



PARTS MANUAL

SERIAL NUMBERS:

BODY: _____

MAST: _____

GRABBER: _____

MFG. DATE: _____

Made in the U.S.A.

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SECTION 1

PARTS

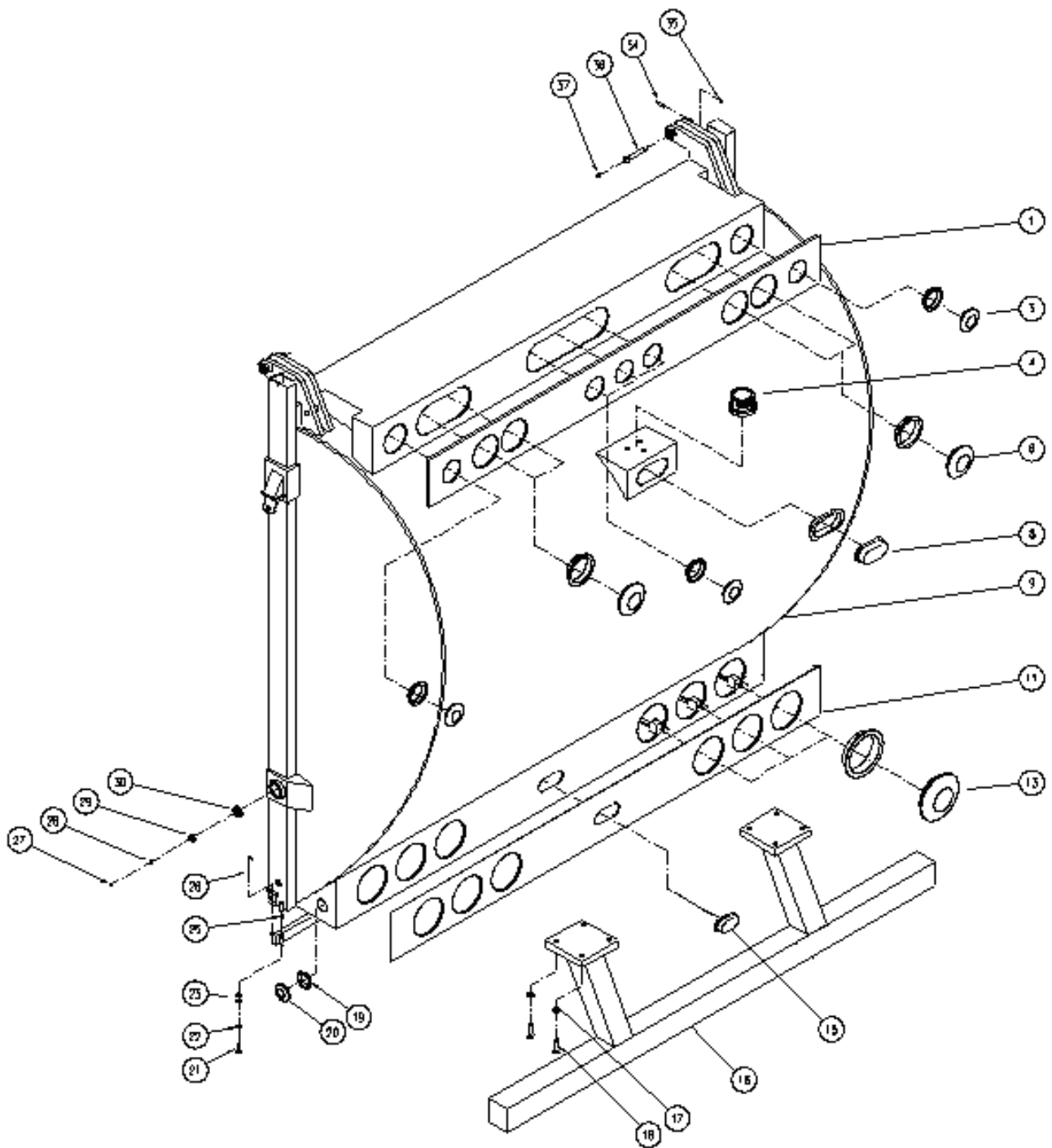
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CAUTION

Substitution of parts may affect the performance of this Champion unit and could result in malfunctions and lead to damage of equipment and injury to personnel. Only approved parts should be used to repair this unit.

Southwestern Equipment Company in an effort to improve product may change or add parts. When ordering replacement parts, specify the serial and model number of the unit being repaired so we can assure the proper part is sent.

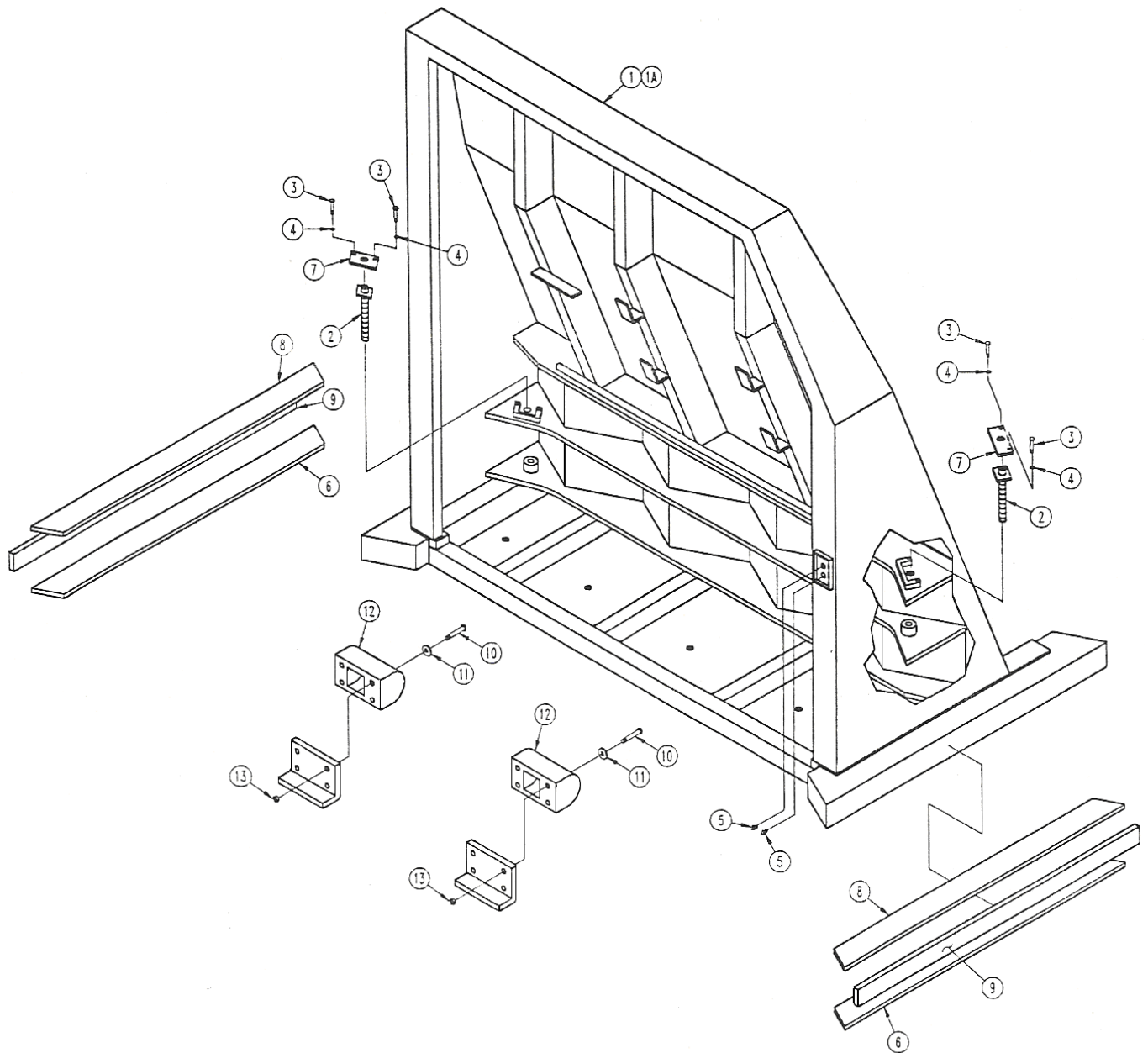
END GATE



END GATE

SEC CHAMPION			
Item	SEC Part number	QTY	Description
1	SW0050-201	1	TOP LIGHT BAR
3	SW0055-102	7	2 1/2" RED LIGHT ASSEMBLY
4	SW0055-005	1	STROBE LIGHT
5	SW0050-136	4	4" RED LIGHT ASSEMBLY
8	SW0050-116	1	6" RED OVAL STOPLIGHT
9	SW0620-380	1	END GATE
11	SW0050-200	1	BOTTOM LIGHT BAR
13	SW0050-181	2	CLEAR BACKUP LIGHT ASSEMBLY
15	SW0055-004	1	LICENSE PLATE LIGHT
16	SW0620-313	1	REMOVABLE BUMPER
17	SW0670-056	8	LOCKWASHER
18	SW0600-741	8	BOLT
20	SW0055-001	2	2 1/2" AMBER LIGHT ASSEMBLY
21	SW0600-388	2	CAPSCREW
22	SW0066-220	4	FENDER WASHER
25	SW0041-271	2	MACHINED BUSHING
26	SW0620-220	2	SPRING LOADED LATCH
27	SW0041-046	4	LUBE FITTING
28	SW0045-112	2	SNAP RING
29	SW0062-377	2	MACHINED BUSHING
30	SW0620-372	2	GATE LATCH ROLLER
34	SW0064-856	2	CAPSCREW
35	SW0065-164	2	HEX NUT
36	SW0620-246	2	REAR DOOR HINGE PIN
37	SW0041-046	4	LUBE FITTING

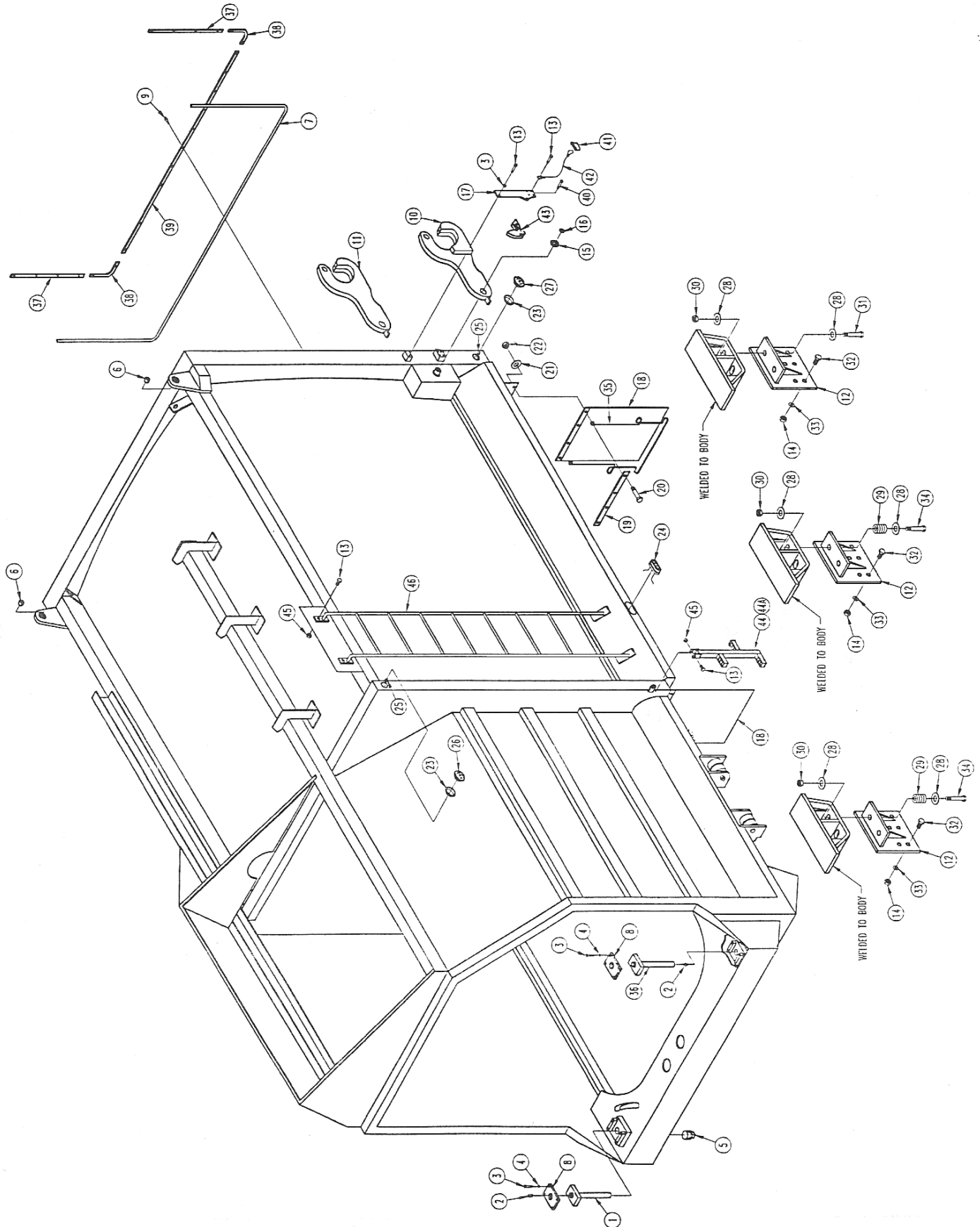
PACKER BLADE



PACKER BLADE

SEC CHAMPION			
Item	SEC Part number	QTY	Description
1	SW0620-550	1	PACKER STRUCTURE, L.H. BODY
1A	SW0620-560	1	PACKER STRUCTURE, R.H. BODY
2	SW0620-552	2	PACKER CYLINDER PIN
3	SW0060-741	4	CAPSCREW, 1/2" X 1"
4	SW0067-056	2	LOCKWASHER, 1/2"
5	SW0041-134	2	GREASE ZERT
6	SW0620-613	2	BOTTOM WEAR PLATE
7	SW0620-554	2	PIN COVER PLATE
8	SW0620-612	2	TOP WEAR PLATE
9	SW0620-611	2	WEAR PLATE
10	SW0660-828	8	CAPSCREW, 1/2" X 3"
11	SW0660-055	8	1/2" FLATWASHER
12	SW0044-201	2	RUBBER BUMPER
13	SW0065-209	8	HEX NUT, 1/2"

BODY MOUNTS



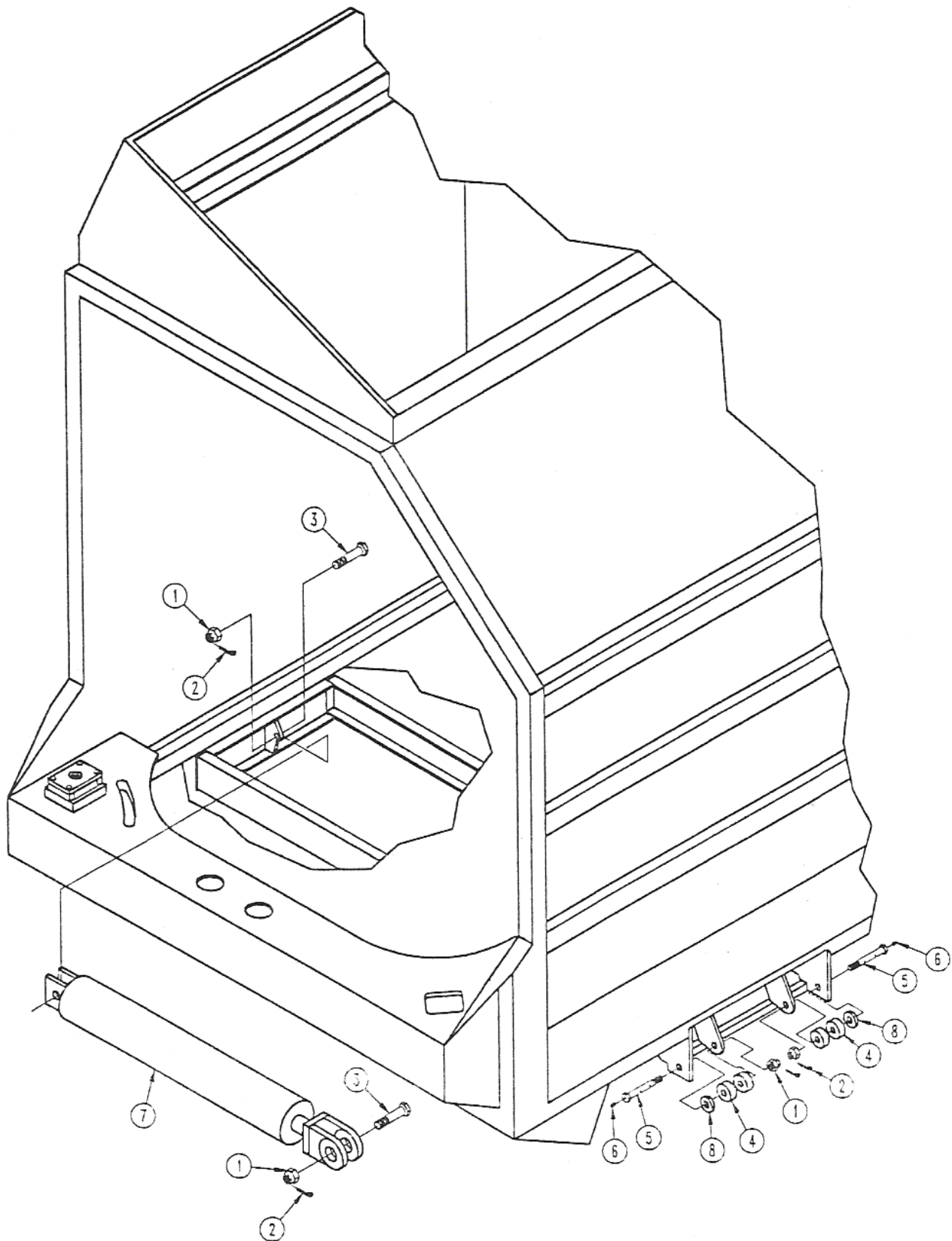
BODY MOUNTS

SEC CHAMPION			
Item	SEC Part number	QTY	Description
1	SW0620-552	2	BODY CYLINDER PIN STR.,
2	SW0041-134	2	GREASE ZERT
3	SW0060-203	8	CAPSCREW
4	SW0067-026	8	LOCKWASHER
5	SW0420-347	1	PLUG, 2"
6	SW0044-302	2	BRONZE BUSHING
7	SW0620-249	1	REAR DOOR SEAL
8	SW0620-629	2	PIN RETAINER PLATE
9	SW0045-156	42	RIVETS
10	SW0620-191	1	LATCH STRUCTURE, L.H.
11	SW0620-190	1	LATCH STRUCTURE, R.H.
12	SW0620-254	6	CENTER MOUNTING BRACKETS
13	SW0060-388	11	CAPSCREW
14	SW0065-070	36	HEX NUT
15	SW0620-379	2	FLAT BUSHING
16	SW0045-116	2	SNAP RING
17	SW0620-195	2	OUTSIDE PLATE
18	SW0605-148	4	SEC MUD FLAPS
19	SW2440-031	4	MUD FLAP STRAPS
20	SW0060-036	16	CAPSCREWS, 1/4"
21	SW0067-015	16	LOCKWASHER, 1/4"
22	SW0065-013	16	HEX NUTS, 1/4"
23	SW0050-350	4	GROMMET
24	SW0050-105	2	TURN SIGNAL LAMP, AMBER
25	REF		WIRING HARNESS
26	SW0050-001	2	MARKER LAMP, AMBER
27	SW0050-002	2	MARKER LAMP, RED
28	SW0660-090	24	FLAT WASHERS
29	SW0044-127	8	SPRINGS
30	SW0065-247	12	HEX NUTS
31	SW0064-284	4	CAPSCREWS

BODY MOUNTS

SEC CHAMPION			
Item	SEC Part number	QTY	Description
32	SW0061-158	36	CAPSCREW
33	SW0067-072	36	LOCKWASHER
34	SW0064-273	8	CAPSCREW
35	SW0044-110	4	MUDFLAP ANTI-SWAY
36	SW0620-552		BODY CYLINDER PIN (SAME AS ITEM#1)
37	SW0620-256	2	SEAL RETAINER SIDE STRIP
38	SW0620-258	2	SEAL RETAINER CORNER STRIP
39	SW0620-257	1	SEAL RETAINER BOTTOM STRIP
40	SW0620-426	4	CAPSCREW
41	SW0040-799	2	SNAP PIN
42	SW0620-207	2	PIN ASSEMBLY
43	SW0620-200	2	SAFETY LOCK
44	SW0620-450	1	L.H. PIVOT LADDER STR.
44A	SW0620-451	1	R.H. PIVOT LADDER STR.
45	SW0065-180	3	HEX NUTS
46	SW0620-462	1	BODY LADDER STR.

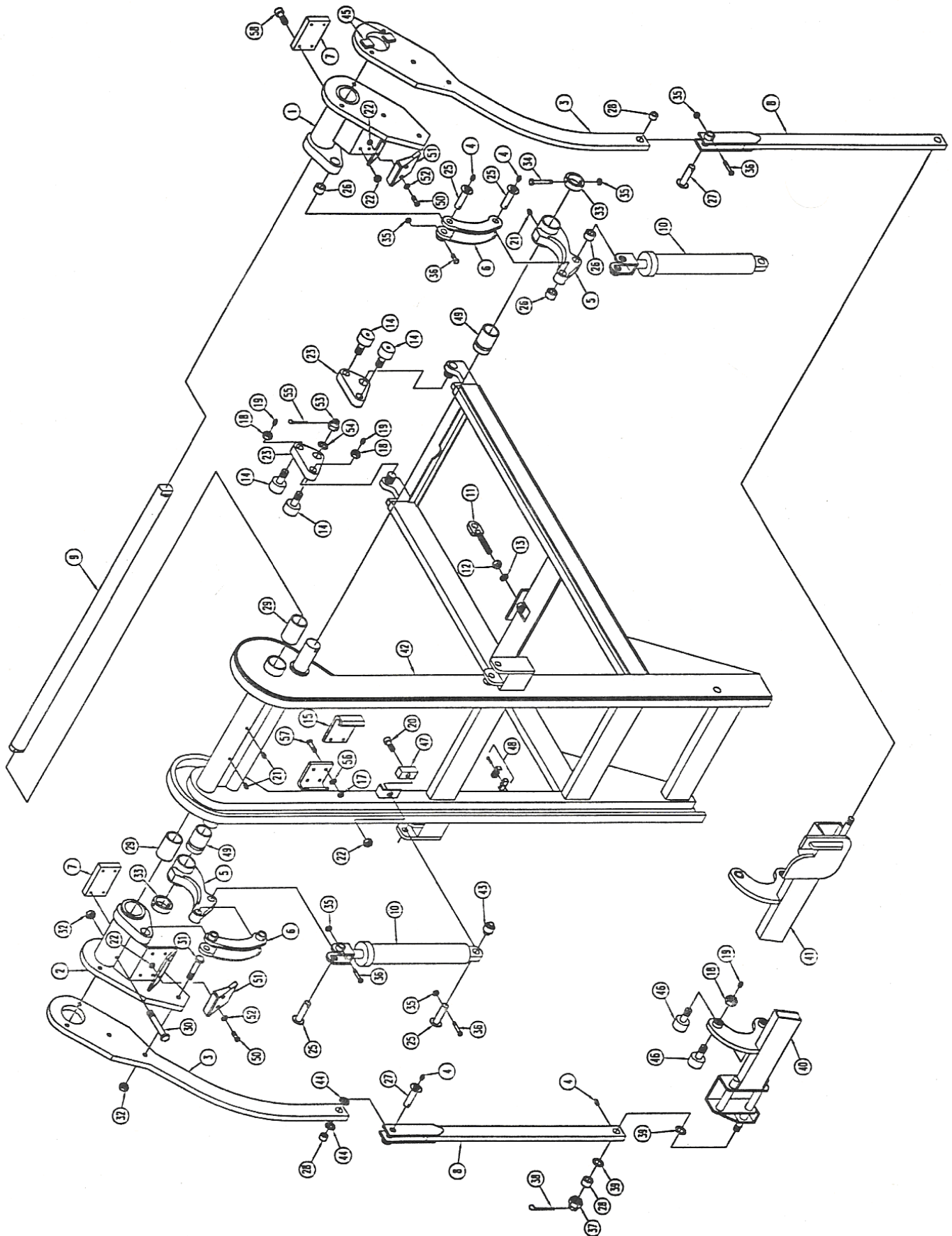
UNDERCARRIAGE



UNDERCARRIAGE

SEC CHAMPION			
Item	SEC Part number	QTY	Description
1	SW0065-763	4	HEX NUTS-SLOTTED
2	SW0040-512	4	COTTER PINS
3	SW6020-795	2	DRILLED CAPSCREWS
4	SW0044-525	4	3" CAM FOLLOWER
5	SW6020-765	2	MODIFIED CAPSCREWS
6	SW0041-032	2	GREASE ZERTS
7	SW0020-138	1	CYLINDER
8	SW0620-261	2	SPACER

MAST



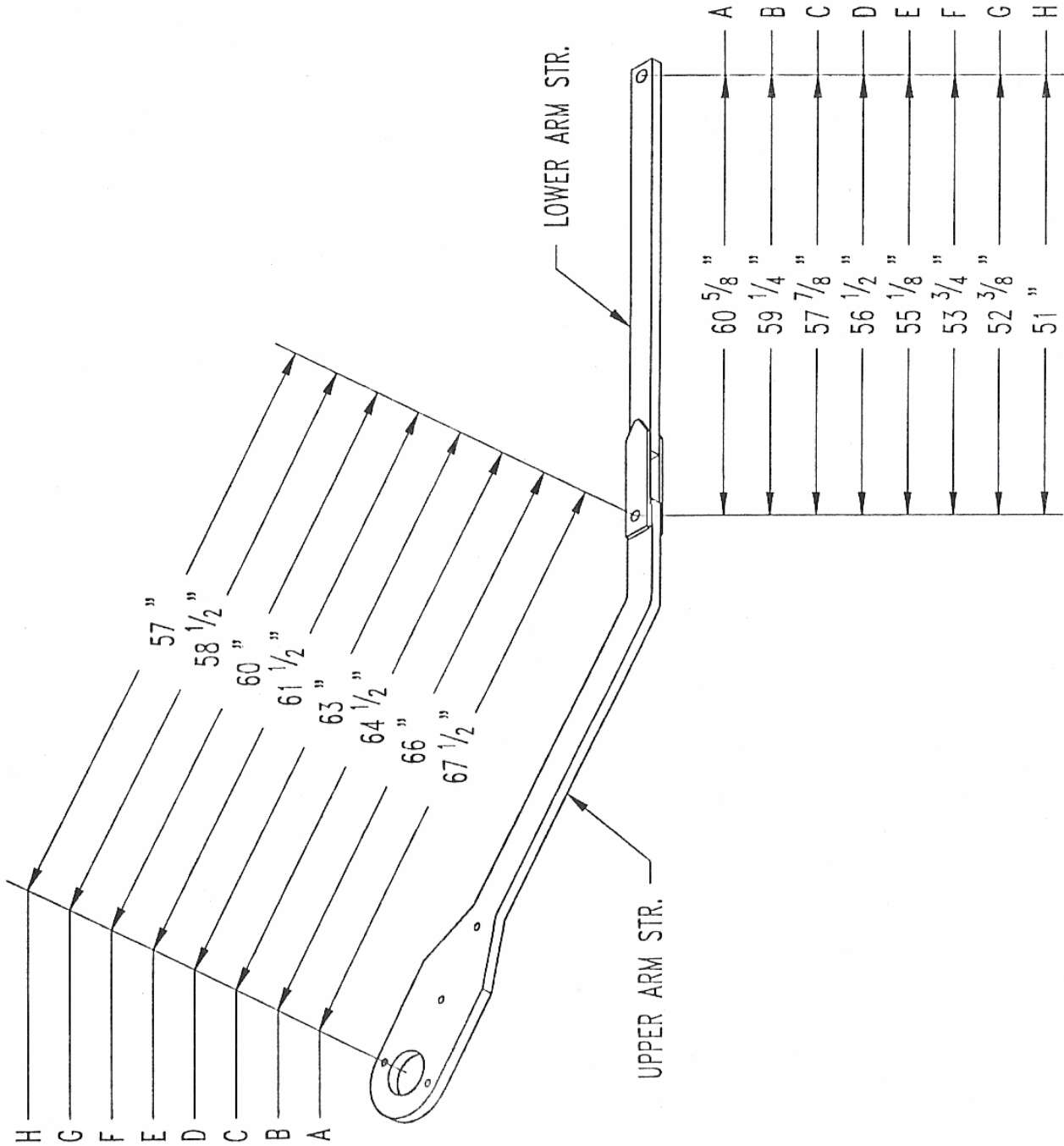
MAST

SEC CHAMPION			
Item	SEC Part number	QTY	Description
1	SW0603-708	1	R.H. SIDE PLATE STRUCTURE
2	SW0603-716	1	L.H. SIDE PLATE STRUCTURE
3	REF.	2	UPPER ARM
4	SW0041-032	2	LUBE FITTING
5	SW0603-775B	2	LOWER LINK STRUCTURE
6	SW0603-804	2	UPPER LINK STRUCTURE
7	SW0604-326	2	SPACER BLOCK
8	REF.	2	LOWER ARM STRUCTURE
9	SW0603-986	1	CROSS SHAFT
10	SW0020-077	2	LIFT CYLINDERS
11	SW0604-151	1	EAR STRUCTURE
12	SW0065-107	1	HEX NUT
13	SW0067-109	1	LOCKWASHER
14	SW0603-054	4	CAM FOLLOWER
15	SW0604-428	2	MAST GUIDE
16	SW0041-099	2	LUBE FITTING
17	SW0065-054	8	HEX NUT
18	SW0065-964	8	HEX JAM NUTS
19	SW0041-123	8	LUBE FITTINGS
20	SW0064-232	2	CAPSCREWS
21	SW0041-134	4	LUBE FITTINGS
22	SW0065-209	14	HEX NUTS
23	SW0603-075	2	ROCKER PLATE
24			
25	SW0603-849	8	PIN STRUCTURE
26	SW0044-306	6	BRONZE BUSHING
27	SW0603-214	2	PIN STRUCTURE
28	SW0605-036	4	BRONZE BUSHING
29	SW0603-975	2	BRONZE BUSHING
30	SW0061-499	2	CAPSCREW
31	SW0061-435	8	CAPSCREW

MAST
(continued)

SEC CHAMPION			
Item	SEC Part number	QTY	Description
32	SW0065-532	10	HEX NUT
33	SW0603-865	2	BUSHING
34	SW0060-517	2	CAPSCREWS
35	SW0065-180	12	HEX NUT
36	SW0060-445	10	CAPSCREW
37	SW0065-918	2	HEX NUT
38	SW0040-518	2	COTTER PIN
39	SW0041-290	4	MACHINED BUSHING
40	SW0603-555	1	LIFT STRUCTURE
41	SW0604-496	1	LIFT STRUCTURE (PAC-MOR STYLE)
42	REF	1	MAST STRUCTURE
43	SW0044-407	2	SWIVEL BUSHING
44	SW0041-483	4	MACHINED BUSHING
45	SW0604-177	4	FLAT, MCL
46	SW0603-054	4	MODIFIED CAM FOLLOWER
47	SW0602-249	2	WEAR PAD
48	SW0045-238	2	DOUBLE HOSE CLAMP
49	SW0603-976	2	BRONZE BUSHING
50	SW0064-531	4	CAPSCREW
51	SW0604-327	2	PAC-MOR PAD STRUCTURE
52	SW0041-365	2	MACHINED BUSHING
53	SW0065-920	2	2" NYLOCK NUT
54	SW0041-365	2	MACHINED BUSHING
55	SW0040-538	2	COTTER PIN
56	SW0067-056	8	LOCKWASHERS
57	SW0060-773	8	CARRIAGE BOLTS
58	SW0064-531	8	CAPSCREWS

ARMS



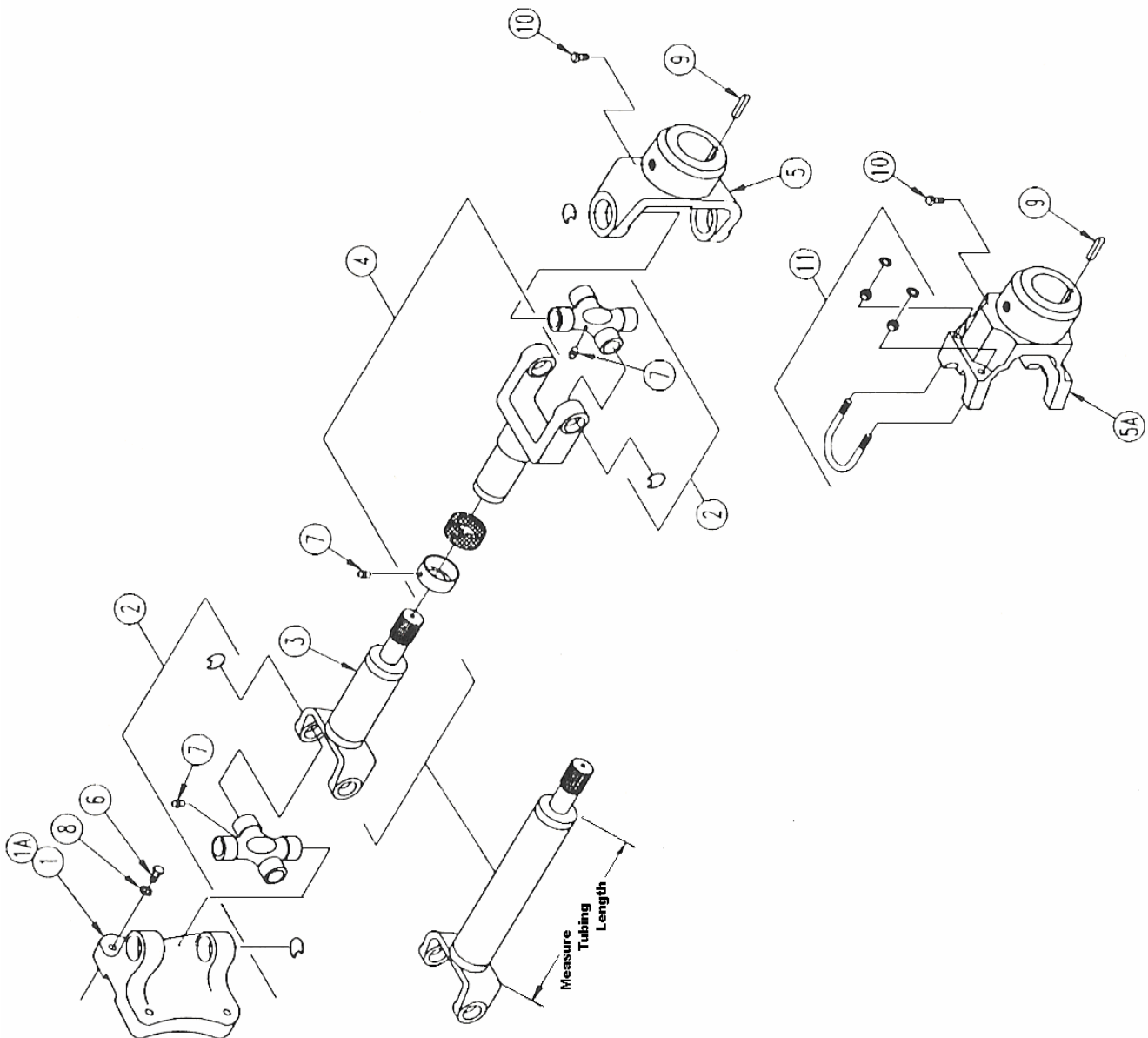
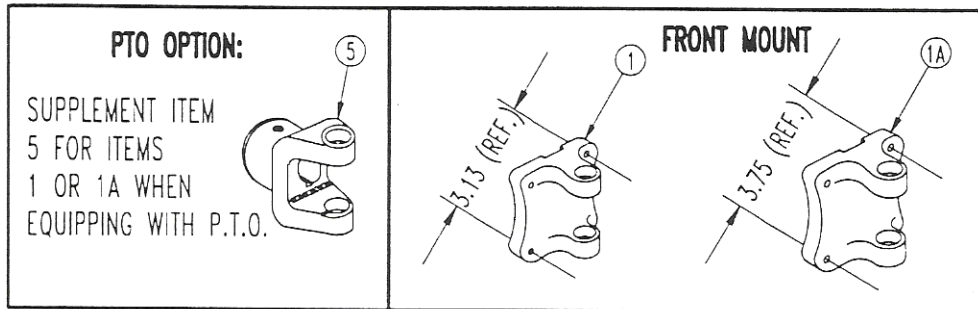
ARMS

SEC CHAMPION			
Item	SEC Part number	QTY	Description
A	SW0603-689	2	UPPER ARM (67 1/2")
	SW0603-599	2	LOWER ARM (60 5/8")
B	SW0603-681	2	UPPER ARM (66")
	SW0603-601	2	LOWER ARM (59 1/4")
C	SW0603-682	2	UPPER ARM (64 1/2")
	SW0603-603	2	LOWER ARM (57 1/2")
D	SW0603-684	2	UPPER ARM (63")
	SW0603-605	2	LOWER ARM (56 1/2")
E	SW0603-685	2	UPPER ARM (61 1/2")
	SW0603-607	2	LOWER ARM (60")
F	SW0603-686	2	UPPER ARM (60")
	SW0603-609	2	LOWER ARM (53 3/4")
G	SW0603-687	2	UPPER ARM (58 1/2")
	SW0603-611	2	LOWER ARM (52 3/8")
H	SW0603-688	2	UPPER ARM (57")
	SW0603-613	2	LOWER ARM (51")

SECTION 2 HYDRAULICS

DRIVE LINE	2-1, 2-2
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DRIVE LINE



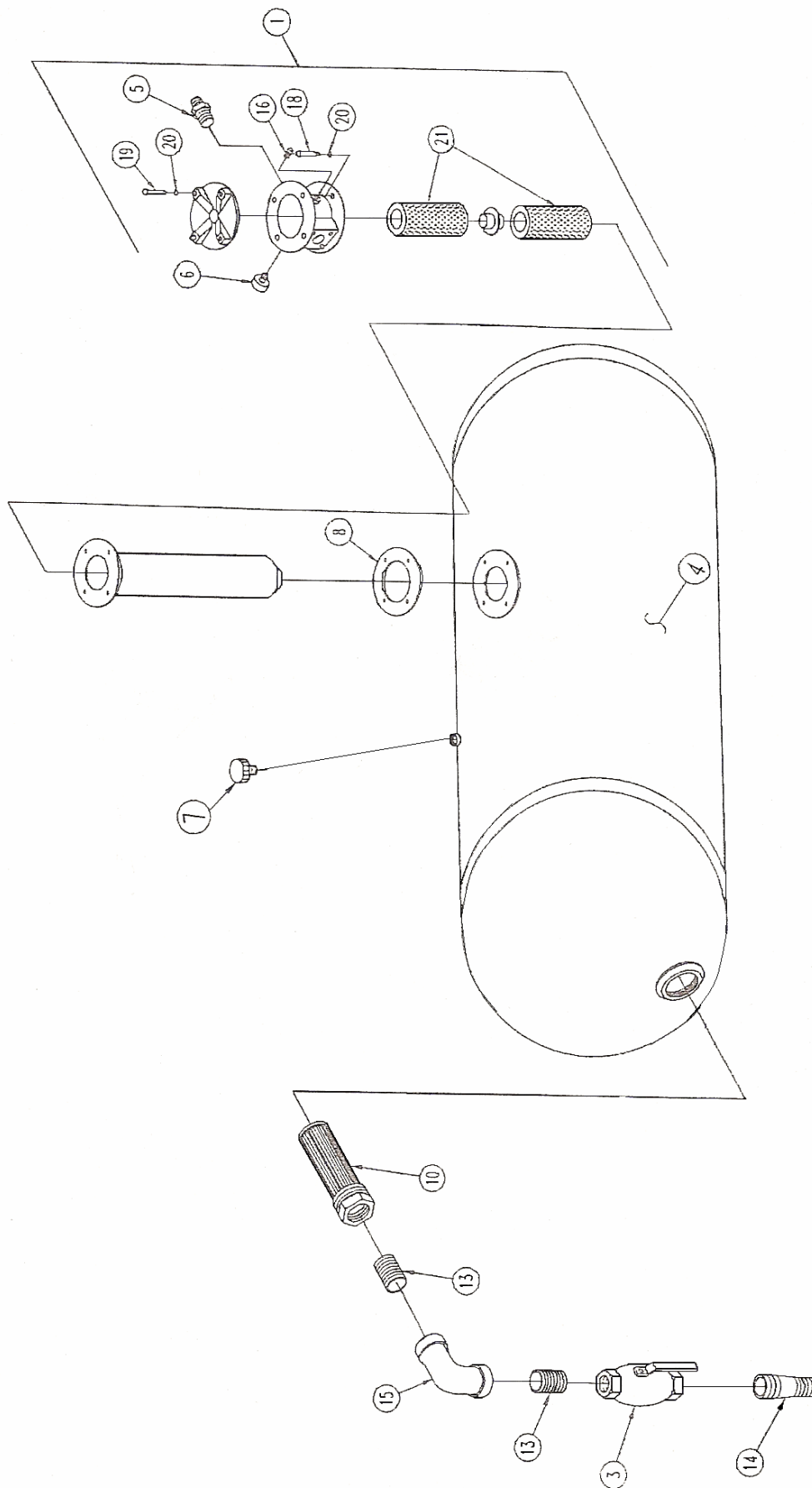
DRIVE LINE

SEC CHAMPION			
Item	SEC Part number	QTY	Description
1	SW0930-003	1	FLANGE YOKE
1A	SW0930-004	1	FLANGE YOKE
2	SW0930-011	2	U-JOINT
3	SW0930-029	1	YOKE AND SHAFT
4	SW0930-030	1	FEMALE SLIP YOKE
5	SW0930-040	1	YOKE
5A	SW0930-041	1	YOKE
6	SW0064-606	4	CAPSCREW
7	SW0041-032	3	LUBE FITTING
8	SW0067-045	4	LOCKWASHERS
9	SW0190-959	1	KEY
10	SW0064-622	1	SET SCREW
11	SW0930-043	1	U-BOLT KIT

CONTROL VALVE

SEC CHAMPION			
Item	SEC Part number	QTY	Description
	SW0024-019	1	CONTROL VALVE
	SW0024-020	1	W/1 OPTIONAL SECTION
	SW0024-021	1	W/2 OPTIONAL SECTIONS
1	SW0026-200	1	INLET
2	SW0026-201	1	VALVE SECTION
3	SW0026-202	1	VALVE SECTION
4	SW0026-203	1	VALVE SECTION
5	SW0026-205	1	MID INLET
6	SW0026-214	1	VALVE SECTION
7	SW0026-208	1	OUTLET
8	SW0026-204	2	VALVE SECTION (OPTIONAL)
9	SW0026-215	4	STUD ASSM. (SW0024-019)
9A	SW0026-209	4	STUD ASSM. (SW0024-020)
9B	SW0026-210	4	STUD ASSM. (SW0024-021)
10	SW0026-211	1	PNEUMATIC ACTIVATOR ASSEMBLY
11	SW0026-144	1	PNEUMATIC ACTIVATOR KIT
12	SW0026-134	1	SEAL KIT
13	SW0026-136	1	SEAL KIT
14	SW0026-137	1	SEAL KIT
15	SW0026-128	1	SEAL KIT

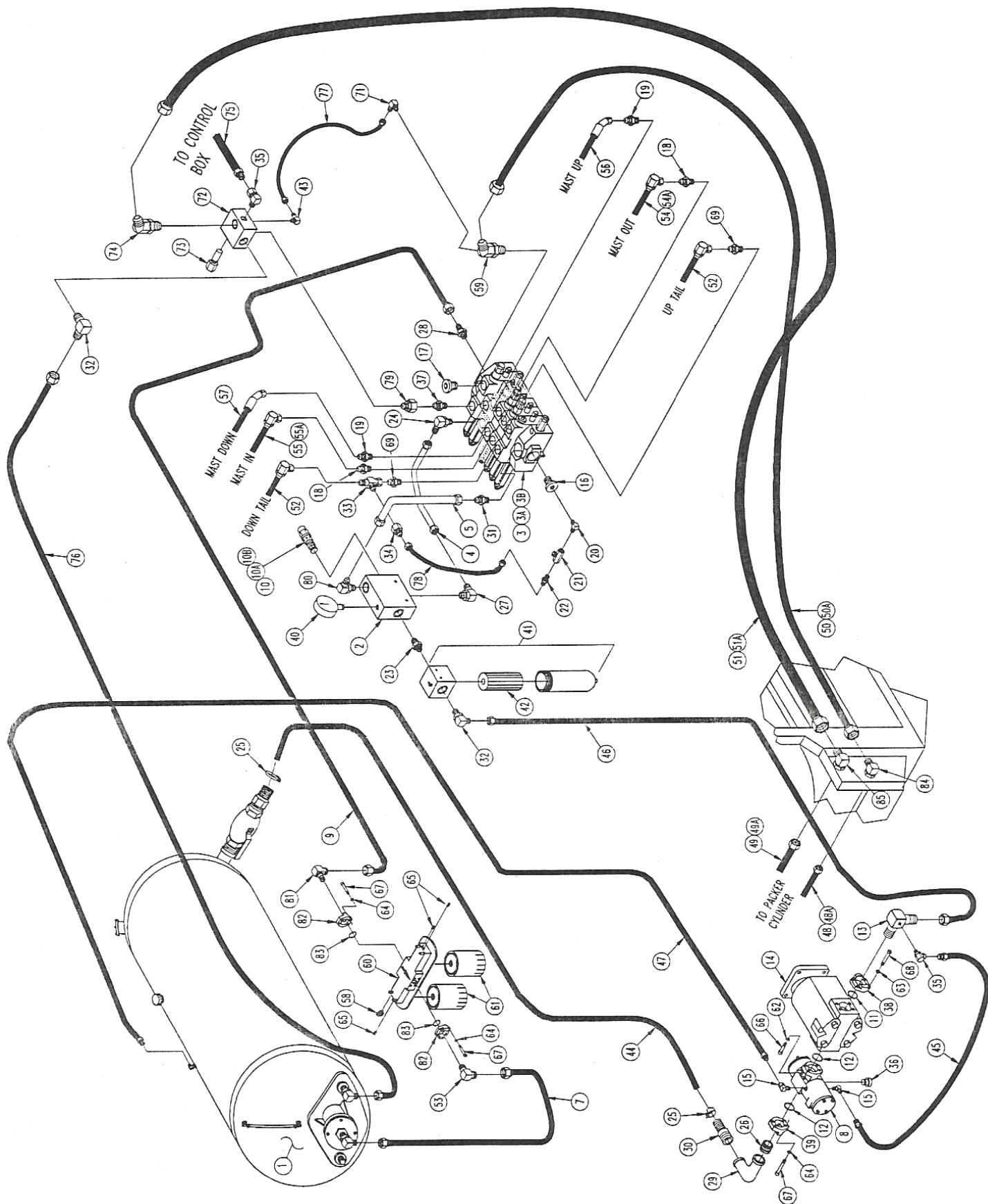
HYDRAULIC TANK ASSEMBLY



HYDRAULIC TANK ASSEMBLY

SEC CHAMPION			
Item	SEC Part number	QTY	Description
1	SW0600-448	1	FILTER ASSEMBLY
3	SW0024-042	1	BALL VALVE
4		1	TANK
5	SW0034-908	1	ADAPTER
6	SW0039-041	1	GAUGE
7	SW0034-890	1	BREATHER CAP
8	SW0039-011	2	GASKET
10	SW0039-121	1	SUCTION STRAINER
13	SW0041-808	1	2.00 NIPPLE
14	SW0041-846	1	2.00 KC NIPPLE
15	SW0042-120	1	2.00 ELL
16	SW0042-264	1	
18	SW0035-460	4	CAPSCREW .38 X 1.25
19	SW0060-407	4	CAPSCREW .38 X 1.50
20	SW0067-034	8	.38 LOCK WASHER
21	SW0039-022	2	ELEMENT

HYDRAULIC SYSTEM



HYDRAULIC SYSTEM

SEC CHAMPION			
Item	SEC Part number	QTY	Description
1	SW0620-270	1	TANK ASSEMBLY
2	SW0039-141	1	CARTRIDGE BLOCK
3	SW0024-019	1	VALVE
3A	SW0024-020	1	VALVE (W/1 OPTION)
3B	SW0024-021	1	VALVE (W/2 OPTIONS)
4	SW0089-010	1	TUBE ASSEMBLY
5	SW0089-011	1	TUBE ASSEMBLY
6	SW0035-175	1	ADAPTER
7	SW0090-359	1	HOSE ASSEMBLY (SPECIFY LENGTH)
8	SW0024-032	1	DRY VALVE
9	SW0090-358	1	HOSE ASSEMBLY (SPECIFY LENGTH)
10	SW0026-022	1	20 G.P.M. CARTRIDGE
10A	SW0026-014	1	16 G.P.M. CARTRIDGE
10B	SW0026-023	1	25 G.P.M. CARTRIDGE
11	SW0027-285	1	O-RING
12	SW0027-310	2	O-RING
13	SW0604-436	1	MODIFIED FITTING
14	SW0028-019	1	PUMP
15	SW0036-459	2	ADAPTER
16	SW0065-124	1	MODIFIED FITTING
17	SW0036-459	1	PLUG
18	SW0033-507	2	ADAPTER
19	SW0033-540	2	ADAPTER
20	SW0035-900	1	ADAPTER
21	SW0024--095	1	FLOW CONTROL
22	SW0032-725	1	ADAPTER
23	SW0034-128	1	ADAPTER
24	SW0035-618	1	ADAPTER
25	SW0045-102	2	HOSE CLAMP
26	SW0041-808	1	2" NIPPLE
27	SW0035-634	1	ADAPTER

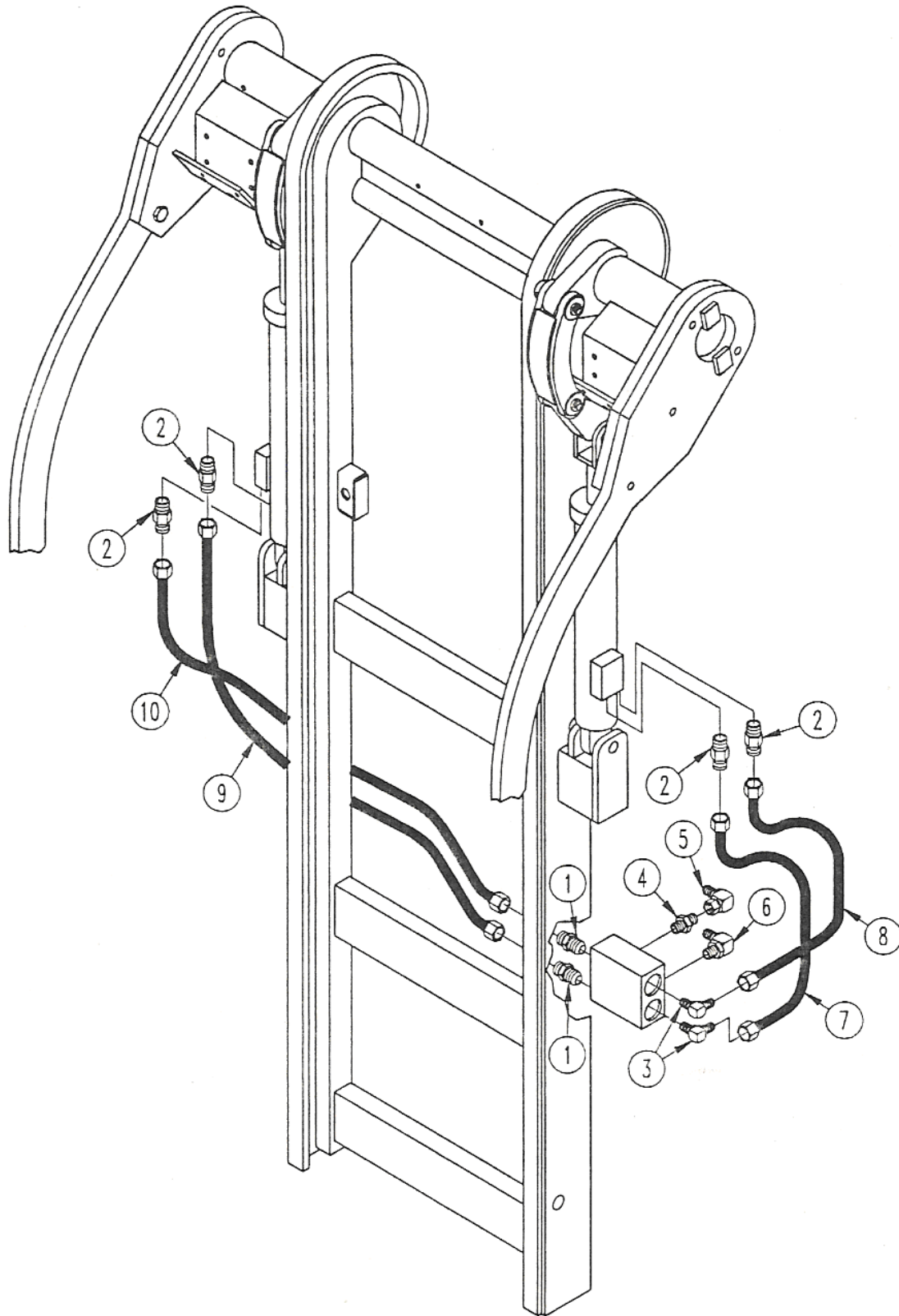
HYDRAULIC SYSTEM (continued)

SEC CHAMPION			
Item	SEC Part number	QTY	Description
28	SW0033-668	1	ADAPTER
29	SW0042-124	1	2" ELL
30	SW0041-846	1	COMBO NIPPLE
31	SW0033-596	1	ADAPTER
32	SW0035-645	2	ADAPTER
33	SW0036-858	1	ADAPTER
34	SW0034-133	1	ADAPTER
35	SW0034-878	2	ADAPTER
36	SW0036-283	1	ADAPTER
37	SW0033-631	1	ADAPTER
38	SW0037-397	1	ADAPTER
39	SW0037-421	1	FLANGE PAD
40	SW0039-105	1	GAUGE
41	SW0039-060	1	PRESSURE FILTER
42	SW0039-086	1	ELEMENT
43	SW0035-508	1	ADAPTER
44	SW0019-398	1	SUCTION HOSE (SPECIFY LENGTH)
45	SW0090-183	1	HOSE ASSEMBLY
46		1	HOSE ASSEMBLY
47		1	HOSE ASSEMBLY
48	SW0090-390	1	HOSE ASSEMBLY (L.H. UNIT)
48A	SW0090-391	1	HOSE ASSEMBLY (R.H. UNIT)
49	SW0090-392	1	HOSE ASSEMBLY (L.H. UNIT)
49A	SW0090-393	1	HOSE ASSEMBLY (R.H. UNIT)
50	SW0090-379	1	HOSE ASSEMBLY (L.H. UNIT)
50A	SW0090-380	1	HOSE ASSEMBLY (R.H. UNIT)
51	SW0090-381	1	HOSE ASSEMBLY (L.H. UNIT)
51A	SW0090-382	1	HOSE ASSEMBLY (R.H. UNIT)
52	SW0090-383	1	HOSE ASSEMBLY
53	SW0035-210	1	ADAPTER
54	SW0090-384	1	HOSE ASSEMBLY (48" REACH)

HYDRAULIC SYSTEM (continued)

SEC CHAMPION			
Item	SEC Part number	QTY	Description
55	SW0090-386	1	HOSE ASSEMBLY (48" REACH)
56	SW0090-388	1	HOSE ASSEMBLY
57	SW0090-389	1	HOSE ASSEMBLY
58	SW0039-110	1	GAUGE
59	SW0604-439	1	MODIFIED FITTING
60	SW0039-167	1	FILTER MOUNT, FLOW CONTROL
61	SW0039-168	2	FILTER
62	SW0067-056	4	LOCKWASHERS
63	SW0067-147	4	LOCKWASHERS
64	SW0067-155	12	LOCKWASHERS
65	SW0036-345	3	PLUG
66	SW0064-528	4	CAPSCREW 1/2" X 1.25" SOCKETHEAD
67	SW0064-531	12	CAPSCREW 1/2" X 2" SOCKETHEAD
68	SW0064-520	4	CAPSCREW
69	SW0065-128	2	MODIFIED FITTING
70	SW0039-061	1	SEAL KIT
71	SW0035-116	1	ADAPTER
72	SW0039-139	1	ALUMINUM BLOCK
73	SW0039-140	1	CARTRIDGE
74	SW0034-666	1	ADAPTER
75	SW0090-331	1	HOSE ASSEMBLY
76	SW0090-366	1	HOSE ASSEMBLY
77	SW0090-340	1	HOSE ASSEMBLY
78	SW0090-051	1	HOSE ASSEMBLY
79	SW0034-125	1	ADAPTER
80	SW0035-626	1	ADAPTER
81	SW0035-194	1	ADAPTER
82	SW0037-413	2	FLANGE PAD
83	SW0027-299	2	O-RING
84	SW0036-047	1	ADAPTER
85	SW0036-060	1	ADAPTER

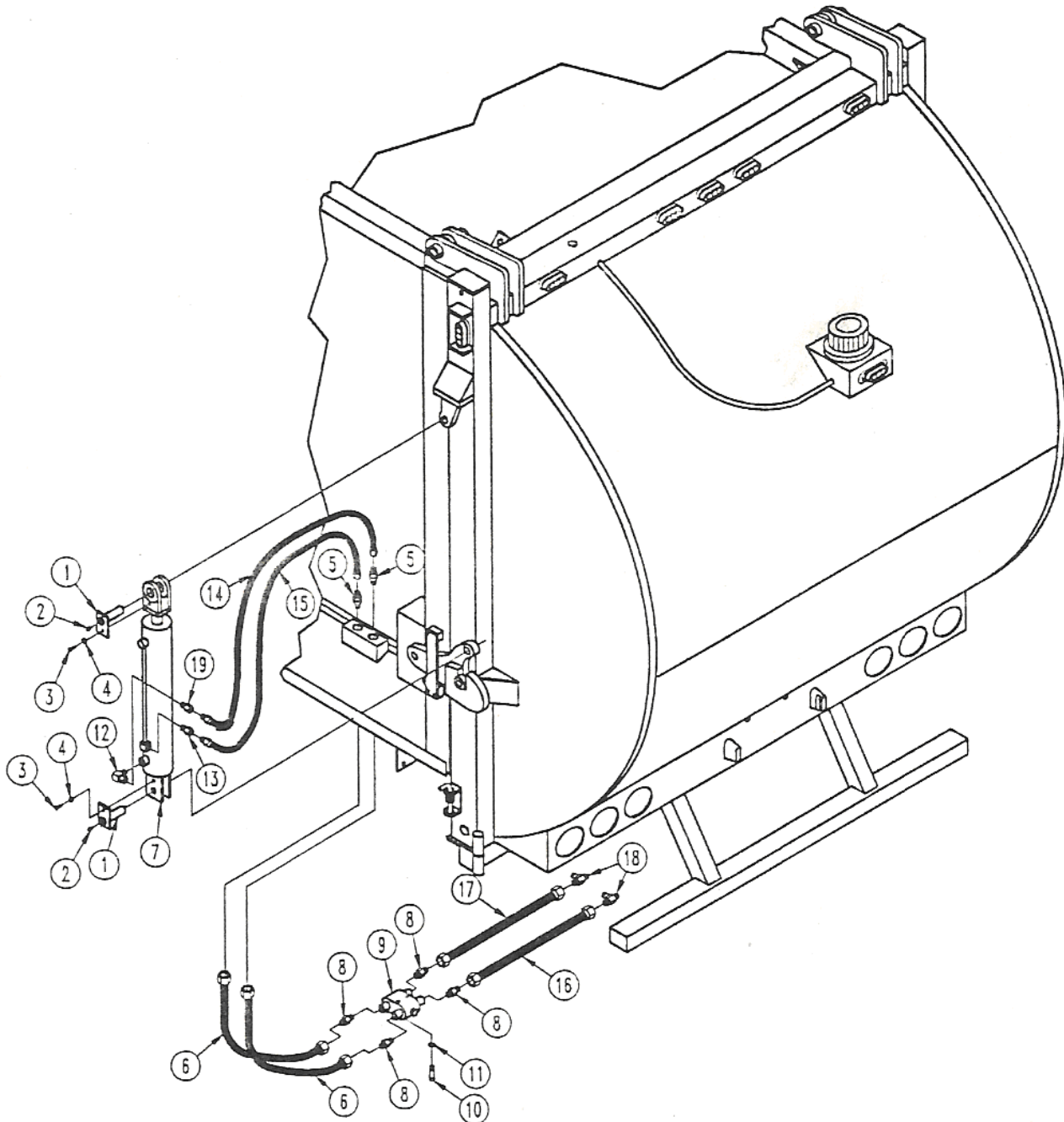
MAST HYDRAULICS



MAST HYDRAULICS

SEC CHAMPION			
Item	SEC Part number	QTY	Description
1	SW0320-730	2	ADAPTER
2	SW0330-483	4	ADAPTER
3	SW0350-118	2	ADAPTER
4	SW0320-732	1	ADAPTER
5	SW0350-444	1	ADAPTER
6	SW0350-126	1	ADAPTER
7	SW0900-350	1	HYDRAULIC HOSE ASSY
8	SW0900-351	1	HYDRAULIC HOSE ASSY
9	SW0900-352	1	HYDRAULIC HOSE ASSY
10	SW0900-353	1	HYDRAULIC HOSE ASSY

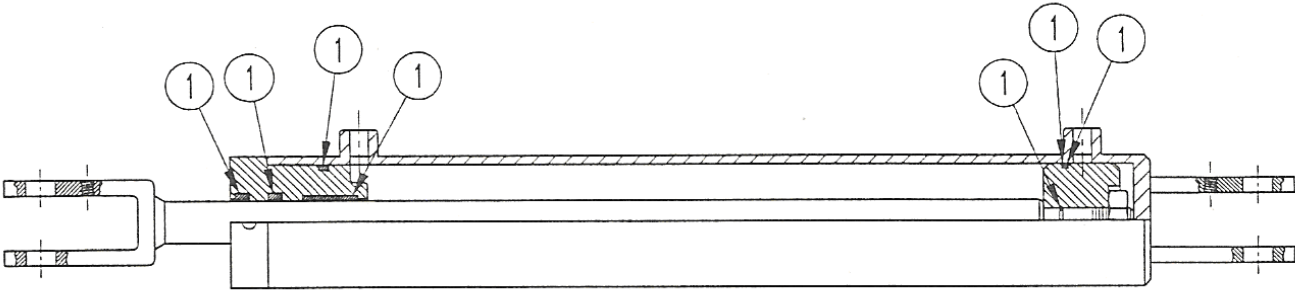
END GATE HYDRAULICS



END GATE HYDRAULICS

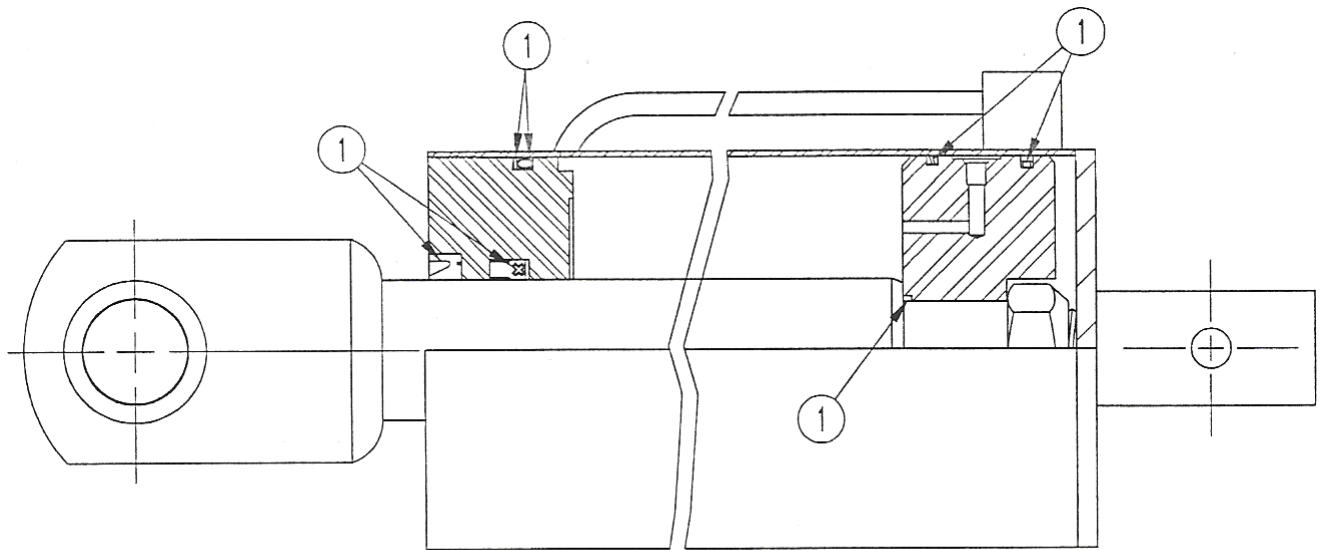
SEC CHAMPION			
Item	SEC Part number	QTY	Description
1	SW0062-221	4	REAR DOOR CYLINDER PIN
2	SW0041-046	4	GREASE NIPPLE
3	SW0060-388	4	CAPSCREW
4	SW0067-034	4	LOCKWASHER
5	SW0350-838	4	ADAPTER
6	SW0900-377	4	HOSE ASSEMBLY W/GUARD
7	SW0020-169	2	REAR DOOR CYLINDER
8	SW0320-731	8	ADAPTER
9	SW0390-149	2	PILOT OPERATED CHECK
10	SW0060-434	4	CAPSCREW
11	SW0067-034	4	LOCKWASHER
12	SW0360-093	2	ADAPTER
13	SW0660-939	4	ADAPTER
14	SW0900-354	2	HOSE ASSEMBLY
15	SW0900-355	2	HOSE ASSEMBLY
16	SW0900-356	2	HOSE ASSEMBLY
17	SW0900-357	2	HOSE ASSEMBLY
18	SW0360-555	2	ADAPTER
19	SW0330-787	2	ADAPTER

REAR DOOR CYLINDER
PART# SW0020-169



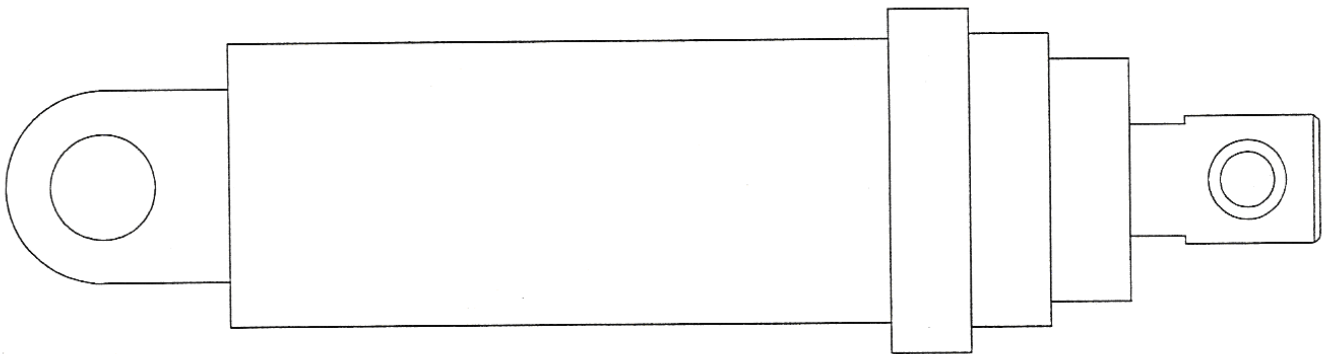
SEC CHAMPION			
Item	SEC Part number	QTY	Description
1	SW0020-504	1	SEAL KIT

LIFT CYLINDER
PART# SW0020-077



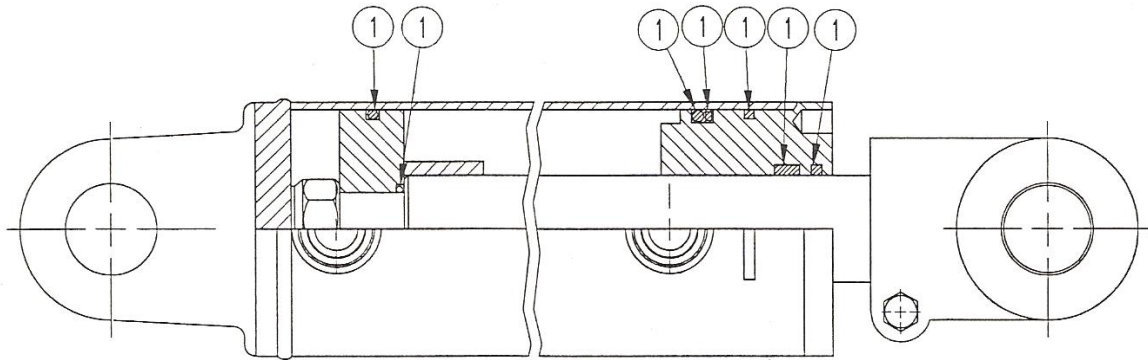
SEC CHAMPION			
Item	SEC Part number	QTY	Description
1	SW0020-454	1	SEAL KIT

PACKER BLADE CYLINDER
PART# SW0020-165 (32/36 YARD)



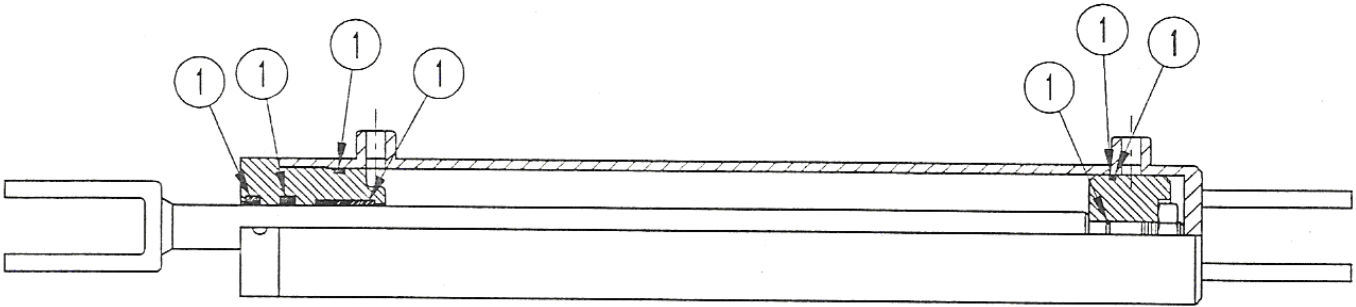
SEC CHAMPION			
Item	SEC Part number	QTY	Description
1	SW0022-500	1	SEAL KIT

48" MAST EXTENSION CYLINDER
PART# SW0020-138



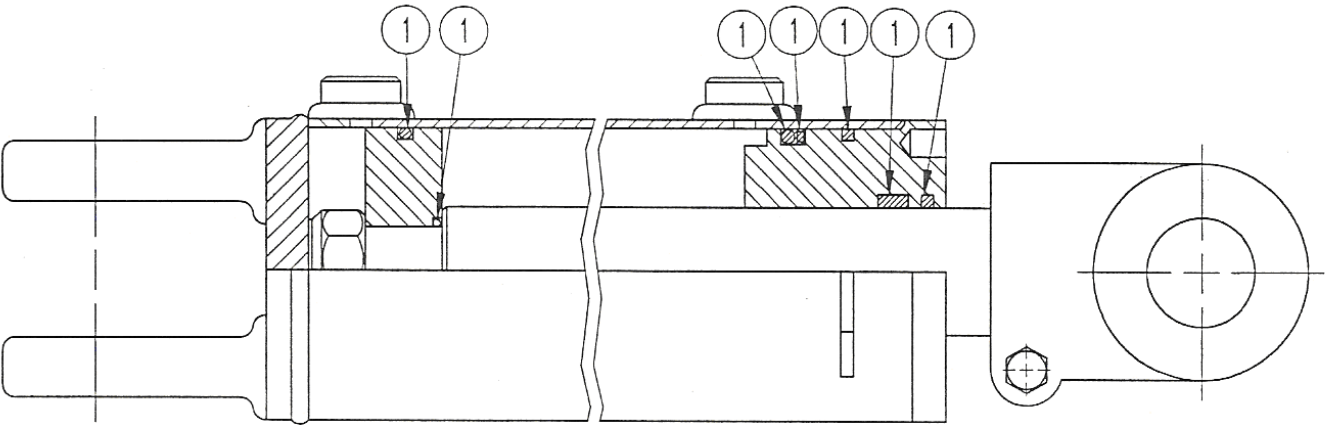
SEC CHAMPION			
Item	SEC Part number	QTY	Description
1	SW0022-206	1	SEAL KIT

TOP DOOR CYLINDER
PART# SW0020-170



SEC CHAMPION			
Item	SEC Part number	QTY	Description
1	SW0020-206	1	SEAL KIT

GRABBER CYLINDER
PART# SW0020-095

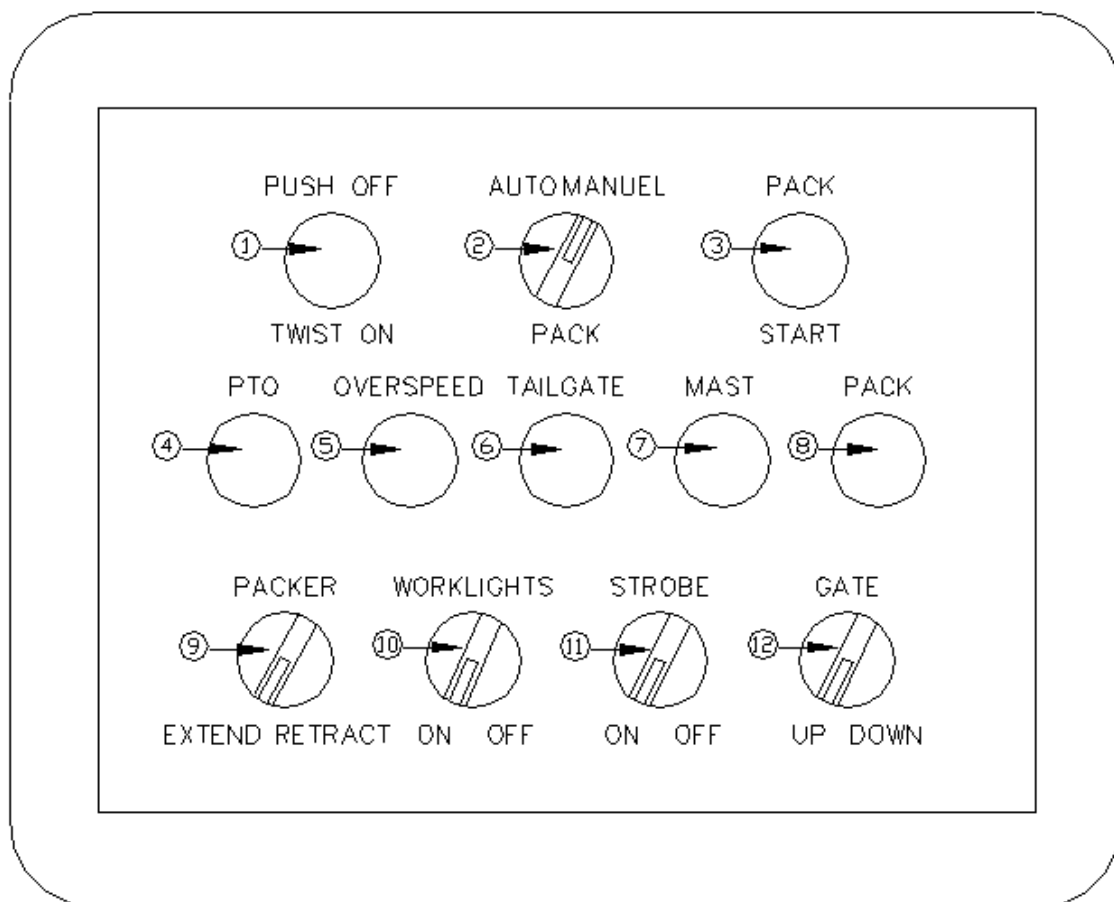


SEC CHAMPION			
Item	SEC Part number	QTY	Description
1	SW0020-465	1	SEAL KIT

SECTION 3 ELECTRICAL

CAB CONTROL BOX PARTS	3-1, 3-2
OUTSIDE CONTROL BOX PARTS	3-3, 3-4
CAB CONTROL SCHEMATIC	3-5
OUTSIDE CONTROL BOX SCHEMATIC	3-6

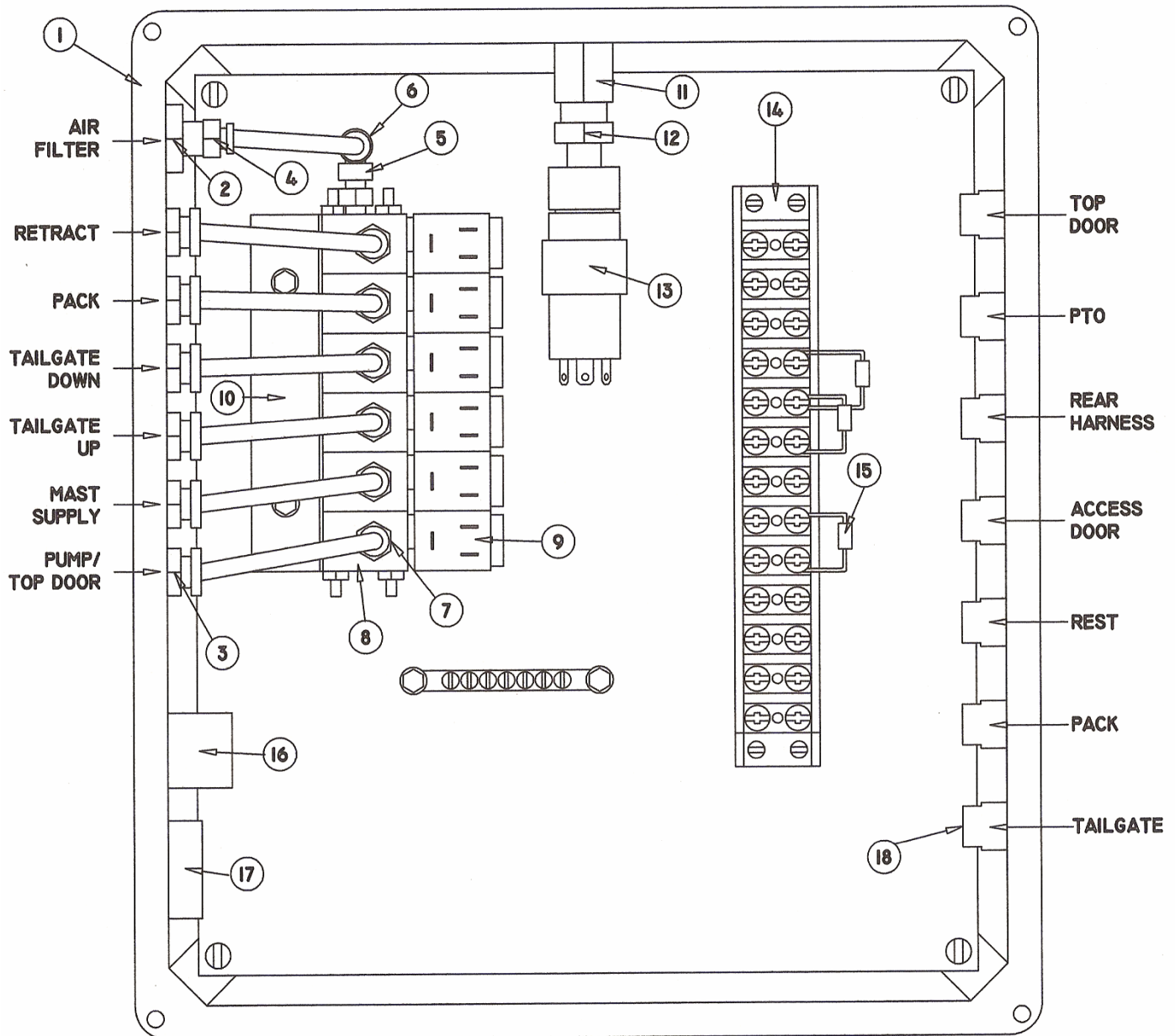
CAB CONTROL BOX



CAB CONTROL BOX

SEC CHAMPION			
Item	SEC Part number	QTY	Description
1	SW0080-101	1	TWIST ON SWITCH
2	SW0080-102	1	PACK AUTO/MANUAL SWITCH **
3	SW0080-103	1	PACK PUSH/PULL SWITCH
4	SW0080-201	1	PTO LIGHT
5	SW0080-202	1	OVERSPEED LIGHT
6	SW0080-203	1	TAILGATE LIGHT W/BUZZER
7	SW0080-204	1	MAST LIGHT
8	SW0080-205	1	PACK LIGHT
9	SW0080-104	1	EXTEND/RETRACT SWITCH
10	SW0080-102	1	WORKLIGHT SWITCH **
11	SW0080-102	1	STROBE SWITCH **
12	SW0080-107	1	GATE UP/DOWN SWITCH
Note: Item 2, 10, and 11 are the same switch , with the exception that Item 2 requires an additional contact			

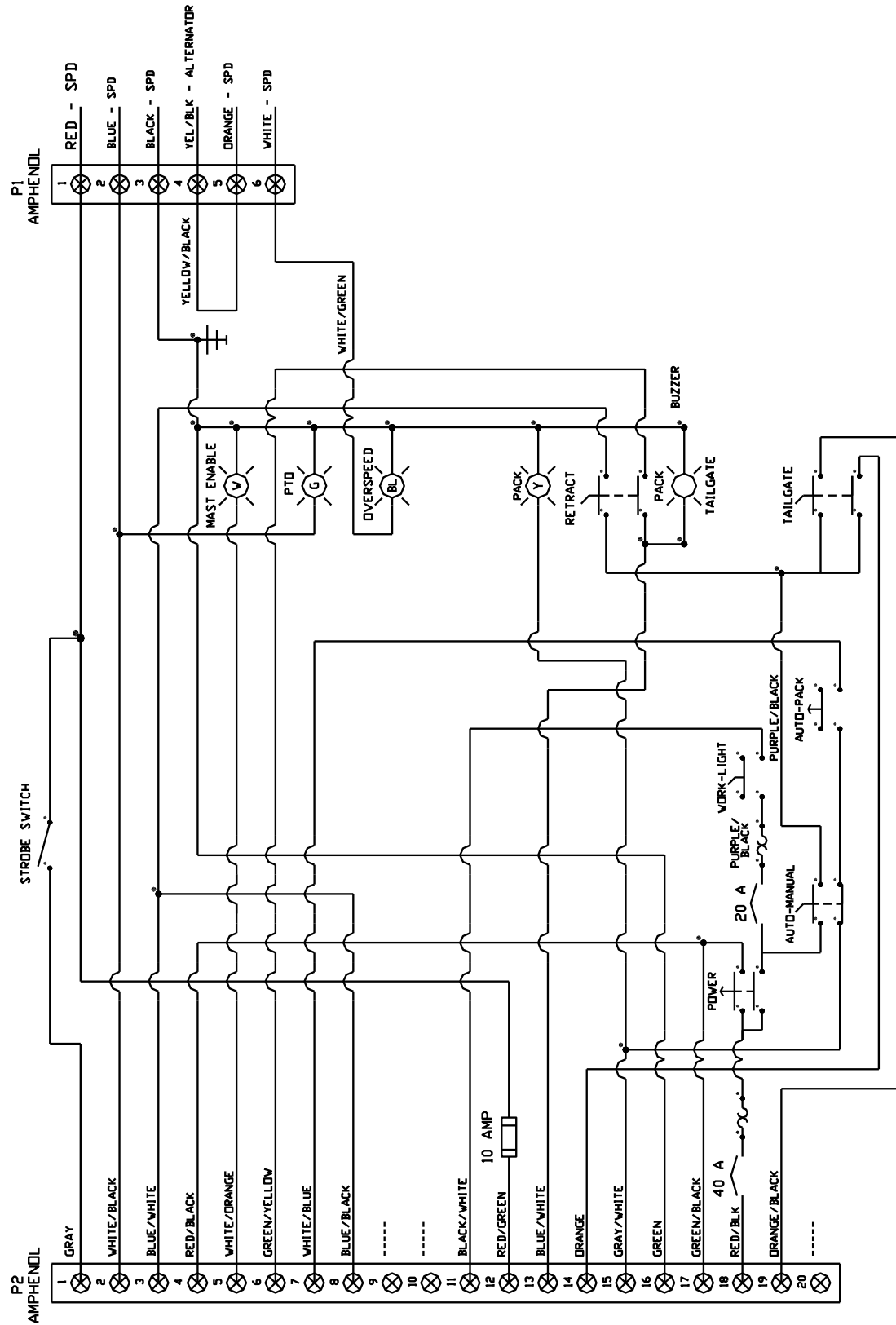
OUTSIDE CONTROL BOX



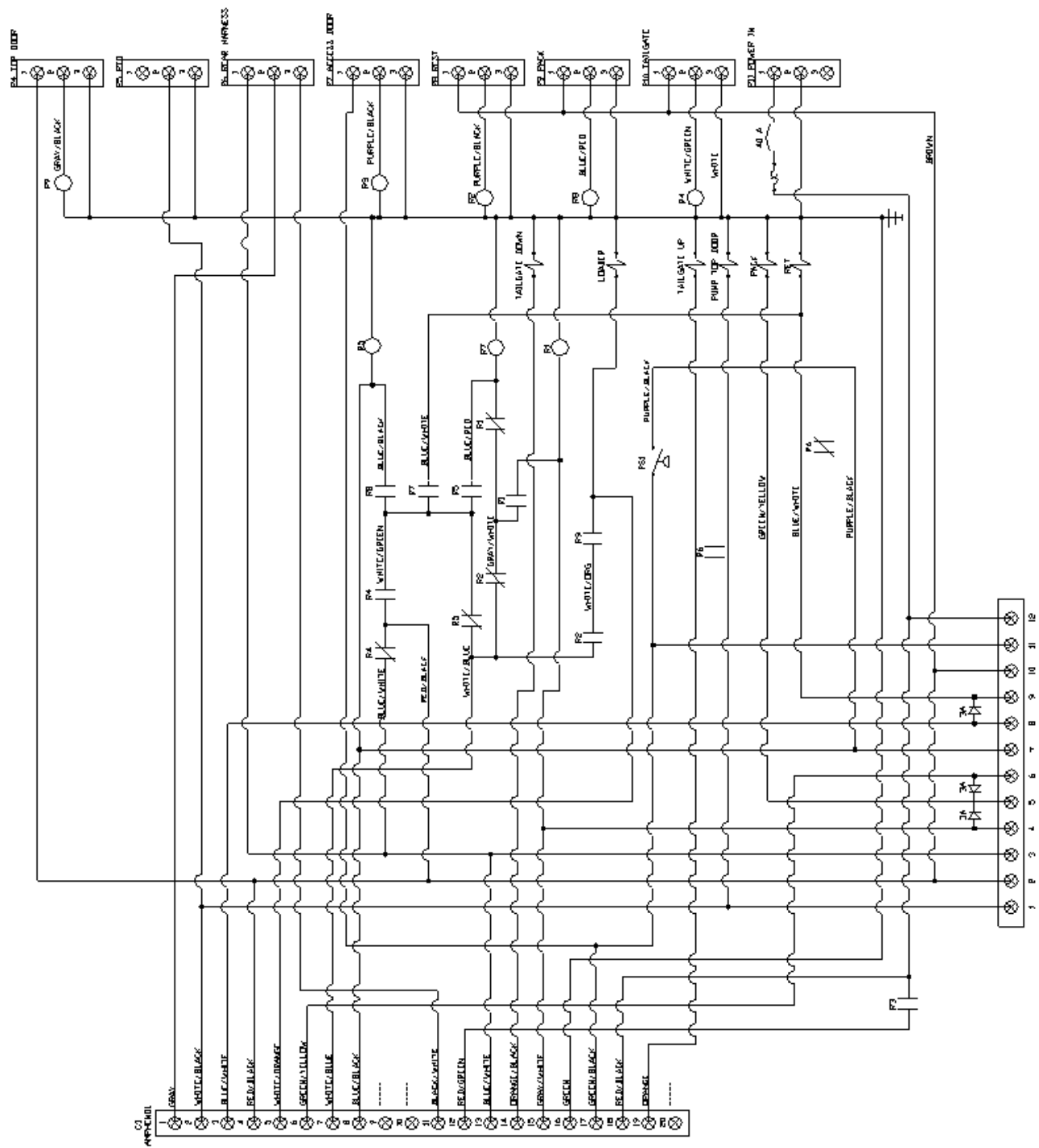
OUTSIDE CONTROL BOX

SEC CHAMPION			
Item	SEC Part number	QTY	Description
1	REF.	1	COMPLETE OUTSIDE CONTROL BOX
2	REF.	1	FITTING
3	SW0085-068	6	AIR FITTING (BULKHEAD)
4	SW0085-075	1	AIR FITTING
5	SW0085-037	1	AIR FITTING
6			
7	SW085-059	6	AIR FITTING
8	SW0085-204	6	VALVES
9	SW0085-203	6	COILS
10	REF.	1	PLATE
11	REF.	1	FITTING (BULKHEAD)
12	REF.	1	FITTING
13	SW0039-098	1	PRESSURE SWITCH
14	SW0039-001	1	TERMINAL STRIP
15	SW0039-002	3	DIODE
16	SW0100-302	1	CONNECTOR
17	SW0100-308	1	CONNECTOR
18	SW0100-304	7	CONNECTOR

CAB CONTROL BOX SCHEMATIC



OUTSIDE CONTROL BOX SCHEMATIC

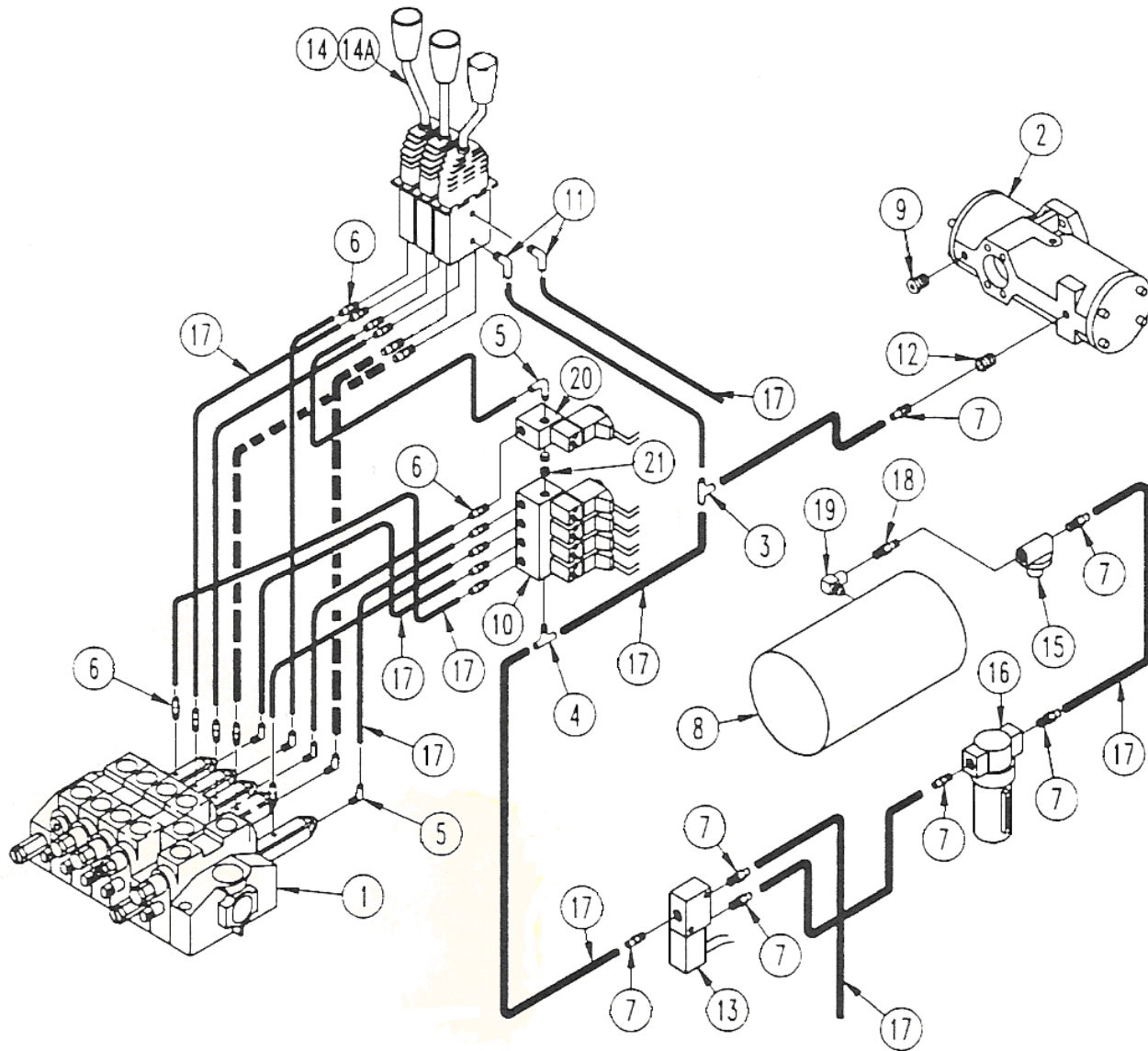


SECTION 4 AIR

AIR SYSTEM

4-1, 4-2

AIR SYSTEM



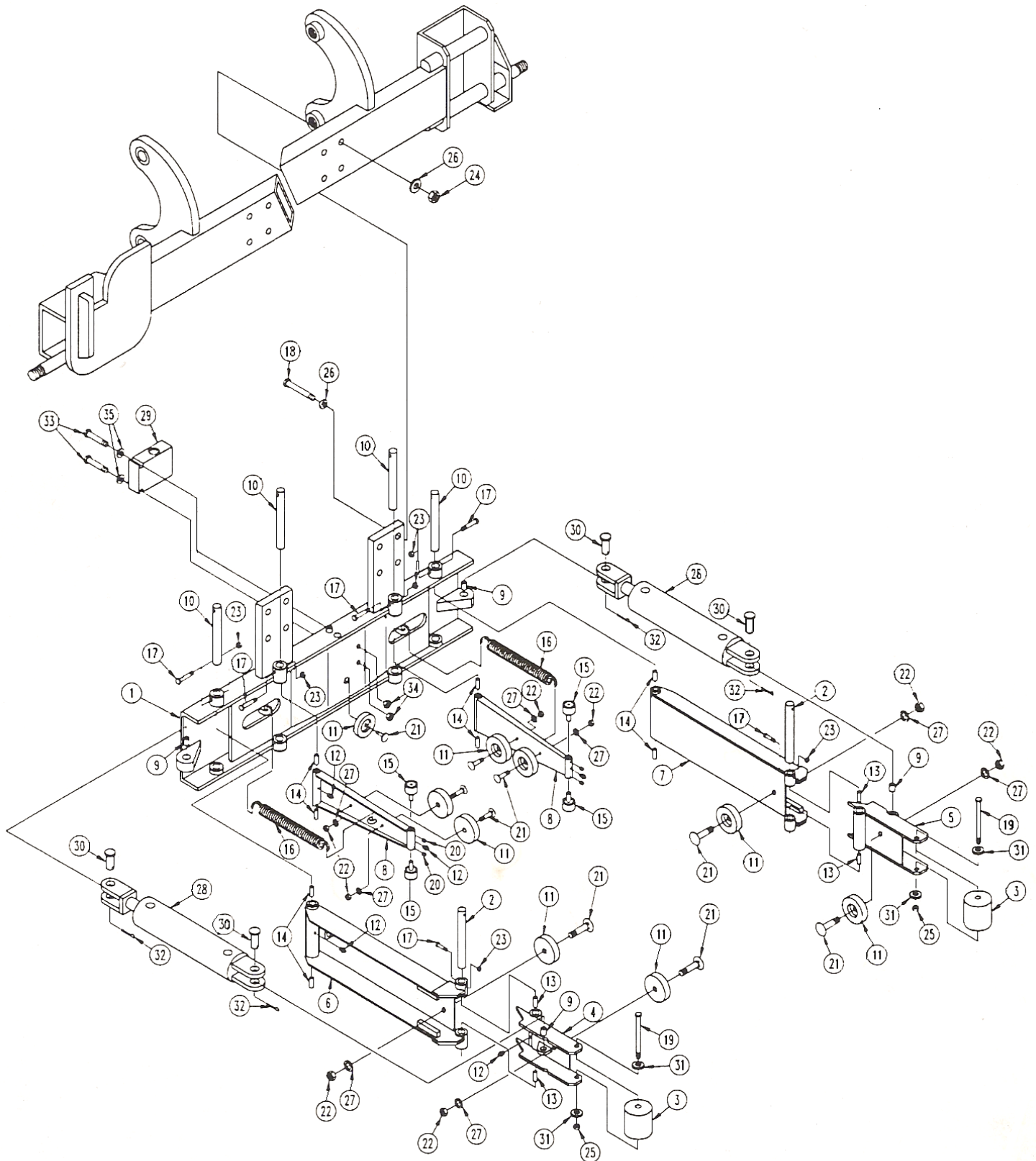
AIR SYSTEM

SEC CHAMPION			
Item	SEC Part number	QTY	Description
1		1	VALVE BLOCK
2	SW0024-032	1	DRY VALVE
3	SW0085-018	1	ADAPTER
4	SW0085-024	1	ADAPTER
5	SW0085-037	6	ADAPTER
6	SW0085-059	16	ADAPTER
7	SW0085-067	7	ADAPTER
8			AIR TANK
9	SW0605-130	1	MODIFIED FITTING
10	SW0085-206	1	6 STATION AIR BANK
11	SW0085-075	2	ADAPTER
12	SW0330-852	2	ADAPTER
13	SW0085-280	1	SOLENOID
14	SW0085-553	1	AIR VALVE (3 BANK)
14A	SW0085-554	1	AIR VALVE (2 BANK)
15	SW0085-526	1	CHECK VALVE
16	SW0085-534	1	AUTO DRAIN AIR VALVE
17	SW0190-467	19	1/4" AIR LINE
18	SW0330-005	1	ADAPTER
19	SW0350-296	1	ADAPTER
20	SW0085-499	1	SINGLE VALVE BANK
21	SW0360-345	2	PLUG

SECTION 5
OPTIONS

GRABBER	5-1, 5-2
TOP DOOR	5-3, 5-4
GRABBER HYDRAULICS	5-5, 5-6

UNIVERSAL GRABBER
Part # SW6070-205

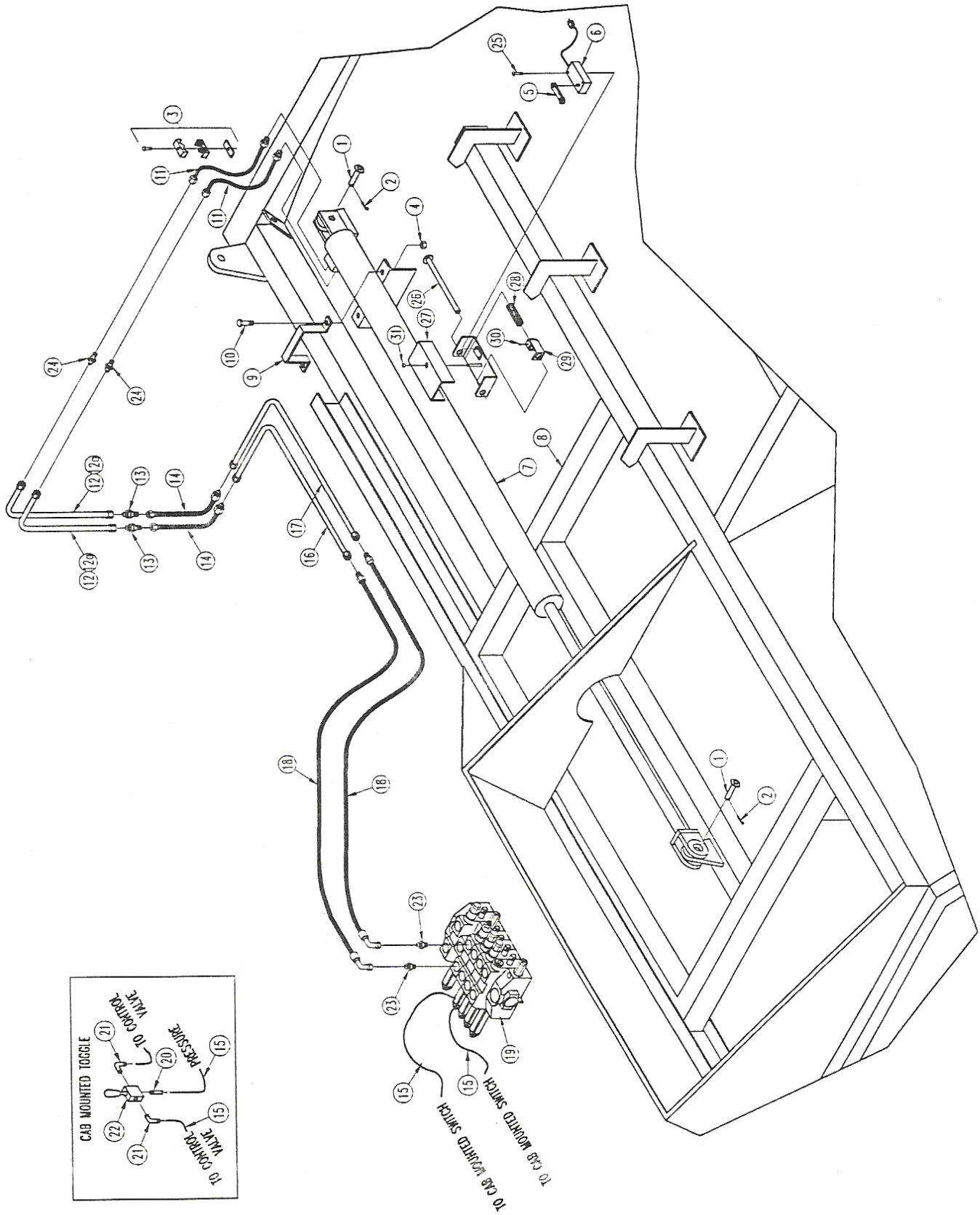


UNIVERSAL GRABBER

Part # SW6070-205

SEC CHAMPION			
Item	SEC Part number	QTY	Description
1	SW6070-201	1	Universal Back Structure
2	SW6070-224	2	Drilled Pin
3	SW6070-108	2	Rubber Roller
4	SW6070-238	1	LH Outer Arm Structure
5	SW6070-239	1	RH Outer Arm Structure
6	SW6070-247	1	LH Middle Arm Structure
7	SW6070-248	1	RH Middle Arm Structure
8	SW6070-255	2	Inner Arm Structure
9	SW6070-106	4	Bushing
10	SW6070-540	4	Drilled Pin
11	SW6070-545	7	Rubber Bumper
12	SW0041-032	8	Lube Fitting
13	SW0044-296	4	Bushings
14	SW0044-297	8	Bushings
15	SW0044-533	4	Camfollower
16	SW0045-242	2	Extension Springs
17	SW0060-434	6	Capscrews
18	SW0060-869	8	Capscrews
19	SW0061-534	2	Capscrews
20	SW0064-634	4	Setscrews
21	SW0064-754	7	Elevator Bolts
22	SW0065-032	7	Nylock Nut
23	SW0065-180	6	Nylock Nut
24	SW0065-209	8	Nylock Nut
25	SW0065-532	2	Hex Nut
26	SW0660-055	16	Flatwasher
27	SW0067-034	7	Lockwashers
28	REF	2	Hydraulic Cylinder
29	REF	1	Cartridge Block
30	SW0040-169	4	Clevis Pins
31	SW0660-089	4	Flatwasher
32	SW0040-512	4	Cotter Pins
33	SW0060-082	2	Capscrews
34	SW0065-164	2	Nylock Nut
35	SW0660-014	2	Flatwasher

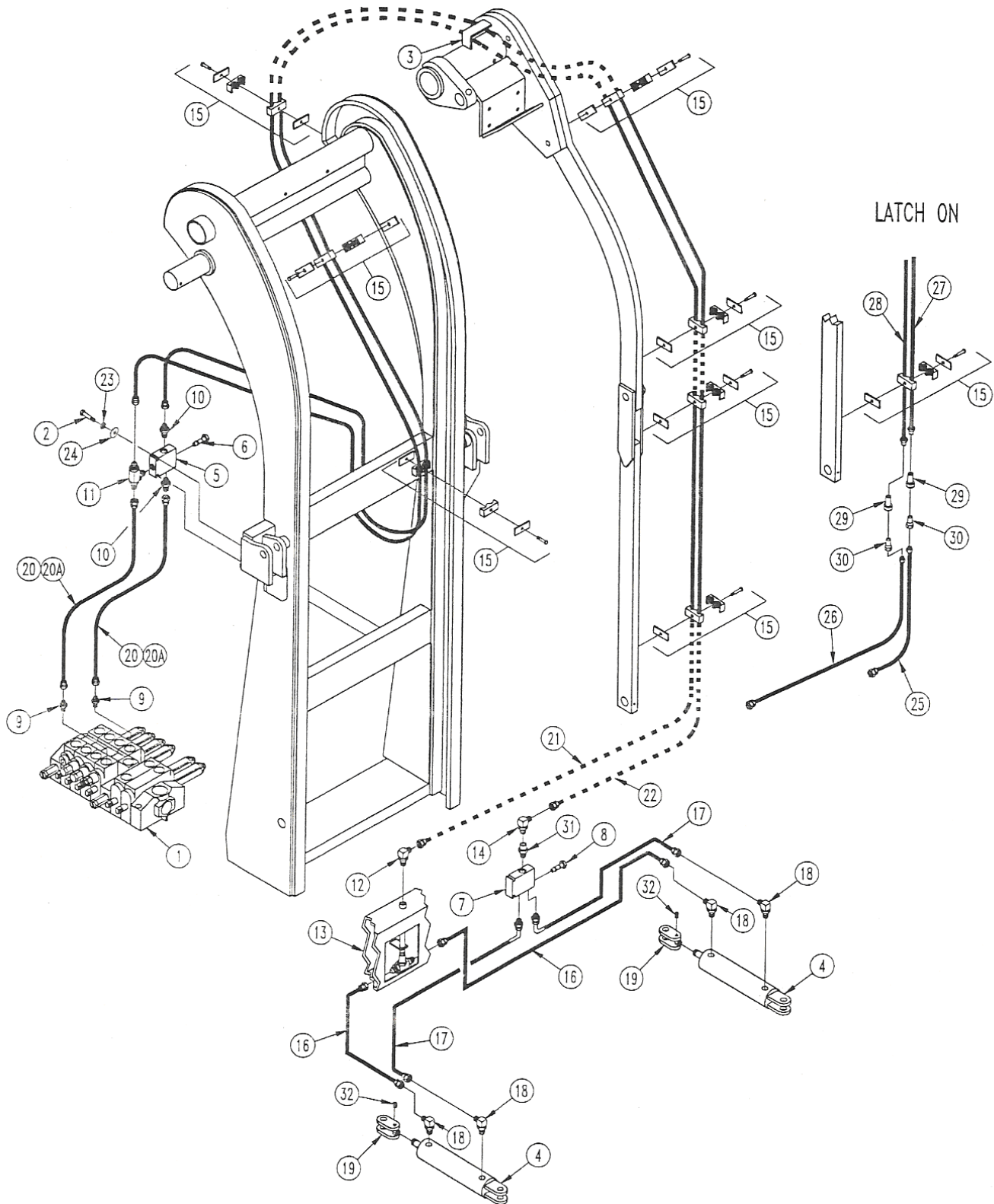
TOP DOOR



TOP DOOR

SEC CHAMPION			
Item	SEC Part number	QTY	Description
1	SW0040-163	2	PIN
2	SW0040-512	2	COTTER PIN
3	SW0045-238	1	DOUBLE HOSE CLAMP
4	SW0065-505	2	HEX NUTS
5	SW0590-234	1	AJUSTABLE LEVER ARM
6	SW0055-950	1	LIMIT SWITCH ASSEMBLY
7	SW0020-170	1	HYDRAULIC CYLINDER
8	SW0620-275	1	TOP DOOR
9	SW0620-277	1	BRACKET
10	SW0060-767	2	CAPSCREW
11	SW0900-370	2	HOSE ASSEMBLY
12	SW0890-157	2	TUBE ASSEMBLY
13	SW0350-838	2	ADAPTER
14	SW0900-378	2	HOSE ASSEMBLY
15	SW0190-467	2	1/4" AIR LINE
16	SW0890-153	1	TUBE ASSEMBLY
17	SW0890-54	1	TUBE ASSEMBLY
18	SW0900-383	2	HOSE ASSEMBLY
19			CONTROL VALVE
20	SW0085-048	1	ADAPTER
21	SW0085-075	2	ADAPTER
22	SW0085-749	1	AIR TOGGLE SWITCH
23	SW0330-507	2	ADAPTER
24	SW0604-446	2	MODIFIED FITTING
25	SW0064-474	2	SCREW
26	SW6020-530	1	PLUNGER STRUCTURE
27	SW0620-525	1	COVER
28	SW0044-128	1	SPRING
29	SW0620-527	1	ACTUATOR STRUCTURE
30	SW0064-634	1	SETSCREW
31	SW0065-180	1	HEX NUT

GRABBER HYDRAULIC (G300-2A SERIES)



GRABBER HYDRAULIC
(G300-2A SERIES)

SEC CHAMPION			
Item	SEC Part number	QTY	Description
1		1	VALVE
2	SW0060-074	2	CAPSCREW
3	SW6070-197	1	FORMED FLAT
4	SW0020-095	2	HYDRAULIC CYLINDER
5	SW0039-142	1	CARTRIDGE BLOCK
6	SW0039-144	1	CARTRIDGE
7	SW0039-148	1	CARTRIDGE BLOCK
8	SW0039-146	1	CARTRIDGE
9	SW0330-507	2	ADAPTER
10	SW0330-483	2	ADAPTER
11	SW0360-700	1	ADAPTER
12	SW0350-121	1	ADAPTER
13			GRABBER BACK STRUCTURE
14	SW0350-118	1	ADAPTER
15	SW0045-237	7	DOUBLE HOSE CLAMP
16	SW0900-026	1	HYDRAULIC HOSE
17	SW0900-025	1	HYDRAULIC HOSE
18	SW0350-116	4	ADAPTER
19	SW6070-275	2	CLEVIS STRUCTURE
20	SW0900-016	1	HYDRAULIC HOSE (48" REACH)
21	SW0900-008	1	HYDRAULIC HOSE
22	SW0900-007	1	HYDRAULIC HOSE
23	SW0067-015	2	1/4" LOCKWASHER
24	SW0660-014	2	1/4" FLATWASHER
25	SW0330-855	1	ADAPTER
26	SW0350-116	4	ADAPTER
27	SW0064-631	2	SETSCREWS