

LIFEMIST TRAVELLER WATER DISTILLER

REPLACEMENT PARTS MANUAL AND WIRING SCHEMATIC

FOR MODEL: TRAVELLER

PART #	500046
SERIES	0018

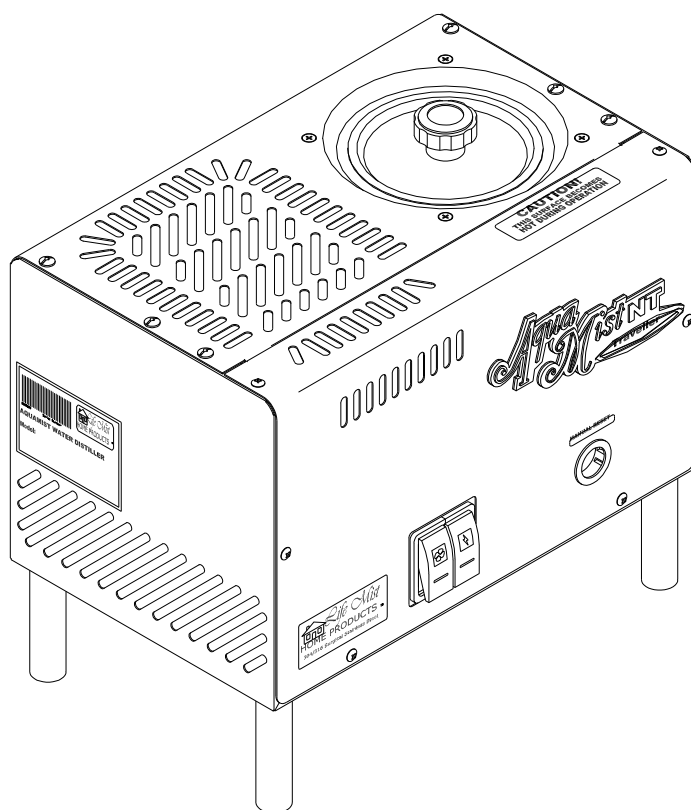


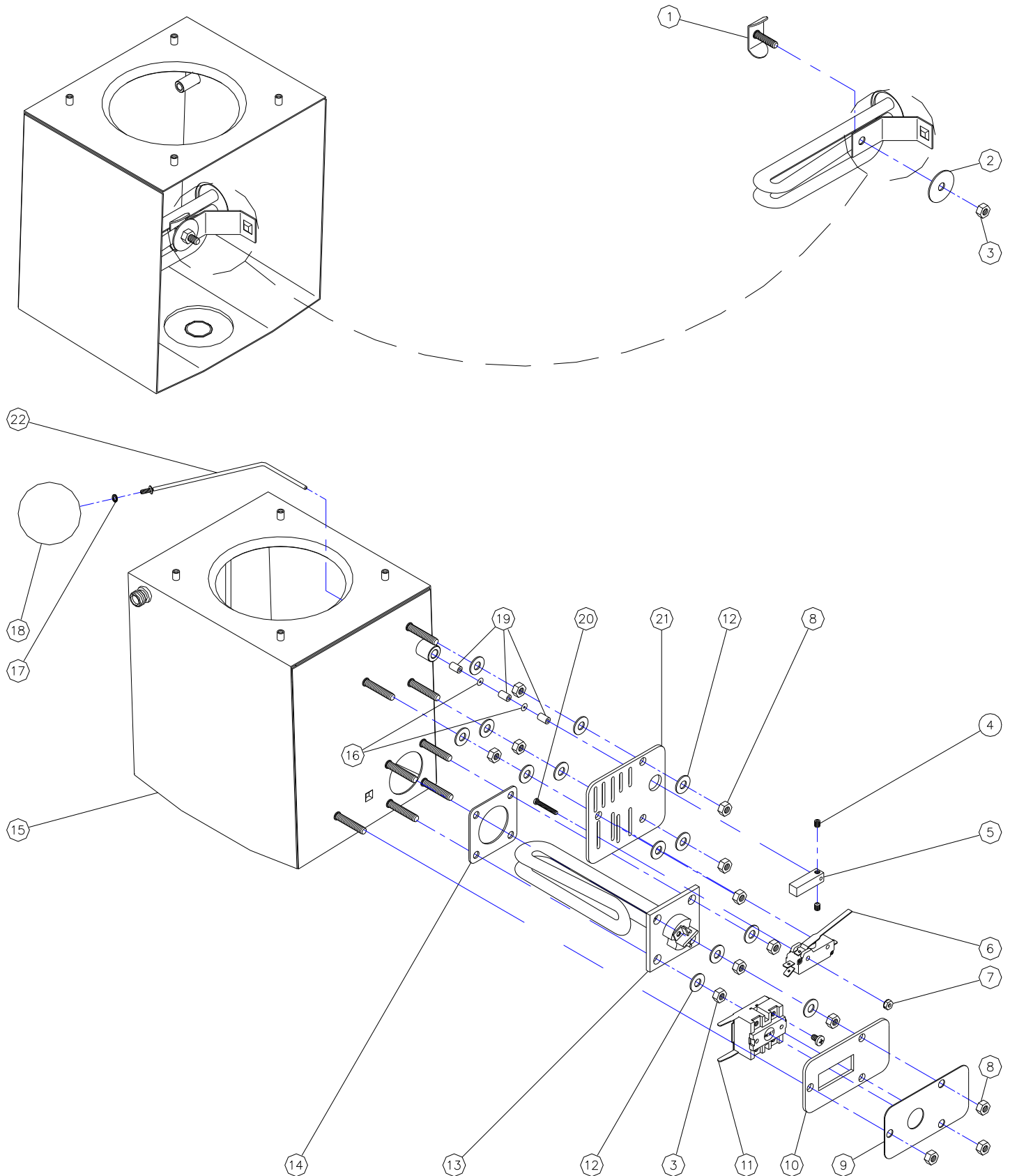
TABLE OF CONTENTS

	<u>Page</u>
1. 094635 Boiler Assembly, LM, Traveller	4 & 5
2. 094636 Distiller Body Assembly, LM, Traveller	6 & 7
3. 094637 Distiller Head Assembly, LM, Traveller	8 & 9
4. 094162 Boiling Tank Lid Assembly, LM	10 & 11
5. 094109 Electrical Terminals	12 & 13
6. 500246 Wiring Schematic	14 & 15

094635, Exploded Parts List Boiler Assembly, LM, Traveller

Item #	Part #	Description	Qty
1	500182	Clip, Heater, Studded	1
2	018009	Washer, 5/16" X 1-1/4" X 18ga, SS	1
3	025000	Nut, Hex, SS, 1/4"-20UNC	5
4	016035	Set Screw, SS, #10-32 X .25", Cup Pt.	2
5	530333	Bar Actuator, Boiler Float	1
6	060064	Microswitch, Large	1
7	026002	Nut, Kep, Plated, #6-32UNC	2
8	025002	Nut, Hex, Plated, 1/4"-20UNC	9
9	500153	Cover, Reset, SS	1
10	500408	Plate, Reset Switch, 66TM, Lexan	1
11	060104	Switch, Thermo, Manual Reset, DPST, RT	1
12	018004	Washer, 5/16" X 11/16" X 20ga, SS	13
13	060145	Heating Element, 125V, 1100W, .430 Sheath	1
14	500100	Gasket, Heater	1
15	530223	Boiler WA, LM Traveller & LM G2-1	1
16	080128	O-Ring, 1/16" X 1/8" X 1/4"	2
17	020002	Washer, Lock, SS, M3.5, External Tooth	1
18	080162	Float Ball, SS, 2-1/4" Round, #6-32UNC	1
19	080127	Bushing, Teflon, 1/4" X 1/8"	3
20	012002	Screw, Machine, Plated, #6-32 X 1"	2
21	500266	Plate, Microswitch	1
22	500431	Rod WA, Boiler Float, Manual, S14	1

094635, Exploded Parts List Boiler Assembly, LM, Traveller

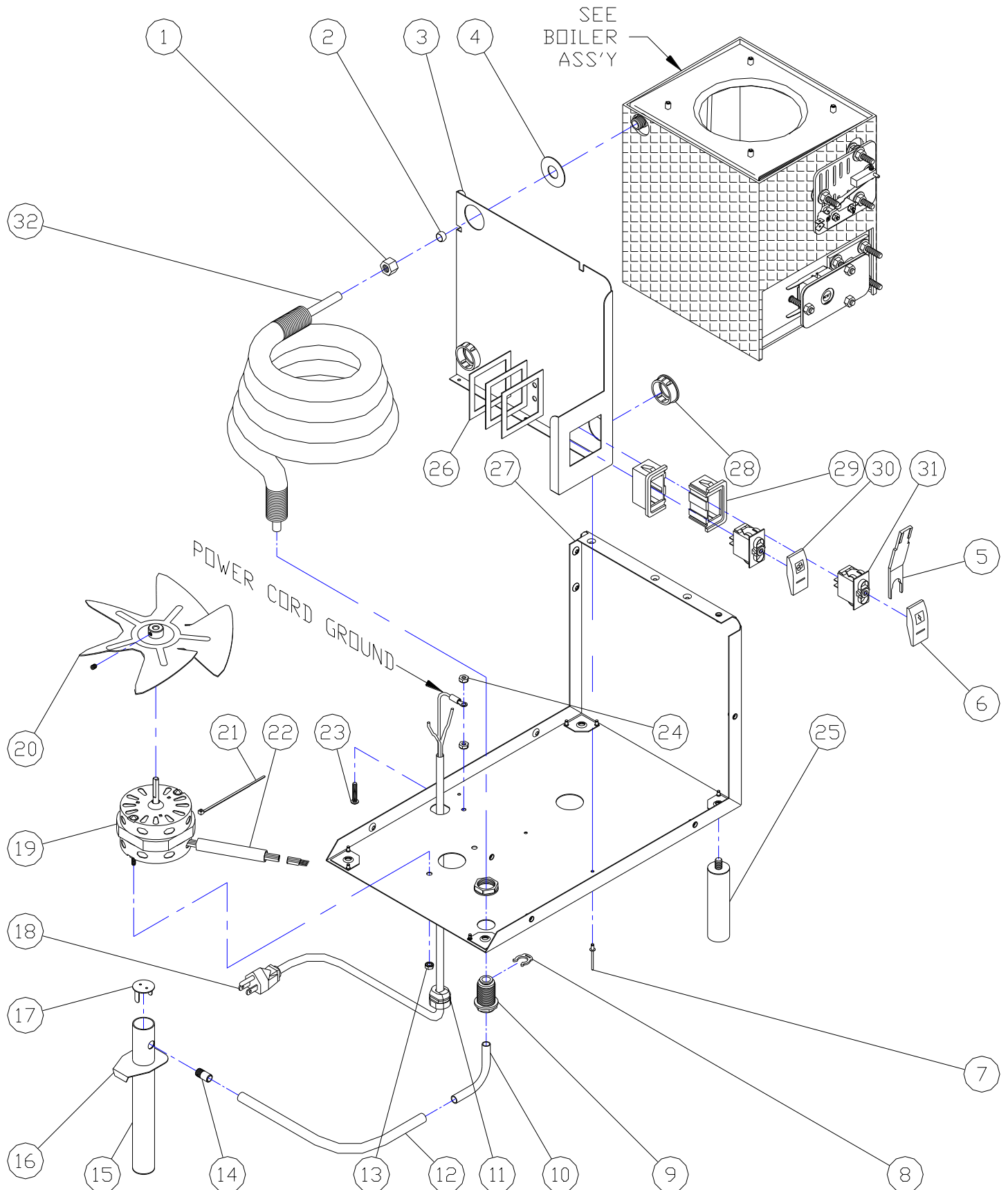


094636, Exploded Parts List

Distiller Body Assembly, LM, Traveller

Item #	Part #	Description	Qty
1	030013	Nut, Plated, 3/8" Compression	1
2	030012	Ferrule, 3/8"	1
3	530232	Divider, LM Traveller & LM G2-1	1
4	018023	Washer, Flat, 5/8" X 1-1/2" X 20ga, SS	1
5	080134	Tool, Actuator Removal	1
6	060073	Actuator, Black, Red-Power	1
7	016004	Rivet, Aluminum, 1/8" X 5/16"	4
8	034021	Locking Clip, 3/8" JG	1
9	034011	Bulkhead, 3/8" JG	1
10	530242	Drip Tube, Coil, LM	1
11	054002	Strain Relief, 7K-2	1
12	052002	Tubing, 5/16" X 7/16"	1
13	026001	Nut, Kep, Plate, #8-32	2
14	036023	Nipple, SS, 3/8" OD X 1/8" NPT	1
15	530239	Post Filter WA, Tapped	1
16	500198	Clip, Post Filter	1
17	500262	Cap WA, Post Filter	1
18	500287	Power Cord Assembly, 16-3NA, 8GPD Manual	1
19	500395	Motor Assembly, 120V, 12GPD, Manual	1
20	080045	Fan Blade, 7"	1
21	054011	Wire Tie, Plastic, 4"	Ref.
22	080108	Sleeve, Fiberglass, 1/2"	0.271'
23	012000	Screw, Machine, Plated, #10-24 X 1"	1
24	026000	Nut, Kep, Plated, #10-24	2
25	530245	Leg WA, LM, 8GPD, Manual	4
26	530156	Shim, Divider 2 Switches, LM	4
27	530244	Body Sub-Assembly, LM Traveller & LM G2-1	1
28	054004	Bushing, Snap, 1-1/4"	2
29	054023	Switch Mounting Panel, End, Black	2
30	060074	Actuator, Black, Amber-Fan	1
31	060028	Switch Base, 120/240V SPST	2
32	500263	Cooling Coil Assembly, 8GPD Manual	1

094636, Exploded Parts List Distiller Body Assembly, LM, Traveller

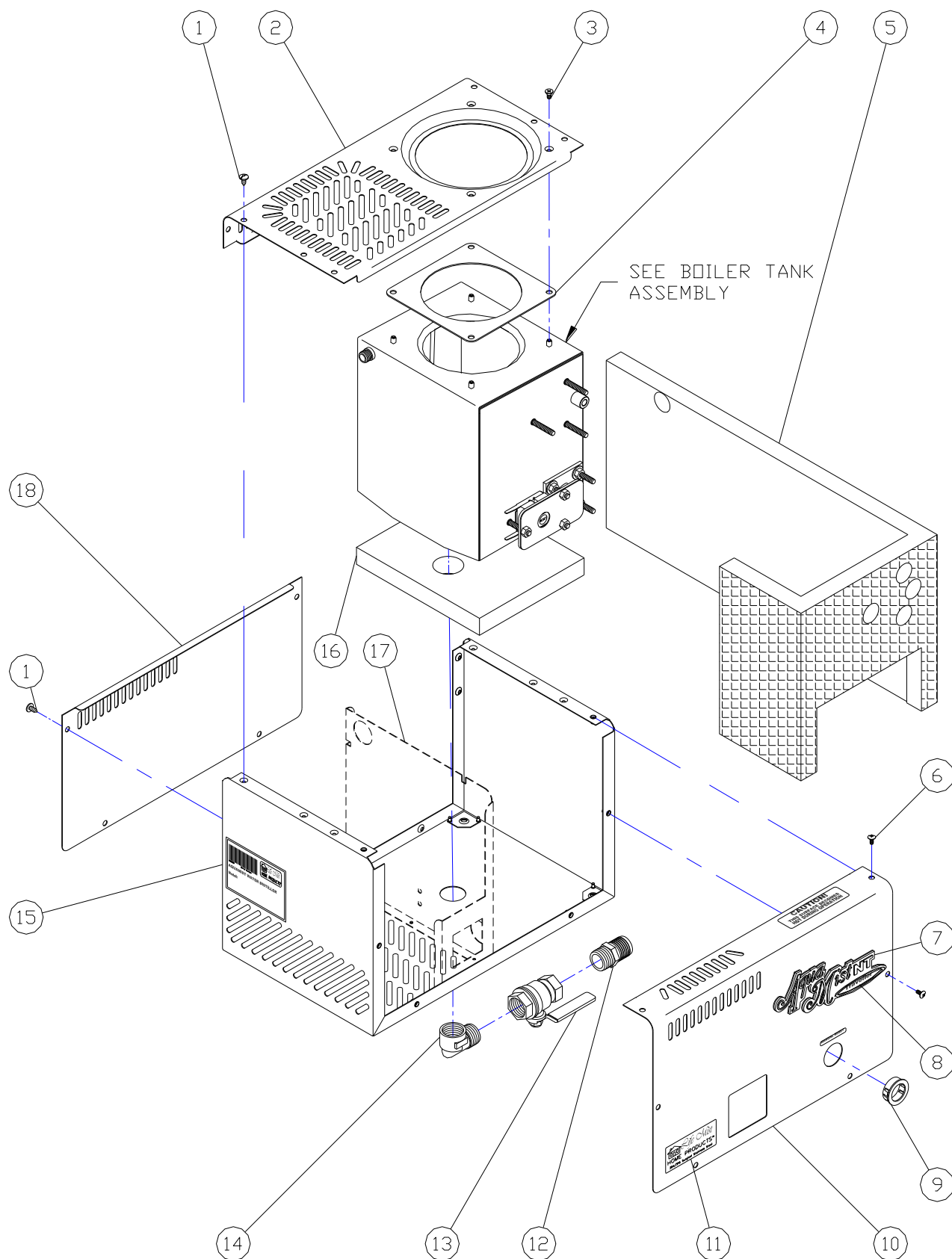


094637, Exploded Parts List

Distiller Head Assembly, LM, Traveller

Item #	Part #	Description	Qty
1	010000	Screw, Sheet Metal, SS, #10-12 X 1/2"	18
2	530231	Cover, Top, LM Traveller & LM G2-1	1
3	012008	Screw, Mach, #10-24 X 3/8", Oval Head	4
4	500111	Gasket, Lid	1
5	530233	Insulation, LM, Traveller Boiler Sides	1
6	012017	Screw, Machine, SS, #9-32 X 3/8"	6
7	080210	Nameplate, Plastic, Lifemist NT	1
8	080212	Urocal, Traveller	1
9	054004	Bushing, Snap, 1.25"	1
10	530229	Cover, Front, LM Traveller & LM G2-1	1
11	080211	Urocal, Lifemist NT	1
12	030015	Coupler, 3/4"MPT X 1"HB	1
13	030009	Valve, Ball, 3/4"FPT, Both Ends	1
14	030016	Elbow, 90 Degree, 3/4"MPT X 3/4"FPT	1
15	530244	Body Sub-Ass'y, LM Traveller & LM G2-1	1
16	530234	Insulation, LM, Traveller, Bottom	1
17	530232	Divider, LM Traveller & LM G2-1	1
18	530230	Cover, Rear, LM Traveller & LM G2-1	1

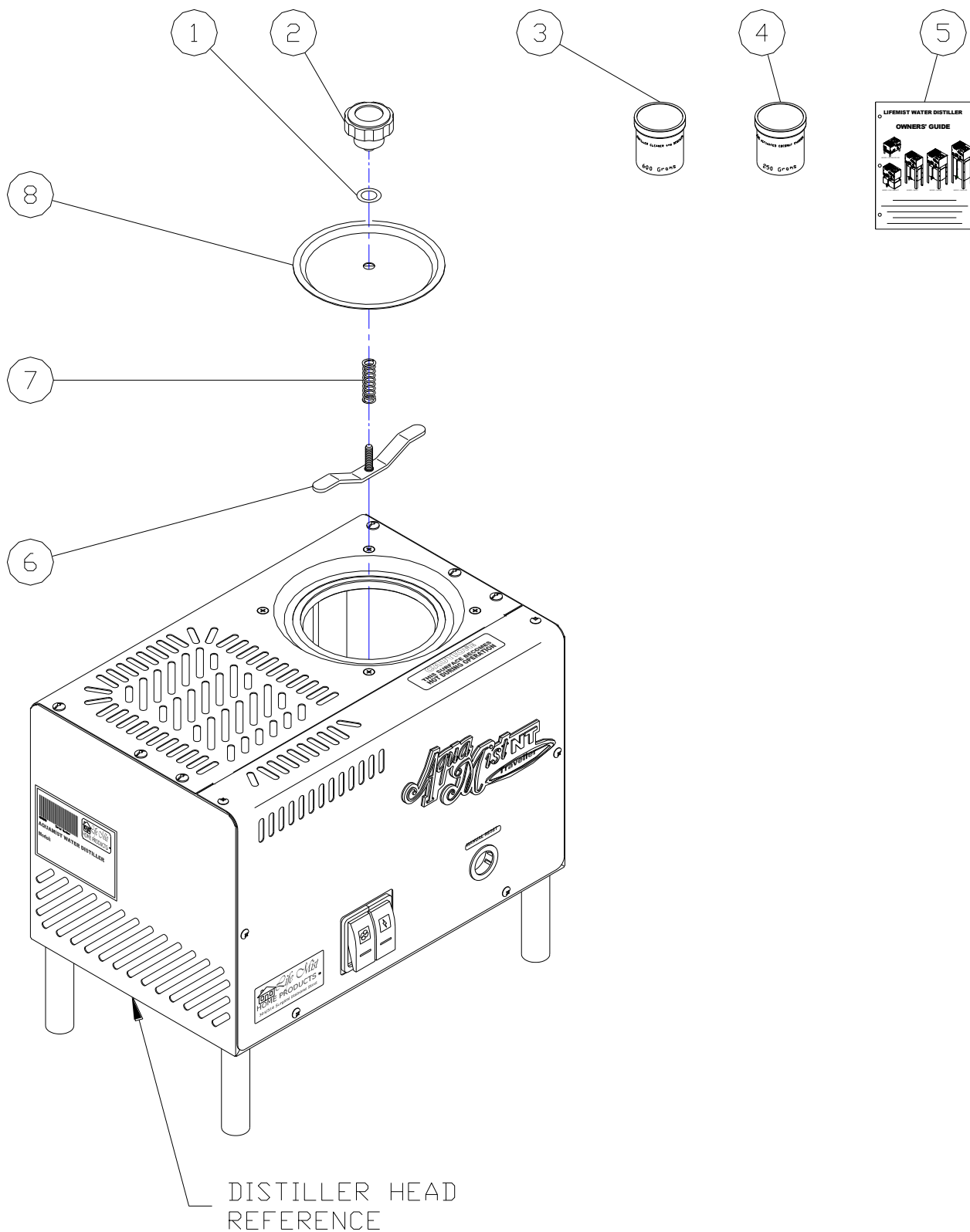
094637, Exploded Parts List Distiller Head Assembly, LM, Traveller



094162, Exploded Parts List
Boiling Tank Lid Assembly, LM, Traveller

Item #	Part #	Description	Qty
1	080064	O-ring	1
2	080053	Knob, Black, Phenolic, 1/4-20	1
3	530162	Descaler, LM, 600g Jar Of	1
	530163	Descaler, LM, 1.6kg Jar Of	Ref.
4	530160	Charcoal, LM, 250g Jar Of	1
	530161	Charcoal, LM, 600g Jar Of	Ref.
5	097084	Owners Guide, Lifemist Distiller	1
6	500115	TeeBar, 5.5", Studded	1
7	080058	Spring, Boiling Tank Lid, SS	1
8	500118	Lid, Boiling Tank, SS, 5.5"	1

094162, Exploded Parts List Boiling Tank Lid Assembly, LM, Traveller



BOILING TANK LID ASSEMBLY
(PART # 500319)

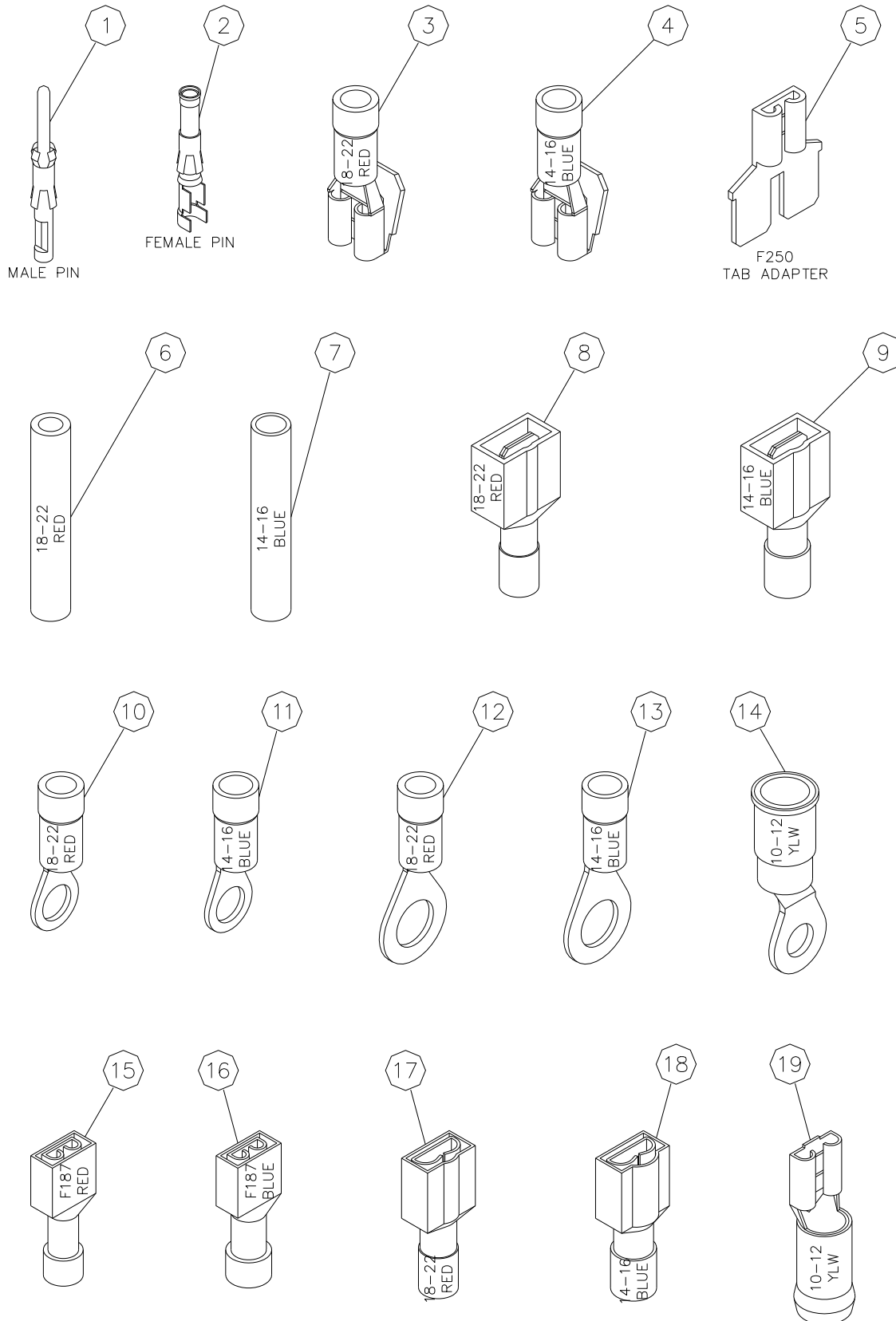
094109, Exploded Parts List

Electrical Terminals

Item #	Part #	Description
1	060016	Pin, Male, Circular
2	060017	Pin, Female, Circular
3	066014	Receptacle, Pigg, F250, #18-22 AWG, Red
4	066004	Receptacle, Pigg, F250, #14-16 AWG, Blue
5	066013	Tab Adapter, F250
6	066006	Butt Splice, #18-22 AWG, Red
7	066005	Butt Splice, #14-16 AWG, Blue
8	066012	Tab, 250, #18-22 AWG, Red
9	066011	Tab, 250, #14-16 AWG, Blue
10	066008	Ring, #10, #18-22 AWG, Red
11	066007	Ring, #10, #14-16 AWG, Blue
12	066010	Ring, 1/4", #18-22 AWG, Red
13	066009	Ring, 1/4", #14-16 AWG, Blue
14	066016	Ring, #10, #10-12 AWG, Yellow
15	066003	Receptacle, F187, #18-22 AWG, Red
16	066001	Receptacle, F187, #14-16 AWG, Blue
17	066002	Receptacle, F250, #18-22 AWG, Red
18	066000	Receptacle, F250, #14-16 AWG, Blue
19	066015	Receptacle, F250, #10-12 AWG, Yellow

094109, Exploded Parts List

Electrical Terminals



Wiring List, (8GPD MANUAL), PART # 500246-

					SERIES 15			
No.	Part#	Color	Ga	Length	From Conn.	To Conn.	From Location	To Location
1	500287	GRN	16	3"	#10RING#14-#16	POWER CORD	GROUND	POWER CORD
2	500287	BLK	16	14"	F250 #14-#16	POWER CORD	POWER SWITCH #2	POWER CORD
3	500287	WHT	16	16"	#10RING#14-#16	POWER CORD	RESET SWITCH #2	POWER CORD
4	500395	BLK	18	8"	F250#18-#22&PIGG#18-#22	FAN MOTOR (ORG/BLU)	FAN SWITCH #2	FAN MOTOR
5	500395	BLK	18	12"	2 (#10RING#18-22)	FAN MOTOR (YLW/WHT)	RESET SWITCH #4	FAN MOTOR
6	095103	BLK	16	9"	F250 #14-#16	#10 RING #14-#16	MICROSWITCH "NC"	HEATING ELEMENT B
7	095024	YLW	16	6"	#10RING#14-#16	#10 RING #14-#16	RESET SWITCH #3	HEATING ELEMENT A
8	095025	WHT	16	12"	F250 #14-#16	#10 RING #14-#16	FAN SWITCH #3	HEATING ELEMENT B
9	095104	RED	16	7"	F250 #14-#16	#10 RING #14-#16	MICROSWITCH "COM"	RESET SWITCH #1
10	095027	ORG	16	9"	F250 #14-#16	#10 RING #14-#16	POWER SWITCH #3	RESET SWITCH #4
11	095028	GRN	16	9"	F250 #14-#16	#10 RING #14-#16	POWER SWITCH #8	RESET SWITCH #1
12	095029	BRN	16	9"	F250 #14-#16	#10 RING #14-#16	FAN SWITCH #6	RESET SWITCH #4
13	095010	WHT	16	3"	PIGG #14-#16	F250#14-#16	FAN SWITCH #2	FAN SWITCH #7
14	095010	WHT	16	3"	PIGG #14-#16	F250#14-#16	POWER SWITCH #3	POWER SWITCH #6
15	095031	BRN	16	13"	F250 #14-#16	#10 RING #14-#16	POWER SWITCH #7	HEATING ELEMENT B
16	095032	BLU	16	10"	#10RING#14-#16	F250 #14-#16	RESET SWITCH #3	FAN SWITCH #8

500246, Exploded Parts List

Wiring Diagram, 8GPD, Manual

