



FLECK 2510 & 2510 ECONOMINDER

SERVICE MANUAL

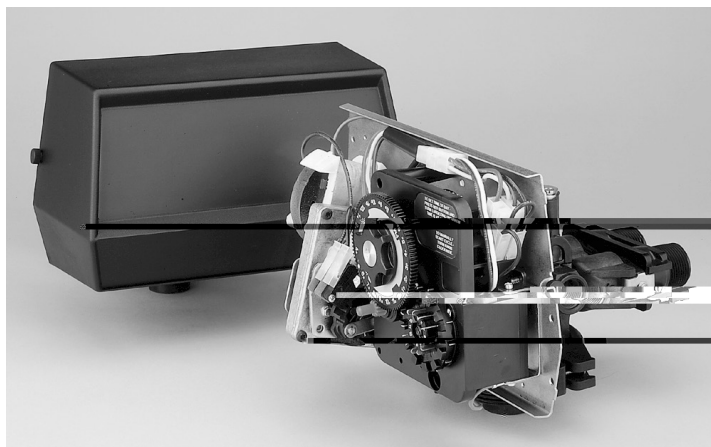


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INSTALLATION

Water Pressure

A 11 20 (1.4)

Electrical Facilities

$$A \quad | \quad \dots \quad | \quad (A/C) \quad | \quad \dots$$

NOTE: Other voltages are available. Please make sure your voltage supply is compatible with your unit before installation.

Existing Plumbing

C

P

/

Location Of Softener And Drain

Bypass Valves

A | | | | |

CAUTION Water pressure is not to exceed 125 psi (8.6 bar), water temperature is not to exceed 110°F (43°C), and the unit cannot be subjected to freezing conditions.

Installation Instructions

1. P. ...

2. D i _____ , i _____ .

3. A

1/2 (13)

7 (26.5 L)

20 (6)

3/4 (19)

C

4. $\frac{1}{x^2} = x^{-2}$. Then $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$.

5. L _____ I _____ - I _____ - I _____
P _____

NOTE: Only use silicone lubricant.

6. $\frac{J}{L} = \frac{D}{6} \cdot \frac{L}{(15)} \cdot \frac{F}{C} \cdot \frac{I}{DLFC}$

7. P
I I . . . I . . . I . . . I . . . I . . .
I . . . I . . . I . . . I . . . I . . .

[illegible]

9. P. 11 (25)

(F1 1) D

10.0

1.0

0.0

()

0.0

11. *How do you feel about the fact that you have to pay for the services you receive?*

12. P

5. P II
E

6. I

7. P I

NOTE: Do not use granulated or rock salt.

3200 TIMER SETTING PROCEDURE

How To Set Days On Which Water Conditioner Is To Regenerate (Figure 2)

1. P I
E
Fi
M

How To Set The Time Of Day

1. P I
2. I
3. I

How To Manually Regenerate Your Water Conditioner At Any Time

1. I
2. I
3. I

4. E I
5. I

6. I
7. I

How to Adjust Regeneration Time

1. Di
2. L 24

3. L 24-

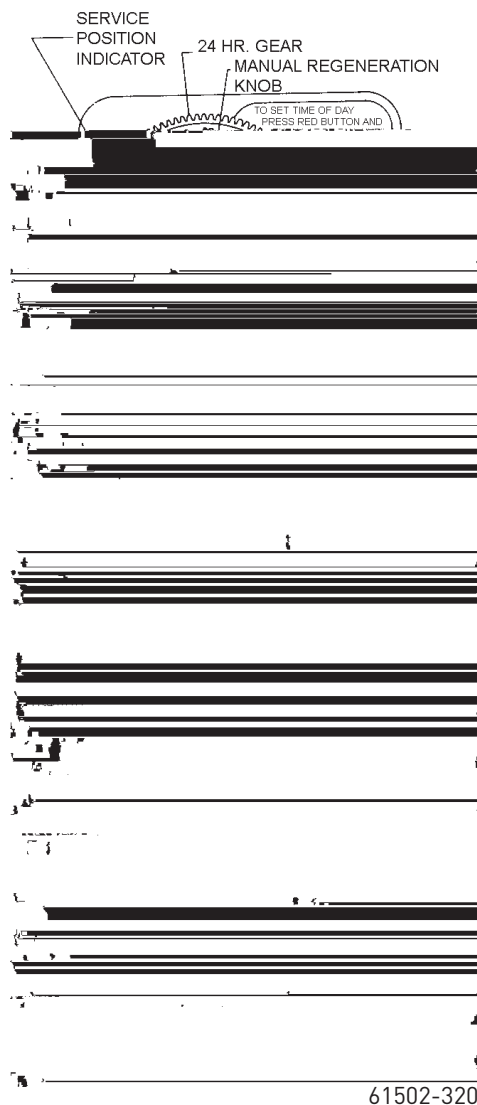
4. L 24-

5. I

6. P 24- I

7. P I

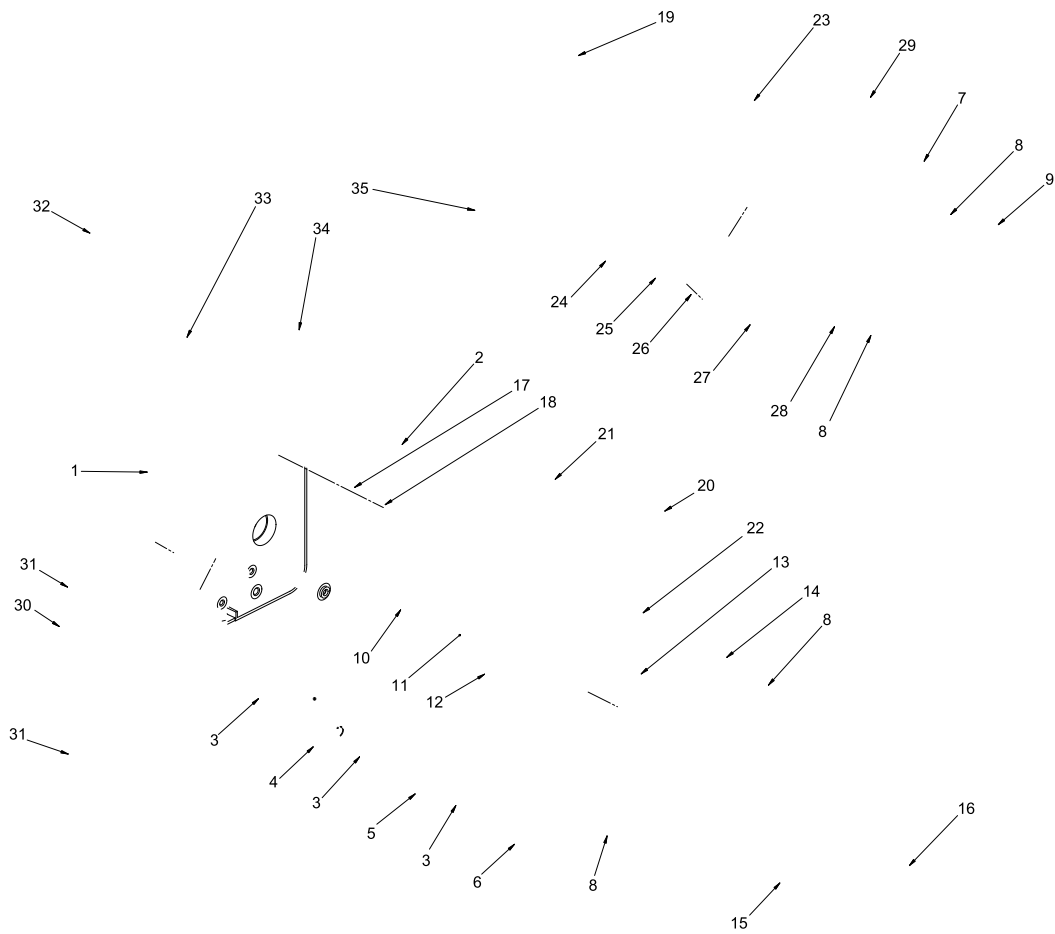
8. I



Fi 2

3210 TIMER SETTING PROCEDURE

Typical Programming Procedure

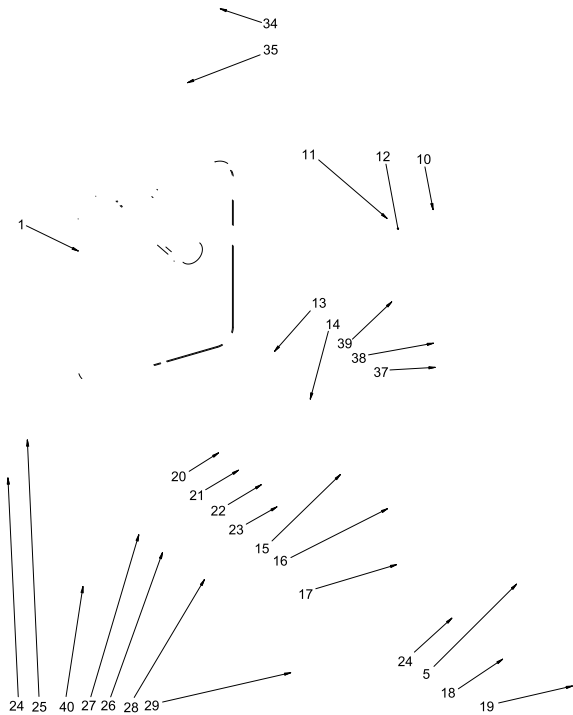


3200 TIME CLOCK TIMER ASSEMBLY

CONTINUED

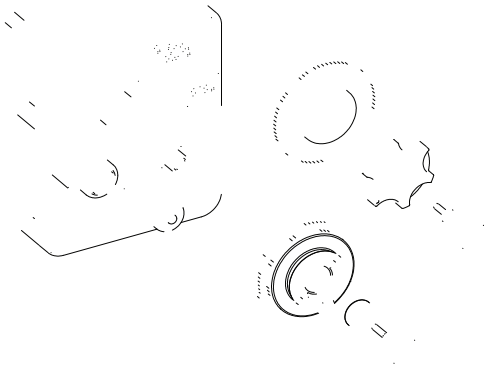
Item No.	QTY	Part No.	Description	Item No.	QTY	Part No.	Description
1	1	13870	H , , , 3200	27	1	14381	, A , 12 D
2	1	14265	C , ,			14860	, A , 7 D
3	3	14087	I	28	1	13014	P , , ,
4	1	10896	, Mi	29	1	40096-24	Di , 12 AM A ,
5	1	15320	, Mi ,			B	
6	2	11413	, P H M ,			40096-02	Di , 2 AM A , B
		4-40	1-1/8	30	1	13881	B , Hi
7	1	13886	K , 3200	31	2	11384	, P , 6-32 1/4
8	5	13296	, H , 6-20 1/2	32	1	13902	H , 3200
9	1	11999	L , B	33	2	40422	N , ,
10	1	13018	Pl , , I	34	1	15354-01	, G , 4
11	1	13312	, , I	35	1	14007	L , , D
12	1	13017	G , , I	36	1	*	C 3200 , C
13	1	13164	G , D ,				, A
14	1	13887	P , M M ,	37		60320-02	, Ki , 3200/9000
15	1	18743-1	M , 120 , 60H , 1/30 PM			A	, O
		18752-1	M , 100 , 50H , 1/30 PM	38		61420-03	P , G A ,
		18824-1	M , 230 , 50H , 1/30 PM			Fi	2 Mi P Pi
		18826-1	M , 24 , 50H , 1/30 PM			61420-04	P , G A ,
		19659-1	M , 24 , 60H , 1/30 PM				, 2 Mi P Pi
		19660-1	M , 230 , 60H , 1/30 PM	*C			, P N
16	2	13278	, Fi , H				
		6-32	.156				
17	1	15424	, D ,				
18	1	15066	B , 1/4-I , D				
19	1	15465	L , C				
20	1	19210	P A				
21	1	13911	G , M , D ,				
22	17	41754	Pl , , 1/16 5/8 ,				
			I				
23	1	13011	A , C A				
24	1	13864	, ,				
25	2	13311	, D ,				
26	2	13300	B , 1/4-I ,				

3210 METER DELAYED TIMER ASSEMBLY



Item No.	QTY	Part No.	Description
1	1	13870	H , , , 3200
2	1	13802	G , C A
3	1	40096-02	Di 2 AM A , B
4	1	13886	K , 3200
5	4	13296	, H , 6-20 1/2
6	2	11999	L , B
7	1	13803	G , P D i
8	1	13806	, I , P
9	1	13748	, F H , 6-20 1/2
10	1	14265	C i , i
11	1	15424	, i , D , i
12	1	15066	B , 1/4-i D i
13	1	13018	Pi i , i
14	1	13312	, i , i
15	1	13017	G , i
16	1	13164	G , D i
17	1	13887	P , M M i
18	1	18743-1	M , 120 , 60H 1/30 PM
		18752-1	M , 100 , 50H , 1/30 PM
		18824-1	M , 230 , 50H , 1/30 PM
		18826-1	M , 24 , 50H , 1/30 PM
		19659-1	M , 24 , 60H , 1/30 PM
		19660-1	M , 230 , 60H , 1/30 PM
19	1	13278	, Fi i H , 6-32 .156
20	1	13830	Pi i , P D i
21	1	13831	C , D i Pi i
22	1	14276	, i , M , C
23	1	14253	, i , C i
24	3	11384	, P i , 6-32 1/4
25	1	13881	B , Hi i
26	3	14087	I
27	1	10896	, i , Mi
28	1	15320	, i , Mi , i
29	2	11413	, P H M , 4-40 1 1/8
30	1	14198	L , i i
31	1	15465	L , C i
32	1	14007	L , i D
33	1	14045	L , i i
34	1	13902	H , 3200
35	2	40422	N , i ,
36	1	15354-01	, i , G , 4 i
37	1	19210	P A
38	17	41754	Pi , i , 1/16 5/8 , i
39	1	13911	G , M i D i , i
40	1	*	C 3210 M D i A
41		60405-10	P , /3/4-i D L 0-2,100
		60405-20	P , /3/4-i E M i 0-10,000-8 3
		60405-11	P , /3/4-i D M i L 0-8 3

**3220 METER IMMEDIATE TIMER
ASSEMBLY**

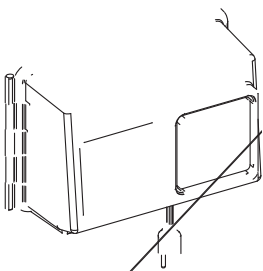


3220 METER IMMEDIATE TIMER

ASSEMBLY *CONTINUED*

Item No.	QTY	Part No.	Description	Item No.	QTY	Part No.	Description
1	1	13870	H , I	34	1	19210-05	P A , 9000/3230
2	1	15431	G , C A , #5	35	17	41754	Pi , I , 1/16 5/8 I , I
3	1	13886	K , 3200	36	1	15055	G , M I D I
4	4	13296	, H , 6-20 1/2	37	1	*	C 3220 M I I I A
5	2	11999	L , B	38		60405-10	P , /3/4-I D L 0-2,100
6	1	13807	G , P D I			60405-20	P , /3/4-I E L 0-10,000
7	1	13806	I , P			60405-11	P , /3/4-I D M I L 0-8 3
8	1	13748	, F H , 6-20 1/2			60405-21	P , /3/4-I E 0-40 3
9	1	14265	I C I	39		60320-02	I K I , 3200/9000 I A I I , O I
10	1	13018	Pi I , I	40		61420-06	P , G A , I I 2 Mi P Pi
11	1	18563	I			61420-42	P , G A , Fi I I 2 Mi P Pi
12	1	13017	G , I				
13	1	13164	D I G				
14	1	13887	P , M M I				
15	1	18743-1	M , 120 , 60 H , 1/30 PM				
		18752-1	M , 100 , 50H , 1/30 PM				
		18824-1	M , 230 , 50H , 1/30 PM				
		18826-1	M , 24 , 50H , 1/30 PM				
		19659-1	M , 24 , 60H , 1/30 PM				
		19660-1	M , 230 , 60H , 1/30 PM				
16	2	13278	, Fi I H				
17	1	14502	Pi I , P				
18	1	14501	C , D I Pi I				
19	1	14276	M C I				
20	1	14253	I , C I				
21	3	11384	, P I , 6-32 1/4 I				
22	1	13881	B , Hi I				
23	3	14087	I				
24	1	15414-00	Mi I				
25	1	15320	I , Mi , I				
26	2	11413	, P H M , 4-40 1-1/8				
27	1	14198	L , I I				
28	1	15465	L , C I				
29	1	14007	L , I D				
30	1	15148	L , I I				
31	1	40617	H , 3220				
32	2	40422	N , I ,				
33	1	15354-01	I , G , 4 I				

POWERHEAD ASSEMBLY
(ENVIRONMENTAL)



B 61501-1500 C

POWERHEAD ASSEMBLY

(ENVIRONMENTAL) CONTINUED

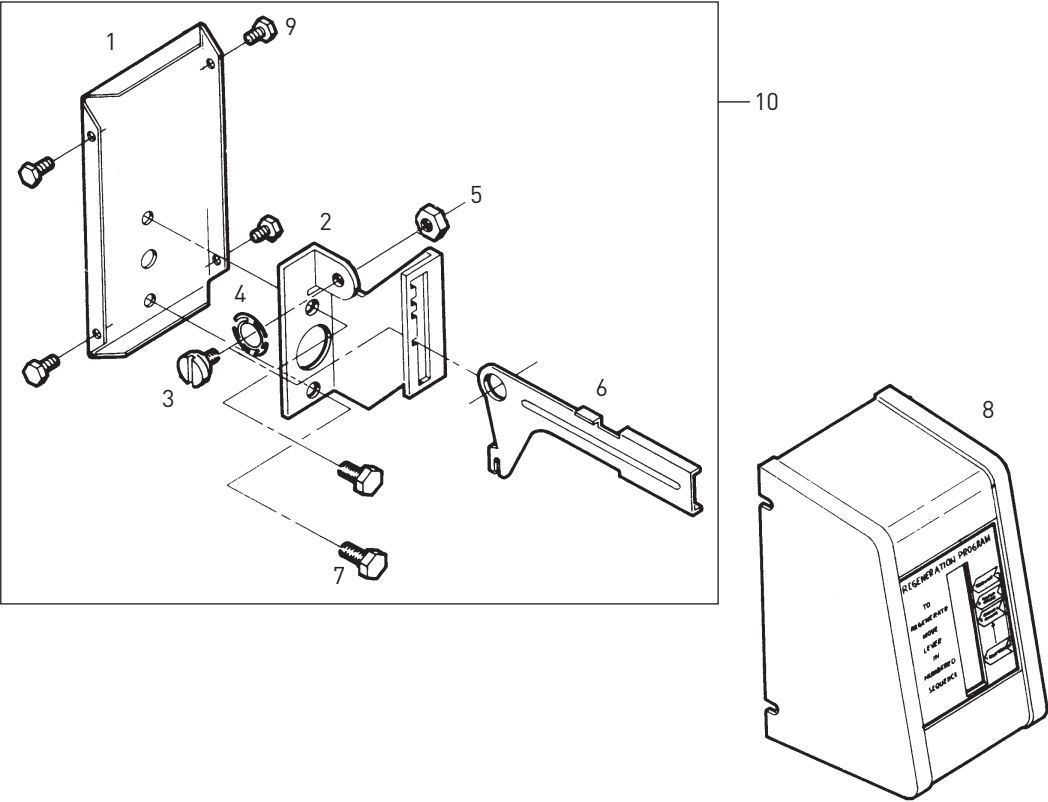
Item No.	QTY	Part No.	Description
1	1	18697-15	B , Hi
2	1	11838	P C , 6- , N A , F
		19303-01	P C , 6- , A
		19885-01	P C , 6- , J
		11545-01	P C , 6- , E
3	1	13547	, I , C
4	1	40400	H , D I D I / E I
5	2	10231	, H 1/4-20 1/2 35 I - 20%
6	2	10218	, Mi
7	1	10909	Pi , C I
8	1	60160-15	D I C A , F, B , 2900
9	2	10338	Pi , , 3/32 7/8
10	2	14923	, P H MACH, 4-40 1 5.0 I - 10%
11	1	41543	M , D I , 115 /60 H
		41545	M , D I , 220 , 50-60H , P, F 1
11A		42579	M , D I , 24 AC/DC, 50-60 H , F 1
12	1	12777	C , -
13	2	10300	, H H , 8 3/8 20 I - 20%
14	1	3200	I A , 3200 7 12 D 3210 M D 3220 M I
15	1	15806	H P , (H C)
16	1	16493	P , H , H C , .88 Di
17	1	17421	P , 1.20 H
18	2	19691	P , .750 Di . H , F
19	7	19800	P (H I : Di .140)
20	4	19801	P , Di .190
21	1	43560	Fi I , B I (Fi)
22	1	10269	N , J , 3/4-16 H FI)

Item No.	QTY	Part No.	Description
23	2	41581	P , H .125 Di , I
24	1	10872	, H H, 8-32 5/16 20 IN-LB 20%
25	1	14202-01	, H #8-32 5/16 H I
26	1	60219-02	C A , E I B , C I
		60219-12	C A , E I B , B I
27	1	*	P A
28	1	60050-23	D I M A , 24 AC/ DC, 50-60 H FAM 1
		60050-21	D I M A , 115 /60 H
		60050-22	D I M A , 220 , 50-60 H P FAM1
29		60320-12	I Ki , 1500-2850 D I M

Not Shown:

1	15441	C G I A , 2510
1	15495	M C , 13.87 I
*C		I I P N

MANUAL POWERHEAD ASSEMBLY



Item No.	QTY	Part No.	Description
1	1	12593	B , M
2	1	12592	B , L P II
3	1	12596	M , 1/4 - 20 1/2
4	1	12707	, I
5	1	11235	N , H , 1/4 - 20, M , I
6	1	12594	L , P II
7	2	10231	H , 1/4 - 20 1/2 18-8
8	1	60224-32	C A , M , Fi
	1	60224-33	C A , M ,
9	4	10300	, H , 8-18 3/8 B C44-47
10		60409	P A , M

Not Shown:

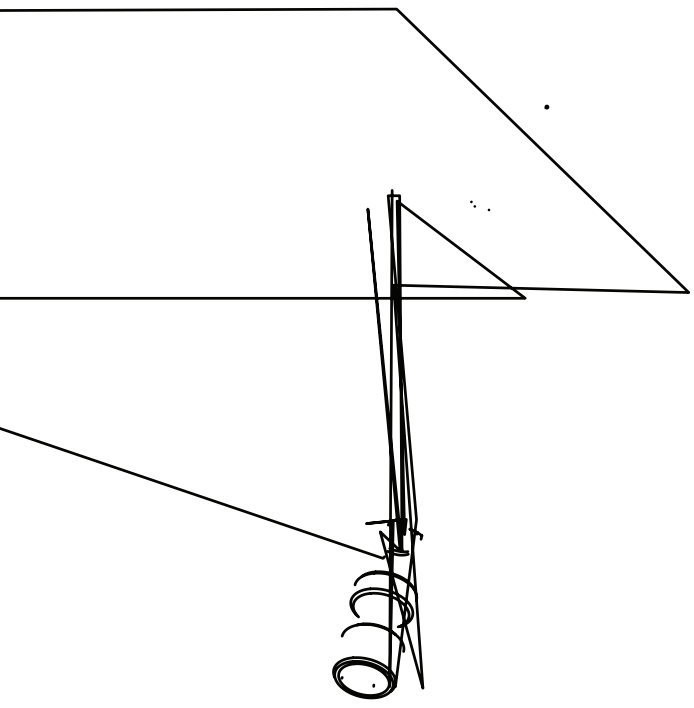
1	10909	Pi , Li
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60409 A

CONTROL VALVE ASSEMBLY *CONTINUED*

Item No.	QTY	Part No.	Description	Item No.	QTY	Part No.	Description
25	1	12338	Flange, E, 90 D, 1/2-1 NP 1/2-1 B	60705-17	1	DLFC, P	1.7
26	1	11893	C, I, J, B	60705-20	1	DLFC, P	2.0
		10228	C, I, J, B	60705-24	1	DLFC, P	2.4
27	1	15137	H, M, 10-24 3/8	60705-30	1	DLFC, P	3.0
28	1	10757	E	60705-35	1	DLFC, P	3.5
29	1	12973-0	N, I, J, #0, P C	60705-40	1	DLFC, P	4.0
		12973-1	N, I, J, #1, P C	60705-45	1	DLFC, P	4.5
		12973-2	N, I, J, #2, P C	60705-50	1	DLFC, P	5.0
		12973-3	N, I, J, #3, P C	60705-60	1	DLFC, P	6.0
		12973-4	N, I, J, #4, P C	60705-70	1	DLFC, P	7.0
		10913-000	N, I, J, #000 B	60706-8.0	1	DLFC, C 3/4-1 F, 8.0	
		10913-00	N, I, J, #00 I	60706-9.0	1	DLFC, C 3/4-1 F, 9.0	
		10913-0	N, I, J, #0	60706-10	1	DLFC, C 3/4-1 F, 10	
		10913-1	N, I, J, #1 I	60706-12	1	DLFC, C 3/4-1 F, 12	
		10913-2	N, I, J, #2 B	60706-15	1	DLFC, C 3/4-1 F, 15	
		10913-3	N, I, J, #3	60706-20	1	DLFC, C 3/4-1 F, 20	
		10913-4	N, I, J, #4 G	33	1	60090	Pi A, 1500, 2510, 2750
30	1	12974-0	I, J, #0, P C	34	1	60121	Ki, 1500, 2510, 2750
		12974-1	I, J, #1, P C		1	60121-10	Ki, 2510, 2750, I
		12974-2	I, J, #2, P C	35	1	60101-01	Pi A, NH BP
		12974-3	I, J, #3, P C	36	2	19228-01	A A, C I /O- I
		12974-4	I, J, #4, P C	37	4	13305	O- I, -119
		10914-000	I, J, #000 B	38	1	14805	G, I, J B, 1600/1700
		10914-00	I, J, #00 I	Not Shown			
		10914-0	I, J, #0		1	11098	A, 2510/2750
		10914-1	I, J, #1 I		1	13061	P A, P I 2510/2750
		10914-2	I, J, #2 B		1	12874	H
		10914-3	I, J, #3	NOTE: For optimal seal life, the use of lubricants is not recommended.			
		10914-4	I, J, #4 G				
31	1	60480-000	I, J A, 1600 #00, P I				
		60480-00	I, J A, 1600 #0, P I				
		60480-01	I, J A, 1600 #1, P I				
		60480-02	I, J A, 1600 #2, P I				
		60480-03	I, J A, 1600 #3, P I				
		60480-04	I, J A, 1600 #4, P I				
32	1	60705-00	DLFC, P I B				
		60705-06	DLFC, P I 0.60				
		60705-08	DLFC, P I 0.80				
		60705-10	DLFC, P I 1.0				
		60705-12	DLFC, P I 1.2				
		60705-13	DLFC, P I 1.3				
		60705-15	DLFC, P I 1.5				

SOFTENER FILTER CONVERSION KITS

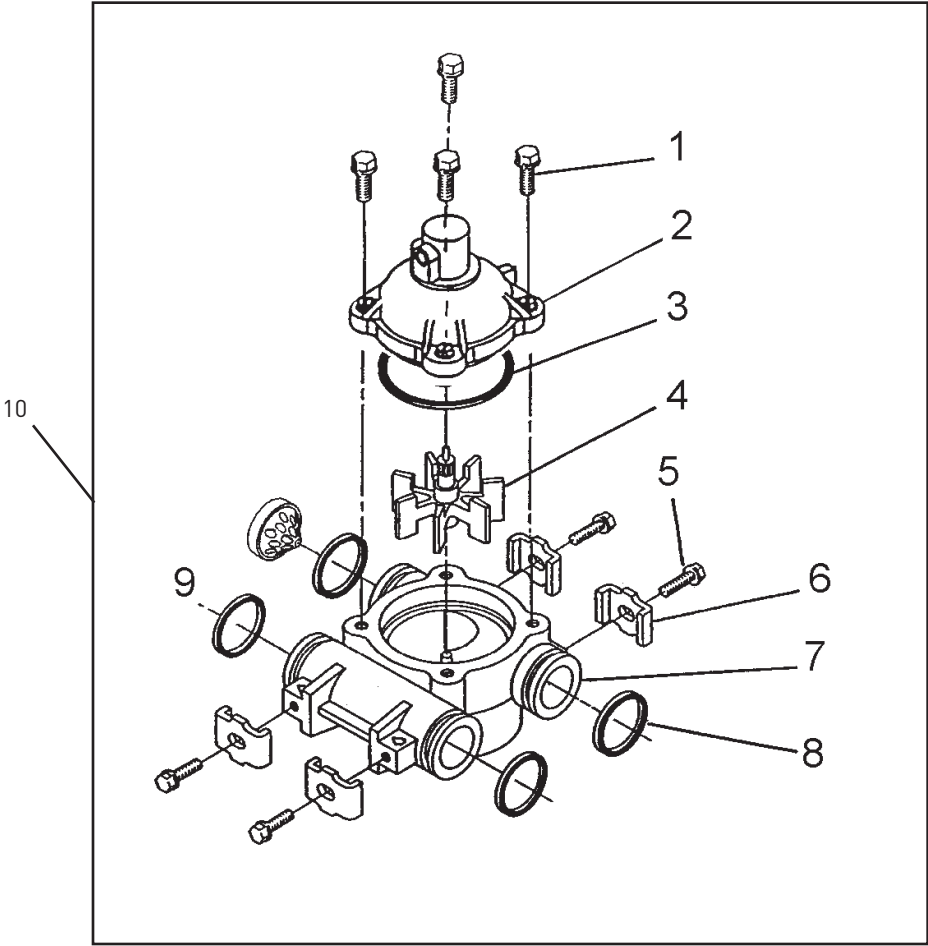


61671 E

Item No.	QTY	Part No.	Description
1		60101-02	Plastic Cap, N NH BP 1600
2		60101-00	Plastic Kit, N Fitting, 2510 NH BP

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

METER ASSEMBLY



60088 E

Item No.	QTY	Part No.	Description
1	4	12473	- M C A , 10-24 5/8-i
2	1	15659	M C A - E A (N)
		15452	M C A , 3/4-i 2-i , A /90, P I P
3	1	13847	O- I - M C A , -137
4	1	13509	I
5	4	13314	- A C I , 8-18 0.6-i
6	4	13255	A C I
7	1	13821	M B
8	4	13305	O- I - M B , -119
9	1	14613	F I
10	1	60088-180	M A , 3/4-i D P , I , A /180 P I P , / I
		60089-180	M A , 3/4-i D P , I , E , A /180 P I P , / I

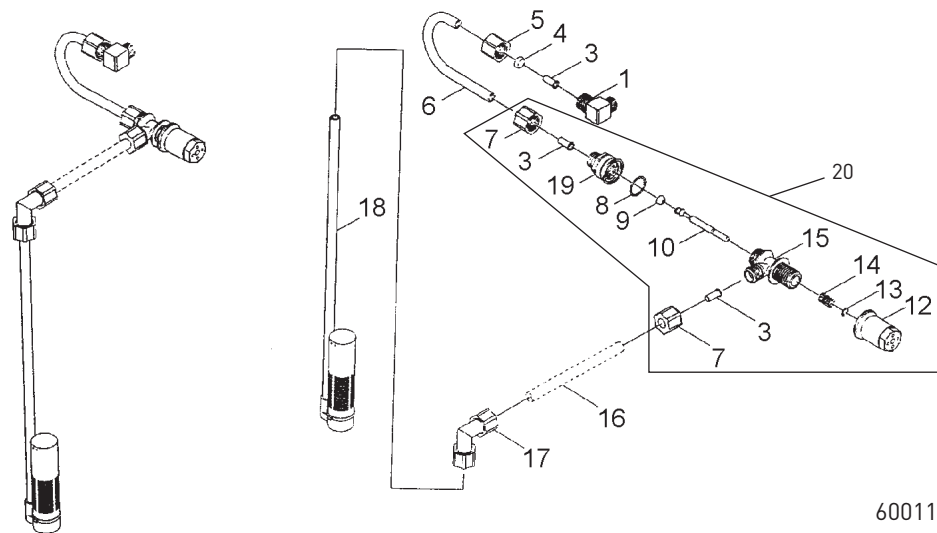
1600 BRINE SYSTEM ASSEMBLY



60029 C

Item No.	QTY	Part No.	Description	Item No.	QTY	Part No.	Description
1	2	10332	Filter, 3/8	12	1	12552-02	Brine, 1600,
2	1	12767	, B				
3	1	10328	Filter, E, 90 D, 1/4-1 NP 3/8	13	1	12626	, B
4	3	10329	Filter, 3/8 N, B	14	1	11982	O- , -016
5	3	10330	Filter, 3/8 C	15	1	60020-25	BLFC, .25 GPM, 1600
6	1	16508-01	, B, 2850/2900			60020-50	BLFC, .50 GPM, 1600
		12774	, B, 1500			60020-100	BLFC, 1.0 GPM, 1600
		40027	, B, 2510, H BP	16	1	60029-010	, B, 1600, 0.25
		14428	, B, 1600/1650, NH BP			60029-020	, B, 1600, 0.50
		15221-01	, B, 2750/2900			60029-030	, B, 1600, 1.00
		42184	, B, 2850				
		41683	, B, 1600/1650, 1/4 F, 2900				
7	1	10250	, , ,				
8	1	11749	G, B				
9	1	10249	, B				
10	1	12550	, -009				
11	1	12748	B, B A, 1600 /				

1650 BRINE SYSTEM



60011 D

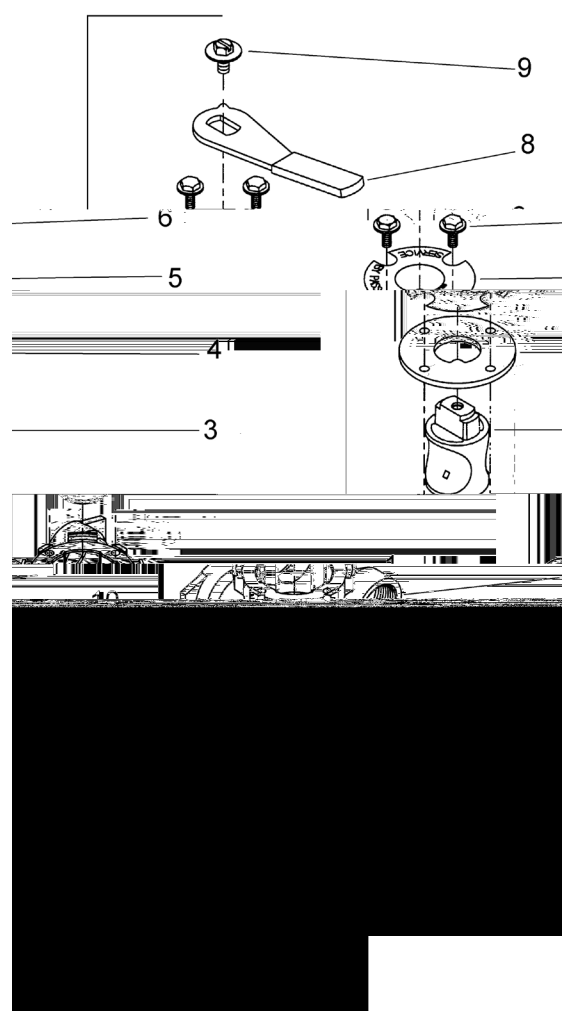
Item No.	QTY	Part No.	Description
1	1	10328	E, 90 1/4 NP 3/8
3	3	10332	I, 3/8
4	1	10330	, 3/8 N B I
5	1	10329	Fi I, 3/8 N B I
6	1	16508-01	, B I, 2850/2900
		12774	, B I, 1500
		40027	, B I, 2510, H BP
		14428	, B I, 1600/1650, NH BP
		15221-01	, B I, 2750/2900
		42184	, B I, 2850
		41683	, B I, 1/4 F, 2900 1600/1650
7	2	19625	A, GFN N
8	1	16924	O- I, -018
9	1	12626	, B I
10	1	12552	B I, 1600
12	1	17906	G I, B I
13	1	10250	I I I
14	1	10249	I, B I
15	1	17884	B I, B A, P I
17	1	12794	E, 3/8 P, I
18	1	60002	#500 A I C

Item No.	QTY	Part No.	Description
19		60010-25	BLFC Assy. (Parts)
	1	17907	H I
	1	12128	.25 GPM L
	1	12094	.25 F
	1	12098	I
		60010-50	BLFC Assy. (Parts)
	1	17907	H I
	1	10759	.50 GPM L
	1	12095	.50 F
	1	12098	I
		60010-100	BLFC Assy. (Parts)
	1	17907	H I
	1	10760	1.0 GPM L
	1	12097	1.0 F
	1	12098	I
20		60011-010	B I, 1650, 0.25
		60011-020	B I, 1650, 0.50
		60011-030	B I, 1650, 1.00



Item No.	QTY	Part No.	Description
1	2	13305	O- I , -119
2	2	13255	C I , M I
3	2	13314	, I H , 8-18 .60
4A	1	18706	, 1-I , NP , P I
		18706-02	, 3/4-I , NP , P I
4B	1	13708-40	, 1-I ,
		13708-45	, 3/4-I ,
		19275	, A 90 D , 3/4-I , NP
		19275-45	, A 90 D , 3/4-I
		19620-01	A , 3/4-I , /A , 90 D /O- I , C I &
		40636	, 1-1/4 I , NP
		40636-49	, 1-1/4 I ,
		41027-01	, 3/4-I , NP , C , M I
		41026-01	, 1-I , NP , C ,

BYPASS VALVE ASSEMBLY (METAL)

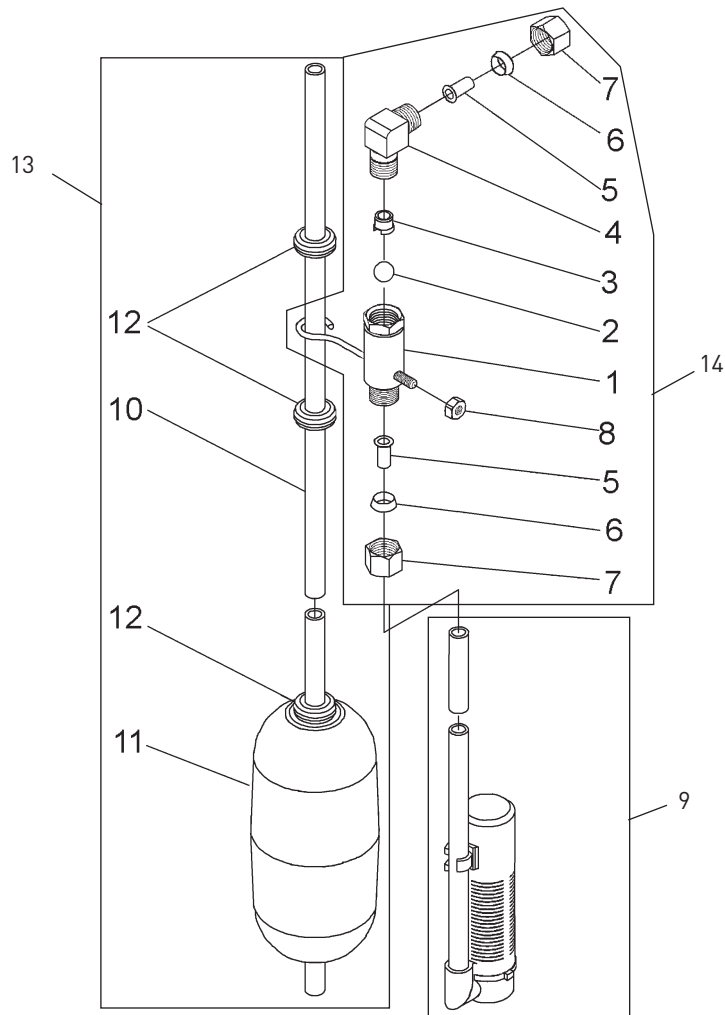


60040
60041

Item No.	QTY	Part No.	Description
1	1	40614	B B , 3/4-i
		40634	B B , 1-i
2	1	14105	, B , 560CD
3	1	11972	P , B
4	1	11978	I C
5	1	13604-01	L
6	8	15727	, 10-24 0.5-i
7	1	11986	I C
8	1	11979	L , B
9	1	11989	, H H , 1/4-14 1.5-i
10	1	60040	B , 5600, 3/4-i NP B G I L ,
		60041	B , 5600, 1-i NP B G I L ,
*	2	19228-01	A A , C I , /O- i

*N

2300 SAFETY BRINE VALVE



60027 D

Item No.	QTY	Part No.	Description	Item No.	QTY	Part No.	Description
1	1	60027-00	B I , 2300, L E				L
2	1	10138	B , 3/8-I , B			60002-36	AI C , #500, 36 I L
3	1	11566	B , Fi			60002-48	AI C , #500, 48 I L
4	1	10328	Fi I , E , 90 D . 1/4 NP 3/8			60002-26.25	AI C , #500, 26.25 I L
5	1	10332	Fi I , I , 3/8			60002-33.25	AI C , #500, 33.25 I L
6	1	10330	Fi I , , 3/8 C				
7	1	10329	Fi I , , 3/8 N , B	10	1	10149	, F , 30-I
8	1	10186	N , H , 10-32	11	1	10700	F A , I
9	1	60002-10	AI C , #500, A I H	12	3	10150	G , 30 Di
		60002-11.38	AI C , #500, 11.38 I L	13	1	60028-30	F A , 2300, 30-I
		60002-24	AI C , #500, 24 I L	14	1	60027-FFA	B I , 2300, Fi I F I A
		60002-27	AI C , #500, 27 I L			60027-FF	B I , 2300, Fi I F I
		60002-32	AI C , #500, 32 I L				
		60002-34	AI C , #500, 34 I				

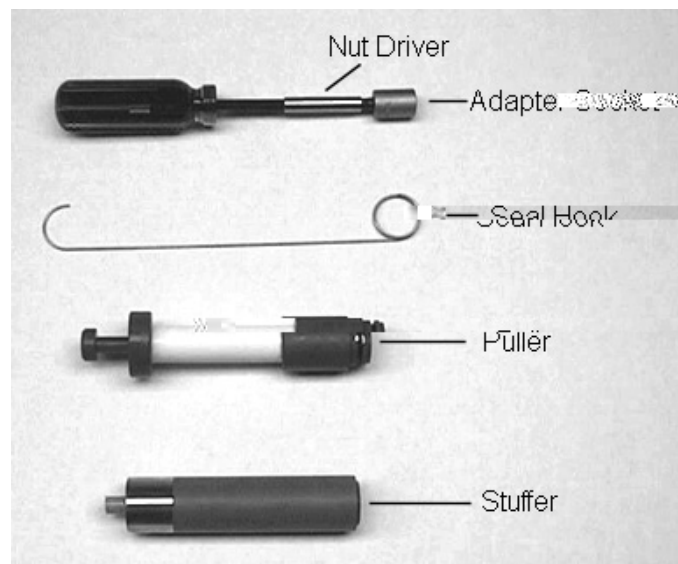
2310 SAFETY BRINE VALVE



2310 SAFETY BRINE VALVE *CONTINUED*

Item No.	QTY	Part No.	Description	Item No.	QTY	Part No.	Description
1	1	19645	B , B , 2310		60002-34	Al C , #500, 34 L	
2	1	19803	B A		60002-36	Al C , #500, 36 L	
3	1	19804	, H , 10-24 .75		60002-48	Al C , #500, 48 L	
4	1	19805	N , H , 10-24, N B		60002-26.25	Al C , #500, 26.25 L	
5	1	19652-01	P A , B /O- i		60002-33.25	Al C , #500, 33.25 L	
6	1	19649	F Di				
7	1	11183	O- i , -017				
8	1	19647	E , B				
9	2	19625	N A , 3/8-i P i				
10	1	18312	i , D i				
11	1	60014	B A , 2310				
12	2	10150	G , 30 Di				
13	1	60068-8.06	F A , 2310, /8.06-i				
		60068-10.5	F A , 2310, /10.5-i				
		60068-11.5	F A , 2310, /11.5-i				
		60068-20	F A , 2310, /20-i				
		60068-30	F A , 2310, /30-i				
14	1	60002-10	Al C , #500, A H				
		60002-11.38	Al C , #500, 11.38 L				
		60002-24	Al C , #500, 24 L				
		60002-27	Al C , #500, 27 L				
		60002-32	Al C , #500, 32 L				

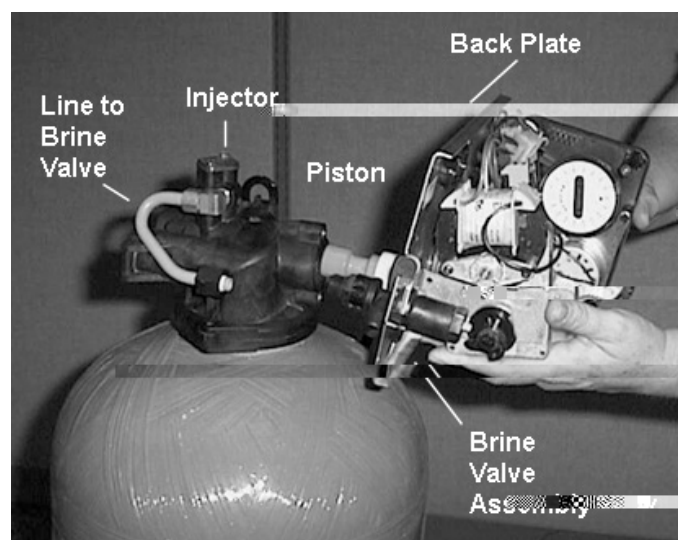
SEAL & SPACER TOOLS & REPLACEMENT



Fi 5

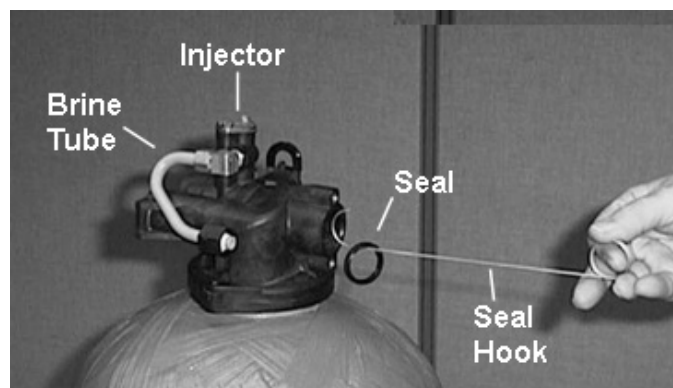
NOTE: Photos shown are for reference only for replacing the seal and spacer. Actual valve may be different.

1. Disconnect the power to the unit. (See Figure 6).
2. Remove the back plate from the unit. (See Figure 7).
3. Disconnect the line to the brine valve from the injector. (See Figure 8).
4. Remove the piston from the injector. (See Figure 9).
5. Gently pull the piston out of the injector. (See Figure 10).



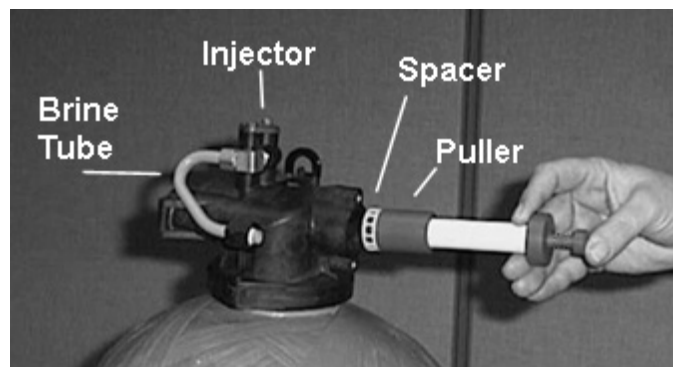
Fi 6

6. Remove the seal from the injector. (See Figure 7).



Fi 7

7. Remove the spacer from the injector. (See Figure 8).
8. Insert the puller into the injector. (See Figure 9).
9. Gently pull the piston out of the injector. (See Figure 10).



Fi 8

9. A new seal and spacer should be installed. (See Figure 10).
10. Reinstall the back plate. (See Figure 11).

CONTINUED

Injector

Spacer

Stuffer

Brine Tube

[illegible][illegible]

GENERAL SERVICE HINTS FOR METER CONTROL

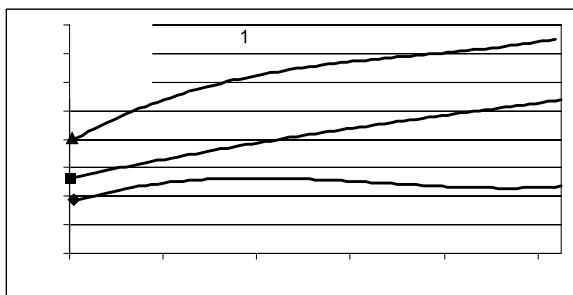
Reason: $\frac{1}{2} \times 100 = 50$ | $\frac{1}{2} \times 100 = 50$
Correction: C $\frac{1}{2} \times 100 = 50$ | $\frac{1}{2} \times 100 = 50$

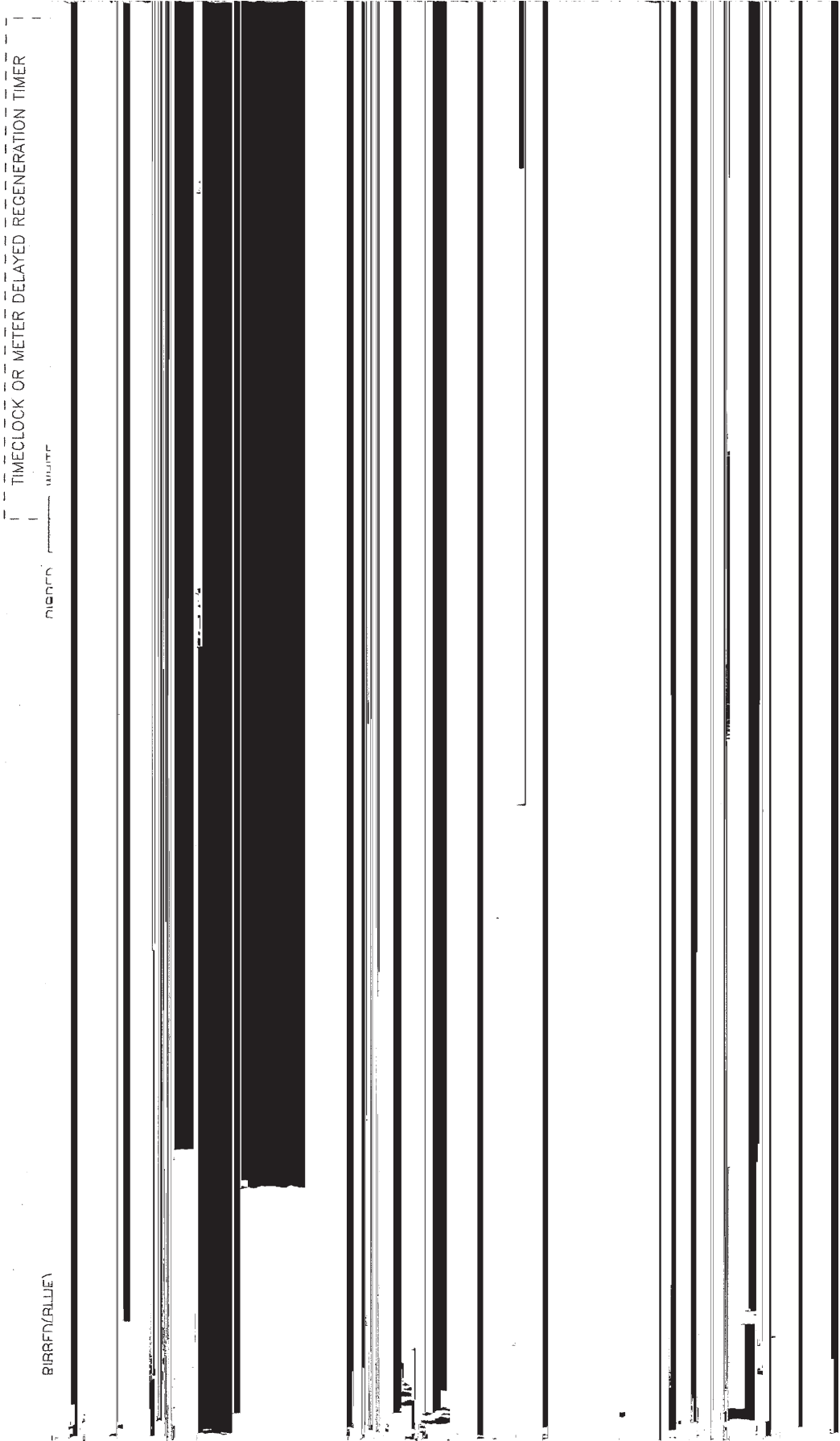
Reason: M
Correction: C

TROUBLESHOOTING

Problem	Cause	Correction
No sound	Electrical connection is not correct	Adjust electrical connection (see page 10)
	Volume is too low	Adjust volume
	Power is off	Turn on power
Headset not working	Battery is not fully charged	Charge battery
	No headset is connected	Connect headset to the device
	Headset is not fully charged	Charge headset
	Headset is not connected correctly	Connect headset correctly
	Headset is not fully charged	Charge headset
	Headset is not connected correctly	Connect headset correctly
	Headset is not fully charged	Charge headset
Microphone not working	Microphone is not connected correctly	Connect microphone correctly
	Microphone is not fully charged	Charge microphone
Low battery	Battery is not fully charged	Charge battery
	Battery is not connected correctly	Connect battery correctly
	Battery is not fully charged	Charge battery
Low volume	Volume is too low	Adjust volume
	Volume is not connected correctly	Connect volume correctly
Low battery	Microphone is not connected correctly	Connect microphone correctly
	Microphone is not fully charged	Charge microphone
No sound	Volume is too low	Adjust volume
	Volume is not connected correctly	Connect volume correctly
	Volume is not fully charged	Charge volume
	Volume is not connected correctly	Connect volume correctly
	Volume is not fully charged	Charge volume
	Volume is not connected correctly	Connect volume correctly
Microphone not working	Microphone is not connected correctly	Connect microphone correctly
	Microphone is not fully charged	Charge microphone
	Microphone is not connected correctly	Connect microphone correctly
Low battery	Battery is not fully charged	Charge battery
	Battery is not connected correctly	Connect battery correctly
	Battery is not fully charged	Charge battery
Low volume	Volume is too low	Adjust volume
	Volume is not connected correctly	Connect volume correctly
	Volume is not fully charged	Charge volume

FLOW DATA & INJECTOR DRAW RATES





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
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Clamp

60503	Clamp Ring Assembly, 2510
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Coupling

60510	Adapter Coupling Assy, 5600
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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
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Injectors

60480-xx	1600 Injector Assy (Specify size of Injector)
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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, NHWPB
60101-02	Piston Conversion, 2510 NHWPB 1600
60101-00	Piston Kit, 2510 NHWPB Filter

Program 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

