1-1009	PUSH ROD	1
6	6-3006-01	PIN / BRAKE PEDAL	1
7	6-6261-12	CLEVIS PIN 1/2 x 1 1/2 LG.	1
8	6-6245-08	COTTER PIN 5/32 x 1 LG.	1
9	6-5206-10	CAPSCREW 3/8 NC x 1 1/4 LG.	2
10	6-6211-06	LOCKWASHER 3/8	2
11	6-6237-10	ROLL PIN 5/16 x 1 1/4 LG.	1
12	6-6202-08	HEX NUT 1/2 NF	1
13	6-6306	LUBE FITTING 1/4-28 THD.	1



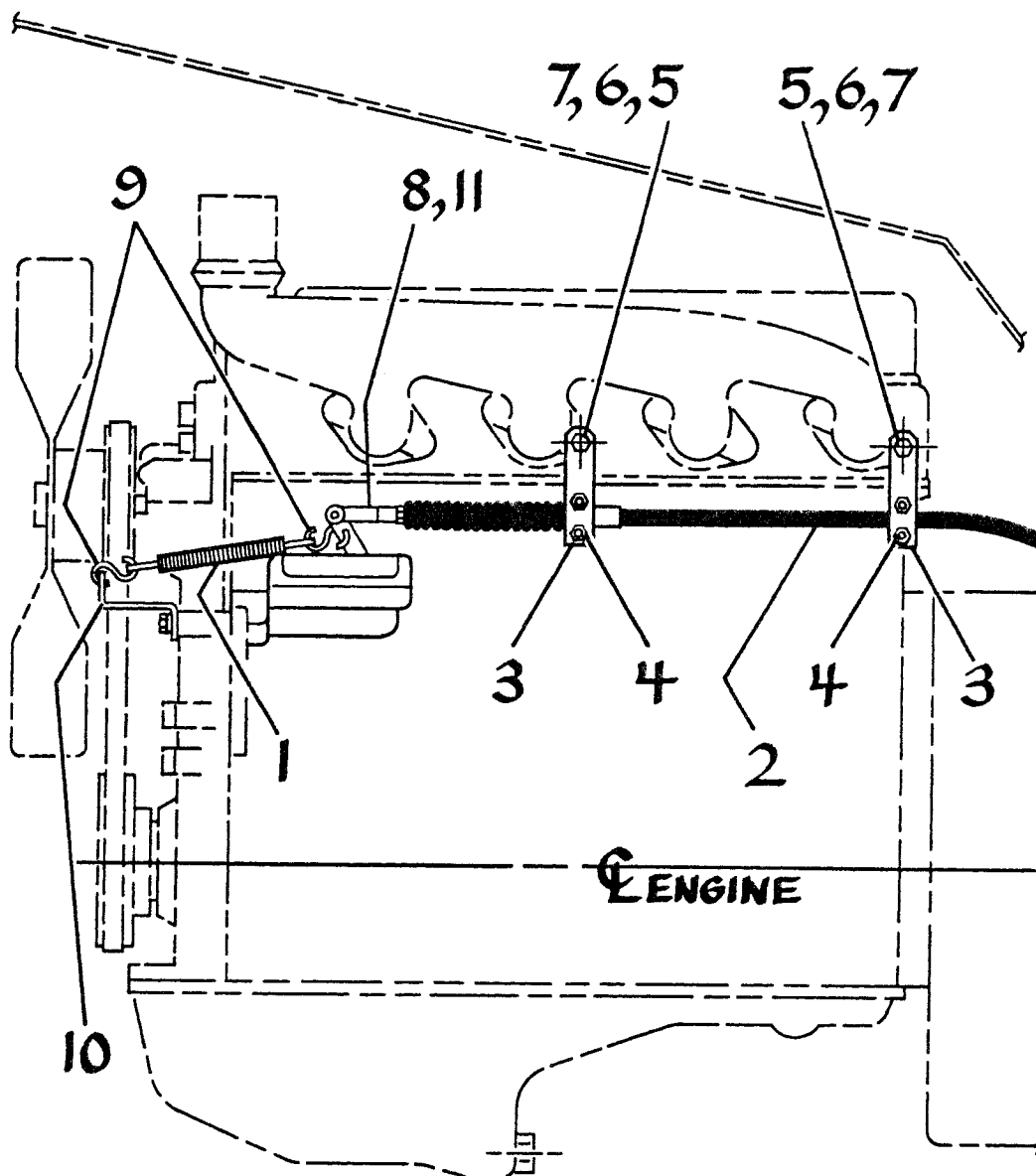
ITEM	NUMBER	DESCRIPTION	REQD
1	7-249-06	HAND BRAKE ASSY (SEE P4-1112A)	1
2	7-208-01	CABLE / PARKING BRAKE	1
3	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	4
4	6-6211-05	LOCKWASHER 5/16	6
5	6-6201-05	HEX NUT 5/16 NC	6
6	2-1053	MOUNT / BRAKE CABLE	1
7	6-5205-08	CAPSCREW 5/16 NC x 1 LG.	2
8	6-6259-06	CLEVIS PIN 3/8 x 3/4 LG.	1
9	6-6245-08	COTTER PIN 5/32 x 1 LG.	1
10	7-208-02	CLIP / CABLE MOUNTING	1



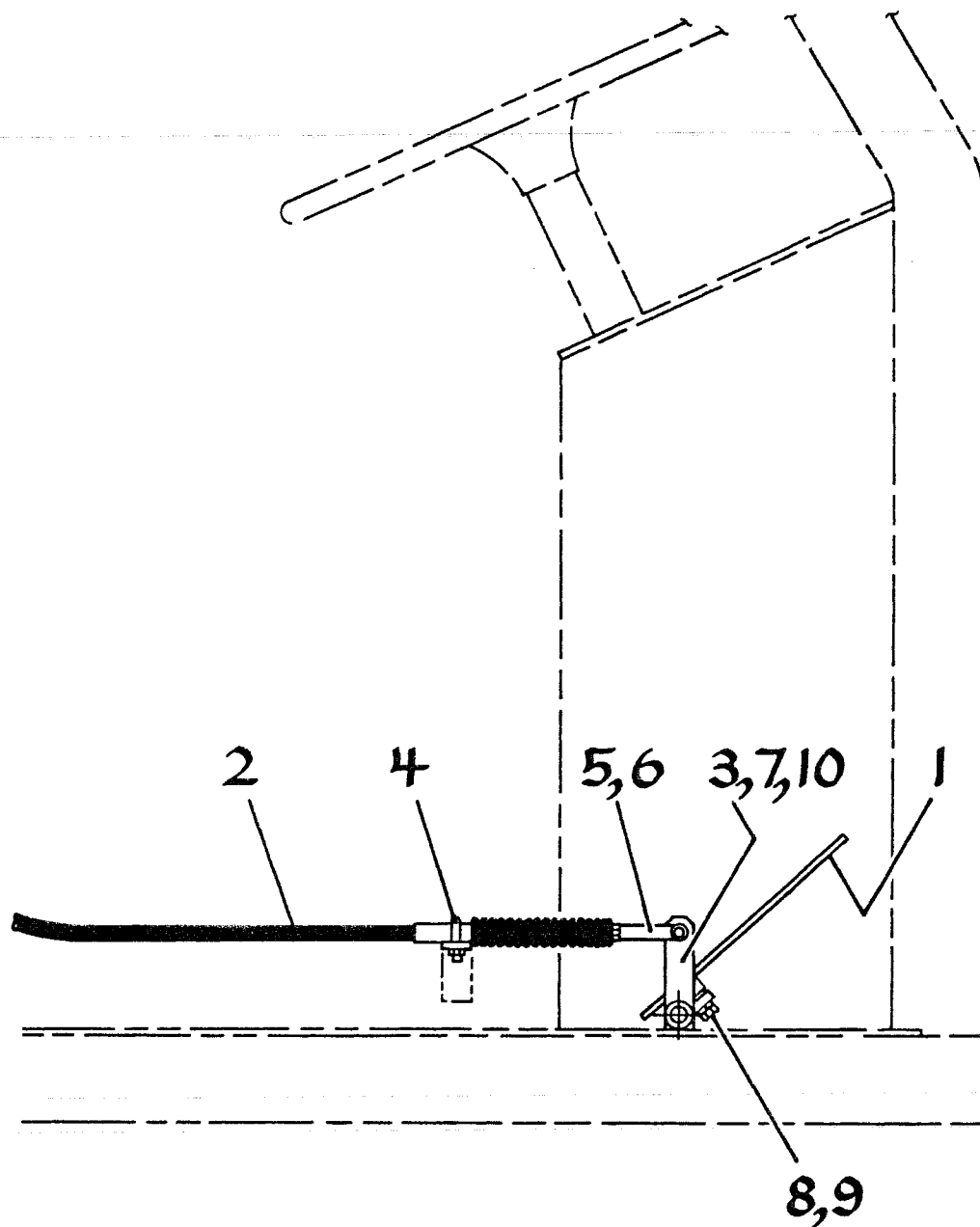
ITEM	NUMBER	DESCRIPTION	REQD
1		HAND BRAKE ASSEMBLY	REF
2	7-249-05	SWITCH KIT	REF
3	6-6212-04	FLATWASHER 1/4	3
4	7-249-07	CLAMP	REF
5	7-249-08	CLAMP BASE	REF
6	6-6258-18	CLEVIS PIN SS 5/16 x 2 1/4 LG.	1
7	7-249-09	SPACER	REF
8	7-249-10	WASHER / SS	REF
9	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	2
10	6-6201-05	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	7-249-11	PAL NUT	REF



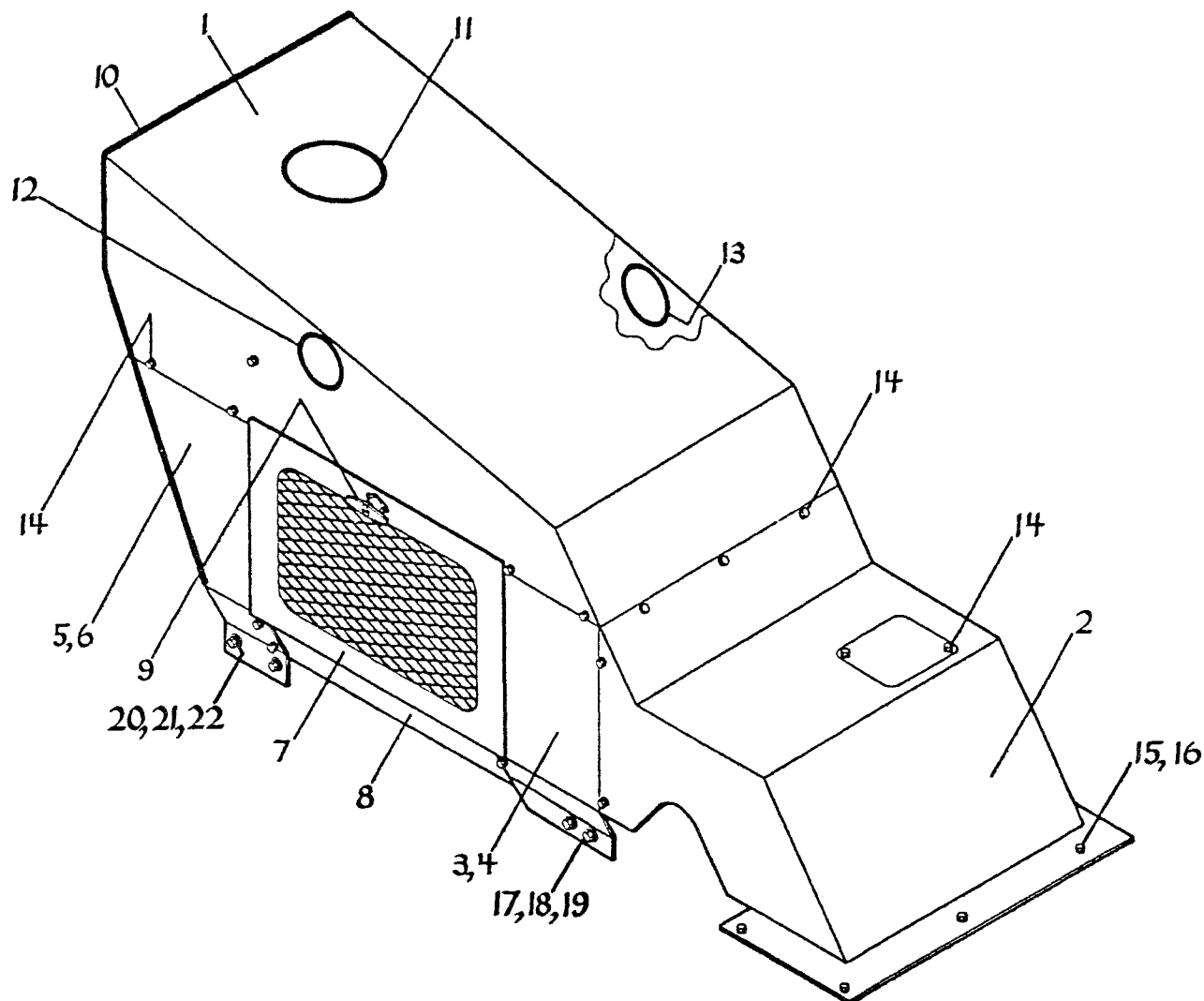
ITEM	NUMBER	DESCRIPTION	REQD
1	7-249-01	TRANSMISSION CONTROL ASSY	1
2	7-249-02	TRANSMISSION SHIFTING KIT	1
3	7-120-01	CONTROL CABLE	2
4	7-194-12	STUD 3/8 NC x 5 LG.	4
5	6-6211-06	LOCKWASHER 3/8	4
6	6-6201-06	HEX NUT 3/8 NC	4



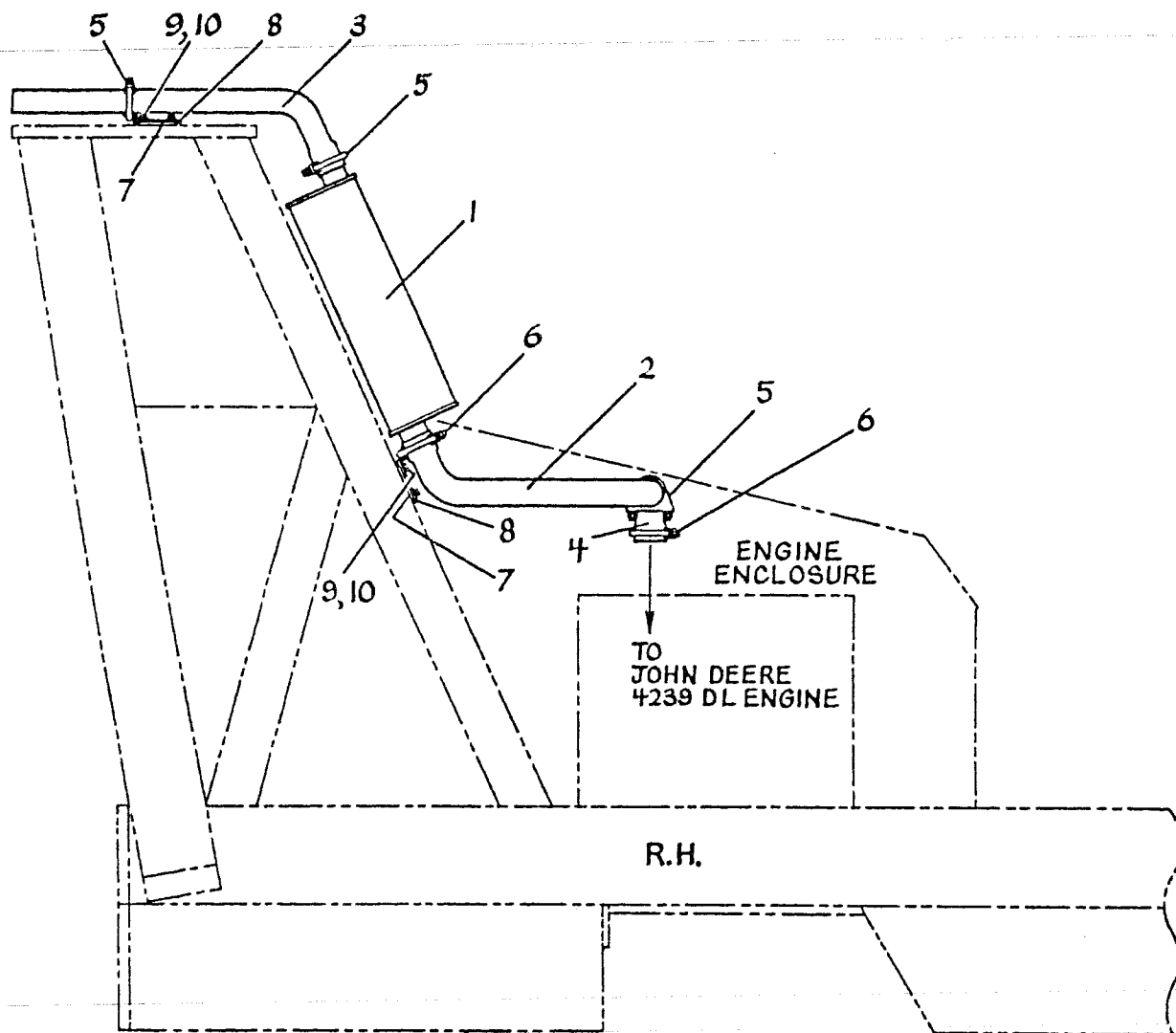
ITEM	NUMBER	DESCRIPTION	REQD
1	7-194-20	SPRING / RETURN	1
2	7-266-02	CABLE / ACCELERATOR	REF
3	1-1018	MOUNT / ACCELERATOR CABLE	2
4	7-194-07	U-BOLT W/ NUTS	2
5	6-5206-18	CAPSCREW 3/8 NC x 2 1/4 LG.	2
6	6-6211-06	LOCKWASHER 3/8	2
7	1-1029	SPACER	2
8	7-194-05	YOKE W/ CLEVIS PIN & COTTER PIN	1
9	7-194-18	S-HOOK	2
10	1-1017	MOUNT / RETURN SPRING	1
11	6-6208-04	JAM NUT 1/4-28 W/ CABLE	REF



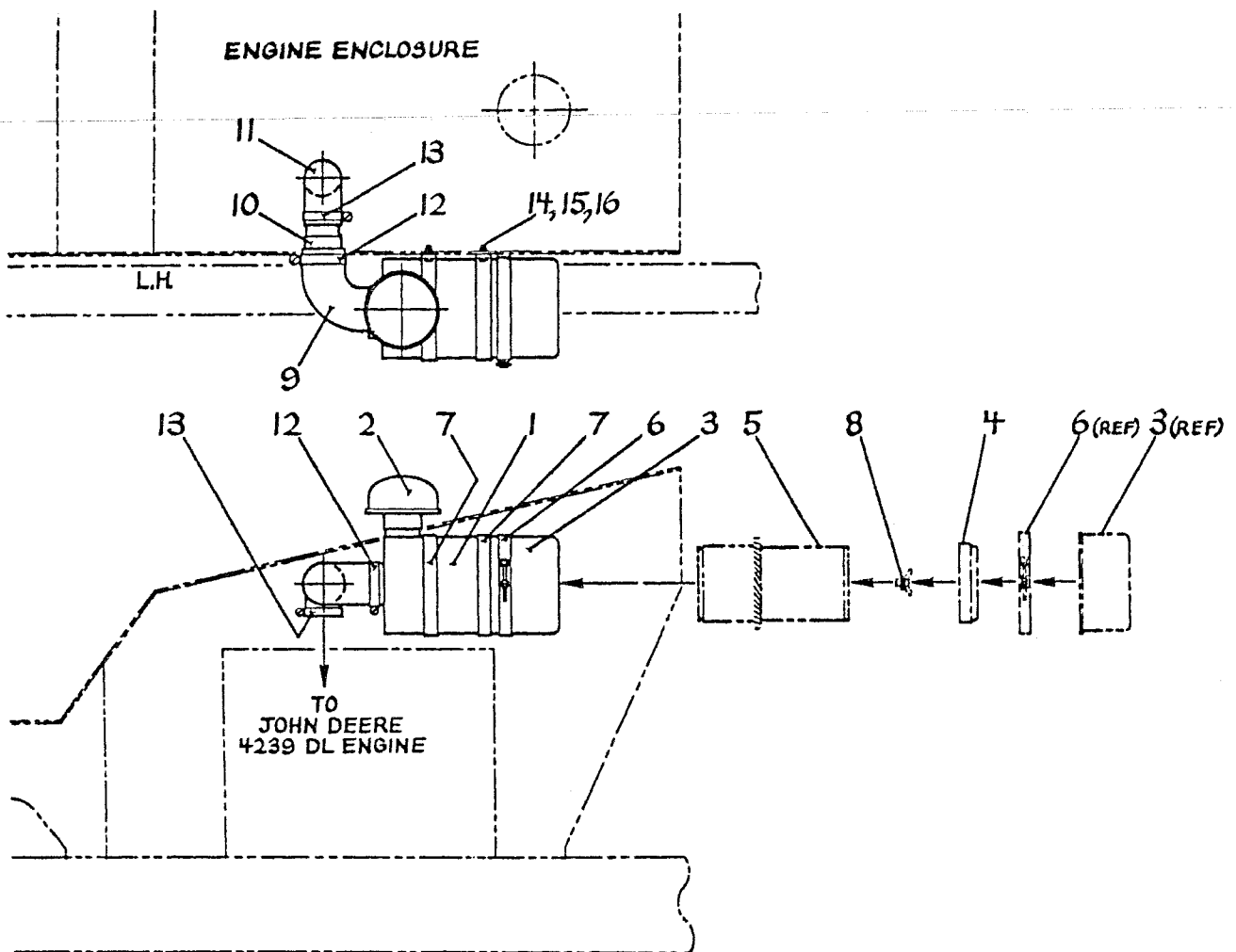
ITEM	NUMBER	DESCRIPTION	REQD
1	3-1080	PEDAL / ACCELERATOR	1
2	7-266-02	CABLE / ACCELERATOR	1
3	3-1081	LINKAGE / ACCELERATOR	1
4	7-194-07	U-BOLT W/ NUTS	1
5	7-194-05	YOKE W/ CLEVIS PIN & COTTER PIN	1
6	6-620B-04	JAM NUT 1/4-28 W/ CABLE	REF
7	6-6306	LUBE FITTING / 1/4-28 STR.	3
8	6-5204-08	CAPSCREW 1/4 NC x 1 LG.	2
9	6-6211-04	LOCKWASHER 1/4	2
10	7-194-06	SHIM / AS REQD	2



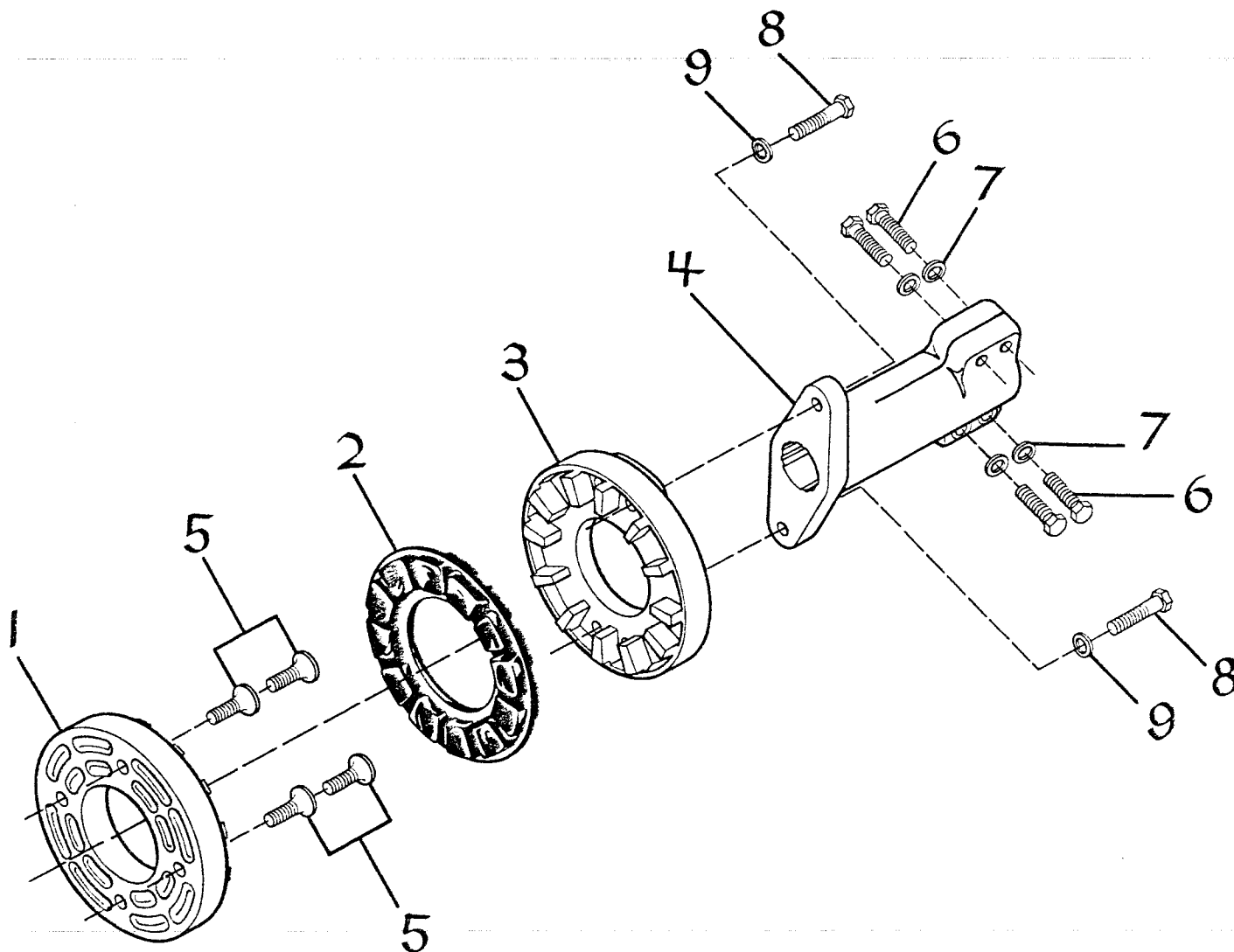
ITEM	NUMBER	DESCRIPTION	REQD
1	4-1137	HOOD	REF
2	4-1139	COVER / TRANSMISSION	REF
3	3-1125	SIDE PANEL / FRONT RIGHT	REF
4	3-1124	SIDE PANEL / FRONT LEFT	REF
5	3-1127	SIDE PANEL / REAR RIGHT	REF
6	3-1126	SIDE PANEL / REAR LEFT	REF
7	3-1129	SIDE SCREEN	REF
8	3-1128	ROCKER PANEL	REF
9	2-1080	HANDLE / LOCKING	REF
10	6-9601-729	EDGING 1/4 x 91 1/8 LG.	1
11	6-9601-161	EDGING 1/4 x 20 1/8 LG.	1
12	6-9601-98	EDGING 1/4 x 12 1/4 LG.	1
13	6-9601-110	EDGING 1/4 x 13 3/4 LG.	1
14	7-290-01	BODY BOLT 5/16 NC x 3/4 LG.	25
15	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	4
16	6-6211-06	LOCKWASHER 3/8	4
17	6-5208-06	CAPSCREW 1/2 NC x 3/4 LG.	4
18	6-6211-08	LOCKWASHER 1/2	4
19	6-6212-08	FLATWASHER 1/2	4
20	6-5207-06	CAPSCREW 7/16 NC x 3/4 LG.	4
21	6-6211-07	LOCKWASHER 7/16	4
22	6-6212-07	FLATWASHER 7/16	4



ITEM	NUMBER	DESCRIPTION	REQD
1	7-282-01	MUFFLER	1
2	4-1088	EXHAUST PIPE	1
3	3-1101	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	1-1026	VIBRATION PAD	2
8	1-1033	BRACKET / MUFFLER	2
9	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	4
10	6-6212-06	FLATWASHER 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	7-282-02	ADAPTOR TUBE	1
11	7-135-04	RUBBER ELBOW 2 1/2 ID x 90	1
12	6-6252-13	CLAMP / WORM	2
13	6-6252-12	CLAMP / WORM	2
14	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	4
15	6-6201-05	HEX NUT 5/16 NC	4
16	6-6211-05	LOCKWASHER 5/16	4



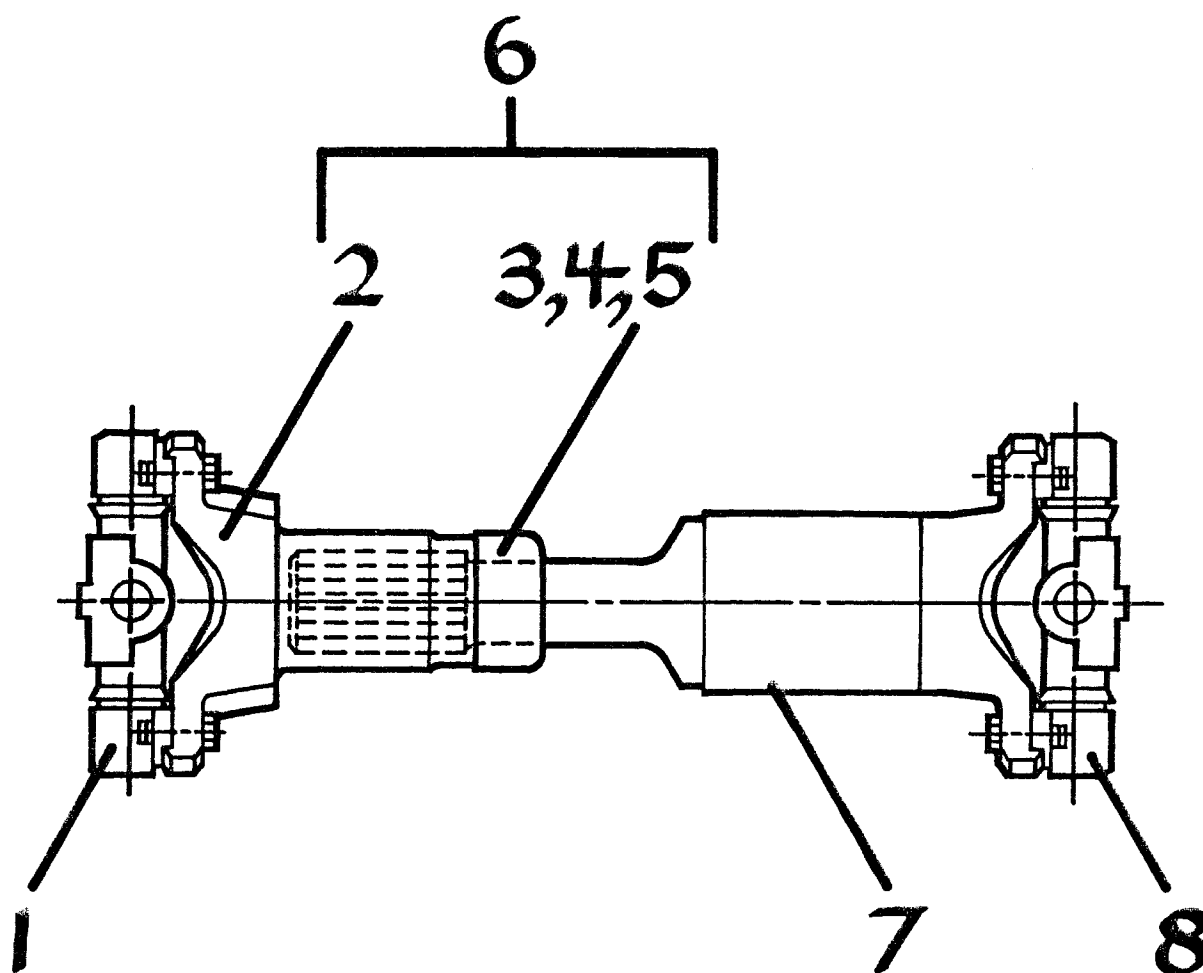
ITEM	NUMBER	DESCRIPTION	REQD
1	7-183-04	COUPLING / ENGINE SIDE	1
2	7-183-02	CUSHION	1
3	7-183-03	COUPLING / PUMP SIDE	1
4	7-183-15	DRIVE SHAFT	1
5	7-183-16	SCREW	4
6	6-5206-12	CAPSCREW 3/8 NC x 1 1/2 LG.	4
7	6-6211-06	LOCKWASHER 3/8	4
8	6-5206-12	CAPSCREW 3/8 NC x 1 1/2 LG.	2
9	6-6211-06	LOCKWASHER 3/8	2

DRAWING
NUMBER

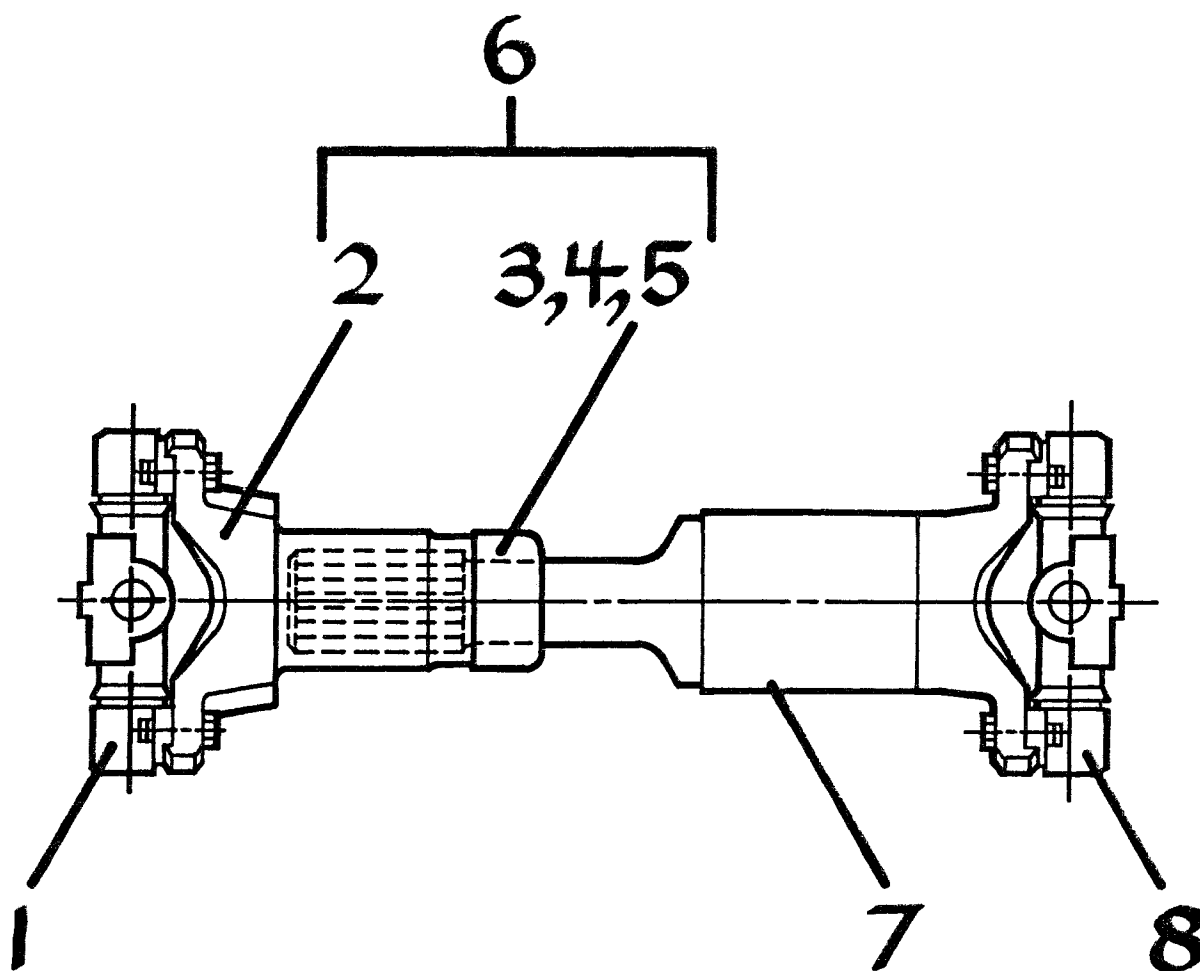
P3-1113A

PUMP DRIVE ASSEMBLY / 88-836

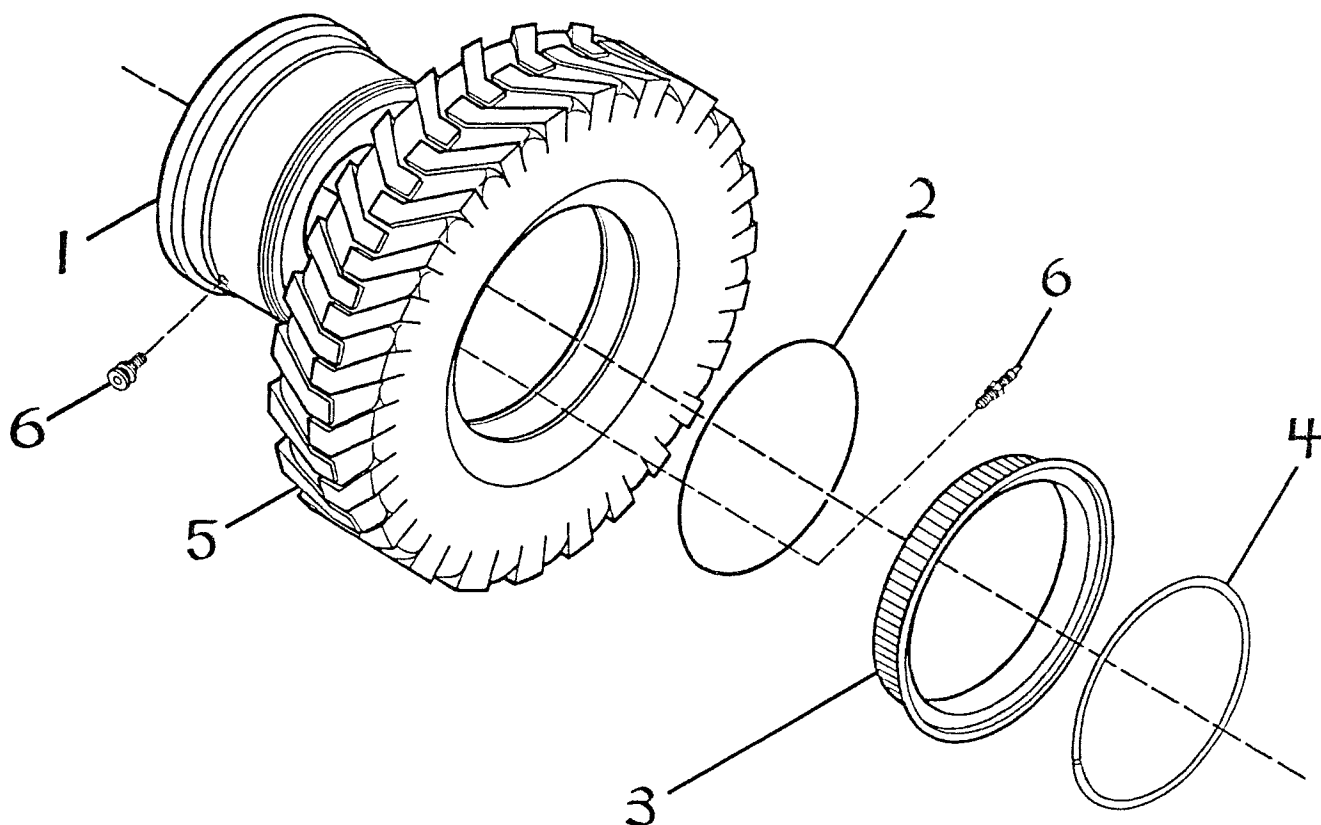
PAGE
NUMBER 14A



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	3-1017-229-W	TUBE WELDMENT	1
8	7-196-01	CROSS & BEARING ASSEMBLY	1



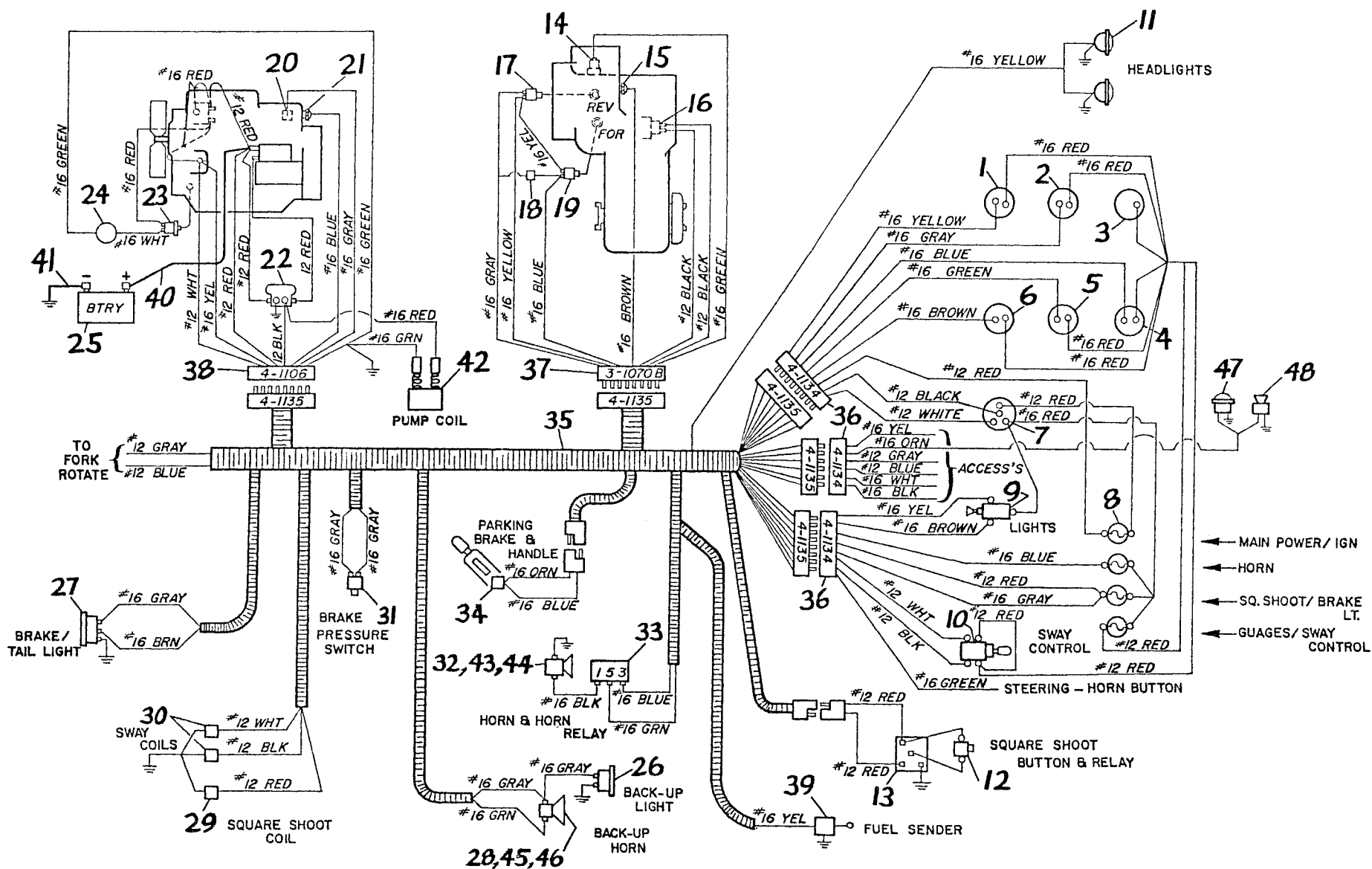
ITEM	NUMBER	DESCRIPTION	REQD
1	7-196-02	CROSS & BEARING ASSEMBLY	1
2	7-196-06	SLIP YOKE	1
3	7-196-07	RETAINING CAP	1
4	7-196-08	RETAINING WASHER	1
5	7-196-09	FELT WASHER	1
6	7-196-05	SLIP YOKE ASSEMBLY	1
7	3-1017-056-W	TUBE WELDMENT	1
8	7-196-01	CROSS & BEARING ASSEMBLY	1



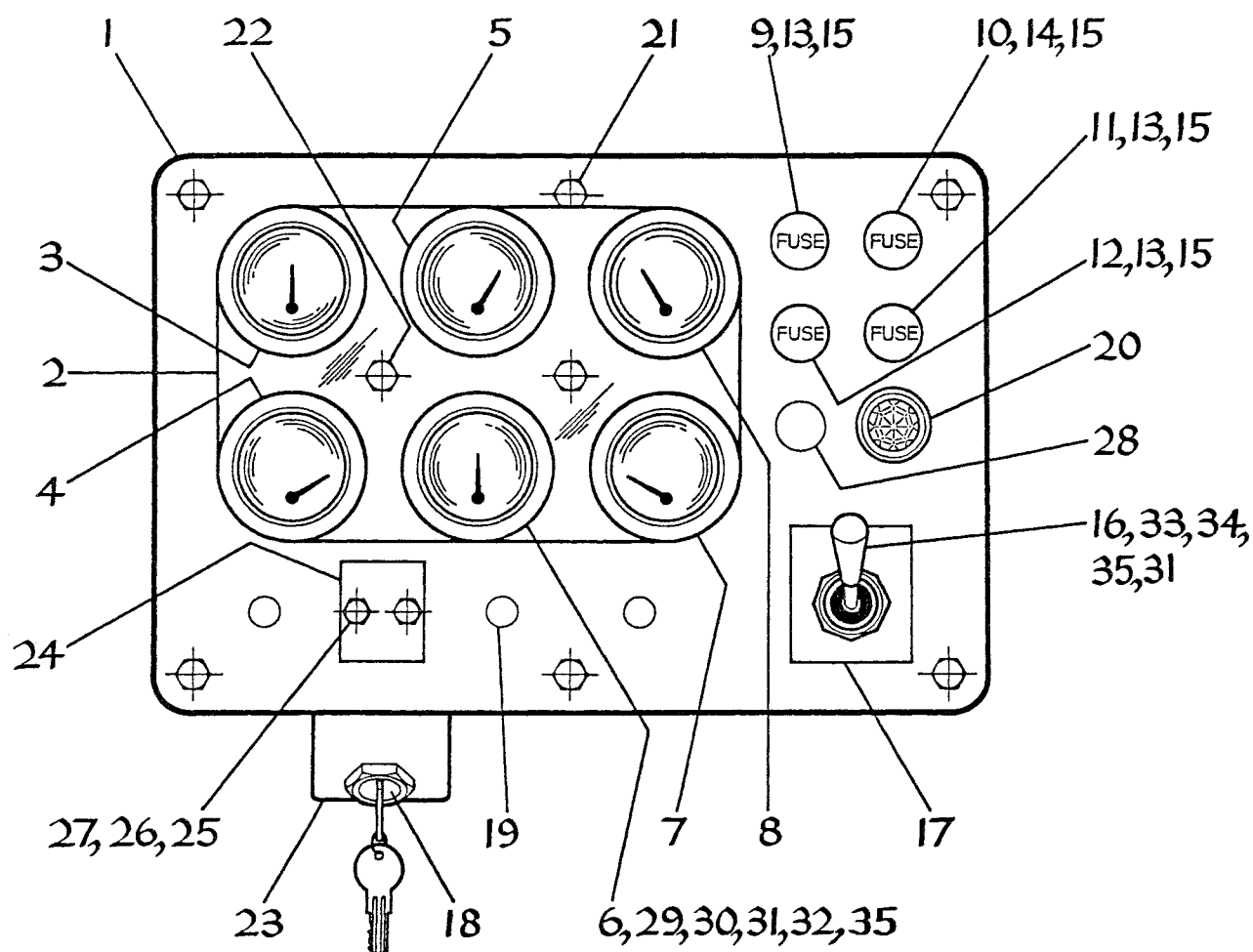
ITEM	NUMBER	DESCRIPTION	REQD
1	3-1036-10	RIM BASE	1
2	7-250-14	O-RING	1
3	7-250-01	FLANGE	1
4	7-250-03	LOCK RING	1
5	7-163-01	TIRE 13.00 x 24	1
6	7-286-01	VALVE STEM / CHLORIDE	1

NOTES

This image shows a single sheet of white paper with horizontal black 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.

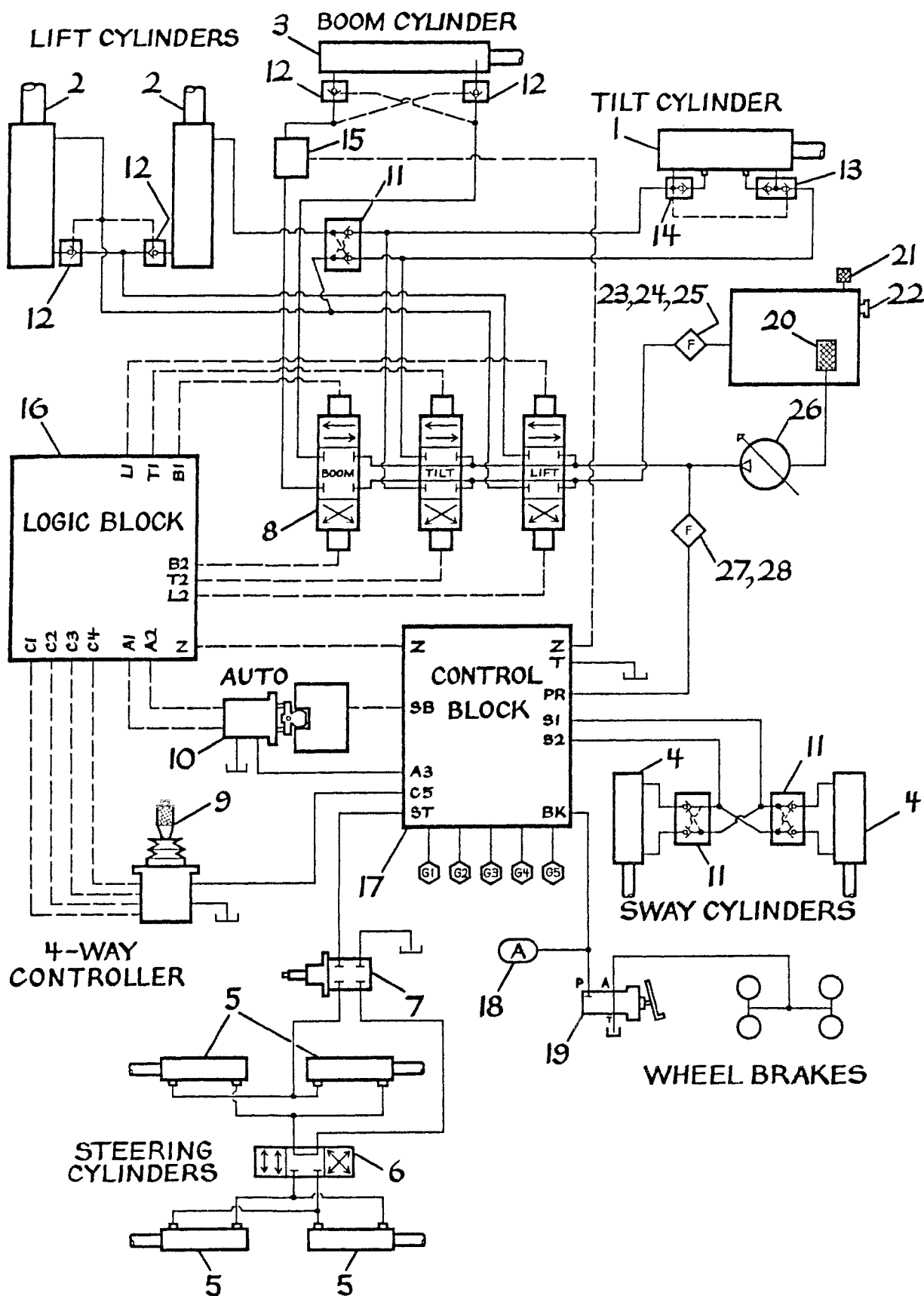


ITEM	NUMBER	DESCRIPTION	REQD
1	7-172-02	GAGE / FUEL	REF
2	7-172-04	GAGE / ENGINE OIL PRESSURE	REF
3	7-172-10	GAGE / VOLTMETER	REF
4	7-172-08	GAGE / ENGINE WATER TEMP.	REF
5	7-172-11	GAGE / TRANSMISSION OIL PRESSURE	REF
6	7-172-06	GAGE / TRANSMISSION OIL TEMP.	REF
7	7-127-02	SWITCH / IGNITION / KEY	REF
8	7-268-01	FUSE HOLDER	REF
9	7-206-02	SWITCH / HEADLIGHTS	REF
10	7-102-01	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	7-258-05	SENDER / TRANS OIL PRESSURE	1
15	7-172-07	SENDER / TRANS OIL TEMP.	1
16	7-126-96	SWITCH / NEUTRAL START	REF
17	7-231-01	PRESSURE SWITCH / REV.	1
18	2-1071	DIDDE ASSY / 3 AMP.	1
19	7-231-01	PRESSURE SWITCH / FOR.	1
20	7-172-05	SENDER / ENGINE OIL PRESSURE	1
21	7-172-09	SENDER / ENGINE WATER TEMP.	1
22	7-206-06	RELAY / STARTER	1
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	7-244-06	COIL / SQUARE SHOOT	REF
30	7-244-06	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	7-249-05	SWITCH KIT / PARKING 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	6-7801-180-B	BATTERY CABLE / RED	1
41	6-7802-88-B	BATTERY CABLE / BLACK	1
42	7-244-06	COIL / HEAVY DUTY / 12 VDC	REF
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	7-279-02	LIGHT / WARNING	REF
48	7-194-11	BUZZER / WARNING	REF

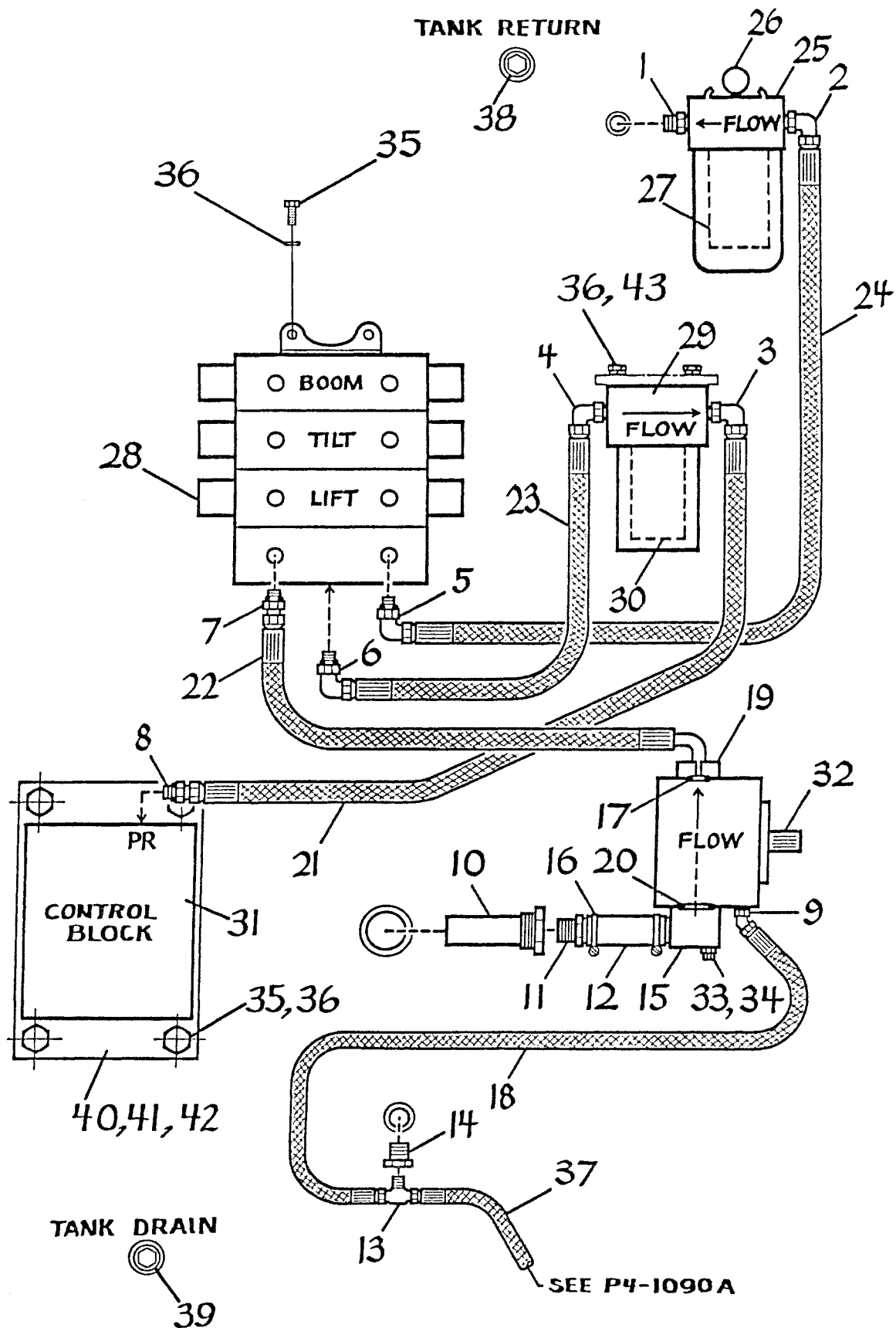


ITEM	NUMBER	DESCRIPTION	REQD
1	3-1083	INSTRUMENT PANEL	1
2	2-1062	GAGE COVER	1
3	7-172-02	GAGE / FUEL	1
4	7-172-04	GAGE / ENGINE OIL PRESSURE	1
5	7-172-06	GAGE / TRANS. OIL TEMP.	1
6	7-172-08	GAGE / ENGINE WATER TEMP.	1
7	7-172-10	GAGE / VOLTMETER	1
8	7-172-11	GAGE / TRANS. OIL PRESSURE	1
9	7-268-01	HOLDER / SQ. SHOOT / BRAKE 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 / BUZZER	1
13	7-117-01	FUSE / 15 AMP.	3
14	7-117-02	FUSE / 30 AMP.	1
15	7-137-01	STARWASHER	4
16	7-102-01	SWITCH / SWAY CONTROL	1
17	7-102-04	LEGEND PLATE	1
18	7-127-02	SWITCH / IGNITION KEY	1

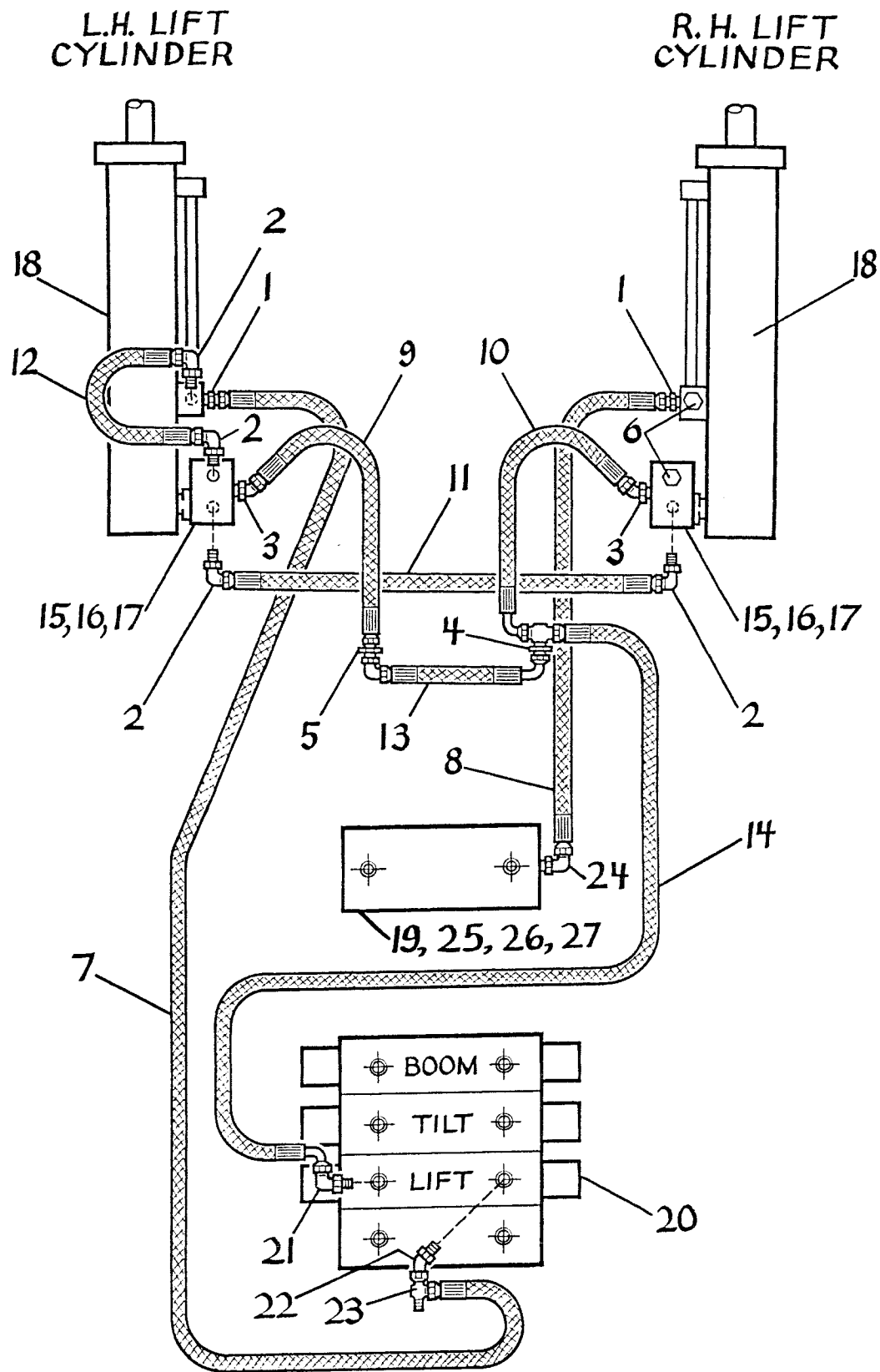
ITEM	NUMBER	DESCRIPTION	REQD
19	7-194-13	PLUG BUTTON 3/8	3
20	7-279-02	LIGHT / WARNING	1
21	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	6
22	6-5204-14	CAPSCREW 1/4 NC x 1 3/4 LG.	2
23	2-1076	MOUNT / KEY SWITCH	1
24	1-1090	PLUG / DASH PLATE	2
25	6-5204-08	CAPSCREW 1/4 NC x 1 LG.	2
26	6-6211-04	LOCKWASHER 1/4	2
27	6-6201-04	NUT 1/4 NC	2
28	7-194-29	PLUG BUTTON 5/8	1
29	1-1088	MOUNT	1
30	7-269-04	PLASTIC CLAMP	1
31	7-194-30	MACHINE SCREW 5/8 8-32 x 1/2 LG.	4
32	7-194-31	HEX NUT 5/8 8-32	2
33	1-1030	MOUNT / BUZZER	1
34	7-194-11	BUZZER / WARNING	1
35	7-194-32	LOCKWASHER 5/8 NO.8	4



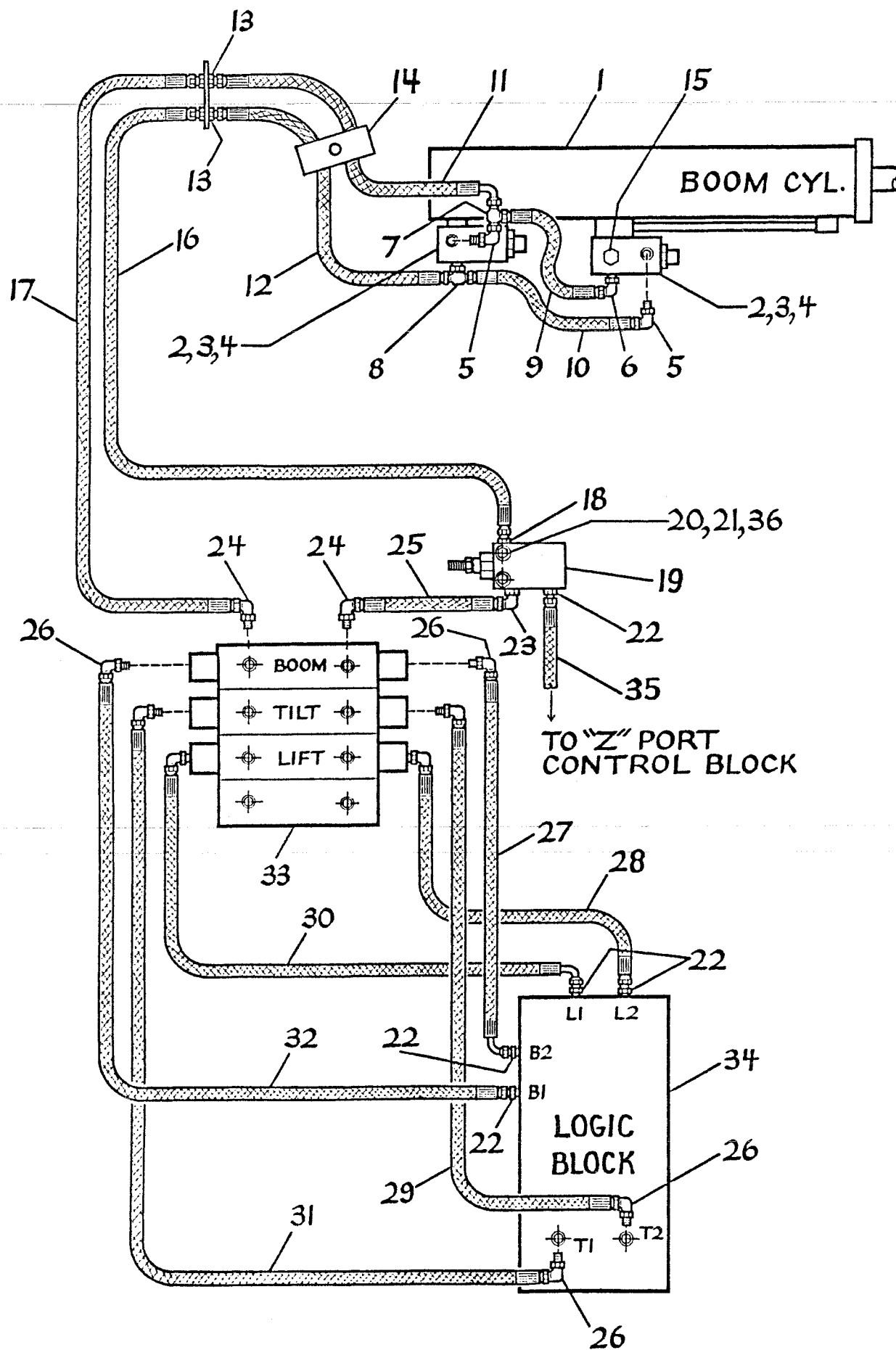
ITEM	NUMBER	DESCRIPTION	REQD
1	4-1049	CYLINDER / TILT (SEE P4-1049A)	1
2	4-1055	CYLINDER / LIFT (SEE P4-1055A)	2
3	4-1057	CYLINDER / BOOM (SEE P4-1057A)	1
4	4-1044	CYLINDER / SWAY (SEE P4-1044A)	2
5	7-229-08	CYLINDER / STEERING	4
6	7-217-01	STEERING SELECTOR (SEE P3-1106A)	1
7	7-122-01	ORBITRAL (SEE P1-1039A)	1
8	7-200-01	VALVE / 3 SECTION	1
9	7-200-02	CONTROLLER / 4-WAY	1
10	7-200-03	CONTROLLER / AUTO	1
11	7-234-04	VALVE / DUEL CHECK (SEE P3-1100A)	3
12	7-234-03	MOTION VALVE (SEE P3-1096A)	4
13	7-234-01	MOTION VALVE (SEE P3-1097A)	1
14	7-234-02	MOTION VALVE (SEE P3-1098A)	1
15	7-234-09	VALVE / BOOM BY-PASS (SEE P3-1099A)	1
16	7-234-07	LOGIC BLOCK ASSY (SEE P4-1098A)	1
17	7-234-08	CONTROL BLOCK ASSY (SEE P4-1099A)	1
18	7-105-01	ACCUMULATOR / BRAKE	1
19	7-198-01	BRAKE ACTUATOR (SEE P1-1069A)	1
20	7-151-02	STRAINER / SUCTION	1
21	7-253-01	BREATHING / OIL RESERVOIR	1
22	7-161-01	SIGHT GAGE / OIL RESERVOIR	1
23	7-256-02	FILTER / RETURN (SEE P1-1060A)	1
24	7-256-03	GAGE / RETURN FILTER	1
25	7-256-05	ELEMENT / RETURN FILTER	1
26	7-257-01	PUMP ASSEMBLY (SEE P4-1123A)	1
27	7-256-07	FILTER / PRESSURE (SEE P1-1059A)	1
28	7-256-04	ELEMENT / PRESSURE FILTER	1



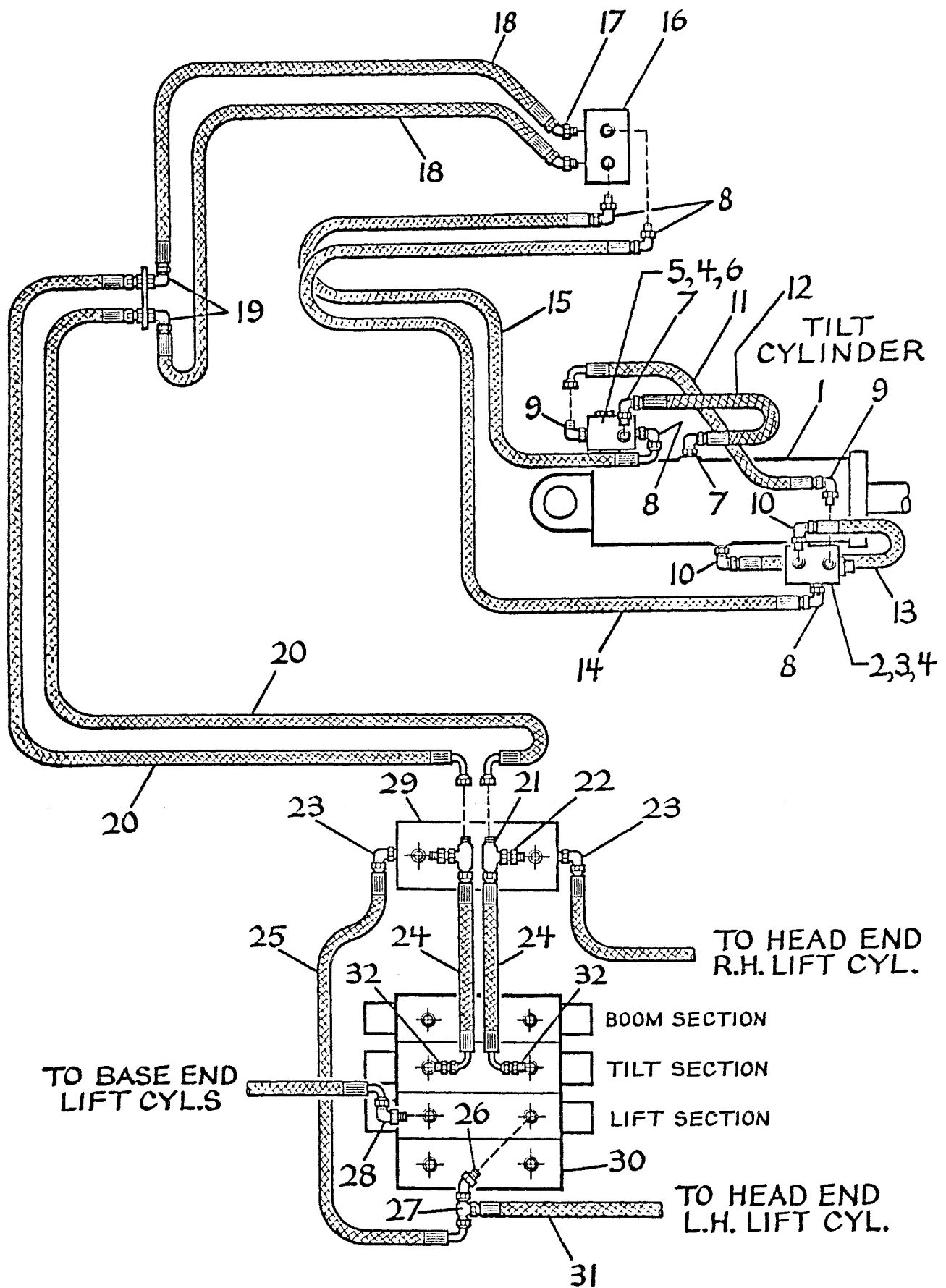
ITEM	NUMBER	DESCRIPTION	REQD
1	6-6436-01	FITTING / 20 NPT x 20 OR STR	1
2	6-6453-25	FITTING / 20 OR x 16 JIC 90	1
3	6-6453-24	FITTING / 16 OR x 10 JIC 90	1
4	6-6453-24	FITTING / 16 OR x 10 JIC 90	1
5	6-6453-19	FITTING / 16 OR x 16 JIC 90	1
6	6-6453-13	FITTING / 12 OR x 10 JIC 90	1
7	6-6450-20	FITTING / 12 OR x 12 JIC STR	1
8	6-6450-15	FITTING / 08 OR x 10 JIC STR	1
9	6-6452-01	FITTING / 04 OR x 04 JIC 45	1
10	7-151-02	STRAINER / SUCTION	1
11	7-158-48	HOSE FITTING	1
12	6-9604-44	HOSE-SUCTION 2 x 5.5 LG. 32RLC	1
13	6-6431-03	FITTING / 02 NPT x 04 JIC BR-TEE	REF
14	6-6406-06	FITTING / NPT REDUCER 1/2 x 1/8	REF
15	3-1084	SUCTION FITTING	1
16	7-272-01	T-HOSE CLAMP	2
17	7-209-67	O-RING / PRESSURE SIDE	1
18	6-7002-50	HOSE / 04 x 04 x 25 LG.	1
19	7-158-36	SPLIT FLANGE KIT	1
20	7-209-69	O-RING / SUCTION SIDE	1
21	6-7005-44	HOSE / 10 x 10 x 22 LG.	1
22	6-7096-30	HOSE / 12 x 16-90 SF x 15 LG. 100R2	1
23	6-7005-34	HOSE / 10 x 10 x 17 LG.	1
24	6-7008-43	HOSE / 16 x 16 x 21.5 LG.	1
25	7-256-02	FILTER / RETURN (SEE P1-1060A)	1
26	7-256-03	GAGE / RETURN FILTER	1
27	7-256-05	ELEMENT / RETURN FILTER	REF
28	7-200-01	VALVE / 3 SECTION	REF
29	7-256-07	FILTER / PRESSURE (SEE P1-1059A)	1
30	7-256-04	ELEMENT / PRESSURE FILTER	REF
31	7-234-08	CONTROL BLOCK ASSY (SEE P4-1099A)	REF
32	7-257-01	PUMP ASSEMBLY (SEE P4-1123A)	REF
33	6-5208-32	CAPSCREW 1/2 NC x 4 LG.	4
34	6-6211-08	LOCKWASHER 1/2	4
35	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	8
36	6-6211-06	LOCKWASHER 3/8	12
37	6-7002-130	HOSE / 04 x 04 x 65 LG.	REF
38	6-6408-06	FITTING / NPT FLUSH PLUG 3/4	1
39	6-6408-07	FITTING / NPT FLUSH PLUG 1	1
40	3-1082-2	MOUNT / CONTROL BLOCK	1
41	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	4
42	6-6211-05	LOCKWASHER 5/16	4
43	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	4



ITEM	NUMBER	DESCRIPTION	REQD
1	6-6450-16	FITTING / 10 OR x 10 JIC STR	2
2	6-6453-04	FITTING / 06 OR x 04 JIC 90	4
3	6-6452-06	FITTING / 10 OR x 10 JIC 45	2
4	6-6478-08	FITTING / 12 JIC BH-BR-TEE	1
5	6-6477-07	FITTING / 10 JIC BH-UNION 90	1
6	6-6457-05	FITTING / 06 OR HEX HD PLUG	4
7	6-7005-216	HOSE / 10 x 10 x 108 LG.	1
8	6-7005-216	HOSE / 10 x 10 x 108 LG.	1
9	6-7005-44	HOSE / 10 x 10 x 22 LG.	1
10	6-7035-38	HOSE / 10 x 12-90 x 19 LG.	1
11	6-7002-88	HOSE / 04 x 04 x 44 LG.	1
12	6-7002-17	HOSE / 04 x 04 x 8.5 LG.	1
13	6-7035-46	HOSE / 10 x 12-90 x 23 LG.	1
14	6-7086-82	HOSE / 12 x 12-90 x 41 LG. 100R2	1
15	7-234-03	MOTION VALVE (SEE P3-1096A)	2
16	6-5606-22	CAPSCREW 3/8 NC x 2 3/4 LG.	8
17	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	8
18	4-1055	CYLINDER / LIFT (SEE P4-1055A)	REF
19	7-234-04	VALVE / DUAL CHECK (SEE P3-1100A)	REF
20	7-200-01	VALVE / 3 SECTION	REF
21	6-6453-15	FITTING / 12 OR x 12 JIC 90	REF
22	6-6452-17	FITTING / 12 OR x 10 JIC 45	REF
23	6-6481-07	FITTING / 10 JIC SW-RN-TEE	REF
24	6-6453-11	FITTING / 08 OR x 10 JIC 90	REF
25	6-5205-16	CAPSCREW 5/16 NC x 2 LG.	2
26	6-6211-05	LOCKWASHER 5/16	2
27	6-6201-05	HEX NUT 5/16 NC	2

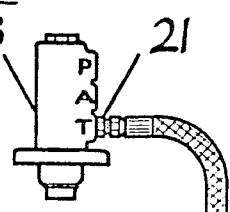


ITEM	NUMBER	DESCRIPTION	REQD
1	4-1057	CYLINDER / BOOM (SEE P4-1057A)	REF
2	7-234-03	MOTION VALVE (SEE P3-1096A)	2
3	6-5606-22	CAPSCREW 3/8 NC x 2 3/4 LG.	8
4	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	8
5	6-6453-08	FITTING / 06 DR x 08 JIC 90	2
6	6-6453-12	FITTING / 10 DR x 10 JIC 90	1
7	6-6481-06	FITTING / 08 JIC SW-RN-TEE	1
8	6-6454-07	FITTING / 10 DR 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	6-7044-74	HOSE / 10 x 08-90 x 37 LG.	1
12	6-7014-70	HOSE / 08 x 10 x 35 LG.	1
13	6-6475-07	FITTING / 10 JIC BH UNION	2
14	7-273-14	CLAMP / 1/2 HOSE / DOUBLE	1
15	6-6457-05	FITTING / 06 DR HEX HD PLUG	2
16	6-7005-118	HOSE / 10 x 10 x 59 LG.	1
17	6-7005-142	HOSE / 10 x 10 x 71 LG.	1
18	6-6450-16	FITTING / 10 DR x 10 JIC STR	1
19	7-234-09	VALVE / BY-PASS (SEE P3-1099A)	1
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 DR x 04 JIC STR	5
23	6-6453-12	FITTING / 10 DR X 10 JIC 90	1
24	6-6453-13	FITTING / 12 DR x 10 JIC 90	2
25	6-7005-23	HOSE / 10 x 10 x 11.5 LG.	1
26	6-6453-04	FITTING / 06 DR x 04 JIC 90	8
27	6-7022-50	HOSE / 04 x 04-90 x 25 LG.	1
28	6-7002-17	HOSE / 04 x 04 x 8.5 LG.	1
29	6-7002-42	HOSE / 04 x 04 x 21 LG.	1
30	6-7022-37	HOSE / 04 x 04-90 x 18.5 LG.	1
31	6-7002-42	HOSE / 04 x 04 x 21 LG.	1
32	6-7002-42	HOSE / 04 x 04 x 21 LG.	1
33	7-200-01	VALVE / 3 SECTION	1
34	7-234-07	LOGIC BLOCK (SEE P4-1098A)	1
35	6-7022-50	HOSE / 04 x 04-90 x 25 LG.	1
36	6-6212-04	FLATWASHER 1/4	2

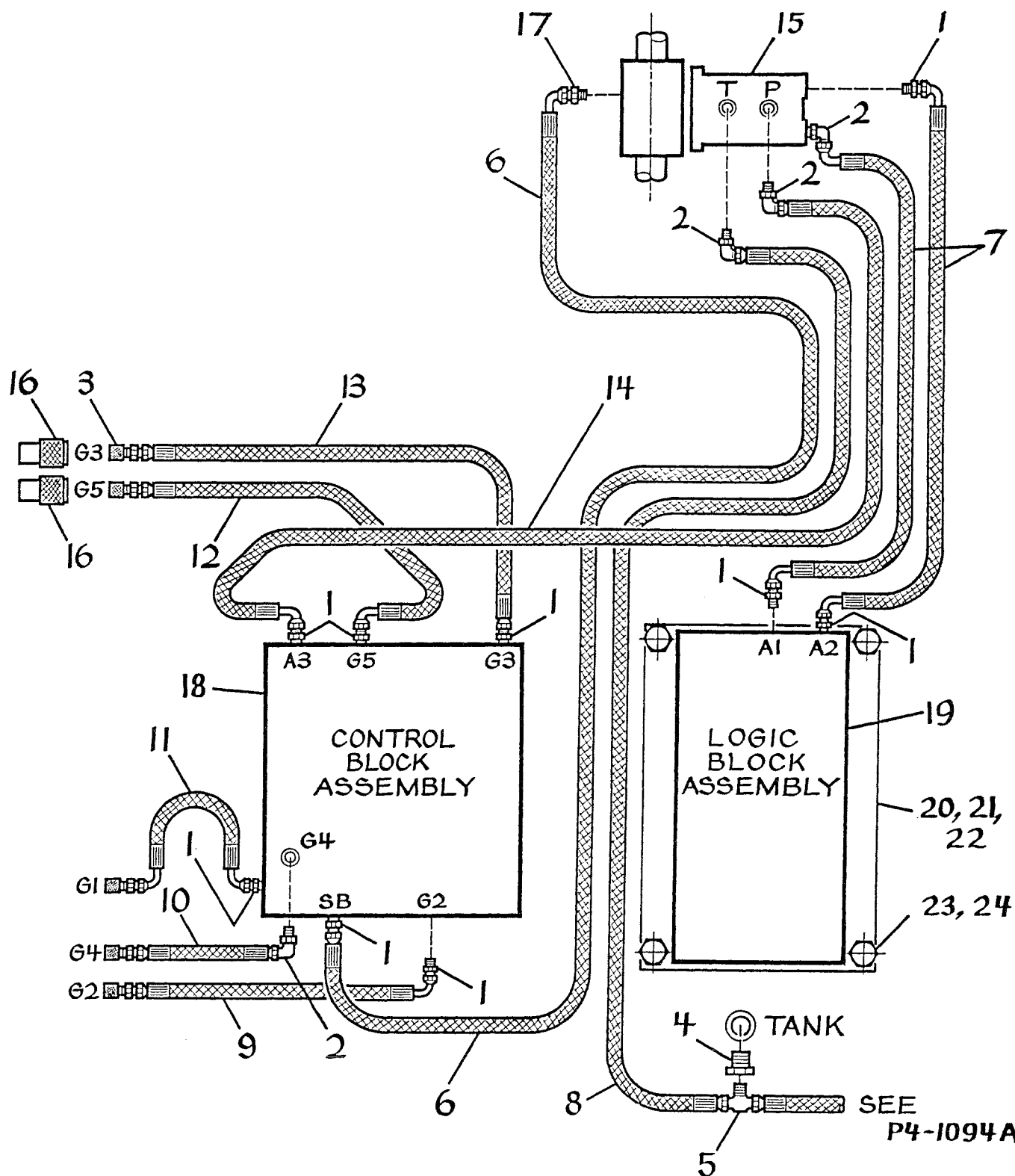


ITEM	NUMBER	DESCRIPTION	REQD
1	4-1049	CYLINDER / TILT (SEE P4-1049A)	REF
2	7-234-01	MOTION VALVE / HEAD TILT	1
3	6-5606-22	CAPSCREW 3/8 NC x 2 3/4 LG.	4
4	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	8
5	7-234-02	MOTION VALVE / BASE TILT	1
6	6-5606-14	CAPSCREW 3/8 NC x 1 3/4 LG.	4
7	6-6453-04	FITTING / 06 OR x 04 JIC 90	2
8	6-6453-09	FITTING / 08 OR x 08 JIC 90	4
9	6-6453-04	FITTING / 06 OR x 04 JIC 90	2
10	6-6453-06	FITTING / 06 OR x 06 JIC 90	2
11	6-7022-60	HOSE / 04 x 04-90 x 30 LG.	1
12	6-7002-26	HOSE / 04 x 04 x 13 LG.	1
13	6-7003-40	HOSE / 06 x 06 x 20 LG.	1
14	6-7004-690	HOSE / 08 x 08 x 345 LG.	1
15	6-7024-642	HOSE / 08 x 08-90 x 321 LG.	1
16	2-1051	MANIFOLD BLOCK	1
17	6-6452-04	FITTING / 08 OR x 08 JIC 45	2
18	6-7014-294	HOSE / 08 x 10 x 147 LG.	2
19	6-6477-07	FITTING / 10 JIC BH-UNION 90	2
20	6-7025-120	HOSE / 10 x 10-90 x 60 LG.	2
21	6-6480-07	FITTING / 10 JIC SW-BR-TEE	2
22	6-6450-15	FITTING / 08 OR x 10 JIC STR	2
23	6-6453-11	FITTING / 08 OR x 10 JIC 90	2
24	6-7025-36	HOSE / 10 x 10-90 x 18 LG.	2
25	6-7025-44	HOSE / 10 x 10-90 x 22 LG.	1
26	6-6452-17	FITTING / 12 OR x 10 JIC 45	1
27	6-6481-07	FITTING / 10 JIC SW-RN-TEE	1
28	6-6453-15	FITTING / 12 OR x 12 JIC 90	1
29	7-234-04	VALVE / DUAL CHECK (SEE P3-1100A)	1
30	7-200-01	VALVE / 3 SECTION	REF
31	6-7005-216	HOSE / 10 x 10 x 108 LG.	REF
32	6-6450-17	FITTING / 12 OR x 10 JIC STR	2

ITEM	NUMBER	DESCRIPTION	REQD
1	6-6427-09	FITTING / 06 NPT x 06 JIC 90	4
2	6-6432-06	FITTING / 06 NPT x 08 JIC RN-TEE	4
3	6-6450-12	FITTING / 08 OR x 08 JIC STR	6
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	6-7013-62	HOSE / 06 x 08 x 31 LG.	4
7	6-7004-196	HOSE / 08 x 08 x 98 LG.	1
8	6-7004-240	HOSE / 08 x 08 x 120 LG.	1
9	6-7024-140	HOSE / 08 x 08-90 x 70 LG.	1
10	6-7004-124	HOSE / 08 x 08 x 62 LG.	1
11	6-7004-124	HOSE / 08 x 08 x 62 LG.	1
12	6-7004-376	HOSE / 08 x 08 x 188 LG.	1
13	6-7005-340	HOSE / 10 x 10 x 170 LG.	1
14	7-122-01	STEERING ORBITRAL (SEE P1-1039A)	REF
15	7-217-01	SELECTOR VALVE (SEE P3-1106A)	REF
16	7-229-08	CYLINDER / STEERING	REF
17	6-7124-24	HOSE / 08-90 x 08 MALE x 12 LG.	1
18	6-6452-04	FITTING / 08 OR x 08 JIC 45	1
19	6-6427-17	FITTING / 12 NPT x 10 JIC 90	1
20	7-234-08	CONTROL BLOCK (SEE P4-1099A)	1



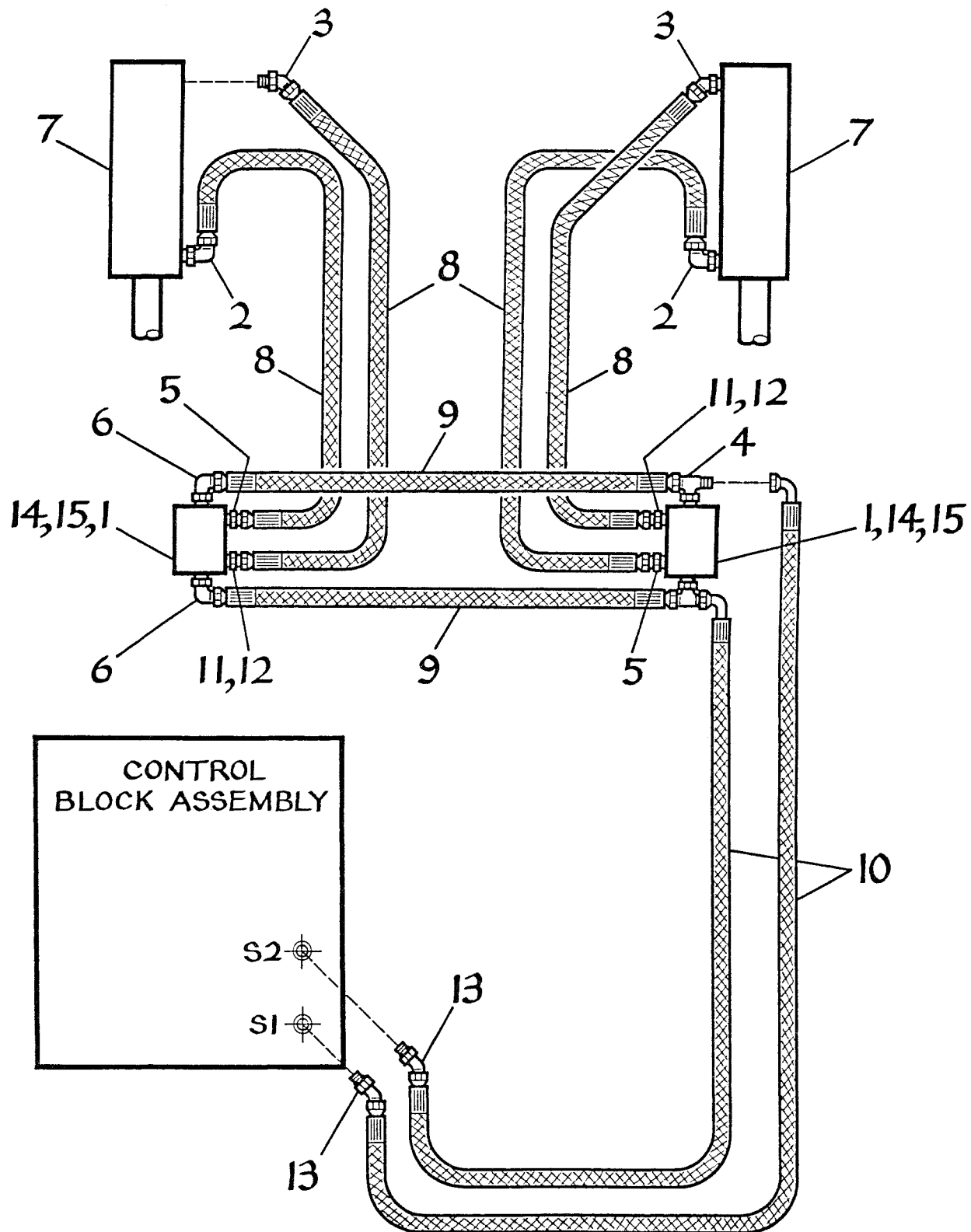
ITEM	NUMBER	DESCRIPTION	REQD
1	6-6450-05	FITTING / 06 OR x 04 JIC STR	9
2	6-6450-08	FITTING / 06 OR x 06 JIC STR	1
3	6-6482-05	FITTING / 06 JIC TEE	1
4	6-6453-04	FITTING / 06 OR x 04 JIC 90	4
5	6-6452-03	FITTING / 06 OR x 06 JIC 45	1
6	6-6425-15	FITTING / 12 NPT x 08 JIC STR	1
7	6-6481-06	FITTING / 08 JIC SW-RN-TEE	1
8	6-7002-276	HOSE / 04 x 04 x 138 LG.	1
9	6-7022-276	HOSE / 04 x 04-90 x 138 LG.	1
10	6-7003-56	HOSE / 06 x 06 x 28 LG.	1
11	6-7002-276	HOSE / 04 x 04 x 138 LG.	1
12	6-7022-276	HOSE / 04 x 04-90 x 138 LG.	1
13	6-7002-276	HOSE / 04 x 04 x 138 LG.	1
14	6-7033-208	HOSE / 06 x 08-90 x 104 LG.	1
15	6-7102-32	HOSE / 04 x 04 MALE x 16 LG.	1
16	6-7022-50	HOSE / 04 x 04-90 x 25 LG.	1
17	6-7013-19	HOSE / 06 x 08 x 9.5 LG.	1
18	7-200-02	CONTROLLER / 4-WAY (SEE P1-1081A)	REF
19	7-234-07	LOGIC BLOCK (SEE P4-1098A)	REF
20	7-234-08	CONTROL BLOCK (SEE P4-1099A)	REF
21	6-6450-09	FITTING / 08 OR x 06 JIC STR	1
22	6-7003-136	HOSE / 06 x 06 x 68 LG.	1
23	7-198-01	ACTUATOR / BRAKE (SEE P1-1069A)	REF
24	6-7022-50	HOSE / 04 x 04-90 x 25 LG.	REF
25	6-6457-05	FITTING / 06 OR HEX HD PLUG	1



ITEM	NUMBER	DESCRIPTION	REQD
1	6-6450-05	FITTING / 06 DR x 04 JIC STR	9
2	6-6453-04	FITTING / 06 DR x 04 JIC 90	4
3	7-267-54	MALE PRESSURE CHECK	5
4	6-6406-06	FITTING / NPT REDUCER 1/2 x 1/8	1
5	6-6431-03	FITTING / 02 NPT x 04 JIC BR-TEE	1
6	6-7022-144	HOSE / 04 x 04-90 x 72 LG.	1
7	6-7052-106	HOSE / 04-90 x 04-90 x 53 LG.	2
8	6-7002-130	HOSE / 04 x 04 x 65 LG.	1
9	6-7022-50	HOSE / 04 x 04-90 x 25 LG.	1
10	6-7002-26	HOSE / 04 x 04 x 13 LG.	1
11	6-7052-18	HOSE / 04-90 x 04-90 x 9 LG.	1
12	6-7022-26	HOSE / 04 x 04-90 x 13 LG.	1
13	6-7002-17	HOSE / 04 x 04 x 8.5 LG.	1
14	6-7022-144	HOSE / 04 x 04-90 x 72 LG.	1
15	7-200-02	CONTROLLER / AUTO	REF
16	7-267-55	FEMALE PRESSURE CHECK	2
17	6-6450-03	FITTING / 04 DR x 04 JIC STR	1
18	7-234-08	CONTROL BLOCK (SEE P4-1099A)	REF
19	7-234-07	LOGIC BLOCK (SEE P4-1098A)	REF
20	3-1082-1	MOUNT / LOGIC BLOCK	1
21	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	3
22	6-6211-05	LOCKWASHER 5/16	3
23	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	4
24	6-6211-06	LOCKWASHER 3/8	4

L.H. SWAY
CYLINDER

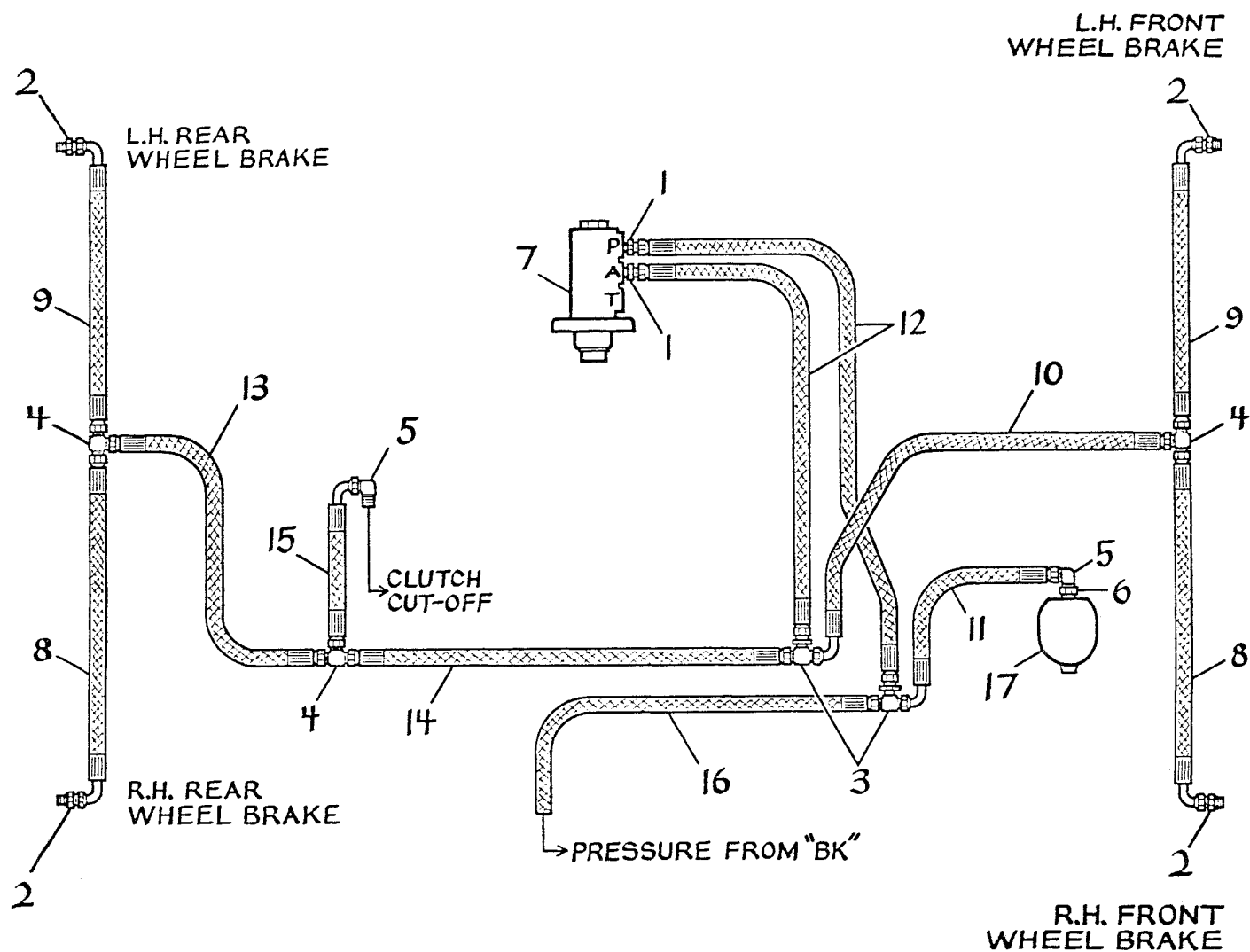
R.H. SWAY
CYLINDER



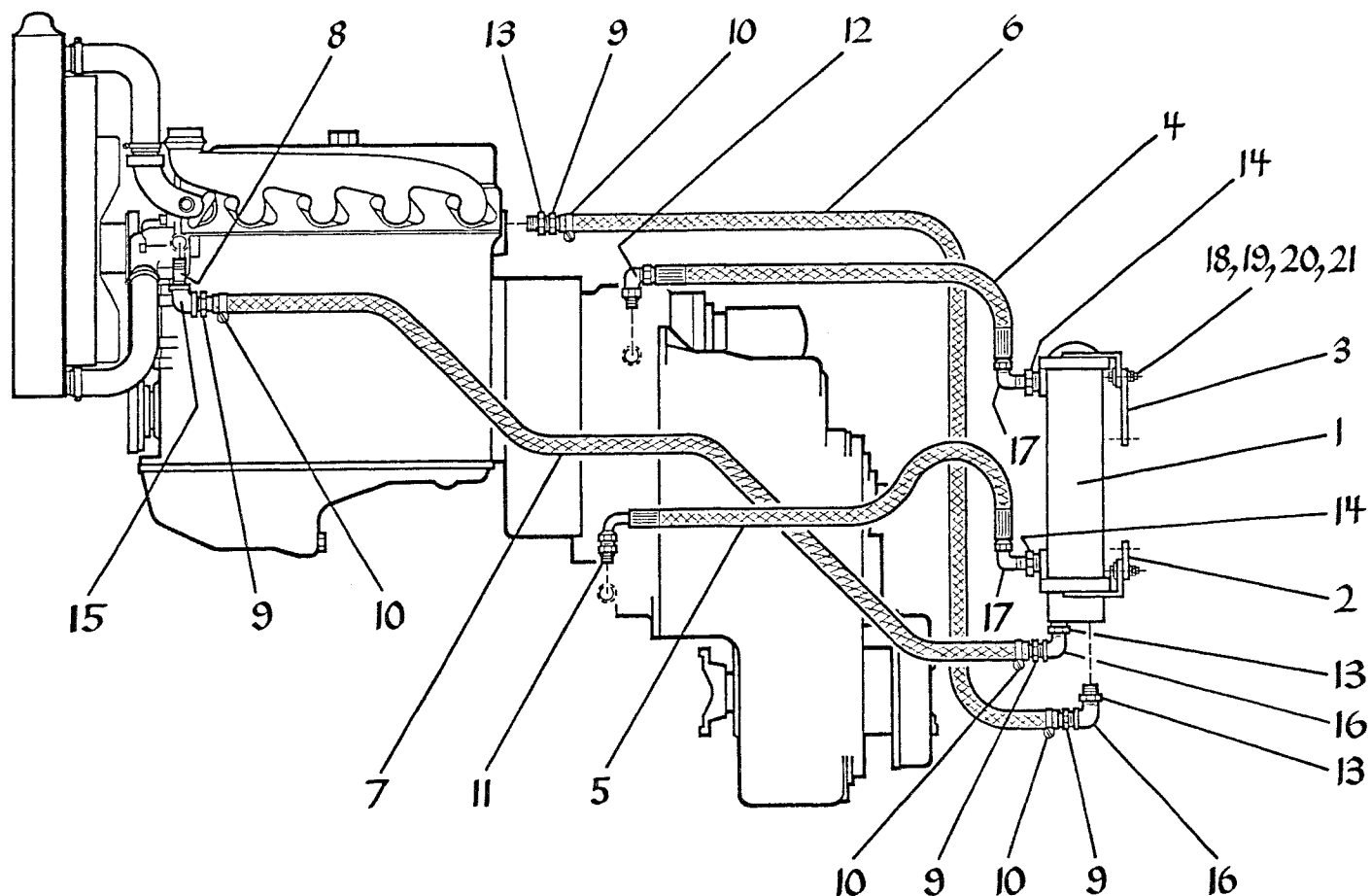
CONTROL
BLOCK ASSEMBLY

S2
S1

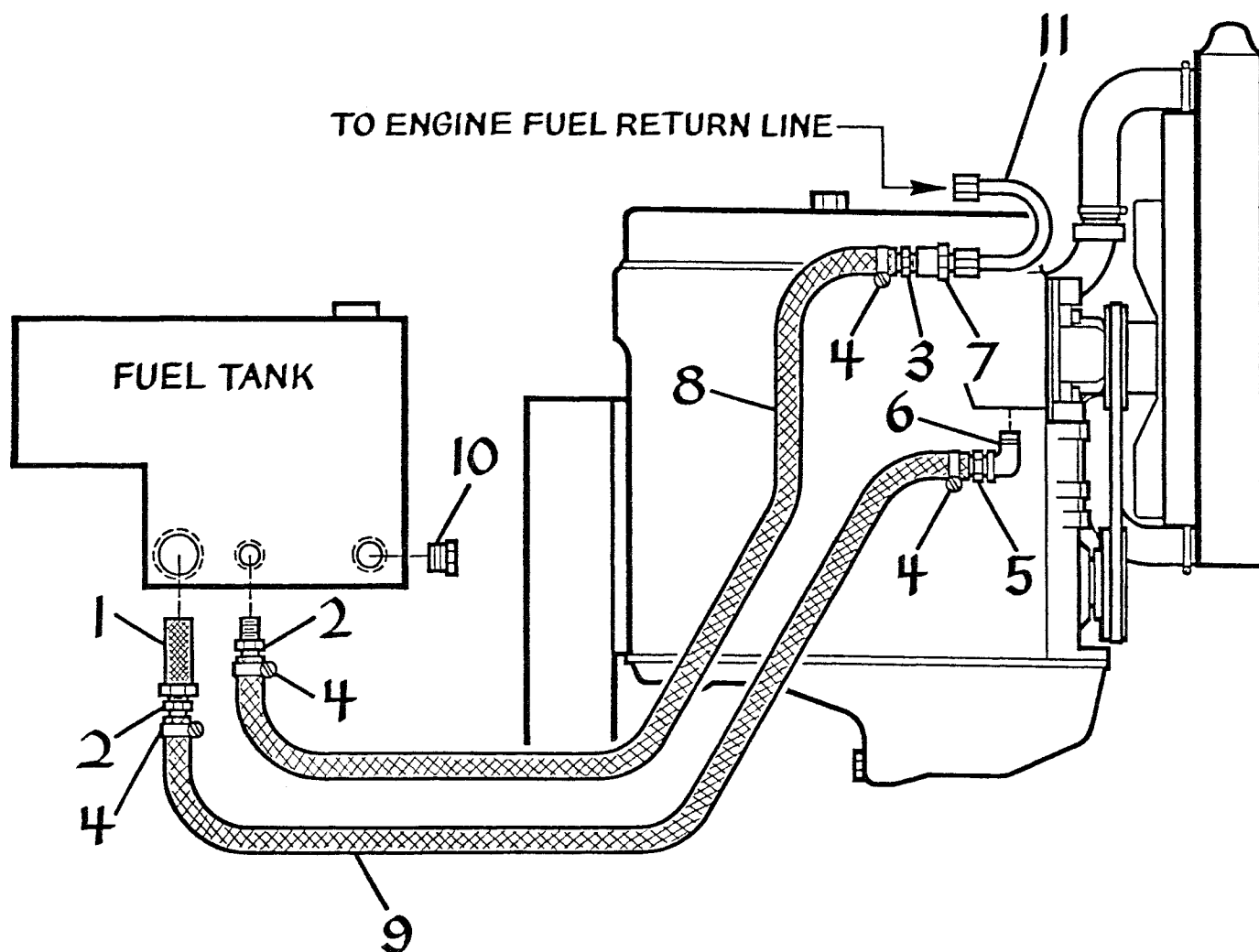
ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-04	VALVE / DUAL CHECK (SEE P3-1100A)	2
2	6-6453-04	FITTING / 06 DR x 04 JIC 90	2
3	6-6452-19	FITTING / 06 DR x 04 JIC 45	2
4	6-6454-06	FITTING / 08 DR x 08 JIC BR-TEE	2
5	6-6450-06	FITTING / 08 DR x 04 JIC STR	2
6	6-6453-09	FITTING / 08 DR x 08 JIC 90	2
7	4-1044	CYLINDER / SWAY (SEE P4-1044A)	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	6-7033-296	HOSE / 06 x 08-90 x 148 LG.	2
11	6-6450-06	FITTING / MODIFY to 1-1092	2
12	1-1093	RESTRICTOR PLUG (.040)	2
13	6-6452-03	FITTING / 06 DR 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



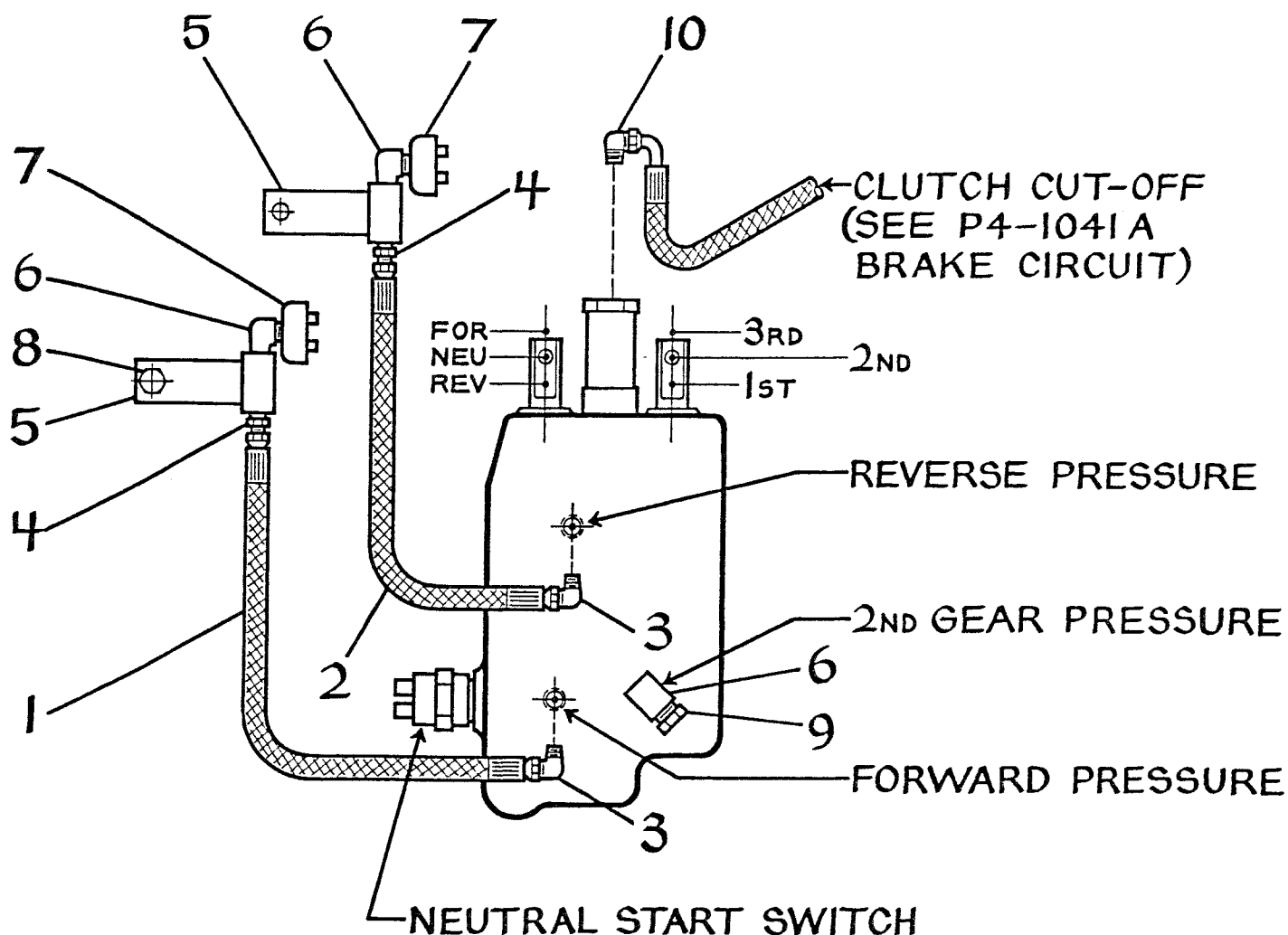
ITEM	NUMBER	DESCRIPTION	REQD
1	6-6450-06	FITTING / 08 DR x 04 JIC STR	2
2	-----	FITTING / WITH AXLE	4
3	6-6478-03	FITTING / 04 JIC BH-BR-TEE	2
4	6-6482-03	FITTING / 04 JIC TEE	3
5	6-6427-03	FITTING / 02 NPT x 04 JIC 90	2
6	6-6406-06	FITTING / NPT REDUCER 1/2 x 1/8	1
7	7-198-01	ACTUATOR / BRAKE	REF
8	6-7022-100	HOSE / 04 x 04-90 x 50 LG.	2
9	6-7022-80	HOSE / 04 x 04-90 x 40 LG.	2
10	6-7022-110	HOSE / 04 x 04-90 x 55 LG.	1
11	6-7022-50	HOSE / 04 x 04-90 x 25 LG.	1
12	6-7002-74	HOSE / 04 x 04 x 37 LG.	2
13	6-7002-74	HOSE / 04 x 04 x 37 LG.	1
14	6-7002-100	HOSE / 04 x 04 x 50 LG.	1
15	6-7022-37	HOSE / 04 x 04-90 x 18.5 LG.	1
16	6-7002-276	HOSE / 04 x 04 x 138 LG.	1
17	7-105-01	ACCUMULATOR / BRAKE	REF



ITEM	NUMBER	DESCRIPTION	REQD
1	7-236-01	OIL COOLER	REF
2	2-1058	MOUNT / OIL COOLER / RH	REF
3	2-1057	MOUNT / OIL COOLER / LH	REF
4	6-7006-64	HOSE / 12 x 12 x 32 LG.	1
5	6-7026-52	HOSE / 12 x 12-90 x 26 LG.	1
6	6-9606-336	HOSE-HEATER 1/2 x 42 LG. 4230S	1
7	6-9606-480	HOSE-HEATER 1/2 x 60 LG. 4230S	1
8	6-6413-07	FITTING / 1/2 PIPE NIPPLE	1
9	7-158-14	HOSE END / 08-08 MALE PIPE	4
10	6-6252-01	HOSE CLAMP	4
11	6-6450-20	FITTING / 12 DR x 12 JIC STR	1
12	6-6453-15	FITTING / 12 DR x 12 JIC 90	1
13	6-6406-11	FITTING / NPT REDUCER 1 x 1/2	3
14	6-6406-10	FITTING / NPT REDUCER 1 x 3/4	2
15	6-6438-04	FITTING / 08 NPT ELBOW BLK-P	1
16	6-6437-04	FITTING / 08 NPT ST ELB BLK-P	2
17	6-6427-18	FITTING / 12 NPT x 12 JIC 90	2
18	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	REF
19	6-6212-06	FLATWASHER 3/8	REF
20	6-6201-06	HEX NUT 3/8 NC	REF
21	6-6211-06	LOCKWASHER 3/8	REF

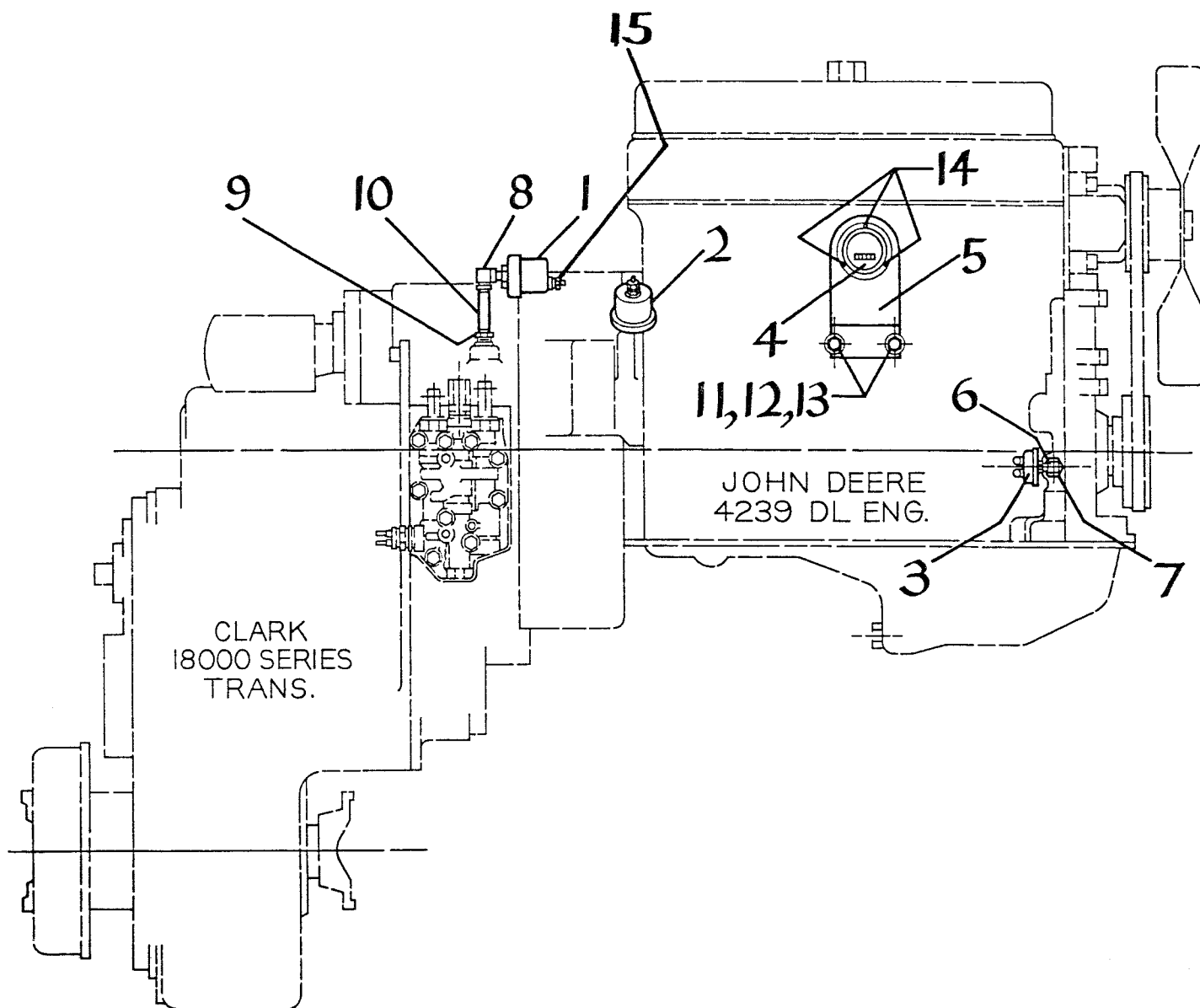


ITEM	NUMBER	DESCRIPTION	REQD
1	7-151-01	FUEL STRAINER	1
2	6-6423-10	FITTING / 08 x 06 BRASS HOSE END	2
3	6-6423-08	FITTING / 04 x 06 BRASS HOSE END	1
4	6-6252-01	HOSE CLAMP / #6	4
5	6-6423-07	FITTING / 02 x 06 BRASS HOSE END	1
6	6-6422-01	FITTING / 02 x 02 NPT BRASS ELBOW	1
7	6-6424-05	FITTING / 04 x 04 BRASS TUBE END	1
8	6-9605-544	HOSE-FUEL 3/8 x 68 LG. 6LOLA	1
9	6-9605-640	HOSE-FUEL 3/8 x 80 LG. 6LOLA	1
10	6-6408-06	FITTING / NPT FLUSH PLUG 3/4	1
11	1-1034	TUBE / FUEL LINE	1

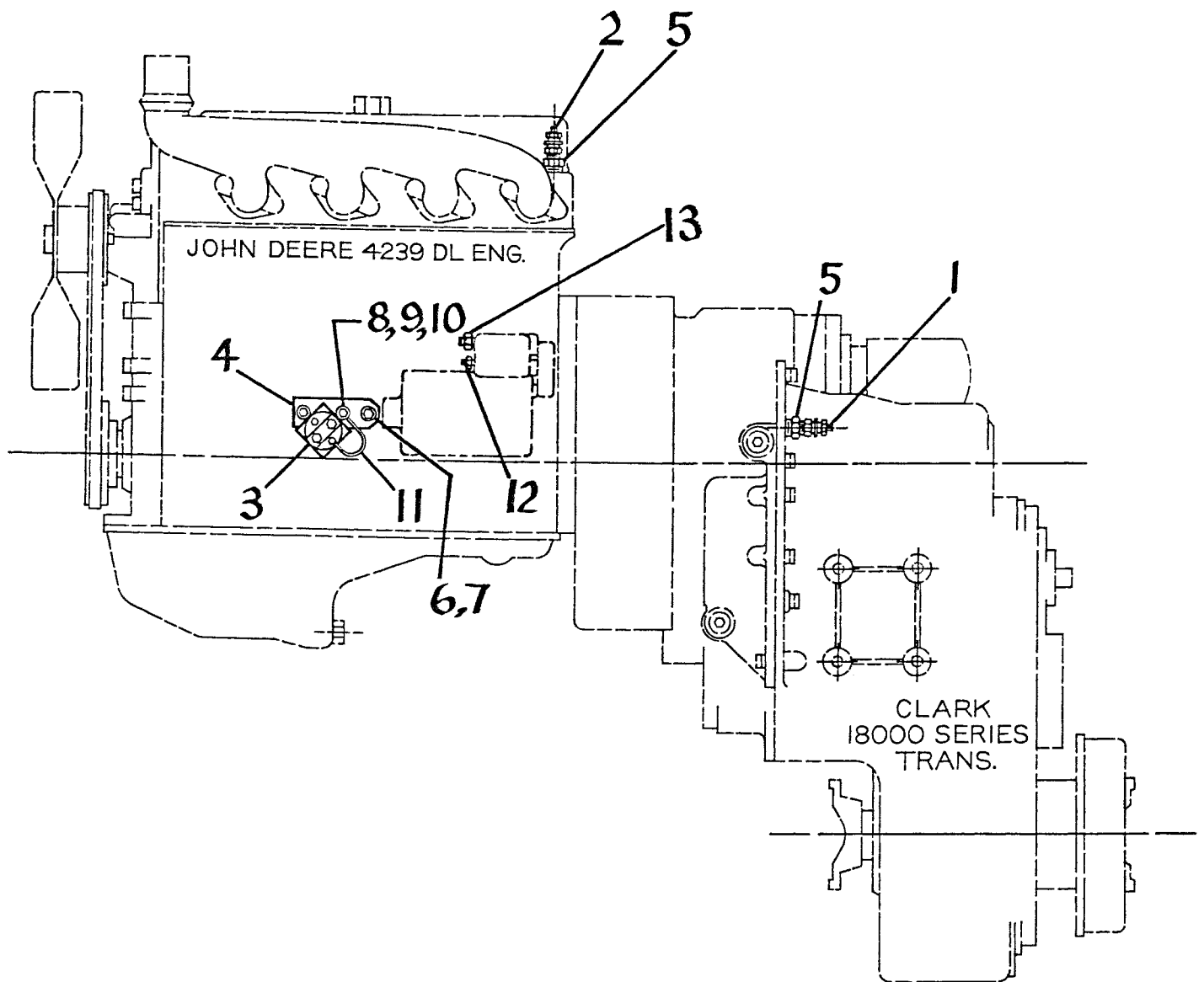


ITEM	NUMBER	DESCRIPTION	REQD
1	6-7002-42	HOSE / 04 x 04 x 21 LG.	1
2	6-7002-42	HOSE / 04 x 04 x 21 LG.	1
3	6-6427-03	FITTING / 02 NPT x 04 JIC 90	2
4	6-6425-03	FITTING / 02 NPT x 04 JIC STR	2
5	1-1019	MOUNT	2
6	6-6422-01	FITTING / 02 x 02 NPT BRASS ELBOW	3
7	7-231-01	PRESSURE SWITCH	REF
8	6-5207-40	CAPSCREW 7/16 NC x 5 LG.	1
9	6-6409-01	FITTING / 02 NPT HEX HD PLUG	1
10	6-6427-03	FITTING / 02 NPT x 04 JIC 90	REF

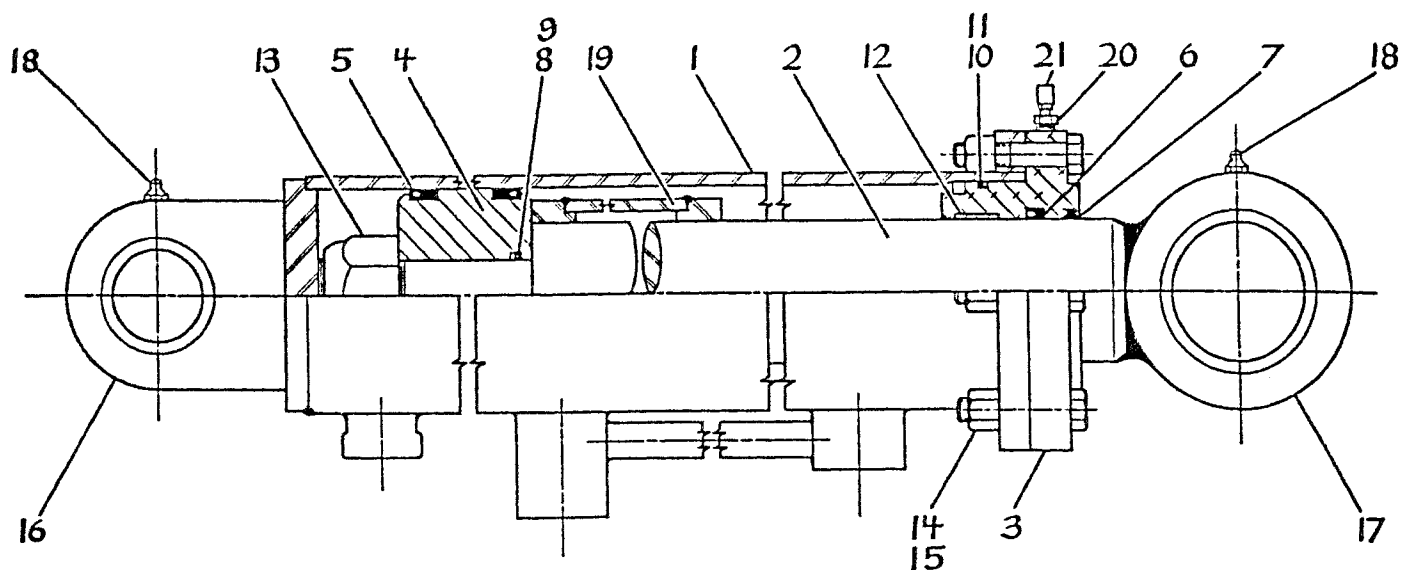
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ITEM	NUMBER	DESCRIPTION	REQD
1	7-258-05	SENDER / TRAN. OIL PRESSURE	REF
2	7-172-05	SENDER / ENGINE OIL PRESSURE	REF
3	7-231-02	PRESSURE SWITCH / HOURMETER	REF
4	7-172-01	HOURMETER	REF
5	1-1022	MOUNT / HOURMETER	1
6	6-6422-01	FITTING / 02 x 02 NPT BRASS 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	6-6410-04	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	7-137-03	MACHINE SCREW 8-32 x 1/2 LG.	3
15	7-137-04	HEX NUT S/S 10-32	1

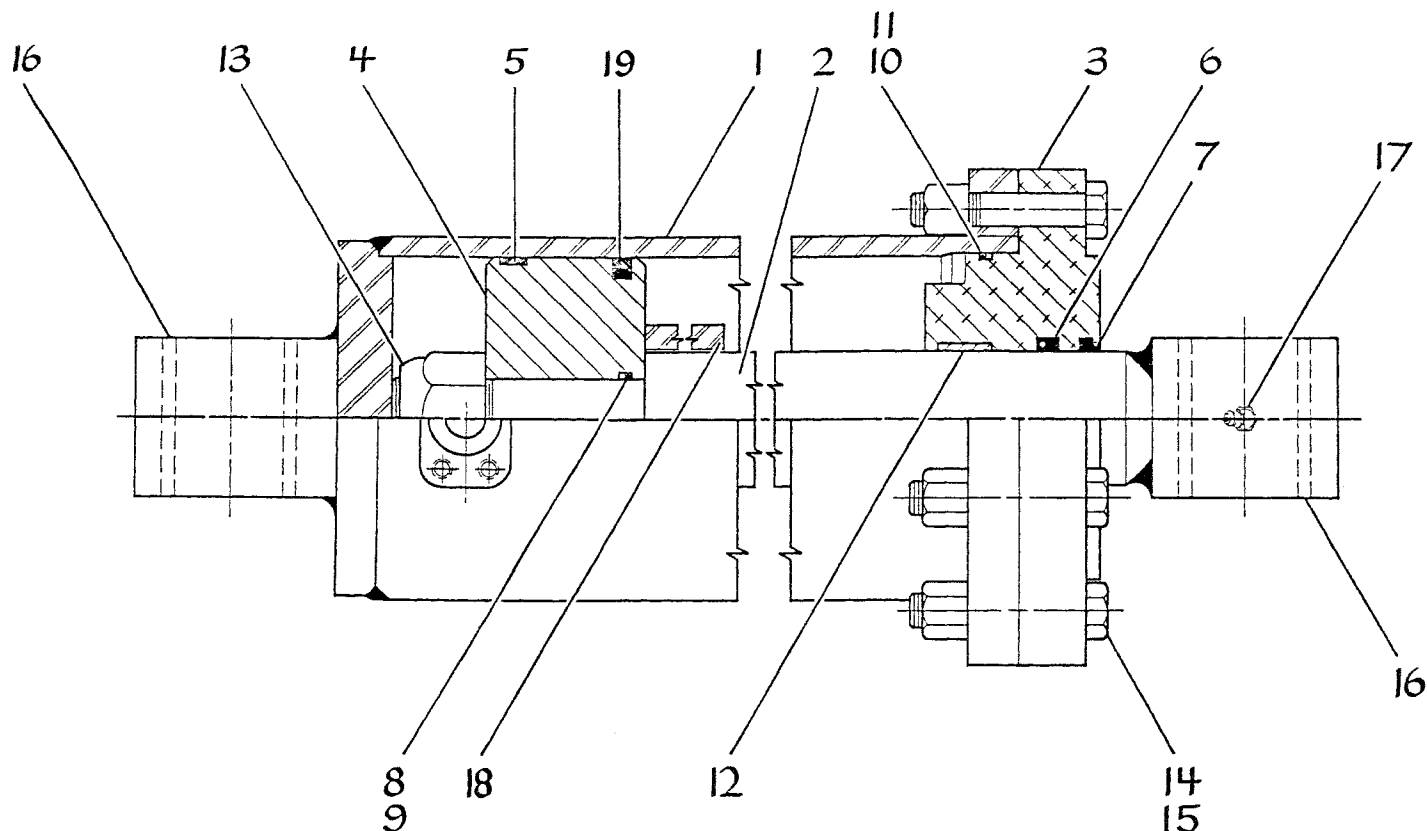


ITEM	NUMBER	DESCRIPTION	REQD
1	7-172-07	SENDER / TRANS. OIL TEMP.	REF
2	7-172-09	SENDER / ENGINE WATER TEMP.	REF
3	7-206-06	RELAY / STARTER	REF
4	1-1024	MOUNT / STARTER RELAY	1
5	6-6406-04	FITTING / NPT REDUCER 1/2 x 3/8	2
6	6-5209-08	CAPSCREW 9/16 NC x 1 LG.	1
7	6-6211-09	LOCKWASHER 9/16	1
8	6-5204-04	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
12	7-137-04	HEX NUT S/S 10-32 / STARTER	1
13	6-6201-06	HEX NUT 3/8 NC / STARTER	1



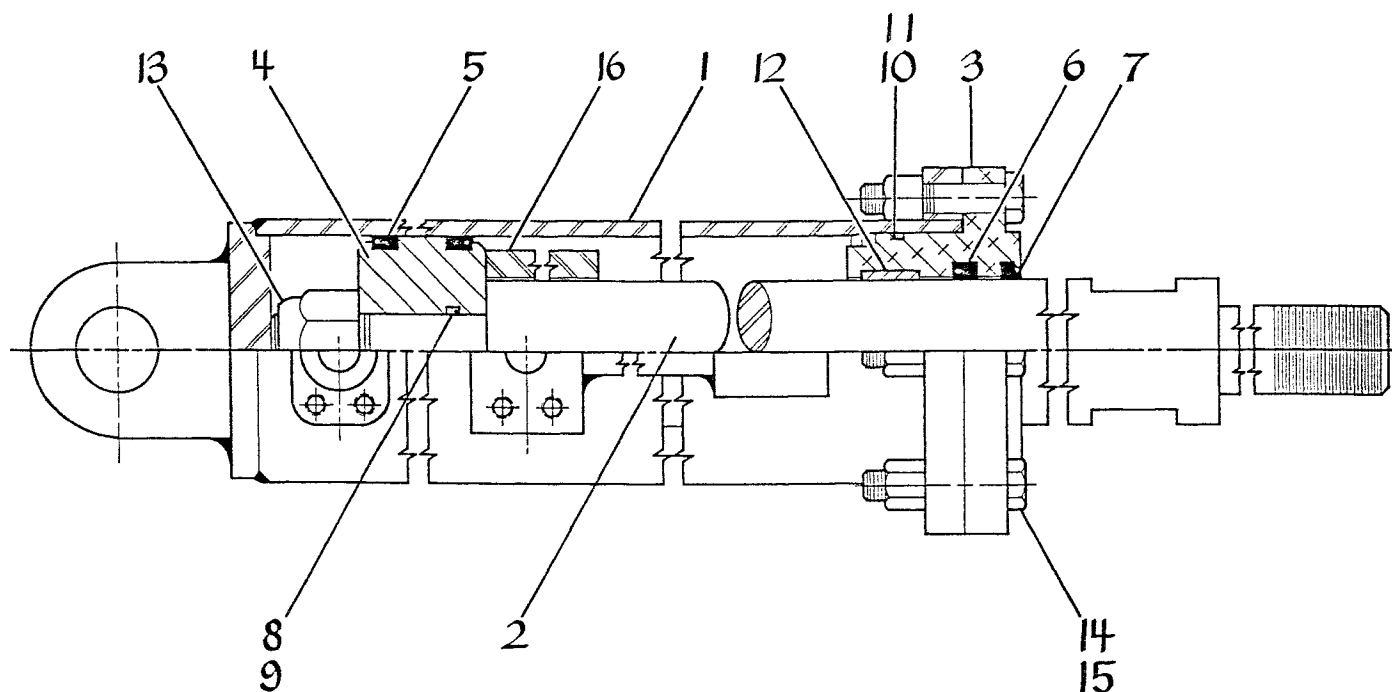
(22) CYLINDER SEAL KIT

ITEM	NUMBER	DESCRIPTION	REQD
1	4-1054	TUBE WELDMENT	1
2	3-1015-8	ROD WELDMENT / PISTON	1
3	3-1094	HEAD	1
4	2-1018-3	PISTON	1
5	7-209-04	POLYPAK / PISTON	2
6	7-209-54	POLYPAK / ROD	1
7	7-209-47	WIPER / ROD	1
8	7-209-22	O-RING / PISTON	1
9	7-209-11	PARBAK RING / PISTON	1
10	7-209-26	O-RING / HEAD	1
11	7-209-15	PARBAK RING / HEAD	1
12	7-262-07	WEAR RING / 3.00 I.D.	1
13	6-6206-24	SELF LOCKING NUT 1 1/2 NF	1
14	6-5308-20	CAPSCREW 1/2 NF x 2 1/2 LG.	6
15	6-6204-08	HEX HI-NUT 1/2 NF	6
16	6-4516-24	BRONZE BUSHING	1
17	6-4524-32	BRONZE BUSHING	1
18	6-6301	LUBE FITTING / 1/8 NPT STR.	2
19	3-1060	SPACER WELDMENT	1
20	7-198-02	BLEEDER ASSEMBLY	1
21	7-198-03	CAP / BLEEDER ASSEMBLY	1
22	7-900-01	SEAL KIT / CYLINDER	REF



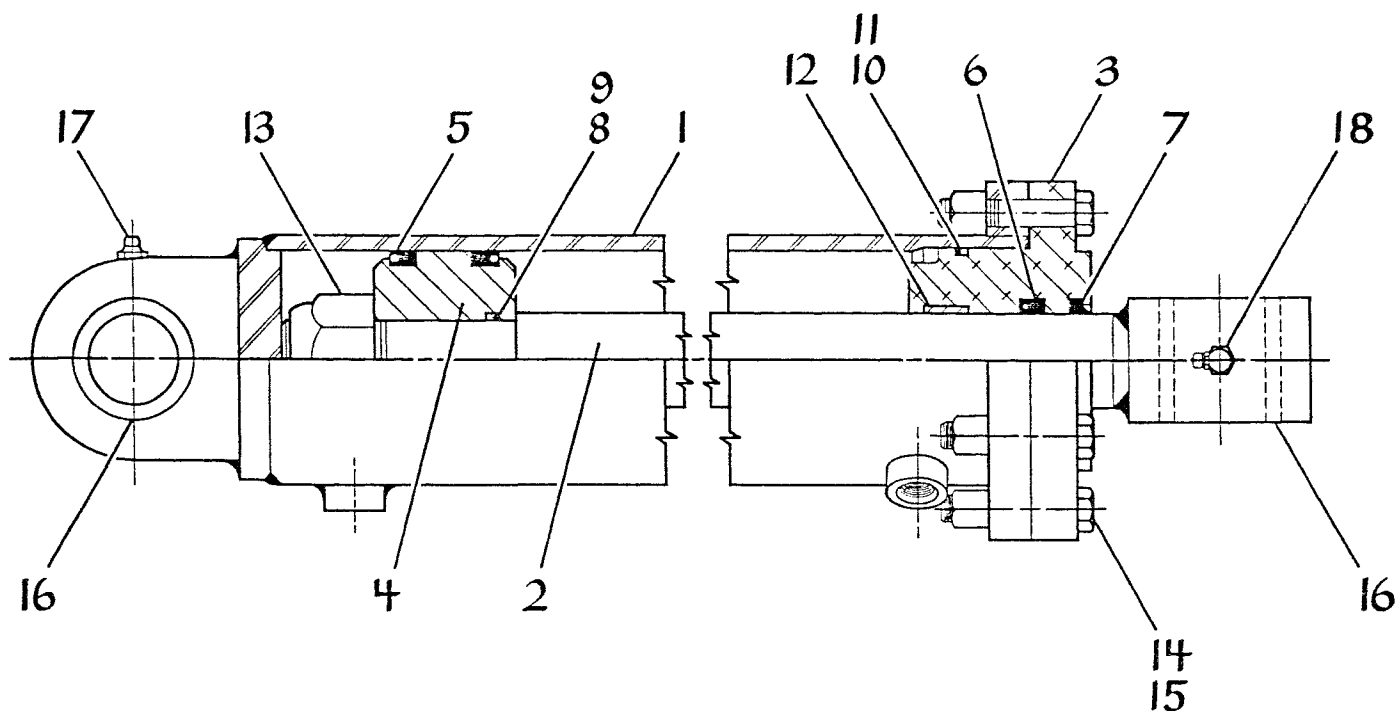
(20) CYLINDER SEAL KIT

ITEM	NUMBER	DESCRIPTION	REQD
1	4-1050	TUBE WELDMENT	1
2	3-1015-6	ROD WELDMENT / PISTON	1
3	3-1011-25	HEAD	1
4	2-1078	PISTON	1
5	7-174-02	WEAR RING / 6.00 O.D.	1
6	7-209-53	POLYPAK / ROD	1
7	7-209-46	WIPER / ROD	1
8	7-209-22	O-RING / PISTON	1
9	7-209-11	PARBAK RING / PISTON	1
10	7-209-29	O-RING / HEAD	1
11	7-209-18	PARBAK RING / HEAD	1
12	7-262-06	WEAR RING / 2.50 I.D.	1
13	6-6206-24	SELF LOCKING NUT 1 1/2 NF	1
14	6-5310-26	CAPSCREW 5/8 NF x 3 1/4 LG.	8
15	6-6204-10	HEX HI-NUT 5/8 NF	8
16	6-4516-24	BRONZE BUSHING	2
17	6-6303	LUBE FITTING / 1/8 NPT 45	1
18	6-1320-24	SPACER	1
19	7-174-01	PISTON SEAL	1
20	7-900-04	SEAL KIT / CYLINDER	REF



(17) CYLINDER SEAL KIT

ITEM	NUMBER	DESCRIPTION	REQD
1	4-1056	TUBE WELDMENT	1
2	3-1040	ROD / PISTON	1
3	3-1007-25	HEAD	1
4	2-101B-2	PISTON	1
5	7-209-03	POLYPAK / PISTON	2
6	7-209-53	POLYPAK / ROD	1
7	7-209-46	WIPER / ROD	1
8	7-209-21	O-RING / PISTON	1
9	7-209-10	PARBAK RING / PISTON	1
10	7-209-25	O-RING / HEAD	1
11	7-209-14	PARBAK RING / HEAD	1
12	7-262-06	WEAR RING / 2.50 I.D.	1
13	6-6206-20	SELF LOCKING NUT 1 1/4 NF	1
14	6-530B-20	CAPSCREW 1/2 NF x 2 1/2 LG.	6
15	6-6204-0B	HEX HI-NUT 1/2 NF	6
16	6-1320-35	SPACER	1
17	7-900-03	SEAL KIT / CYLINDER	REF



(19) CYLINDER SEAL KIT

ITEM	NUMBER	DESCRIPTION	REQD
1	4-1045	TUBE WELDMENT	1
2	3-1015-7	ROD WELDMENT / PISTON	1
3	3-1006-15	HEAD	1
4	2-1018-1	PISTON	1
5	7-209-02	POLYPAK / PISTON	2
6	7-209-51	POLYPAK / ROD	1
7	7-209-44	WIPER / ROD	1
8	7-209-21	O-RING / PISTON	1
9	7-209-10	PARBAK RING / PISTON	1
10	7-209-24	O-RING / HEAD	1
11	7-209-13	PARBAK RING / HEAD	1
12	7-262-04	WEAR RING / 1.50 I.D.	1
13	6-6206-20	SELF LOCKING NUT 1 1/4 NF	1
14	6-5307-18	CAPSCREW 7/16 NF x 2 1/4 LG.	6
15	6-6204-07	HEX HI-NUT 7/16 NF	6
16	6-4512-16	BRONZE BUSHING	2
17	6-6301	LUBE FITTING 1/8 NPT STR.	2
18	6-6302	LUBE FITTING 1/8 NPT 90	1
19	7-900-02	SEAL KIT / CYLINDER	REF

REF:

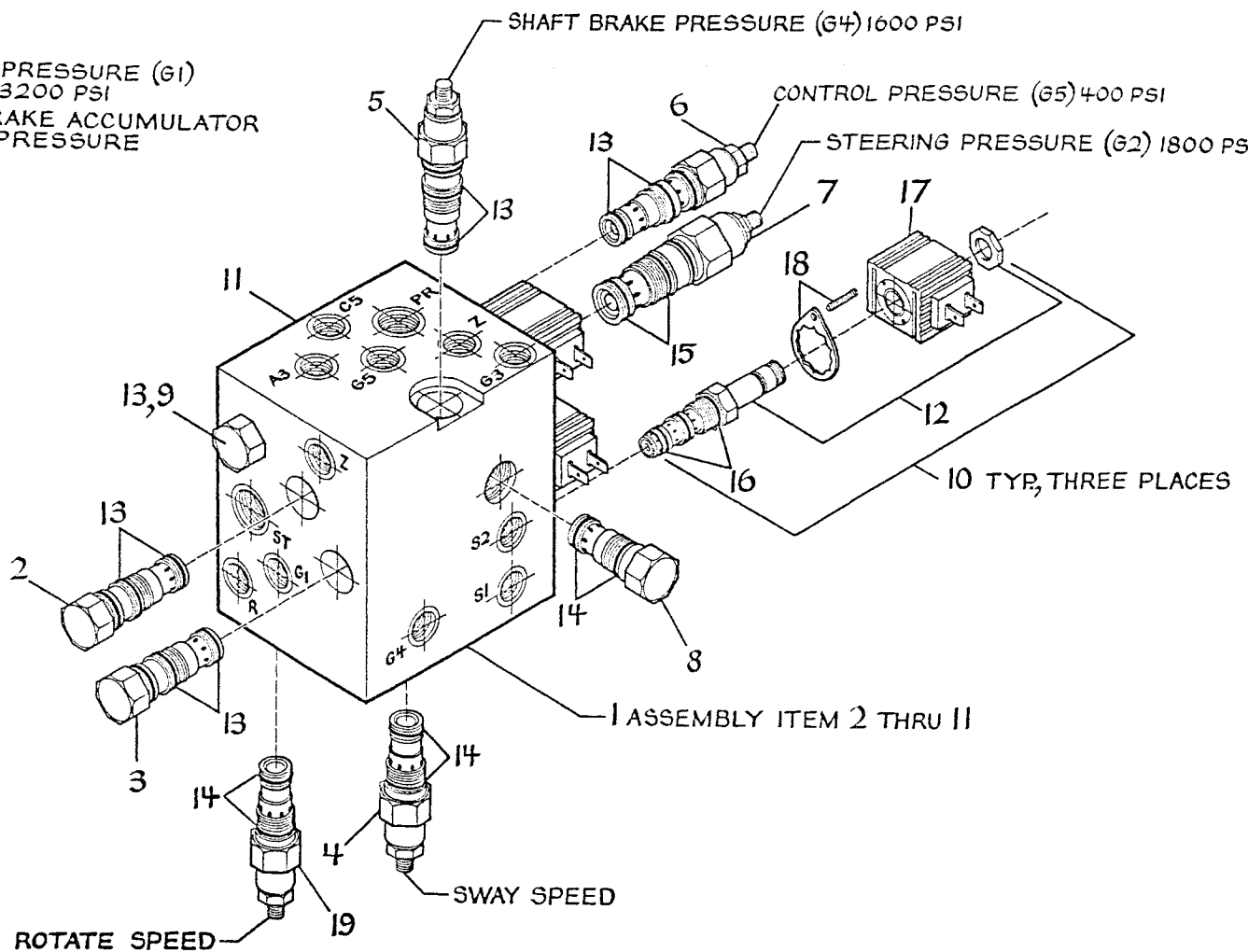
PUMP PRESSURE (G1)
3200 PSI

(G3) BRAKE ACCUMULATOR
PRESSURE

SHAFT BRAKE PRESSURE (G4) 1600 PSI

CONTROL PRESSURE (G5) 400 PSI

STEERING PRESSURE (G2) 1800 PSI



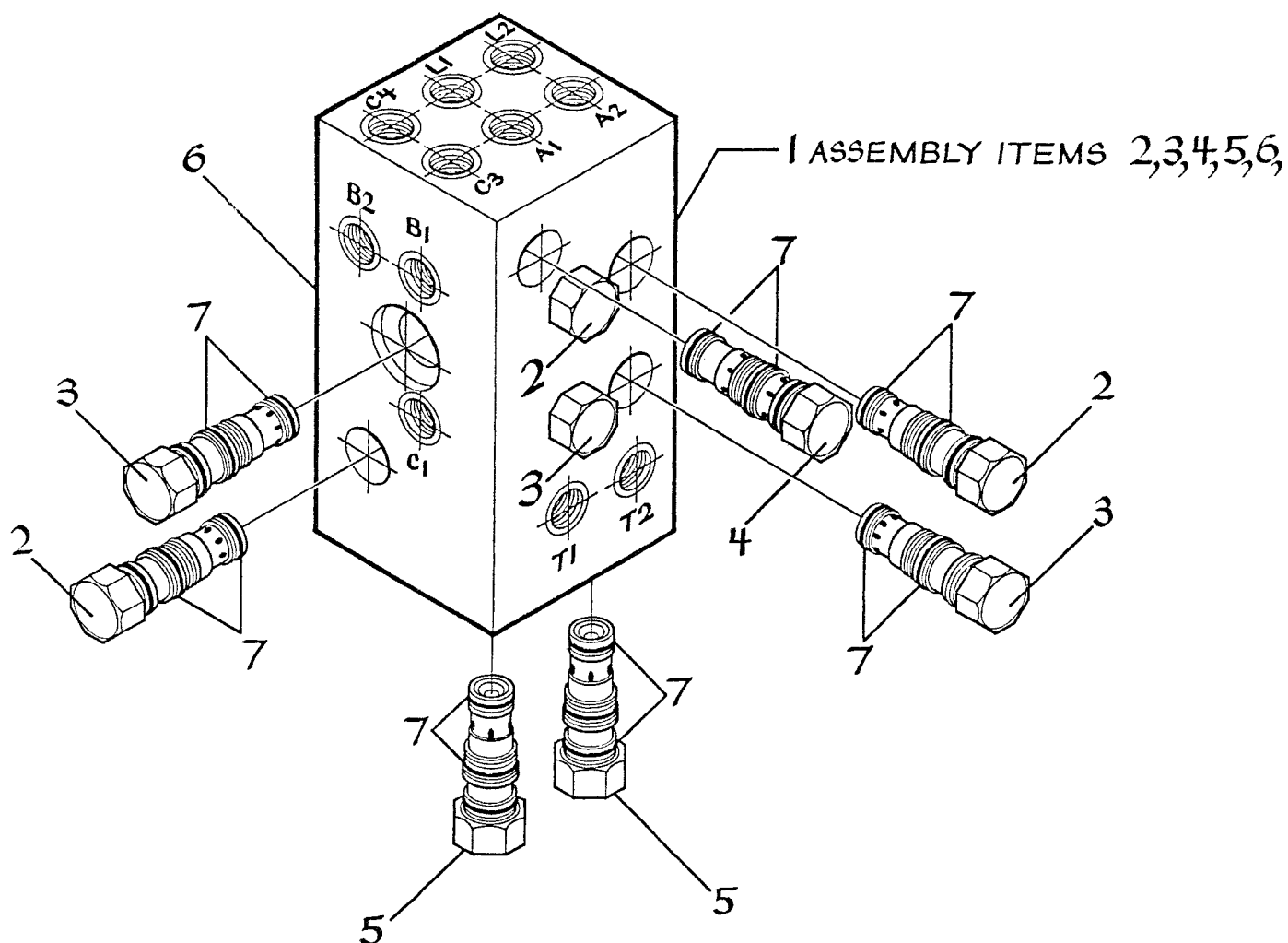
ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-08	CONTROL BLOCK ASSEMBLY	1
2	7-234-11	CARTRIDGE / NORM. OPEN	1
3	7-234-10	CARTRIDGE / NORM. CLOSED	1
4	7-234-17	CARTRIDGE / NEEDLE	1
5	7-234-28	CARTRIDGE / RED.-RELIEVING	1
6	7-234-13	CARTRIDGE / RED.-RELIEVING	1
7	7-234-15	CARTRIDGE / REDUCING	1
8	7-234-16	CARTRIDGE / CHECK	1
9	7-234-10	CARTRIDGE / NORM. CLOSED	1
10	7-244-07	SOLENOID VALVE ASSY / HEAVY DUTY	3
11	7-234-27	BODY	1
12	7-244-03	CARTRIDGE ONLY	3
13	7-234-29	SEAL KIT	5
14	7-234-31	SEAL KIT	3
15	7-234-30	SEAL KIT	1
16	7-244-04	SEAL KIT / SOLENOID	3
17	7-244-06	COIL / HEAVY DUTY	3
18	7-234-34	LOCK KIT	3
19	7-234-37	NEEDLE VALVE ASSEMBLY	1

DRAWING
NUMBER

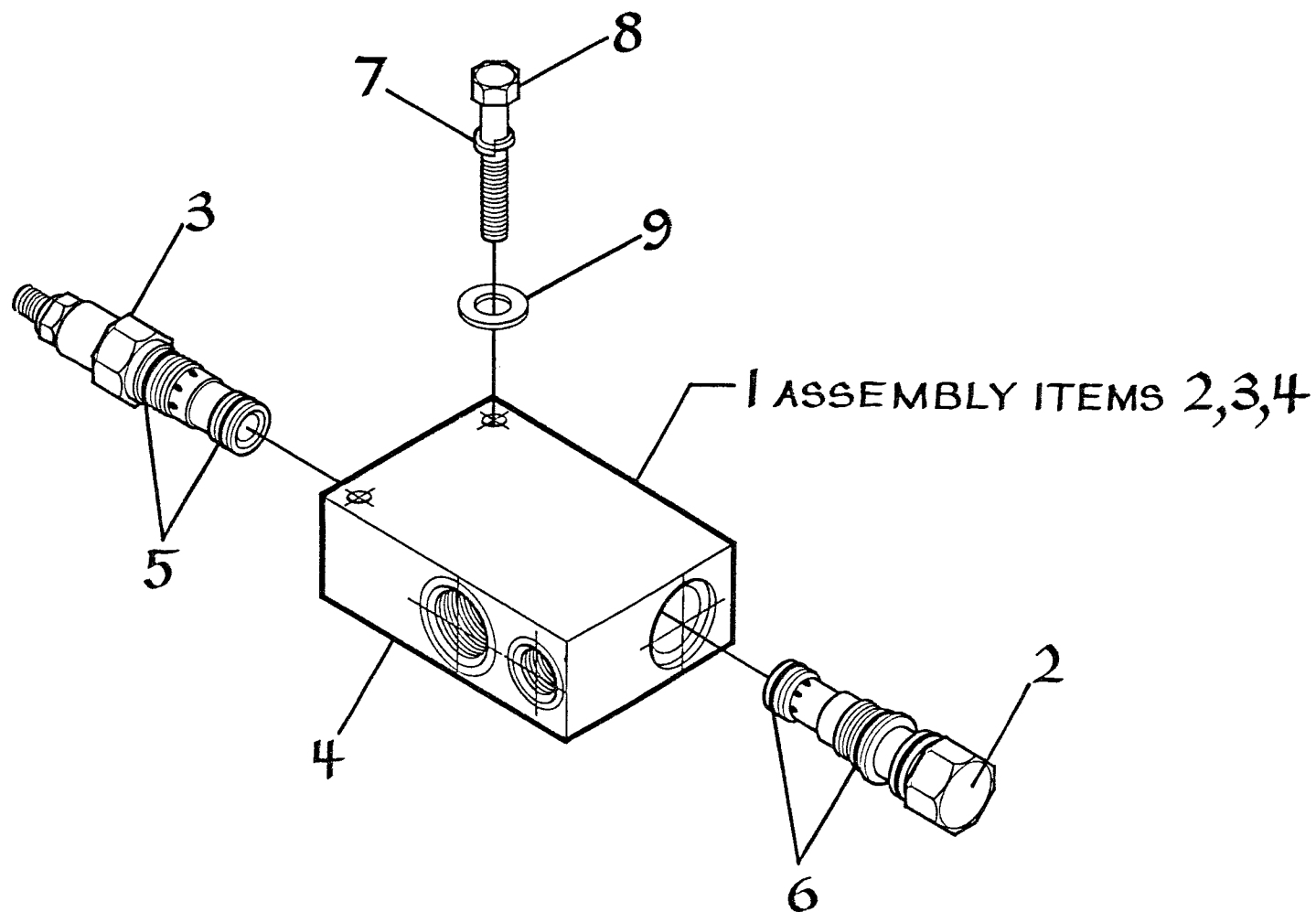
P4-1099A

CONTROL BLOCK ASSY / SS-836

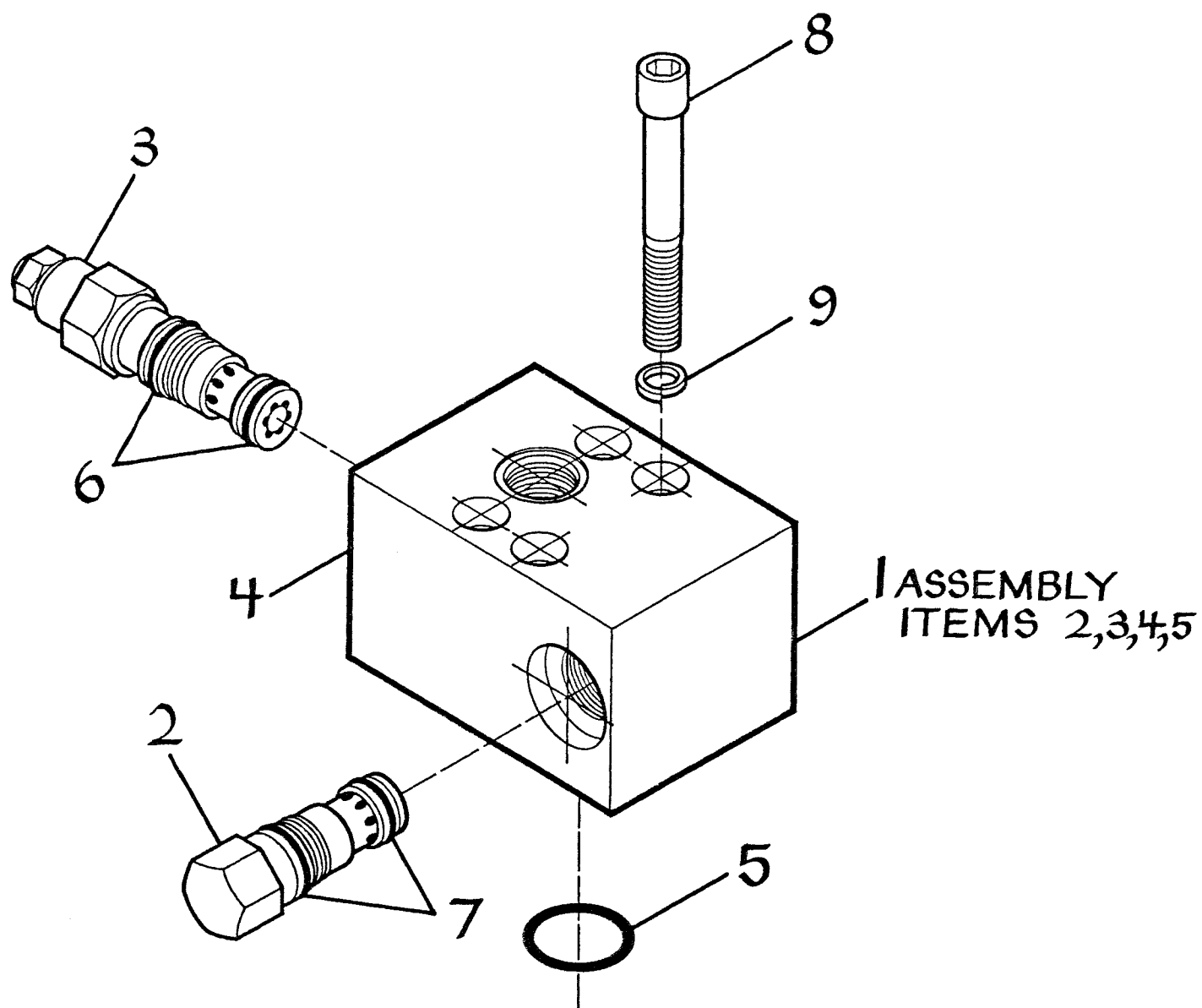
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NUMBER 36A



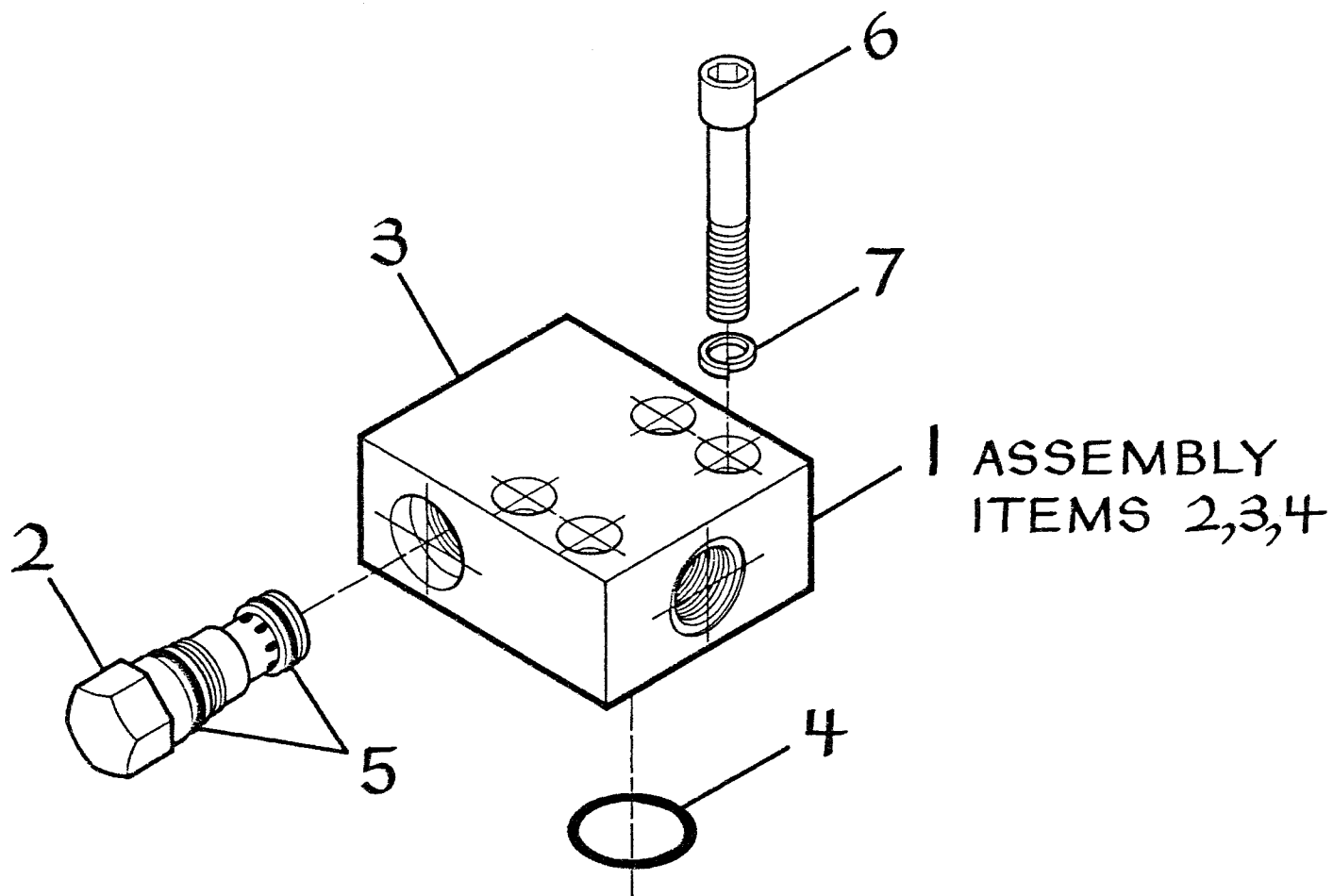
ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-07	LOGIC BLOCK ASSEMBLY	1
2	7-234-10	CARTRIDGE / NORM. CLOSED	3
3	7-234-11	CARTRIDGE / NORM. OPEN	3
4	7-234-12	CARTRIDGE / SHUTTLE	1
5	7-234-18	CARTRIDGE / PILOT CHECK	2
6	7-234-26	BODY	1
7	7-234-29	SEAL KIT	9



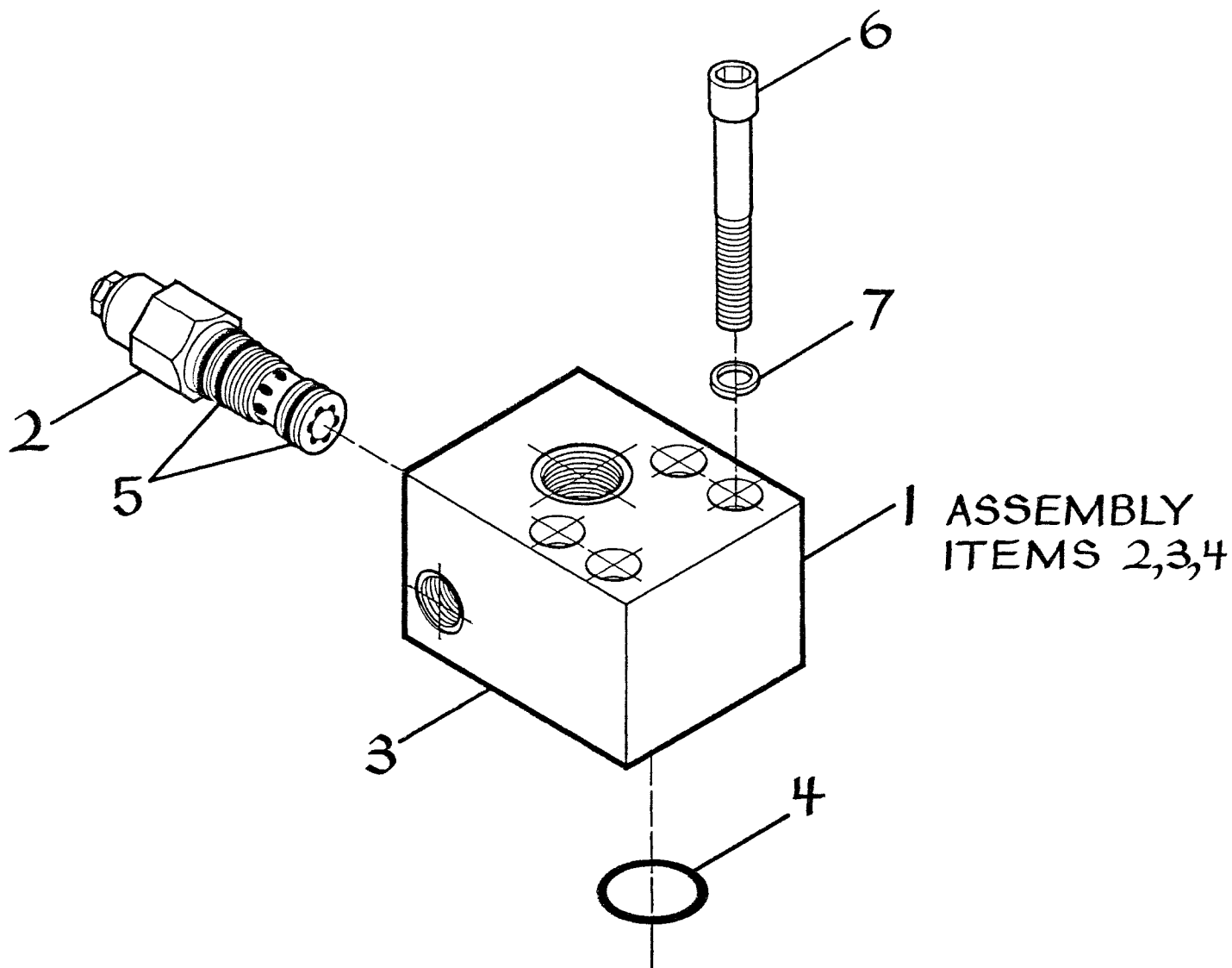
ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-09	BY-PASS VALVE ASSEMBLY	1
2	7-234-11	CARTRIDGE / NORM. OPEN	1
3	7-234-17	CARTRIDGE / NEEDLE	1
4	7-234-20	BODY	1
5	7-234-31	SEAL KIT	1
6	7-234-29	SEAL KIT	1
7	6-6211-04	LOCKWASHER 1/4	2
8	6-5204-14	CAPSCREW 1/4 NC x 1 3/4 LG.	2
9	6-6212-04	FLATWASHER 1/4	2



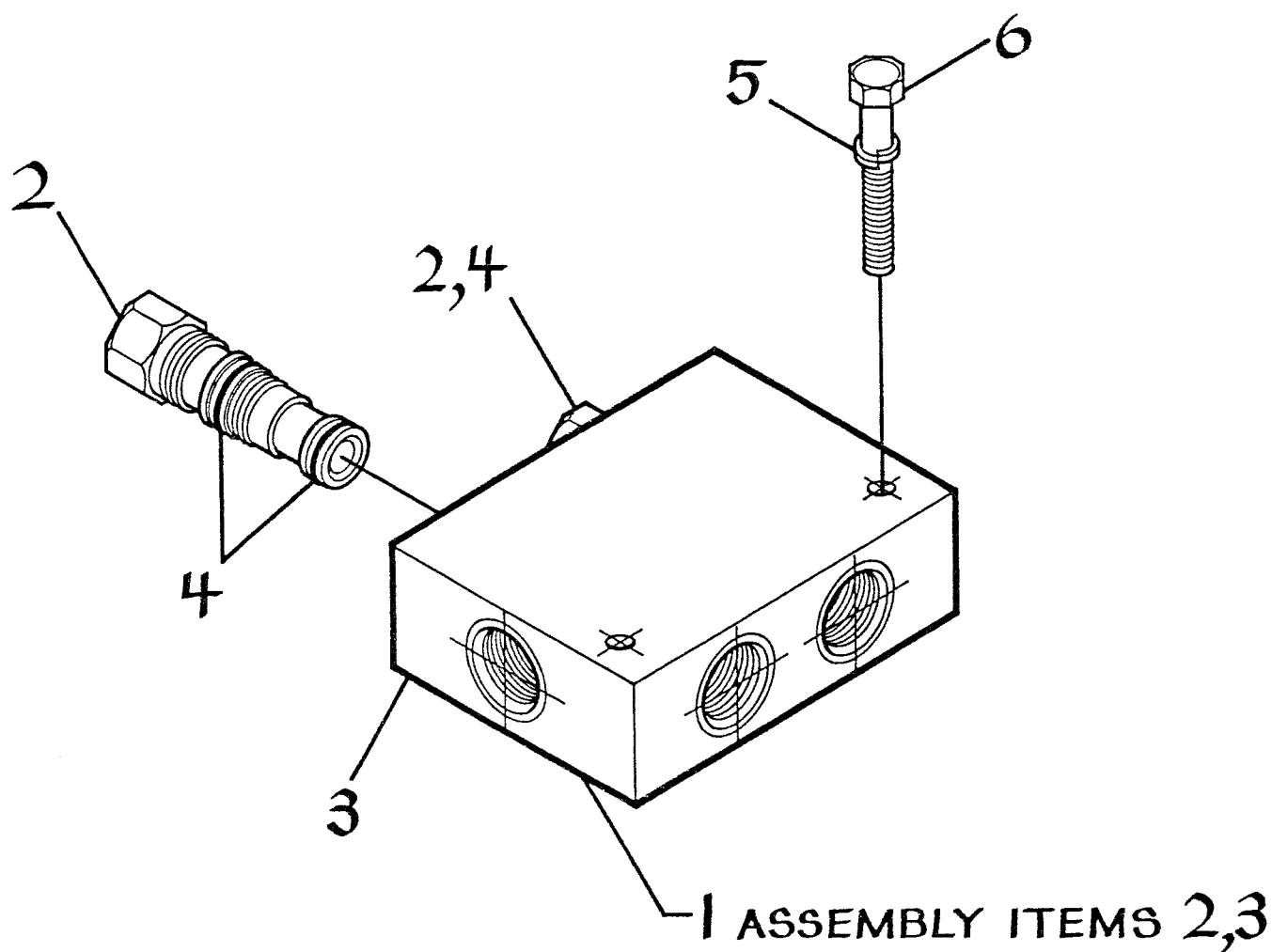
ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-01	MOTION VALVE ASSEMBLY	1
2	7-234-16	CARTRIDGE / CHECK	1
3	7-234-19	CARTRIDGE / COUNTERBALANCE	1
4	7-234-25	BODY	1
5	7-234-32	O-RING	1
6	7-234-29	SEAL KIT	1
7	7-234-31	SEAL KIT	1
8	6-5606-22	CAPSCREW SH 3/8 NC x 2 3/4 LG.	4
9	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4



ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-02	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

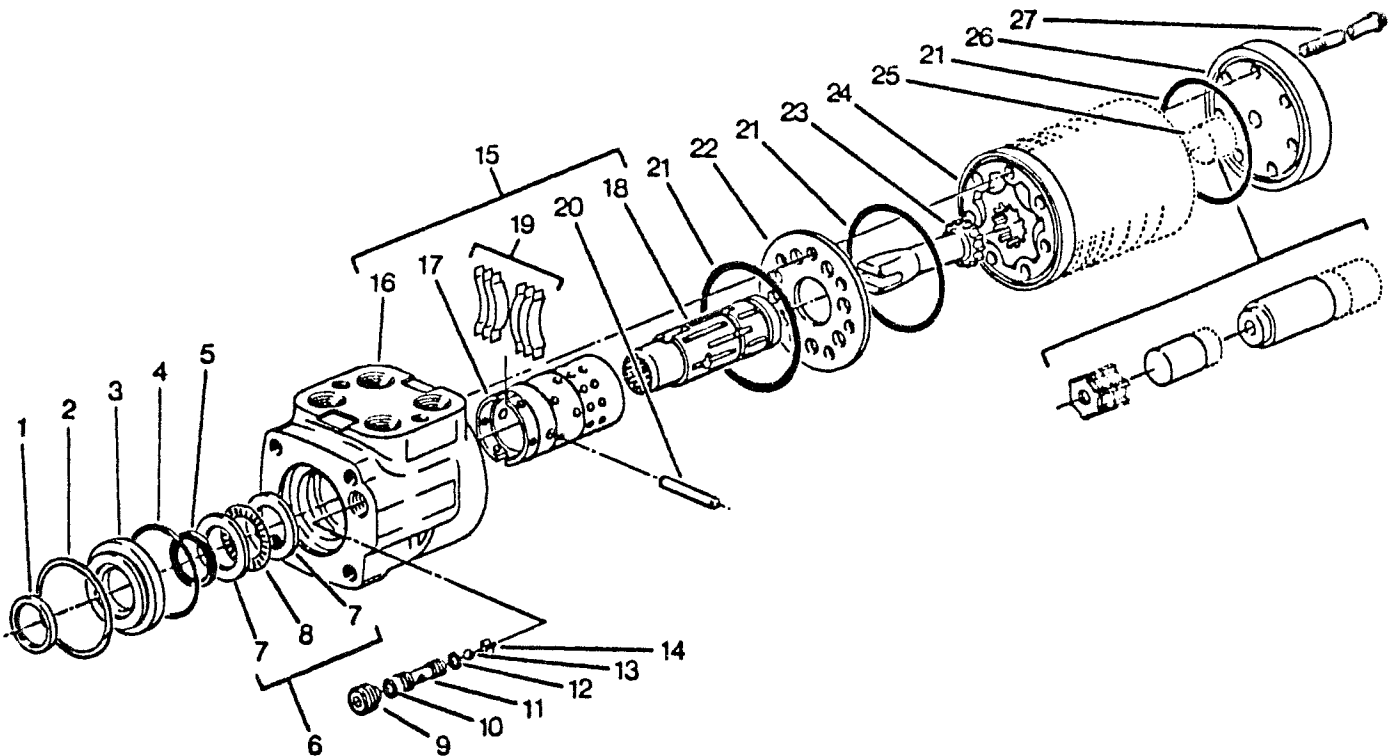


ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-03	MOTION VALVE ASSEMBLY	1
2	7-234-22	CARTRIDGE / COUNTERBALANCE	1
3	7-234-23	BODY	1
4	7-234-32	O-RING	1
5	7-234-30	SEAL KIT	1
6	6-5606-22	CAPSCREW SH 3/8 NC x 2 3/4 LG.	4
7	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4

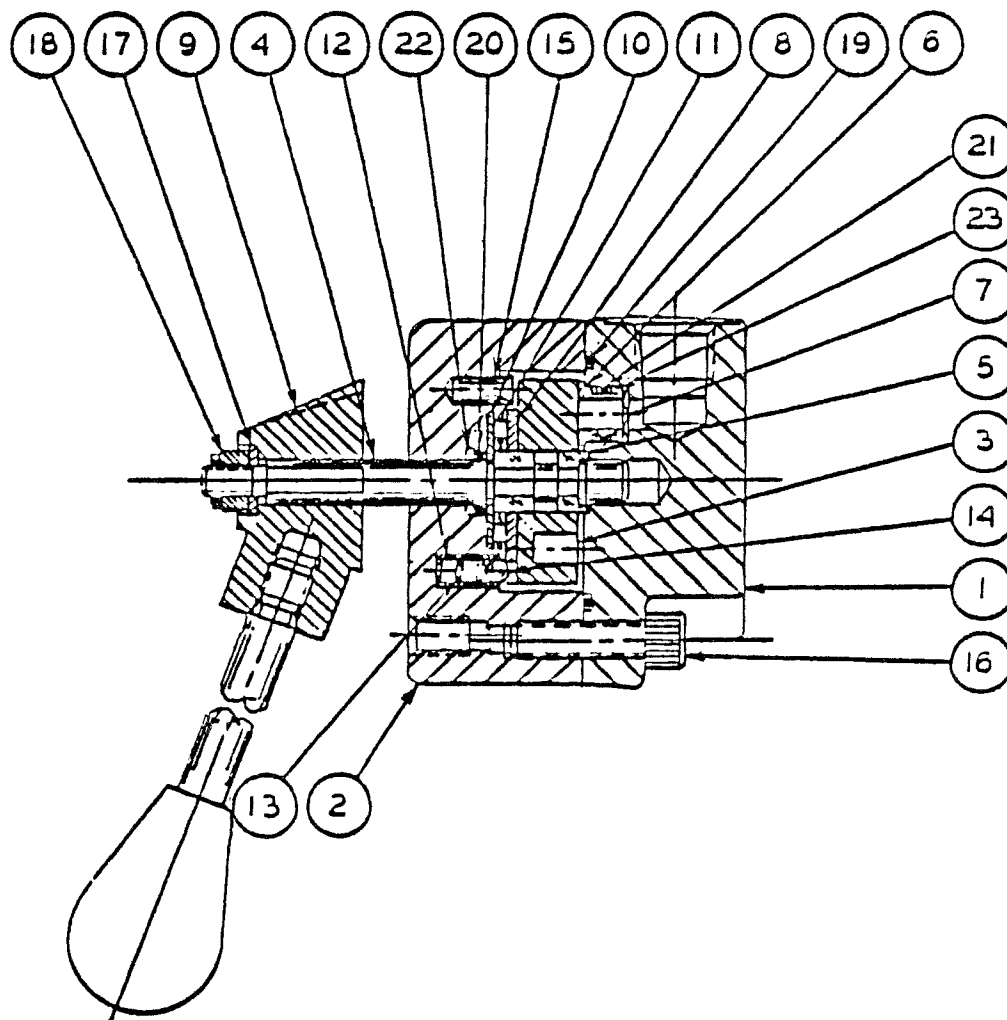


ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-04	DUEL PILOT CHECK VALVE ASSY	1
2	7-234-1B	CARTRIDGE / PILOT CHECK	2
3	7-234-21	BODY	1
4	7-234-29	SEAL KIT	2
5	6-6211-05	LOCKWASHER 5/16	2
6	6-5205-14	CAPSCREW 5/16 NC x 1 3/4 LG.	2

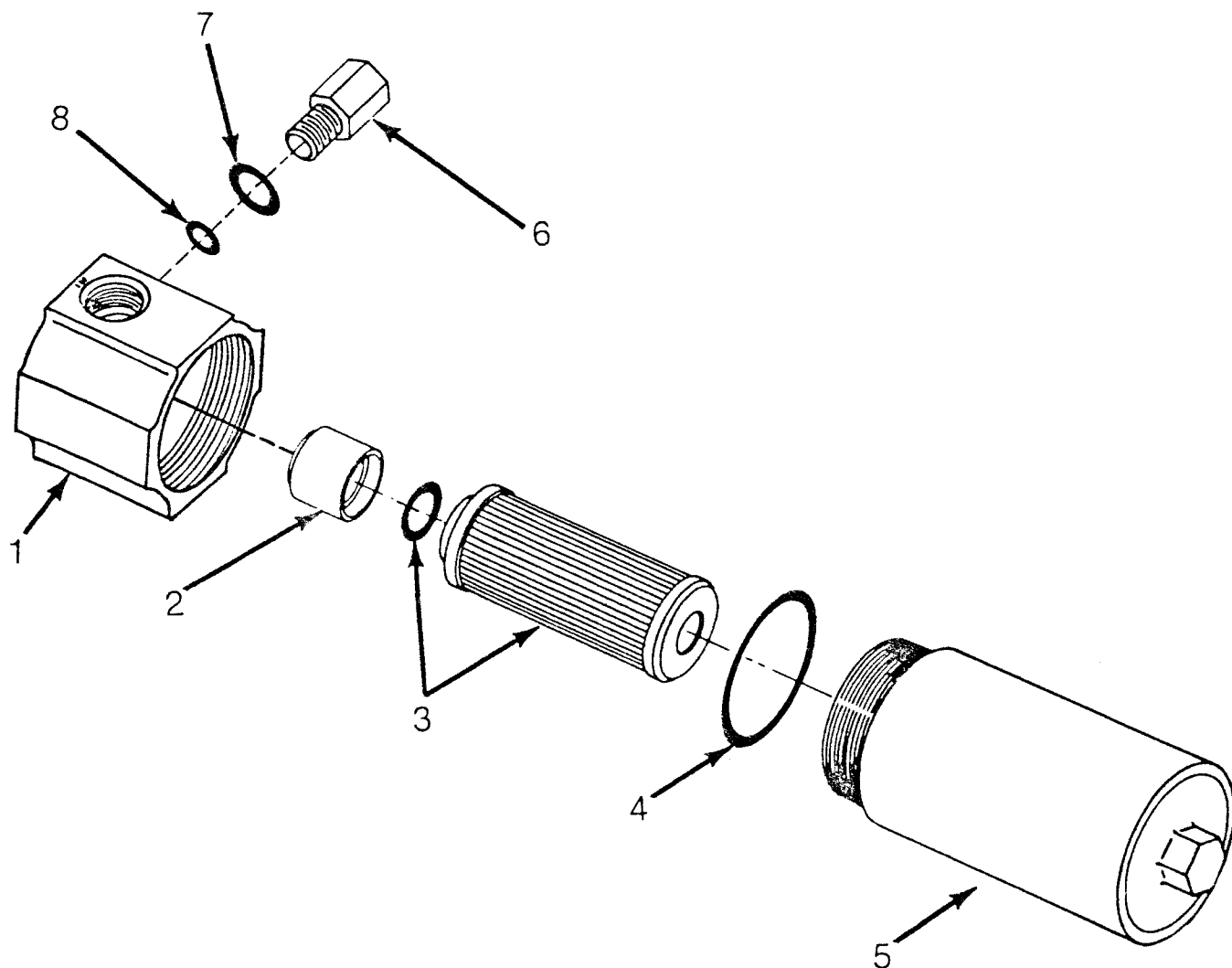
MANUFACTURE PART NUMBER	BPI NUMBER	DESCRIPTION	SEAL KIT
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LKDC-XDN	7-234-10	CARTRIDGE / NORMALLY CLOSED	7-234-29
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LODC-XDN	7-234-11	CARTRIDGE / NORMALLY OPEN	7-234-29
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CSAB-XXN	7-234-12	CARTRIDGE / SHUTTLE	7-234-29
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PPDB-LNN-400	7-234-13	CARTRIDGE / REDUCING RELIEVING	7-234-29
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PBFB-LAN-1800	7-234-15	CARTRIDGE / REDUCING	7-234-30
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CXDA-XAN	7-234-16	CARTRIDGE / CHECK	7-234-31
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NFCC-LCN	7-234-17	CARTRIDGE / NEEDLE	7-234-31
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CKCD-XAN	7-234-18	CARTRIDGE / PILOT CHECK	7-234-29
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CBCA-LHN	7-234-19	CARTRIDGE / COUNTERBALANCE	7-234-29
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CBEA-LHN	7-234-22	CARTRIDGE / COUNTERBALANCE	7-234-30
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PPDB-LAN-1600	7-234-28	CARTRIDGE / REDUCING RELIEVING	7-234-29
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NFCC-LDN-GCI	7-234-37	CARTRIDGE / NEEDLE	7-234-31
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	7-244-07	SOLENOID / ELECTRIC	7-244-04
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	4-1055	CYLINDER / LIFT	7-900-01
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	4-1049	CYLINDER / TILT	7-900-04
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	4-1057	CYLINDER / BOOM	7-900-03
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	4-1044	CYLINDER / SWAY	7-900-02
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	4-1119	CYLINDER / ROTATE / 2.5 BORE	7-900-05
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	4-1171	CYLINDER / ROTATE / 3.0 BORE	7-900-07
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	4-1131	CYLINDER / STABILIZER	7-900-06
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	4-1055-25	LIFT CYLINDER / STABILIZER	7-900-01
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	4-1057-25	BOOM CYLINDER / STABILIZER	7-900-03
-----	-----	-----	-----
	7-229-215	CYLINDER / STEERING	7-229-211
-----	-----	-----	-----
	7-229-214	CYLINDER / STEERING	7-229-211
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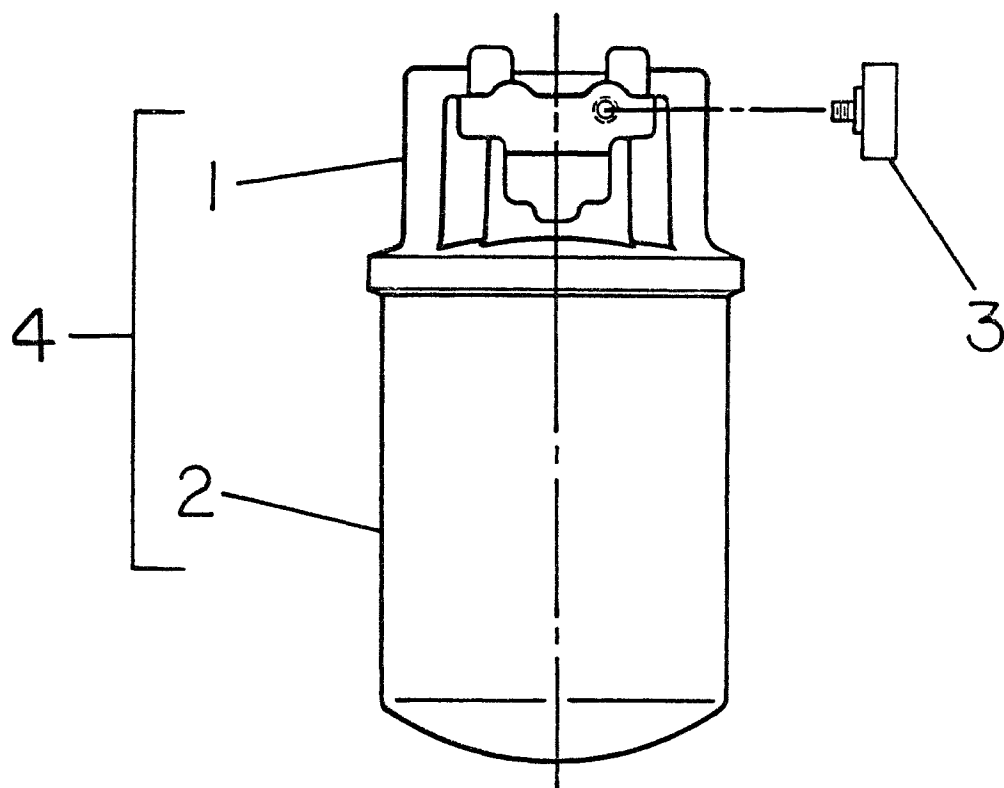
ITEM	NUMBER	DESCRIPTION	REQD
1	7-122-06	SEAL / 1 INCH ID	1
2	7-122-07	RETAIN RING	1
3	7-122-08	BUSHING / SEAL GLAND	1
4	7-122-09	SEAL / 1 7/8 INCH ID	1
5	7-122-10	SEAL / QUAD RING / 1 1/16 ID	1
6	7-122-11	BEARING / NEEDLE	1
7	7-122-12	BEARING / RACE	2
8	7-122-13	BEARING / THRUST	1
9	7-122-14	SET SCREW	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



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	7-217-09	SEAL	4
7	7-217-10	SEAL / SPRING	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 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

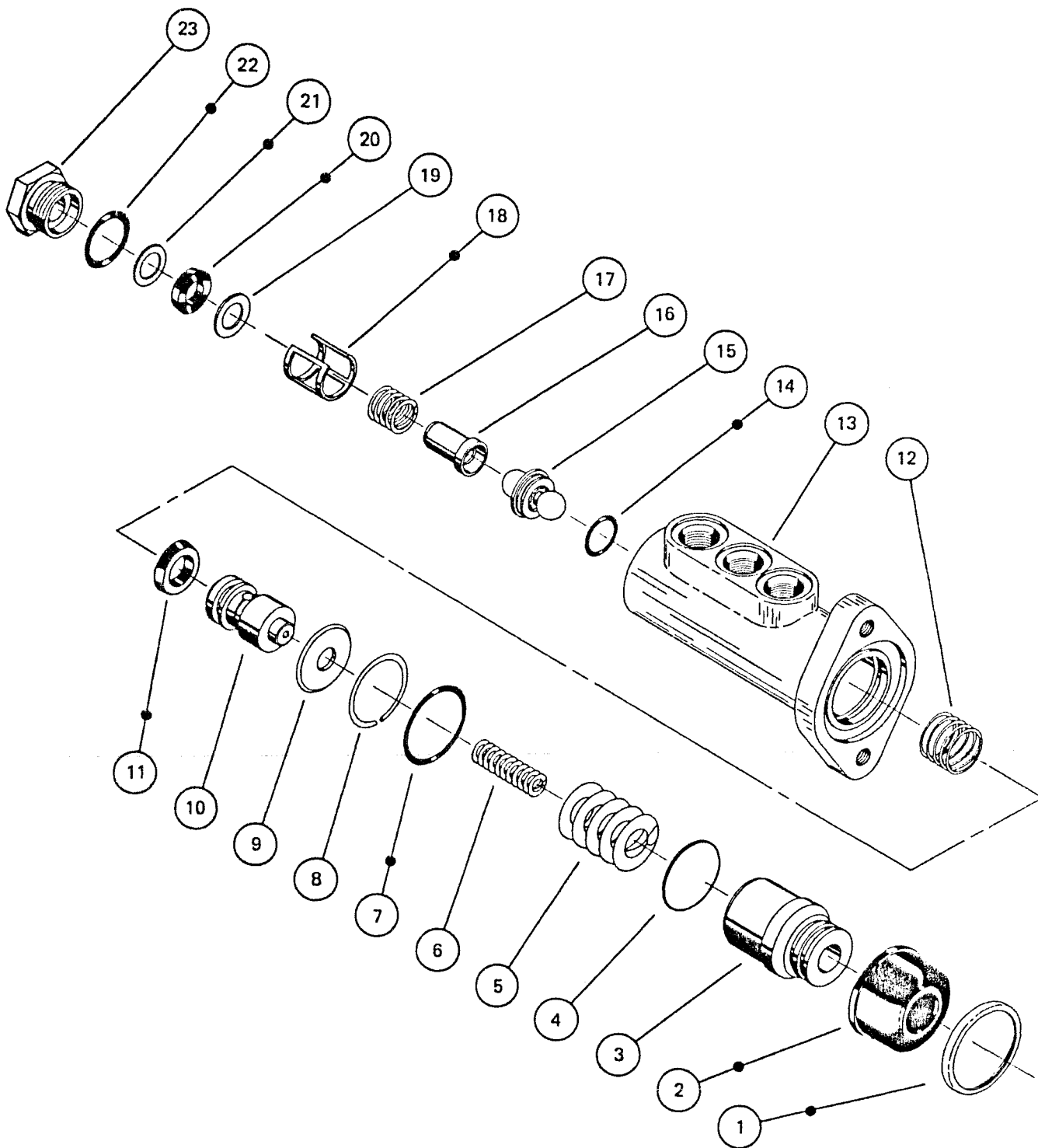


ITEM	NUMBER	DESCRIPTION	REQD
1	7-256-08	HEAD	1
2	7-256-09	BY-PASS VALVE	1
3	7-256-04	ELEMENT & O-RING	1
4	7-256-10	O-RING	1
5	7-256-11	BOWL	1
6	7-256-12	VISUAL INDICATOR	1
7	7-256-14	O-RING	1
8	7-256-15	O-RING	1

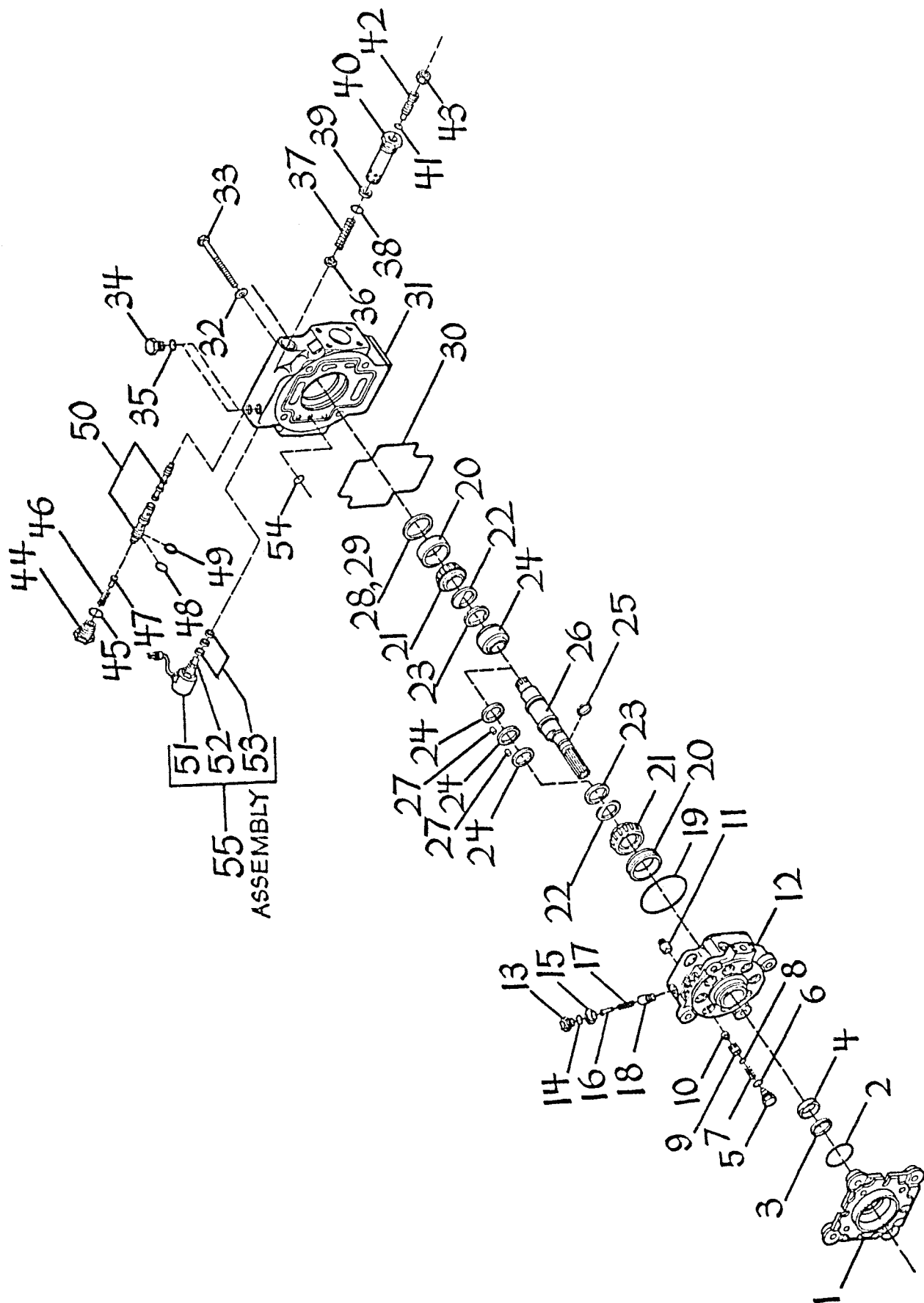


ITEM	NUMBER	DESCRIPTION	REQD
1	7-256-13	HEAD	1
2	7-256-05	ELEMENT & O-RING	1
3	7-256-03	GAGE	1
4	7-256-02	FILTER ASSEMBLY	1

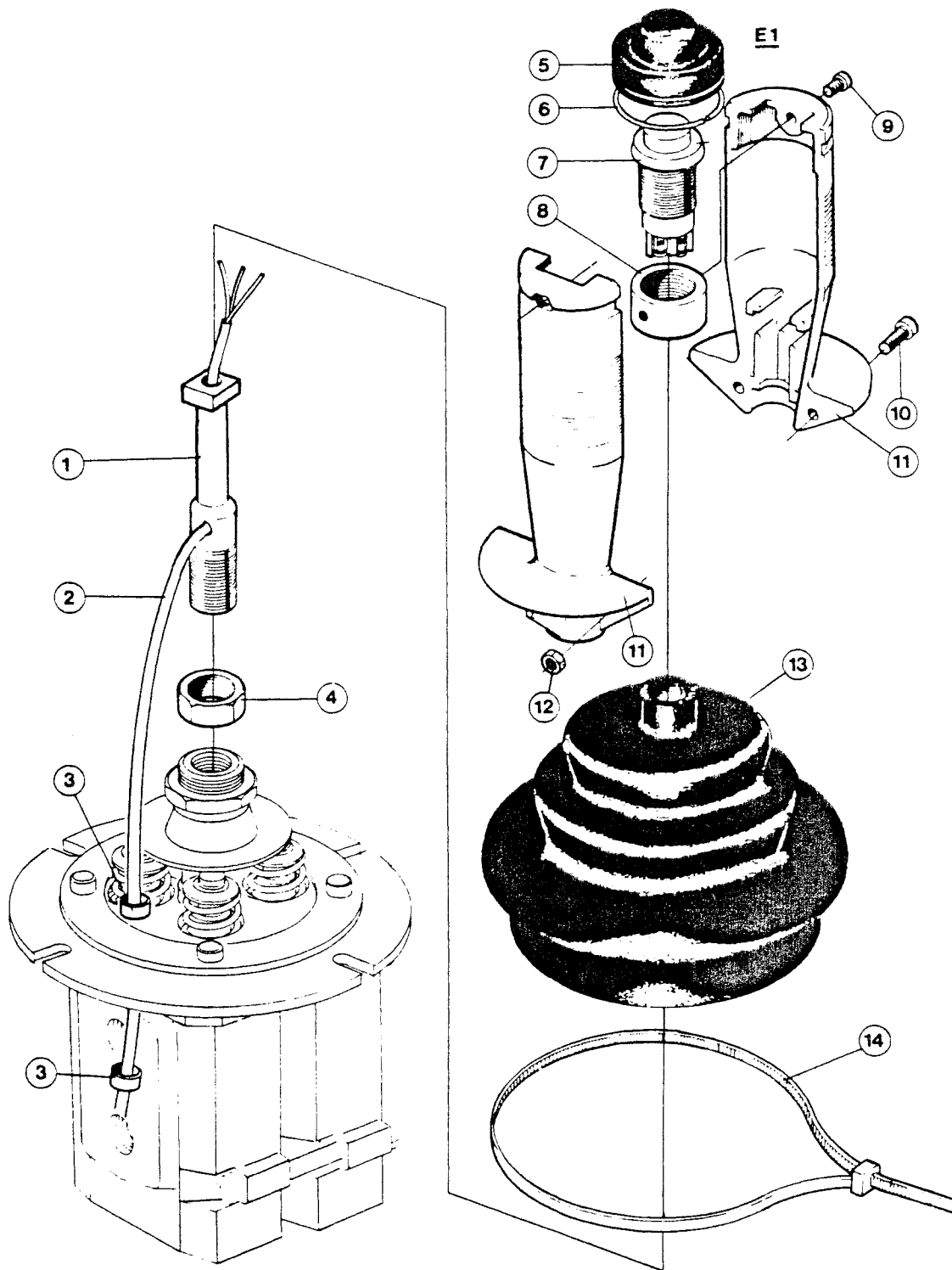
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ITEM	NUMBER	DESCRIPTION	REQD
1	7-198-09	RING	1
2	7-198-20	BOOT	1
3	7-198-04	PISTON	1
4		SHIM / ITEMS 25-28	
5	7-198-10	SPRING	1
6		SPRING / NOT USED THIS MODEL	
7	7-198-21	O-RING	1
8	7-198-11	RETAINER RING	1
9	7-198-22	WASHER	1
10	7-198-12	PISTON	1
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	

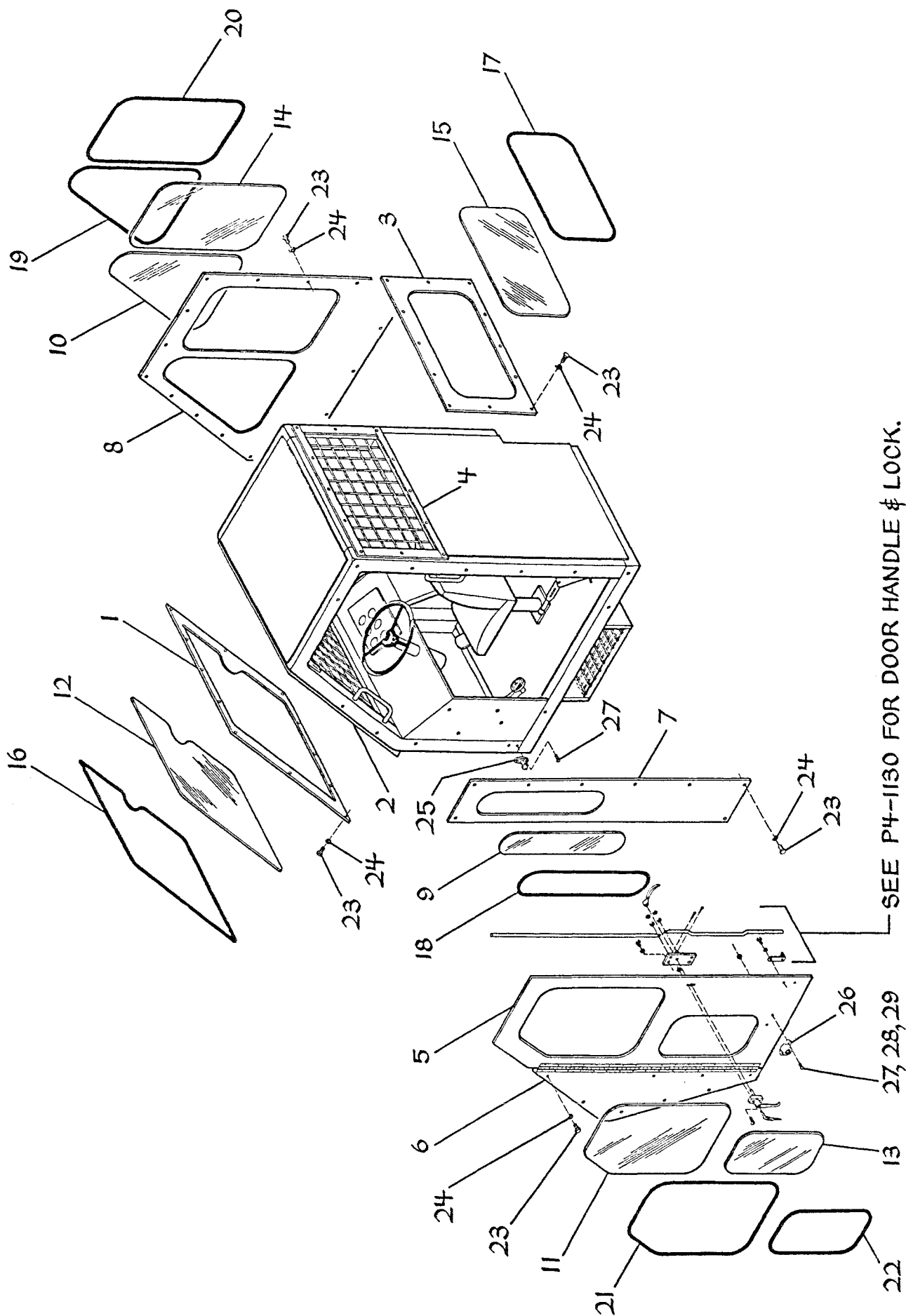


ITEM	NUMBER	DESCRIPTION	REQD
1	7-257-10	SUPPORT	1
2	7-257-11	O-RING	1
3	7-257-12	SNAP RING	1
4	7-257-13	SEAL	1
5	7-257-14	FITTING	8
6	7-257-15	O-RING	8
7	7-257-16	SPRING	8
8	7-257-17	DISK	8
9	7-257-18	GUIDE	8
10	7-257-19	VALVE SEAT	8
11	7-257-20	VALVE	8
12	7-257-21	HOUSING	1
13	7-257-22	PLUG	8
14	7-257-15	O-RING	8
15	7-257-23	SHIELD / SET OF 8	1
16	7-257-24	PIN	8
17	7-257-25	SPRING / SET OF 8	1
18	7-257-26	PISTON	8
19	7-257-27	O-RING	1
20	7-257-28	BEARING CUP	2
21	7-257-29	BEARING CONE	2
22	7-257-30	SPACER	2
23	7-257-31	THRUST WASHER	2
24	7-257-32	WASHER	3
25	7-257-33	RING	1
26	7-257-34	SHAFT	1
27	7-257-35	NEEDLE ROLLER	50
28	7-257-36	SHIM / .006	
29	7-257-37	SHIM / .010	
30	7-257-38	PACKING	1
31	7-257-39	HOUSING	1
32	7-257-40	WASHER	4
33	7-257-41	CAPSCREW	4
34	7-257-42	PLUG	2
35	7-257-43	O-RING	2
36	7-257-44	GUIDE	1
37	7-257-45	SPRING	1
38	7-257-46	O-RING	1
39	7-257-47	WASHER	1
40	7-257-48	SLEEVE	1
41	7-257-43	O-RING	1
42	7-257-49	SCREW	1
43	7-257-50	LOCK NUT	1
44	7-257-51	PLUG	1
45	7-257-15	O-RING	1
46	7-257-52	SPRING	1
47	7-257-53	VALVE	1
48	7-257-54	O-RING	1
49	7-257-55	BACK-UP RING	1
50	7-257-56	VALVE	1
51	7-244-06	COIL / HEAVY DUTY / 12 VDC	1
52	7-244-08	CARTRIDGE / N.O.	1
53	7-244-04	SEAL KIT	1
54	7-257-57	O-RING	1
55	7-244-09	SOLENOID VALVE ASSEMBLY / N.O.	1



ITEM	NUMBER	DESCRIPTION	REQD
1		LEVER	1
2	7-200-17	WIRE	1
3	7-200-18	WIRE CLAMP	1
4	7-200-16	NUT	1
5	7-200-07	SEALING CAP	1
6	7-200-10	LOCK RING	1
7	7-200-07	SWITCH	1
8		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

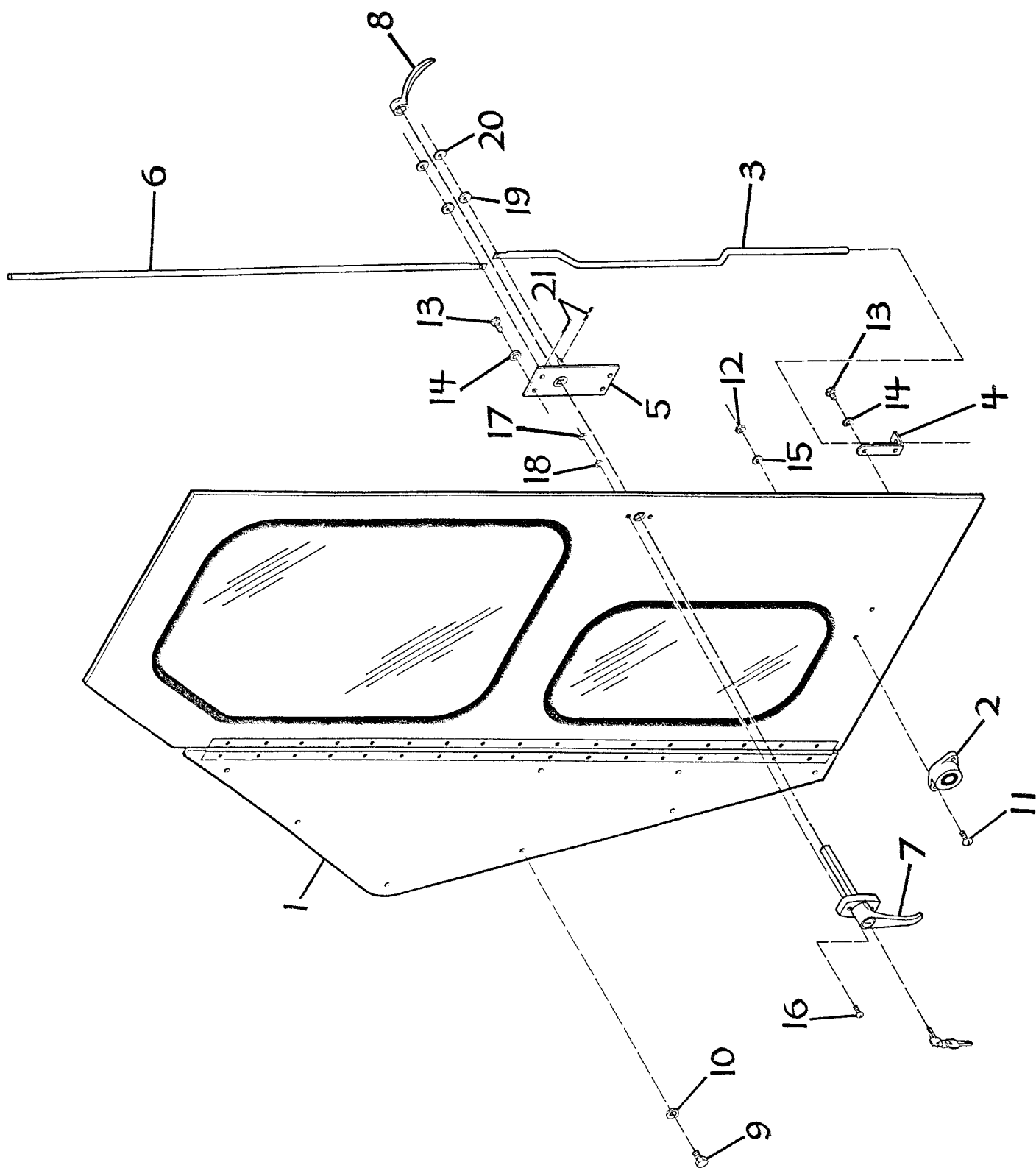
OPTIONAL EQUIPMENT SECTION



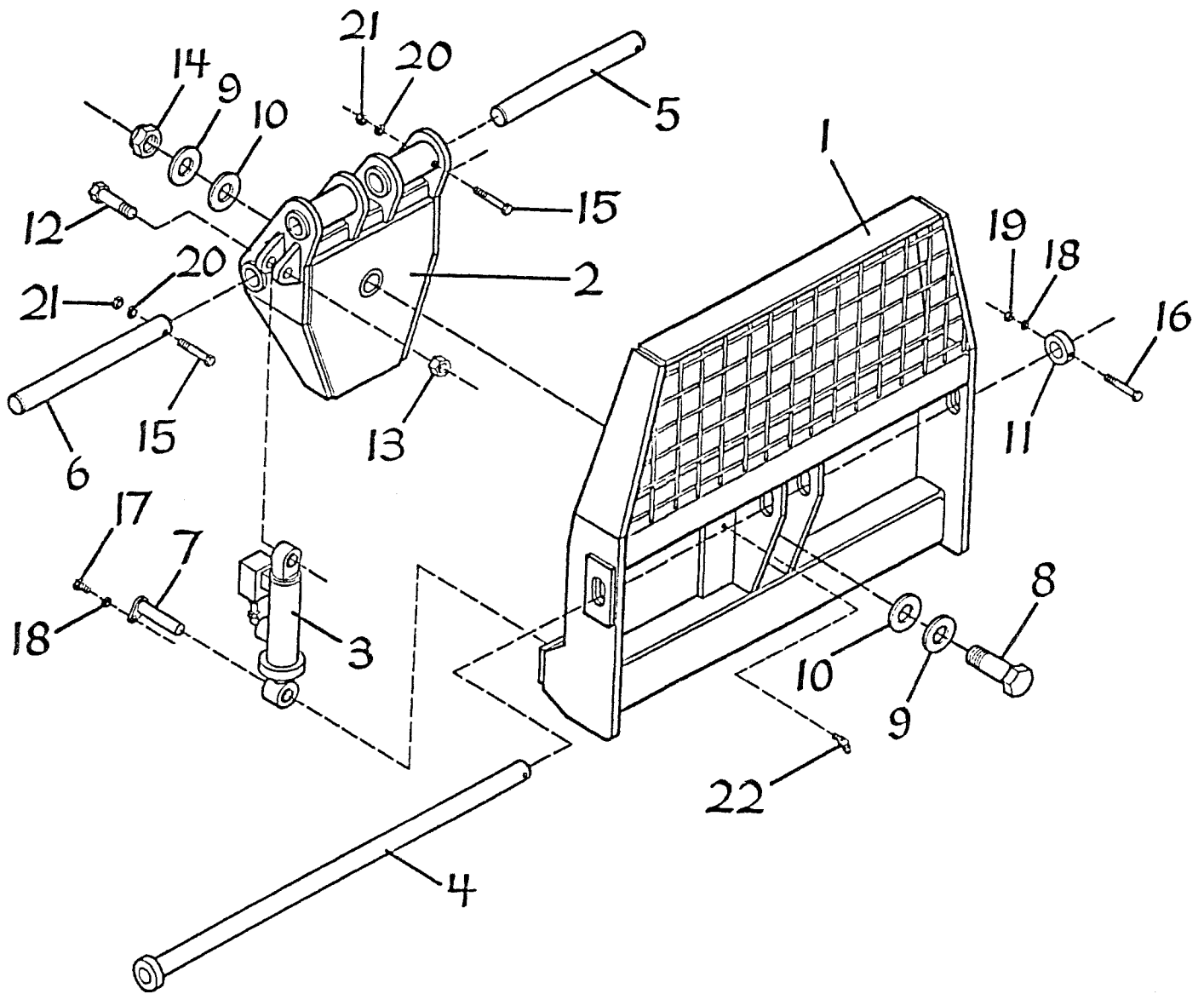
—SEE P4-1130 FOR DOOR HANDLE & LOCK.

27, 28, 29

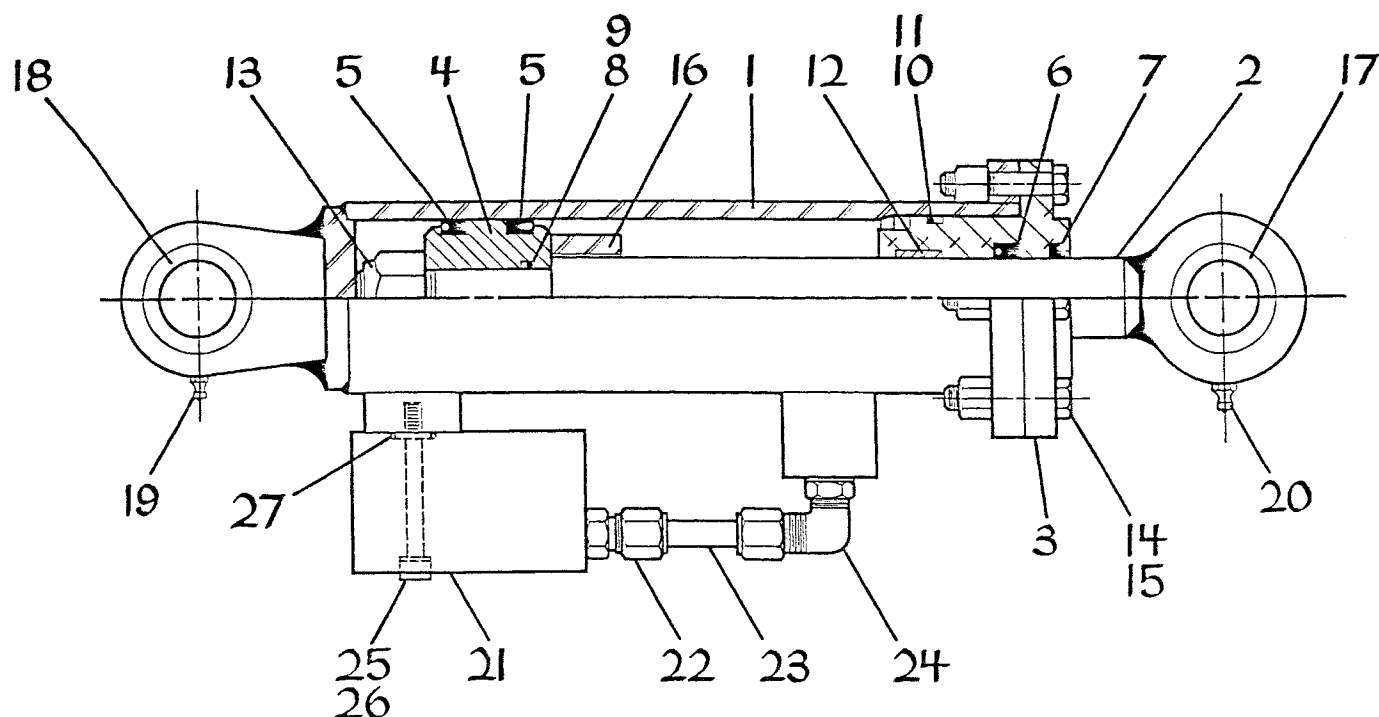
ITEM	NUMBER	DESCRIPTION	REQD
1	4-1125-1	FRONT PANEL	1
2	4-1125-2	FRONT FRAME / REF ONLY	1
3	3-1116-1	REAR PANEL	1
4	3-1116-2	REAR FRAME / REF ONLY	1
5	4-1126	DOOR WELDMENT	1
6	2-1056-2	HINGE / REF ONLY	1
7	3-1117	REAR PANEL / DOOR SIDE	1
8	3-1115	RIGHT HAND PANEL	1
9	6-3910-01	GLASS / REAR PANEL-DOOR SIDE	1
10	6-3910-02	GLASS / RIGHT HAND PANEL (FRONT)	1
11	6-3910-03	GLASS / DOOR (UPPER)	1
12	6-3910-04	GLASS / WINDSHIELD	1
13	6-4110-01	GLASS / DOOR (LOWER)	1
14	6-4110-02	GLASS / RIGHT HAND PANEL (REAR)	1
15	6-4110-03	GLASS / REAR PANEL	1
16	6-9606-991	RUBBER / WINDSHIELD	1
17	6-9606-636	RUBBER / REAR WINDOW	1
18	6-9606-520	RUBBER / REAR PANEL-DOOR SIDE	1
19	6-9606-673	RUBBER / RIGHT HAND PANEL (FRONT)	1
20	6-9606-696	RUBBER / RIGHT HAND PANEL (REAR)	1
21	6-9606-700	RUBBER / DOOR (UPPER)	1
22	6-9606-448	RUBBER / DOOR (LOWER)	1
23	6-5205-05	CAPSCREW 5/16 NC x 5/8 LG.	58
24	6-6211-05	LOCKWASHER 5/16	58
25	1-1076	PLUNGER (MODIFIED)	1
26	7-294-05	SOCKET	1
27	7-194-24	MACHINE SCREW 5/16 NC x 3/4 LG.	4
28	6-6201-05	HEX NUT 5/16 NC	2
29	6-6211-05	LOCKWASHER 5/16	2



ITEM	NUMBER	DESCRIPTION	REQD
1	4-1126	DOOR WELDMENT	REF
2	7-294-05	SOCKET	REF
3	2-1069	LOWER CATCH ROD (MODIFIED)	1
4	1-1077	ROD GUIDE (MODIFIED)	1
5	7-294-01	LOCK ASSEMBLY (ITEMS 5,19,20,21)	1
6	1-1099	UPPER CATCH ROD (MODIFIED)	1
7	1-1078	4 IN. LOCKING HANDLE (MODIFIED)	1
8	7-294-03	INSIDE HANDLE	1
9	6-5205-05	CAPSCREW 5/16 NC x 5/8 LG.	REF
10	6-6211-05	LOCKWASHER 5/16	REF
11	7-194-24	MACHINE SCREW 5/16 NC x 3/4 LG.	REF
12	6-6201-05	HEX NUT 5/16 NC	REF
13	6-5204-05	CAPSCREW 1/4 NC x 5/8 NC	6
14	6-6211-04	LOCKWASHER 1/4	6
15	6-6211-05	LOCKWASHER 5/16	2
16	7-194-33	MACHINE SCREW #10-24 x 3/4 LG. SS	2
17	7-194-34	HEX NUT #10-24 SS	2
18	7-194-35	LOCKWASHER #10 SS	2
19	-----	RUBBER WASHER (WITH ITEM 5)	2
20	-----	STEEL WASHER (WITH ITEM 5)	2
21	-----	COTTER PIN (WITH ITEM 5)	2



ITEM	NUMBER	DESCRIPTION	REQD
1	4-1118	ROTATING FORK FRAME	1
2	4-1117	PIVOT FRAME	1
3	4-1119	CYLINDER / ROTATE (SEE P4-1119A)	1
4	2-1067-10	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	6-5206-32	CAPSCREW 3/8 NC x 4 LG.	REF
17	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	1
18	6-6211-06	LOCKWASHER 3/8	1
19	6-6201-06	HEX NUT 3/8 NC	REF
20	6-6211-08	LOCKWASHER 1/2	REF
21	6-6201-08	HEX NUT 1/2 NC	REF
22	6-6303	LUBE FITTING 1/8 NPT x 45	3



(28) CYLINDER SEAL KIT

ITEM	NUMBER	DESCRIPTION	REQD
1	4-1120	TUBE WELDMENT	1
2	3-1015-09	ROD / PISTON	1
3	3-1014-125	HEAD	1
4	2-1018-5	PISTON	1
5	7-209-40	POLYPAK / PISTON	2
6	7-209-50	POLYPAK / ROD	1
7	7-209-43	ROD WIPER	1
8	7-209-20	O-RING / PISTON	1
9	7-209-09	PARBAK RING	1
10	7-209-41	O-RING / HEAD	1
11	7-209-42	PARBAK RING	1
12	7-262-03	WEAR RING 1.25 I.D.	1
13	6-6206-14	SELF-LOCKING NUT	1
14	6-6306-14	HEX HEAD BOLT	6
15	6-6204-06	HEX HI-NUT	6
16	6-1210-09	SPACER	1
17	6-4510-16	BRONZE BUSHING	1
18	6-4510-12	BRONZE BUSHING	1
19	6-6306	LUBE FITTING 1/4-28 STR.	1
20	6-6301	LUBE FITTING 1/8 NPT STR.	1
21	7-234-35	DUAL CHECK VALVE (SEE P3-1141A)	1
22	6-6492-02	FITTING / 06 OR x 06 TUBE STR	1
23	6-6501-20	TUBING 3/8 x 2 1/2 LG.	1
24	6-6493-02	FITTING / 06 OR x 06 TUBE 90	1
25	6-5605-20	CAPSCREW SH 5/16 NC x 2 1/2 LG.	2
26	6-6214-05	LOCKWASHER 5/16 HI-COLLAR	2
27	7-234-38	O-RING	1
28	7-900-05	SEAL KIT / CYLINDER	REF

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.

