

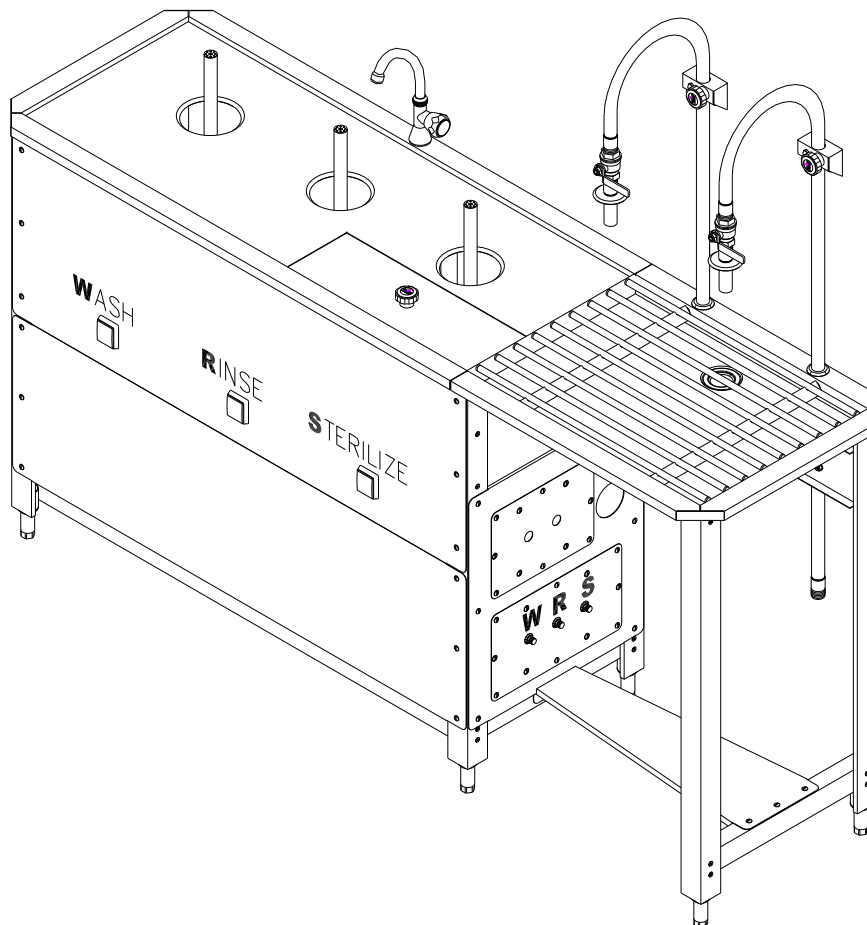


REPLACEMENT PARTS MANUAL

FOR MODEL: PWS - BWF-2

PART # 900000

SERIES 0003



PRECISION WATER SYSTEMS BOTTLE WASHER & FILL STATION

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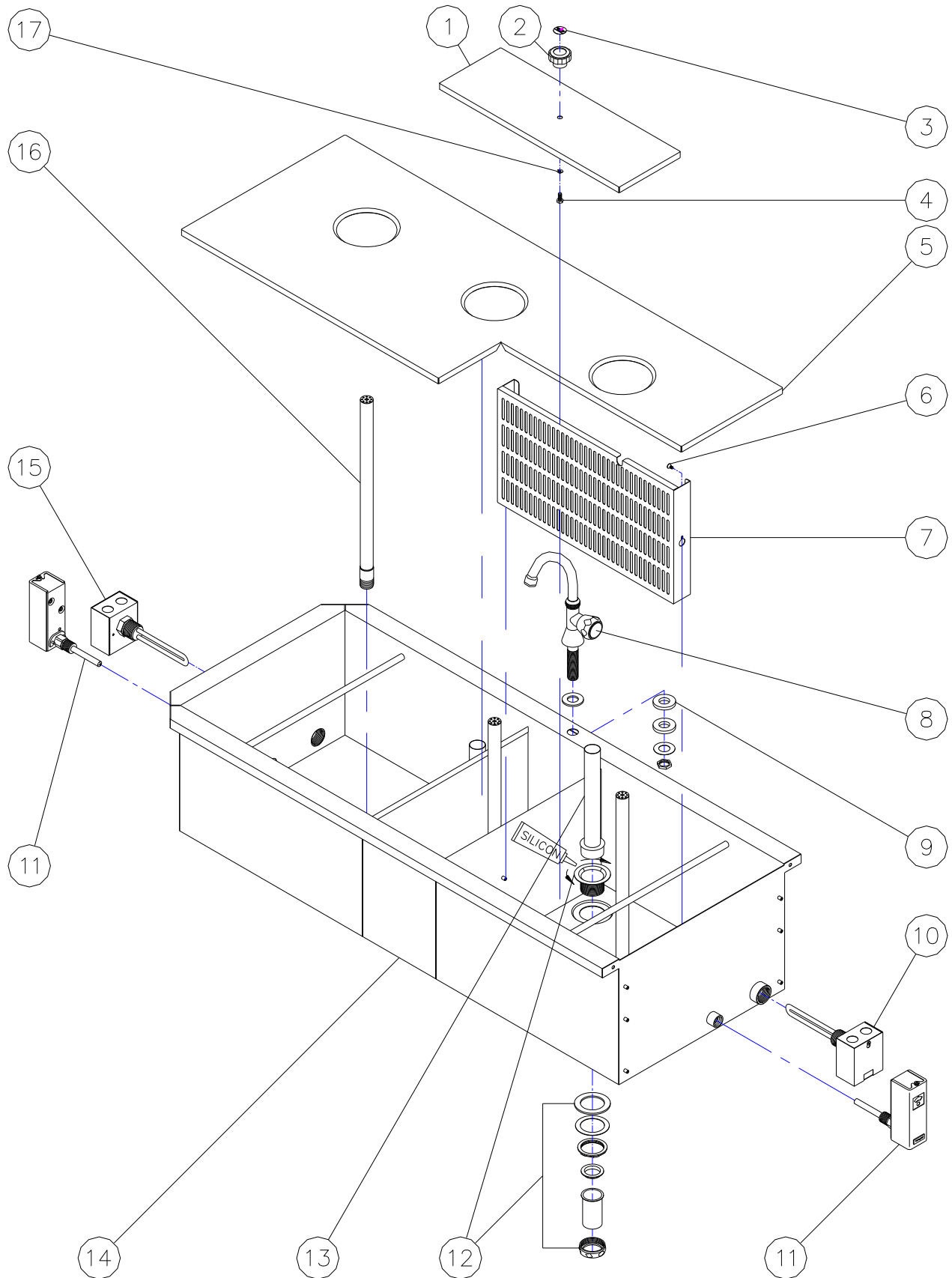
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094454, Exploded Parts List

Sink Assembly, BWF-2

Item #	Part #	Description	Qty
1	900117	Cover, Cap Well, BWF-2	1
2	900168	Knob, 1/4"-20UNC, Short Stem	1
3	080106	Inlay, Knob, PWS	1
4	014006	Capscrew, SS, 1/4"-20UNC X 5/8"	1
5	900150	Cover, Top, BWF-2	1
6	012008	Screw, Machine, #10-24 X 3/8" Oval Head	2
7	900125	Grate, Cap Well, BWF-2	1
8	080052	Faucet, Chrome	1
9	900187	Washer, Flat, 0.843" X 1.750", 1/4" HDPE	2
10	060097	Heating Element, 2000W, 240V, 1"MPT	1
11	060098	Thermostat, 1/2"MPT, 8A, 240V, 10-240C	2
12	080223	Drain Bulkhead, SS, 1-1/2"	3
13	080224	Overflow Tube, SS, 1-1/2" X 7-1/2"	2
14	900242	Sink WA, BWF-2, S3	1
15	060096	Heating Element, 1500W, 240V, 1"MPT	1
16	900148	Spray Tube WA, BWF-2	3
17	024000	Washer, Lock, SS, Helicoil, 1/4"	1

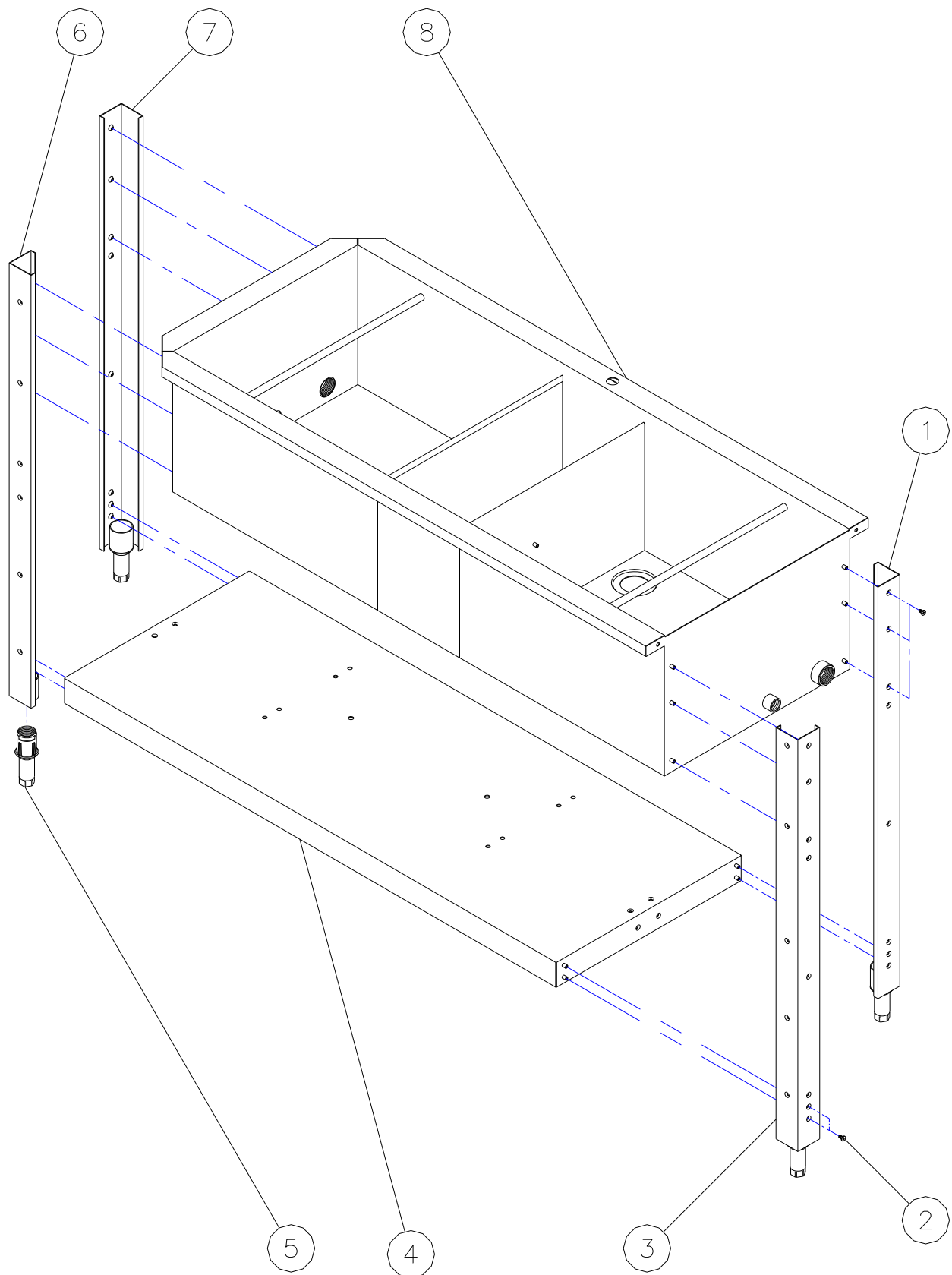
094454, Exploded Parts List Sink Assembly, BWF-2



094455, Exploded Parts List Legs And Shelf Assemblies, BWF-2

Item #	Part #	Description	Qty
1	900139	Leg WA, Rear Middle, BWF-2	1
2	012008	Screw, Machine, #10-24 X 3/8" Oval Head	20
3	900138	Leg WA, Front Middle, BWF-2	1
4	900145	Shelf WA, BWF-2	1
5	080222	Foot, Adjustable Assembly, SS Clad, 1-5/8"	4
6	900135	Leg WA, Front Right, BWF-2	1
7	900136	Leg WA, Rear Right, BWF-2	1
8	900242	Sink WA, BWF-2, S3	1

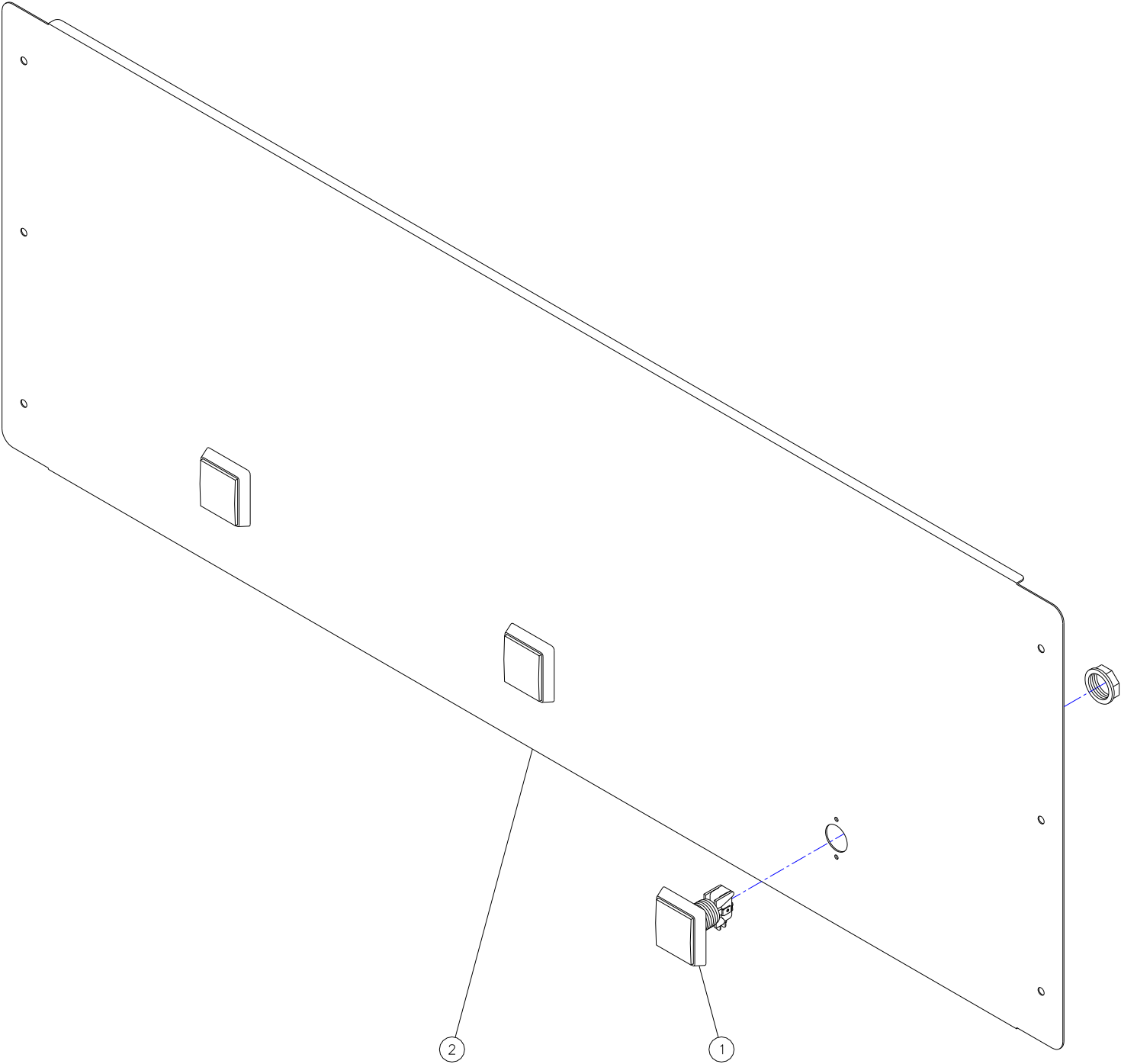
094455, Exploded Parts List Legs And Shelf Assemblies, BWF-2



094539, Exploded Parts List Switches Panel Assembly, BWF-2

Item #	Part #	Description	Qty
1	060103	Switch,Push-Button,Manual Reset,DPST,RT	3
2	900203	Front, Cover, Top, BWF-2, S2	1

094439, Exploded Parts List
Switches Panel Assembly, BWF-2

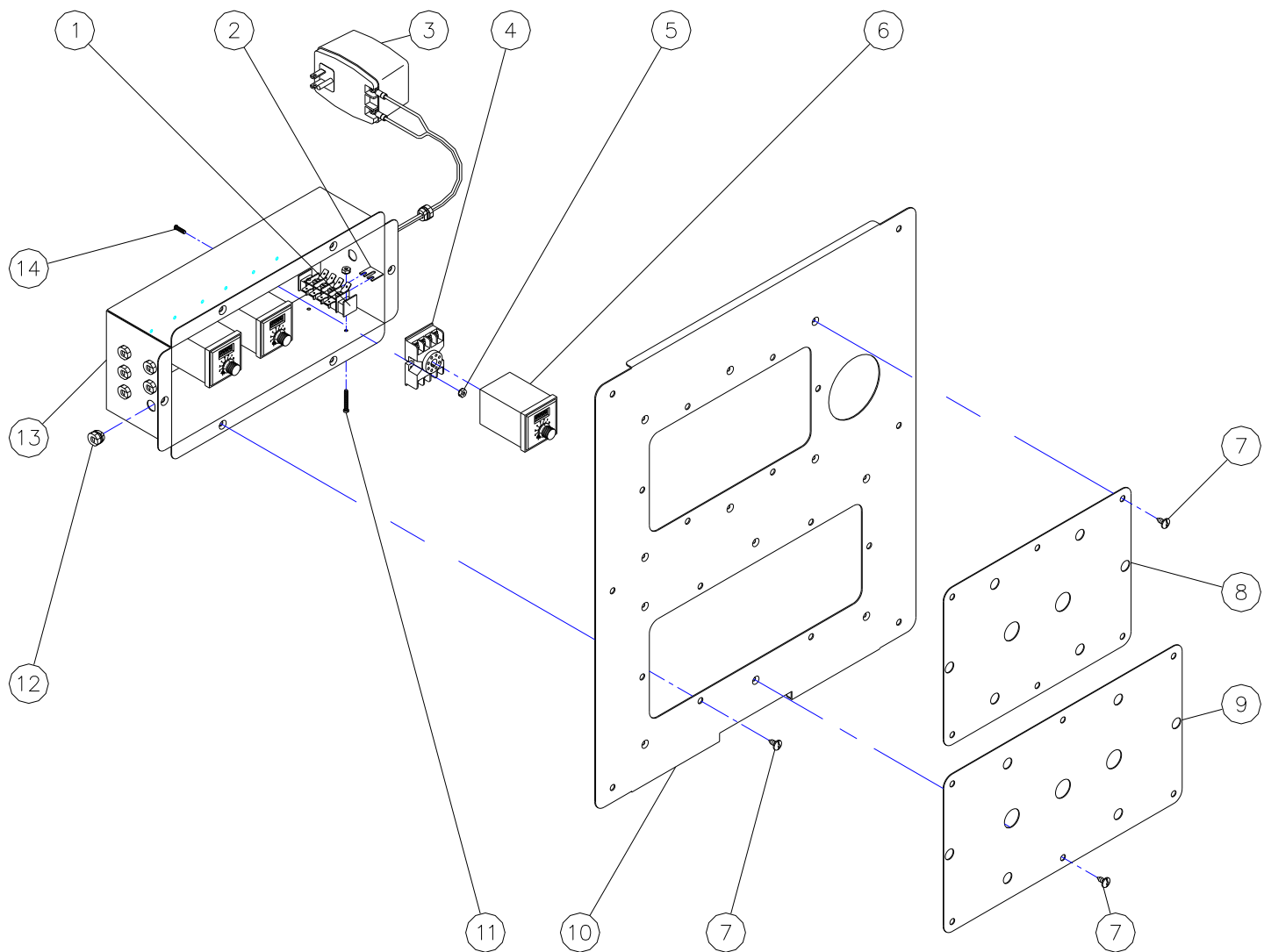


094456, Exploded Parts List Timer Control Box Assembly, BWF-2

Item #	Part #	Description	Qty
1	060072	Terminal Block	1
2	520166	Jumper, 2 Poles	2
3	060100	Transformer, 120 - 24VAC, 40W, Wall	1
4	060102	Base, 8Pin, Timer, Terminal Block	3
5	026002	Nut, Kep, Plated, #6-32UNC	8
6	060101	Timer, 24VAC, 10Amp, 8Pin, DPDT	3
7	010000	Screw, Sheet Metal, SS, #10-12 X ½"	18
8	900207	Cover, 2 Timer Control Box, BWF-2, S2	1
9	900206	Cover, 3 Timer Control Box, BWF-2, S2	1
10	900209	Cover, RH, BWF-2, S2	1
11	012002	Screw, Machine, Plated, #6-32 X 1", Round	2
12	054003	Strain Relief	7
13	900204	Box, 3 Timer, BWF-2, S2	1
14	012009	Screw, Machine, Plated, #6-32UNC X ½"	6

094456, Exploded Parts List

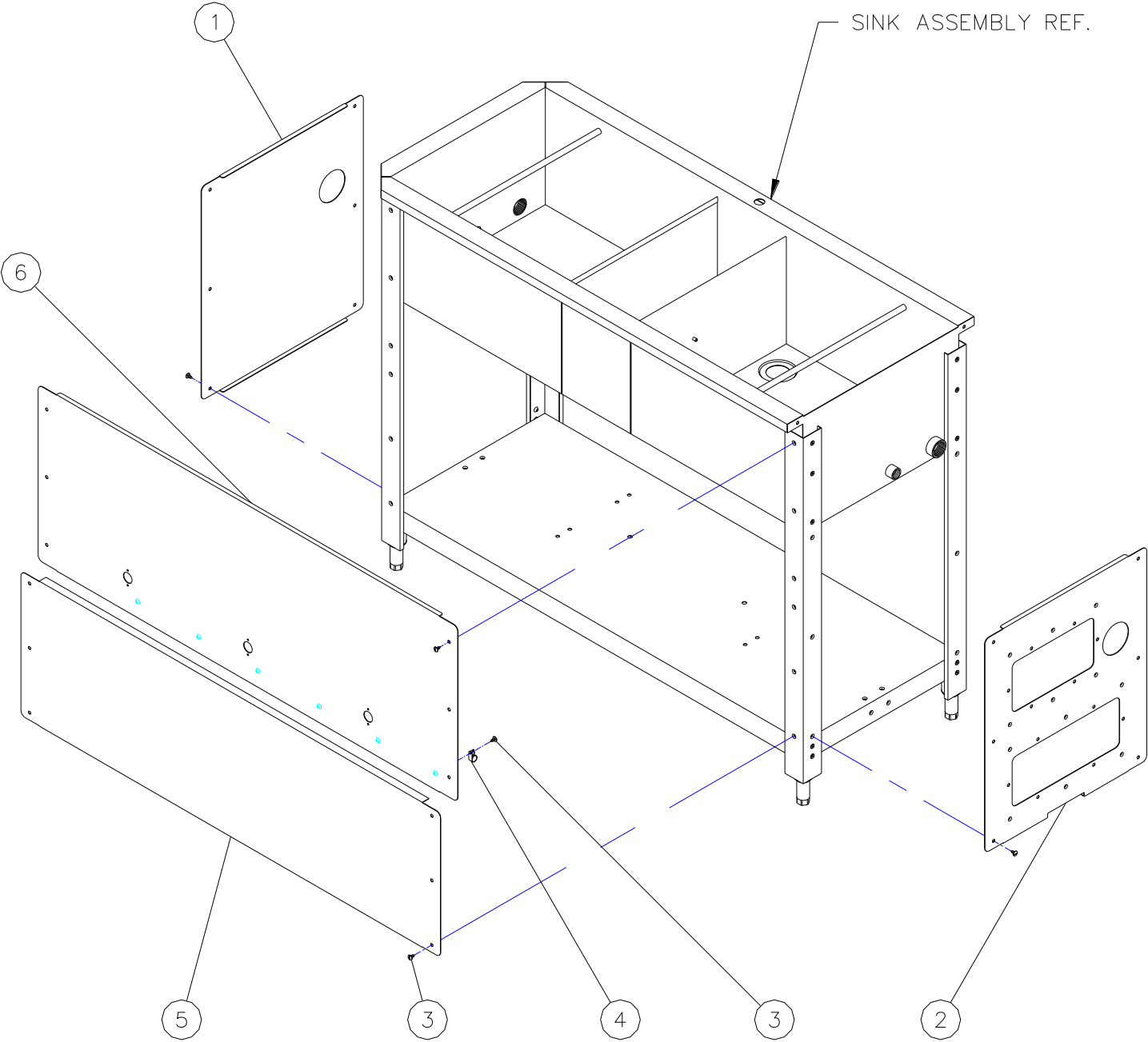
Timer Control Box Assembly, BWF-2



094457, Exploded Parts List Covers Assemblies, BWF-2

Item #	Part #	Description	Qty
1	900208	Cover, LH, BWF-2, S2	1
2	900209	Cover, RH, BWF-2, S2	1
3	010000	Screw, Sheet Metal, SS, #10-12 X ½"	30
4	054006	Clamp, Cable, Nylon, Wall Mount, ½"	6
5	900101	Bottom, Front Cover, BWF-2	1
6	900203	Front, Cover, Top, BWF-2, S2	1

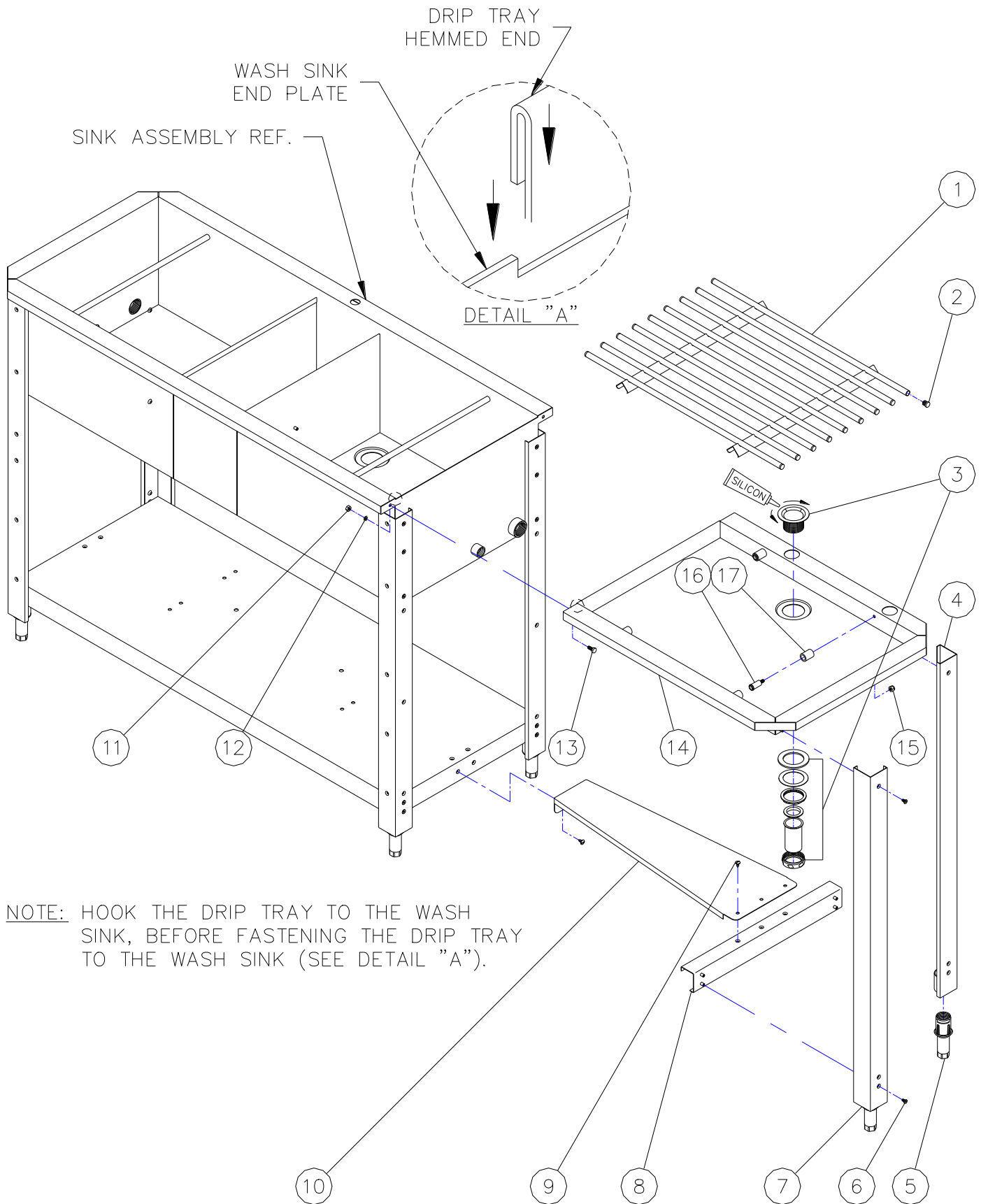
094457, Exploded Parts List
Covers Assemblies, BWF-2



094458, Exploded Parts List Drip Tray Assembly, BWF-2

Item #	Part #	Description	Qty
1	900213	Grate WA, BWF-2, S2	1
2	054032	Cap, ½"OD Tube, Black, LDPE	18
3	080223	Drain Bulkhead, SS, 1-1/2"	1
4	900134	Leg WA, Rear Left, BWF-2	1
5	080222	Foot, Adjustable Assembly, SS Clad, 1-5/8"	2
6	012008	Screw, Machine, #10-24 X 3/8" Oval Head	6
7	900137	Leg WA, Front Left, BWF-2	1
8	900119	Cross Brace WA, Leg, BWF-2	1
9	010000	Screw, Sheet Metal, SS, #10-12 X ½"	5
10	900227	Brace, Leg, BWF-2	1
11	025000	Nut, Hex, SS, ¼"-20UNC	2
12	024000	Washer, Lock, SS, ¼", Helicoil	2
13	014006	Capscrew, SS, ¼"-20UNC X 5/8"	2
14	900215	Drip Tray WA, BWF-2, S2	1
15	025004	Nut, Nylock, SS, ¼"-20	4
16	900197	Stub WA, Grate Support	4
17	900198	Tube, Silicone, ½"ID X ¾"OD	4

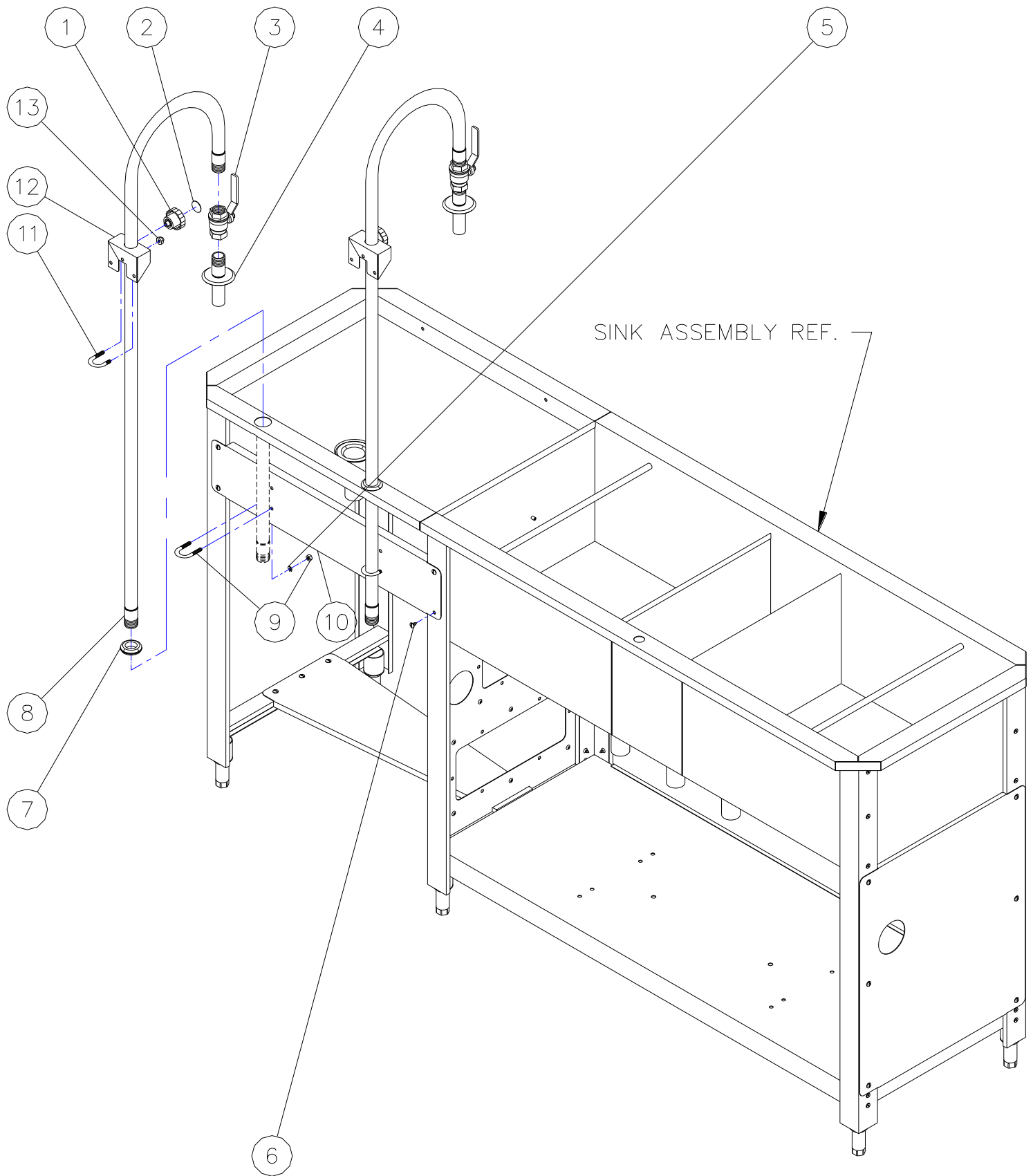
094458, Exploded Parts List Drip Tray Assembly, BWF-2



094459, Exploded Parts List Filling Faucets Assemblies, BWF-2

Item #	Part #	Description	Qty
1	080053	Knob, Black Phenolic, 1/4"-20UNC	2
2	080106	Inlay, Knob, PWS	2
3	030039	Valve, 3/4" Ball, SS, Full Flow	2
4	900180	Flow Nozzle WA, 1"OD X 2-3/4"	2
5	024000	Washer, Lock, SS, 1/4", Helicoil	4
6	010000	Screw, Sheet Metal, SS, #10-12 X 1/2"	4
7	080247	Grommet, 1" X 1/16" X 1-3/8", Black	2
8	900193	Faucet Tube WA	2
9	016029	Bolt, "U", 1/4"-20UNC X 1" X 1-1/2" (includes hex Nuts)	2
10	900234	Plate, Lower Faucet Support, BWF-2, S2	1
11	900167	1" "U"-Bolt, Modified	2
12	900210	Bracket, Upper Faucet Support, BWF-2, S2	2
13	028000	Nut, Acorn, SS, 1/4"-20UNC	2

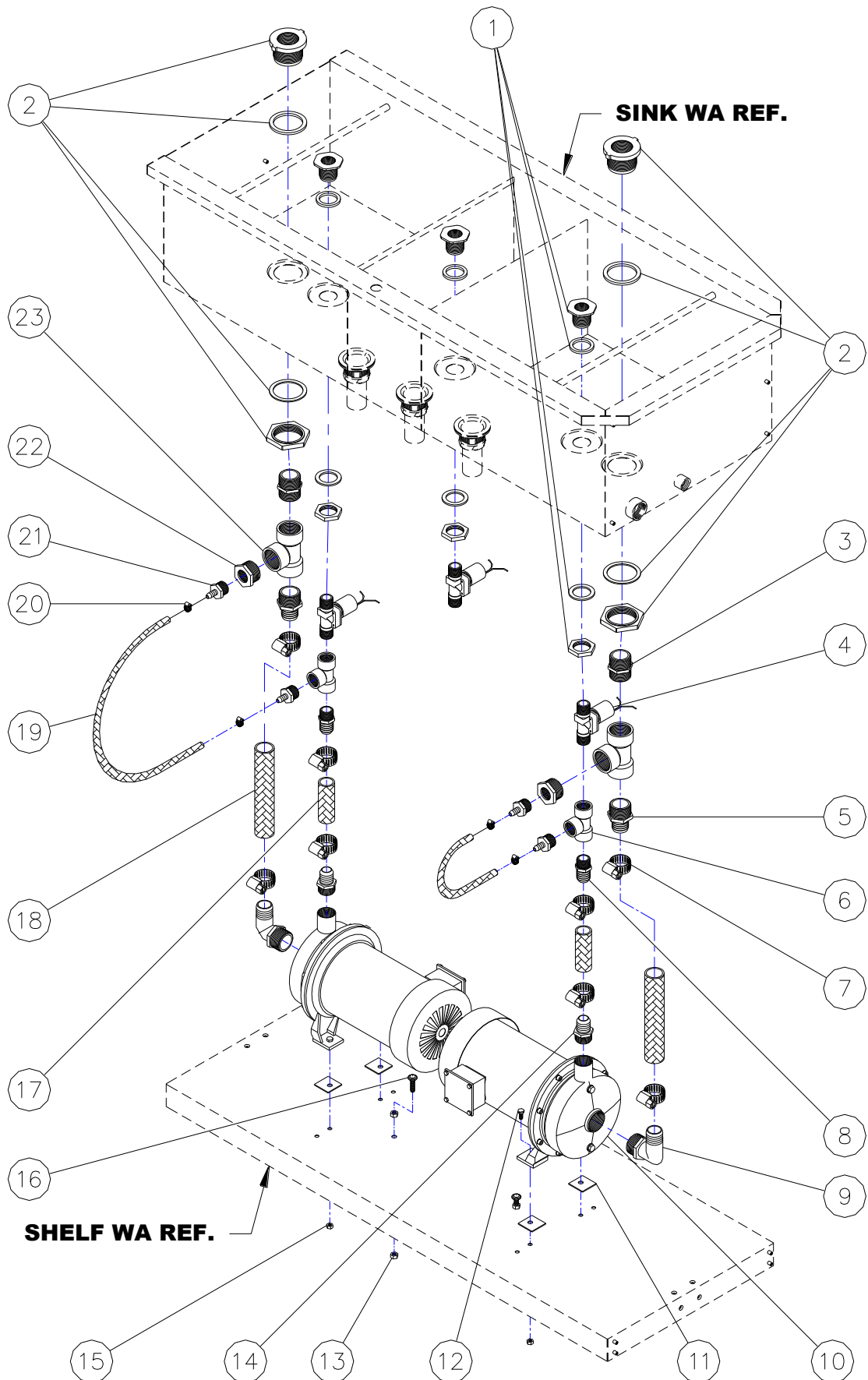
094459, Exploded Parts List Filling Faucets Assemblies, BWF-2



094452, Exploded Parts List BWF-2 Plumbing Assembly

Item #	Part #	Description	Qty
1	054034	Bulkhead, 3/4"FPT, PP, EPDM Wash	3
2	054035	Bulkhead, 1-1/4"FPT, PP, EPDM Wash	2
3	030041	Nipple, Hex, 1-1/4"MPT, Both Ends	2
4	900184	Solenoid Valve, 24VAC, 3/4"-14MPT BE	3
5	034032	Coupler, Nylon, 1-1/4"MPT X 1-1/4"HB	2
6	034043	Tee, Nylon, 3/4"FPT	2
7	080221	Clamp, Gear, 1-1/2", SS	8
8	034046	Coupler, Nylon, 3/4"MPT X 1"HB	2
9	034044	Elbow, Nylon, 1-1/4" X 1-1/4"HB	2
10	080220	Pump, 3/4HP, 120/240V, SS, PST701	2
11	900188	Rubber Pad, Pump Mount, BWF-2	4
12	014006	Capscrew, SS, 1/4"-20 X 5/8"	4
13	025001	Nut, Hex, SS, 5/16"-18	4
14	034039	Coupler, Nylon, 1"MPT X 1"HB	2
15	025000	Nut, Hex, SS, 1/4"-20	4
16	014018	Bolt, Carriage, SS, 5/16"-18 X 1-1/4"	2
17	052010	Tubing, Braided PVC, 1"ID	Ref.
18	052011	Tubing, Braided PVC, 1-1/4"ID	Ref.
19	052004	Tubing, Braided PVC, 3/8"ID X 0.6"W	Ref.
20	080056	Clamp, Gear, 1/4", SS	4
21	034045	Coupler, Nylon, 3/4"MPT X 3/8"HB	4
22	034048	Reducer, Bushing, Nylon, 1-1/4"MPTX3/4"FPT	2
23	034042	Tee, Nylon, 1-1/4"FPT	2

094452, Exploded Parts List BWF-2 Plumbing Assembly



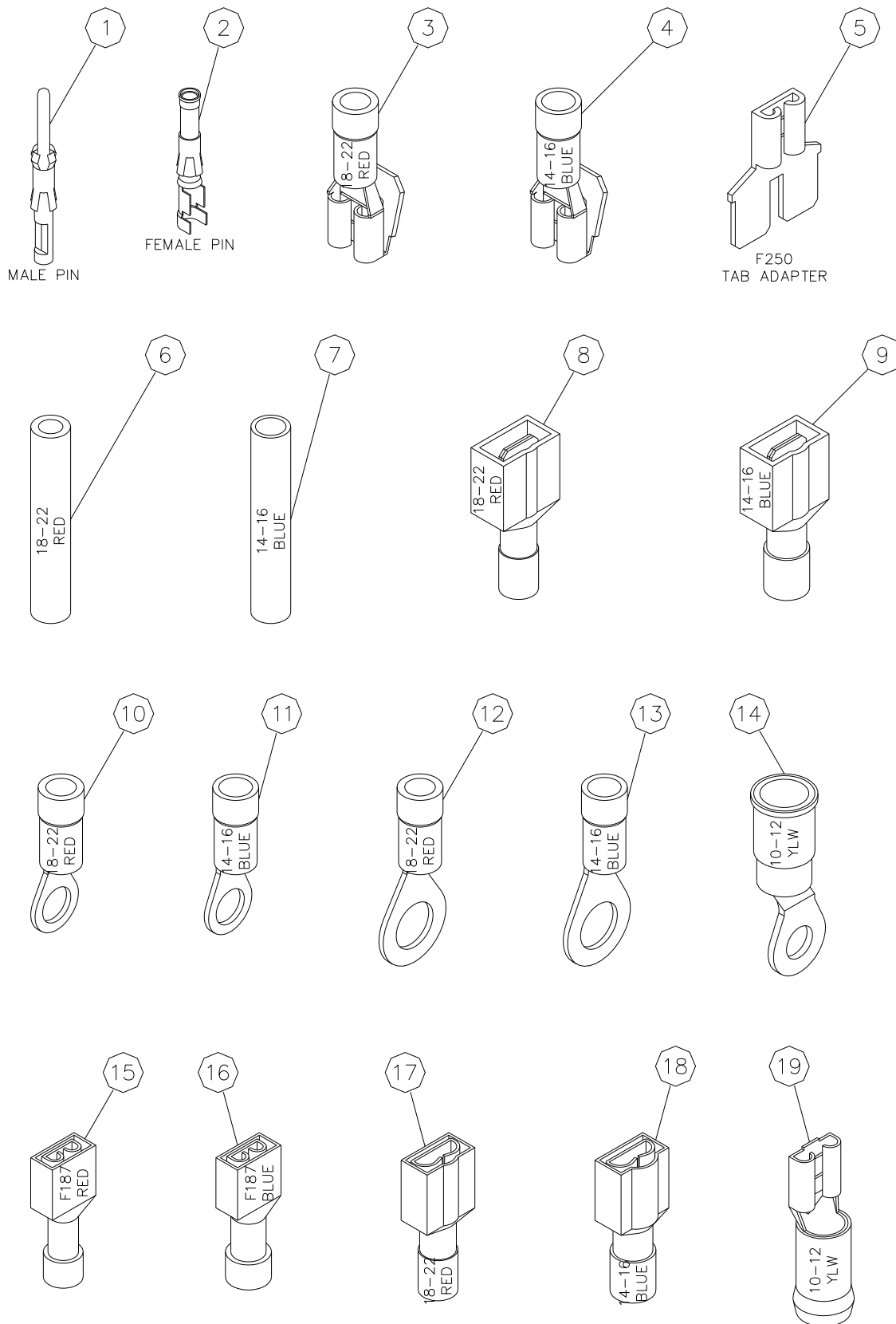
094109, Exploded Parts List

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

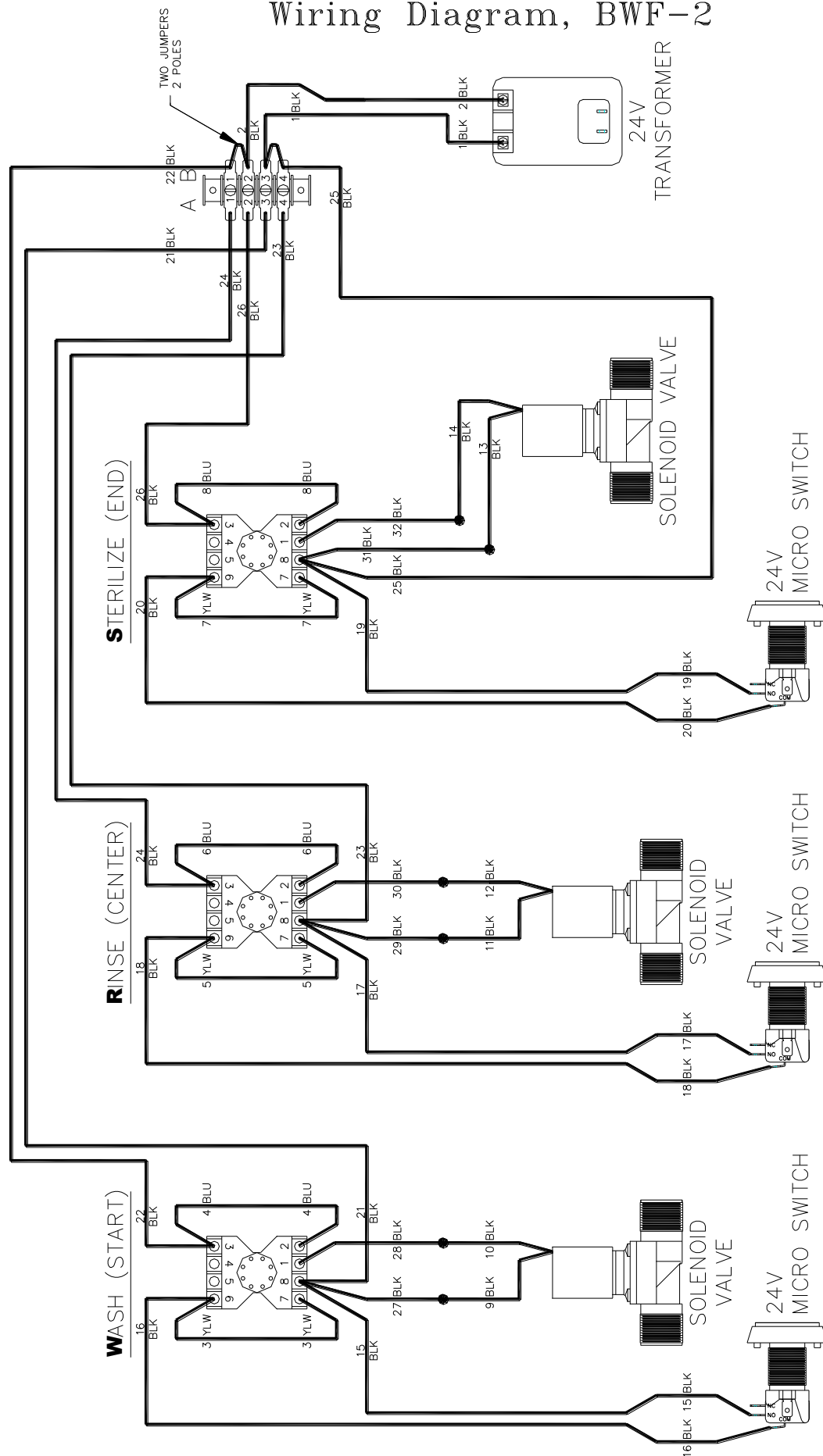
Electrical Terminals



Wiring List, Bottle Wash And Fill Station (BWF-2) PART # 900151-

						SERIES 2		
No.	Part#	Color	Ga	Length	From Conn.	To Conn.	From Location	To Location
1	900226	BLK	#18	102"	#10 RING #18-#22	F250 #18-#22	TRANSFORMER (SMOOTH)	TERMINAL BLOCK 3B
2	900226	BLK	#18	102"	#10 RING #18-#22	F250 #18-#22	TRANSFORMER (RIBBED)	TERMINAL BLOCK 2B
3	095099	YLV	#16	8"	#10 RING #14-#16	#10 RING #14-#16	8 PINS BASE #7 W	8 PINS BASE #6 W
4	095100	BLU	#16	8"	#10 RING #14-#16	#10 RING #14-#16	8 PINS BASE #2 W	8 PINS BASE #3 W
5	095099	YLV	#16	8"	#10 RING #14-#16	#10 RING #14-#16	8 PINS BASE #7 R	8 PINS BASE #6 R
6	095100	BLU	#16	8"	#10 RING #14-#16	#10 RING #14-#16	8 PINS BASE #2 R	8 PINS BASE #3 R
7	095099	YLV	#16	8"	#10 RING #14-#16	#10 RING #14-#16	8 PINS BASE #7 S	8 PINS BASE #6 S
8	095100	BLU	#16	8"	#10 RING #14-#16	#10 RING #14-#16	8 PINS BASE #2 S	8 PINS BASE #3 S
9	900184	BLK	#18	22"	SOLENOID VALVE W	TAB250 #18-#22	SOLENOID VALVE W	F250 #18-#22 8 PINS BASE #8 W
10	900184	BLK	#18	22"	SOLENOID VALVE W	TAB250 #18-#22	SOLENOID VALVE W	F250 #18-#22 8 PINS BASE #1 W
11	900184	BLK	#18	22"	SOLENOID VALVE R	TAB250 #18-#22	SOLENOID VALVE R	F250 #18-#22 8 PINS BASE #8 R
12	900184	BLK	#18	22"	SOLENOID VALVE R	TAB250 #18-#22	SOLENOID VALVE R	F250 #18-#22 8 PINS BASE #1 R
13	900184	BLK	#18	22"	SOLENOID VALVE S	TAB250 #18-#22	SOLENOID VALVE S	F250 #18-#22 8 PINS BASE #8 S
14	900184	BLK	#18	22"	SOLENOID VALVE S	TAB250 #18-#22	SOLENOID VALVE S	F250 #18-#22 8 PINS BASE #1 S
15	900225	BLK	#18	60"	#10RING#18-#22	F250 #18-#22	8 PINS BASE #8 W (SM)	MICROSWITCH NO W
16	900225	BLK	#18	60"	#10RING#18-#22	F250 #18-#22	8 PINS BASE #6 W (RIB)	MICROSWITCH COM W
17	900222	BLK	#18	50"	#10RING#18-#22	F250 #18-#22	8 PINS BASE #8 R (SM)	MICROSWITCH NO R
18	900222	BLK	#18	50"	#10RING#18-#22	F250 #18-#22	8 PINS BASE #6 R (RIB)	MICROSWITCH COM R
19	900219	BLK	#18	38"	#10RING#18-#22	F250 #18-#22	8 PINS BASE #8 S (SM)	MICROSWITCH NO S
20	900219	BLK	#18	38"	#10RING#18-#22	F250 #18-#22	8 PINS BASE #6 S (RIB)	MICROSWITCH COM S
21	900223	BLK	#18	17"	#10 RING #18-#22	F250 #18-#22	8 PINS BASE #8 W (SM)	TERMINAL BLOCK 3A
22	900223	BLK	#18	17"	#10 RING #18-#22	F250 #18-#22	8 PINS BASE #3 W (RIB)	TERMINAL BLOCK 1B
23	900220	BLK	#18	14"	#10 RING #18-#22	F250 #18-#22	8 PINS BASE #8 R (SM)	TERMINAL BLOCK 4A
24	900220	BLK	#18	14"	#10 RING #18-#22	F250 #18-#22	8 PINS BASE #3 R (RIB)	TERMINAL BLOCK 1A
25	900217	BLK	#18	9"	#10 RING #18-#22	F250 #18-#22	8 PINS BASE #8 S (SM)	TERMINAL BLOCK 4B
26	900217	BLK	#18	9"	#10 RING #18-#22	F250 #18-#22	8 PINS BASE #3 S (RIB)	TERMINAL BLOCK 2A
27	900224	BLK	#18	40"	#10 RING #18-#22	F250 #18-#22	8 PINS BASE #8 W (SM)	TAB250 #18-#22 SOLENOID VALVE W
28	900224	BLK	#18	40"	#10 RING #18-#22	F250 #18-#22	8 PINS BASE #1 W (RIB)	TAB250 #18-#22 SOLENOID VALVE W
29	900221	BLK	#18	26"	#10 RING #18-#22	F250 #18-#22	8 PINS BASE #8 R (SM)	TAB250 #18-#22 SOLENOID VALVE R
30	900221	BLK	#18	26"	#10 RING #18-#22	F250 #18-#22	8 PINS BASE #1 R (RIB)	TAB250 #18-#22 SOLENOID VALVE R
31	900218	BLK	#18	17"	#10 RING #18-#22	F250 #18-#22	8 PINS BASE #8 S (SM)	TAB250 #18-#22 SOLENOID VALVE S
32	900218	BLK	#18	17"	#10 RING #18-#22	F250 #18-#22	8 PINS BASE #1 S (RIB)	TAB250 #18-#22 SOLENOID VALVE S
NOTES: 1. ALL WIRES ARE #18-2 CONDUCTOR EXCEPT #3 TO #8.								
2. #9 TO #14 WIRES ARE ATTACHED TO THE SOLENOID.								
3. W = WASH (START), R = RINSE (CENTER) & S = STERILIZE (END).								

900151, Exploded Parts List Wiring Diagram, BWF-2



SWITCHES (BLACK) — SET INTERVAL ON 10-100S

