

HPB

KÄRCHER

Operator's Manual

Pressure Washer

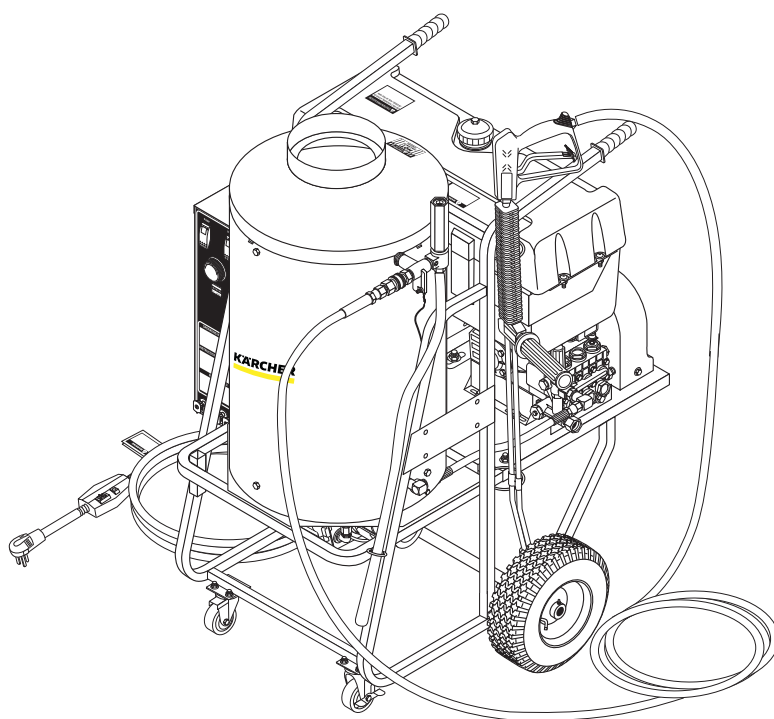
MODELS:

HPB-392007A
1.109-109.0

HPB-353007A
1.109-110.0

HPB-353007B
1.109-111.0

HPB-353007C
1.109-112.0



98011900-1

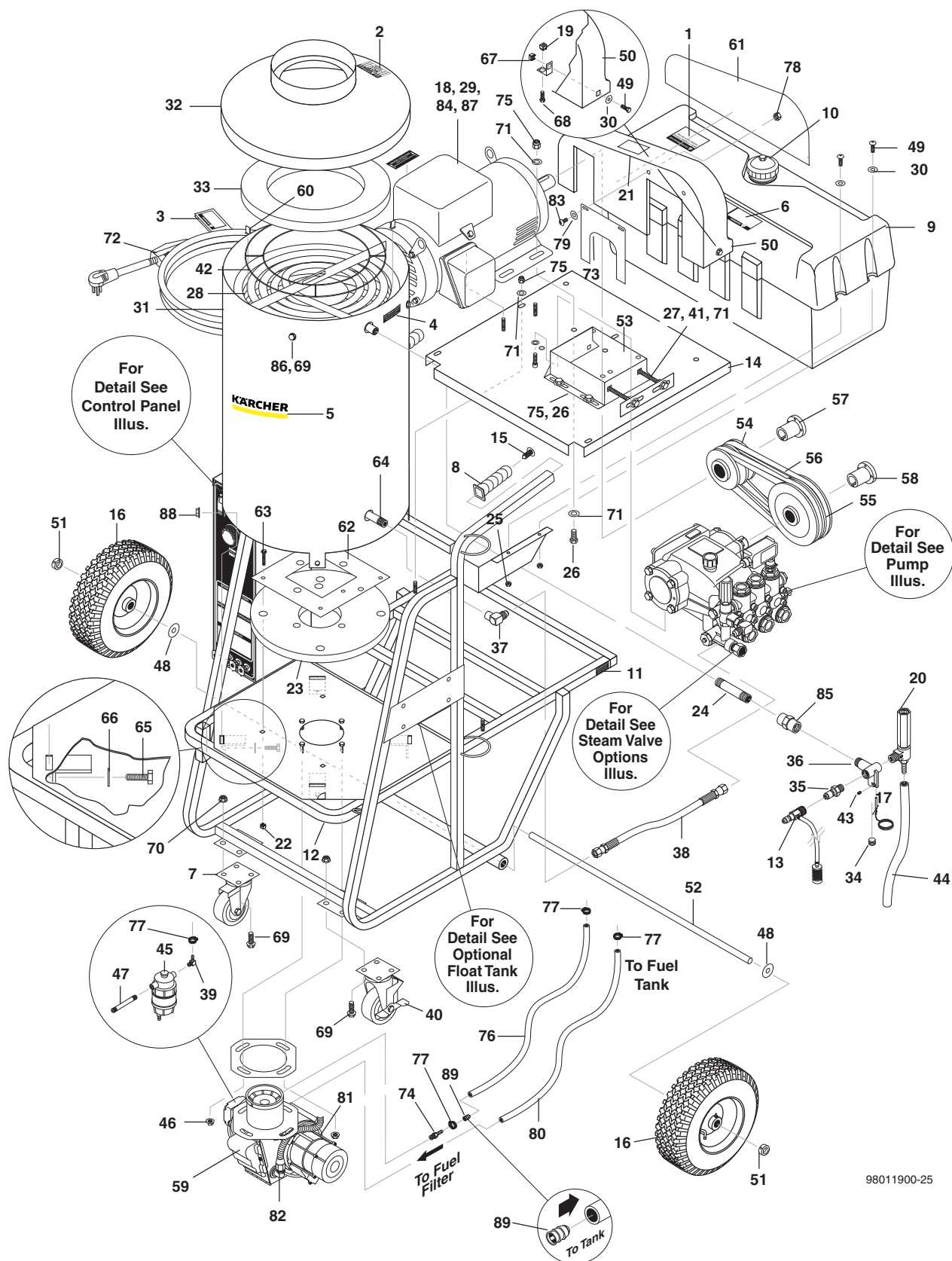


Parts

HPB

1.109-109.0	HPB-392007A
1.109-110.0	HPB-353007A
1.109-111.0	HPB-353007B
1.109-112.0	HPB-353007C

Main Assembly

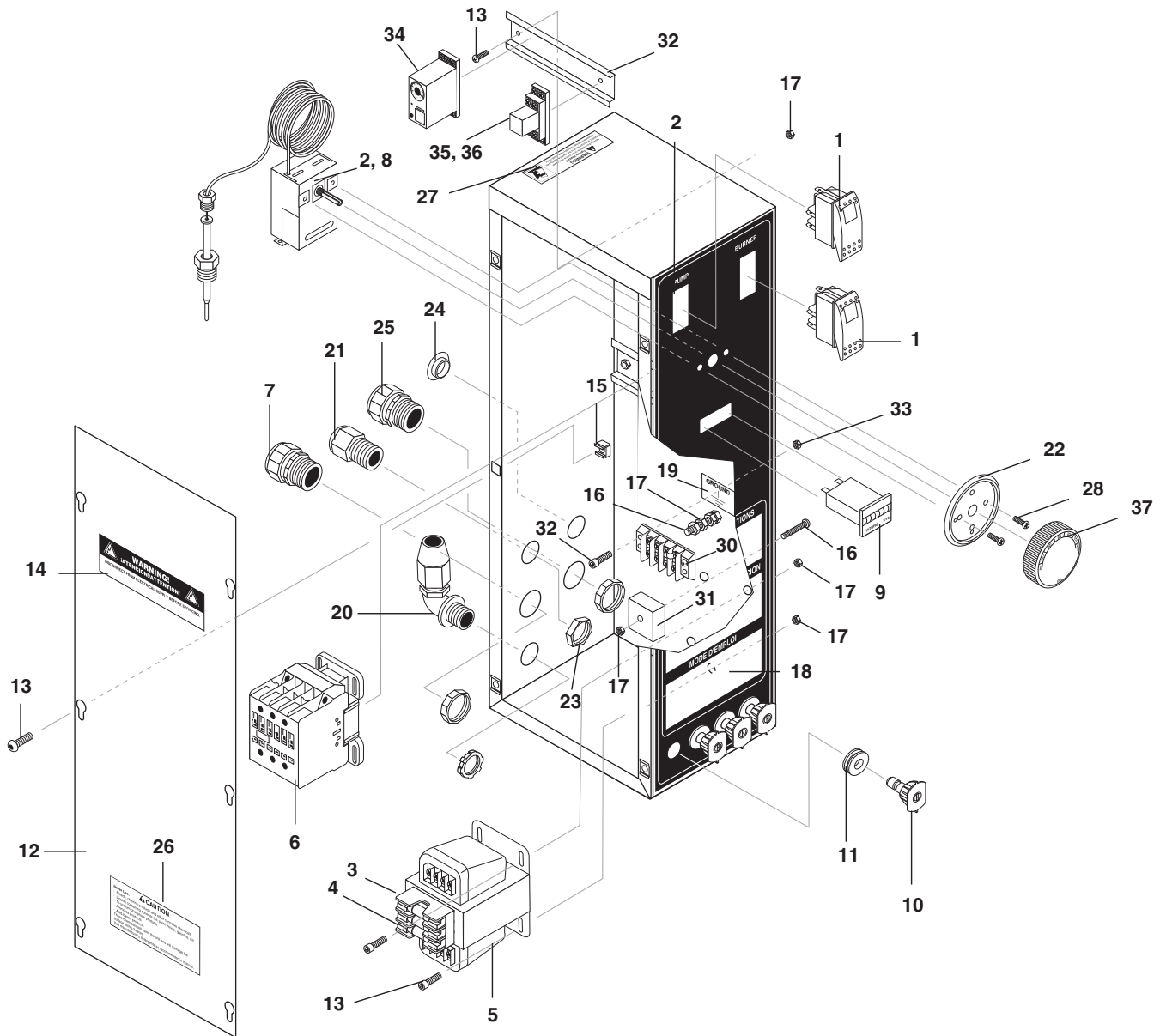


REF	PART NO.	QTY	DESCRIPTION	NOTES
1	8.932-960.0	1	LABEL, DIESEL	
2	9.800-006.0	1	LABEL, "HOT/CALIENTE" WITH ARROWS WARNING	
3	8.932-969.0	1	LABEL, WARNING, SERVICE CORD	
4	9.800-021.0	1	LABEL, HOT WATER OUTLET	
5	8.932-985.0	1	LABEL, KARCHER, STRIPE, 17" x 3.875"	
6	9.800-035.0	1	LABEL, WARNING (LEXAN)	
7	9.802-272.0	1	WHEEL, 5" CASTER	
8	9.802-070.0	2	GRIP, 1" SQUARE, HANDLE	
9	8.706-612.0	1	TANK, FUEL, 9 GALLON POLY, BLACK	
10	9.802-089.0	1	CAP, FUEL TANK, PLASTIC H60-AV	
11	9.800-020.0	1	LABEL, COLD WATER INLET	
12	9.803-062.0	1	FRAME ASSY	
13	8.756-797.0	1	INJECTOR, CHEMICAL, NON ADJ 0.083(2.1MM)	
14	9.803-064.0	1	POWER PLATFORM	1.109-109.0
-	9.803-063.0	1	POWER PLATFORM	
15	9.802-107.0	2	FASTENER, RATCHET, BLACK NYLON	
16	8.754-435.0	2	WHEEL & PU TIRE ASSY, 12" STEEL RIM	
17	8.750-094.0	1	THERMOSTAT, 302°	
18	-		FOR MOTOR, PLEASE SEE SPECIFICATIONS PAGES.	
19	9.802-872.0	3	TAB, BELT GUARD MOUNT	
20	8.902-433.0	1	VALVE, SAFETY RELIEF	
21	8.932-965.0	1	LABEL, WARNING, EXPOSED PULLEY	
22	9.802-792.0	4	NUT, CAGE, 3/8" X 12 GAUGE	
23	9.802-905.0	1	INSULATION BLANKET, 18" OD X 4.5" ID	
24	9.802-013.0	1	NIPPLE, 1/2" X 2-1/2"	
25	9.802-775.0	4	NUT, 1/4", FLANGE	
26	9.802-720.0	8	BOLT, 3/8" X 1" 6	1.109-109.0
27	9.802-733.0	2	BOLT, 3/8" X 3-1/2", TAP	
28	9.802-995.0	1	COIL, 18"	
-	9.802-896.0	1	INSULATION BLANKET	
29	9.802-518.0	1	STRAIN RELIEF, 3/4"	1.109-109.0
-	9.803-279.0	1	STRAIN RELIEF, 1"	1.109-110.0, 1.109-111.0, 1.109-112.0
30	9.802-803.0	4	WASHER, 1/4"	
31	8.933-031.0	1	OUTER WRAP, 18" COIL S.S.	
32	9.802-973.0	1	TANK END 18"	
33	8.717-442.0	1	INSULATION DISK	
34	8.706-248.0	1	PLUG, 3/8"	
35	9.802-171.0	1	NIPPLE, 3/8" X 3/8" NPT STREET MALE	
36	9.149-003.0	1	MANIFOLD COIL DISCHARGE	
37	9.802-043.0	1	ELBOW, 1/2" JIC X 1/2" FEMALE	
38	8.918-423.0	1	HOSE, 3/8" X 22"	
39	8.706-958.0	1	HOSE BARB, 1/4" BARB, 1/4" PIPE, 90°	

Main Assembly

REF	PART NO.	QTY	DESCRIPTION	NOTES
40	9.802-273.0	1	WHEEL, 5" CASTER, W/BRAKE	
41	9.802-789.0	2	NUT, 3/8" HEX	
42	8.719-935.0	1	RETAINER RING, INSULATION	
43	9.196-012.0	1	SCREW, 10-24 X 1/4"	
44	8.711-785.0	30"	HOSE, 3/8" PUSH-ON	
45	8.725-306.0	1	FILTER, FUEL/H2O	
46	9.802-781.0	4	NUT, 3/8" FLANGE, WHIZ LOC	
47	9.803-264.0	1	NIPPLE, 1/4" X 3", BLACK PIPE	
48	9.802-810.0	2	WASHER, 5/8" FLAT	
49	9.802-770.0	7	SCREW, 1/4" X 1"	
50	9.802-094.0	1	BELT GUARD	
51	9.802-782.0	2	COLLAR, 5/8"	
52	9.803-066.0	1	AXLE, SR	
53	9.803-131.0	1	PUMP RAIL, BLACK	
54	-	-	FOR PULLEY, PLEASE SEE SPECIFICATIONS PAGES.	
55	-	-	FOR PULLEY, PLEASE SEE SPECIFICATIONS PAGES.	
56	-	-	FOR BELT, PLEASE SEE SPECIFICATIONS PAGES.	
57	-	-	FOR BUSHING, PLEASE SEE SPECIFICATIONS PAGES.	
58	9.802-402.0	1	BUSHING, 24MM	
59	-	-	FOR BURNER, PLEASE SEE SPECIFICATIONS PAGES.	
60	9.802-825.0	4	CLIP, RETAINER	
61	9.800-046.0	1	LABEL, BELT GUARD	
62	9.803-030.0	1	RETAINER, BURNER INSULATION	
63	9.802-768.0	4	SCREW, 3/8" X 1-1/4" WHIZ LOC	
64	9.802-014.0	1	NIPPLE, 1/2" X 3", GALVANIZED	
65	8.718-618.0	1	BOLT, 5/16" X 3/4"	
66	8.718-980.0	4	WASHER, 5/16 FLAT	
67	9.802-794.0	6	NUT, CAGE, 1/4" X 12 GAUGE	
68	9.802-754.0	3	SCREW, 1/4" X 1/2", WHIZ LOC	
69	9.802-752.0	8	SCREW, 1/4" X 1-1/4", WHIZ LOC	
70	8.718-817.0	8	NUT, 1/4-20 WHIZ LOC	
71	9.802-807.0	25	WASHER, 3/8", FLAT	1.109-109.0
-	9.802-807.0	23	WASHER, 3/8", FLAT	1.109-110.0, 1.109-111.0, 1.109-112.0
72	9.802-430.0	1	GFCI, 230V, 30 AMP	1.109-109.0
-	9.802-434.0	1	GFCI, 240V, 40 AMP	1.109-110.0
-	9.802-437.0	15 ft.	SERVICE CORD, 10/4	1.109-111.0
-	9.802-429.0	15 ft.	SERVICE CORD, 12/4	1.109-112.0
73	8.920-445.0	1	ADAPTER PLATE, PUMP	
74	8.706-941.0	1	HOSE BARB, 1/4"	
75	9.802-779.0	11	NUT, 3/8" ESNA	

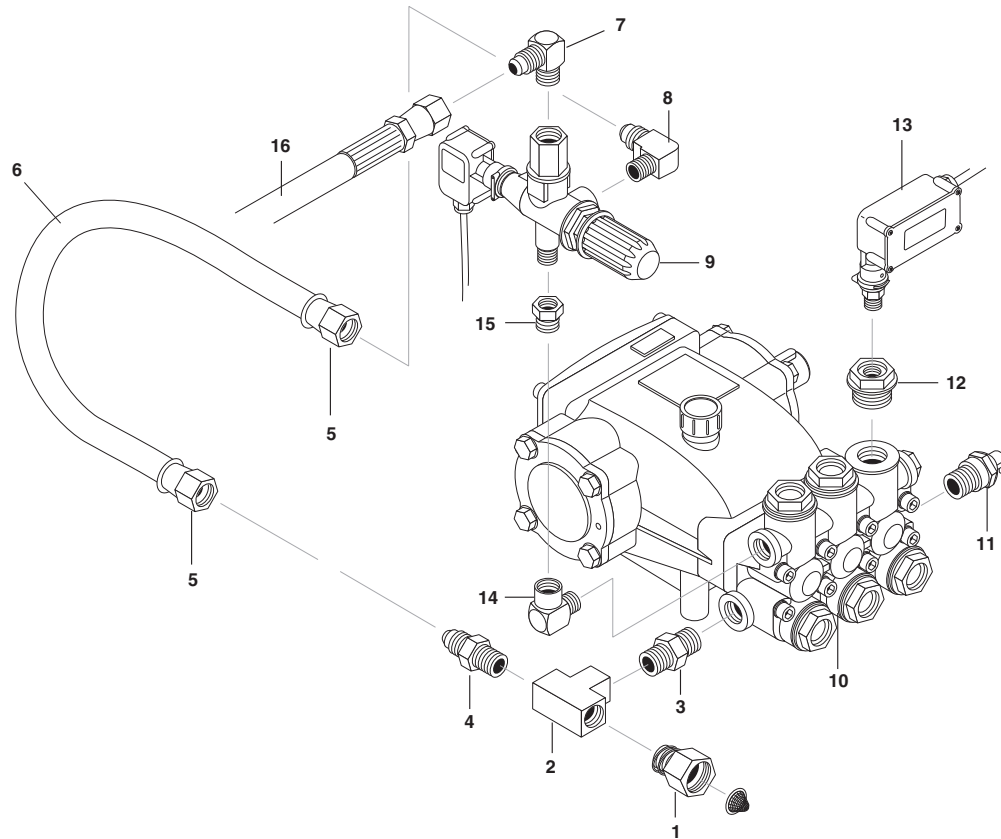
REF	PART NO.	QTY	DESCRIPTION	NOTES
76	9.802-254.0	28"	FUEL LINE, 1/4"	
77	8.709-069.0	4	CLAMP, SCREW, 5/16"W,1/4-5/8"D, SS	
78	9.802-775.0	2	NUT 1/4" FLANGE ZN	
79	9.804-082.0	2	WASHER, 1/4" FLAT ZINC	
80	9.802-254.0	28"	FUEL LINE, 1/4"	
81	9.802-448.0	2.25 ft.	CONDUIT, WATER TITE	
82	9.802-517.0	1	CONNECTOR 1/2" L/T 90° BLACK	
83	9.802-765.0	2	SCREW, 1/4-20 X 1/2" BH BLACK	
84	9.802-436.0	41"	CORD SERVICE 10-3	1.109-109.0
-	9.802-437.0	41"	CORD SERVICE 10-4	1.109-111.0
-	9.802-425.0	41"	CORD SERVICE 8-3	1.109-110.0
85	8.706-141.0	1	COUPLING, 1/2" X STEEL PIPE	
86	9.802-793.0	4	NUT, CAGE 1/4" X 16 GAUGE	
87	9.803-280.0	1	LOCK NUT 1"	1.109-110.0, 1.109-111.0, 1.109-112.0
88	9.802-778.0	4	NUT, WHIZ 5/16 FLANGE	
89	8.754-911.0	1	CHECK VALVE, 1 WAY, 1/4" BARB	



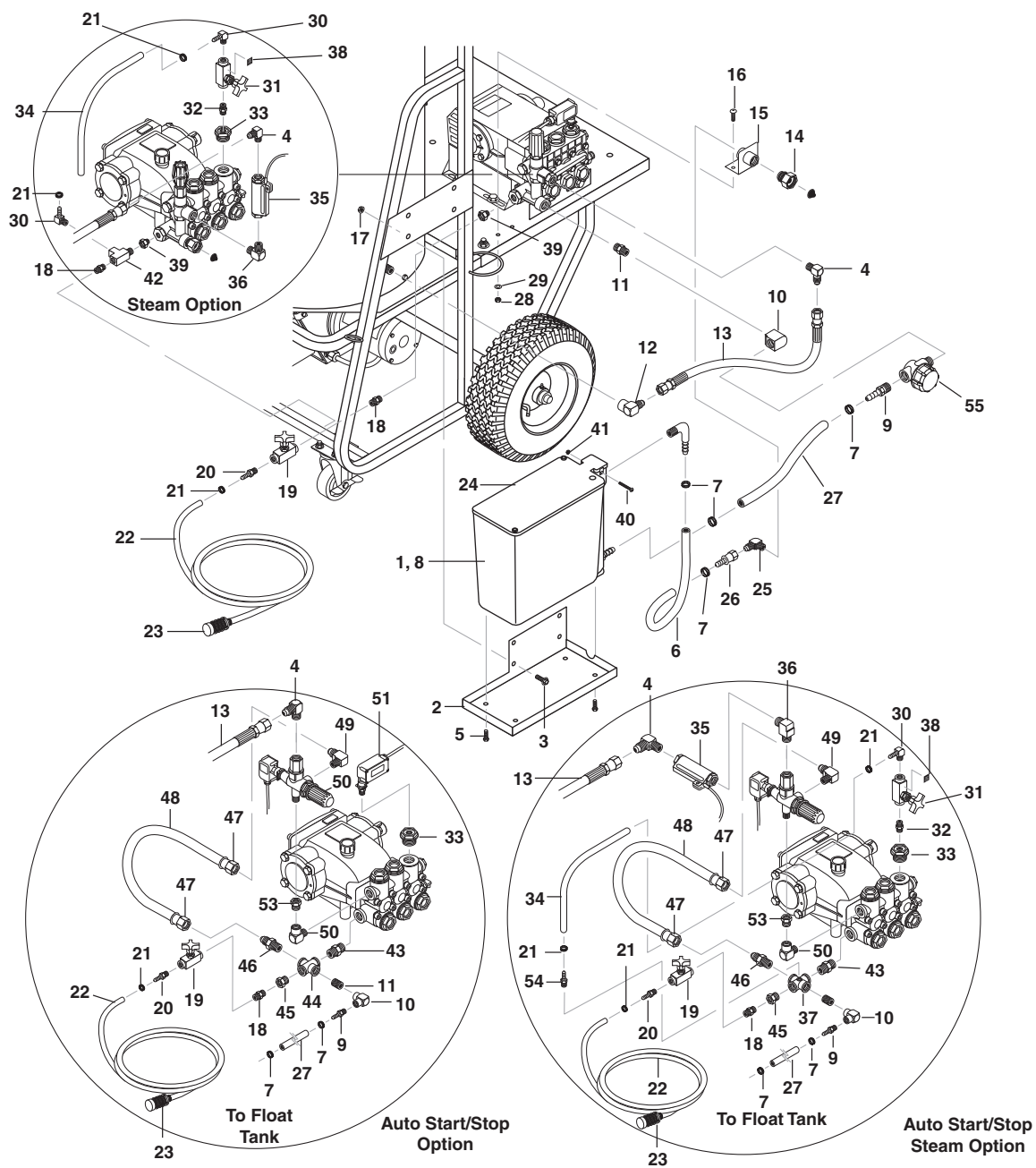
REF	PART NO.	QTY	DESCRIPTION	NOTES
1	9.802-451.0	2	SWITCH, ROCKER, CARLING W/GREEN LENS	
-	-	1	SWITCH, ROCKER, CARLING W/GREEN LENS	TIME DELAY OPTION
-	9.802-452.0	1	ROCKER SWITCH, RED LENS	TIME DELAY OPTION
2	9.802-447.0	48"	CONDUIT, 1/4" SPLIT	
3	-	-	FOR FUSE, PLEASE SEE SPECIFICATIONS PAGES.	
4	-	-	FOR FUSE, PLEASE SEE SPECIFICATIONS PAGES.	
5	-	-	FOR TRANSFORMER, PLEASE SEE SPECIFICATIONS PAGES.	
6	-	-	FOR CONTACTOR, PLEASE SEE SPECIFICATIONS PAGES.	
7	9.802-518.0	1	STRAIN RELIEF, STRAIGHT, L/T	
-	9.802-521.0	1	STRAIN RELIEF, 3/4" WATERTIGHT	1.109-110.0
8	8.750-095.0	1	THERMOSTAT, 302°	
9	9.802-283.0	1	HOUR METER	OPTIONAL
10	8.712-358.0	1	NOZZLE, SAQCMEG 1505.5, YELLOW	1.109-109.0
-	8.712-359.0	1	NOZZLE, SAQCMEG 2505.5, GREEN	1.109-109.0
-	8.712-360.0	1	NOZZLE, SAQCMEG 4005.5, WHITE	1.109-109.0
-	8.712-346.0	1	NOZZLE SAQCMEG 1504, YELLOW	1.109-110.0, 1.109-111.0, 1.109-112.0
-	8.712-347.0	1	NOZZLE, SAQCMEG 2504, GREEN	1.109-110.0, 1.109-111.0, 1.109-112.0
-	8.712-348.0	1	NOZZLE, SAQCMEG 4004, WHITE	1.109-110.0, 1.109-111.0, 1.109-112.0
11	9.802-064.0	4	GROMMET, RUBBER, NOZZLE HOLDER	
12	9.802-880.0	1	COVER, ELECTRICAL BOX	
13	9.802-759.0	13	SCREW, 10/32" X 1/2"	
-	-	2	SCREW, 10/32" X 1/2"	TIME DELAY OPTION
14	9.800-016.0	1	LABEL, DISCONNECT POWER SUPPLY	
15	9.802-791.0	6	NUT, CAGE, 10/32" X 16 GAUGE	
16	9.802-762.0	1	SCREW, 10/32" X 1-1/4"	
-	-	1	SCREW, 10/32" X 1-1/4"	AUTO START/STOP OPTION
17	9.802-695.0	4	NUT, 10/32" KEPS	
-	-	1	NUT, 10/32" KEPS	AUTO START/STOP DELAY OPTION
-	-	2	NUT, 10/32" KEPS	TIME DELAY OPTION
18	9.800-112.0	1	LABEL,KRCHR,HDS,CNTRL PNL,LRG,VRT AC OIL	
19	9.800-040.0	1	LABEL, GROUND	
20	9.802-517.0	1	CONNECTOR, 1/2", L/T 90°, BLACK	
21	9.802-514.0	1	STRAIN RELIEF, STRAIGHT, L/T, SMALL	
22	8.712-190.0	1	BEZEL, PLASTIC	
23	9.802-525.0	1	LOCKNUT, 1/2"	
24	9.802-103.0	1	BUSHING, SNAP, 5/8"	
25	9.802-518.0	1	STRAIN RELIEF, STRAIGHT, L/T, LARGE	
26	9.800-018.0	1	LABEL, TIPOVER HAZARD	

Control Panel

REF	PART NO.	QTY	DESCRIPTION	NOTES
27	9.800-049.0	1	LABEL, CLEANING SOLUTION	
28	9.196.012.0	2	SCREW, 10/24 X 1/4" HEX	
29	9.802-457.0	4"	DIN RAIL	
-	-	2"	DIN RAIL	TIME DELAY OPTION
30	9.802-491.0	1	BLOCK TERMINAL 4 POLE	AUTO START/STOP, TIME DELAY OPTION
31	9.802-472.0	1	TIMER SOLID STATE 120V, 5-60, MINUTE ADJ.	AUTO START/STOP OPTION
32	9.802-749.0	2	SCREW 8/32" X 3/4"	AUTO START/STOP, TIME DELAY OPTION
33	9.802-785.0	2	NUT 8/32" KEPS	AUTO START/STOP, TIME DELAY OPTION
34	8.751-306.0	1	TIMER, MULTI FUNCTION 24V-120/240V	TIME DELAY OPTION
35	9.802-467.0	1	BASE RELAY	TIME DELAY OPTION
36	9.802-468.0	1	RELAY 120V	TIME DELAY OPTION
37	8.750-096.0	1	KNOB, THERMOSTAT 302°F	



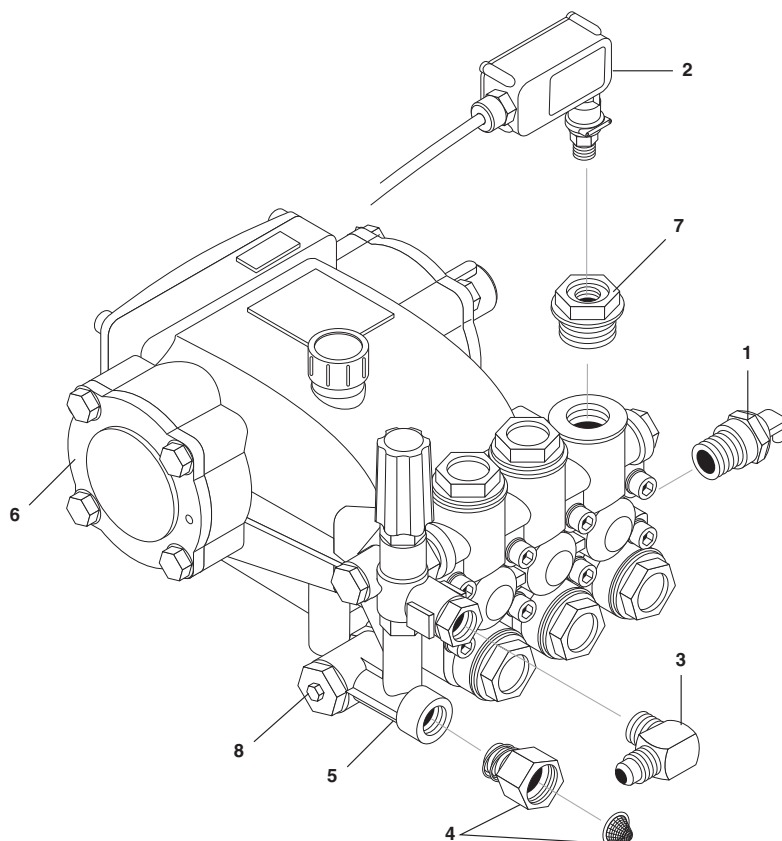
REF	PART NO.	QTY	DESCRIPTION	NOTES
1	9.802-146.0	1	SWIVEL, 1/2" MP X 3/4" GHF W/STRAINER	
2	8.706-844.0	1	TEE, 1/2" FEMALE PIPE	
3	8.706-797.0	1	NIPPLE, 1/2" HEX	
4	9.802-127.0	1	NIPPLE, 1/2" JIC X 1/2" MPT PIPE	
5	9.802-151.0	2	SWIVEL, 1/2" JIC FEM, PUSH-ON	
6	9.802-259.0	16"	HOSE, 1/2" PUSH-ON	
7	9.802-039.0	1	ELBOW, 1/2" JIC, 3/8"	
8	9.802-129.0	1	ELBOW, 1/2" JIC X 3/8"	
9	9.802-362.0	1	UNLOADER, VB8 W/SWITCH	
10	-	-	PUMP, PLEASE SEE SPECIFICATIONS PAGES	
11	8.707-256.0	1	PUMP PROTECTOR, 1/2"	
12	9.802-632.0	1	CAP, VALVE WITH 1/4" GA PORT	
13	9.802-458.0	1	SWITCH, PRESSURE 1/4" NPT	
14	8.706-207.0	1	ELBOW, 3/8" STREET	
15	8.706-309.0	1	ADAPTER, 3/8" X 3/8" STREET	
16	8.918-423.0	1	HOSE, 3/8" X 22", PRESSURE LOOP	



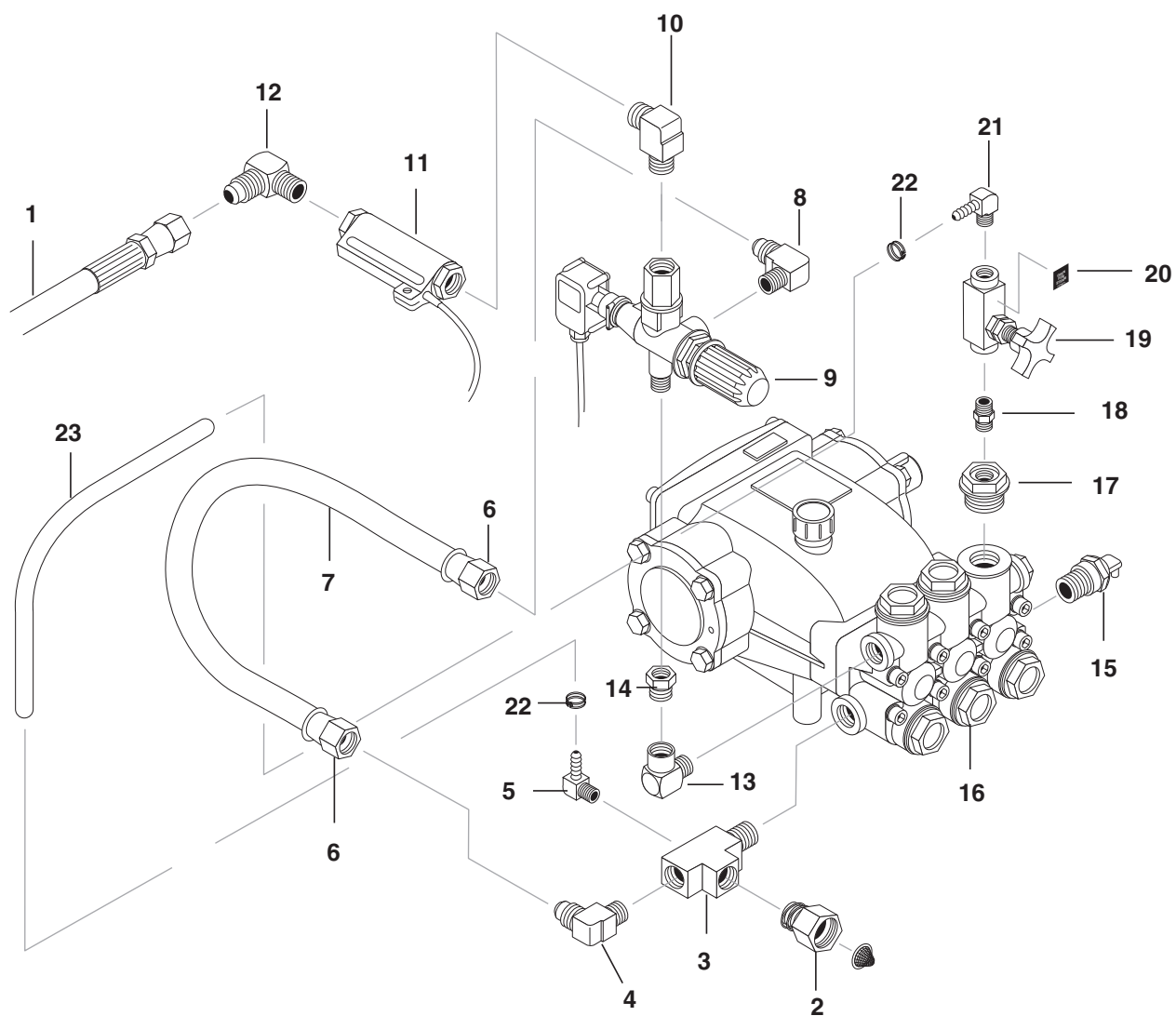
REF	PART NO.	QTY	DESCRIPTION	NOTES
1	8.706-645.0	1	TANK, FLOAT	
2	9.803-269.0	1	SHELF, FLOAT TANK, BLACK	
3	9.802-767.0	4	SCREW, 3/8" X 3/4" HH NC, WHIZ LOC	
4	9.802-039.0	1	ELBOW, 1/2" JIC X 3/8" FEMALE, 90°	
5	9.803-277.0	4	SCREW, 5/16" X 1/2" WHIZ LOC	
6	9.802-259.0	20"	HOSE, 5/8", PUSH-ON	
7	9.802-201.0	4	CLAMP, SCREW, #6	
8	8.932-994.0	1	VALVE, FLOAT	NOT SHOWN
-	9.802-062.0	1	BALL FLOAT	NOT SHOWN
9	8.706-943.0	1	HOSE BARB, 5/8" BARB X 1/2" ML PIPE	
10	8.706-820.0	1	ELBOW, 1/2" FEMALE, BRASS	
11	9.802-111.0	1	NIPPLE, 1/2" NPT, 5/16", MODIFIED CLOSE	
12	9.802-043.0	1	ELBOW, 1/2" X 1/2" FEMALE, 90°	
13	8.918-423.0	1	HOSE, 3/8" X 22", 2 WIRE, PRESSURE LOOP	
14	9.802-146.0	1	SWIVEL, 1/2" MP X 3/4" GHF W/STRAINER	
15	9.802-961.0	1	HOSE CONNECTION BRACKET	
16	9.802-700.0	2	BOLT, 1/4" X 3/4", NC HH	
17	9.802-781.0	4	NUT, 3/8", FLANGE, WHIZ LOC, NC	
18	8.706-780.0	1	NIPPLE, 1/4" HEX	
19	8.707-317.0	1	VALVE, FLOW CONTROL	
20	8.706-941.0	1	HOSE BARB, 1/4" BARB X 1/4" ML PIPE	
21	6.390-126.0	1	CLAMP, HOSE, .46-, .54 ST	
-	-	3	(FLOAT TANK W/STEAM)	
22	9.802-251.0	72"	TUBE, 1/4" X 1/2", CLEAR VINYL	
23	8.707-058.0	1	STRAINER, 1/4" BRASS W/CHECK VALVE	
24	9.802-087.0	1	COVER, FLOAT TANK, PORTOTENICA	
25	9.802-131.0	1	ELBOW, 1/2" JIC X 1/2", 90°	
26	9.802-151.0	1	SWIVEL, 1/2" JIC FEMALE, PUSH-ON	
27	9.802-260.0	7"	HOSE, 5/8" PUSH-ON	
28	9.802-773.0	2	NUT, 1/4", ESNA, NC	
29	9.802-802.0	4	WASHER, 1/4" FLAT, SAE	
30	8.706-958.0	1	HOSE BARB, 1/4" BARB X 1/4" PIPE, 90°	
31	9.802-187.0	1	VALVE, FLOW CONTROL W/METERING	
32	8.705-973.0	1	NIPPLE, 1/4" HEX STEEL	
33	9.802-632.0	1	CAP, VALVE W/ 1/4" GAUGE PORT	
34	9.802-254.0	14"	HOSE, 1/4", PUSH-ON	
35	8.933-006.0	1	SWITCH, MV60 FLOW	
36	8.706-168.0	1	ELBOW, 3/8" MALE PIPE	
37	9.804-555.0	1	CROSS, 1/2" FEMALE W/1/8" NPT HOLE	
38	9.800-026.0	1	LABEL, OPEN FOR STEAM	
39	8.706-997.0	1	ADAPTER 1/4" X 1/8"	
40	9.804-554.0	1	SCREW, 10/32" X 2-1/2"	

Float Tank

REF	PART NO.	QTY	DESCRIPTION	NOTES
41	9.802-695.0	1	NUT, 10/32" KEPS	
42	8.706-855.0	1	TEE, 1/4" STREET	
43	8.706-797.0	1	NIPPLE, 1/2" HEX	
44	9.802-119.0	1	CROSS, 1/2" FEMALE	
45	8.706-915.0	1	BUSHING, 1/2" X 1/4"	
46	9.802-128.0	1	NIPPLE, 1/2" JIC X 1/2" PIPE	
47	9.802-151.0	2	SWIVEL, 1/2" JIC FEMALE, PUSH-ON	
48	9.802-259.0	16"	HOSE, 1/2", PUSH-ON	
49	9.802-129.0	1	ELBOW, 1/2" JIC X 3/8" 90°	
50	9.802-362.0	1	UNLOADER VB8 W/SWITCH	
51	9.802-458.0	1	SWITCH, PRESSURE N/O 1/4", NPT SS	
52	8.706-207.0	1	ELBOW, 3/8" STREET	
53	8.706-309.0	1	ADAPTER, 3/8" X 3/8" STREET	
54	8.706-940.0	1	HOSE BARB, 1/4" BARB X 1/8" ML PIPE	
55	9.802-163.0	1	FILTER, 1/2" MPT, PA	

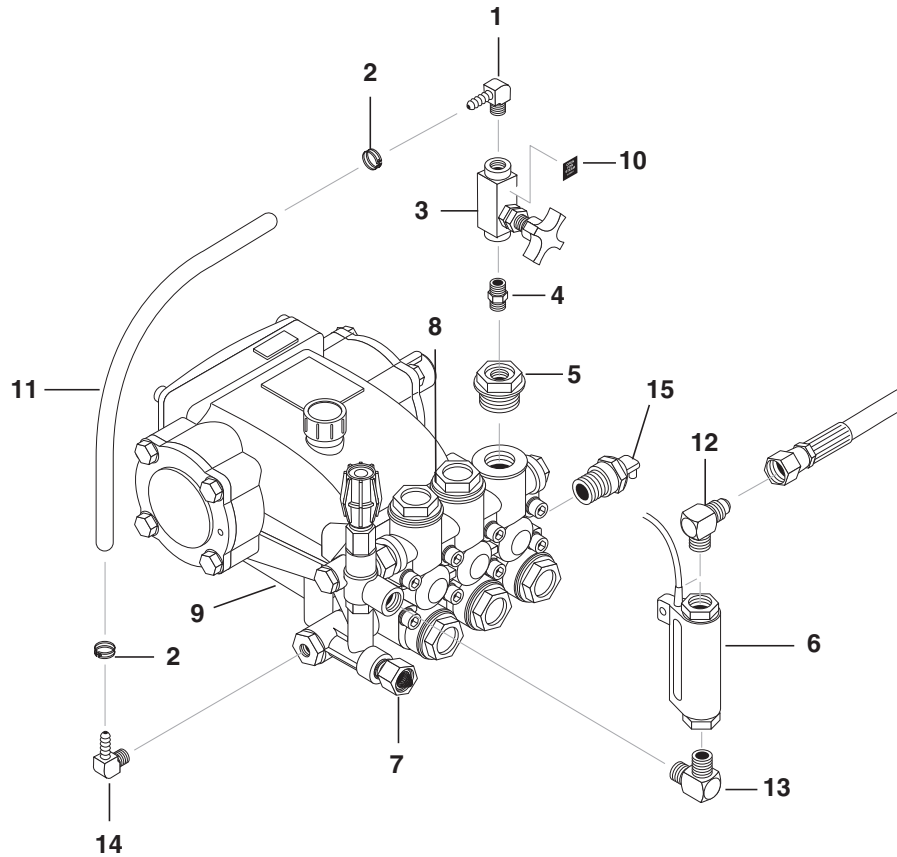


REF	PART NO.	QTY	DESCRIPTION	NOTES
1	8.707-256.0	1	PUMP PROTECTOR, 1/2"	
2	9.802-458.0	1	PRESSURE SWITCH, 1/4"	
3	9.802-039.0	1	ELBOW, 1/2" JIC X 3/8", 90°	
4	9.802-146.0	1	SWIVEL, 1/2" GHF	
5	-	-	FOR UNLOADER, PLEASE SEE SPECIFICATIONS PAGES	
6	-	-	FOR PUMP, PLEASE SEE SPECIFICATIONS PAGES	
7	9.802-632.0	1	CAP, VALVE W/1/4" PORT	
8	8.706-864.0	1	PLUG, 1/8" COUNTERSUNK	

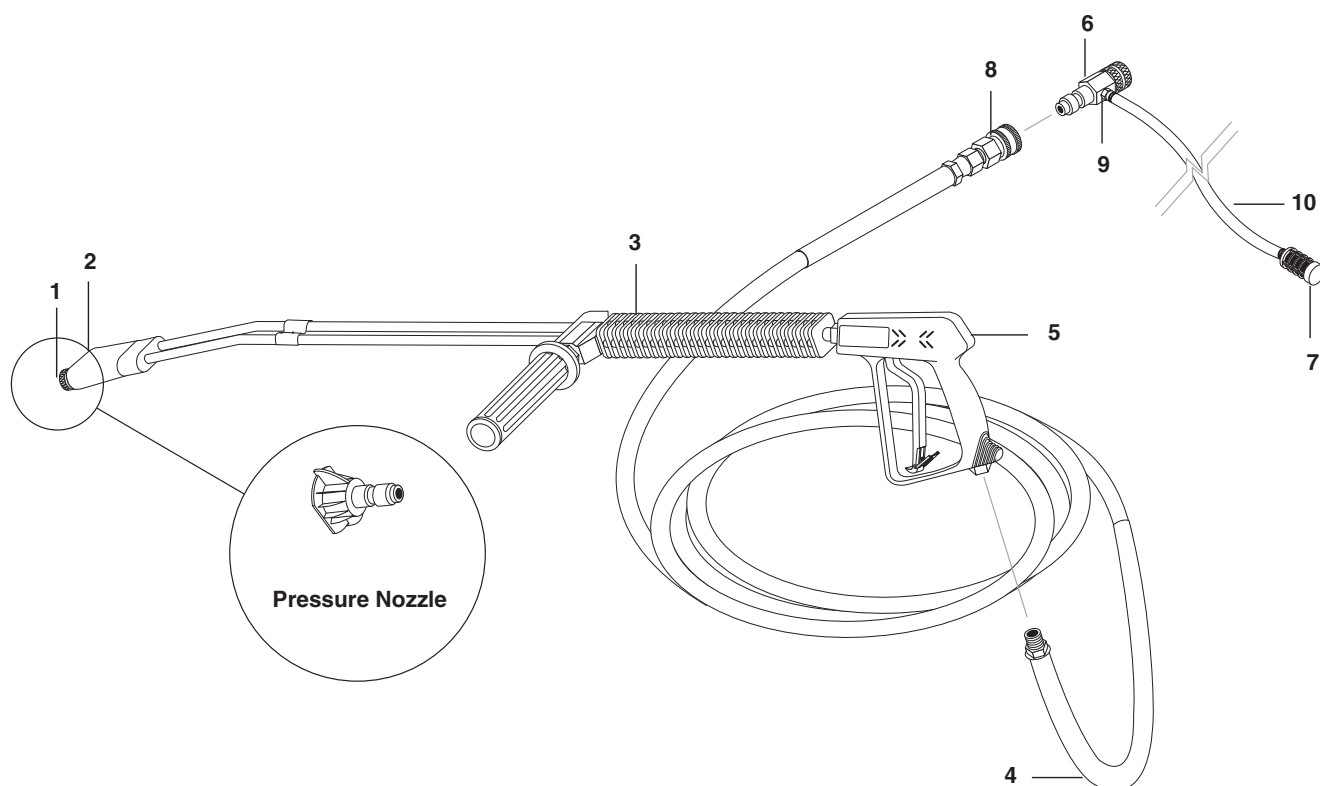


REF	PART NO.	QTY	DESCRIPTION	NOTES
1	8.918-423.0	1	HOSE, 3/8" X 22" PRESSURE LOOP	
2	9.802-146.0	1	SWIVEL, 1/2 X 3/4 GHF W/STRAINER	
3	9.802-123.0	1	TEE, 1/2" W/1/8" HOLE STREET	
4	9.802-131.0	1	ELBOW, 1/2" JIC X 1/2 - 90°	
5	9.802-142.0	1	HOSE BARB, 1/4 BARB X 1/8" PIPE 90°	
6	9.802-151.0	2	SWIVEL, 1/2" JIC FEM, PUSH-ON	
7	9.802-259.0	16"	HOSE, 1/2" PUSH-ON	
8	9.802-129.0	1	ELBOW, 1/2 JIC X 3/8" 90°	
9	9.802-362.0	1	UNLOADER, VB8 W/SWITCH	
10	9.803-044.0	1	ELBOW, 3/8" MALE PIPE	
11	9.802-459.0	1	SWITCH, FLOW	
12	9.802-039.0	1	ELBOW, 1/2 JIC, 3/8"	
13	8.706-207.0	1	ELBOW, 3/8" STREET	
14	8.706-309.0	1	ADAPTER, 3/8" X 3/8" STEEL	
15	8.707-256.0	1	PUMP PROTECTOR 1/2"	
16	-	-	FOR PUMP, PLEASE SEE SPECIFICATIONS PAGES	
17	9.804-022.0	1	CAP, VALVE W/1/4" GA. PORT	
18	9.802-010.0	1	NIPPLE, 1/4" HEX STEEL	
19	9.802-187.0	1	VALVE, FLOW CONTROL W/METERING	
20	9.802-026.0	1	LABEL, OPEN FOR STEAM	
21	9.802-143.0	1	HOSE BARB, 1/4" BARB X 1/4" PIPE	
22	6.390-126.0	2	CLAMP, HOSE	
23	9.802-254.0	14"	HOSE, 1/4" PUSH-ON	

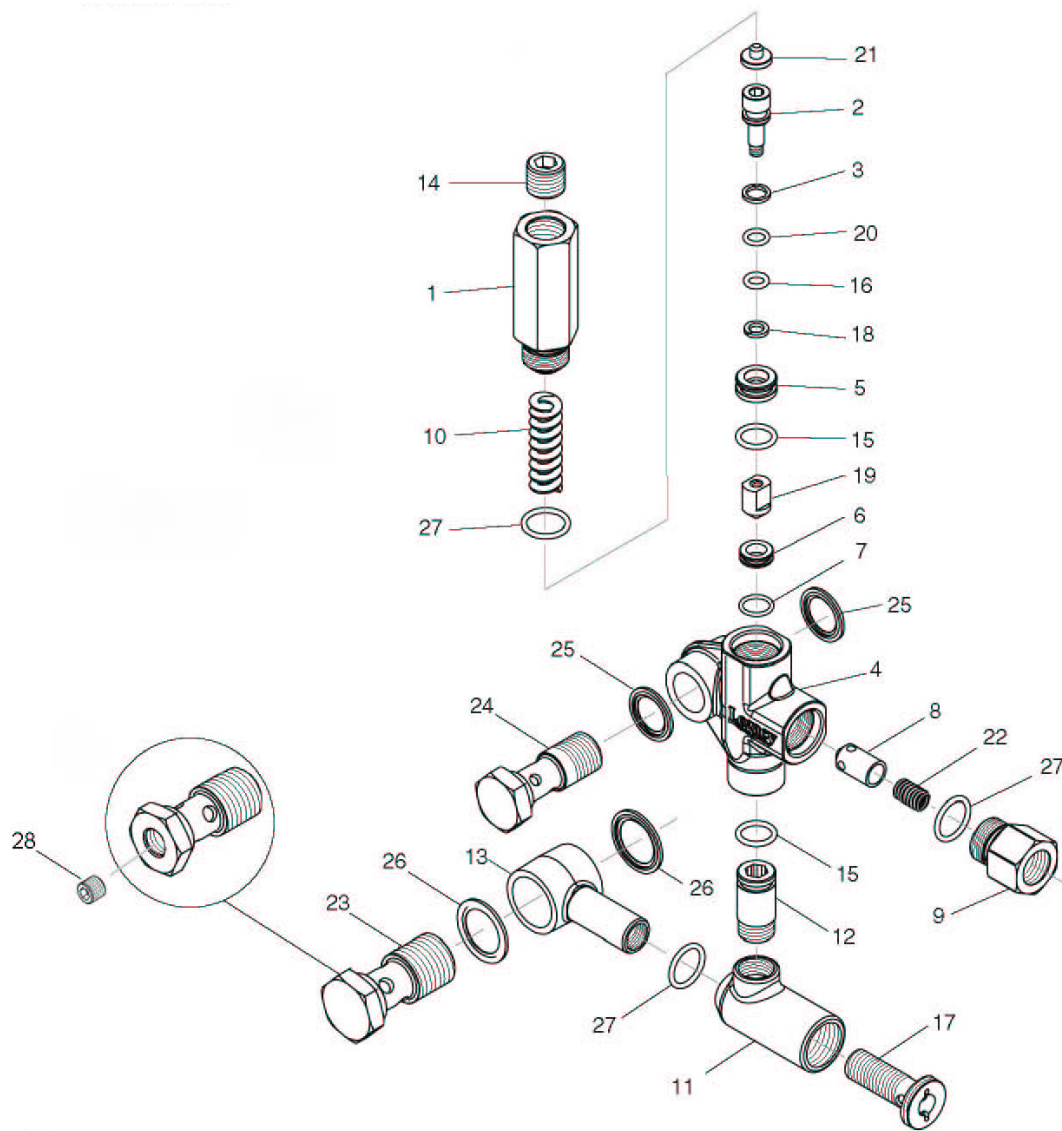
Steam Option



REF	PART NO.	QTY	DESCRIPTION	NOTES
1	9.802-143.0	2	HOSE BARB, 1/4" BARB X 1/4" PIPE, 90°	
2	6.390-126.0	2	CLAMP, HOSE, .46-, .54 ST	
3	9.802-187.0	1	VALVE, FLOW CONTROL W/METERING	
4	9.802-010.0	1	NIPPLE, 1/4" HEX STEEL	
5	9.802-632.0	2	CAP, VALVE WITH 1/4" GAUGE PORT	
6	9.802-459.0	1	SWITCH, MV-60 FLOW	
7	9.802-146.0	1	SWIVEL, 1/2" MP X 3/4" GHF W/STRAINER	
8	-	-	FOR UNLOADER, PLEASE SEE SPECIFICATIONS PAGES.	
9	-	-	FOR PUMP, PLEASE SEE SPECIFICATIONS PAGES.	
10	9.800-026.0	1	LABEL, OPEN FOR STEAM	
11	9.802-254.0	14"	HOSE, 1/4" PUSH-ON	
12	9.802-039.0	1	ELBOW, 1/2" JIC X 3/8"	
13	9.803-044.0	1	ELBOW, 3/8" PIPE, MALE	
14	9.802-142.0	1	HOSE BARB 1/4", BARB X 1/8" PIPE 90°	
15	8.707-256.0	2	PUMP PROTECTOR, 1/2"	



REF	PART NO.	QTY	DESCRIPTION	NOTES
1	9.802-165.0	1	COUPLER, 1/4" MALE	
-	9.802-096.0	1	QUICK COUPLER O-RING, SMALL	
2	9.802-286.0	1	NOZZLE ONLY, 1/8" SOAP	
3	9.802-222.0	1	WAND, ZINC, VP, W/COUPLER	
4	8.917-057.0	1	HOSE, 3/8" X 50' 1 WIRE,	
5	8.710-384.0	1	GUN, ST-1500, 5000 PSI 10.4 GPM	
6	9.802-225.0	1	DETERGENT INJECTOR, NON ADJUST #3	
7	9.802-160.0	1	STRAINER, 1/4" HOSE BARB	
8	9.802-166.0	1	COUPLER, 3/8" FEMALE	
-	9.802-100.0	1	QUICK COUPLER, O-RING, LARGE	
9	6.390-126.0	2	CLAMP, HOSE, .46-, .54 ST	
10	9.802-251.0	6 ft.	TUBE, 1/4" X 1/2" CLEAR VINYL	

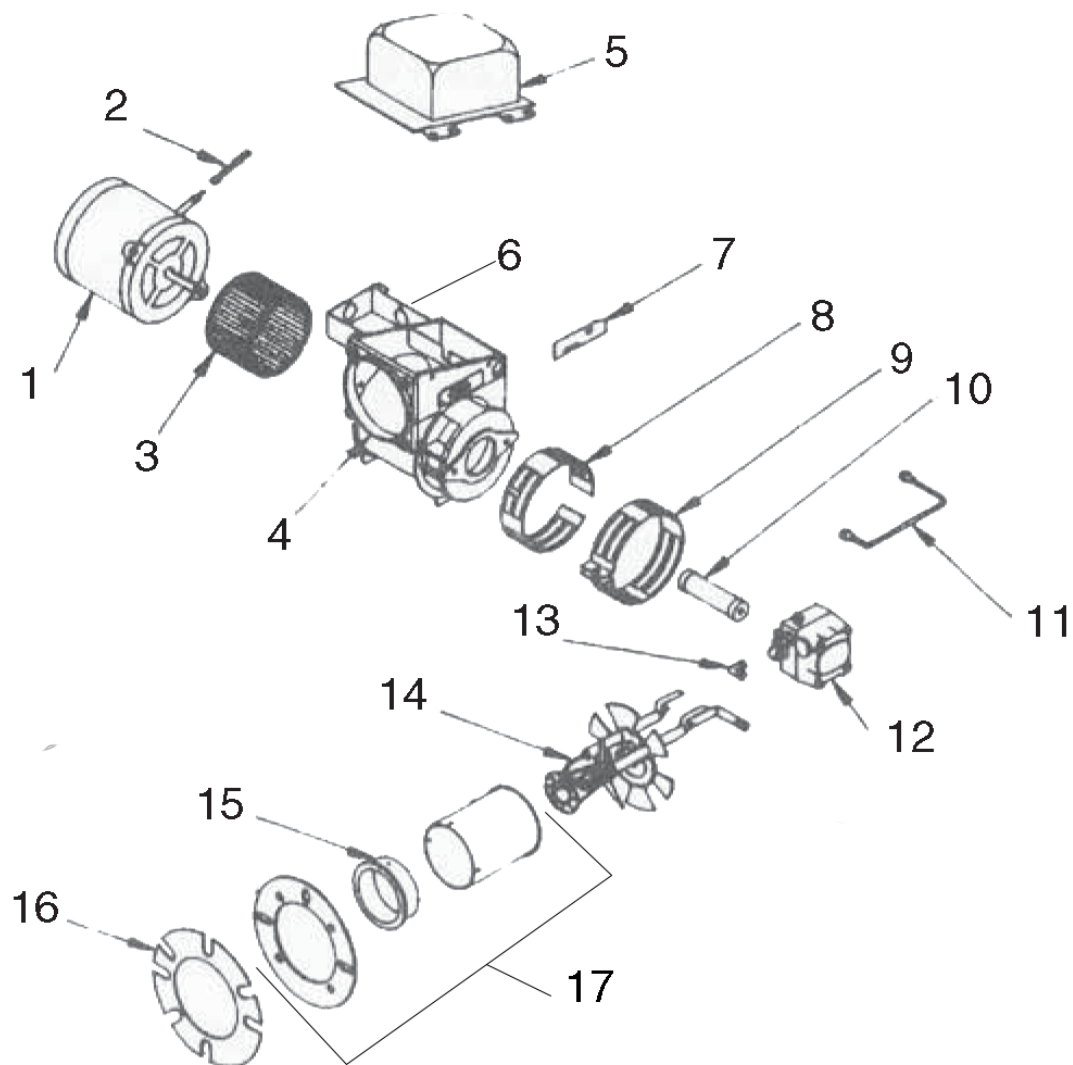


REF	PART NO.	QTY	DESCRIPTION	NOTES
1	-	1	PISTON HOUSING	A
2	-	1	PISTON	C
3	8.749-795.0	1	PISTON O-RING BACK UP	
4	8.749-796.0	1	MAIN BLOCK	
5	9.152-372.0	1	PISTON RING	
6	-	1	BALL SEAT	C
7	-	1	O-RING, 10.5 ID X 1.5 CS	A,C
8	-	1	PLUNGER	B
9	9.152-016.0	1	PLUNGER HOUSING	
10	-	1	BYPASS SPRING	C
11	9.149-001.0	1	LOW PRESSURE PORT	
12	9.152-017.0	1	SLIDING CONNECTOR, 30 MM	
	8.762-005.0	1	SLIDING CONNECTOR, 40 MM	
13	9.149-002.0	1	SLIDING CONNECTOR H 1/2"	
	9.149-005.0	1	SLIDING CONNECTOR H 3/8"	
14	9.196-011.0	1	PLUG, 5/8 - 18 UNF	
15	-	2	O-RING 12 ID X 2 CS	A
16	-	1	O-RING 6 ID X 2 CS	A
17	9.149-006.0	1	SLIDING CONNECTOR GUIDE	
18	-	1	O-RING BACK UP	A
19	-	1	CONICAL SEAL	C
20	-	1	O-RING 6.75 X 1.78 BN80	A
21	-	1	SPRING SEAT	C
22	-	1	PLUNGER SPRING	B
23	8.762-001.0	1	BANJO BOLT, 1/2"	
-	8.762-011.0	1	BANJO BOLT, 1/2" - 1/4" NPT	
-	8.762-000.0	1	BANJO BOLT 3/8"	
24	8.762-000.0	1	BANJO BOLT 3/8"	
25	9.802-893.0	2	SEAL WASHER 3/8"	
26	9.803-921.0	2	SEAL WASHER, 1/2" (0120, 0130)	
-	9.802-893.0	2	SEAL WASHER 3/8" (0140)	
27	-	3	O-RING 15 ID X 2 CS	A,B
28	8.706-865.0	1	PLUG, 1/4"	

KIT A - 9.104-038.0 - O-RING REPAIR KIT

KIT B - 9.104-039.0 - OUTLET KIT

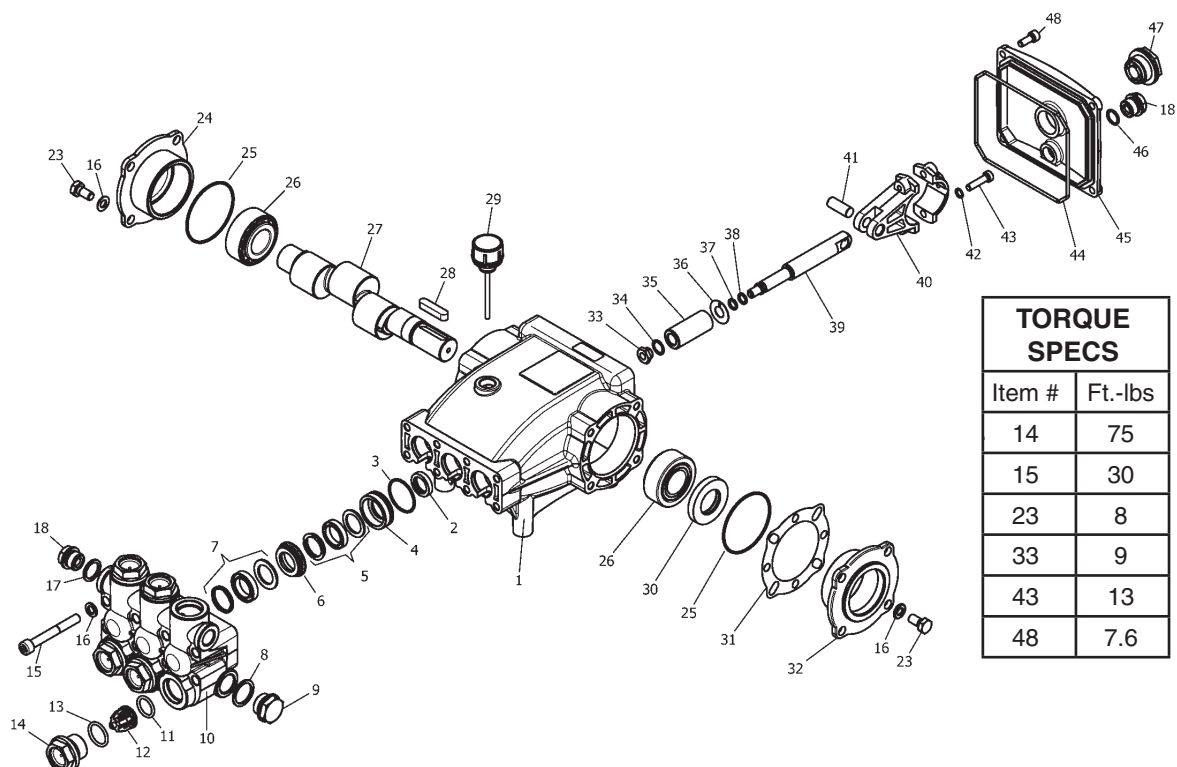
KIT C - 9.104-040.0 - STEM REPAIR KIT



REF	PART NO.	QTY	DESCRIPTION	NOTES
1	8.756-263.0	1	MOTOR, BURNER, 1/5 120V 50-60HZ	
	8.756-294.0	1	MOTOR, BURNER, 1/5 230V 50-60HZ	
2	13121	1	MOTOR CORD COVER	
3	8.700-730.0	1	BLOWER WHEEL, 5-.25' x 3-7/16(307000)	
4	8.700-735.0	1	BURNER HOUSING EHASR	
5	8.700-802.0	1	IGNITOR, 120V, SIDE/EH-EHA MOUNT	
-	8.756-291.0	1	IGNITOR, BURNER, "E" 240 50-60	
6	8.756-742.0	1	JUNCTION BOX, EHASR, BLACK BODY	
-	8.756-741.0	1	JUNCTION BOX, EHASR, BLACK COVER	NOT SHOWN
-	8.756-743.0	1	PLUG, HOLE, JUNCTION BOX, M&E	NOT SHOWN
7	13392	1	SLOT COVER PLATE	
8	8.700-732.0	1	BAND, AIR BURNER INNER EHA/SR	
9	8.700-729.0	1	AIR BAND 8 HOLE OUTER EHA/SR	
10	13279	1	COUPLING A/B PUMP	
11	8.700-704.0	1	OIL LINE, 6'	
12	8.756-290.0	1	FUEL PUMP, WCS - COMBO/W SOLENOID 120V	
13	13494	1	BRASS 90° ELBOW	
14	8.756-450.0	1	GUN ASSEMBLY, BURNER-RG/*CST/GBB1	
15	8.756-302.0	1	AIR CONE #8A	
16	8.700-692.0	2	GASKET, E & M SERIES BURNERS	
17	8.756-678.0	1	FLANGE, AIR TUBE, WELDED	
-	8.700-723.0	1	ELEC ASSB PAIR/FOR 12V/MSRDC&E- SRIES BRNR	NOT SHOWN

KM.3 Series Pump

8.751-189.0 KM4035R.3



TORQUE SPECS	
Item #	Ft.-lbs
14	75
15	30
23	8
33	9
43	13
48	7.6

REF	PART NO.	QTY	DESCRIPTION	NOTES
1	8.751-216.0	1	CRANKCASE	
2	-	3	PLUNGER OIL SEAL	SEE KITS TABLE
3	-	3	O-RING Ø1.78 X 31.47	SEE KITS TABLE
4	-	3	PRESSURE RING	SEE KITS TABLE
5	-	3	U-SEAL	SEE KITS TABLE
6	-	3	INTERMEDIATE RING	SEE KITS TABLE
7	-	3	U-SEAL	SEE KITS TABLE
8	9.803-199.0	1	WASHER, COPPER	
9	9.802-926.0	1	PLUG, BRASS 1/2	
10	8.751-218.0	1	MANIFOLD HEAD	
11	-	6	O-RING Ø2.62 X 17.13	SEE KITS TABLE
12	-	6	VALVE ASSEMBLY	SEE KITS TABLE
13	-	6	O-RING Ø2.62 X 20.29	SEE KITS TABLE
14	9.802-928.0	6	VALVE PLUG	
15	9.802-938.0	8	MANIFOLD STUD BOLT	
16	9.802-884.0	16	WASHER	
17	9.803-198.0	1	COPPER WASHER 3/8	
18	9.802-925.0	1	BRASS PLUG 3/8	
23	9.802-944.0	8	SCREW, HEX, 8MM X18MM	
24	8.717-210.0	1	CLOSED BEARING HOUSING	

REF	PART NO.	QTY	DESCRIPTION	NOTES
25	9.803-192.0	2	O-RING Ø1.78 X 60.05	
26	8.933-011.0	2	TAPERED ROLLER BEARING	
27	8.751-222.0	1	CRANKSHAFT (5030,3540)	
-	8.751-223.0	1	CRANKSHAFT (4030, 4035)	
28	9.803-167.0	1	CRANKSHAFT KEY	
29	9.802-921.0	1	OIL DIP STICK	
30	9.803-140.0	1	CRANKSHAFT SEAL	
31	9.803-178.0	2	SHIM	
32	8.717-209.0	1	BEARING HOUSING	
33	-	3	PLUNGER NUT, M8	SEE KITS TABLE
34	-	3	COPPER SPACER	SEE KITS TABLE
35	-	3	PLUNGER (4035)	SEE KITS TABLE
-	-	3	PLUNGER (4030, 5030)	SEE KITS TABLE
-	-	3	PLUNGER (3540)	SEE KITS TABLE
36	-	3	COPPER SPACER	SEE KITS TABLE
37	-	3	O-RING Ø1.78 X 7.66	SEE KITS TABLE
38	-	3	TEFLON RING	SEE KITS TABLE
39	8.751-224.0	3	PLUNGER ROD	
40	9.803-158.0	3	CONNECTING ROD	
41	8.751-228.0	3	CONNECTING ROD PIN	
42	9.803-218.0	6	SPRING WASHER	
43	9.803-238.0	6	CONNECTING ROD SCREW	
44	8.933-016.0	1	O-RING, Ø2.62 X 126.67	
45	8.751-229.0	1	CRANKCASE COVER	
46	9.803-197.0	1	O-RING, Ø1.78 X 14	
47	9.803-202.0	1	SIGHT GLASS 3/4	
48	9.802-939.0	5	COVER SCREW	

REPAIR KIT NO.	8.725-360.0	8.725-362.0	8.725-358.0	8.725-361.0	8.725-363.0	8.725-359.0
KIT DESCRIPTION	Plunger Seal 4035 18mm	Plunger Seal 4030 5030 20mm	Plunger Seal 3540 15mm	Complete Seal Packing 4035 18mm	Complete Seal Packing 4030 5030 20mm	Complete Seal Packing 3540 15mm
ITEM NUMBERS INCLUDED	3, 5, 7	3, 5, 7	3, 5, 7	3, 4, 5, 6, 7	3, 4, 5, 6, 7	3, 4, 5, 6, 7
NO. OF CYLINDERS KIT WILL SERVICE	3	3	3	1	1	1

REPAIR KIT NO.	8.751-237.0	8.751-238.0	8.933-023.0	9.802-603.0	9.802-609.0
KIT DESCRIPTION	Plunger 4035 18mm	Plunger 4030 5030 20mm	Plunger 3540 15mm	Complete Valve	Plunger Oil Seals
ITEM NUMBERS INCLUDED	33, 34, 35, 36, 37, 38	33, 34, 35, 36, 37, 38	33, 34, 35, 36, 37, 38	11, 12, 13	2
NO. OF CYLINDERS KIT WILL SERVICE	1	1	1	6	3

Specifications

Pump						
Machine 1.#	Pump Model	Pump Part #	Unloader Replacement	Unloader Production	Pulley	Pulley Part #
1.109-109.0	KM-4035	8.751-189.0	9.175-018.0	9.175-016.0	2AK74H	9.802-374.0
1.109-110.0	KM-4035	8.751-189.0	9.175-018.0	9.175-016.0	2BK80H	9.802-389.0
1.109-111.0	KM-4035	8.751-189.0	9.175-018.0	9.175-016.0	2BK80H	9.802-389.0
1.109-112.0	KM-4035	8.751-189.0	9.175-018.0	9.175-016.0	2BK80H	9.802-389.0

Motor					
Machine 1.#	Motor Size	Voltage	Motor Part #	Pulley	Pulley Part#
1.109-109.0	6 HP	230v/1ph/60Hz	9.802-336.0	2AK54H	8.715-550.0
1.109-110.0	7.5HP	230v/1ph/60Hz	8.715-097.0	2BK52H	9.802-386.0
1.109-111.0	7.5HP	230v/3ph/60Hz	8.755-604.0	2BK50H	8.715-583.0
1.109-112.0	7.5HP	460v/3ph/60Hz	8.755-604.0	2BK50H	8.715-583.0
Machine 1.#	Bushing	Bushing Part #	Belt Size	Belt Part #	
1.109-109.0	Hx1-1/8"	9.802-400.0	AX 36(2)	9.802-408.0	
1.109-110.0	Hx1-3/8"	9.802-401.0	BX 36(2)	9.802-416.0	
1.109-111.0	Hx1-3/8"	9.802-401.0	BX 36(2)	9.802-416.0	
1.109-112.0	Hx1-3/8"	9.802-401.0	BX 36(2)	9.802-416.0	

Controls					
Machine 1.#	Motor Contactor	Overload	Stepdown Transformer	Primary Fuse Part #	Secondary Fuse Part #
1.109-109.0	8.724-281.0	N/A	9.802-551.0	9.802-460.0	9.802-463.0
1.109-110.0	8.724-281.0	8.724-306.0	9.802-551.0	8.933-007.0	9.802-463.0
1.109-111.0	8.724-272.0	8.724-305.0	9.802-551.0	9.802-460.0	9.802-463.0
1.109-112.0	8.724-268.0	8.724-312.0	9.802-550.0	9.802-465.0	8.749-743.0

Oil Fired Burner		
Machine 1.#	Burner Assy #	Fuel Nozzle w/ 100 PSI Check Valve
1.109-109.0	8.756-737.0	8.755-763.0
1.109-110.0	8.756-737.0	8.755-763.0
1.109-111.0	8.756-737.0	8.755-763.0
1.109-112.0	8.756-738.0	8.755-763.0

Replacement Parts for 8.756-737.0		
Part #	Description	QTY
8.756-409.0	CONNECTOR, LEVER NUT, 2- WIRES	2
8.756-410.0	CONNECTOR, LEVER NUT, 3- WIRES	2

Replacement Parts for 8.756-738.0		
Part #	Description	QTY
8.756-409.0	CONNECTOR, LEVER NUT, 2- WIRES	1
8.756-410.0	CONNECTOR, LEVER NUT, 3- WIRES	1
8.756-411.0	CONNECTOR, LEVER NUT, 5- WIRES	1