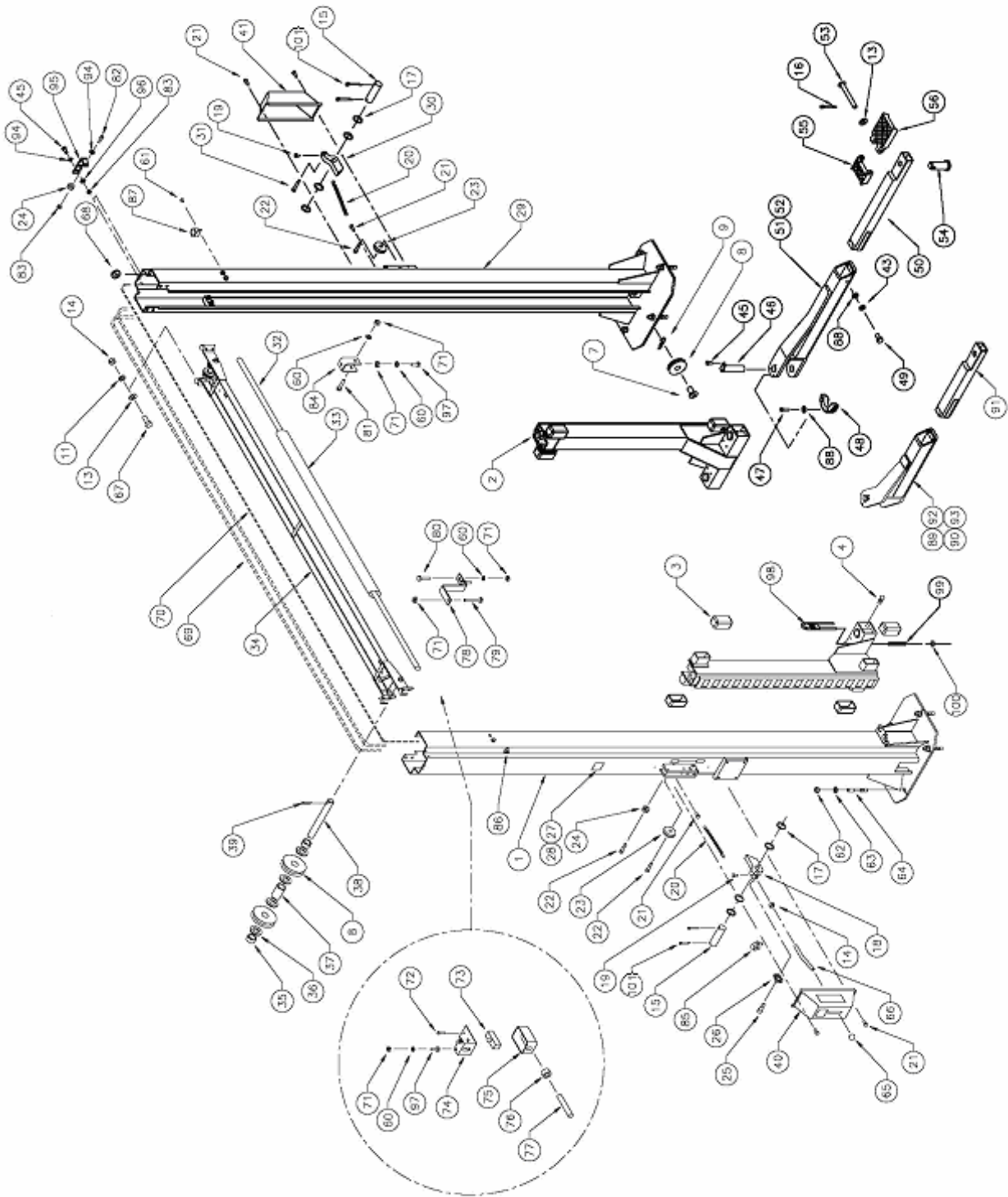


8 PARTS MANUAL

8.1 LIFT ASSEMBLY

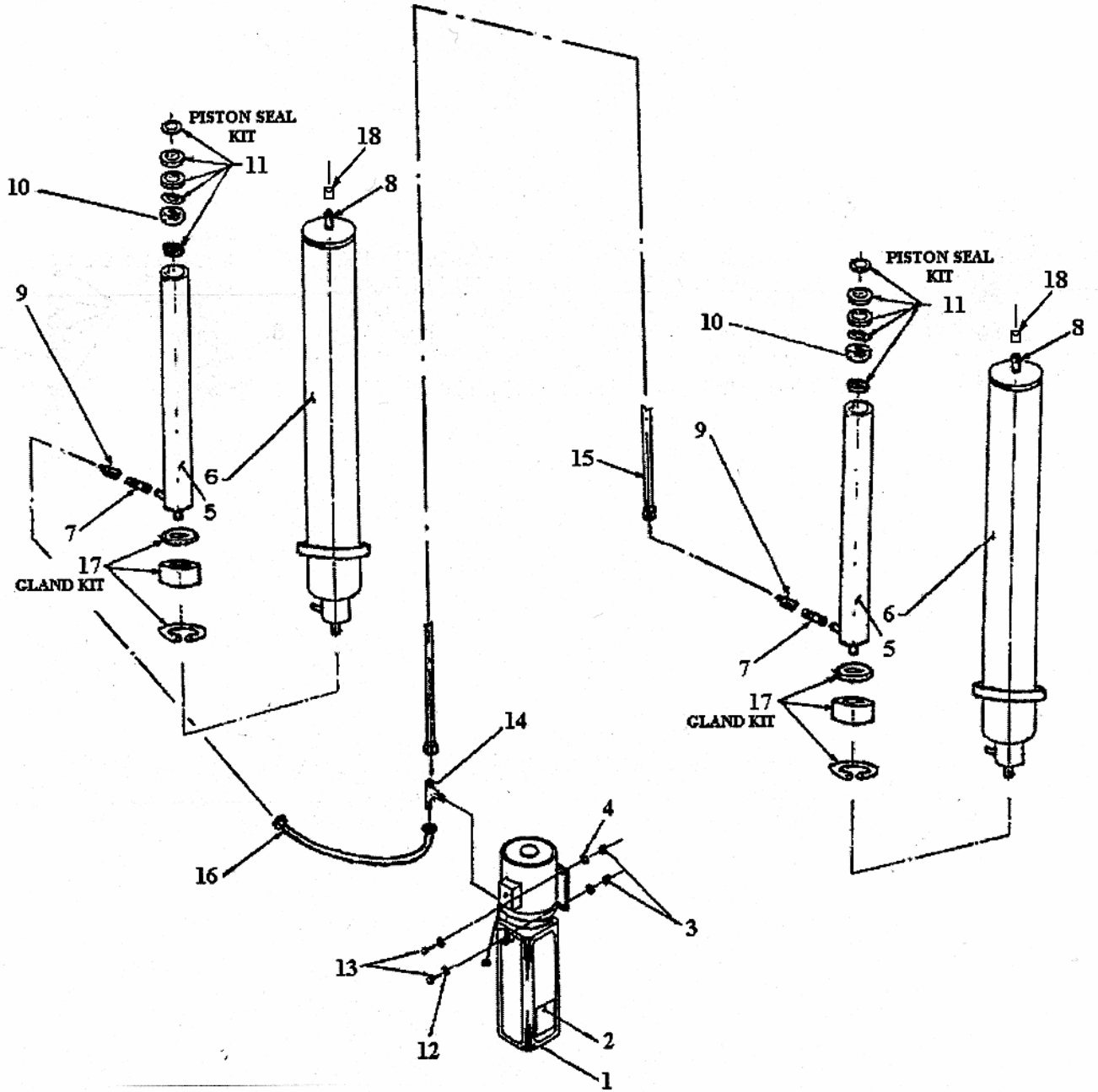


8.2 LIFT ASSEMBLY PARTS LIST

ITEM	QTY	DESCRIPTION	PART #
1	1	TOWER WELDMENT, POWER SIDE	4-1010
2	2	CARRIAGE WELDMENT	4-1114
3	8	GLIDE BEARING	2-0772
4	4	GREASE NIPPLE	6-0000
7	2	PIN, CABLE EQUALIZATION	1-1887
8	6	2-POST PULLEY	1-1898
9	2	HITCH PIN, 1/8" DIA	6-1841
11	8	LOCKWASHER, 1/2"ID	6-0059
13	12	FLAT WASHER, 1/2"ID SAE	6-0248
14	13	HEX NUT, 1/2"-13UNC	6-0035
15	2	SAFETY PIN	1-2337
16	4	COTTER PIN, 1/8"DIA. x 1"LG.	6-0267
17	8	FLAT WASHER, 5/164"ID x 1"OD x 1/16"THK.	6-0808
18	1	SAFETY DOG WELDMENT, POWER SIDE	2-1901
19	4	SELF TAPPING SCREW, #10 X 3/8" LG.	6-0169
20	2	SAFETY SPRING	1-1115
21	6	SELF TAPPING SCREW, #12 x 1/2"LG.	6-1134
22	3	SHOULDER BOLT, 3/8"DIA. x 1"LG.	6-0206
23	2	SAFETY PULLEY	1-0415
24	3	SAFETY CABLE PULLEY	1-1116
25	1	SHOULDER BOLT, 3/8" x 1 1/2" LG.	6-0801
26	1	THIMBLE, 5/32"	6-2074
27	1	CAPACITY DECAL	6-1767
28	1	SERIAL PLATE	6-1111
29	1	TOWER WELDMENT, SLAVE SIDE	4-1011
30	1	SAFETY DOG, SLAVE SIDE	2-0872
31	1	SHOULDER BOLT, 3/8"DIA. x 1 1/2"LG.	6-0801
32	1	ACTUATOR BAR	1-1380
33	1	FOAM GUARD	6-1404
34	1	CROSSMEMBER WELDMENT	3-0694
35	4	CROSSMEMBER PULLEY PIPE, 1/2"LG.	1-1623
36	8	FLAT WASHER, 3/4"ID	6-0738
37	2	CROSSMEMBER PULLEY PIPE, 1 3/4"LG.	1-1626
38	2	CROSSMEMBER PULLEY SHAFT	2-1252
39	2	COTTER PIN, 1/8"DIA. x 1 1/2"LG.	6-0978
40	1	SAFETY COVER cw/DECALS, POWER SIDE	0-0204
41	1	SAFETY COVER cw/DECALS, SLAVE SIDE	0-0203
43	4	LOCKWASHER, 3/8" ID	6-0058
45	8	HEX BOLT, 5/16"-18UNC x 3/4" LG.	6-0423
46	4	ARM PIN	2-1594
47	4	HEX BOLT 5/16-18 UNC x 1-1/4 LG.	6-2059
48	4	ARM RESTRAINT GEAR	1-2618
49	4	HEX BOLT, 3/8UNCx3/4"LG.	6-0030
50	2	INNER ARM WELDMENT (LONG)	3-0924

ITEM	QTY	DESCRIPTION	PART #
51	2	OUTER ARM WELDMENT (LONG)	3-0920
52	2	ARM ASSEMBLY (LONG)	4-1135
53	4	CENTER PIN	1-1099
54	4	ADAPTER PIN	1-2953
55	4	LOW POSITION ADAPTER	3-0583
56	4	HIGH POSITION ADAPTER	3-0582
60	6	LOCKWASHER, 1/4" ID	6-0056
61	6	ROUND HEAD SCREW, 1/4"-20UNC x 3/8" LG.	6-1353
62	10	HEX NUT, 3/4"-10UNC	6-0737
63	10	FLAT WASHER, 3/4"ID	6-0738
64	10	WEDGE ANCHOR, 3/4"-10UNC x 5 1/2"LG.	6-1379
65	1	PLASTIC KNOB	6-1135
66	1	SAFETY RELEASE HANDLE	1-1113
67	8	HEX BOLT, 1/2"-13UNC x 1 1/4" LG.	6-0046
68	3	RUBBER GROMMET	6-1507
69	2	EQUALIZING CABLE	1-1786
70	1	SAFETY RELEASE CABLE	1-2058
71	7	HEX HD. NUT 1/4"NC	6-0032
72	2	6/32 SCREW (ELECTRICAL BOX)	6-1466
73	1	MICROSWITCH	6-0916
74	1	LIMIT SWITCH MTG. BRACKET	2-1143
75	1	ELECTRICAL UTILITY BOX	6-1403
76	1	CABLE CONNECTOR	6-1133
77	1	ELEC. CABLE 12/3 x 117"LG.	6-1173
78	1	ACTUATOR EXTENSION	1-1379
79	1	HEX HD. BOLT 1/4"NC x 2"LG.	6-0741
80	2	HEX HD. BOLT 1/4"NC x 1 1/4"LG.	6-0027
81	1	HEX HD. BOLT 1/4"NC x 1 1/2"LG.	6-0205
82	2	SHOULDER BOLT, 3/8"DIA. x 5/8"LG.	6-0069
83	6	HEX NUT, 5/16"-18UNC	6-0294
84	1	ACTUATOR MTG. BRACKET	1-1378
85	2	WIRE ROPE CLIP, 1/16"	6-2060
86	3	ELECTRICAL CABLE CLIP, 5/8" ID	6-1759
87	6	TUBE CLAMP, 1/2"	6-0536
88	16	FLATWASHER, 3/8"ID SAE	6-0062
89	1	OUTER ARM WELDMENT (SHORT- R.S.)	3-0922
90	1	OUTER ARM WELDMENT (SHORT - L.S.)	3-0921
91	2	INNER ARM WELDMENT (SHORT)	3-0925
92	1	ARM ASSEMBLY (SHORT - R.S.)	4-1137
93	1	ARM ASSEMBLY (SHORT - L.S.)	4-1136
94	6	LOCKWASHER, 5/16"ID	6-0296
95	2	PULLEY BRACKET	2-1477
96	4	FLATWASHER, 5/16"ID	6-0295
97	3	HEX BOLT 1/4-20 x 3/4 LG.	6-1078
98	4	ARM LOCK HANDLE WELDMENT	1-2914
99	4	ARM LOCK SPRING	1-2942
100	4	SPRING RETAINER CAP	6-3086
101	4	SNAP RING 3/4" EXT	6-2445

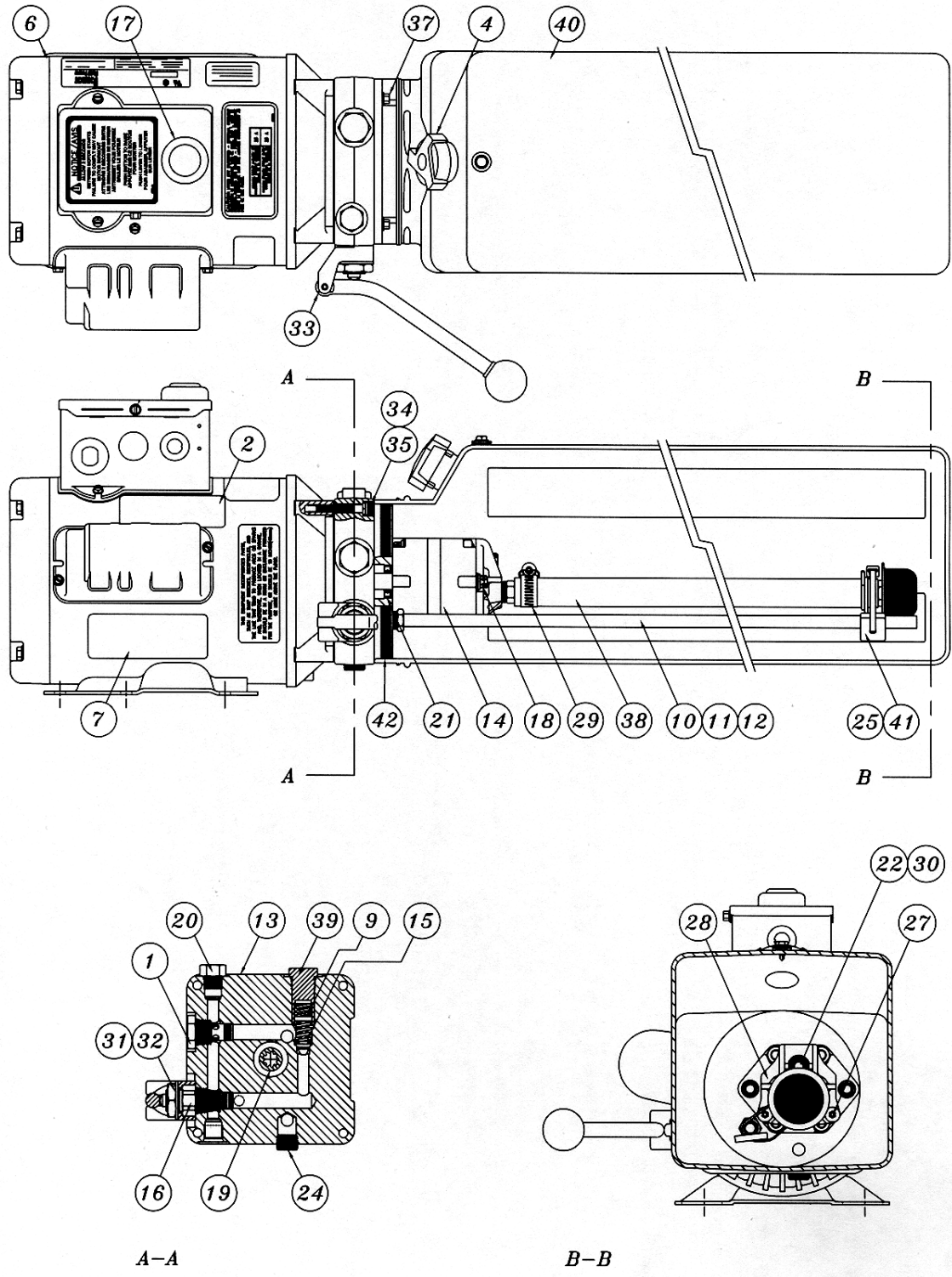
8.3 HYDRAULIC SYSTEM



8.4 HYDRAULIC SYSTEM PARTS LIST

ITEM	QTY	DESCRIPTION	PART #
1	1	POWER PACK	6-2055
2	1	"LIFT OPERATION" DECAL	6-2094
3	4	HEX NUT, 5/16"-18UNC	6-0294
4	4	LOCK WASHER, 5/16" I.D.	6-0674
5	2	PISTON ROD	2-1254
6	2	CYLINDER TUBE	2-125501
7	2	MALE NIPPLE, 1/4" NPT	6-2095
8	2	1/8" NPT TO 1/4" JIC	6-0280
9	2	FLOW CONTROL	6-1510
10	2	PISTON	1-1467
11	2	PISTON SEAL KIT	0-0337
12	4	FLAT WASHER, 5/16" I.D.	6-0295
13	4	HEX BOLT, 5/16"-18UNCx1" LG.	6-0293
14	1	BRANCH TEE	6-1506
15	1	HYDRAULIC HOSE (LONG)	2-1486
16	1	HYDRAULIC HOSE (SHORT)	2-1230
17	2	GLAND KIT	0-0338
18	2	1/4" JIC CAP	6-1884
	*	CYLINDER ASSEMBLY (NOT INCL. FLOW CONTROL)	3-062101

8.5 POWER PACK: #6-2055 (AB-1381) 208-230V/1PH/60Hz



8.6 POWER PACK PARTS LIST: #6-2055 (AB-1381) 208-230V/1PH/60Hz

ITEM	QTY.	DESCRIPTION	PART #
1	1	VALVE CARTRIDGE CHECK	6-1087
2	1	LABEL INSTALLATION AUTOHOIST	6-2136
4	1	BREATHER CAP & BLADDER	6-1376
6	1	MOTOR AC 208-230V. 2HP/1PH/60Hz, BLK	6-2474
7	1	LABEL WARNING AUTOHOIST	6-2149
9	1	SPRING 0.480" x 0.063" x 0.42" COMP	6-2151
10	1	RETURN HOSE 3/8" OD x 21.5"	6-2152
11	1	COMPRESSION TUBE NUT	6-2153
12	1	COMPRESSION TUBE SLEEVE	6-2154
13	1	ENDHEAD UNIVERSAL AUTOHOIST	6-2155
14	1	PUMPASSY 2.5 CC/REV. SHORT SPLINE	6-1958
15	1	RELIEF ASSEMBLY FIXED 190 BAR	6-1319
16	1	VALVE CARTRIDGE RELEASE MANUAL	6-0880
17	1	WIRING ASSEMBLY AC 1PH FENNER	6-2473
18	2	BOLT 5/16"-24 x 3.00" TORX G8	6-1090
19	1	COUPLING SAE 9T-20/40 1.260"	6-0774
20	1	PLUMBING PLUG 9/16" SAE	6-2157
21	1	SEAL SHAFT 0.500" x 1.00" x 0.25"	6-2158
22	1	WASHER 0.338" x 0.625" x 0.060" STEEL	6-2159
24	1	PLUMBING PLUG 3/8" NPT	6-2161
25	1	PLUMBING MAGNET	6-2162
27	2	SCREW TAPTITE M6 x 1.0 12MM TORX	6-2164
28	1	COVER ASSY SUCTION	6-2165
29	1	PLUMBING CLAMP HOSE ADJ. INLET	6-2166
30	1	BOLT 5/16"-18 x 1.00" SHCS	6-1392
31	1	NUT 3/4"-16 x 1" HEX x 0.250" STEEL	6-2167
32	1	WASHER 3/4" INT. TOOTH LOCK	6-2168
33	1	BRACKET - HANDLE ASSY REL BLACK	6-0776
34	4	BOLT M6 x 1.0 35MM SOC HD	6-2169
35	4	WASHER 1/4" LOCK HI-COLLAR	6-2170
37	4	BOLT #12-24 x 0.50' HEX WSHRHD	6-1091
38	1	PLUMBING ASSY INLET 17.24 (3)	6-0786
39	1	RELIEF VALVE CAP ASSEMBLY	6-1089
40	1	TANK PLASTIC 6.7 OS 22.50" BLK	6-1399
41	1	CABLE TIE 8" LONG WHITE	6-1846
42	1	O-RING 2-348 BUNA	6-0875

8.7 LIFT MAINTENANCE GUIDELINES – CABLE EQUALIZATION

Two Post Lifts

Safety Instructions

Read operating and safety manuals before using any lift
Do not operate a lift that has been damaged or is in disrepair
Proper inspection and maintenance is necessary for safe operation

General

Check all hydraulic lines and fittings for pinch points , damage , cracks or leaks
Check all electrical wiring for pinch points , cracks or damage
Check all moving parts for uneven or excessive wear
Repair or replace all damaged , defective , worn or broken components immediately

Cable Equalized Two Post Lift

- clean and re-grease slide block channels inside of both columns every two months
- grease arm pins every two months
- check and lubricate safety dogs and safety cable adjustment every two months
- dismantle , clean and lubricate arm restraints every two months
- dismantle and clean inner arms every four months
- lubricate cable pulleys every four months
- check equalizing cables and adjust every four months or as required
- change hydraulic oil every two years
- periodically check anchor bolts and re-torque if required

Hydraulically Equalized Two Post Lift

- check and adjust hydraulic level weekly or as required
- clean and re-grease slide block channels inside of both columns every two months
- grease arm pins every two months
- check and lubricate safety dogs and safety cable adjustment every two months
- dismantle , clean and lubricate arm restraints every two months
- dismantle and clean inner arms every four months
- change hydraulic fluid every two years
- periodically check anchor bolts and re-torque if required

Lubrication : Where grease is required > multi-purpose lithium grease
Where lubricating oil is required > multi-purpose SAE 30 lubricating oil
Where hydraulic oil is required > ISO 32 10W - non detergent hydraulic oil