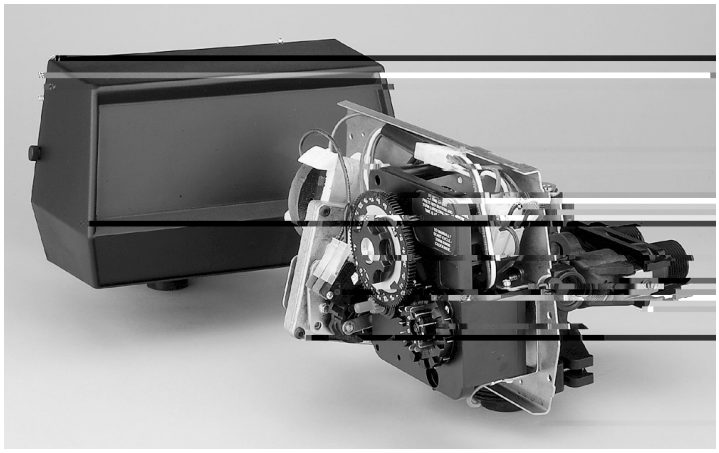
PENTAIR

FLECK 2510 & 2510 ECONOMINDER

SERVICE MANUAL



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5. Position the valve to the start of the brine tank fill cycle. Ensure water goes into the brine tank at the desired rate. The brine valve drive cam will hold the valve in this position to fill the brine tank for the first regeneration.
6. Replace control box cover.
7. Put salt in the brine tank.

NOTE: Do not use ranulated or rock salt.

3200 TIMER SETTING PROCEDURE

How To Set Days On Which Water Conditioner Is To Re enerate (Fi ure 2)

Rotate the skipper wheel until the number “1” is at the red pointer. Set the days that regeneration is to occur by sliding tabs on the skipper wheel outward to expose trip fingers. Each tab is one day. Finger at red pointer is tonight. Moving clockwise from the red pointer, extend or retract fingers to obtain the desired regeneration schedule.

How To Set The Time Of Day

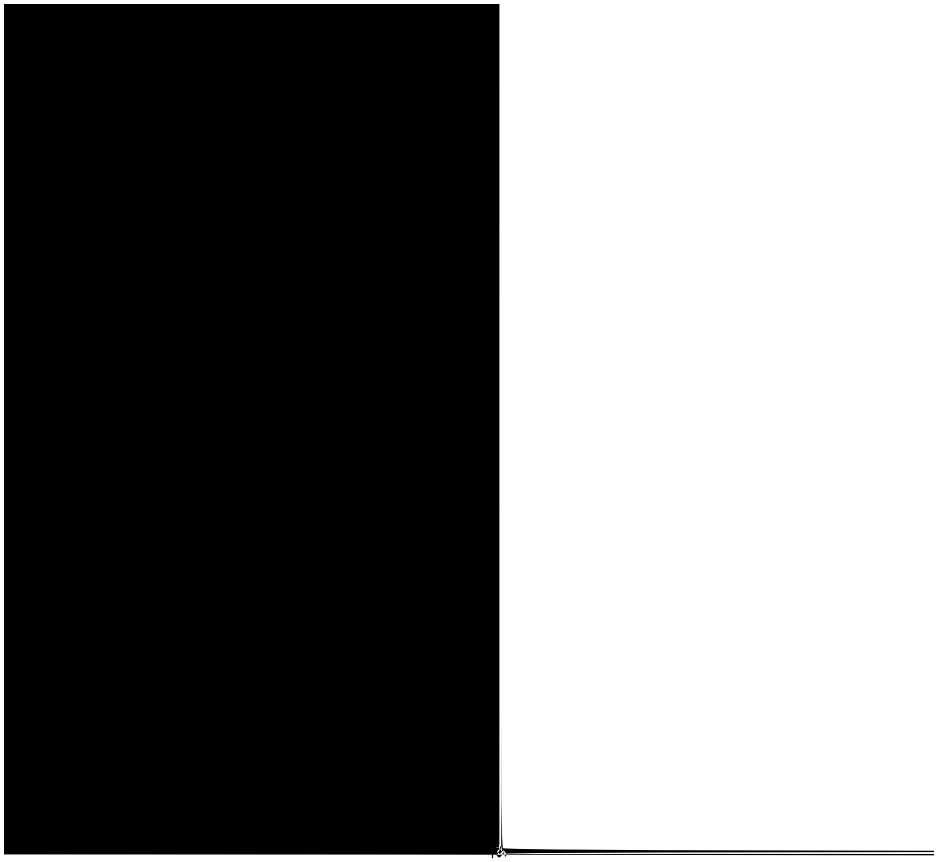
3200 TIME CLOCK TIMER ASSEMBLY

CONTINUED

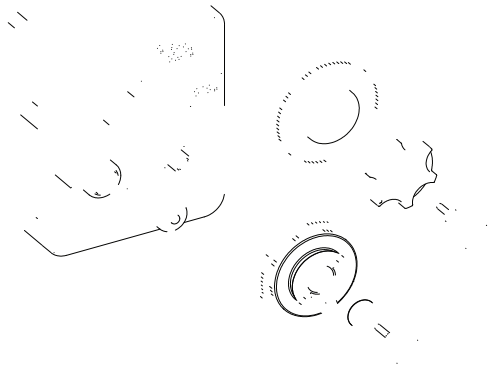
Item No.	QTY	Part No.	Description
1	1	13870	Housing, Timer, 3200
2	1	14265	Clip, Sping
3	3	14087	Insulator
4	1	10896	Switch, Micro
5	1	15320	Switch, Micro, Timer
6	2	11413	Screw, Pan Hd Mach, 4-40 x 1-1/8
7	1	13886	Knob, 3200
8	5	13296	Screw, Hex Wsh, 6-20 x 1/2
9	1	11999	Label, Button
10	1	13018	Pinion, Idler
11	1	13312	Spring, Idler Shaft
12	1	13017	Gear, Idler
13	1	13164	Gear, Drive
14	1	13887	Plate, Motor Mounting
15	1	18743-1	Motor, 120V, 60Hz, 1/30 RPM
		18752-1	Motor, 100V, 50Hz, 1/30 RPM
		18824-1	Motor, 230V, 50Hz, 1/30 RPM
		18826-1	Motor, 24V, 50Hz, 1/30 RPM
		19659-1	Motor, 24V, 60Hz, 1/30 RPM
		19660-1	Motor, 230V, 60Hz, 1/30 RPM
16	2	13278	Screw, Sltd Fillister Hd 6-32 x .156
17	1	15424	Spring, Detent, Timer
18	1	15066	Ball, 1/4-inch, Delrin
19	1	15465	Label, Caution
20	1	19210	Program Wheel Assy
21	1	13911	Gear, Main Drive, Timer
22	17	41754	Pin, Spring, 1/16 x 5/8 SS, Timer
23	1	13011	Arm, Cycle Actuator
24	1	13864	Ring, Skipper Wheel
25	2	13311	Spring, Detent, Timer
26	2	13300	Ball, 1/4-inch, SS
27	1	14381	Skipper Wheel Assy, 12 Day
		14860	Skipper Wheel Assy, 7 Day
28	1	13014	Pointer, Regeneration
29	1	40096-24	Dial, 12 AM Regen Assy, Black
		40096-02	Dial, 2 AM Regen Assy, Black
30	1	13881	Bracket, Hinger Timer
31	2	11384	Screw, Phil, 6-32 x 1/4 Zinc
32	1	13902	Harness, 3200
33	2	40422	Nut, Wire, Tan
34	1	15354-01	Wire, Ground, 4 inches
35	1	14007	Label, Time of Day
36	1	*	Complete 3200 Time Clock Timer Assembly
37		60320-02	Switch Kit, 3200/9000 Timer Auxiliary, Optional
38		61420-03	Program Wheel, Gear Assy, Filter 2 Min Per Pin
		61420-04	Program Wheel, Gear Assy, Softener, 2 Min Per Pin

*Call your distributor for Part Number

3210 METER DELAYED TIMER ASSEMBLY



3220 METER IMMEDIATE TIMER ASSEMBLY



Item No.	QTY	Part N	Description
1	1	1387	Housing, Timer
2	1	1543	Gear, Cycle Actuator, #5
3	1	13886	Knob, 3200
4	4	13296	1/2
5	2	1199	Label, Button
6	1	138	Gear, Program Drive W
7	1	1380	Retainer, Program
8	1	13748	Screw, Flt Hd St, 6-20 x 1/2
9	1	14265	Spring Clip
10	1	130	Pinion, Idler
11	1	185	Idler Shaft
12	1	130	Ge
13	1	13	Drive Gear
14	1	13887	Plate, Motor Mounting
15	1	18743-1	M 20V, 60 Hz, 1/30 RPM
		18	00V, 50Hz, 1/30 RPM
		18824-1	M 230V, 50Hz, 1/30 RPM
		18826-1	M 24V, 50 RPM
		19659-1	M , 60Hz, 1/30 RPM
		19660-1	Motor, 230V, 60Hz, 1/30 RPM
16	2	1	Screw, Sltd Fillister Hd
17	1	1	
18	1	1	Clutch, Drive Pinion
19	1	1	Meter Clutch Spring
20	1	1	Retainera pan /MCID 1413 BDC BT-0.1236Span /MCID 1415 BDC BT0.973 Tw /Span/Actual....

POWERHEAD ASSEMBLY
(ENVIRONMENTAL) *CONTINUED*

Item No.	QTY	Part No.	Description
1	1	18697-15	Backplate, Hinged
2	1	11838	Power Cord, 6-feet, North American, Flat
		19303-01	Power Cord, 6-feet, Austrailian
		19885-01	Power Cord, 6-feet, Japanese
		11545-01	Power Cord, 6-feet, European
3	1	13547	Strain Relief, Cord
4	1	40400	Harness, Drive Designr/ Envirmtl
5	2	10231	Screw, Slot Hex 1/4-20 x 1/2 35 in-lbs ±20%
6	2	10218	Switch, Micro
7	1	10909	Pin, Connecting Rod Spring
8	1	60160-15	Drive Cam Assy, STF, Blue, 2900
9	2	10338	Pin, Roll, 3/32 x 7/8
10	2	14923	Screw, Pan Hd MACH, 4-40 x 1 5.0 in-lbs ±10%
11	1	41543	Motor, Drive, 115V/60 Hz
		41545	Motor, Drive, 220V, 50-60Hz, SP, Fam 1
11A		42579	Motor, Drive, 24 VAC/DC, 50-60 Hz, Fam 1
12	1	12777	Cam, Shut-off Valve
13	2	10300	Screw, Hx Wash Head, 8 x 3/8 20 in-lbs ±20%
14	1	3200	Timer Assy, 3200 7 or 12 Day
			3210 Meter Delay
			3220 Meter Immediate
15	1	15806	Hole Plug, (HeyCo)
16	1	16493	Plug, Hole, HeyCo, .88 Dia
17	1	17421	Plug, 1.20 Hole
18	2	19691	Plug, .750 Dia. Hole, Flush
19	7	19800	Plug (Hole Size: Dia .140)
20	4	19801	Plug, Dia .190
21	1	43560	Fitting, Brine Valve (Used on Filter Valves)
22	1	10269	Nut, Jam, 3/4-16 (Used on FIlter Valves)
23	2	41581	Plug, Hole .125 Dia, White
24	1	10872	Screw, Hex WSH, 8-32 x 5/16 20 IN-LBS ±20%
25	1	14202-01	Screw, Hex Washer #8-32 x 5/16 Hand Tighten
26	1	60219-02	Cover Assy, Environmental, Black, Clear Window
		60219-12	Cover Assy, Environmental, Black, Black Window
27	1	*	Powerhead Assembly
28	1	60050-23	Drive Motor Assy, 24 VAC/ DC, 50-60 Hz FAM 1
		60050-21	Drive Motor Assy, 115V/60 Hz
		60050-22	Drive Motor Assy, 220V, 50-60 Hz SP FAM1
29		60320-12	Switch Kit, 1500-2850 Drive Motor

Not Shown:

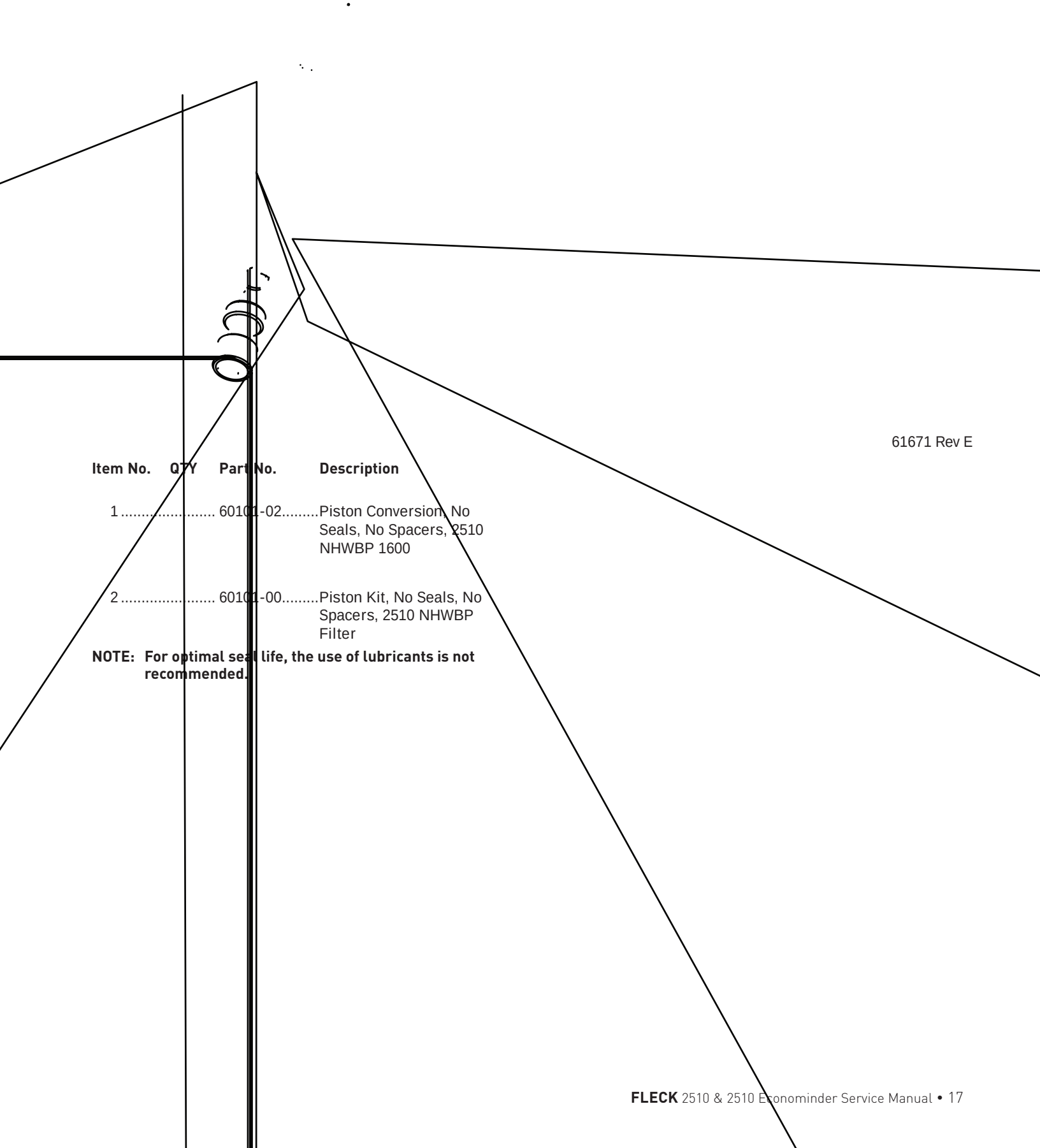
1	15441	Cable Guide Assy, 2510
1	15495	Meter Cable, 13.87 inches

*Call your distributor for Part Number

CONTROL VALVE ASSEMBLY *CONTINUED*

Item No.	QTY	Part No.	Description
25	1	12338	Fitting, Elbow, 90 Deg. 1/2-inch NPT x 1/2-inch Barb
26	1	11893	Cap, Injector, Stainless Steel
		10228	Cap, Injector, Brass
27	1	15137	Screw, Hex Wsh Mach, 10-24 x 3/8
28	1	10757	Spacer, End
29	1	12973-0	Nozzle, Injector, #0, PVC
		12973-1	Nozzle, Injector, #1, PVC
		12973-2	Nozzle, Injector, #2, PVC
		12973-3	Nozzle, Injector, #3, PVC
		12973-4	Nozzle, Injector, #4, PVC
		10913-000	Nozzle, Injector, #000 Brown
		10913-00	Nozzle, Injector, #00 Violet
		10913-0	Nozzle, Injector, #0 Red
		10913-1	Nozzle, Injector, #1 White
		10913-2	Nozzle, Injector, #2 Blue
		10913-3	Nozzle, Injector, #3 Yellow
		10913-4	Nozzle, Injector, #4 Green
30	1	12974-0	Throat, Injector, #0, PVC
		12974-1	Throat, Injector, #1, PVC
		12974-2	Throat, Injector, #2, PVC
		12974-3	Throat, Injector, #3, PVC
		12974-4	Throat, Injector, #4, PVC
		10914-000	Throat, Injector, #000 Brown
		10914-00	Throat, Injector, #00 Violet
		10914-0	Throat, Injector, #0 Red
		10914-1	Throat, Injector, #1 White
		10914-2	Throat, Injector, #2 Blue
		10914-3	Throat, Injector, #3 Yellow

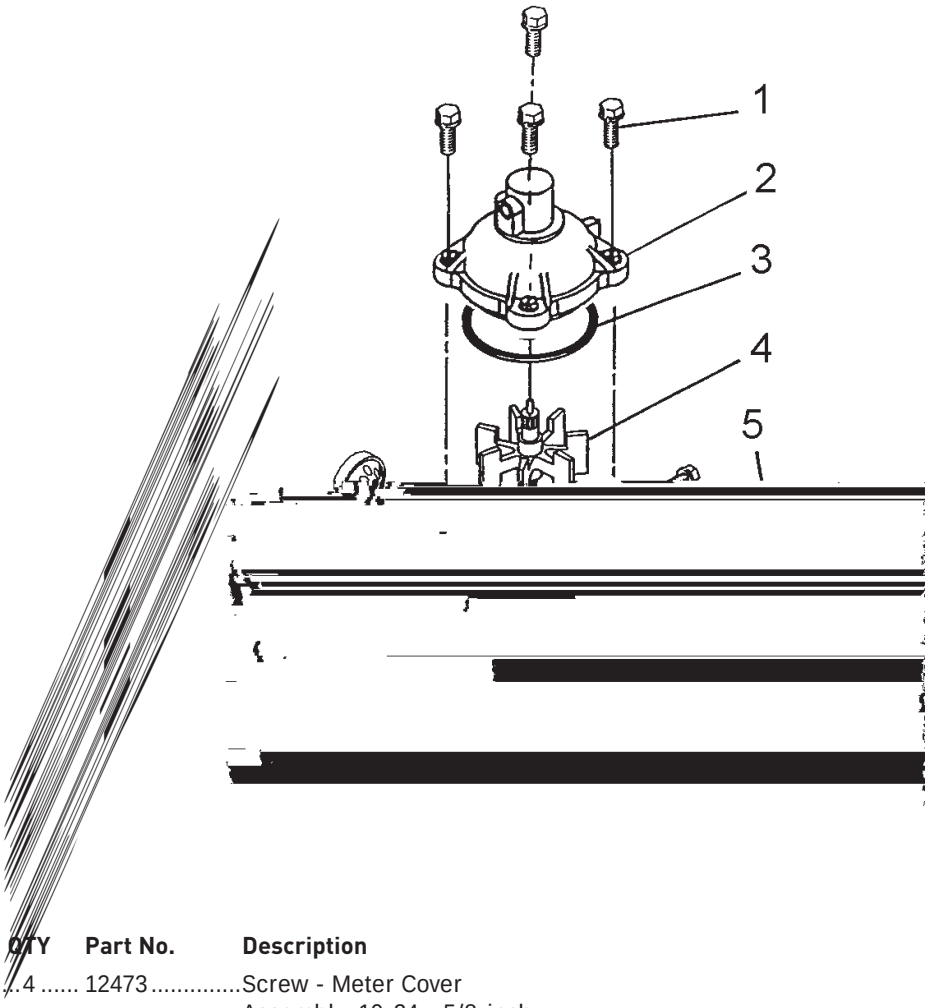
SOFTENER FILTER CONVERSION KITS



61671 Rev E

Item No.	QTY	Part No.	Description
1		60101-02	Piston Conversion, No Seals, No Spacers, 2510 NHWBP 1600
2		60101-00	Piston Kit, No Seals, No Spacers, 2510 NHWBP Filter

NOTE: For optimal seal life, the use of lubricants is not recommended.



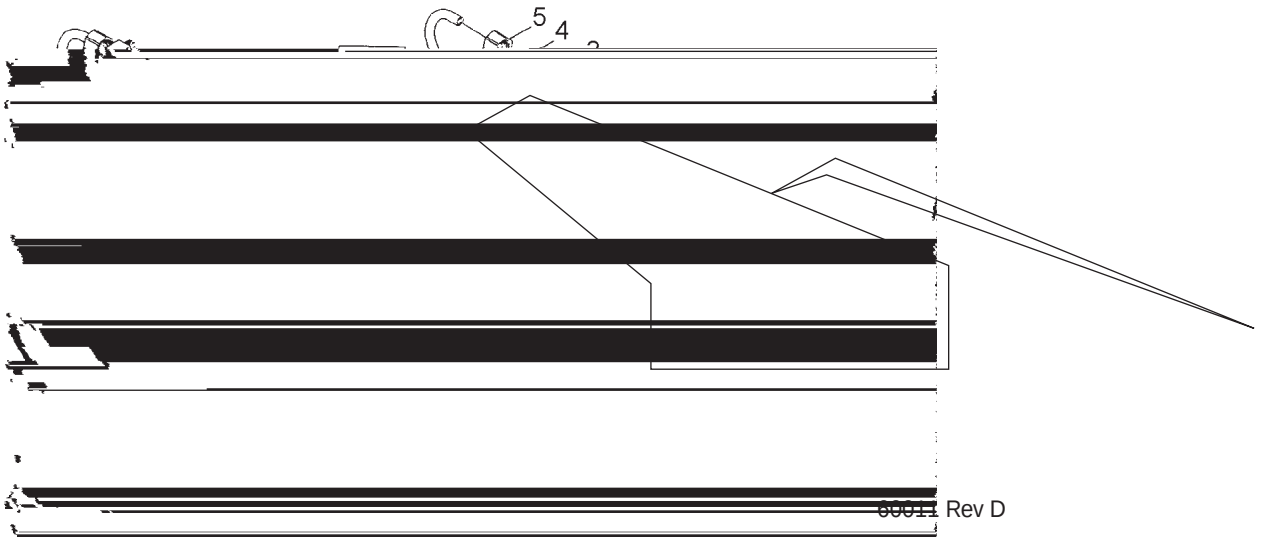
Item No.	QTY	Part No.	Description
1	4	12473	Screw - Meter Cover Assembly, 10-24 x 5/8-inch
2	1	15[illegible]	[illegible] Angle (Not Shown)
		15452	

1600 BRINE SYSTEM ASSEMBLY

60029 Rev C

Item No.	QTY	Part No.	Description
1	2	10332	Fitting, Insert, 3/8
2	1	12767	Screen, Brine
3	1	10328	Fitting, Elbow, 90 Deg. 1/4-inch NPT x 3/8Tube
4	3	10329	Fitting, Tube, 3/8 Nut, Brass
5	3	10330	Fitting, Sleeve, 3/8 Celcon
6	1	16508-01	Tube, Brine Valve, 2850/2900s
		12774	Tube, Brine Valve, 1500
		40027	Tube, Brine Valve, 2510, HWBP
		14428	Tube, Brine Valve, 1600/1650, NHWBP
		15221-01	Tube, Brine Valve, 2750/2900
		42184	Tube, Brine Valve, 2850s
		41683	Tube, Brine Valve, UF, 2900S 1600/1650
7	1	10250	Ring, Retaining
8	1	11749	Guide, Brine Valve Stem
9	1	10249	Spring, Brine Valve
10	1	12550	Quad Ring, -009
11	1	12748	Brine Valve Body Assy, 1600 w/Quad Ring
12	1	12552-02	Brine Valve Stem, 1600, with Seat
13	1	12626	Seat, Brine Valve
14	1	11982	O-ring, -016
15	1	60020-25	BLFC, .25 GPM, 1600
		60020-50	BLFC, .50 GPM, 1600
		60020-100	BLFC, 1.0 GPM, 1600
16	1	60029-010	Brine Valve, 1600 Short Stem, 0.25 gpm
		60029-020	Brine Valve, 1600 Short Stem, 0.50 gpm
		60029-030	Brine Valve, 1600 Short Stem, 1.00 gpm

16 0 BRINE SYSTEM

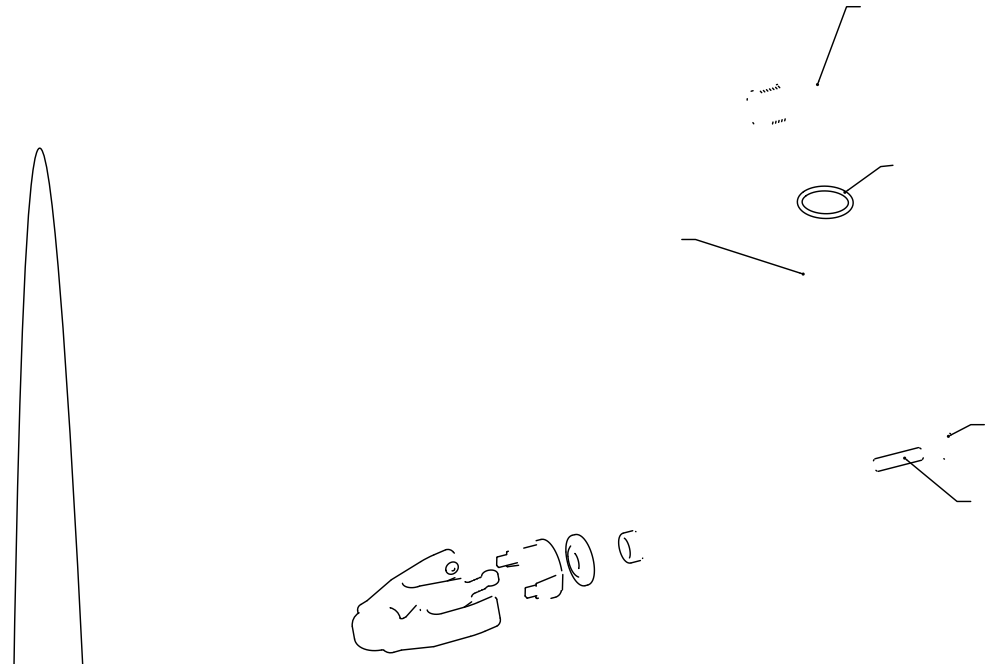


Item No.	QTY	Part No.	Description
1	1	10328	Elbow, 90 1/4 NPT x 3/8
3	3	10332	Insert, 3/8
4	1	10330	Sleeve, 3/8 Nut Brine
5	1	10329	Tube Fitting, 3/8 Nut Brine
6	1	16508-01	Tube, Brine Valve, 2850/2900s
		12774	Tube, Brine Valve, 1500
		40027	Tube, Brine Valve, 2510, HWBP
		14428	Tube, Brine Valve, 1600/1650, NHWBP
		15221-01	Tube, Brine Valve, 2750/2900
		42184	Tube, Brine Valve, 2850s
		41683	Tube, Brine Valve, UF, 2900S 1600/1650
7	2	19625	Assy., GFN Nut
8	1	16924	O-ring, -018
9	1	12626	Seat, Brine Valve
10	1	12552	Brine Valve Stem, 1600
12	1	17906	Guide, Brine Valve Stem
13	1	10250	Retaining Ring
14	1	10249	Spring, Brine Valve
15	1	17884	Brine Valve Body Assy., Plastic
17	1	12794	Elbow, 3/8 Tube Poly, White
18	1	60002	#500 Air Check

Item No.	QTY	Part No.	Description
1	2	13305	O-ring, -119
2	2	13255	Clip, Mounting
3	2	13314	Screw, Slot Ind Hex, 8-18 x .60
4A	1	18706	Yoke, 1-inch , NPT, Plastic
		18706-02	Yoke, 3/4-inch , NPT, Plastic
4B	1	13708-40	Yoke, 1-inch , Sweat
		13708-45	Yoke, 3/4-inch , Sweat
		19275	Yoke, Angle 90 Deg, 3/4-inch , NPT
		19275-45	Yoke, Angle 90 Deg, 3/4-inch Sweat
		19620-01	Yoke Assy, 3/4-inch , R/Angle, 90 Deg w/O-rings, Clips & Screws
		40636	Yoke, 1-1/4 inch, NPT
		40636-49	Yoke, 1-1/4 inch, Sweat
		41027-01	Yoke, 3/4-inch , NPT, Cast, Machined
		41026-01	Yoke, 1-inch , NPT, Cast,

Item No.	QTY	Part No.	Description
1	1	60027-00	Safety Brine Valve, 2300, Less Elbow
2	1	10138	Ball, 3/8-inch , Brass
3	1	11566	Ball Stop, Slow Fill
4	1	10328	Fitting, Elbow, 90 Deg. 1/4 NPT x 3/8 Tube
5	1	10332	Fitting, Insert, 3/8
6	1	10330	Fitting, Sleeve, 3/8 Celcon
7			

2310 SAFETY BRINE VALVE



2310 SAFETY BRINE VALVE *CONTINUED*

Item No.	QTY	Part No.	Description
1	1	19645	Body, Safety Brine Valve, 2310
2	1	19803	Safety Brine Valve Assy
3	1	19804	Screw, Sckt Hd, Set, 10-24 x .75
4	1	19805	Nut, Hex, 10-24, Nylon Black
5	1	19652-01	Poppet Assy, SBV w/O-ring
6	1	19649	Flow Dispenser
7	1	11183	O-ring, -017
8	1	19647	Elbow, Safety Brine Valve
9	2	19625	Nut Assy, 3/8-inch Plastic
10	1	18312	Retainer, Drain
11	1	60014	Safety Brine Valve Assy, 2310
12	2	10150	Grommet, .30 Dia
13	1	60068-8.06	Float Assy, 2310, w/8.06-inch Rod
		60068-10.5	Float Assy, 2310, w/10.5-inch Rod
		60068-11.5	Float Assy, 2310, w/11.5-inch Rod
		60068-20	Float Assy, 2310, w/20-inch Rod
		60068-30	Float Assy, 2310, w/30-inch Rod
14	1	60002-10	Air Check, #500, American Hydro
		60002-11.38	Air Check, #500, 11.38 inches Long
		60002-24	Air Check, #500, 24 inches Long
		60002-27	Air Check, #500, 27 inches Long
		60002-32	Air Check, #500, 32 inches Long
		60002-34	Air Check, #500, 34 inches Long
		60002-36	Air Check, #500, 36 inches Long
		60002-48	Air Check, #500, 48 inches Long
		60002-26.25	Air Check, #500, 26.25 inches Long
		60002-33.25	Air Check, #500, 33.25 inches Long

SEAL & SPACER TOOLS & REPLACEMENT

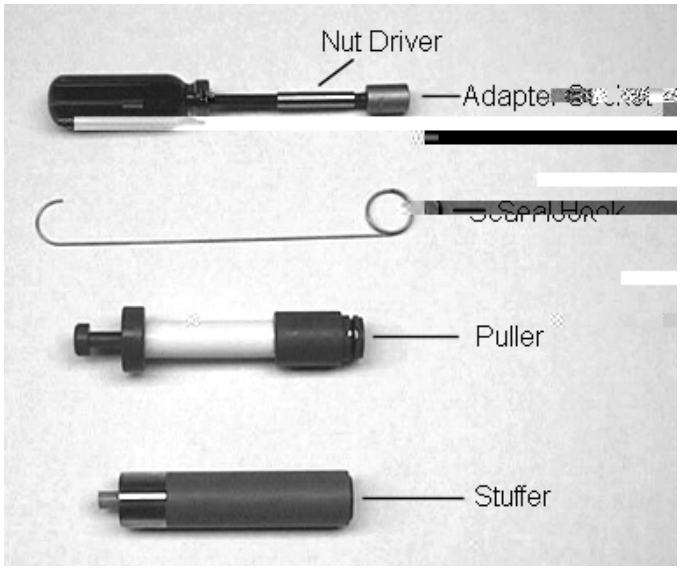


Figure 5

NOTE: Photos shown are for reference only for replacin the seal and spacer. Actual valve may be different.

1. Turn off water supply to valve. Next, cycle valve to backwash position, then to service. Now remove electrical plug from outlet.
2. Remove control box cover.
3. Disconnect the brine line from the injector housing to the brine valve (if your unit has timed brine tank fill).
4. Remove the two capscrews that hold the back plate to the valve.
5. Grasp the back plate on both sides and slowly pull end plug and piston assembly out of the valve body (see "Figure 6") and lay aside.

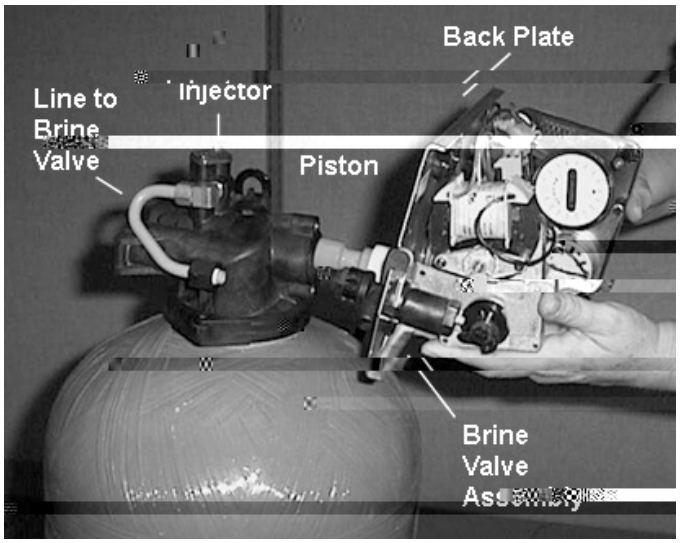


Figure 6

6. Remove the seal first using the wire hook with the finger loop (see "Figure 7").

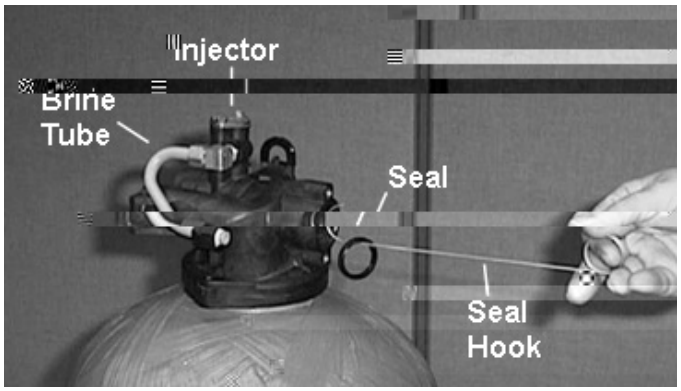


Figure 7

7. The spacer tool (use only for removing the spacers) has three retractable pins, retained by a rubber ring, at one end. They are retracted or pushed out by pulling or pushing the center button the opposite end.
8. Insert the pin end of the spacer tool into the valve body with the pins retracted (button pulled back). Push the tool tight against the spacer and push the button in, (see Figure 8). When the button is pushed in, the pins are pushed out to engage the 1/4 dia. holes in the spacer. Remove the tool from the valve body. The spacer will be on the end. Pull the center button back, the pins will be retracted and the spacer can be removed from the spacer tool.

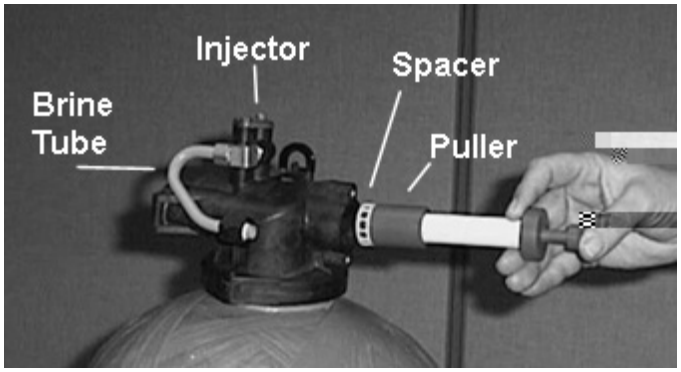


Figure 8

9. Alternately remove the remaining seals and spacers in accordance with steps No. 6 and 8.
10. The last or end spacer does not have any holes for the pins of the spacer tool to engage, therefore if the end spacer does not come out on the first try, try again using the wire hook with the finger loop.

SEAL & SPACER TOOLS & REPLACEMENT

CONTINUED

11. To replace seals, spacers and end ring, use special tool with the brass sleeve on one end. This is a double-purpose tool (see Figure 5). The male end acts as a pilot to hold the spacers as they are pushed into the valve body and the brass female end is used to insert the seals into the valve body.

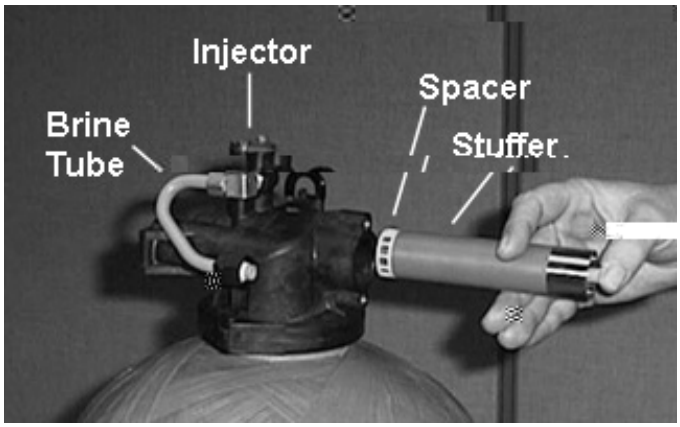


Figure 9

12. To restuff a valve body, first take the end ring (the plastic or brass ring without holes), then with your thumb press the button on the brass sleeve end. The large dia. inner portion is now exposed (see Figure 8). Place the end ring on this pilot with the lip on the end ring facing the tool. Push the tool into the valve body bore until it bottoms. While the tool is in the valve body, take a seal and press it into the inside diameter of the exposed brass female end.
13. Remove the tool, turn it end for end and insert it into the valve body bore. While holding the large dia. of the tool, slide it all the way into the valve body bore until it bottoms. Then push the center button to push the seal of the tool and leave it in place in the valve body.
14. Remove the tool from the valve body and push the center on the brass female end to expose the pilot on the opposite end. Place a spacer on this end and insert the spacer and tool into the valve.

GENERAL SERVICE HINTS FOR METER CONTROL

Problem: Softener delivers hard water

Reason: Reserve capacity has been exceeded.

Correction: Check salt dosage requirements and reset program wheel to provide additional reserve.

Reason: Program wheel is not rotating with meter output.

Correction: Pull cable out of meter cover and rotate manually. Program wheel must move without binding and clutch must give positive clicks when program wheel strikes regeneration stop. If it does not, replace timer.

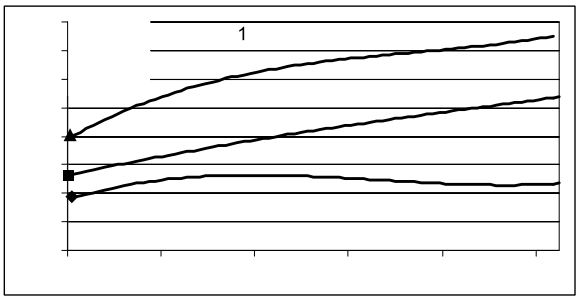
Reason: Meter is not measuring flow.

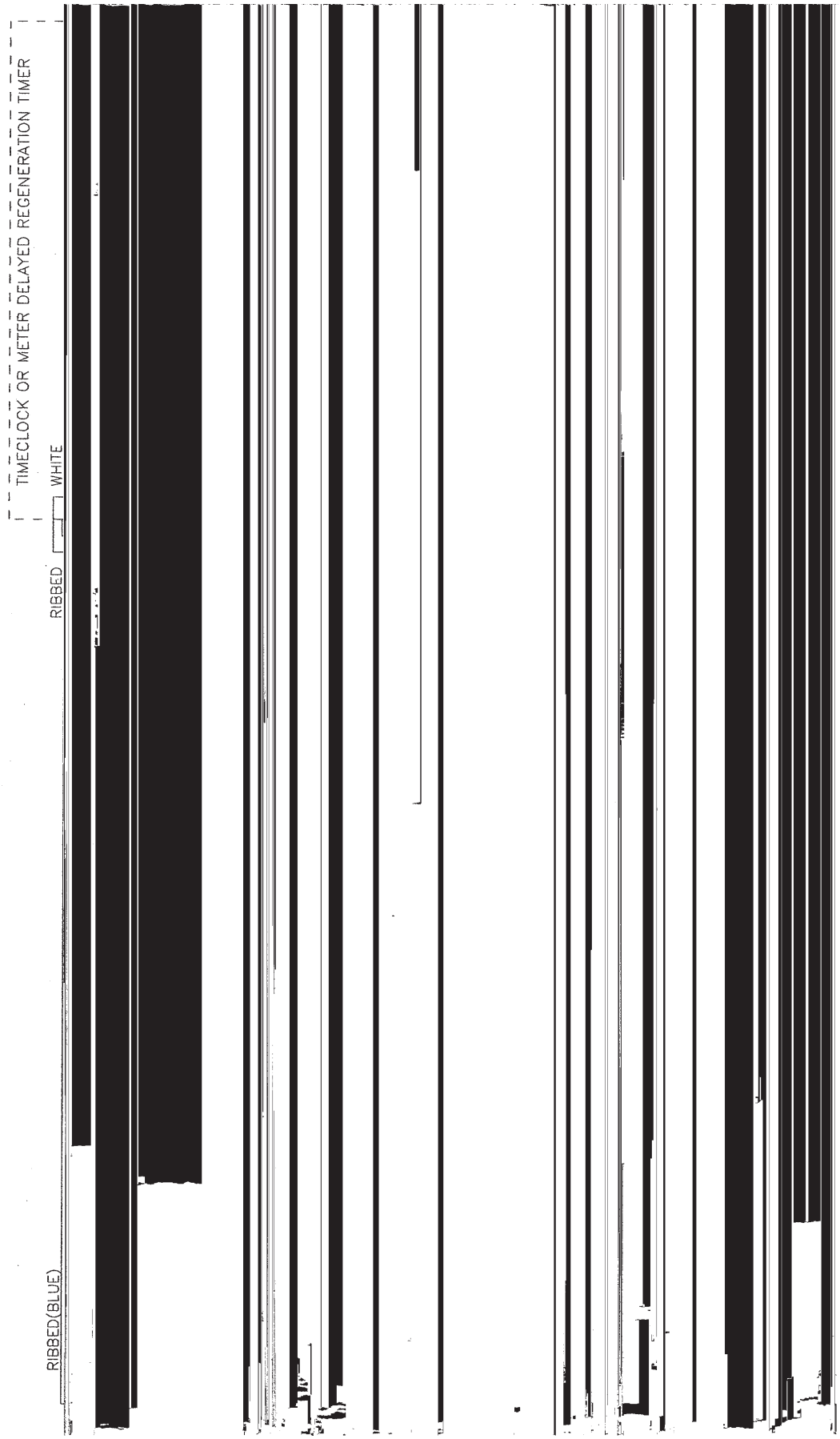
Correction: Check meter with meter checker.

TROUBLESHOOTING

Problem	Cause	Correction
Water conditioner fails to regenerate.	Electrical service to unit has been interrupted	Assure permanent electrical service (check fuse, plug, pull chain, or switch)
	Timer is defective.	Replace timer.
	Power failure.	Reset time of day.
Hard water.	By-pass valve is open.	Close by-pass valve.
	No salt is in brine tank.	Add salt to brine tank and maintain salt level above water level.
	Injector screen plugged.	Clean injector screen.
	Insufficient water flowing into brine tank.	Check brine tank fill time and clean brine line flow control if plugged.
	Hot water tank hardness.	Repeated flushings of the hot water tank is required.
	Leak at distributor tube.	Make sure distributor tube is not cracked. Check o-ring and tube pilot.
	Internal valve leak.	Replace seals and spacers and/or piston.
Unit used too much salt.	Improper salt setting.	Check salt usage and salt setting.
	Excessive water in brine tank.	See "Excessive water in brine tank".
Loss of water pressure.	Iron buildup in line to water conditioner.	Clean line to water conditioner.
	Iron buildup in water conditioner.	Clean control and add mineral cleaner to mineral bed. Increase frequency of regeneration.
	Inlet of control plugged due to foreign material broken loose from pipes by recent work done on plumbing system.	Remove piston and clean control.
Loss of mineral through drain line.	Air in water system.	Assure that well system has proper air eliminator control. Check for dry well condition.
	Improperly sized drain line flow control.	Check for proper drain rate.
Iron in conditioned water.	Fouled mineral bed.	Check backwash, brine draw, and brine tank fill. Increase frequency of regeneration. Increase backwash time.
Excessive water in brine tank.	Plugged drain line flow control.	Clean flow control.
	Plugged injector system.	Clean injector and screen.
	Timer not cycling.	Replace timer.
	Foreign material in brine valve.	Replace brine valve seat and clean valve.
	Foreign material in brine line flow control.	Clean brine line flow control.
Softener fails to draw brine.	Drain line flow control is plugged.	Clean drain line flow control.
	Injector is plugged.	Clean injector
	Injector screen plugged.	Clean screen.
	Line pressure is too low.	Increase line pressure to 20 psi
	Internal control leak	Change seals, spacers, and piston assembly.
	Service adapter did not cycle.	Check drive motor and switches.
Control cycles continuously.	Misadjusted, broken, or shorted switch.	Determine if switch or timer is faulty and replace it, or replace complete power head.
Drain flows continuously.	Valve is not programming correctly.	Check timer program and positioning of control. Replace power head assembly if not positioning properly.
	Foreign material in control.	Remove power head assembly and inspect bore. Remove foreign material and check control in various regeneration positions.
	Internal control leak.	Replace seals and piston assembly.

FLOW DATA & INJECTOR DRAW RATES




TIMECLOCK OR METER DELAYED REGENERATION TIMER
WHITE
RIBBED
RIBBED(BLUE)

19201 Rev C

SERVICE ASSEMBLIES

24 Hour Gear Assemblies
40096-02 ..... Dial 2AM Regen Assy, Black
40096-24 ..... Dial 12AM Regen Assy, Black
60519-02 ..... Gear Assy, 3200 24 Hour 2 Times/Day
60519-03 ..... Gear Assy, 3200, 24 Hour 3 Times/Day
60519-04 ..... Gear Assy, 3200, 24 Hour 4 Times/Day
60519-06 ..... Gear Assy, 3200, 24 Hour (12:00) 6 Times/Day

Brine Line Flow Control (BLFC)
60010-25 ..... BLFC, 1650, .25 GPM, Plastic
60010-50 ..... BLFC, 1650, .50 GPM, Plastic
60010-100 ..... BLFC, 1650, 1.0 GPM, Plastic

Brine Valves
60011-010 ..... Brine Valve, 1650, Short Stem, .25 GPM, Less Tube
60011-030 ..... Brine Valve, 1650, Short Stem, 1.0 GPM, Less Tube

Bypasses
60049..... Bypass Plastic Assy
60040SS ..... Bypass Valve, 5600, 3/4-inch NPT
60041SS ..... Bypass Valve, 5600, 1-inch NPT

Cam
60160-15 ..... Drive Cam Assy, STF, Blue

Clamp
60503..... Clamp Ring Assembly, 2510

Couplin
60510..... Adapter Coupling Assy, 5600

Drain Line Flow Controls
60705-00 ..... DLFC, Plastic, Blank
60705-06 ..... DLFC, Plastic, .60 GPM
60705-08 ..... DLFC, Plastic, .80 GPM
60705-10 ..... DLFC, Plastic, 1.0 GPM
60705-12 ..... DLFC, Plastic, 1.2 GPM
60705-13 ..... DLFC, Plastic, 1.3 GPM
60705-15 ..... DLFC, Plastic, 1.5 GPM
60705-17 ..... DLFC, Plastic, 1.7 GPM
60705-20 ..... DLFC, Plastic, 2.0 GPM
60705-24 ..... DLFC, Plastic, 2.4 GPM
60705-30 ..... DLFC, Plastic, 3.0 GPM
60705-35 ..... DLFC, Plastic, 3.5 GPM
60705-40 ..... DLFC, Plastic, 4.0 GPM
60705-45 ..... DLFC, Plastic, 4.5 GPM
60705-50 ..... DLFC, Plastic, 5.0 GPM
60705-60 ..... DLFC, Plastic, 6.0 GPM
60705-70 ..... DLFC, Plastic, 7.0 GPM
60705-8.0 ..... DLFC, QC x 3/4-inch F, 8.0 GPM
60705-9.0 ..... DLFC, QC x 3/4-inch F, 9.0 GPM
60705-12 ..... DLFC, QC x 3/4-inch F, 12.0 GPM
60705-15 ..... DLFC, QC x 3/4-inch F, 15.0 GPM

Drives
60050-21 ..... Drive Assy, 2750, STF, 120V Softener

Injectors
60480-xx..... 1600 Injector Assy (Specify size of Injector)

Meters
60088-180 ..... Meter Assy, 3/4-inch Dual Port, Slip Std, Rt Ang/180 Plastic Paddle w/clps
60089-180 ..... Meter Assy, 3/4-inch Dual Port, Slip Ext, Rt Ang/180 Plastic Paddle w/clps

Pistons
60090..... Piston Assy, 1500, 2510, 2750
60101-01 ..... Piston Assy, NHWBP
60101-02 ..... Piston Conversion, 2510 NHWBP 1600
60101-00 ..... Piston Kit, 2510 NHWBP Filter

Pro ram Wheels
60405-10 ..... Program Wheel, w/3/4-inch Std Label Set @ 21
60405-15 ..... Program Wheel, w/3/4-inch Std Label w/People Label Set @ 21

Safety Brine (2300)
60028-30 ..... Float Assy, 2350, 30-inch , White
60027-FFA..... Safety Brine Valve Body, 2300 Fitting Facing Arm
60027-FFS..... Safety Brine Valve Body, Fitting Facing Stud

Sales and Service Aids
40097..... Literature, 2510, S/Manual
16510..... Literature, 2510, Spec Sheet

Seal & Spacer Kits
60121..... Seal Kit, 1500, 2510, 2750
60121-10 ..... Seal & Spacer Kit, 2750, Silicone

Skipper Wheels
14860..... Skipper Wheel Assy, 7 Day
14381..... Skipper Wheel Assy, 12 Day

Yokess
13708-40 ..... Yoke, 1-inch , Sweat
13708-45 ..... Yoke, 3/4-inch , Sweat
18706..... Yoke, 1-inch , NPT, Plastic
18706-20 ..... Yoke, 3/4-inch , NPT, Plastic
19275..... Yoke, Angle 90 Deg. 3/4-inch , NPT
19275-45 ..... Yoke, Angle 90 Deg. 3/4-inch Sweat
19620-01 ..... Yoke Assy, 3/4-inch , R/Angle, 90 Deg w/O-rings, Clips and Screws
40636..... Yoke, 1-1/4 inch, NPT
40636-49 ..... Yoke, 1-1/4 inch, Sweat
41026-01 ..... Yoke, 1-inch , NPT, SS
41027-01 ..... Yoke, 3/4-inch , NPT, Cast, Machd

PENTA