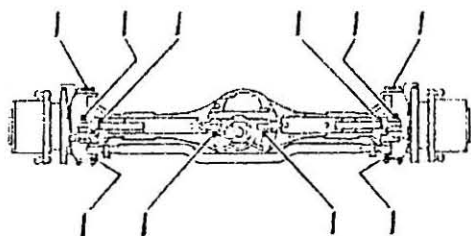


235739

SARAGA PRODUCTS, INC.

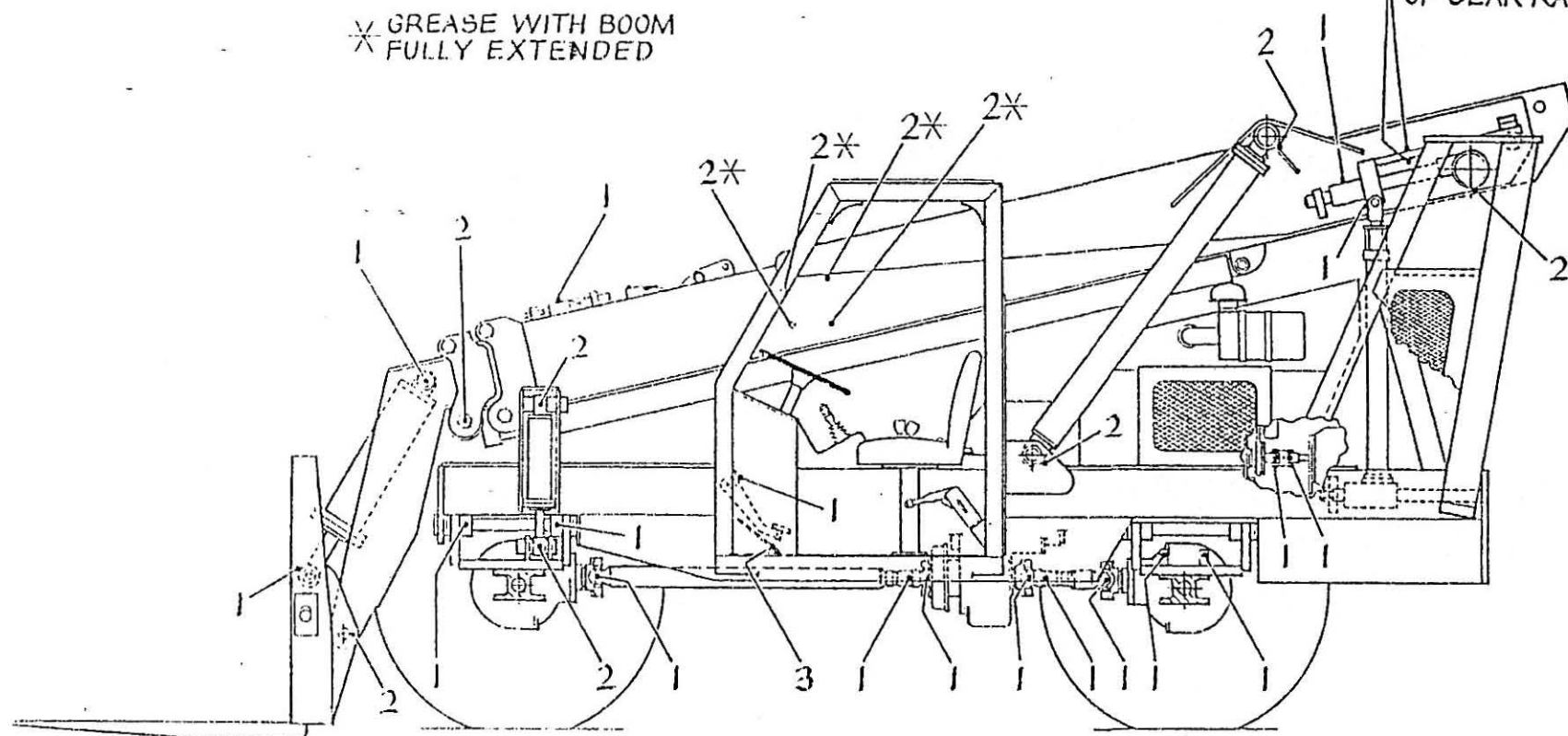
SS-836 PARTS BOOK
DATE 10-10-87

FRONT & REAR
AXLES TYPICAL



* GREASE WITH BOOM
FULLY EXTENDED

SMEAR GREASE
ON BOTH SIDES
OF GEAR RACK



P4-1100

DRAWING
NUMBER

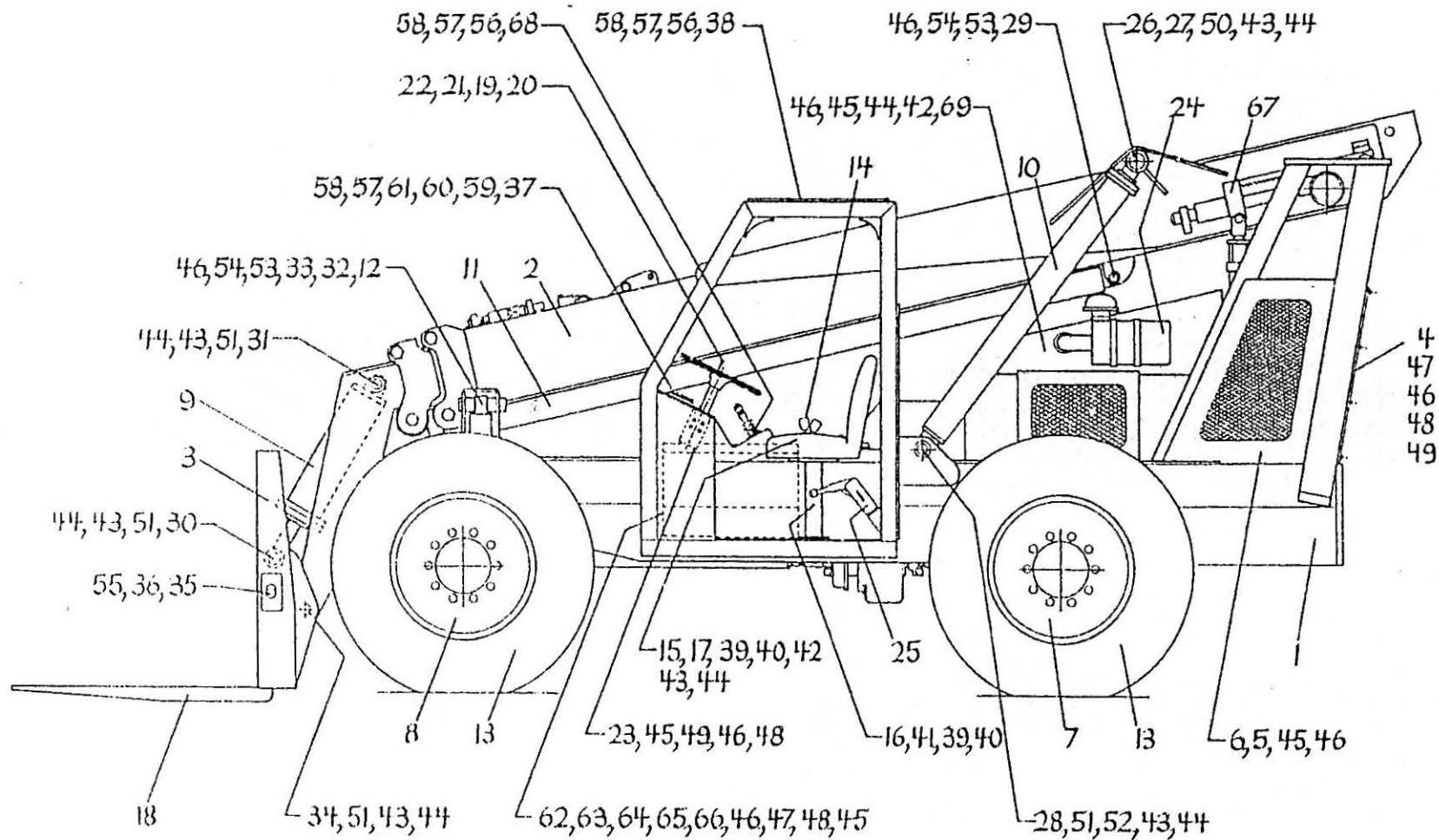
LUBE CHART

SHEET
NUMBER

PAGE	DESCRIPTION	DRAWING
	LUBE CHART	P4-1100
1	GENERAL ASSEMBLY	P4-1101
2	POWER TRAIN ASSEMBLY	P4-1102
3	BOOM ASSEMBLY	P4-1076
4	LIFT COPY ASSEMBLY	P4-1103
5	FOOT BRAKE ASSEMBLY	P4-1097
6	PARKING BRAKE ASSEMBLY	P1-1038
7	HAND BRAKE ASSEMBLY	P4-1112
8	TRANSMISSION CONTROL ASSEMBLY	P3-1105
9	ACCELERATOR ASSY / ENGINE	P1-1036
10	ACCELERATOR ASSY / PEDAL	P1-1037
11	ENGINE ENCLOSURE ASSEMBLY	P4-1111
12	EXHAUST ASSEMBLY	P4-1096
13	AIR CLEANER ASSEMBLY	P4-1095
14	PUMP DRIVE ASSEMBLY	
15	FRONT DRIVESHAFT ASSEMBLY	P1-1061
16	REAR DRIVESHAFT ASSEMBLY	P1-1062
17	WHEEL & TIRE ASSEMBLY	
18	WIRING DIAGRAM	P4-1082
19	INSTRUMENT PANEL ASSEMBLY	P4-1110
20	HYDRAULIC SCHEMATIC	P4-1114
21	CIRCUIT / PUMP-TANK	P4-1094
22	CIRCUIT / LIFT	P4-1093
23	CIRCUIT / BOOM	P4-1091
24	CIRCUIT / TILT	P4-1089
25	CIRCUIT / STEERING	P4-1083
26	CIRCUIT / 4-WAY CONTROLLER	P4-1115
27	CIRCUIT / AUTO CONTROLLER	P4-1090
28	CIRCUIT / SWAY	P4-1092
29	CIRCUIT / BRAKE	P4-1041
30	CIRCUIT / OIL COOLER	P4-1047
31	CIRCUIT / FUEL	P3-1103
32	LIFT CYLINDER ASSEMBLY	P4-1055
33	TILT CYLINDER ASSEMBLY	P4-1049
34	BOOM CYLINDER ASSEMBLY	P4-1057
35	SWAY CYLINDER ASSEMBLY	P4-1044
36	CONTROL BLOCK ASSEMBLY	P4-1099
37	LOGIC BLOCK ASSEMBLY	P4-1098
38	BY-PASS VALVE ASSEMBLY	P3-1099
39	MOTION VALVE ASSEMBLY	P3-1097
40	MOTION VALVE ASSEMBLY	P3-1098
41	MOTION VALVE ASSEMBLY	P3-1096
42	DUEL PILOT CHECK VALVE	P3-1100
43	STEERING ORBITRAL ASSEMBLY	P1-1039
44	SELECTOR VALVE ASSEMBLY	P3-1106
45	PRESSURE FILTER ASSEMBLY	P1-1059
46	RETURN FILTER ASSEMBLY	P1-1060
47	BRAKE VALVE ASSEMBLY	P1-1069
48	HYDRAULIC PUMP ASSEMBLY	P4-1123

DRAWING
NUMBER

SHEET
NUMBER



P4-1101

DRAWING
NUMBER

GENERAL ASSEMBLY / SS-836

SHEET
NUMBER

1A

ITEM	NUMBER	DESCRIPTION	QTY
1	4-1060	MAIN FRAME WELDMENT	1
2	4-1070	BOOM ASSEMBLY	1
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	3-1036-30	WHEEL ASSEMBLY / REAR	1
8	3-1036-30	WHEEL ASSEMBLY / FRONT	1
9	4-1049	CYLINDER / TILT (SEE P4-1049)	1
10	4-1058	CYLINDER / LIFT (SEE P4-1058)	1
11	4-1057	CYLINDER / BOOM (SEE P4-1057)	1
12	4-1044	CYLINDER / SWAY (SEE P4-1044)	1
13	7-163-01	TIRE 13.00 x 24	4
14	P3-1105	TRANSMISSION CONTROL ASSEMBLY	1
15	7-223-01	SEAT	1
16	3-1051	SEAT PEDESAL	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	1
24	P4-1095	AIR CLEANER ASSEMBLY	1
25	P1-1038	PARKING BRAKE ASSEMBLY	1
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	6-3312-58	PIN / HEAD SWAY CYLINDER	2
33	6-3312-70	PIN / BASE SWAY CYLINDER	2
34	6-3316-168	PIN / FORK FRAME	1
35	6-3702-01	PIN / FORK TINE	1
36	7-280-01	WASHER / FORK TINE PIN	2
37	3-1083	GAGE PANEL	1
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	6-5208-06	CAPSCREW 1/2 NC x 3/4 LG.	6
43	6-6201-08	HEX NUT 1/2 NC	9
44	6-6211-08	LOCKWASHER 1/2	13
45	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	21
46	6-6211-06	LOCKWASHER 3/8	42
47	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	12
48	6-6212-06	FLATWASHER 3/8	24
49	6-5206-12	CAPSCREW 3/8 NC x 1 1/2 LG.	4
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	5

DRAWING
NUMBER

P4-1101

GENERAL ASSEMBLY / SS-836

SHEET
NUMBER 1B

ITEM	NUMBER	DESCRIPTION	QTY.
55	6-8249-24	BUTTON PIN 3/8 x 3 LG.	1
56	6-8204-06	CAPSCREW 1/4 NC x 1 LG.	20
57	6-8211-04	LOCKWASHER 1/4	22
58	6-8201-04	HEX NUT 1/4 NC	22
59	2-1082	GAGE COVER	1
60	6-8204-08	CAPSCREW 1/4 NC x 3/4 LG.	2
61	6-8204-14	CAPSCREW 1/4 NC x 1 3/4 LG.	2
62	4-1080	FUEL TANK / BATTERY BOX	1
63	1-1023	RUBBER PAD / BATTERY BOX	1
64	2-1083	FOAM PAD / BATTERY BOX	1
65	7-194-09	BROMMET / BATTERY BOX	2
66	7-264-01	FILLER CAP / FUEL	1
67	P4-1103	LIFT COPY ASSEMBLY	1
68	7-200-02	CONTROLLER / 4 WAY	1
69	P4-1111	ENGINE ENCLOSURE ASSEMBLY	1
70	6-8208-12	CAPSCREW 3/8 NC x 1 1/2 LG.	2

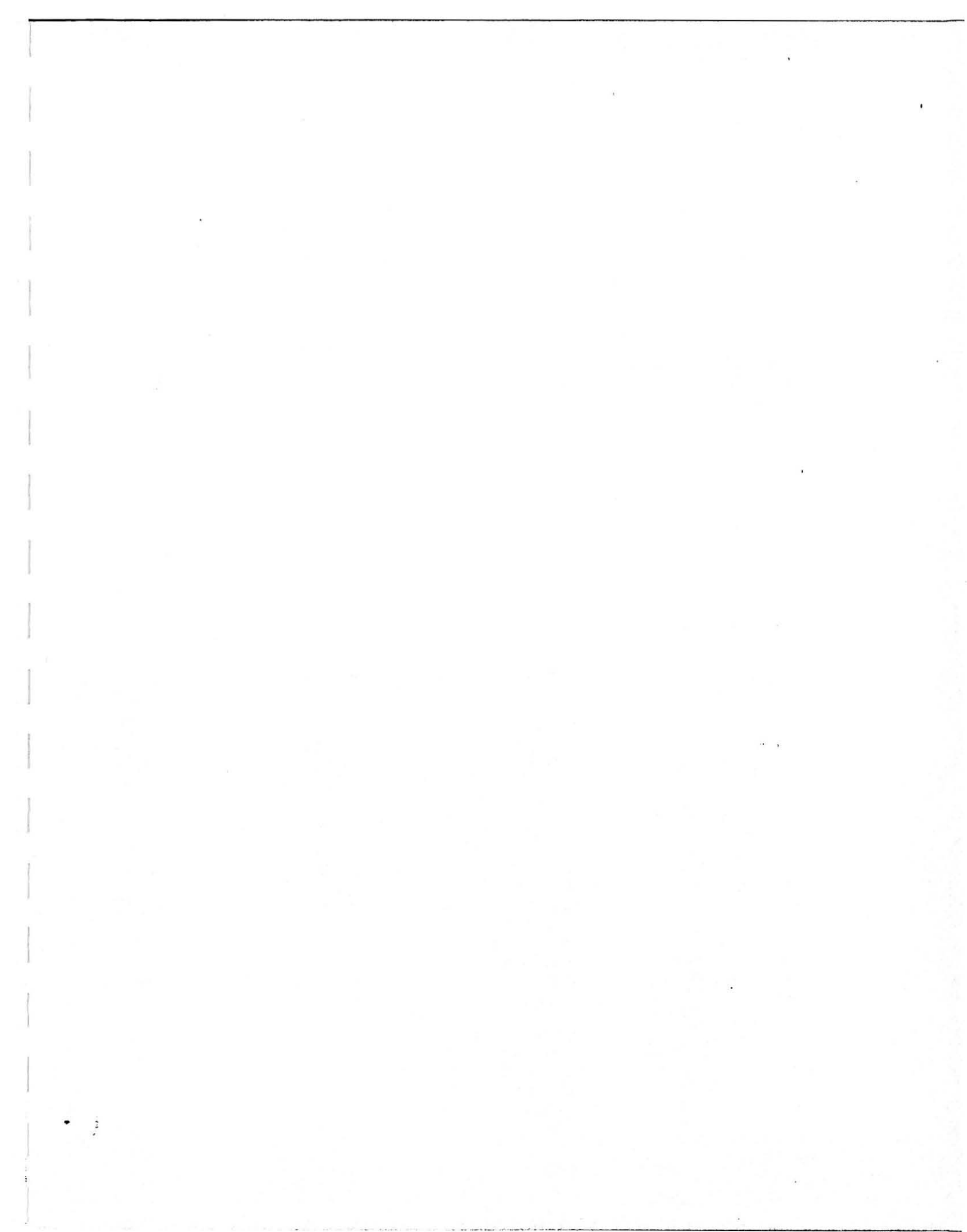
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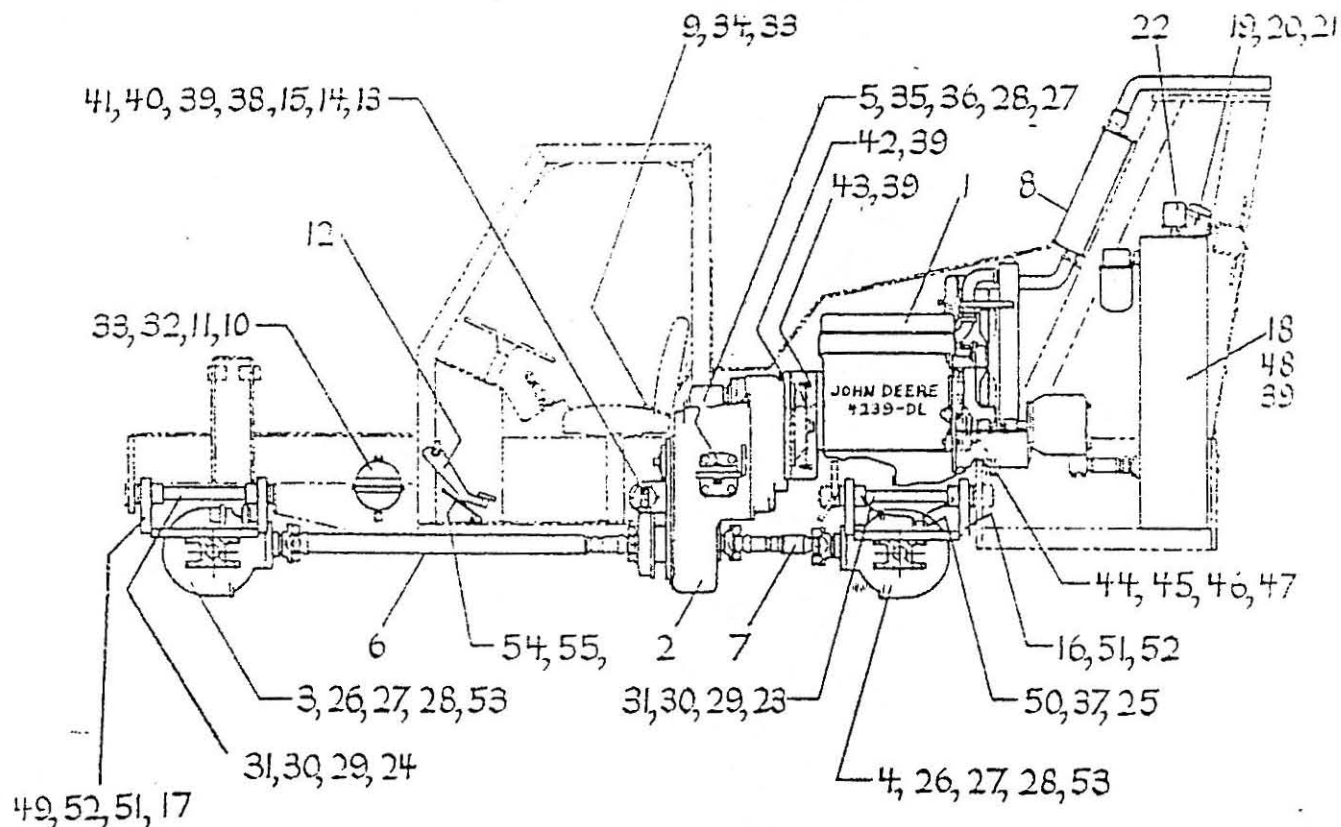
SHEET
NUMBER

GENERAL ASSEMBLY / 85-836

DRAWING
NUMBER

P4-1101





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-D	DRIVESHAFT ASSEMBLY / FRONT	1
7	3-1017-056-C	DRIVESHAFT ASSEMBLY / REAR	1
8	P4-1096	EXHAUST ASSEMBLY	1
9	7-217-01	STEERING SELECTOR VALVE	1
10	7-105-01	ACCUMULATOR / BRAKE	1
11	3-1053-2	CLAMP / ACCUMULATOR	1
12	P4-1043	FOOT BRAKE ASSEMBLY	1
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	7-253-01	BREATHER / RESERVOIR	1
23	6-3316-230	PIN / REAR CRADLE	1
24	6-3316-222	PIN / FRONT CRADLE	1
25		FITTING / 04 JIC * 02 NPT	2
26	6-5312-60	CAPSCREW 3/4 NF x 7 1/2 LG.	16

2A

SHEET
NUMBER

POWER TRAIN ASSY / SS-B36

DRAWING
NUMBER

P4-1102

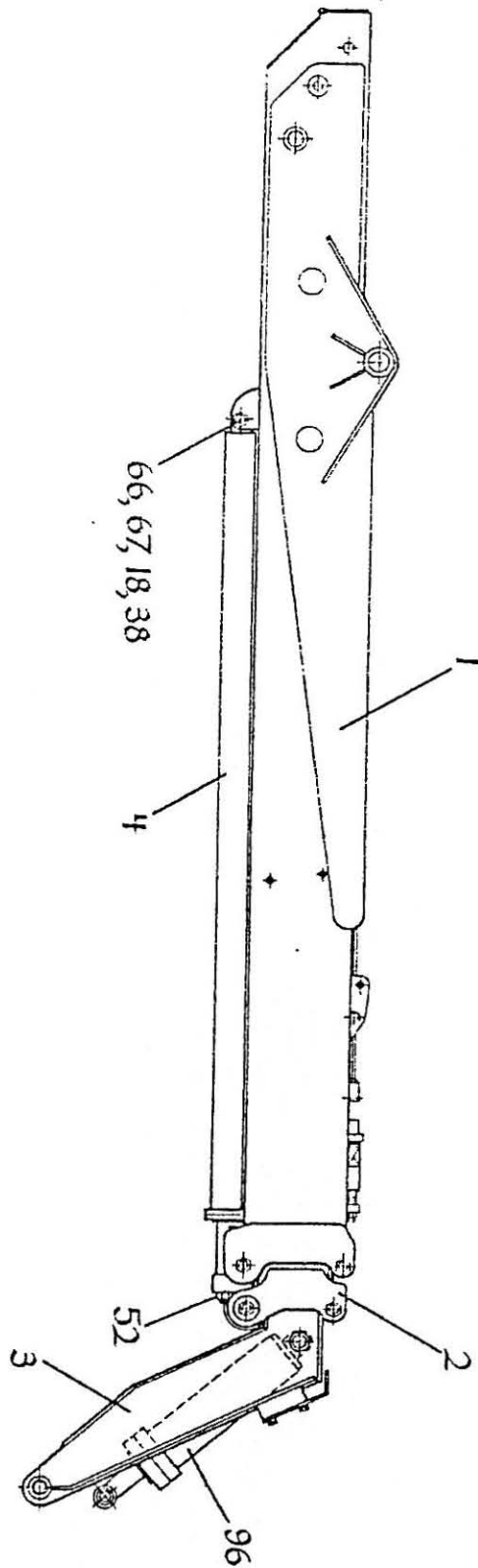
ITEM	NUMBER	DESCRIPTION	REQD
27	6-6202-12	HEX NUT 3/4 NF	18
28	6-6211-12	LOCKWASHER 3/4	26
29	6-5208-36	CAPSCREW 1/2 NC x 4 1/2 LG.	2
30	6-6201-08	HEX NUT 1/2 NC	3
31	6-6211-08	LOCKWASHER 1/2	2
32	6-6201-05	HEX NUT 5/16 NC	2
33	6-6211-05	LOCKWASHER 5/16	6
34	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	4
35	6-5212-16	CAPSCREW 3/4 NC x 2 LG.	8
36	6-5312-24	CAPSCREW 3/4 NF x 3 LG.	2
37	6-6302	LUBE FITTING 1/8 NPT x 90	2
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.	1
49	6-6301	LUBE FITTING 1/8 NPT STR.	2
50		HOSE / GREASE	2
51	6-4616-01	BRONZE BUSHING	4
52	7-273-09	CLAMP ASSY / SINGLE 1/4 HOSE	4
53	1-1025	CLAMP 1/4 HOSE	4
54	P1-1032	ACCELERATOR ASSY / PEDAL END	1
55	P1-1036	ACCELERATOR ASSY / ENGINE END	1

DRAWING
NUMBER

P4-1102

POWER TRAIN ASSY / SS-836

SHEET
NUMBER 2B



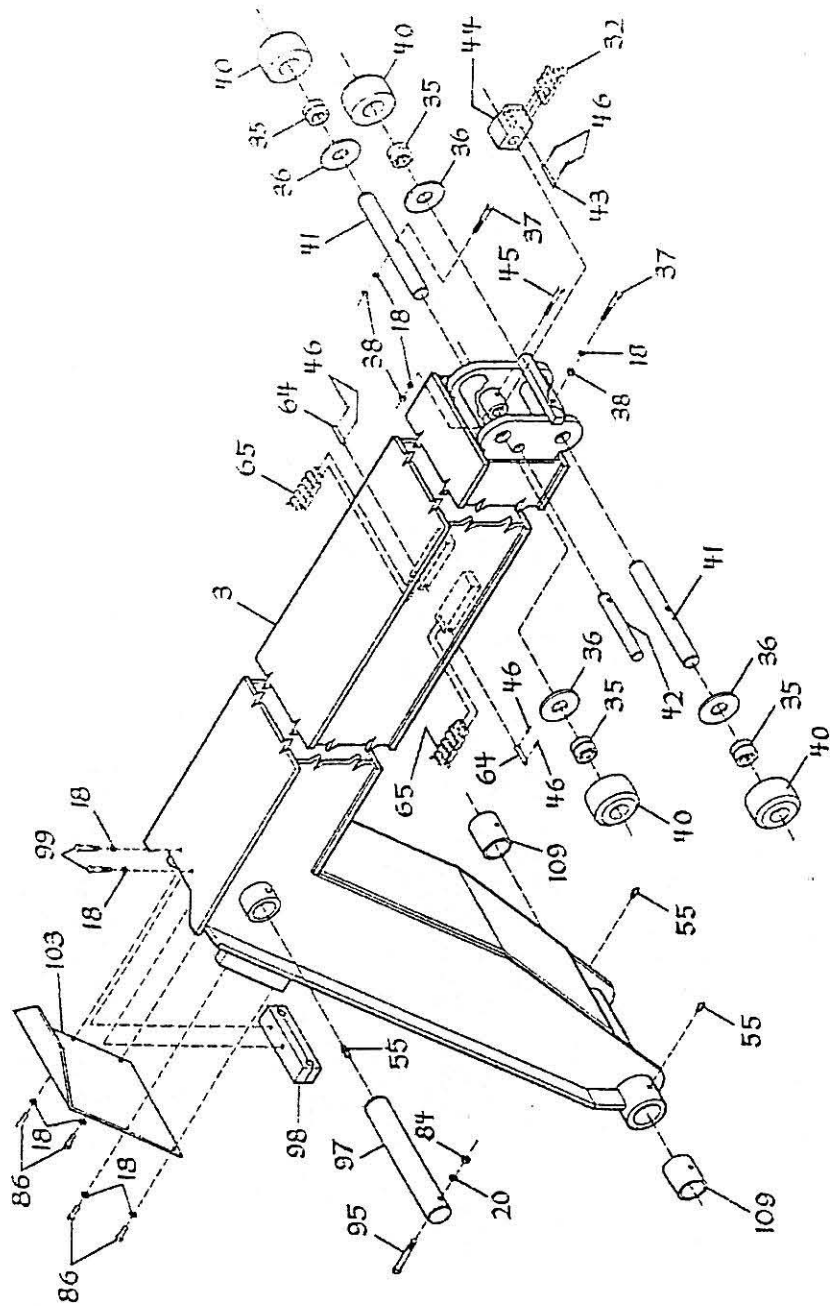
3A

SHEET
NUMBER

BOOM ASSEMBLY / SS-B36

DRAWING
NUMBER

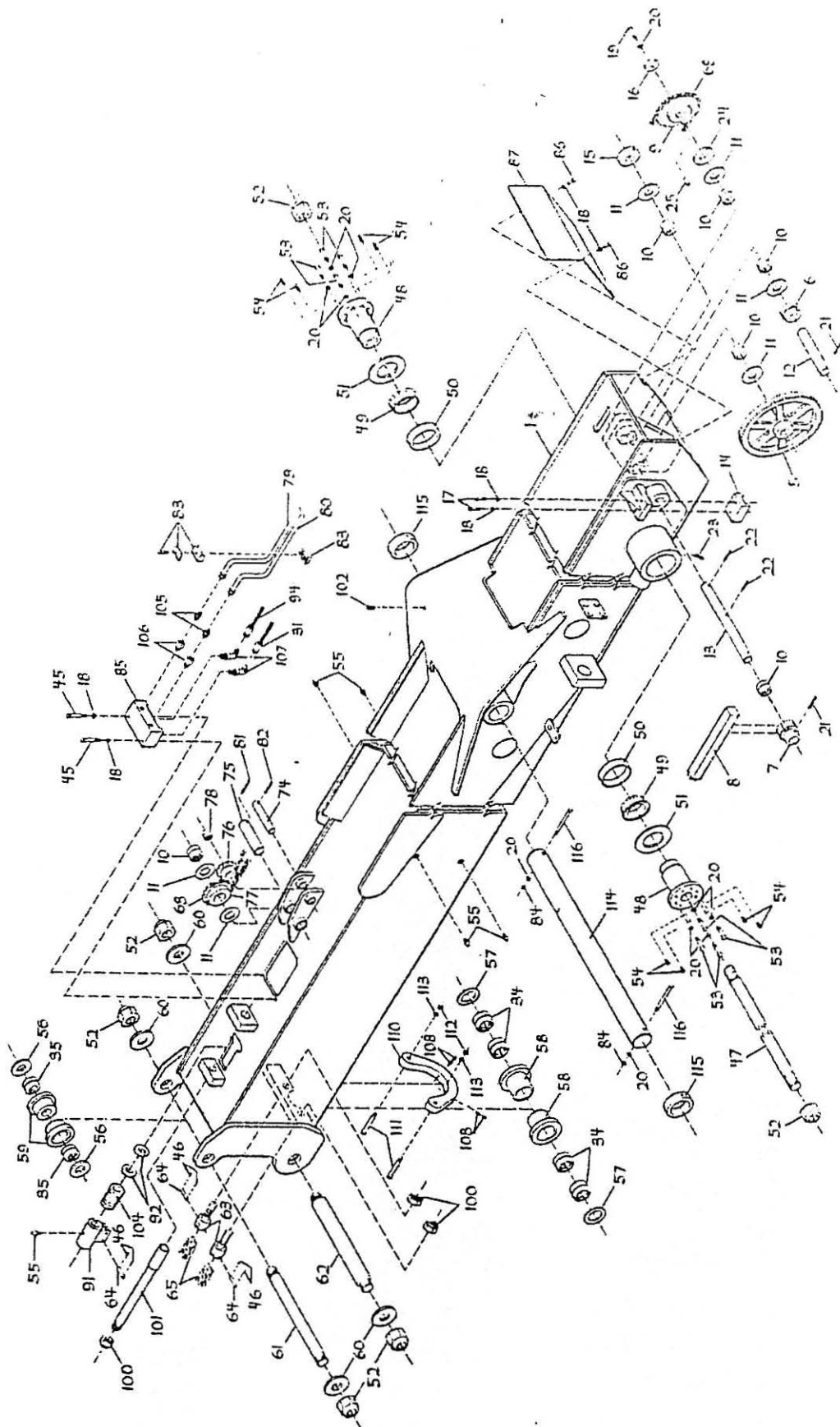
P4-1076



DRAWING
NUMBER P4-1121

SMALL BOOM SECTION / SS-836

SHEET
NUMBER 3B



DRAWING
NUMBER

P5-1002

LARGE BOOM SECTION / SS-836

SHEET
NUMBER 3D

ITEM	NUMBER	DESCRIPTION	QTY
1	5-1000	LARGE BOOM WELDMENT	1
2	4-1067	MIDDLE BOOM WELDMENT	1
3	4-1066	SMALL BOOM WELDMENT	1
4	4-1057	BOOM CYLINDER	1
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	1
9	4-1079-1	SPROCKET / 27 TEETH	1
10	7-193-04	NEEDLE BEARING 1 1/4 ID	2
11	6-6600-01	THRUST WASHER 1/8 x 3 OD	2
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	17
19	6-5308-12	CAPSCREW 1/2 NF x 1 1/2 LG.	1
20	6-6211-08	LOCKWASHER 1/2	12
21	6-6238-18	ROLL PIN 3/8 x 2 1/4 LG.	2
22	6-6238-14	ROLL PIN 3/8 x 1 3/4 LG.	3
23	6-6303	LUBE FITTING 1/8 NPT x 45	2
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 08 x 08 x 345 LG.	1
32	1-1013	LEAF CHAIN / 666	1
33	6-6600-05	THRUST WASHER 3/16 x 4 OD	6
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	5
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.	3

ITEM	NUMBER	DESCRIPTION	QTY
55	6-8301	LUDE FITTING 1/8 NPT ST.	1
56	6-8800-02	THRUST WASHER 3/16 x 3 OD	2
57	6-8800-01	THRUST WASHER 3/16 x 3 OD	2
58	4-1074-3	ROLLER / BOTTOM-FRONT-LARGE	1
59	4-1074-4	ROLLER / TOP-FRONT-LARGE-MIDDLE	2
60	6-6215-24	FLAT WASHER 1 1/2 ID	2
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	1
65	1-1012	LEAF CHAIN / 646	1
66	6-3312-41	PIN / BASE BOOM CYLINDER	1
67	6-5206-22	CAPSCREW 3/8 NC x 2 3/4 LG.	1
68	1-1011	ROLLER CHAIN / 60	1
69	7-193-02	NEEDLE BEARING / 2 ID	2
70	4-1074-2	ROLLER / BOTTOM-FRONT-MIDDLE	2
71	4-1074-7	CHAIN SHEAVE / 646	1
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	3-1061	TUBING / FORMED - RH	1
80	3-1062	TUBING / FORMED - LH	1
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	7-273-04	CLAMP / 5/8 TUBE / DOUBLE	3
84	6-6201-08	HEX NUT 1/2 NC	3
85	2-1051	MANIFOLD BLOCK	1
86	6-5206-02	CAPSCREW 3/8 NC x 3/4 LG.	2
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	2
91	3-1037-2	CHAIN ANCHOR / 666	1
92	1-1031	SPACER	2
93	6-6208-10	JAM NUT 5/8 NF	1
94	6-7024-642	HOSE / 08 x 08-90 x 321 LG.	1
95	6-5208-30	CAPSCREW 1/2 NC x 3 3/4 LG.	1
96	4-1049	TILT CYLINDER ASSEMBLY	1
97	3-1054-1	PIN / BASE TILT CYLINDER	1
98	2-1050	CLAMP / 1/2 HOSE	1
99	6-5306-20	CAPSCREW 3/8 NC x 2 1/4 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	6-6492-04	FITTING / 10 TUBE x 10 OR x STR.	2
106	6-6456-06	FITTING / 10 OR x 08 OR x RED.	2
107	6-6453-09	FITTING / 08 OR x 08 JIC x 90	2
108	6-6275-04	SETSCREW 3/8 NC x 3/4 LG.	4

DRAWING
NUMBER

P4-1076

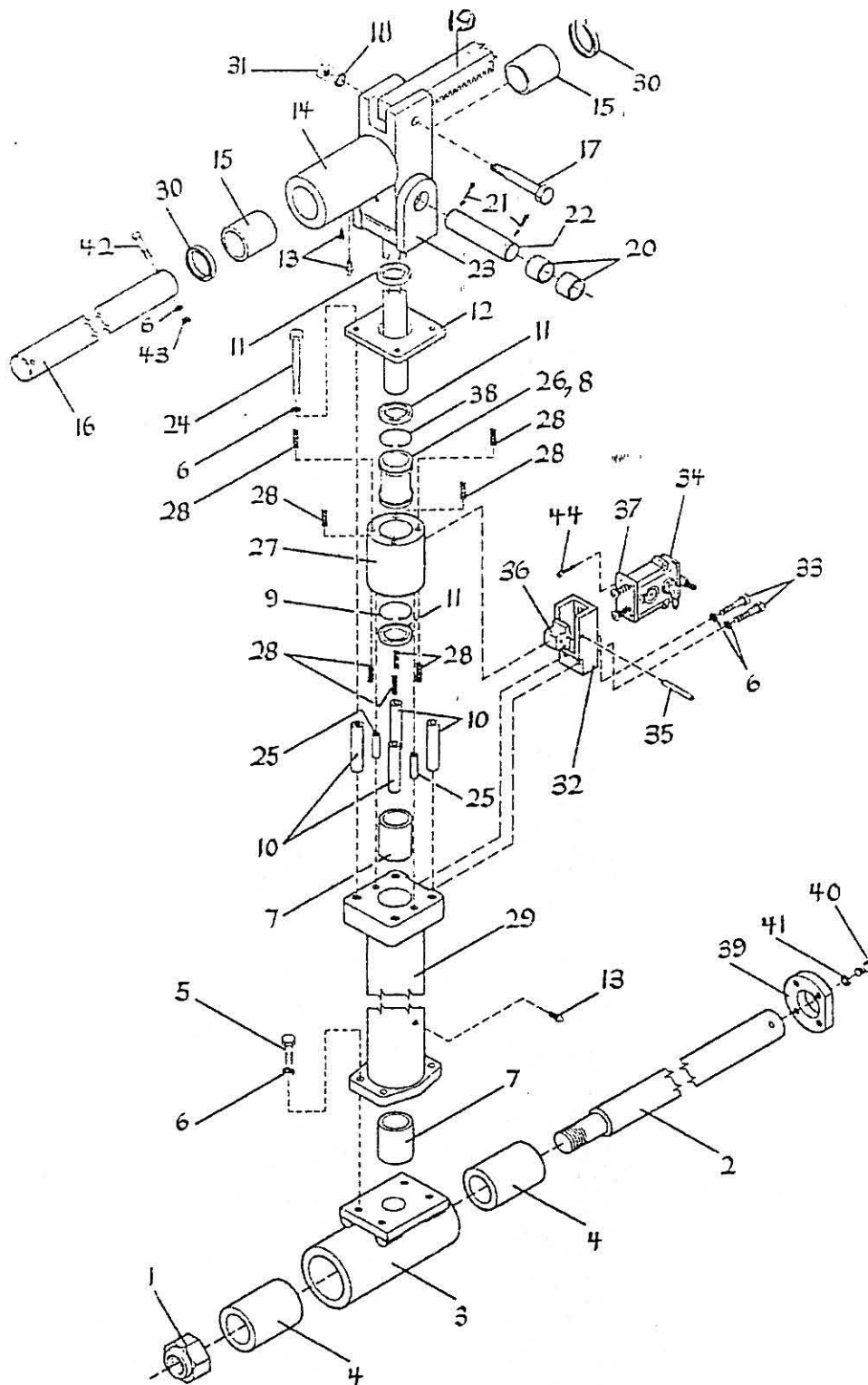
BILL OF MATERIAL / BOOM ASSEMBLY

SHEET
NUMBER

37

ITEM	NUMBER	DESCRIPTION	QTY
109	6-4516-24	BRONZE BUSHING	2
110	3-1088-1	SUPPORT / BOOM CYLINDER	1
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	1
115	6-2324-10	COLLAR	2
116	6-5208-38	CAPSCREW 1/2 NC x 5 LG.	2

36	SHEET NUMBER	BILL OF MATERIAL / BOOM ASSEMBLY	DRAWING NUMBER	P4-1076
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4A

SHEET
NUMBER

LIFT COPY ASSEMBLY / SS-836

DRAWING
NUMBER

F4-1103

ITEM	NUMBER	DESCRIPTION	QTY
1	6-6206-24	SELF LOCKING 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	6
12	3-1078	COVER PLATE	1
13	6-6301	LUBE FITTING 1/8 NPT STR.	6
14	4-1071	UPPER SLIDE	2
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	CUTTER 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	6-5206-14	CAPSCREW 3/8 NC x 1 3/4 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		SPACER PLATE	1
38	7-239-01	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	6-5206-28	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 x 20 MM LG.	4

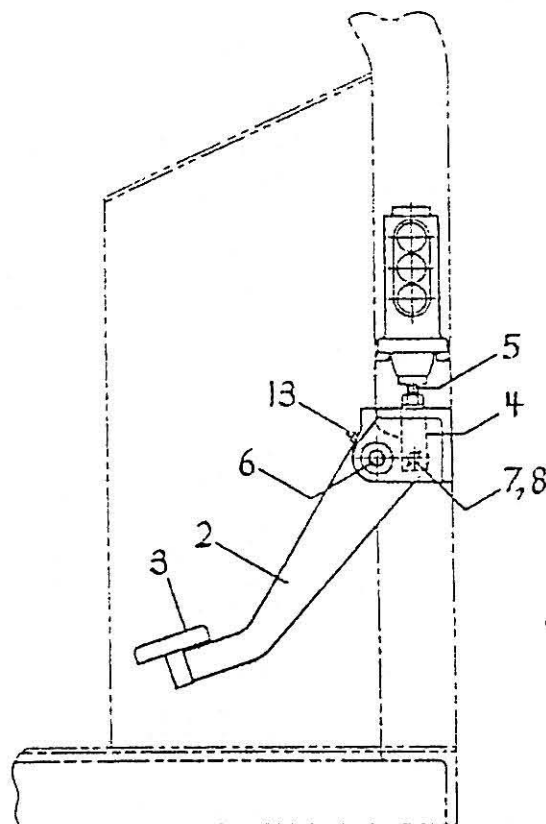
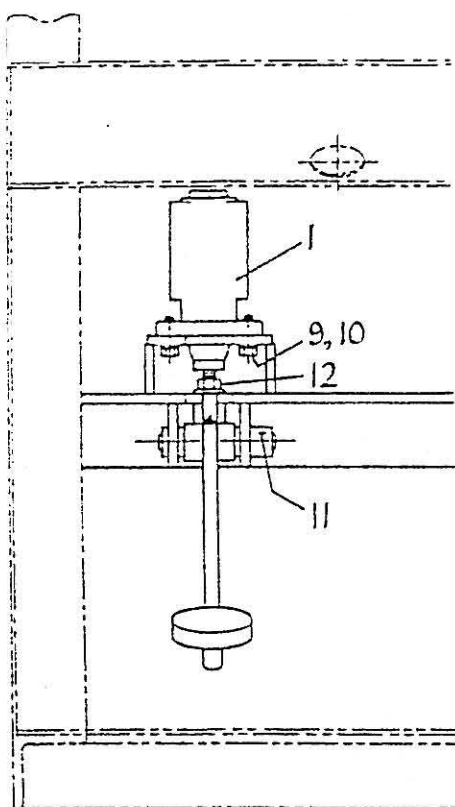
DRAWING
NUMBER

P4-1103

LIFT COPY ASSY SS-836

SHEET
NUMBER

4B



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

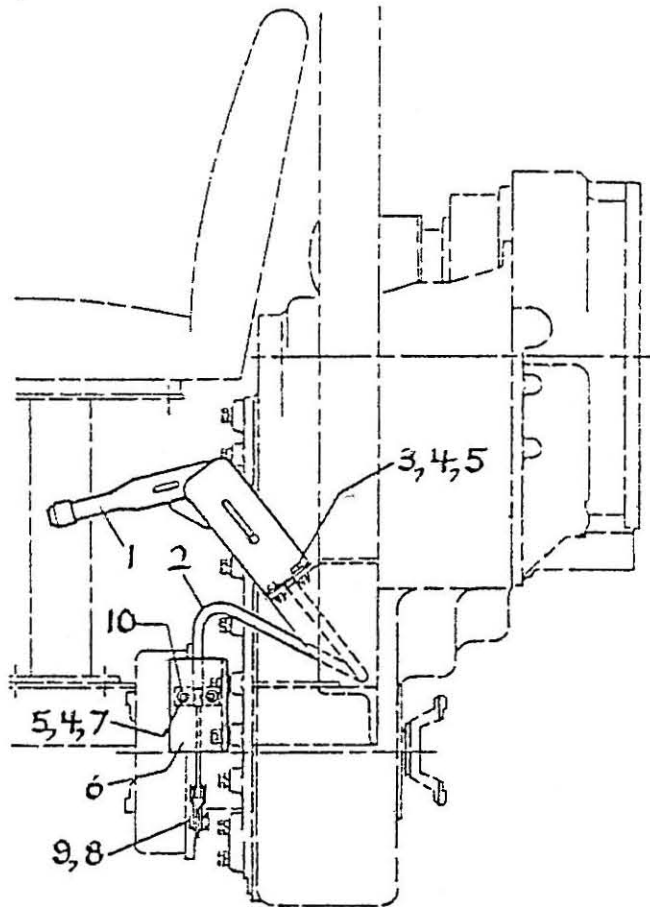
5A

SHEET
NUMBER

FOOT BRAKE ASSEMBLY / SS-836

DRAWING
NUMBER

P4-1097



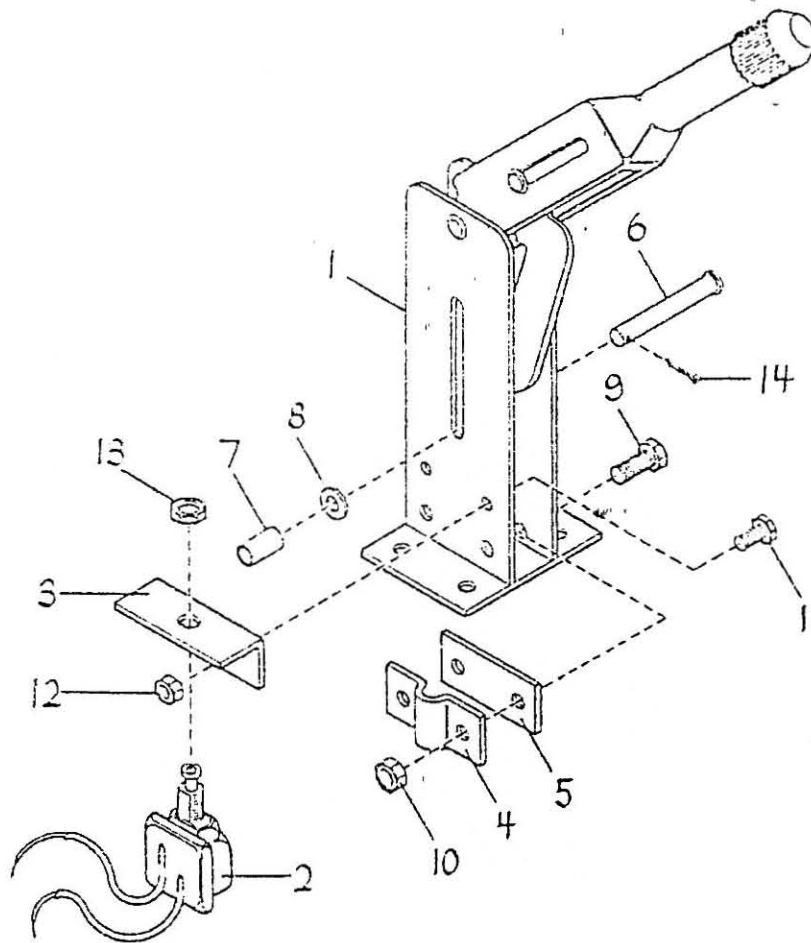
ITEM	NUMBER	DESCRIPTION	QTY
1	3-1107	HAND BRAKE ASSY (SEE PAGE 19)	1
2	7-208-01	CABLE / PARKING BRAKE	1
3	6-5205-06	CAPSCREW 5/16 NC * 3/4 LG.	4
4	6-6211-05	LOCKWASHER 5/16	6
5	6-6201-05	HEX NUT 5/16 NC	6
6	2-1053	MOUNT / BRAKE CABLE	1
7	6-5205-08	CAPSCREW 5/16 NC * 1 LG.	2
8	6-6259-06	CLEVIS PIN 3/8 * 3/4 LG.	1
9	6-6245-08	COTTER PIN 5/32 * 1 LG.	1
10	7-208-02	CLIP / CABLE MOUNTING	1

DRAWING
NUMBER

P1-1038

PARKING BRAKE ASSY / SS-835

SHEET
NUMBER 6A



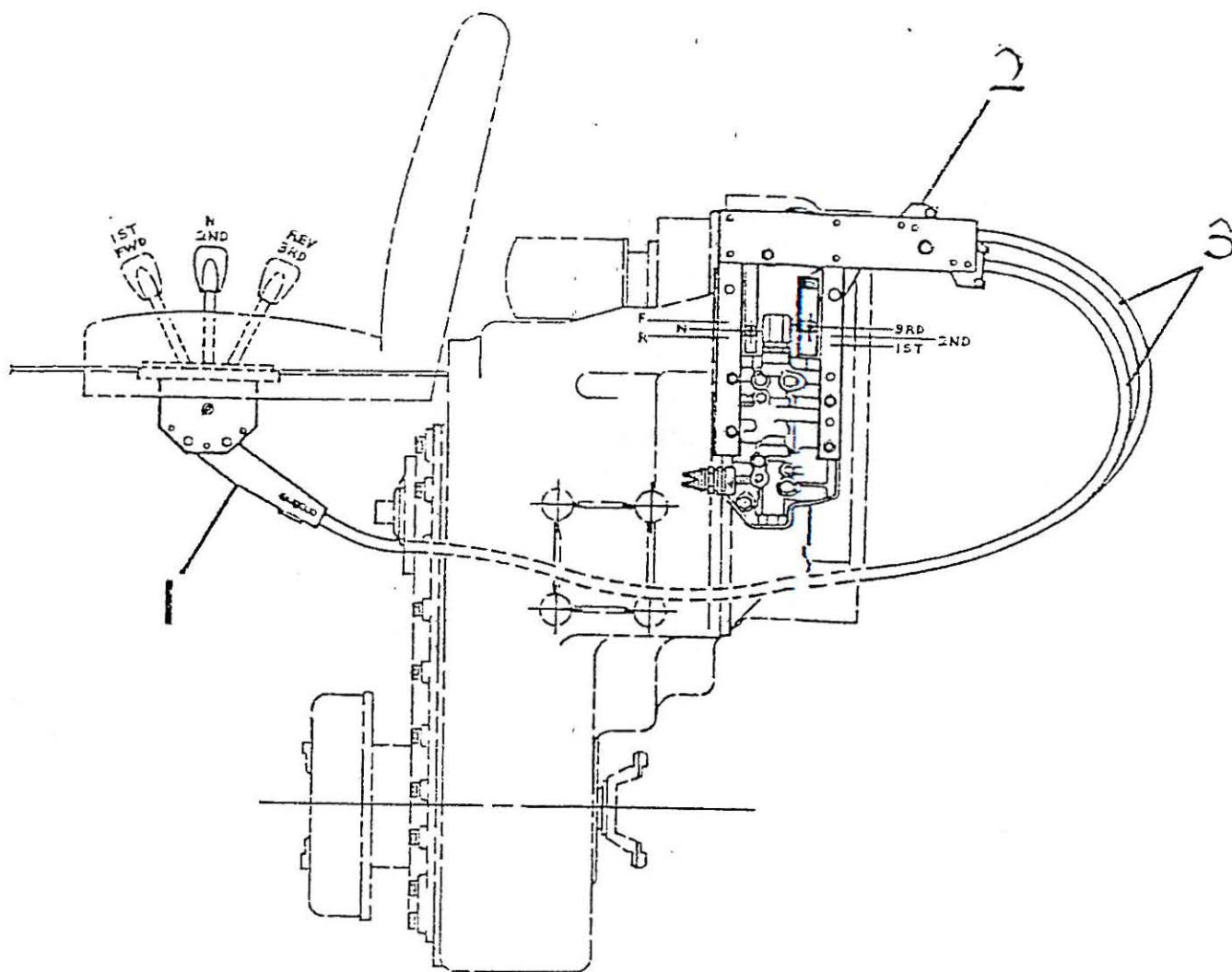
7A

SHEET
NUMBER

HAND BRAKE ASSEMBLY

DRAWING
NUMBER

F4-1112



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

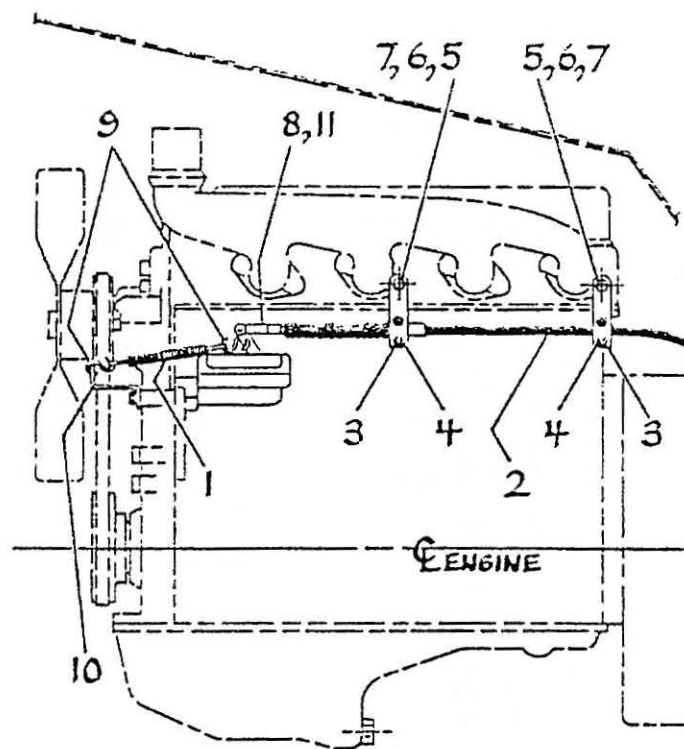
DRAWING
NUMBER

P3-1105

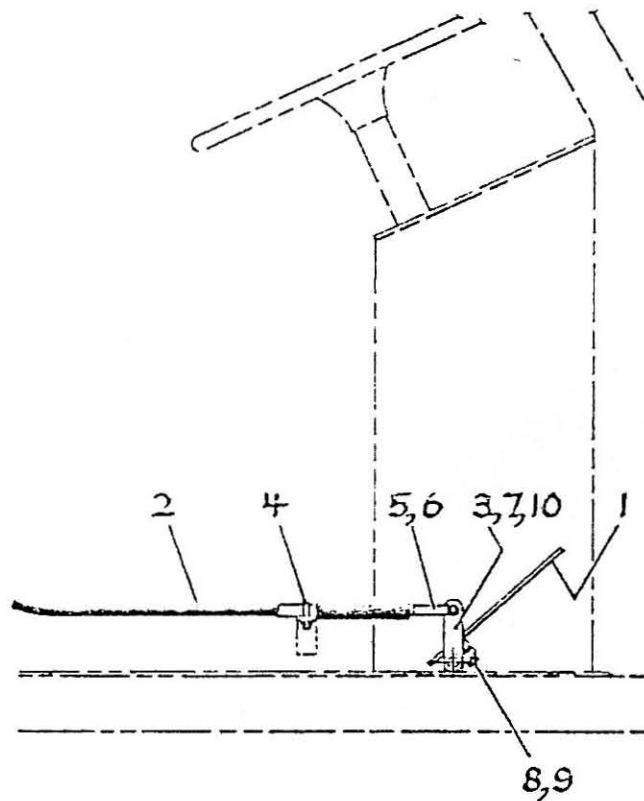
TRANSMISSION CONTROL ASSEMBLY

SHEET
NUMBER

BA



ITEM	NUMBER	DESCRIPTION	REQD
1	7-194-17	SPRING / RETURN	1
2	7-266-02	CABLE / ACCELERATOR	1
3	1-1018	MOUNT / ACCELERATOR CABLE	2
4	7-194-07	U-BOLT W/ NUTS	2
5	6-5206-18	CAPSCREW 3/8 NC * 2 1/4 LG.	2
6	6-6211-06	LOCKWASHER 3/8	2
7	1-1029	SPACER	2
8	7-194-05	YOKER 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	1



ITEM	NUMBER	DESCRIPTION	QTY	REQD
1	3-1080	PEDAL / ACCELERATOR	1	
2	7-268-02	CABLE / ACCELERATOR	1	
3	3-1081	LINKAGE / ACCELERATOR	1	
4	7-194-07	U-BOLT W/ NUTS	1	
5	7-194-05	YOKER W/ CLEVIS PIN & COTTER PIN	1	
6	6-6208-04	JAM NUT 1/4-28 W/ CABLE	1	
7	6-6306	LUBE FITTING / 1/4-28 STR.	1	
8	6-5204-06	CAPSCREW 1/4 NC X 3/4 LG.	1	
9	6-6211-04	LOCKWASHER 1/4	1	
10	7-194-06	SHIM / AS REQD	1	

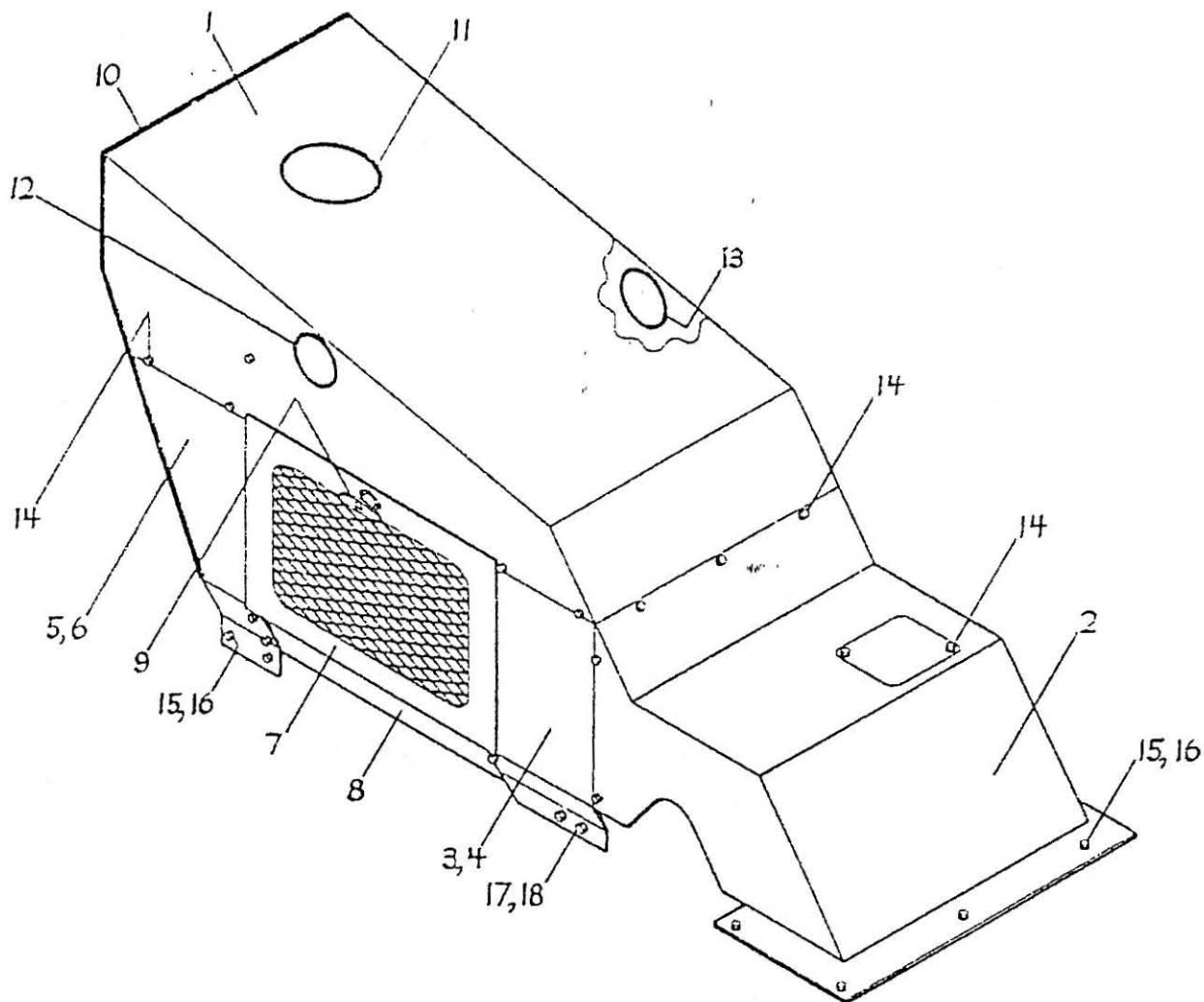
DRAWING
NUMBER

P1-1037

ACCELERATOR ASSY PEDAL / SS-836

SHEET
NUMBER

10A



ITEM	NUMBER	DESCRIPTION	QTY
1	7-271-01	HOOD	1
2	7-271-02	COVER / TRANSMISSION	1
3	7-271-03	SIDE PANEL / FRONT RIGHT	1
4	7-271-02	SIDE PANEL / FRONT LEFT	1
5	7-271-05	SIDE PANEL / REAR RIGHT	1
6	7-271-04	SIDE PANEL / REAR LEFT	1
7	7-271-08	SIDE SCREEN	2
8	7-271-07	ROCKER PANEL	2
9	7-271-09	HANDLE / LOCKING	2
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.	23
15	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	8
16	6-6211-06	LOCKWASHER 3/8	8
17	6-5208-06	CAPSCREW 1/2 NC x 3/4 LG.	4
18	6-6211-08	LOCKWASHER 1/2	4

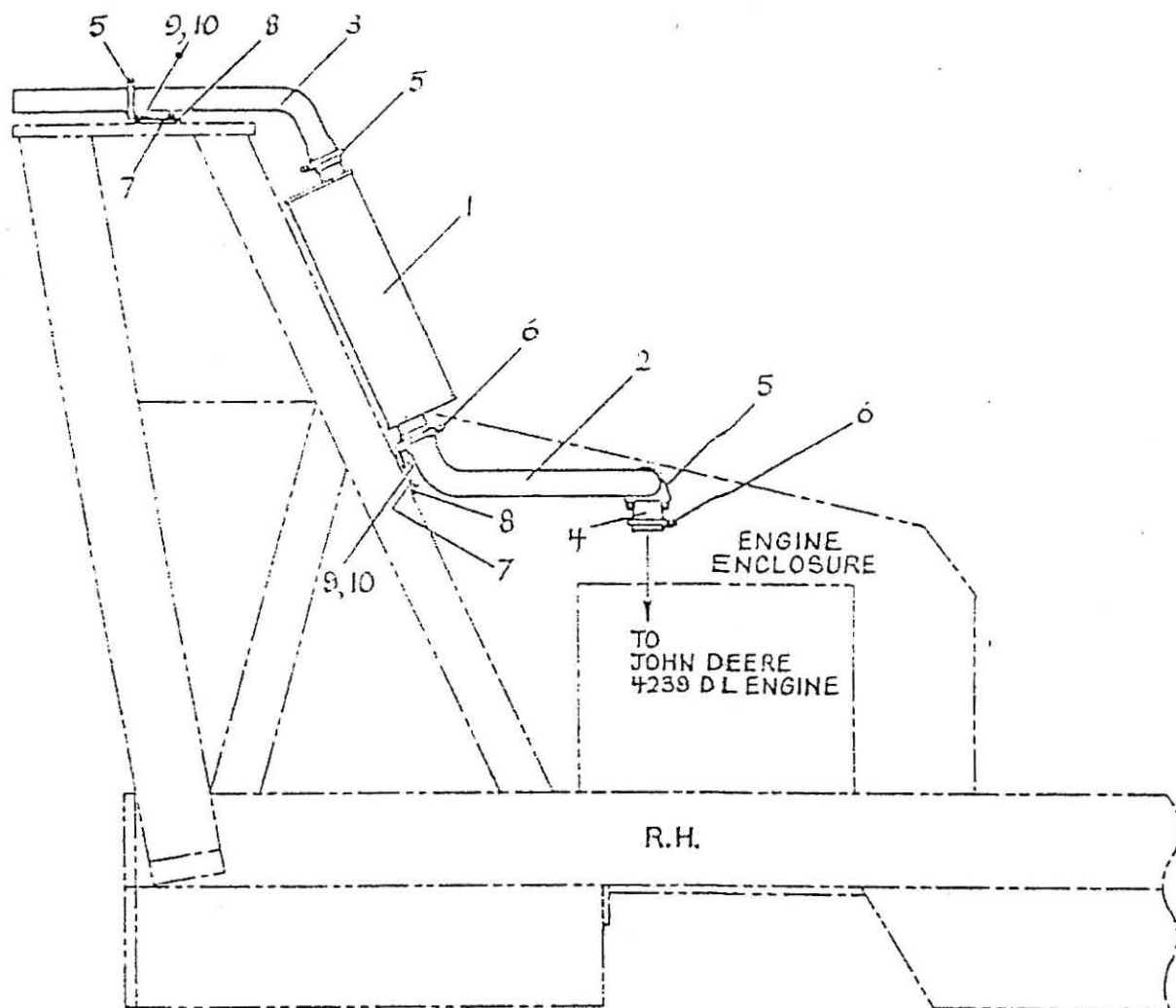
11A

SHEET
NUMBER

ENGINE ENCLOSURE ASSY / SS-B36

DRAWING
NUMBER

P4-1111



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	6-6211-06	LOCKWASHER 3/8	4

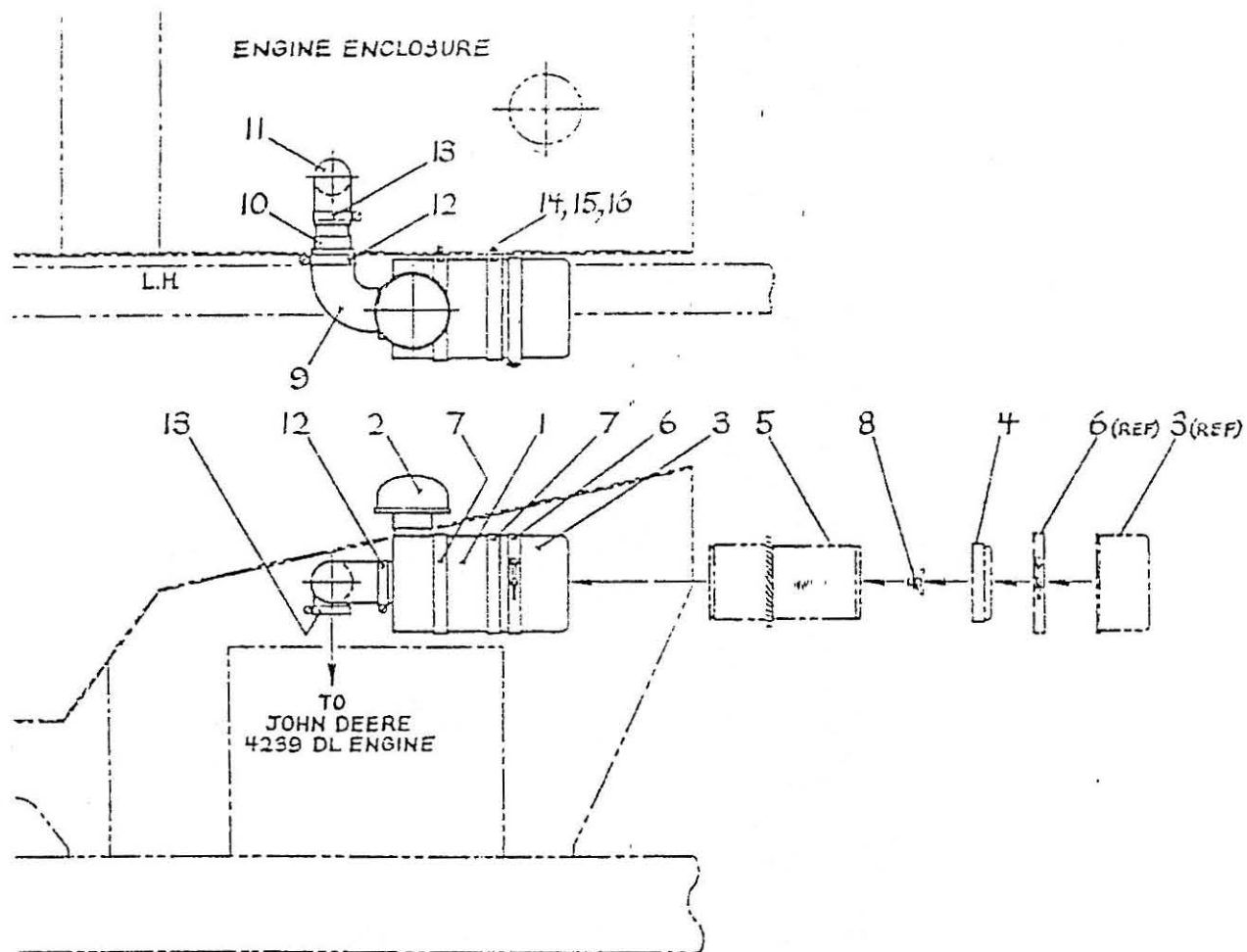
DRAWING
NUMBER

P4-1096

EXHAUST ASSEMBLY / SS-R36

SHEET
NUMBER

12A



ITEM	NUMBER	DESCRIPTION	QTY
1	7-135-01	AIR CLEANER ASSEMBLY	1
2	7-135-03	HOOD	1
3	7-135-10	CUP ASSEMBLY	1
4	7-135-09	SHAFFLE ASSEMBLY	1
5	7-135-07	ELEMENT ASSEMBLY	1
6	7-135-08	CLAMP ASSEMBLY / BODY	1
7	7-135-02	MOUNTING BAND	2
8	7-135-11	THUMB SCREW	1
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	6-6252-11	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

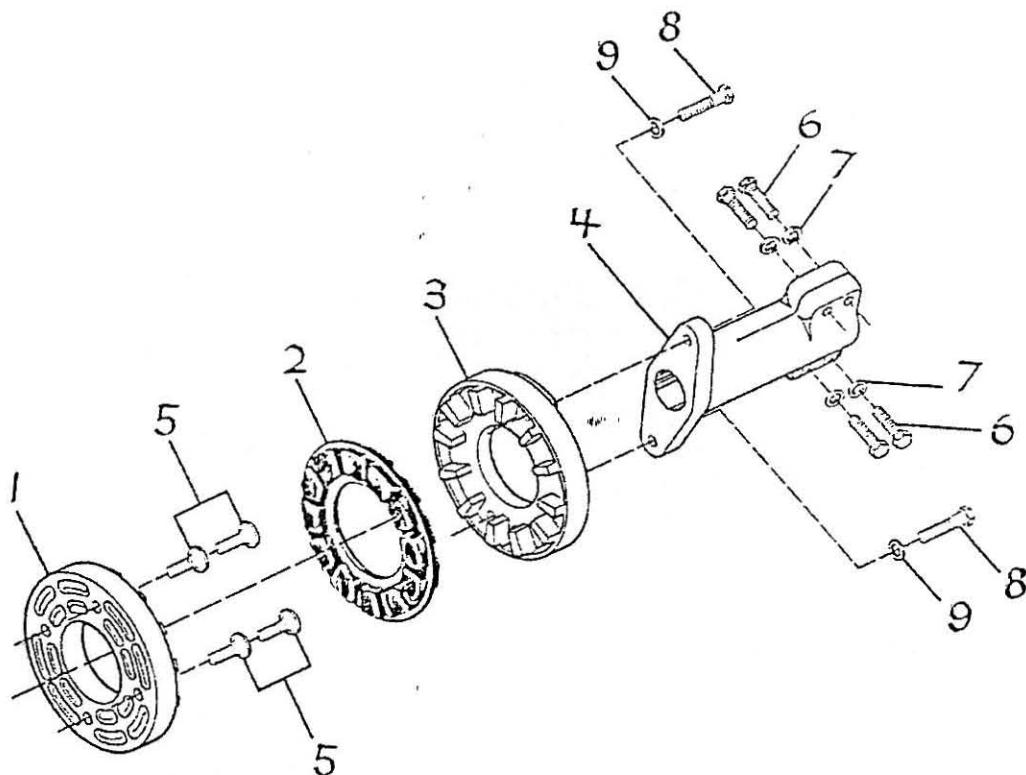
13A

SHEET
NUMBER

AIR CLEANER ASSY / SS-836

DRAWING
NUMBER

PA-1095

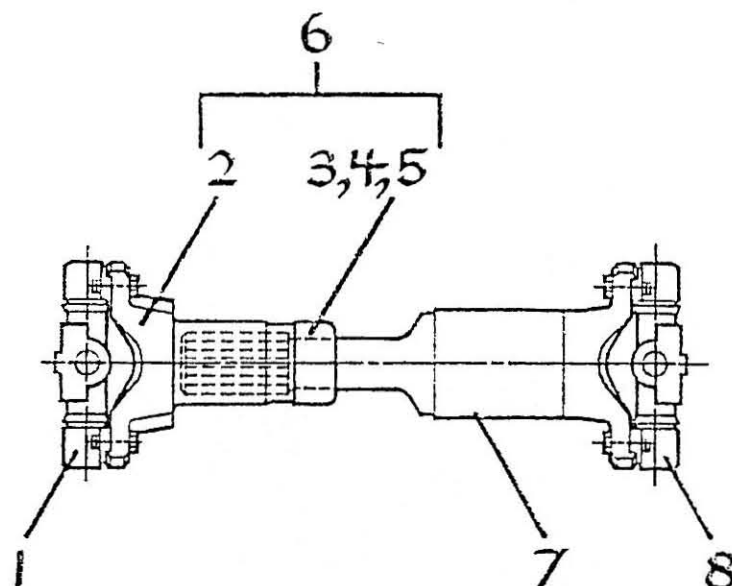


ITEM	NUMBER	DESCRIPTION	RECD
1	7-183-04	COUPLING / ENGINE SIDE	1
2	7-183-02	CUSHION	1
3	7-183-03	COUPLING / PUMP SIDE	1
4	7-183-15	DRIVE SHAFT	1
5	7-183-16	SCREW	4
6	6-5206-12	CAPSCREW 3/8 NC * 1 1/2 LG.	4
7	6-6211-06	LOCKWASHER 3/8	4
8	6-5206-12	CAPSCREW 3/8 NC * 1 1/2 LG.	2
9	6-6211-06	LOCKWASHER 3/8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

DRAWING
NUMBER P3-1113

PUMP DRIVE ASSEMBLY / SS-B36

SHEET
NUMBER 14A



ITEM	NUMBER	DESCRIPTION	QTY
1	7-196-2	CROSS & BEARING ASSEMBLY	1
2	7-196-6	SLIP YOKE	1
3	7-196-7	RETAINING CAP	1
4	7-196-8	RETAINING WASHER	1
5	7-196-9	FELT WASHER	1
6	7-196-5	SLIP YOKE ASSEMBLY	1
7	3-1017-229-W	TUBE WELDMENT	1
8	7-196-1	CROSS & BEARING ASSEMBLY	1

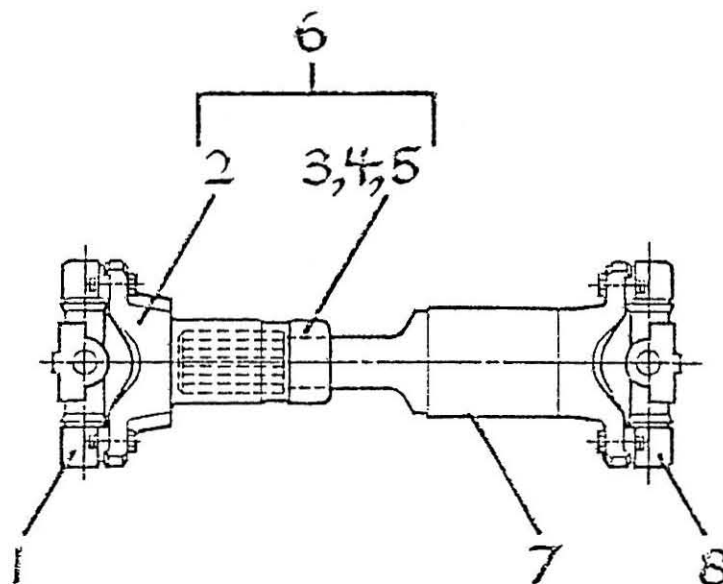
15A

SHEET
NUMBER

FRONT DRIVESHAFT ASSEMBLY

DRAWING
NUMBER

F1-1061



ITEM	NUMBER	DESCRIPTION	RECD
1	7-196-2	CROSS & BEARING ASSEMBLY	1
2	7-196-6	SLIP YOKE	1
3	7-196-7	RETAINING CAP	1
4	7-196-8	RETAINING WASHER	1
5	7-196-9	FELT WASHER	1
6	7-196-5	SLIP YOKE ASSEMBLY	1
7	3-1017-056-W	TUBE WELDMENT	1
8	7-196-1	CROSS & BEARING ASSEMBLY	1

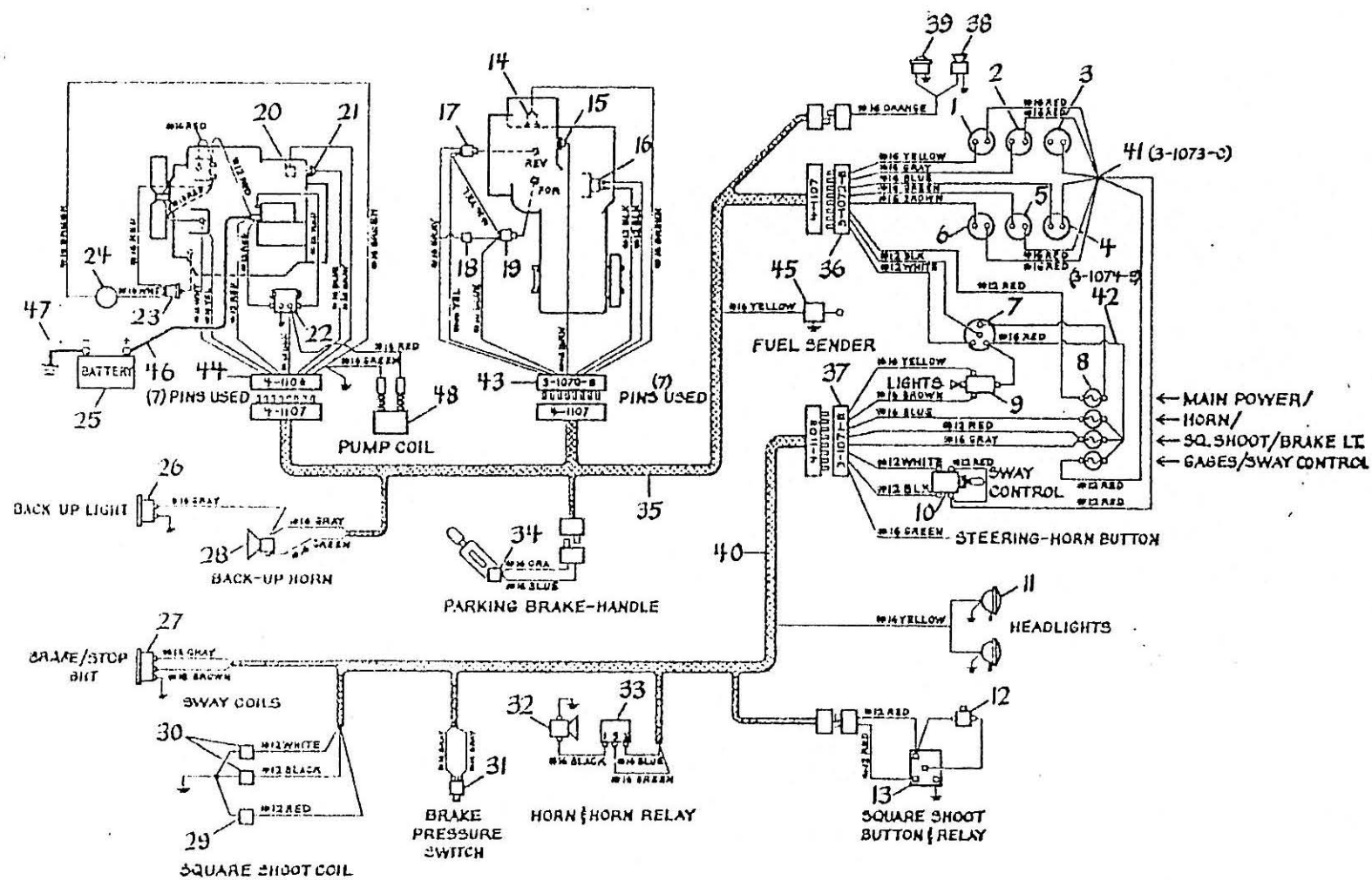
DRAWING
NUMBER

P1-1062

REAR DRIVESHAFT ASSEMBLY

SHEET
NUMBER 16A

17A	SHEET NUMBER	WHEEL & TIRE ASSEMBLY	DRAWING NUMBER
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P4-1092

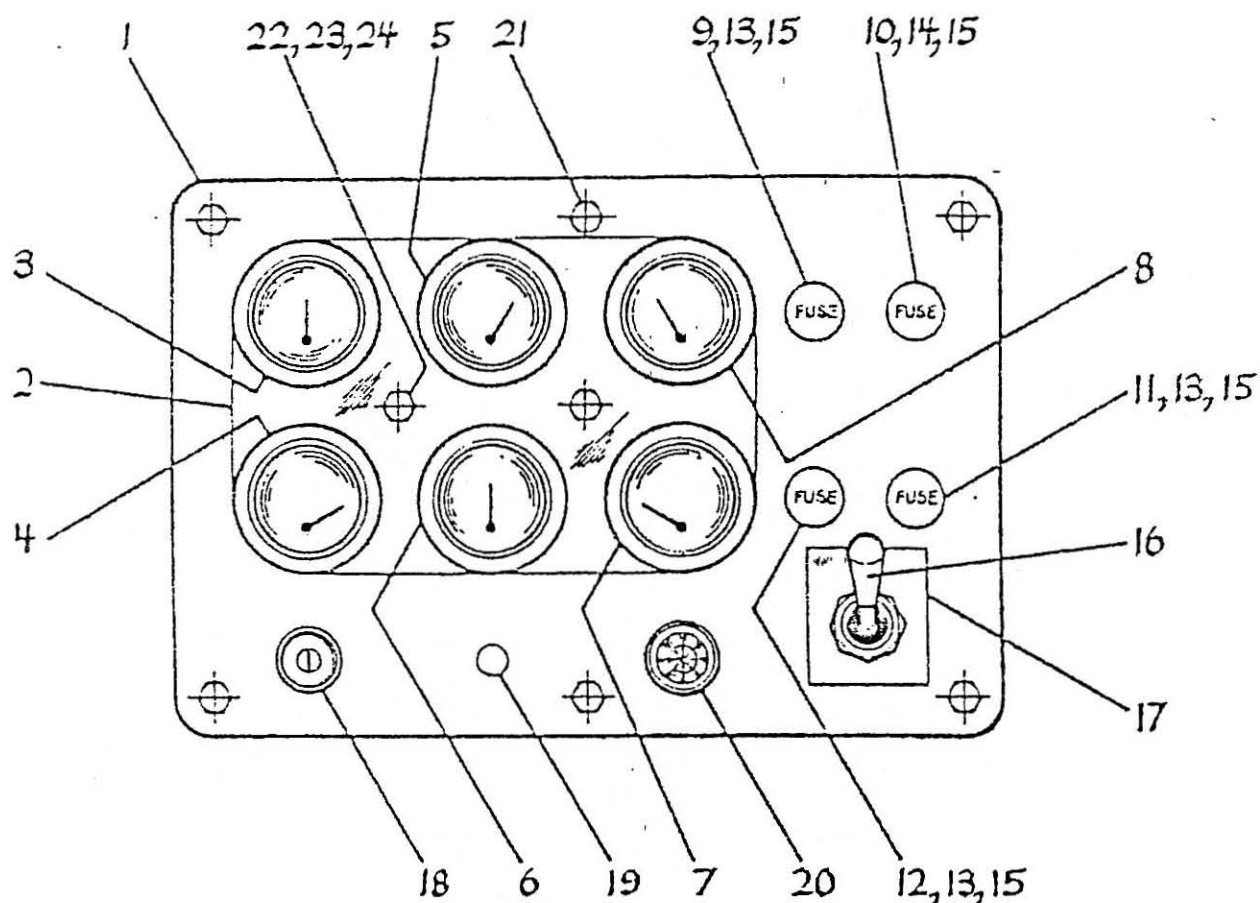
DRAWING
NUMBER

WIRING DIAGRAM SS-836

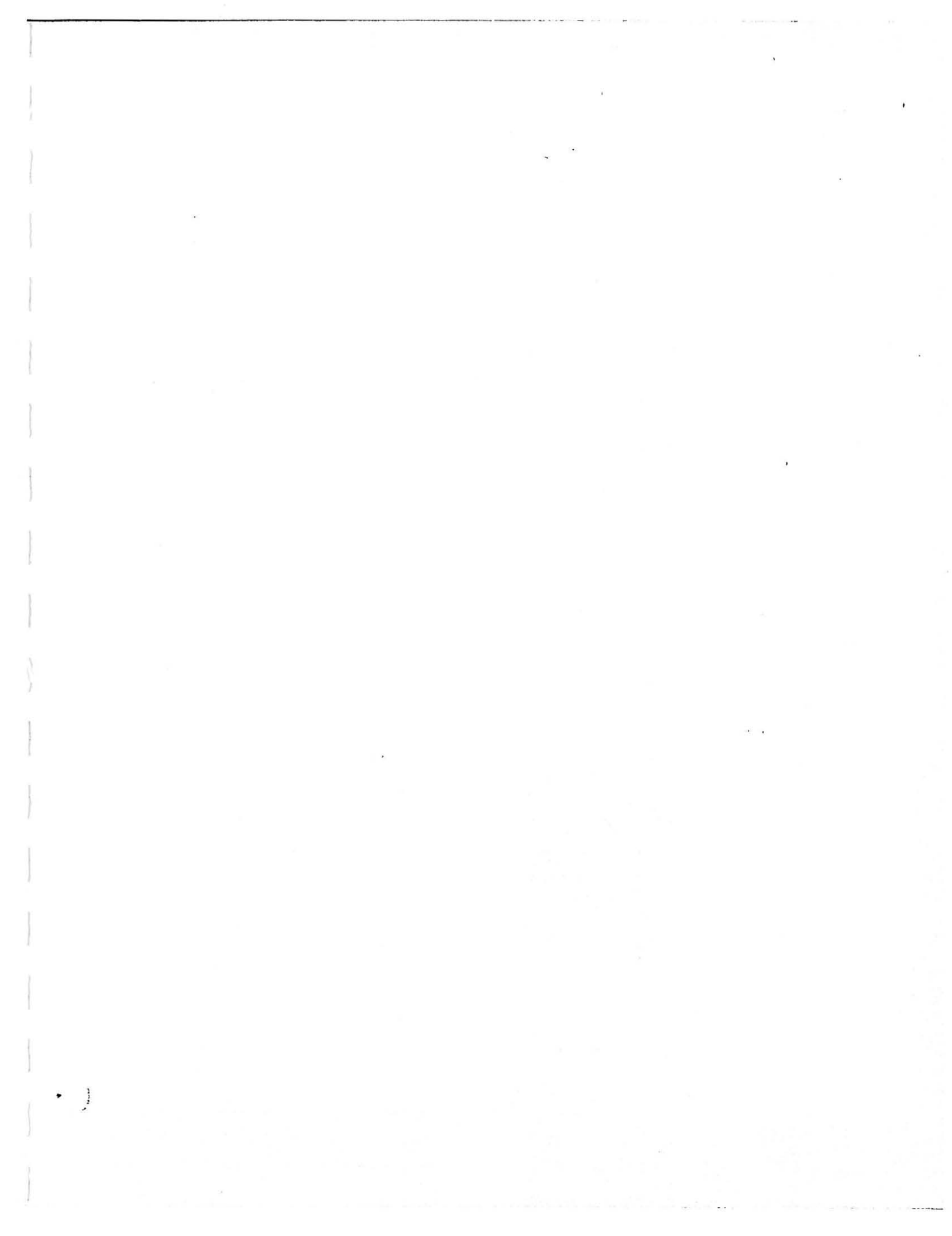
SHEET
NUMBER

18A

ITEM	NUMBER	DESCRIPTION	QTY
1	7-258-10	GAGE / FUEL	1
2	7-258-02	GAGE / ENGINE OIL PRESSURE	1
3	7-258-01	GAGE / VOLTMETER	1
4	7-258-05	GAGE / ENGINE WATER TEMP.	1
5	7-258-04	GAGE / TRANSMISSION OIL PRESSURE	1
6	7-258-08	GAGE / TRANSMISSION OIL TEMP.	1
7	7-269-57	SWITCH / IGNITION / KEY	1
8	7-268-01	FUSE HOLDER	4
9	7-206-02	SWITCH / HEADLIGHTS	1
10	7-102-01	SWITCH / SWAY CONTROL	1
11	7-136-01	HEADLIGHT	2
12	7-200-07	SWITCH / SQUARE SHOOT	1
13	7-206-07	RELAY / SQUARE SHOOT	1
14	7-258-05	SENDER / TRANS. OIL PRESSURE	1
15	7-258-07	SENDER / TRANS. OIL TEMP.	1
16	7-126-96	SWITCH / NEUTRAL START	1
17	7-206-03	PRESSURE SWITCH / REV.	1
18	7-281-01	DIODE / 3 AMP.	1
19	7-206-03	PRESSURE SWITCH / FOR.	1
20	7-258-03	SENDER / ENGINE OIL PRESSURE	1
21	7-258-07	SENDER / ENGINE OIL 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	1
27	7-136-03	LIGHT / TAIL-BRAKE	1
28	7-213-01	BACK-UP ALARM	1
29	7-244-06	COIL / SQUARE SHOOT	1
30	7-244-06	COIL / SWAY CONTROL	2
31	7-206-03	PRESSURE SWITCH / BRAKE	1
32	7-228-01	HORN	1
33	7-206-04	RELAY / HORN	1
34	7-231-01	SWITCH KIT / PARKING BRAKE	1
35	4-1107	HARNESS / MAIN POWER	1
36	3-1072	HARNESS / GAGES	1
37	3-1071	HARNESS / CONTROL	1
38	7-194-11	BUZZER / WARNING	1
39	7-279-02	LIGHT / WARNING	1
40	4-1108	HARNESS / VALVE	1
41	3-1073	HARNESS / GAGES HOT	1
42	3-1074	HARNESS / FUSES HOT	1
43	3-1070	HARNESS / TRANSMISSION	1
44	4-1106	HARNESS / ENGINE	1
45	7-258-09	SENDER / FUEL	1
46	6-7801-14B	BATTERY CABLE / RED	1
47	6-7802-8B	BATTERY CABLE / BLACK	1
48	7-244-06	COIL / PUMP DESTROKE	1



ITEM	NUMBER	DESCRIPTION	REQD
1	3-1083	INSTRUMENT PANEL	1
2	2-1062	GAGE COVER	1
3	7-258-10	GAGE / FUEL	1
4	7-258-02	GAGE / ENGINE OIL PRESSURE	1
5	7-258-08	GAGE / TRANS. OIL TEMP.	1
6	7-258-06	GAGE / ENGINE WATER TEMP.	1
7	7-258-01	GAGE / VOLTMETER	1
8	7-258-04	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		LEGEND PLATE	1
18	7-269-57	SWITCH / IGNITION KEY	1
19	7-194-13	PLUG BUTTON 3/8	1
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	6-6211-04	LOCKWASHER 1/4	2
24	6-6201-04	HEX NUT 1/4 NC	2



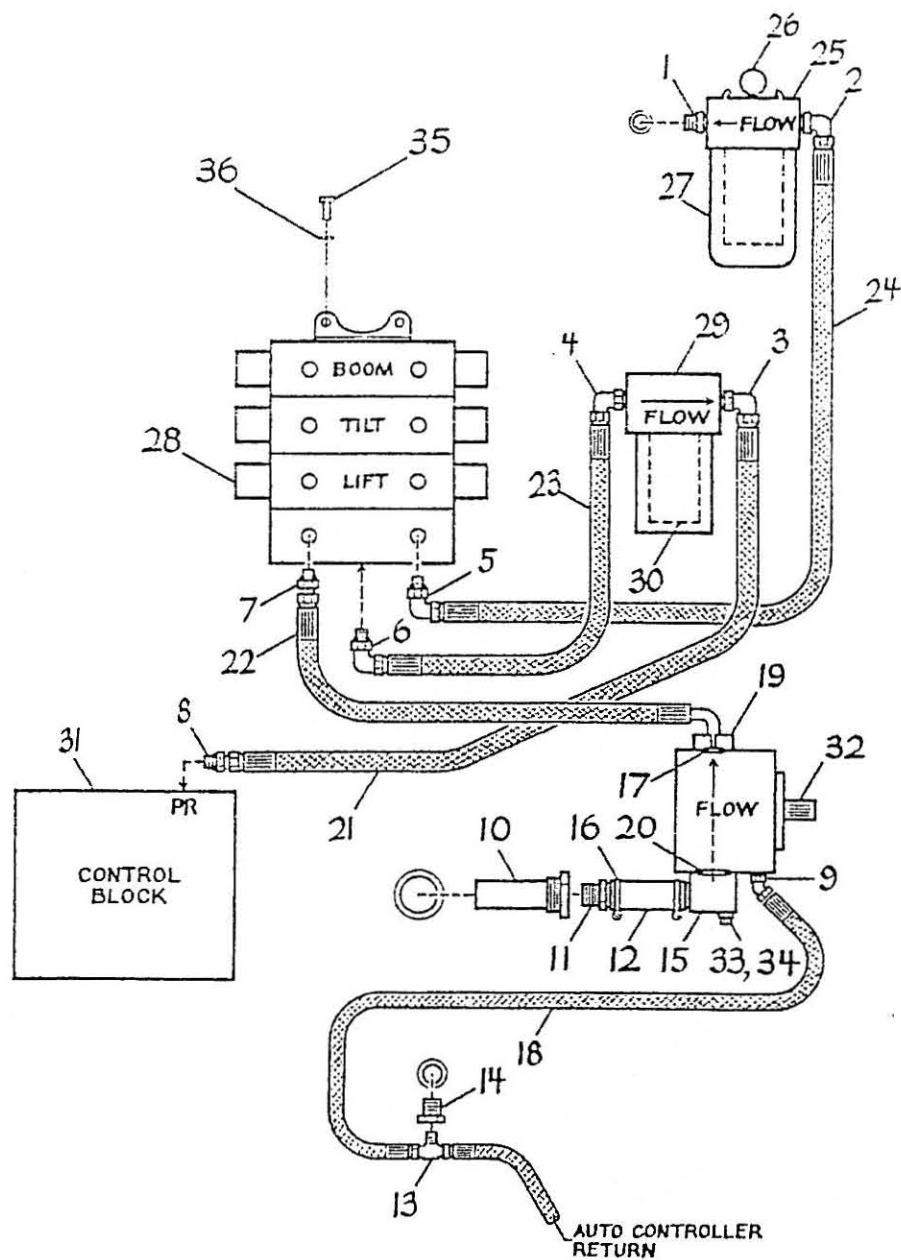
ITEM	NUMBER	DESCRIPTION	QTY
1	4-1049	CYLINDER / TILT (SEE P4-1049)	1
2	4-1055	CYLINDER / LIFT (SEE P4-1055)	2
3	4-1057	CYLINDER / BOOM (SEE P4-1057)	1
4	4-1044	CYLINDER / SWAY (SEE P4-1044)	2
5	7-229-08	CYLINDER / STEERING	4
6	7-217-01	STEERING SELECTOR (SEE P3-1108)	1
7	7-122-01	ORBITAL (SEE P1-1039)	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 P3-1100)	3
12	7-234-03	MOTION VALVE (SEE P3-1096)	4
13	7-234-01	MOTION VALVE (SEE P3-1097)	1
14	7-234-02	MOTION VALVE (SEE P3-1098)	1
15	7-234-09	VALVE / BOOM BY-PASS (SEE P3-1099)	1
16	7-234-07	LOGIC BLOCK ASSY (SEE P4-1098)	1
17	7-234-08	CONTROL BLOCK ASSY (SEE P4-1099)	1
18	7-105-01	ACCUMULATOR / BRAKE	1
19	7-198-01	BRAKE ACTUATOR	1
20	7-151-02	STRAINER / SUCTION	1
21	7-253-01	BREATHER / OIL RESERVOIR	1
22	7-151-01	SIGHT GAGE / OIL RESERVOIR	1
23	7-256-02	FILTER / RETURN	1
24	7-256-03	GAGE / RETURN FILTER	1
25	7-256-05	ELEMENT / RETURN FILTER	1
26	7-257-01	PUMP ASSEMBLY	1
27	7-256-07	FILTER / PRESSURE	1
28	7-256-04	ELEMENT / PRESSURE FILTER	1

DRAWING
NUMBER

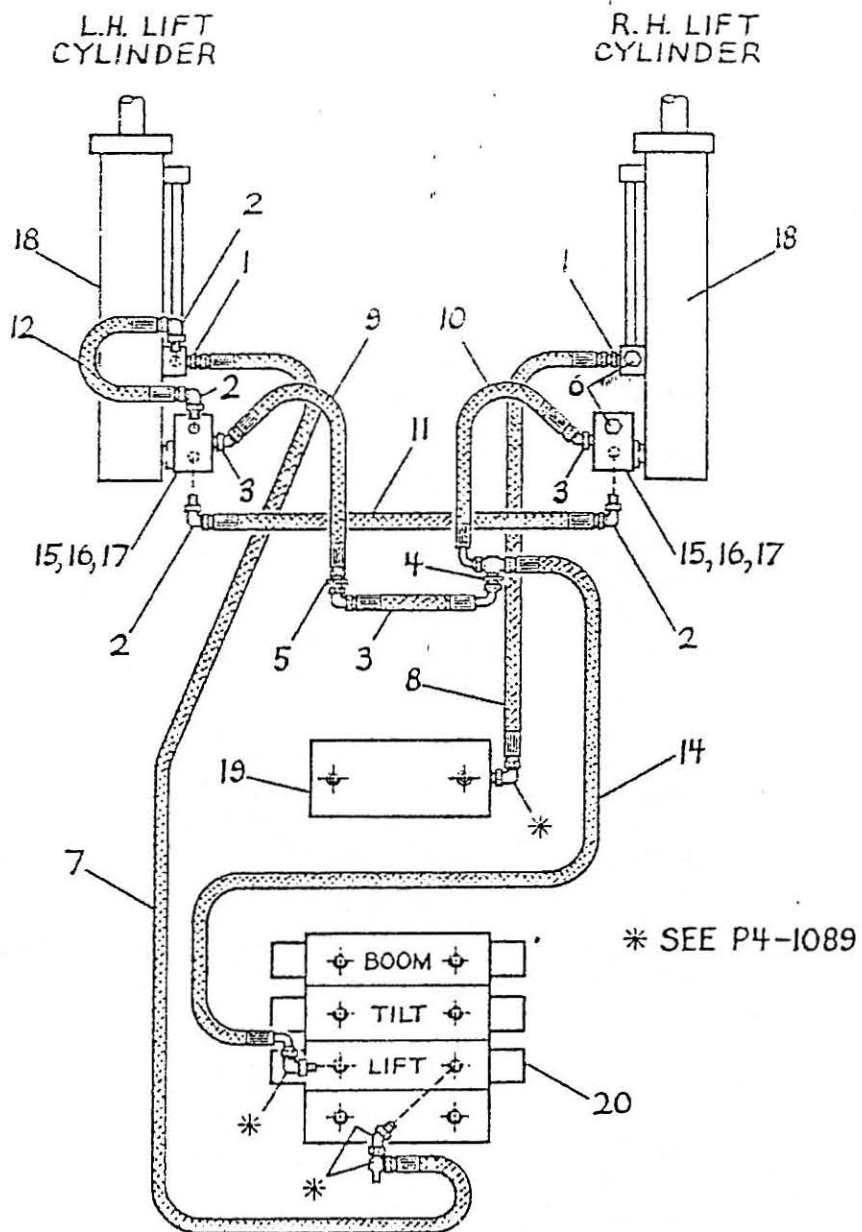
P4-1114

HYDRAULIC SCHEMATIC / SS-836

SHEET
NUMBER 20 B



ITEM	NUMBER	DESCRIPTION	QTY
1	6-6436-01	FITTING / 20 OR * 20 NPT * STR	1
2	6-6453-25	FITTING / 20 OR * 16 JIC * 90	1
3	6-6453-24	FITTING / 16 OR * 10 JIC * 90	1
4	6-6453-24	FITTING / 16 OR * 10 JIC * 90	1
5	6-6453-19	FITTING / 16 OR * 16 JIC * 90	1
6	6-6453-18	FITTING / 12 OR * 10 JIC * 90	1
7	6-6456-20	FITTING / 12 OR * 12 JIC * STR.	1
8	6-6456-15	FITTING / 08 OR * 10 JIC * STR.	1
9	6-6452-01	FITTING / 04 OR * 04 JIC * 45	1
10	7-151-02	STRAINER / SUCTION	1
11	7-158-48	HOSE FITTING	1
12	6-7428-11	HOSE / SUCTION	1
13	6-6431-03	FITTING / 02 NPT * 04 JIC TEE	1
14	6-6406-06	FITTING / 08 NPT * 02 NPT RED.	1
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 * 04 * 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 * 10 * 22 LG.	1
22	6-7096-30	HOSE / 12 * 12-90 * 15 LG.	1
23	6-7005-34	HOSE / 10 * 10 * 17 LG.	1
24	6-7008-43	HOSE / 16 * 16 * 21 1/2 LG.	1
25	7-256-02	FILTER / RETURN	1
26	7-256-03	GAGE / RETURN FILTER	1
27	7-256-05	ELEMENT / RETURN FILTER	1
28	7-200-01	VALVE / 3 SECTION	1
29	7-256-07	FILTER / PRESSURE	1
30	7-256-04	ELEMENT / PRESSURE FILTER	1
31	7-234-08	CONTROL BLOCK ASSY (SEE P4-1099)	1
32	7-257-01	PUMP ASSEMBLY	1
33	6-5208-32	CAPSCREW 1/2 NC * 4 LG.	4
34	6-6211-08	LOCKWASHER 1/2	4
35	6-5206-06	CAPSCREW 3/8 NC * 3/4 LG.	4
36	6-6211-06	LOCKWASHER 3/8	4



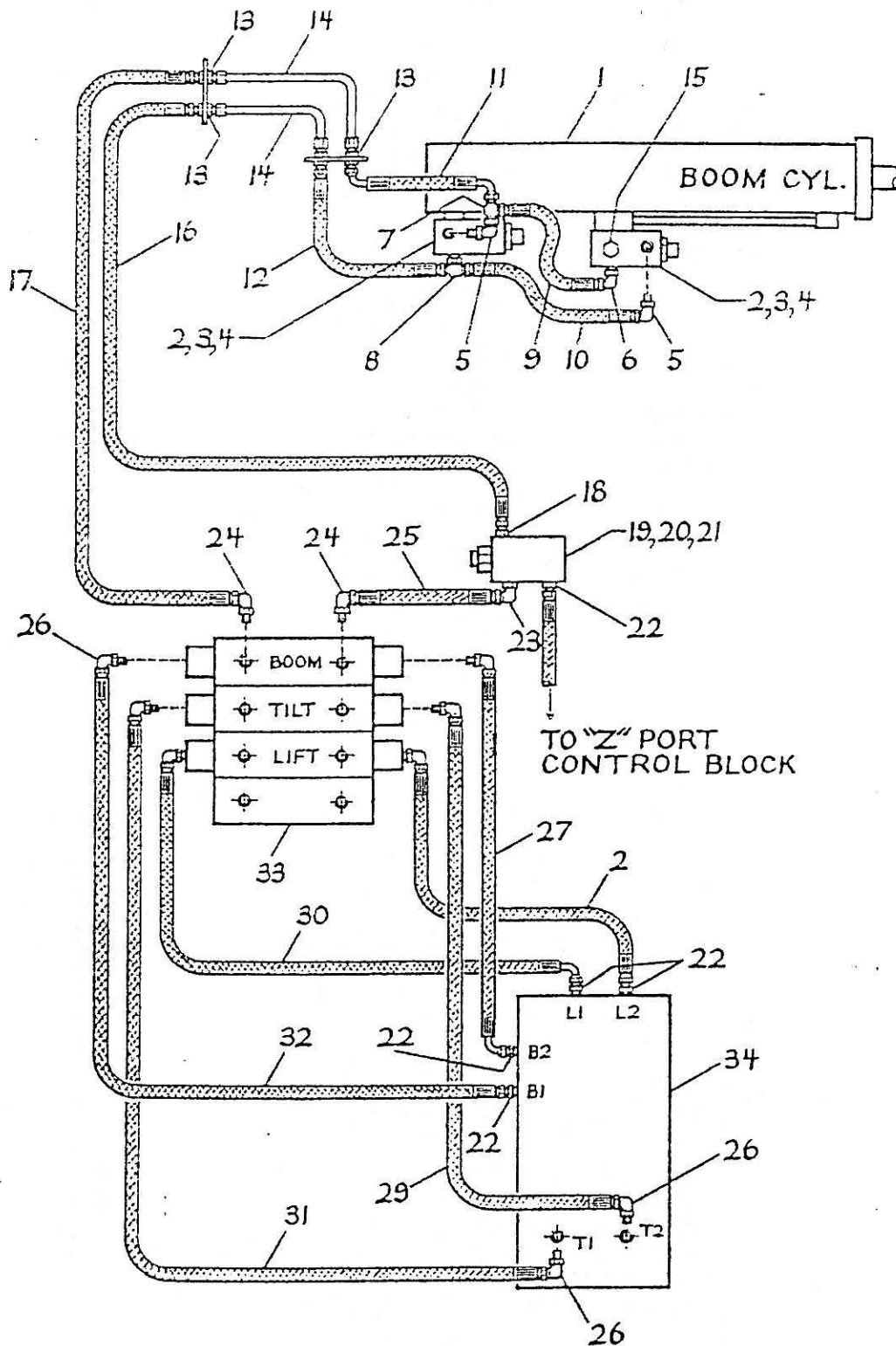
ITEM	NUMBER	DESCRIPTION	QTY
1	6-6450-16	FITTING / 10 OR * 10 JIC * STR.	2
2	6-6453-04	FITTING / 06 OR * 04 JIC * 90	4
3	6-6452-18	FITTING / 08 OR * 10 JIC * 45	2
4	6-6478-08	FITTING / 12 JIC BH TEE	1
5	6-6477-07	FITTING / 10 JIC BH * 90	1
6	6-6457-05	FITTING / 06 OR * PLUG	4
7	6-7005-21a	HOSE / 10 * 10 * 108 LG.	1
8	6-7005-21a	HOSE / 10 * 10 * 108 LG.	1
9	6-7005-44	HOSE / 10 * 10 * 22 LG.	1
10	6-7035-38	HOSE / 10 * 12-90 * 19 LG.	1
11	6-7002-28	HOSE / 04 * 04 * 44 LG.	1
12	6-7002-16	HOSE / 04 * 04 * 8 LG.	1
13	6-7035-46	HOSE / 10 * 12-90 * 23 LG.	1
14	6-7086-62	HOSE / 12 * 13-90 * 41 LG.	1
15	7-234-03	MOTION VALVE (SEE P3-1096)	2
16	6-5606-28	CAPSCREW 3/8 NC * 3 1/2 LG.	8
17	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	8
18	4-1055	CYLINDER / LIFT (SEE P4-1055)	2
19	7-234-09	VALVE / BOOM BY-PASS	1
20	7-200-01	VALVE / 3 SECTION	1

DRAWING
NUMBER

P4-1093

CIRCUIT / LIFT / SS-836

SHEET
NUMBER 22B



ITEM	NUMBER	DESCRIPTION	QTY
1	4-1057	CYLINDER / BOOM	1
2	7-234-03	MOTION VALVE	2
3	6-5606-28	CAPSCREW 3/8 NC * 3 1/2 LG.	8
4	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	8
5	6-6453-08	FITTING / 06 DR * 08 JIC * 90	2
6	6-6453-09	FITTING / 08 DR * 08 JIC * 90	1
7	6-6481-06	FITTING / 08 JIC TEE	1
8	6-6454-06	FITTING / 08 DR * 08 JIC * TEE	1
9	6-7004-21	HOSE / 08 * 08 * 10 1/2 LG.	1
10	6-7004-25	HOSE / 08 * 08 * 12 1/2 LG.	1
11	6-7064-21	HOSE / 08-90 * 10-90 * 10 1/2 LG.	1
12	6-7014-21	HOSE / 08 * 10 * 10 1/2 LG.	1
13	6-6491-04	FITTING / 10 JIC * 10 TUBE * BH-90	4
14	3-1063	TUBE / FORMED	2
15	6-6457-05	FITTING / 06 DR * PLUG	2
16	6-7005-118	HOSE / 10 * 10 * 59 LG.	1
17	6-7005-142	HOSE / 10 * 10 * 71 LG.	1
18	6-6450-16	FITTING / 10 DR * 10 JIC * STR.	1
19	7-234-09	VALVE / BOOM BY-PASS	1
20	6-5205-14	CAPSCREW 5/16 NC * 1 3/4 LG.	2
21	6-6211-05	LOCKWASHER 5/16	2
22	6-6450-05	FITTING / 06 DR * 04 JIC * STR.	5
23	6-6453-12	FITTING / 10 DR * 10 JIC * 90	1
24	6-6453-13	FITTING / 12 DR * 10 JIC * 90	2
25	6-7005-21	HOSE / 10 * 10 * 10 1/2 LG.	1
26	6-6453-04	FITTING / 06 DR * 04 JIC * 90	8
27	6-7022-42	HOSE / 04 * 04-90 * 21 LG.	1
28	6-7002-17	HOSE / 04 * 04 * 8 1/2 LG.	1
29	6-7002-34	HOSE / 04 * 04 * 17 LG.	1
30	6-7022-37	HOSE / 04 * 04-90 * 18 1/2 LG.	1
31	6-7002-42	HOSE / 04 * 04 * 21 LG.	1
32	6-7002-40	HOSE / 04 * 04 * 20 LG.	1
33	7-200-01	VALVE / 3 SECTION	1
34	7-234-07	LOGIC BLOCK	1

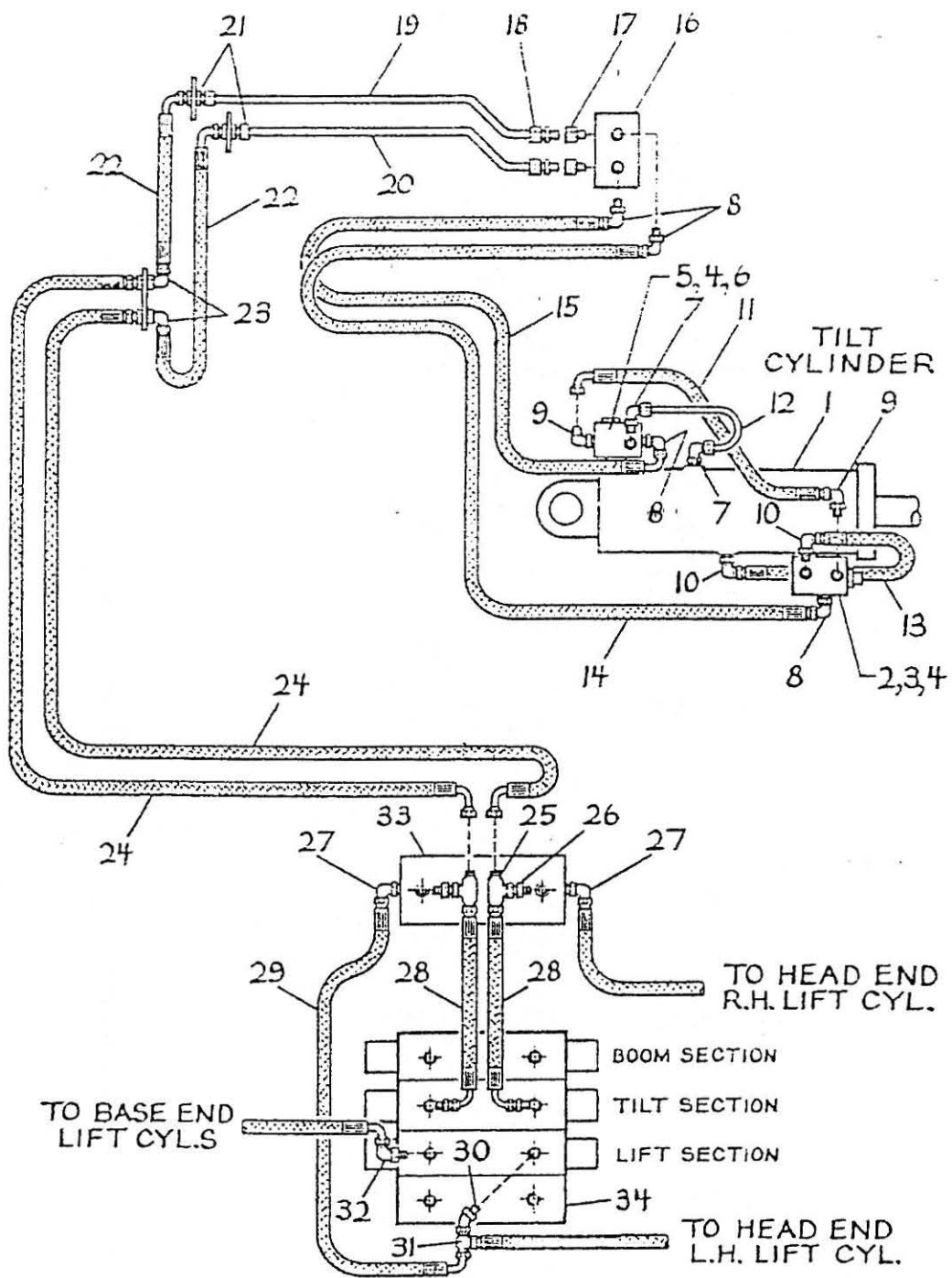
DRAWING
NUMBER

P4-1091

CIRCUIT / BOOM / SS-836

SHEET
NUMBER

23B



24A

SHEET
NUMBER

CIRCUIT / TILT / SS-836

DRAWING
NUMBER

P4-1089

ITEM	NUMBER	DESCRIPTION	QTY
1	4-1049	CYLINDER / TILT	1
2	7-234-01	MOTION VALVE / HEAD TILT	1
3	6-5606-20	CAPSCREW 3/8 NC * 3 1/2 LG.	4
4	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	8
5	7-234-02	MOTION VALVE / BASE TILT	1
6	6-5606-20	CAPSCREW 3/8 NC * 2 3/4 LG.	4
7	6-6493-02	FITTING / 06 DR * 06 TUBE * 90	2
8	6-6453-09	FITTING / 08 * 08 JIC * 90	2
9	6-6453-04	FITTING / 06 DR * 04 JIC * 90	2
10	6-6453-06	FITTING / 06 DR * 06 JIC * 90	2
11	6-7022-60	HOSE / 04 * 04-90 * 30 LG.	1
12	1-1028	TUBE / FORMED	1
13	6-7003-40	HOSE / 06 * 06 * 20 LG.	1
14	6-7004-690	HOSE / 08 * 08 * 345 LG.	1
15	6-7024-642	HOSE / 08 * 08-90 * 321 LG.	1
16	2-1051	MANIFOLD BLOCK	1
17	6-6456-06	FITTING / 10 DR * 08 DR * STR.	2
18	6-6492-04	FITTING / 10 DR * 10 TUBE * STR.	2
19	3-1062	TUBE / FORMED	1
20	3-1061	TUBE / FORMED	1
21	6-6491-04	FITTING / 10 JIC * 10 TUBE * BH-90	2
22	6-7025-44	HOSE / 10 * 10 * 22 LG.	2
23	6-6477-07	FITTING / 10 JIC * 10 JIC * BH-90	2
24	6-7025-120	HOSE / 10 * 10-90 * 60 LG.	2
25	6-6480-07	FITTING / 10 JIC TEE	2
26	6-6450-15	FITTING / 08 DR * 10 JIC * STR.	2
27	6-6453-11	FITTING / 08 DR * 10 JIC * 90	2
28	6-7025-36	HOSE / 10 * 10-90 * 18 LG.	2
29	6-7025-44	HOSE / 10 * 10-90 * 22 LG.	1
30	6-6452-17	FITTING / 12 DR * 10 JIC * 45	1
31		FITTING	1
32	6-6453-15	FITTING / 12 DR * 12 JIC * 90	1

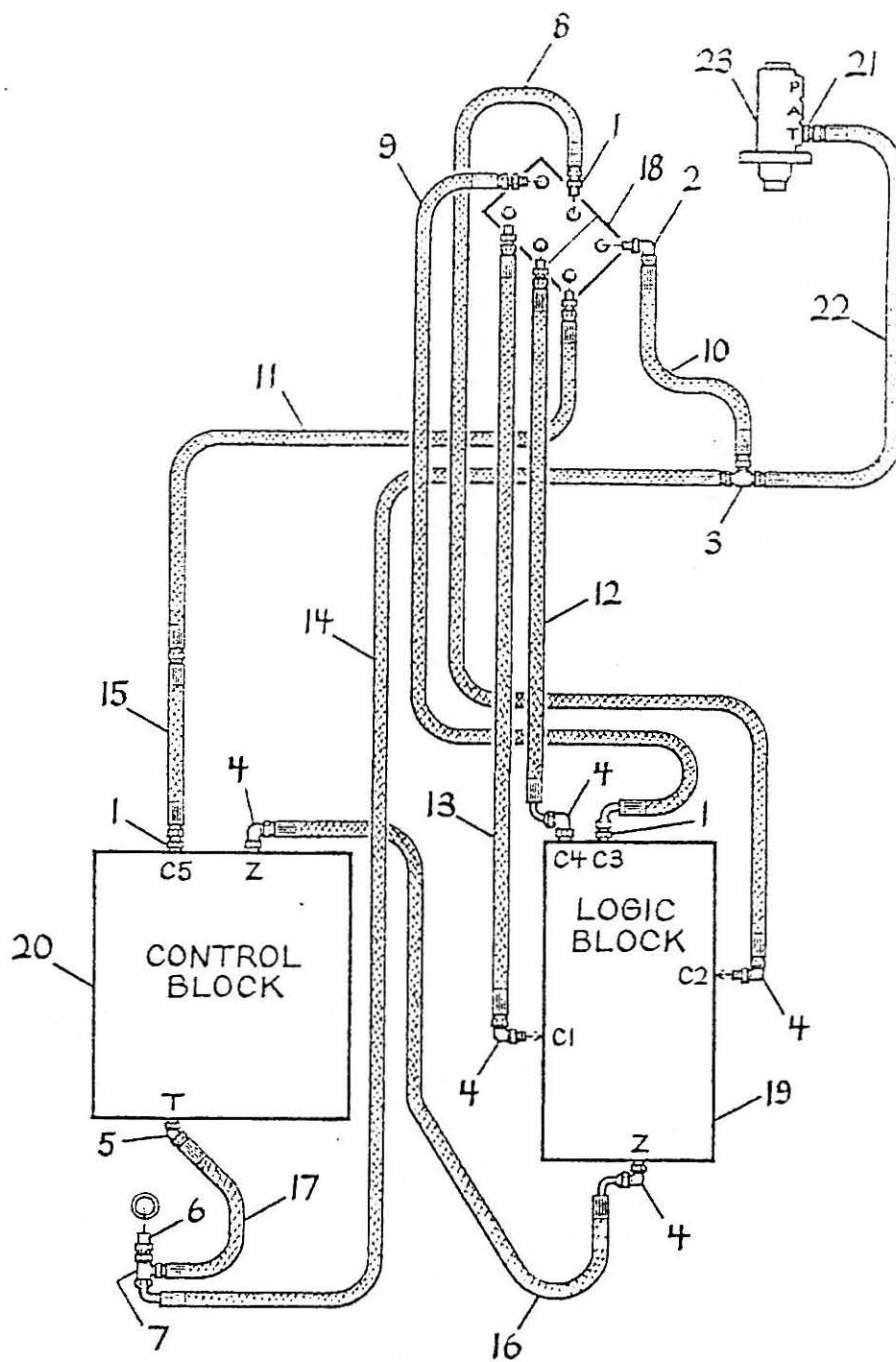
ITEM	NUMBER	DESCRIPTION	QTY
1	6-6427-09	FITTING / 08 NPT * 08 JIC * 90	4
2	6-6432-08	FITTING / 08 NPT * 08 JIC * TEE	4
3	6-6450-12	FITTING / 08 OR * 08 JIC * STR	6
4	6-6453-09	FITTING / 08 OR * 08 JIC * 90	1
5	6-6450-15	FITTING / 08 OR * 10 JIC * STR	1
6	6-7013-62	HOSE / 08 * 08 * 31 LG.	4
7	6-7004-196	HOSE / 08 * 08 * 98 LG.	1
8	6-7004-240	HOSE / 08 * 08 * 120 LG.	1
9	6-7024-140	HOSE / 08 * 08-90 * 70 LG.	1
10	6-7004-124	HOSE / 08 * 08 * 62 LG.	1
11	6-7004-124	HOSE / 08 * 08 * 62 LG.	1
12	6-7004-376	HOSE / 08 * 08 * 188 LG.	1
13	6-7005-340	HOSE / 10 * 10 * 170 LG.	1
14	7-122-01	STEERING ORBITRAL (SEE P1-1039)	1
15	7-217-01	SELECTOR VALVE (SEE P3-1106)	1
16	7-229-08	CYLINDER / STEERING	4
17	6-7104-24	HOSE / 08 * 08 MALE * 12 LG.	1
18	6-6453-07	FITTING / 08 OR * 08 JIC * 90	1
19	6-6427-17	FITTING / 12 NPT * 10 JIC * 90	1
20	7-234-08	CONTROL BLOCK	1

DRAWING
NUMBER

P4-1083

CIRCUIT / STEERING / SS-836

SHEET
NUMBER 25B



26A

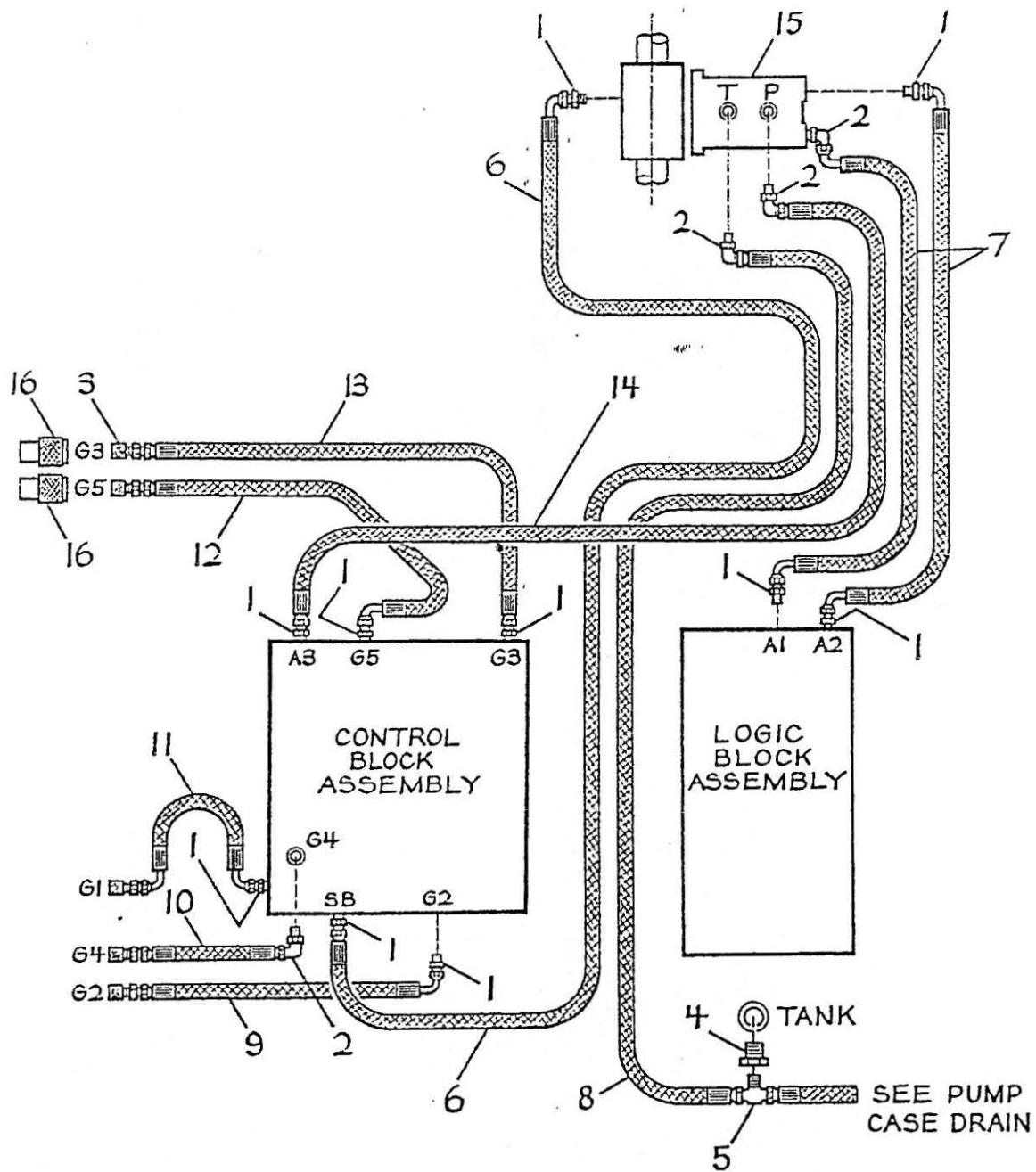
SHEET
NUMBER

CIRCUIT / 4-WAY CONTROLLER

DRAWING
NUMBER

F4-1115

ITEM	NUMBER	DESCRIPTION	QTY
1	6-6450-05	FITTING / 06 DR * 04 JIC * STR	6
2	6-6453-06	FITTING / 06 DR * 06 JIC * 90	1
3	6-6482-05	FITTING / 06 JIC TEE	1
4	6-6453-04	FITTING / 06 DR * 04 JIC * 90	5
5	6-6452-03	FITTING / 06 DR * 06 JIC * 45	1
6	6-6425-15	FITTING / 12 NPT * 08 JIC * STR	1
7	6-6481-08	FITTING / 08 JIC SW. RUN TEE	1
8	6-7002-258	HOSE / 04 * 04 * 129 LG.	1
9	6-7022-276	HOSE / 04 * 04-90 * 138 LG.	1
10	6-7003-56	HOSE / 06 * 06 * 28 LG.	1
11	6-7002-276	HOSE / 04 * 04 * 138 LG.	1
12	6-7022-276	HOSE / 04 * 04-90 * 138 LG.	1
13	6-7002-258	HOSE / 04 * 04 * 129 LG.	1
14	6-7033-208	HOSE / 06 * 06-90 * 104 LG.	1
15	6-7102-32	HOSE / 04 * 04 MALE * 16 LG.	1
16	6-7022-42	HOSE / 04 * 04-90 * 21 LG.	1
17	6-7013-19	HOSE / 06 * 08 * 9 1/2 LG.	1
18	7-200-02	CONTROLLER / 4-WAY	1
19	7-234-07	LOGIC BLOCK	1
20	7-234-08	CONTROL BLOCK	1
21	6-6450-09	FITTING / 08 * 06 JIC * STR.	1
22	6-7003-136	HOSE / 06 * 06 * 68 LG.	1
23	7-198-01	ACTUATOR / BRAKE	1



ITEM	NUMBER	DESCRIPTION	REQD
1	6-6450-05	FITTING / 06 DR * 04 JIC * STR	10
2	6-6453-04	FITTING / 06 DR * 04 JIC * 90	4
3	7-267-54	MALE PRESSURE CHECK	5
4	6-6406-06	FITTING / 08-02 NPT RED.	1
5	6-6431-03	FITTING / 02 NPT * 04 JIC TEE	1
6	6-7022-140	HOSE / 04 * 04-90 * 70 LG.	1
7	6-7052-106	HOSE / 04-90 * 04-90 * 53 LG.	2
8	6-7002-120	HOSE / 04 * 04 * 60 LG.	1
9	6-7022-42	HOSE / 04 * 04-90 * 21 LG.	1
10	6-7002-26	HOSE / 04 * 04 * 13 LG.	1
11	6-7052-18	HOSE / 04-90 * 04-90 * 9 LG.	1
12	6-7022-26	HOSE / 04 * 04-90 * 13 LG.	1
13	6-7002-22	HOSE / 04 * 04 * 8 LG.	1
14	6-7002-144	HOSE / 04 * 04 * 72 LG.	1
15	7-200-02	CONTROLLER / AUTO	1
16	7-267-55	FEMALE PRESSURE CHECK	2

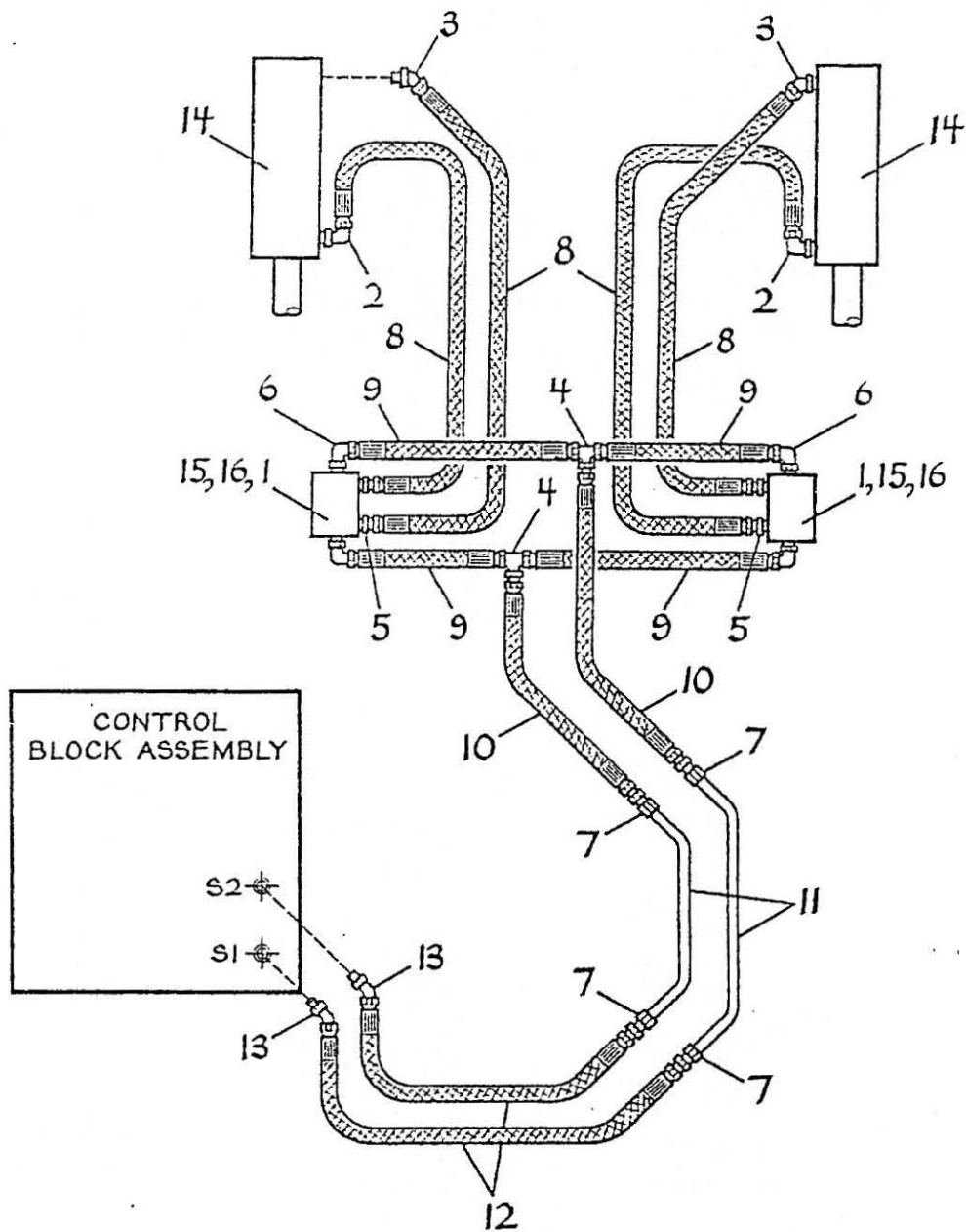
DRAWING
NUMBER F4-1090

CIRCUIT / AUTO-CONTROLLER

SHEET
NUMBER 27B

L.H. SWAY
CYLINDER

R.H. SWAY
CYLINDER



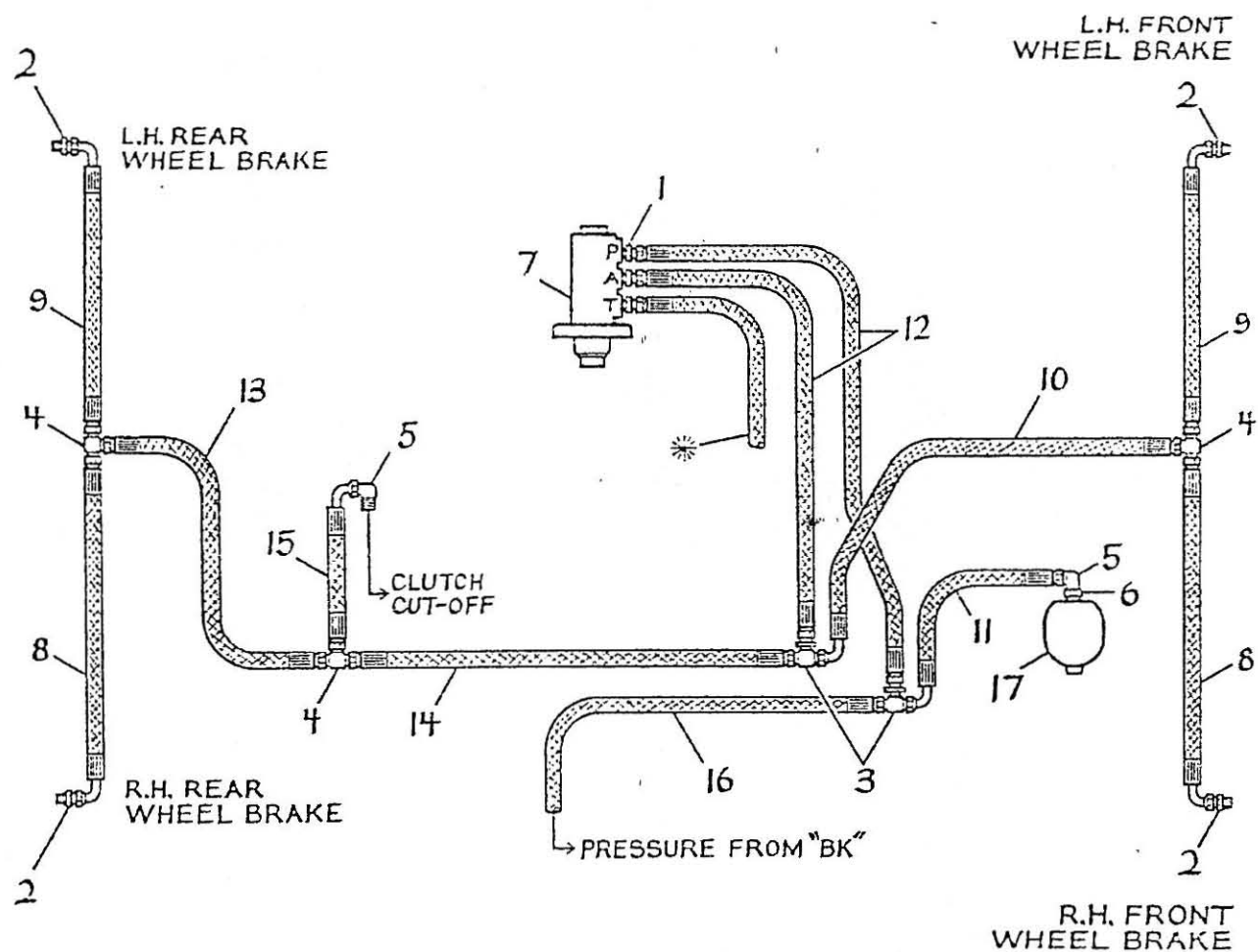
ITEM	NUMBER	DESCRIPTION	QTY
1	7-234-04	VALVE / DUEL CHECK (SEE P3-1100)	2
2	6-6453-08	FITTING / 06 DR * 06 JIC * 90	20
3	6-6452-03	FITTING / 06 DR * 06 JIC * 45	20
4	6-6482-06	FITTING / 08 JIC TEE	20
5	6-6450-09	FITTING / 08 DR * 06 JIC * STR.	4
6	6-6453-09	FITTING / 08 DR * 08 JIC * 90	4
7	6-6490-03	FITTING / 08 JIC * 08 TUBE * STR.	4
8	5-7003-78	HOSE / 06 * 06 * 36 LG.	4
9	5-7004-16	HOSE / 08 * 08 * 8 LG.	4
10	5-7004-40	HOSE / 08 * 08 * 20 LG.	2
11	3-1064	TUBE / FORMED	20
12	5-7004-124	HOSE / 08 * 08 * 62 LG.	2
13	6-6452-16	FITTING / 06 * 08 JIC * 45	2
14	4-1044	CYLINDER / SWAY (SEE P4-1044)	2
15	6-6211-05	LOCKWASHER 5/16	4
16	6-5205-14	CAPSCREW 5/16 NC * 1 3/4 LG.	4

DRAWING
NUMBER

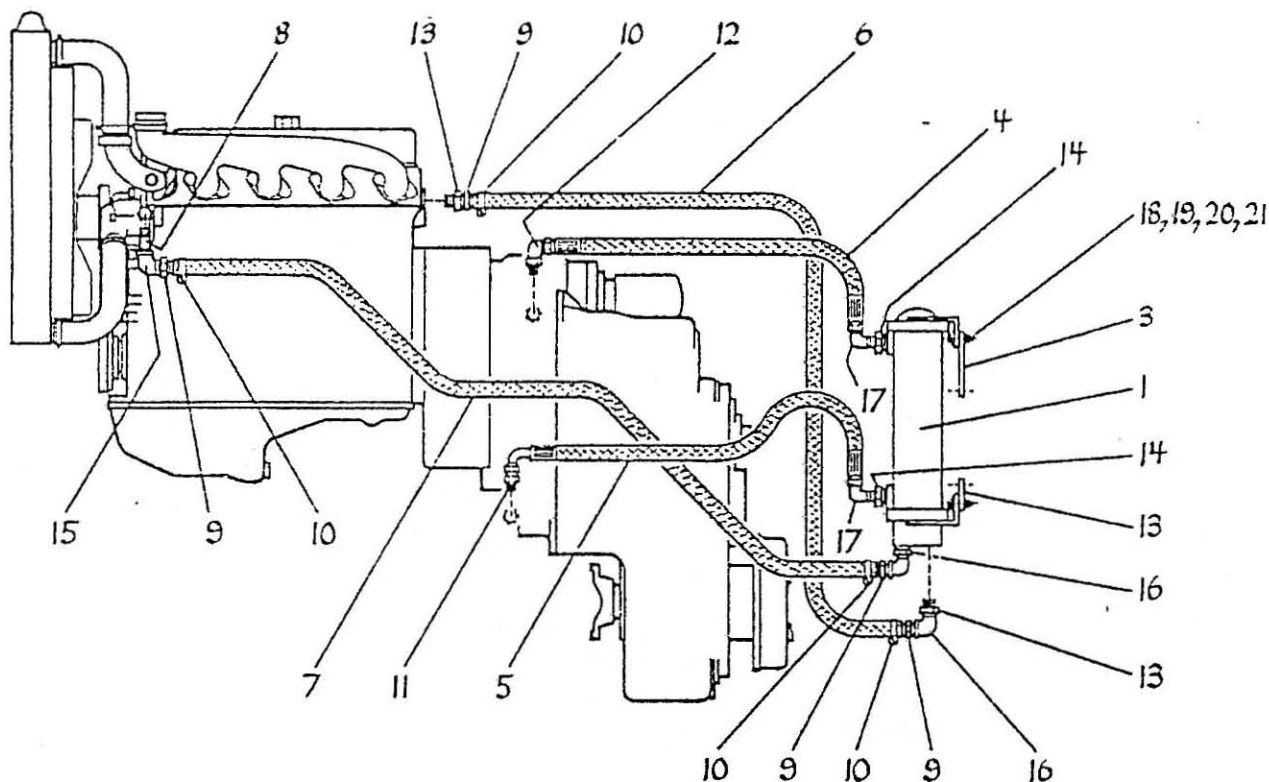
P4-1092

CIRCUIT / SWAY / SS-836

SHEET
NUMBER 28B



ITEM	NUMBER	DESCRIPTION	RECD
1	6-6450-06	FITTING / 08 OR * 04 JIC * STR.	2
2		FITTING / WITH AXLE	4
3	6-6478-03	FITTING / 04 JIC B-HEAD TEE	2
4	6-6482-03	FITTING / 04 JIC TEE	3
5	6-6427-03	FITTING / 1/8 NPT * 04 JIC * 90	2
6	6-6406-06	FITTING / 1/2 NPT * 1/8 NPT RED.	1
7	7-198-01	ACTUATOR / BRAKE	1
8	6-7022-100	HOSE / 04 * 04-90 * 50 LG.	2
9	6-7022-80	HOSE / 04 * 04-90 * 40 LG.	2
10	6-7022-110	HOSE / 04 * 04-90 * 55 LG.	1
11	6-7002-50	HOSE / 04 * 04-90 * 25 LG.	1
12	6-7002-74	HOSE / 04 * 04 * 37 LG.	2
13	6-7002-70	HOSE / 05 * 04 * 35 LG.	1
14	6-7002-100	HOSE / 04 * 04 * 50 LG.	1
15	6-7002-36	HOSE / 04 * 04 * 18 LG.	1
16	6-7002-274	HOSE / 04 * 04 * 137 LG.	1
17	7-105-01	ACCUMULATOR / BRAKE	1



ITEM	NUMBER	DESCRIPTION	REQD
1	7-236-01	OIL COOLER	1
2	2-1058	MOUNT / OIL COOLER / RH	1
3	2-1057	MOUNT / OIL COOLER / LH	1
4	6-7006-64	HOSE / 12 * 12 * 32 LG.	1
5	6-7026-52	HOSE / 12 * 12-90 * 26 LG.	1
6	6-7404-84	HOSE / 1/2 ID * 42 LG.	1
7	6-7404-120	HOSE / 1/2 ID * 60 LG.	1
8	6-6413-07	PIPE NIPPLE 1/2 * 3 1/2 LG.	1
9	7-158-14	HOSE END / 08-08 MALE PIPE	4
10	6-6252-03	HOSE CLAMP	4
11	6-6450-20	FITTING / 12 OR * 12 JIC * STR	1
12	6-6453-15	FITTING / 12 OR * 12 JIC * 90	1
13	6-6406-11	FITTING / 16 NPT * 08 NPT RED.	3
14	6-6406-10	FITTING / 16 NPT * 12 NPT RED.	2
15	7-291-02	FITTING / 08 NPT ELBOW	1
16	6-6403-05	FITTING / 08 NPT STREET ELBOW	2
17	6-6427-18	FITTING / 12 NPT * 12 JIC * 90	2
18	6-5206-08	CAPSCREW 3/8 NC * 1 LG.	4
19	6-6212-06	FLATWASHER 3/8	4
20	6-6210-06	HEX NUT 3/8 NC	4
21	6-6211-06	LOCKWASHER 3/8	4

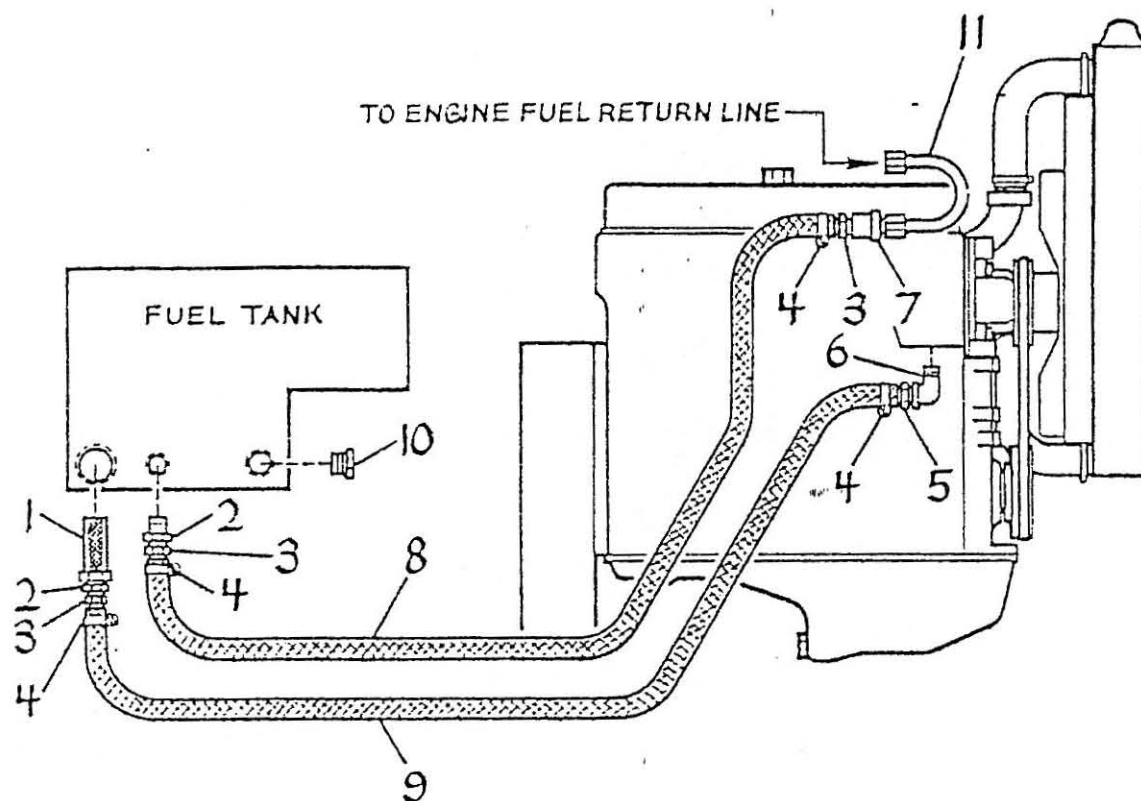
DRAWING
NUMBER

P4-1047

CIRCUIT / OIL COOLER / SS-836

SHEET
NUMBER

30A



ITEM	NUMBER	DESCRIPTION	REQD
1	7-151-01	FUEL STRAINER	1
2	6-6406-05	REDUCER BUSHING / 1/2-1/4	2
3	7-209-62	FITTING / 1/4 PIPE-3/8 HOSE	3
4	6-6252-01	HOSE CLAMP / #6	4
5	7-209-63	FITTING / 1/8 PIPE-3/8 HOSE	1
6	7-209-65	FITTING / 1/8 PIPE SHORT ELBOW	1
7	7-209-64	FITTING / 1/4 PIPE-1/4 TUBE	1
8	6-7416-136	HOSE / 3/8 x 68 LG.	1
9	6-7416-160	HOSE / 3/8 x 80 LG.	1
10	6-6409-05	FITTING / 3/4 PLUG	1
11	1-1034	TUBE / FUEL LINE	1

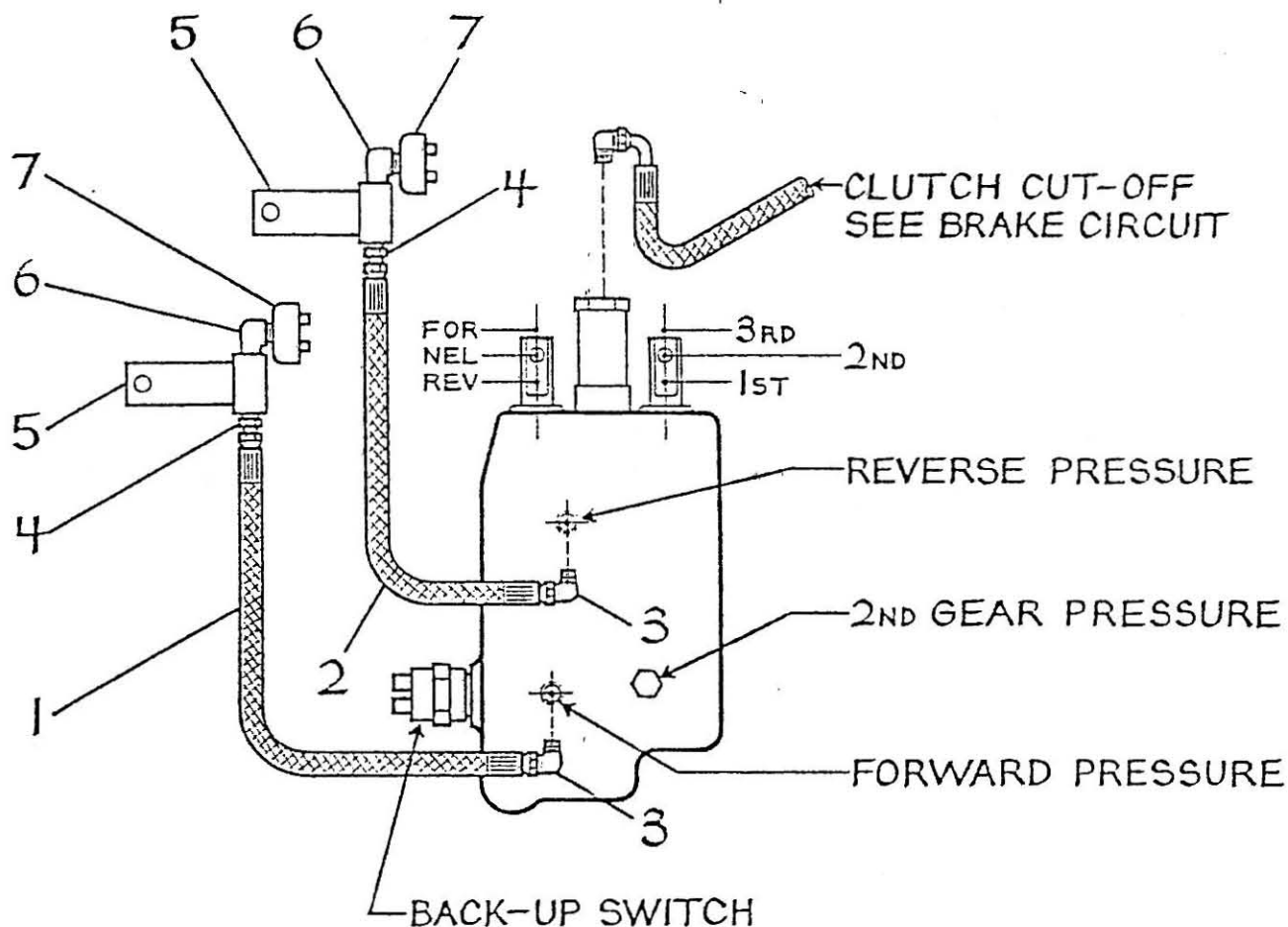
31A

SHEET
NUMBER

CIRCUIT / FUEL / SS-836

DRAWING
NUMBER

P3-1103



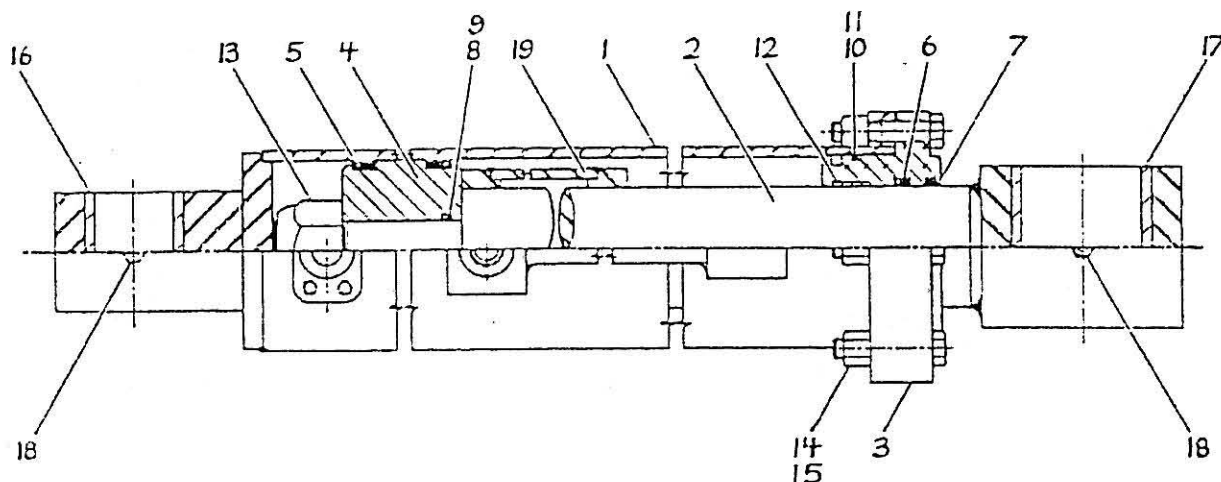
ITEM	NUMBER	DESCRIPTION	REQD
1	6-7002-38	HOSE / 04 * 04 * 19 LG.	1
2	6-7002-38	HOSE / 04 * 04 * 19 LG.	1
3	6-6427-03	FITTING / 02 NPT * 04 JIC * 90	2
4	6-6425-03	FITTING / 02 NPT * 04 JIC * STR	2
5	1-1019	MOUNT	2
6	7-209-65	FITTING / 02 NPT * 02 NPT * 90	2
7	7-231-01	PRESSURE SWITCH	2

DRAWING
NUMBER

P3-111B

CIRCUIT / PRESSURE SWITCH

SHEET
NUMBER 31B



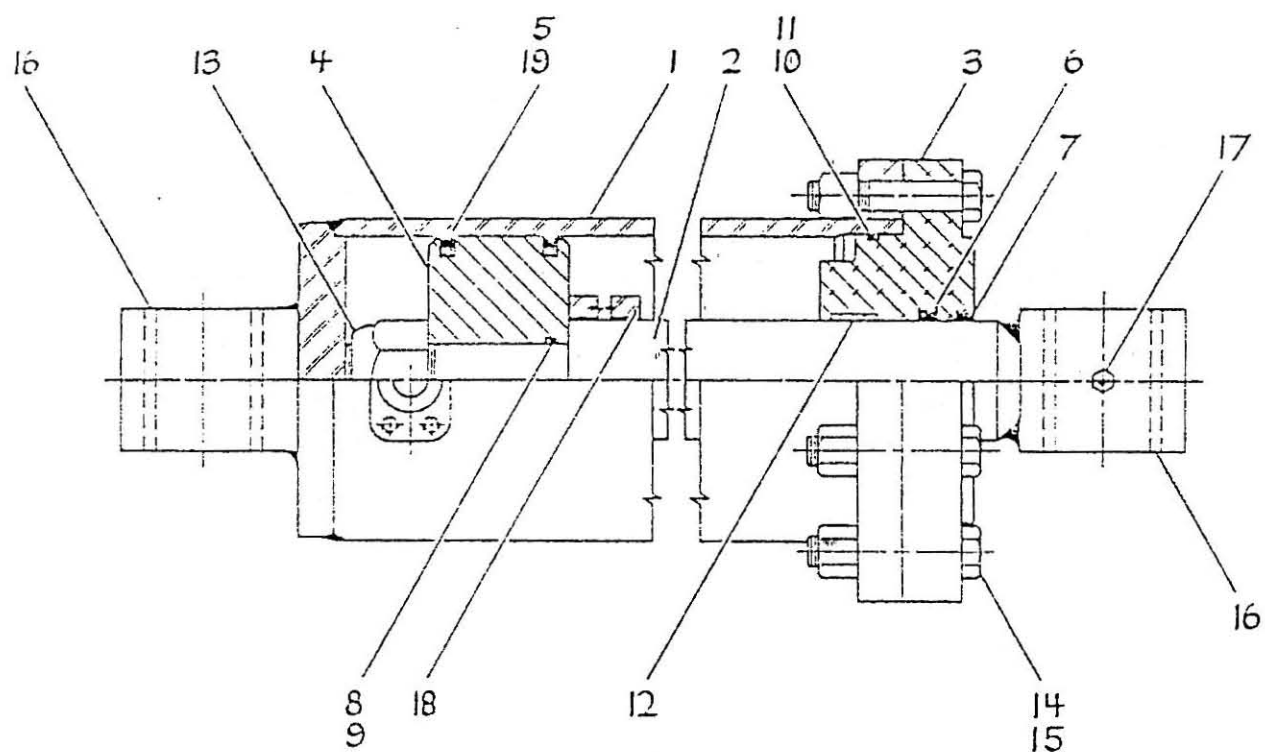
ITEM	NUMBER	DESCRIPTION	REQD
1	4-1054	TUBE WELDMENT	1
2	3-1015-08	ROD WELDMENT	1
3	3-1094	HEAD	1
4	2-1018-3	PISTON	1
5	7-209-04	POLYPAK / PISTON	2
6	7-209-54	POLTPAK / ROD	1
7	7-209-47	WIPER / ROD	1
8	7-209-22	O-RING / PISTON	1
9	7-209-11	PARBAK RING	1
10	7-209-26	O-RING / HEAD	1
11	7-209-15	PARBAK RING	1
12	7-262-07	WEAR RING / 3.00 I.D.	1
13	6-6206-24	SELF LOCKING NUT	1
14	6-5308-20	HEX HEAD BOLT	6
15	6-6204-08	HEX HI-NUT	6
16	6-4516-24	BRONZE BUSHING	1
17	6-4524-32	BRONZE BUSHING	1
18	6-6301	LUBE FITTING / 1/8 NPT	2
19	3-1060	SPACER WELDMENT	1

DRAWING
NUMBER

P4-1055

48-836

SHEET
NUMBER 32 A



ITEM	NUMBER	DESCRIPTION	RELS
1	4-1050	TUBE WELDMENT	1
2	3-1015-06	SHAFT WELDMENT	1
3	3-1011-25	HEAD	1
4	2-1018-4	PISTON	1
5	7-262-01	POYL-HONE SEAL	2
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	1
10	7-209-29	O-RING / HEAD	1
11	7-209-18	PARBAK RING	1
12	7-262-06	WEAR RING	1
13	6-6206-24	NUT / SELF-LOCKING	1
14	6-5310-26	HEX HEAD BOLT	8
15	6-6204-10	HEX HI-NUT	8
16	6-4516-24	BRONZE BUSHING	2
17	6-6301	LUSE FITTING / 1/8 NPT	2
18	6-1320-24	SPACER	1
19	7-262-02	O-RING	2

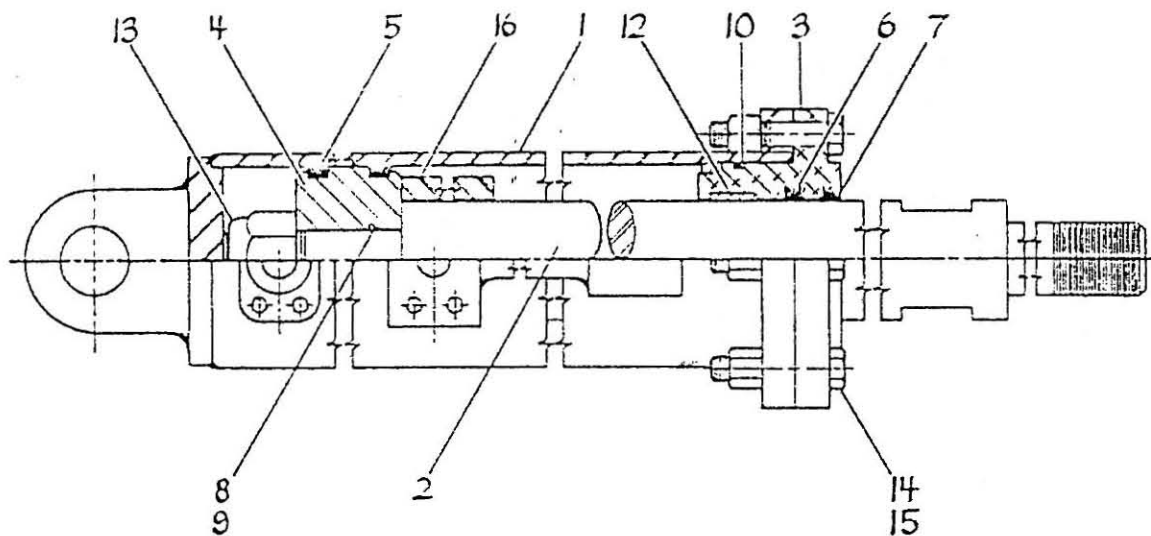
33A

SHEET
NUMBER

TILT CYLINDER / SS-836

DRAWING
NUMBER

P4-1049

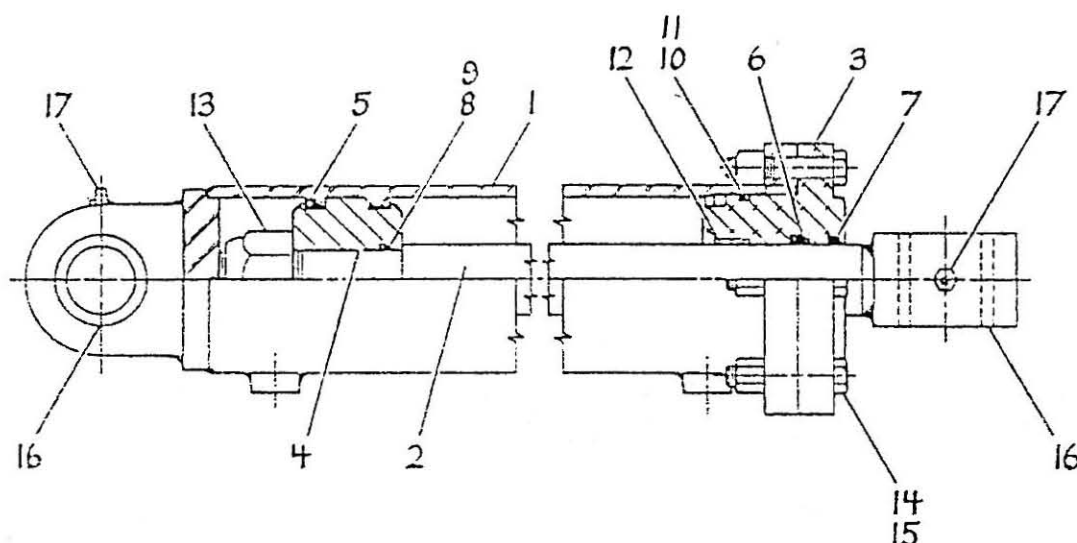


ITEM	NUMBER	DESCRIPTION	REQD
1	4-1055	TUBE WELDMENT	1
2	3-1040	ROD WELDMENT	1
3	3-1007-25	HEAD	1
4	2-1018-2	PISTON	1
5	7-209-03	POLYPAK / PISTON	2
6	7-209-53	POLYPAK / ROD	1
7	7-209-46	WIPER / ROD	1
8	7-209-21	O-RING / PISTON	1
9	7-209-10	PARBAK RING	1
10	7-209-25	O-RING / HEAD	1
11	7-209-14	PARBAK RING	1
12	7-262-06	WEAR RING / 2.50 I.D.	1
13	6-6206-20	SELF LOCKING NUT	1
14	A-5308-20	HEX HEAD BOLT	6
15	6-6204-08	HWX HI-NUT	6
16	6-1320-35	SPACER	1

DRAWING
NUMBER P4-1057

BOOM CYLINDER / SS-836

SHEET
NUMBER 34A



ITEM	NUMBER	DESCRIPTION	RFQ:
1	4-1045	TUBE WELDMENT	1
2	3-1015-07	ROD / 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
13	6-6206-20	NUT / SELF-LOCKING	1
14	6-5307-18	HEX HEAD CAPSCREW	6
15	6-6204-07	HEX HIGH-NUT	6
16	6-4512-16	BRONZE BUSHING	2
17	6-6301	LUBE FITTING 1/8 NPT * STR.	2

35A

SHEET
NUMBER

SWAY CYLINDER / SS-B36

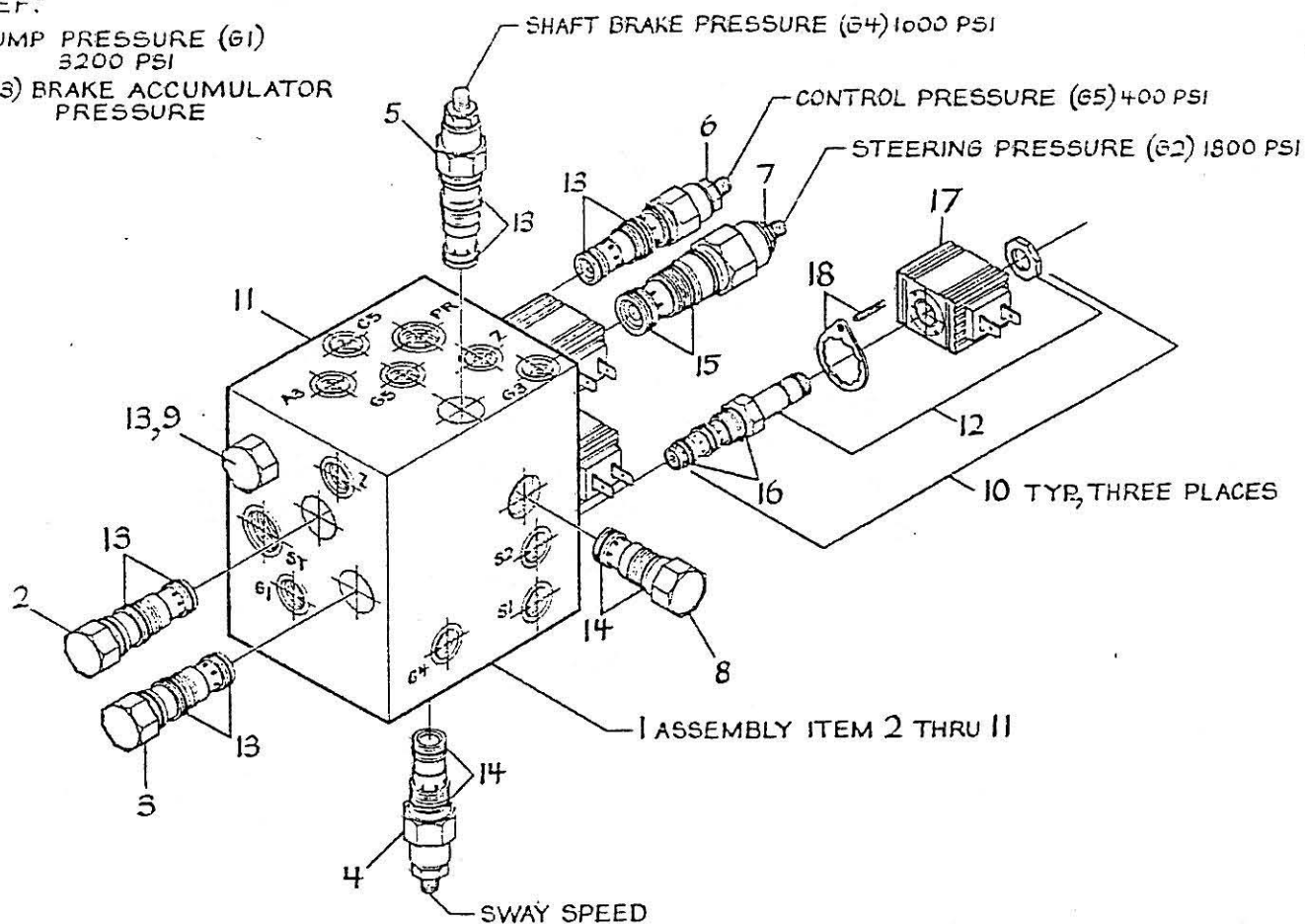
DRAWING
NUMBER

P4-1044

REF:

PUMP PRESSURE (61)
3200 PSI

(63) BRAKE ACCUMULATOR
PRESSURE



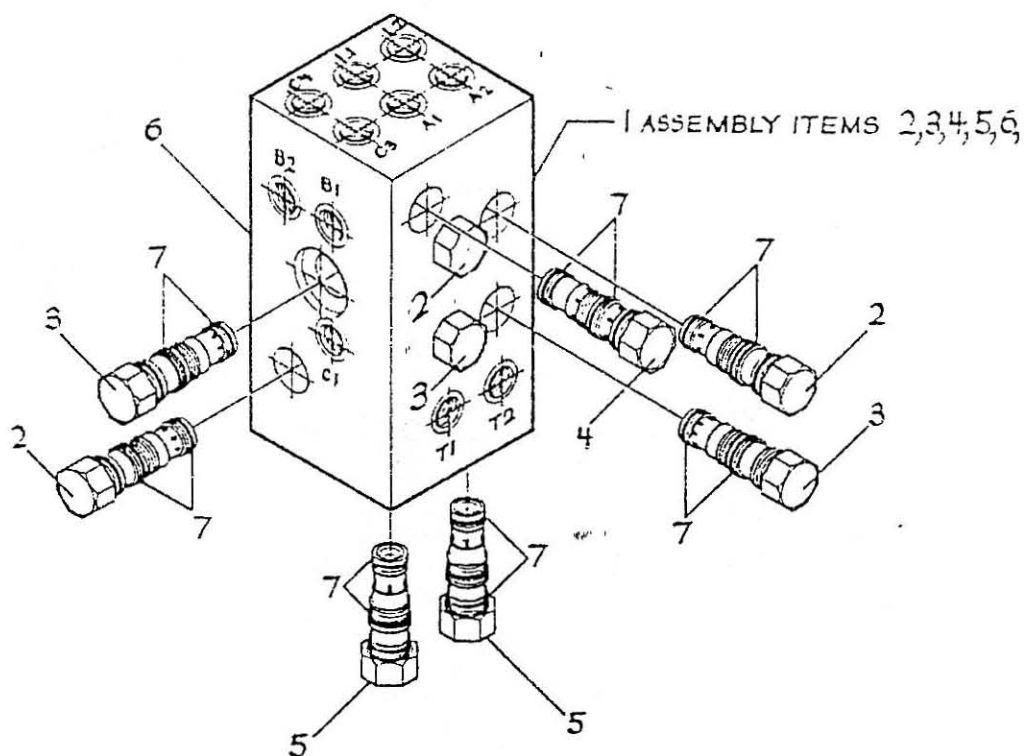
ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-08	CONTROL BLOCK ASSEMBLY	1
2	7-234-11	CARTRIDGE / NORM. OPEN	1
3	7-234-10	CARTRIDGE / NORM. CLOSED	1
4	7-234-17	CARTRIDGE / NEEDLE	1
5	7-234-28	CARTRIDGE / REDUCING	1
6	7-234-13	CARTRIDGE / REDUCING	1
7	7-234-15	CARTRIDGE / REDUCING	1
8	7-234-16	CARTRIDGE / CHECK	1
9	7-234-10	CARTRIDGE / NORM. OPEN	1
10	7-244-02	SOLENOID CARTRIDGE ASSEMBLY	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	2
15	7-234-30	SEAL KIT	1
16	7-244-04	SEAL KIT / SOLENOID	3
17	7-244-01	COIL / SOLENOID	3
18	7-234-34	LOCK KIT	3

DRAWING
NUMBER

P4-1099

CONTROL BLOCK ASSY / SS-836

SHEET
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

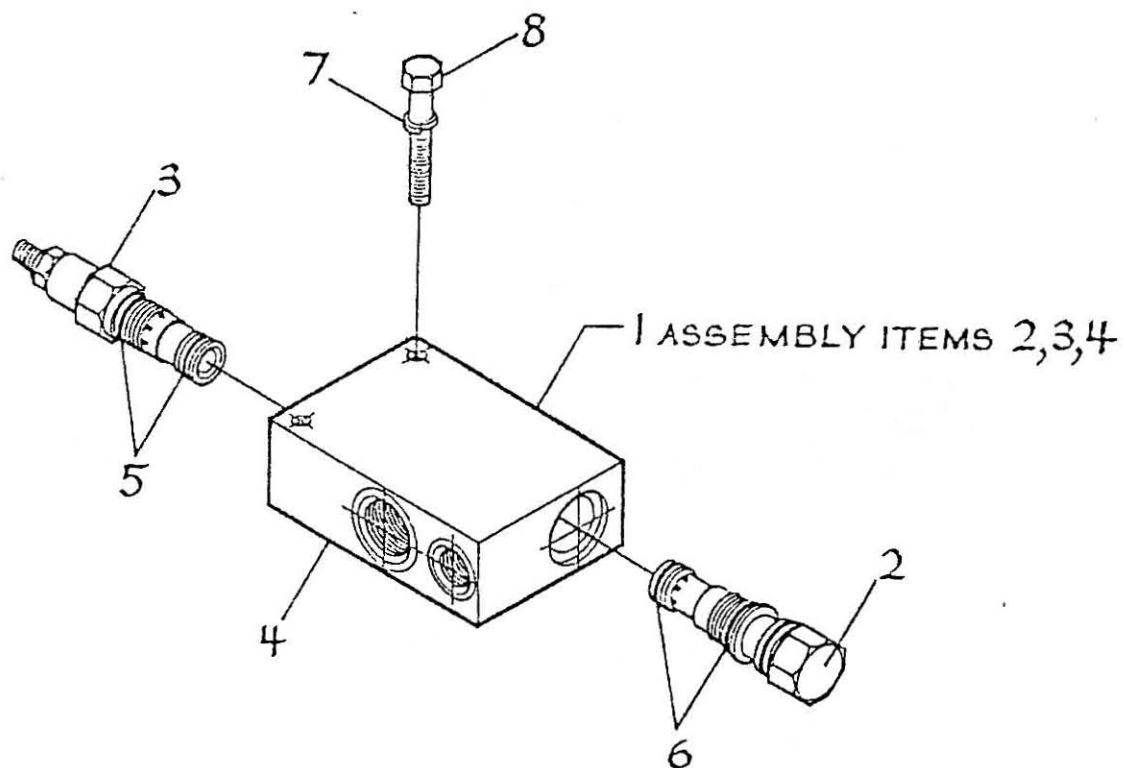
37A

SHEET
NUMBER

LOGIC BLOCK ASSEMBLY / SS-835

DRAWING
NUMBER

F4-1098



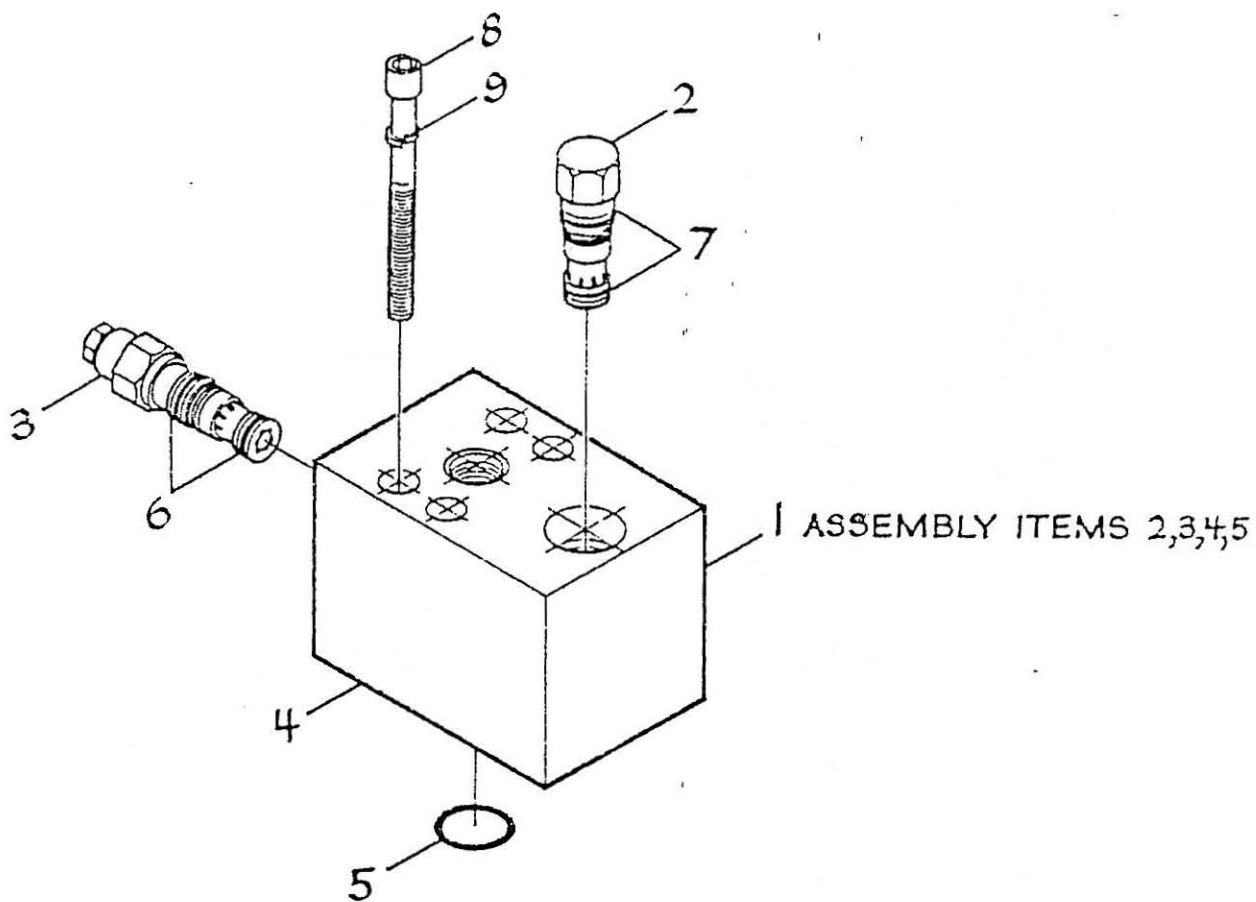
ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-09	BY-PASS VALVE ASSEMBLY	1
2	7-234-11	CARTRIDGE / NORM. OPEN	1
3	7-234-17	CARTRIDGE / NEEDLE	1
4	7-234-20	BODY	1
5	7-234-31	SEAL KIT	1
6	7-234-29	SEAL KIT	1
7	6-6211-05	LOCKWASHER 5/16	2
8	6-5205-14	CAPSCREW 5/16 NC * 1 3/4 LG.	2

DRAWING
NUMBER

P3-1099

BY-PASS VALVE / SS-836

SHEET
NUMBER 38A



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	6-5606-28	CAPSCREW 3/8 NC * 3 1/2 LG.	4
9	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4

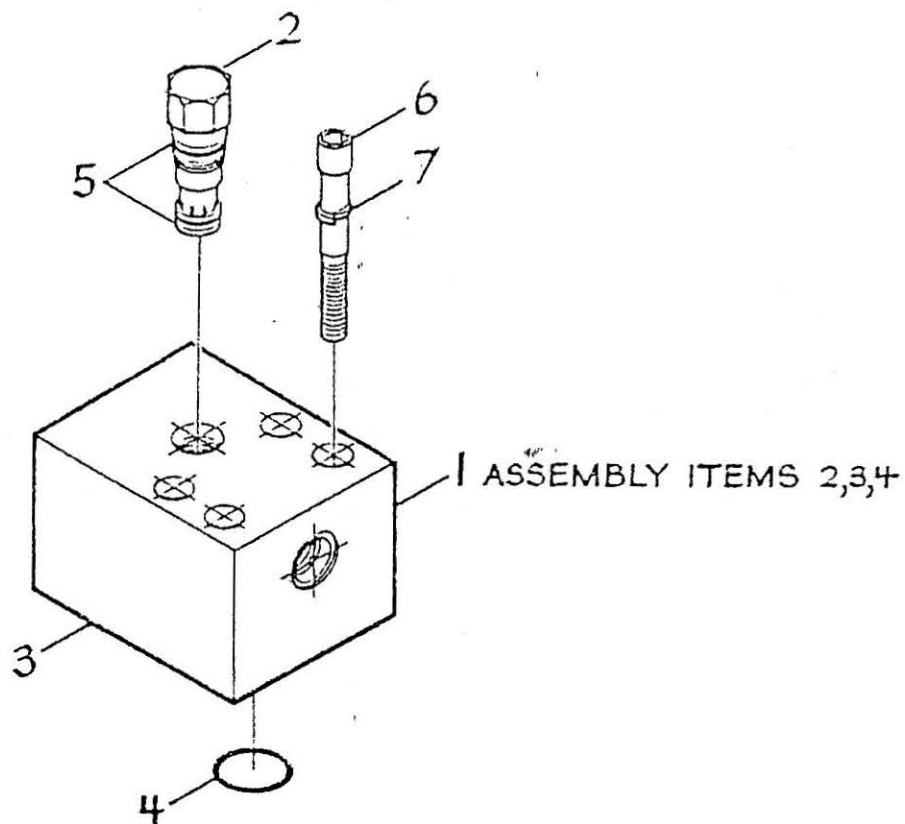
39A

SHEET
NUMBER

MOTION VALVE ASSEMBLY

DRAWING
NUMBER

P3-1097



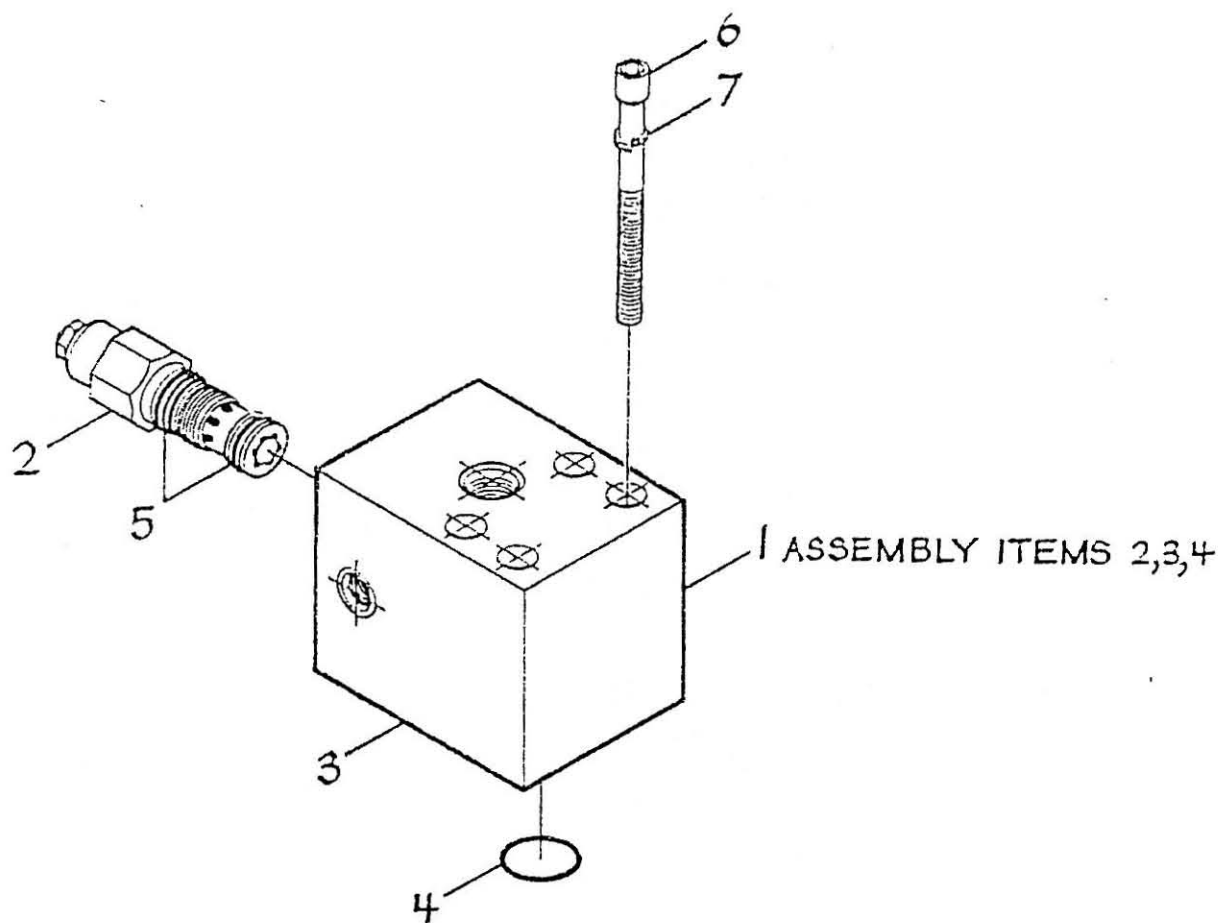
ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-02	MOTION VALVE ASSEMBLY	1
2	7-234-16	CARTRIDGE / CHECK	1
3	7-234-24	BODY	1
4	7-234-32	O-RING	1
5	7-234-31	SEAL KIT	1
6	6-5606-22	CAPSCREW 3/8 NC * 2 3/4 LG.	4
7	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4

DRAWING
NUMBER

P3-1098

MOTION VALVE ASSEMBLY

SHEET
NUMBER 40A



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	6-5606-28	CAPSCREW 3/8 NC * 3 1/2 LG.	4
7	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	4

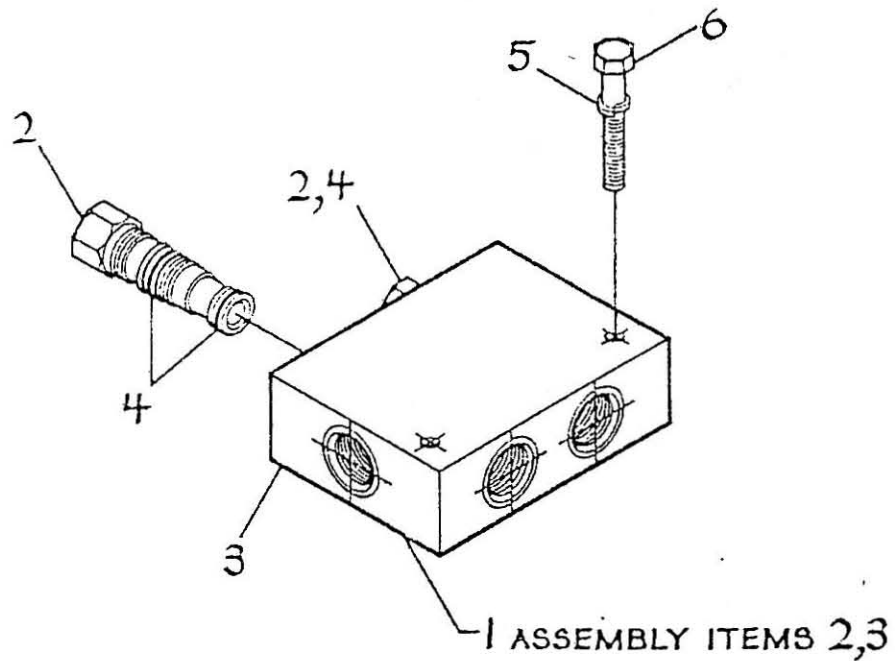
41A

SHEET
NUMBER

MOTION VALVE ASSEMBLY

DRAWING
NUMBER

F3-1096

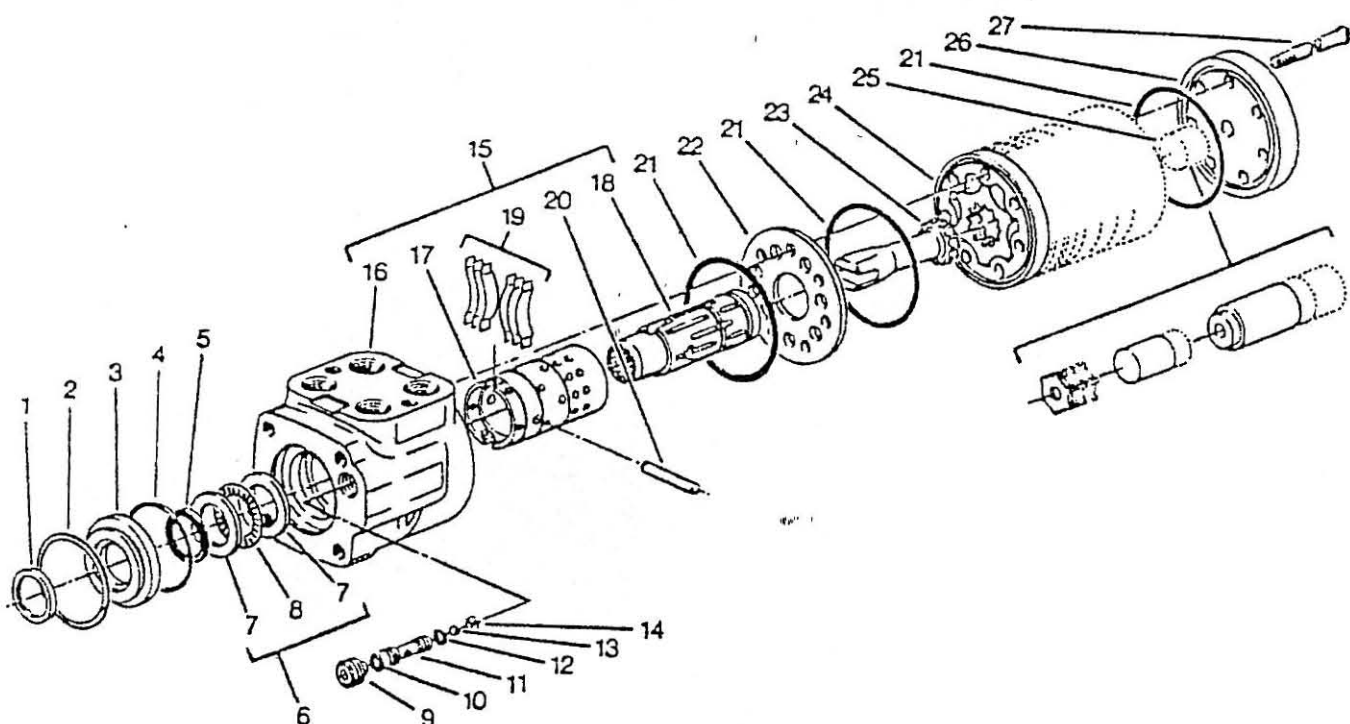


ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-04	DUEL PILOT CHECK VALVE ASSY	1
2	7-234-18	CARTRIDGE / PILOT CHECK	2
3	7-234-21	BODY	1
4	7-234-29	SEAL KIT	2
5	6-6211-05	LOCKWASHER 5/16	2
6	6-5205-14	CAPSCREW 5/16 NC * 1 3/4 LG.	2

DRAWING
NUMBER P3-1100

DUEL PILOT CHECK VALVE

SHEET
NUMBER 42A



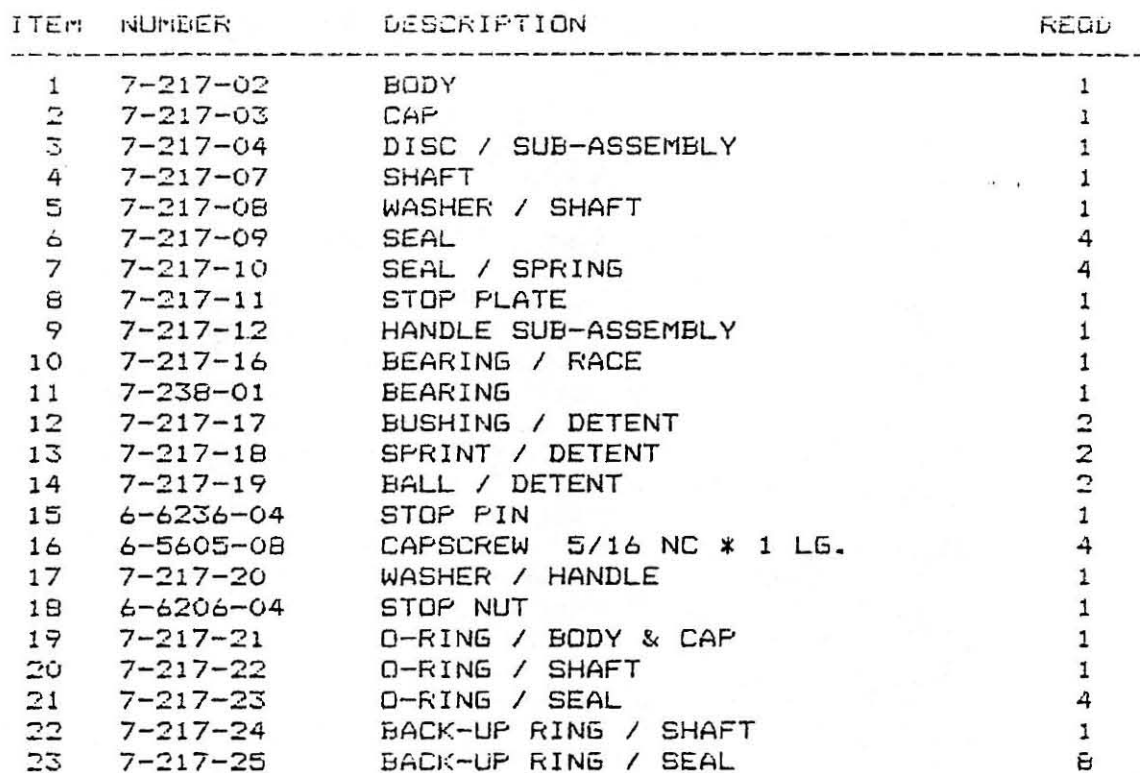
ITEM	NUMBER	DESCRIPTION	REQD
1	7-122-06	SEAL / 1 INCH ID	1
2	7-122-07	RETAIN RING	1
3	7-122-08	BUSHING / SEAL GLAND	1
4	7-122-09	SEAL / 1 7/8 INCH ID	1
5	7-122-10	SEAL / QUAD RING / 1 1/16 ID	1
6	7-122-11	BEARING / NEEDLE	1
7	7-122-12	BEARING / RACE	2
8	7-122-13	BEARING / THRUST	1
9	7-122-14	SET SCREW	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	1
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	

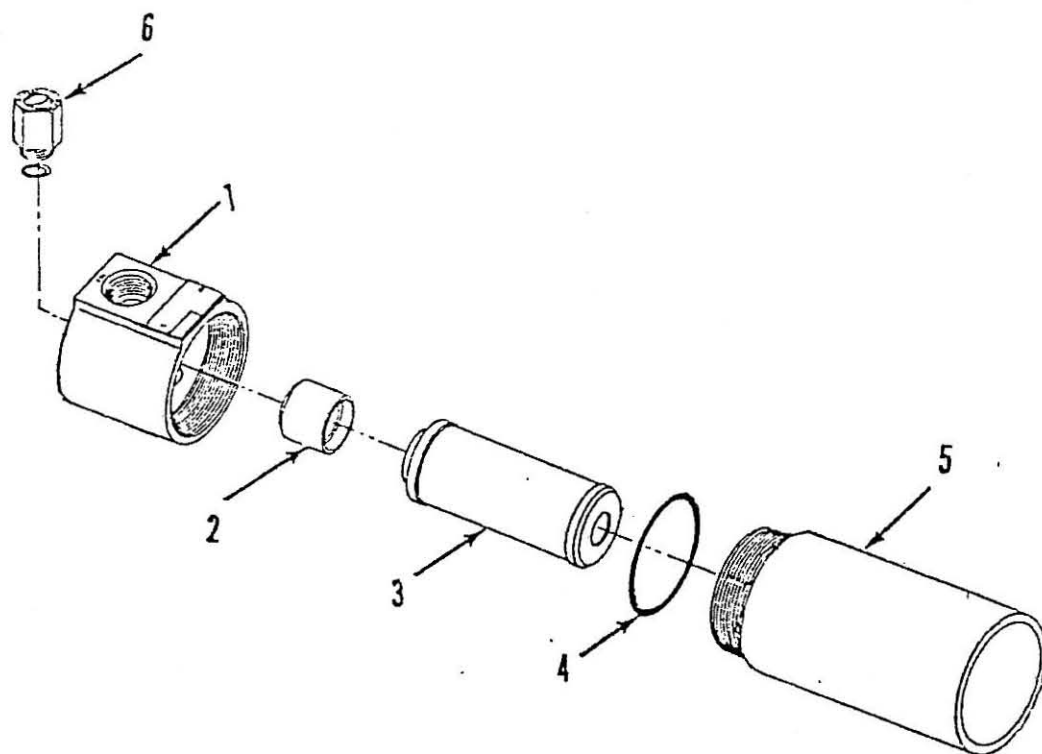
DRAWING
NUMBER

P1-1039

ORBITRAL ASSEMBLY (7-122-01)

SHEET
NUMBER 43A



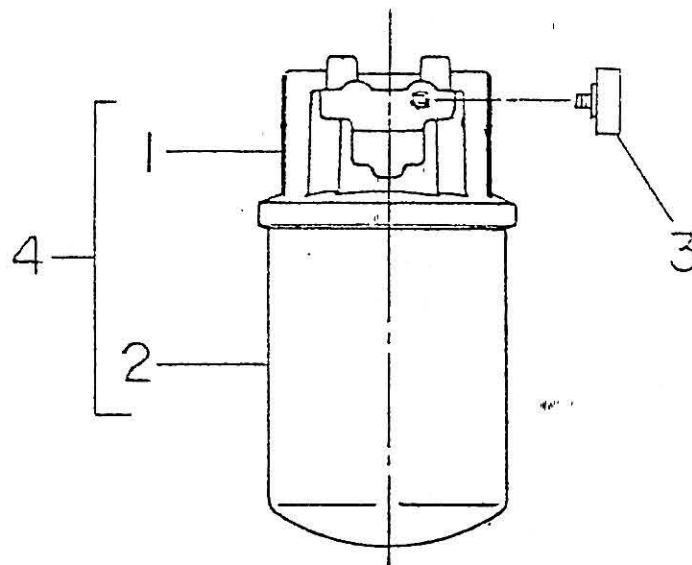


ITEM	NUMBER	DESCRIPTION	REQD
1	7-256-08	HEAD	1
2	7-256-09	BY-PASS VALVE	1
3	7-256-04	ELEMENT	1
4	7-256-10	O-RING	1
5	7-256-11	BOWL	1
6	7-256-12	VISAL INDICATOR	1

DRAWING
NUMBER P1-1059

7-256-07 PRESSURE FILTER ASSY

SHEET
NUMBER 45A



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

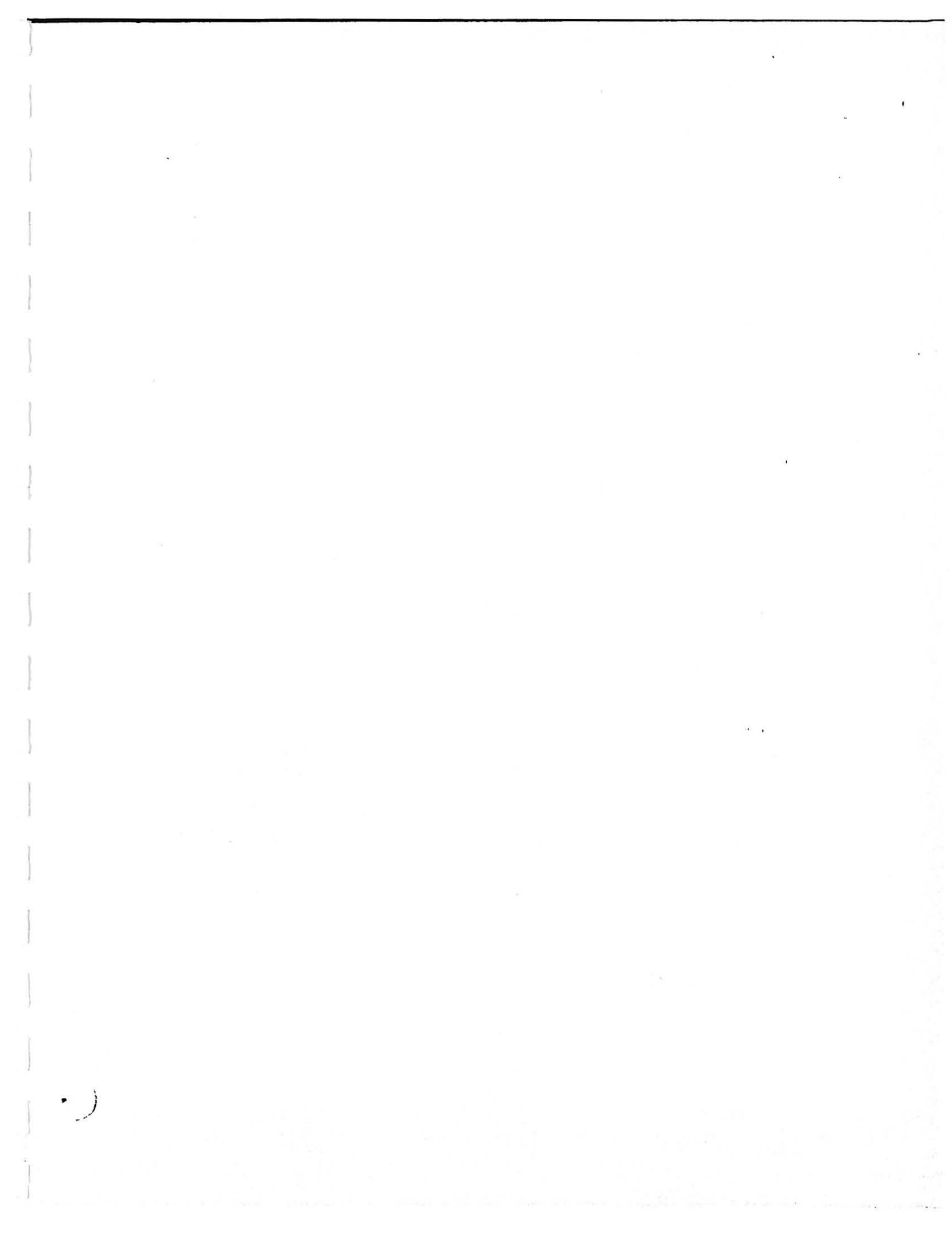
46A

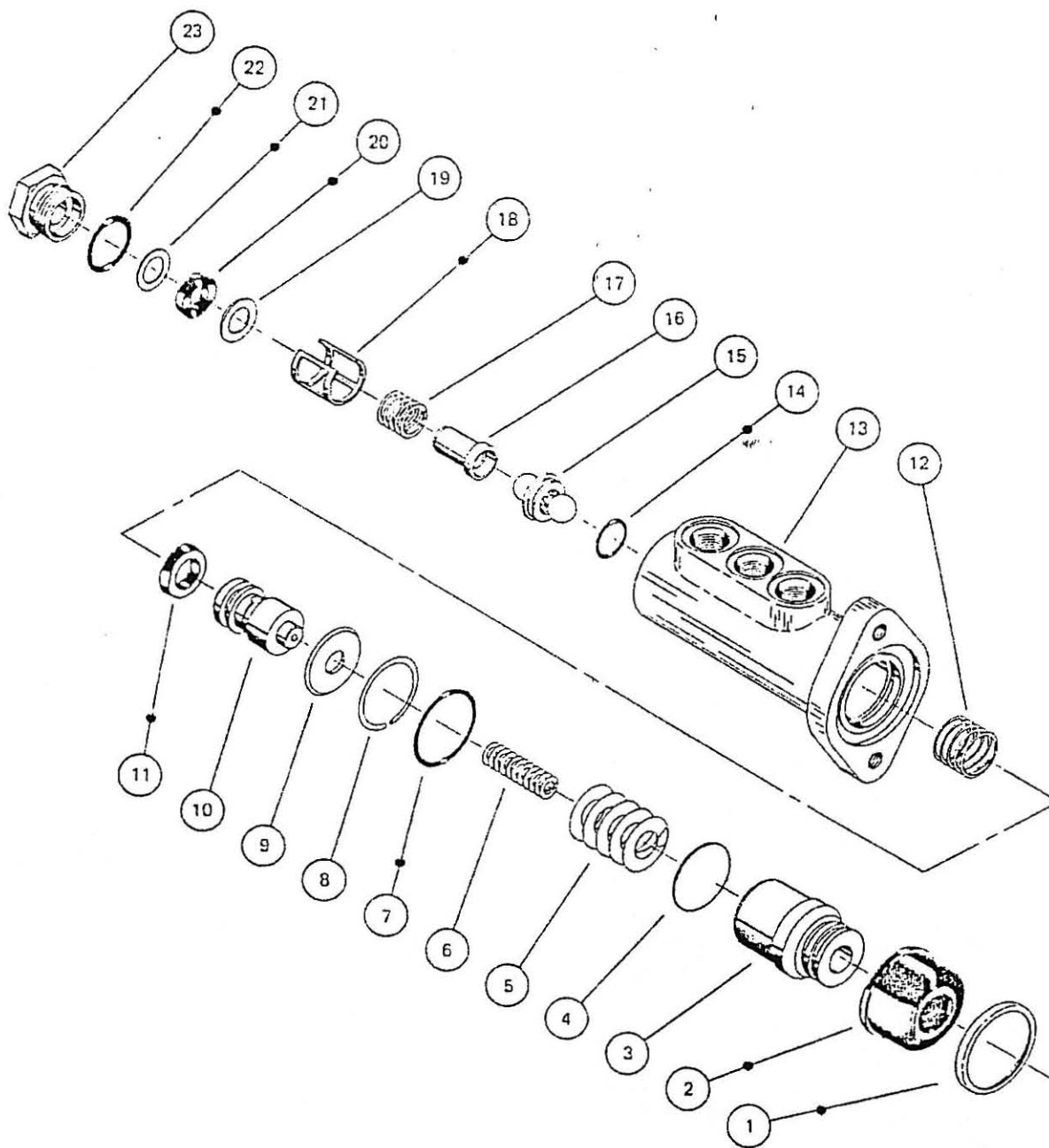
SHEET
NUMBER

7-256-02 RETURN FILTER

DRAWING
NUMBER

P1-1060





47A

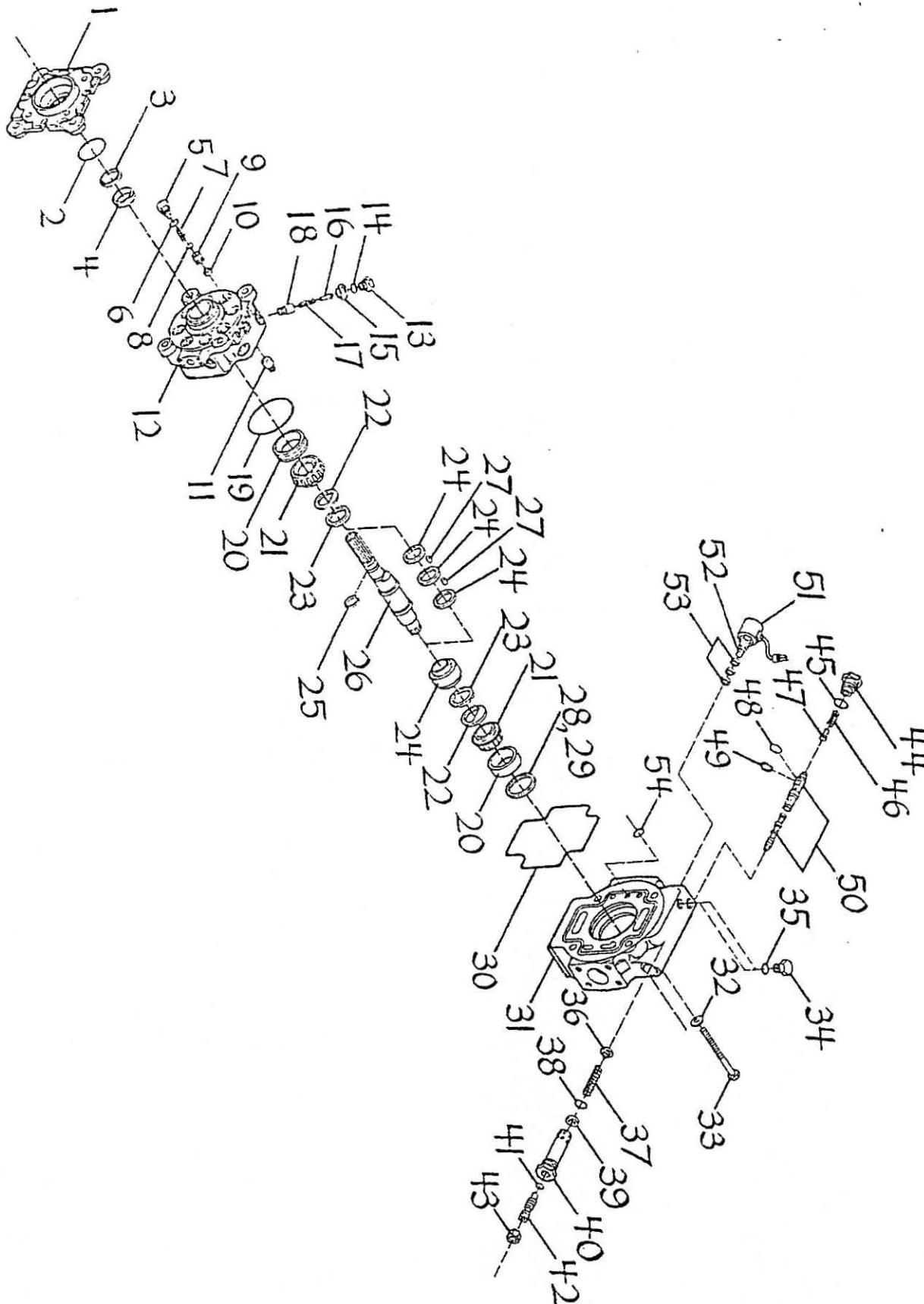
SHEET
NUMBER

BRAKE VALVE ASSEMBLY / SS-B36

DRAWING
NUMBER

F1-1029

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	7-198-26	WASHER	1
20	7-198-18	CUP	1
21	7-198-39	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	



48A

SHEET
NUMBER

HYD. PUMP ASSEMBLY / SS-B36

DRAWING
NUMBER

F4-1123

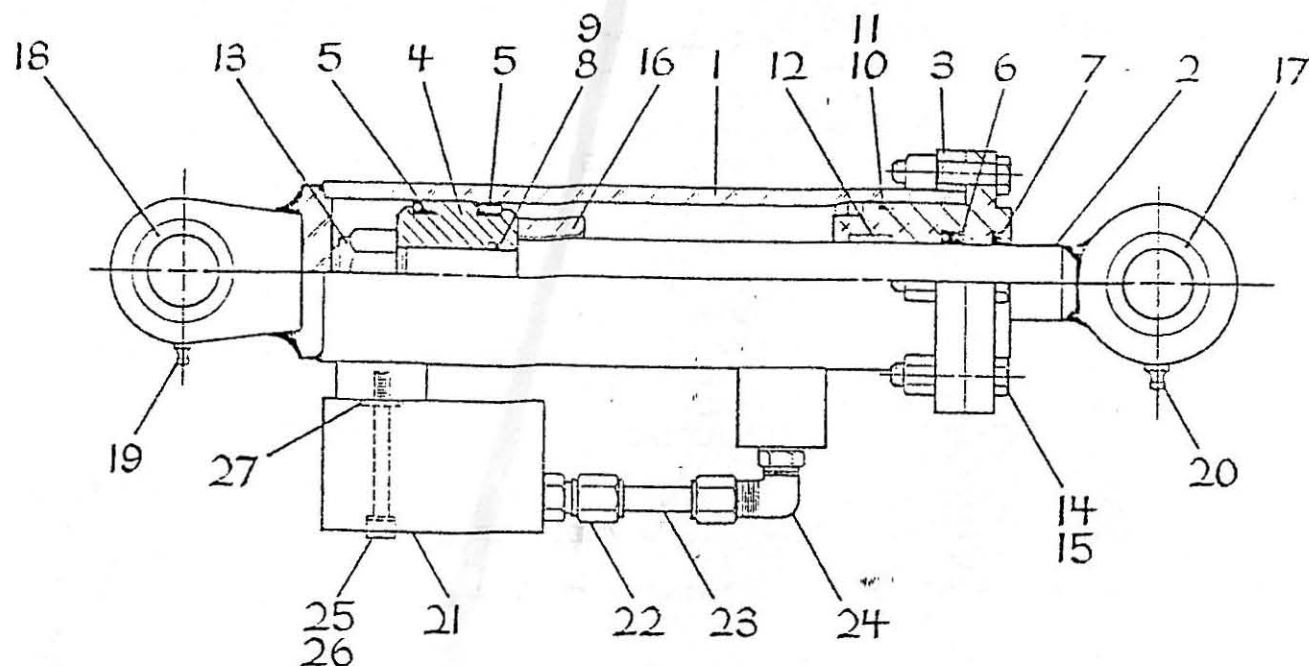
ITEM	NUMBER	DESCRIPTION	QTY
1	7-257-10	SUPPORT	1
2	7-257-11	O-RING	1
3	7-257-12	SNAP RING	1
4	7-257-13	SEAL	1
5	7-257-14	FITTING	8
6	7-257-15	O-RING	8
7	7-257-16	SPRING	8
8	7-257-17	DISK	8
9	7-257-18	GUIDE	8
10	7-257-19	VALVE SEAT	8
11	7-257-20	VALVE	8
12	7-257-21	HOUSING	1
13	7-257-22	PLUG	8
14	7-257-15	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	7-244-01	COIL / 12 VDC	1
52		CARTRIDGE	1
53	7-244-04	SEAL KIT	1
54	7-257-57	O-RING	1

DRAWING
NUMBER

P4-1123

HYD. PUMP ASSEMBLY / SS-836

SHEET
NUMBER 48B



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			
22	7-900-05	SEAL KIT	

SHEET
NUMBER

CYLINDER ASSEMBLY / ROTATE

DRAWING
NUMBER.

P4-1119

