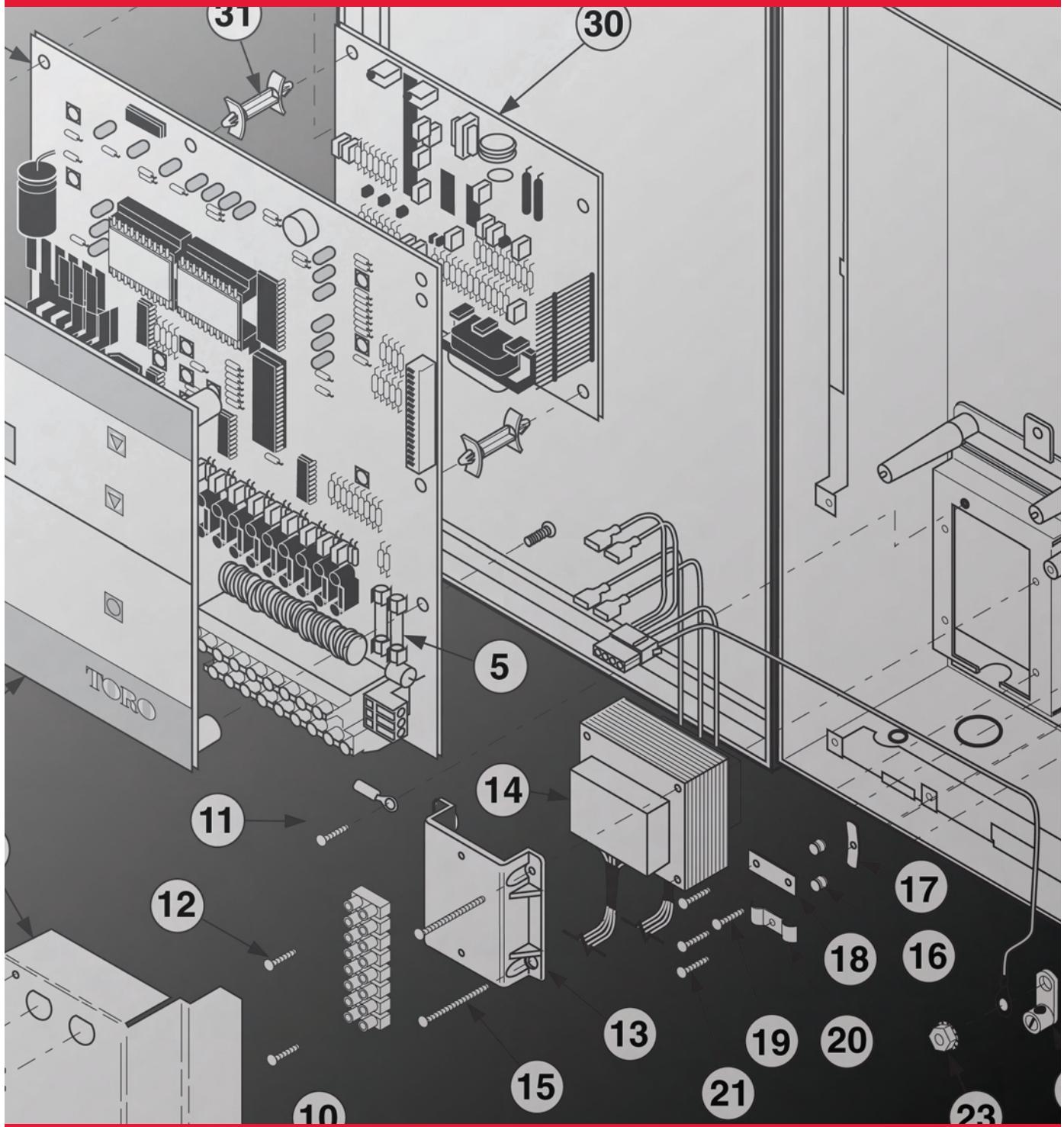


TORO[®]

Count on it.



**2007 Irrigation Products
Illustrated Parts Breakout**

GENERAL INFORMATION

Please note the following usage guidelines:

- When dashes (- - - -) are shown in place of a part number, the part is either not available for sale or not sold separately. Refer to the accompanying Service Items listing for availability.
- An asterisk (*) preceding a part number indicates the item is only available through the Toro Finished Goods Distribution System and must be ordered accordingly.
- This book is updated annually. The published part numbers and descriptions are subject to change. If changes and/or corrections are required, the updated information will be made available through the Toro Distributor Operations Bulletin and/or Tech Tip communications.
- Common abbreviations used within this publication:

A	= Ampere	NO	= Normally Open (Micro Switch)
Amp	= Ampere	NPT	= National Pipe Thread
Assy.	= Assembly	PC	= Part Circle
ADJ	= Adjustable	Pot.	= Potentiometer
B	= Barbed	PV	= Pilot Valve
BSP	= British Standard Pipe	PHPH	= Pan Head Phillips Head
COM	= Check-O-Matic	PHFH	= Pan Head Fillister Head
CR	= Contamination Resistant	PT	= Pin Type (Hydraulic)
CSA	= Canadian Standards Association	PR	= Pressure Regulated
EL	= Electric	Prog.	= Program
Elec	= Electric	RC	= Rubber Cover
Exp	= Export	RPD	= Revolutions Per Day
F	= Female	RPM	= Revolutions Per Minute
FC	= Full Circle (Sprinkler)	S	= Slip
FC	= Flow Control (Valve)	SST	= Stainless Steel
GPM	= Gallons Per Minute	SI	= Side Inlet
Hyd.	= Hydraulic	Svc	= Service
Hz	= Hertz	TM	= Timing Mechanism
in.	= Inch	V	= Volts
Int.	= Internal	V a.c.	= Volts Alternating Current
Int. T	= Internal Tooth	V d.c.	= Volts Direct Current
L/	= Less	VA	= Volt Amps
lbs.	= Pounds	VIH	= Valve In Head
M	= Male	w/	= with
M/F	= Male/Female	w/o	= without
N/I	= Not Indicated	"	= Inches
NC	= Normally Closed (Hydraulic)	'	= Feet
NC	= Normally Closed (Micro Switch)		
NO	= Normally Open (Hydraulic)		

TABLE OF CONTENTS

Residential/Commercial Sprinklers

570 Series

570Z-2P, -3P & -4P, 570Z-PRX-4P & 570Z-XF-4P	1
570Z-6P, 570Z-6P-SI, 570Z-PRX-6P & 570Z-XF-6P	2
570Z-12P, 570Z-12P-SI, 570Z-PRX-12P & 570Z-XF-12P... 3	
570Z Nozzles	4-5

300 Series Stream Rotor

Shrub	6
Lawn	7
High-pop	8
300/340 Nozzles and Arc Disc Components.....	9

340 Series Stream Rotor

Shrub	10
Lawn	11
High-pop	12

XP-300 Series

Shrub	13
Lawn	14
High-pop	15

Super 600® Series

670 Series	70-71
------------------	-------

Super 700 Series

Shrub	17
Lawn	18
Commercial	19
High-pop	20
Super 700 Nozzles	21

V-1550 Series

Shrub	22
V-1550-4	23
V-1550-12	24

TR50 Series

Shrub	25
Lawn	26
High-pop	27

TR50XT Series

Shrub	28
Lawn	29
High-pop	30

TR70P & TR70XT

690 Series	72-73
------------------	-------

640 Series

Golf Sprinkler Body, 1 Inch	74-75
-----------------------------------	-------

2001™ Series

Golf Sprinkler Body, 1 Inch, 800S	76-77
---	-------

S2001™ Series

Golf Sprinkler Body, 1.5 Inch	78-79
-------------------------------------	-------

Large Turf Sprinklers

Golf Sprinkler Body, 1.5 Inch, 800S	80-81
---	-------

720 Series

Pilot Valve	82
-------------------	----

720 Series Conversion Assembly

Pilot Valve, Adjustable Pressure	83
--	----

720G

Valves	
---------------	--

710G	43
------------	----

EZ-Flo™ Plus Series Valves	
-----------------------------------	--

810G	44
------------	----

1 Inch Male

1 Inch Female.....	87
--------------------	----

830S Series	46-49
-------------------	-------

1 Inch Angle.....	88
-------------------	----

850S Series	50-53
-------------------	-------

3/4 Inch and 1 Inch AVB.....	89
------------------------------	----

860S Series	54-55
-------------------	-------

880S Series	56-57
-------------------	-------

730 Series

264 Series Plastic Valves

750 Series	58-59
------------------	-------

3/4 Inch	90
----------------	----

760 Series	60-61
------------------	-------

1 Inch	91
--------------	----

650 Series

254 Series Plastic Valves, 1 Inch	92
--	----

770 Series	64-65
------------------	-------

250 Series Plastic Valves, 1 Inch	93
--	----

780 Series

260 Series Plastic Valves, 1 Inch	94
--	----

780 Series Conversion Assembly	66-67
--------------------------------------	-------

252 Series Plastic Valves	
----------------------------------	--

1 Inch	95
--------------	----

1.5 Inch	96-97
----------------	-------

2 Inch	98-99
--------------	-------

P-220 Series Plastic Valves

1 Inch	100
--------------	-----

1.5 Inch	101
----------------	-----

2 Inch	102
--------------	-----

3 Inch	103
--------------	-----

220 Series Brass Valves

1 Inch	104-105
--------------	---------

1.25 Inch & 1.5 Inch	106-107
----------------------------	---------

2 Inch	108-109
--------------	---------

2.5 Inch & 3 Inch	110
-------------------------	-----

Flo-Pro® Series Valves

3/4 & 1 Inch AVB	111
------------------------	-----

1 Inch Female	112
---------------------	-----

1 Inch Male	113
-------------------	-----

1 Inch Angle	114
--------------------	-----

1 Inch Globe	115
--------------------	-----

216 Series Brass Valves

1 Inch	116-117
--------------	---------

1.25 Inch & 1.5 Inch	118-119
----------------------------	---------

2 Inch	120-121
--------------	---------

2.5 Inch & 3 Inch	122-123
-------------------------	---------

Pressure Regulator

124

2-way Pilot Valve, 284-60-00

125

Manual Actuator, 286-61-01

126

3-way Actuator

286-66-01	127
-----------------	-----

286-68-00	128
-----------------	-----

Electric-Hydraulic Converter

129

Pressure Vacuum Breaker

3/4 Inch 80-0550 and 1 Inch 80-0560	130-131
---	---------

Flow Gauge

132

TABLE OF CONTENTS

Residential/Commercial Controllers

TIS-612 – Indoor Controller	134
TIS-612 – Outdoor Controller	135
TIS-240 – Outdoor Controller	136
TMC-424 – 4 through 24 Stations, Modular	137
TMC-212 – Indoor Controller	138
TMC-212 – Outdoor & Outdoor High Surge Controller	139
GreenKeeper® 212 – Indoor Controller	140
GreenKeeper® 212 – Outdoor Controller	141
Turf Pro™ Indoor Cabinet	142
Turf Pro™ Outdoor Cabinet	143
CC-P9–P24, Custom Command™ 9–24 Station Models	
Plastic Cabinet	144
Metal Cabinet	145
CC-M36 & M48, Custom Command™ 36 & 48	146
Sentinel™	
Sentinel Central Control System	147
Sentinel Satellite, Wall-mount Cabinet	148
Sentinel Satellite, Pedestal-mount Cabinet	149
Sentinel Remote Transceiver	150
Sentinel Map To Assembly, Wall-mount Cabinet	151
Sentinel Map To Assembly, Pedestal-mount Cabinet	152
Vision®	
Vision I – Old-style Cabinet	154–155
Vision I – New-style Plastic Cabinet	156–157
Vision II – Old-style Cabinet	158–159
Vision II – New-style Plastic Cabinet	160–161
Vision II – Metal Cabinet	162–163
Vision II Plus – Plastic Cabinet	164
Vision II Plus – Metal Cabinet	165
XF-416™	166
Custom II 8 & 12	
Electric	168–169
Hydraulic	170–172
Timing Mechanism	174–175
C8+1™/C12+1™/C16+2™/C24+2™	
C8+1/C12+1 Electric	176–177
C8+1/C12+1 Hydraulic	178–179
C16+2/C24+2	180–181
C8+1/C12+1 Timing Mechanism	182–183
Monitor® II	
Wall Mount Cabinet	184–186
Pedestal Cabinet (Export)	188–189
Pedestal Cabinet (Domestic)	190–191
Timing Mechanism	192–195
Selector Valve Assembly	
11- & 23-Station Pedestal Cabinet	196
11-Station Wall Mount Cabinet	197
Freetime®	
4-Station Electric	198
4-Station Hydraulic	199
4-Station Timing Mechanism	200–201
Golf Controllers	
SitePro® Field Interface Unit	204–205
TouchNet™ for OSMAC®	206
TouchNet™ for Network LTC® Plus	207
GDC – Stand-Alone & PC Models, 2-Wire Dec.....	208–209
Network VP® Satellite	
Pedestal & Internal Components	210–212
Power Supply Assembly	213 ii

Network 8000® Satellite, Plastic Cabinet

Internal Components	214–215
24V Output Assembly	216–217
AC/DC Power Supply Assembly	218–219
Power Supply Assembly	220–221

Network 8000® Satellite, Metal Cabinet

Large Metal Cabinet	222–225
Small Metal Cabinet	226–229
Control Panel Assembly	230

Note: The Network 8000 Monitor Control Unit (MCU) and Phone Link Concentrator (PLC) are not shown separately. See pp. 215 and 220 for available service items.

Network DR 2™ Satellite

Metal Cabinet (Late Model)	232–233
Plastic Cabinet	234–235
Metal Cabinet (Early Model)	236–237

Network LTC® Satellite

Version 1.0, Wall Mount Cabinet	238–239
Version 1.0, Taper Top	240–241
Version 2.0, Metal Cabinet	242–243
Version 2.0, Plastic Cabinet	244–245
Version 2.0, Power Supply	246–247

Network LTC® Plus Satellite

Common Internal Components	248–249
Metal Cabinet Components	250
Power Supply (Early Model)	252
Power Supply (Late Model and E-Series OSMAC)	253

E-Series™ OSMAC® Satellite, Narrow-band

Plastic Cabinet	254
Metal Cabinet	255
Field Interface Components	256

E-Series™ OSMAC® Satellite, Wide-band

Plastic Cabinet	257
Metal Cabinet	258
Field Interface Components	259

OSMAC® Satellite

Small Metal Pedestal Cabinet, Electric	260–261
Small Metal Pedestal Cabinet, Hydraulic	262–263
Large Metal Pedestal Cabinet, Electric	264–265
Large Metal Pedestal Cabinet, Hydraulic	266–267
Plastic Pedestal Cabinet, Electric	268–269
Plastic Pedestal Cabinet, Hydraulic	270–271

OSMAC® RDR Unit, Power Supply Assembly

272–273

OSMAC® RDR Unit, Model RDR0160LVNO

274

OSMAC® RDR Unit, Model RDR0160LVCE

275

Plastic Satellite Pedestal, 2006 & Previous Models

276

Plastic Satellite Pedestal, 2006 & Newer Models

277

Vari-Time® II /Vari-Time® 4000 Satellite

VT II Satellite, Pedestal Cabinet, Electric	278–279
VT II Satellite, Pedestal Cabinet, Hydraulic	280–281
VT 4000 Satellite, Pedestal Cabinet, Electric	282–283
VT 4000 Satellite, Pedestal Cabinet, Hydraulic	284–285
VT 4000 Satellite, Wall Mount Cabinet	286–287
VT II/VT 4000 Timing Mechanism	288–289

Vari-Time® II Central

Central	290–291
Front Panel Assembly	292–293
Central/Syringe Timing Mechanism	294–295
Surge Protection Unit (SPU)	296

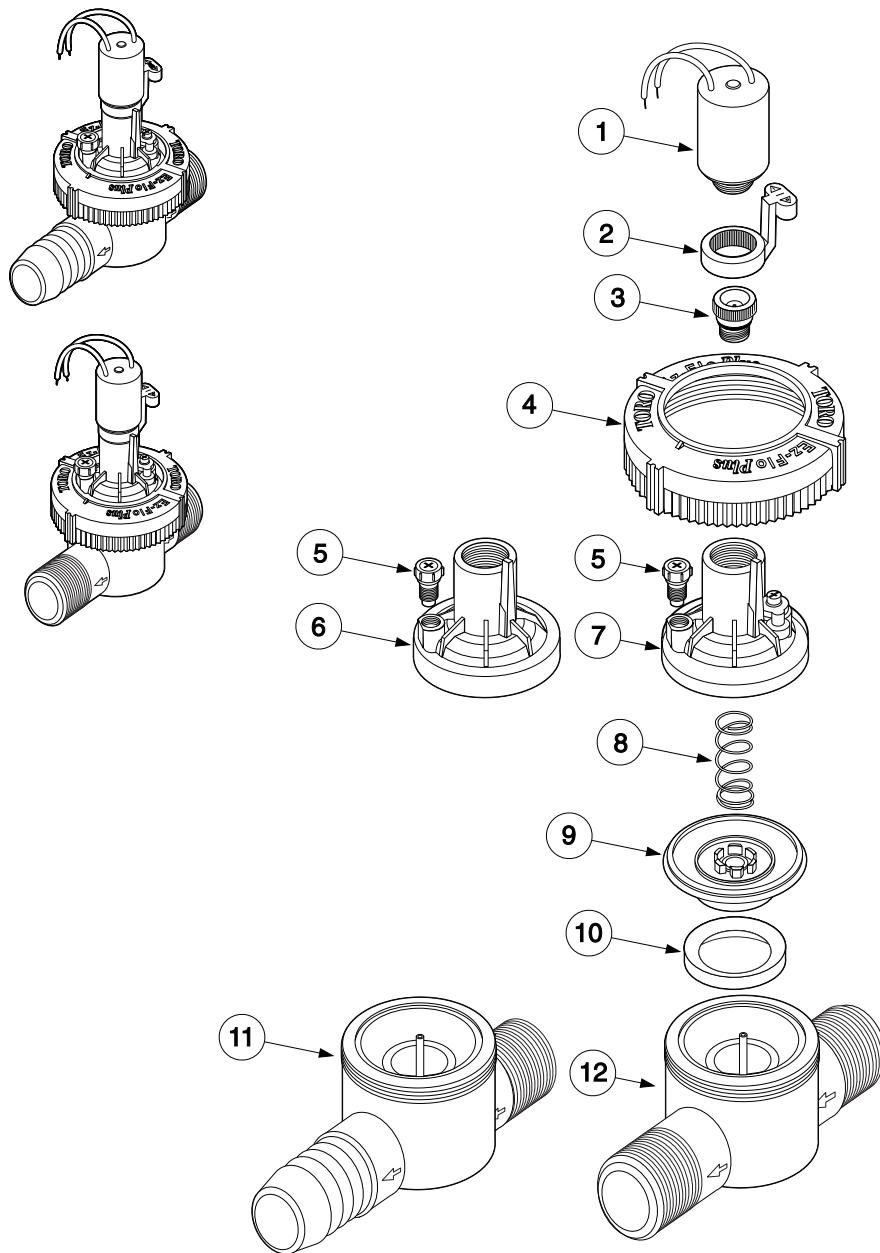
Vari-Time® 4000 Central

Central	297
Central Timing Mechanism	298
Syringe Timing Mechanism	299

V A L V E S

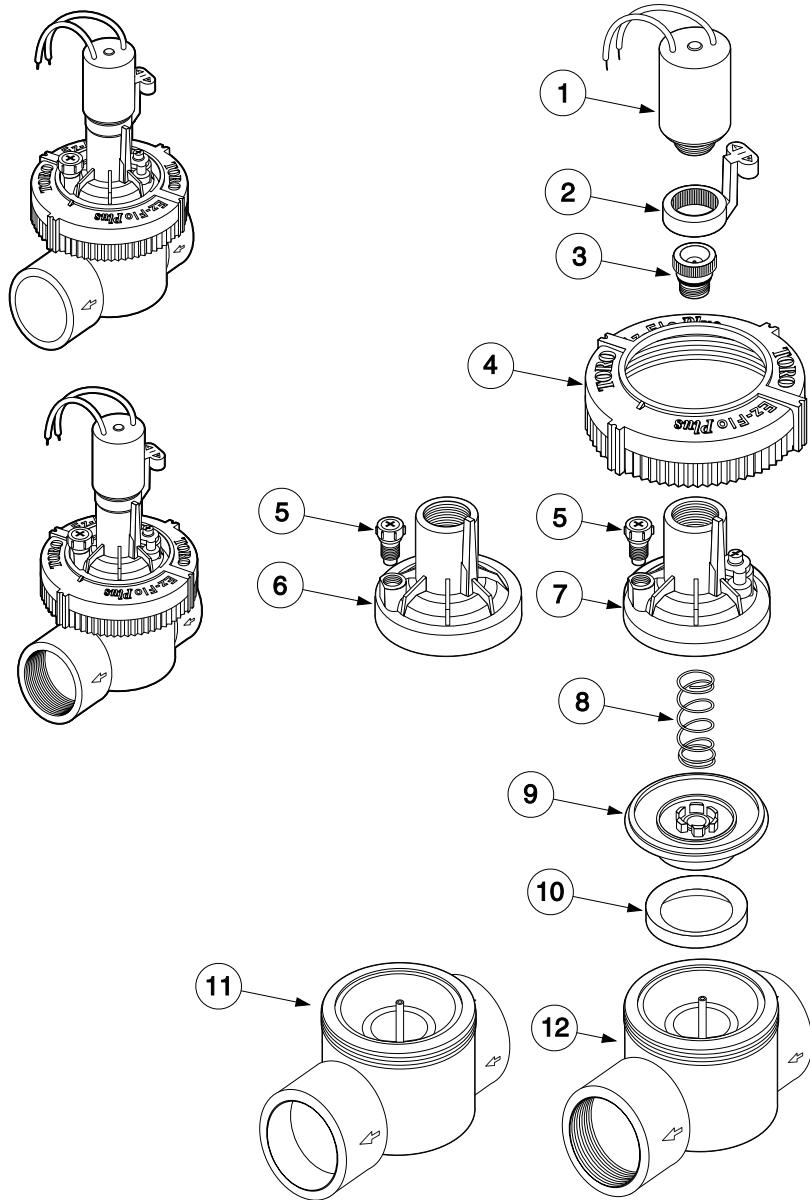
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EZ-Flo Plus Series, 1 Inch Male



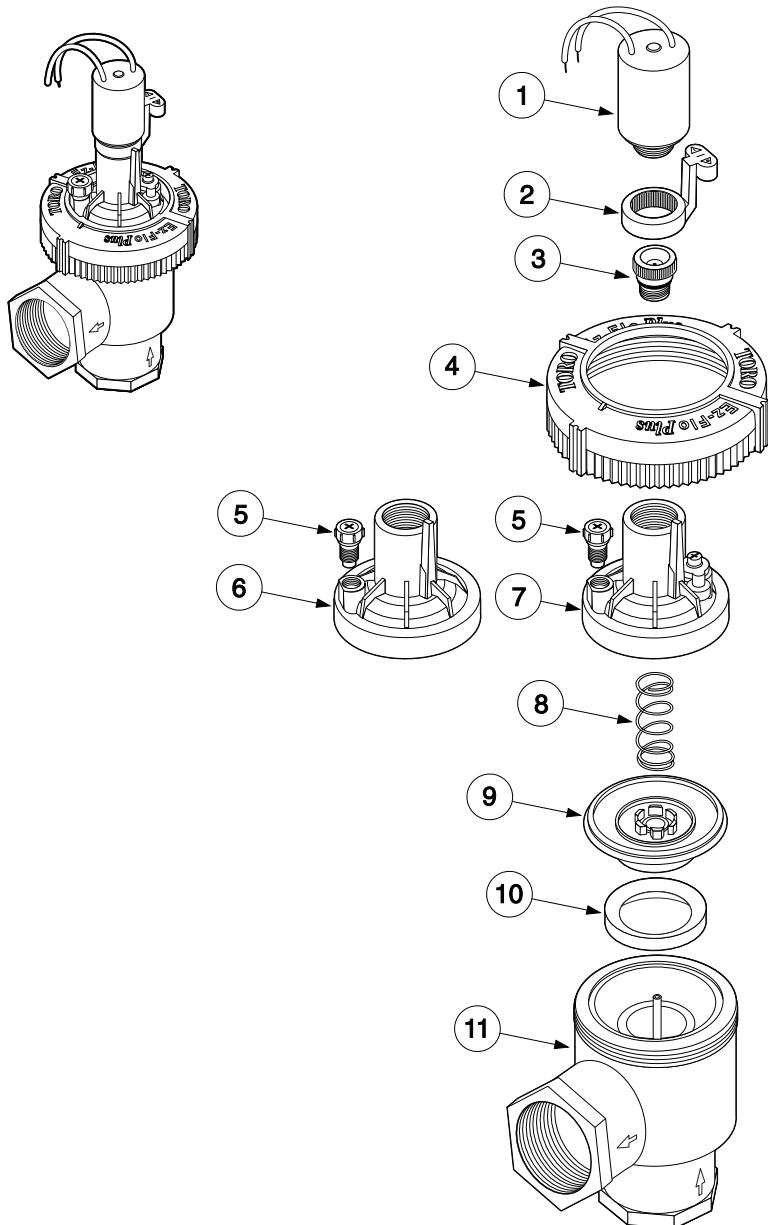
Item No.	Part No.	Description	Quantity Per Assy.
1	102-0842	Solenoid Assy., 24 V a.c., 60 Hz	1
2	1081501	Handle, Bleed Plug	1
3	102-5593	Bleed Plug Assy., New	1
4	102-1717	Cover Nut	1
5	1081401	External Bleed Screw	1
6	512203	Cover Assy. (w/o Flow Control)	1
7	102-5618	Cover Assy. (Flow Control Models)	1
8	204A-37	Spring	1
9	138802	Diaphragm Assy.	1
10	1116602	Divider	1
11	-----	Body Assy., 1", M x B, NPT	1
12	-----	Body Assy., 1", M x M, NPT	1

EZ-Flo Plus Series, 1 Inch Female



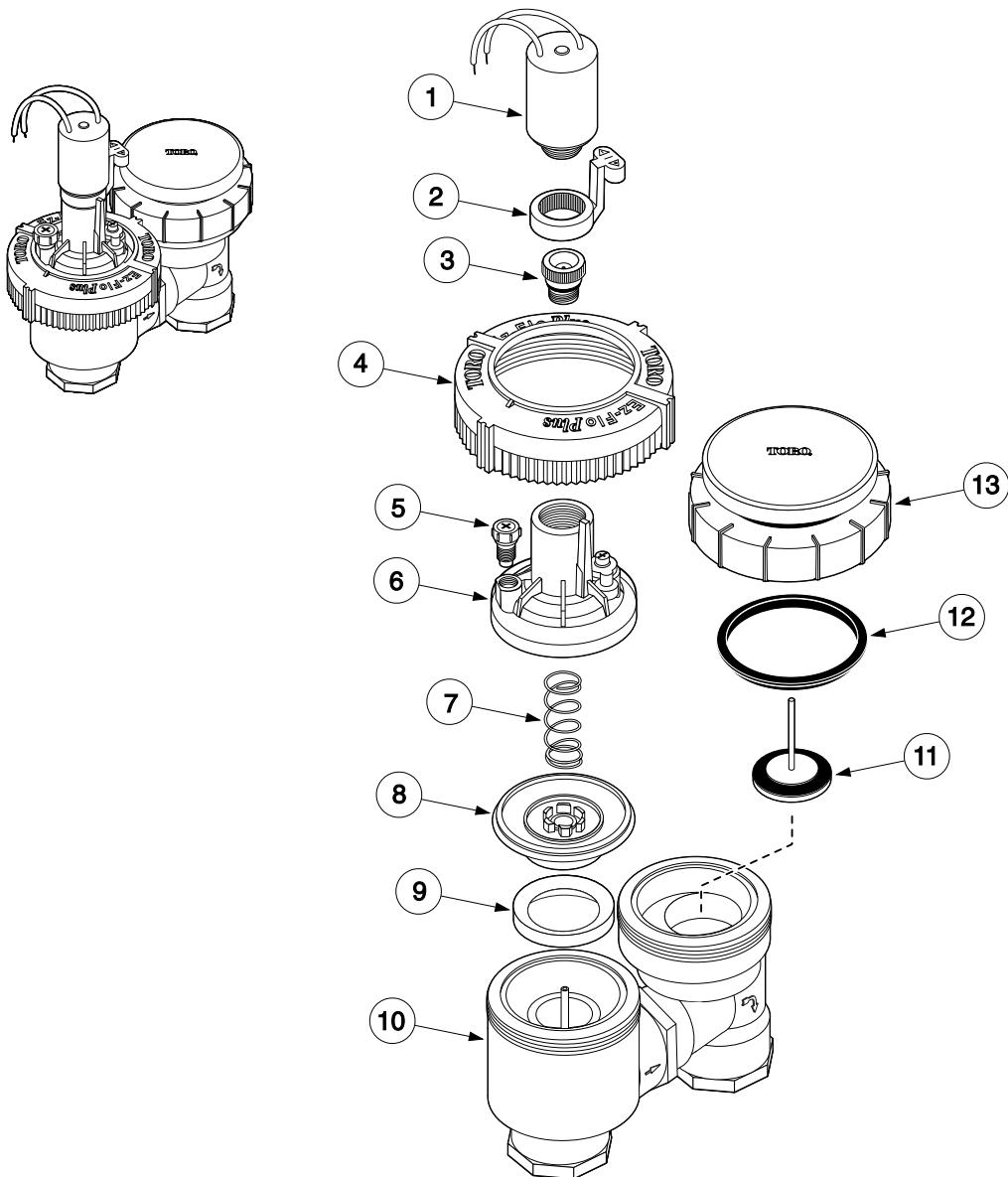
Item No.	Part No.	Description	Quantity Per Assy.
1	102-0842	Solenoid Assy., 24 V a.c., 60 Hz	1
2	1081501	Handle, Bleed Plug	1
3	102-5593	Bleed Plug Assy., New	1
4	102-1717	Cover Nut	1
5	1081401	External Bleed Screw	1
6	512203	Cover Assy. (w/o Flow Control)	1
7	102-5618	Cover Assy. (Flow Control Models)	1
8	204A-37	Spring	1
9	138802	Diaphragm Assy.	1
10	1116602	Divider	1
11	-----	Body Assy., 1", F x F, Slip	1
12	-----	Body Assy., 1", F x F, NPT	1

EZ-Flo Plus Series, 1 Inch Angle



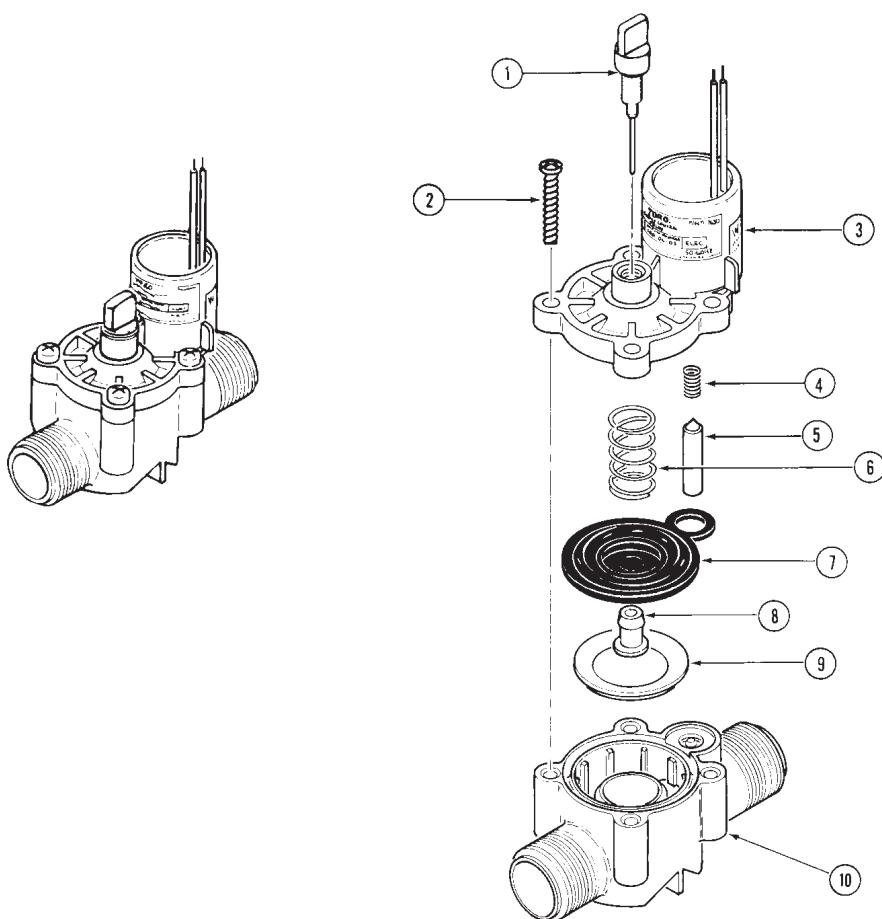
Item No.	Part No.	Description	Quantity Per Assy.
1	102-0842	Solenoid Assy., 24 V a.c., 60 Hz	1
2	1081501	Handle, Bleed Plug	1
3	102-5593	Bleed Plug Assy., New	1
4	102-1717	Cover Nut	1
5	1081401	External Bleed Screw	1
6	512203	Cover Assy. (w/o Flow Control)	1
7	102-5618	Cover Assy. (Flow Control Models)	1
8	204A-37	Spring	1
9	138802	Diaphragm Assy.	1
10	1116602	Divider	1
11	-----	Body Assy., 1", F x F, NPT	1

EZ-Flo Plus AVB Series, 3/4 Inch and 1 Inch



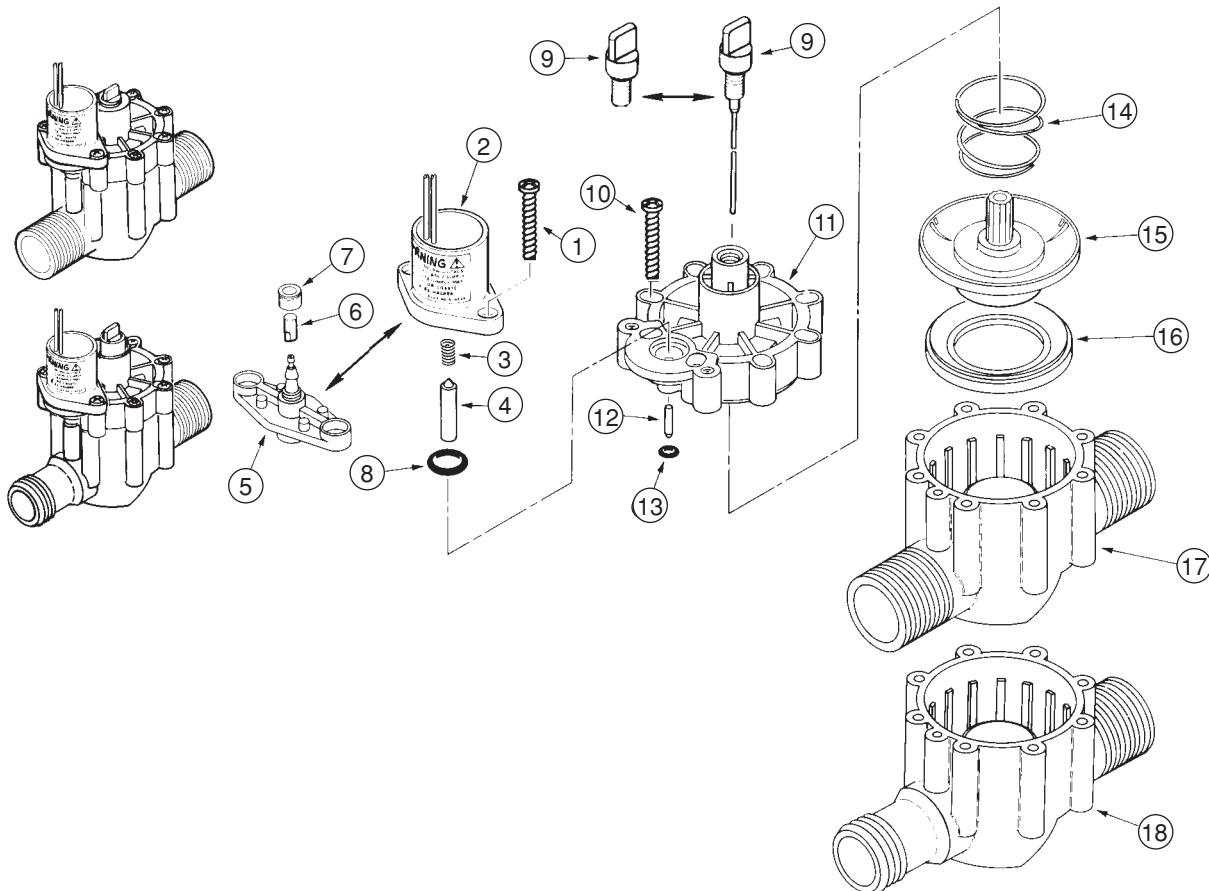
Item No.	Part No.	Description	Quantity Per Assy.
1	102-0842	Solenoid Assy., 24 V a.c., 60 Hz	1
2	1081501	Handle, Bleed Plug	1
3	102-1197	Bleed Plug Assy., New	1
4	102-1717	Cover Nut	1
5	1081401	External Bleed Screw	1
6	102-5618	Cover Assy.	1
7	204A-37	Spring	1
8	138802	Diaphragm Assy.	1
9	1116602	Divider	1
10	- - - -	Body Assy, 3/4", NPT	1
10	- - - -	Body Assy, 1", NPT	1
11	1088001	Stem Assy., 3/4"	1
11	1018601	Stem Assy., 1"	1
12	595901	Seal, Anti-Siphon Cover, 3/4"	1
12	655401	Seal, Anti-Siphon Cover, 1"	1
13	217107-H	Shield/Cover Assy., 3/4"	1
13	519111	Shield/Cover Assy., 1"	1

264 Series, 3/4 Inch



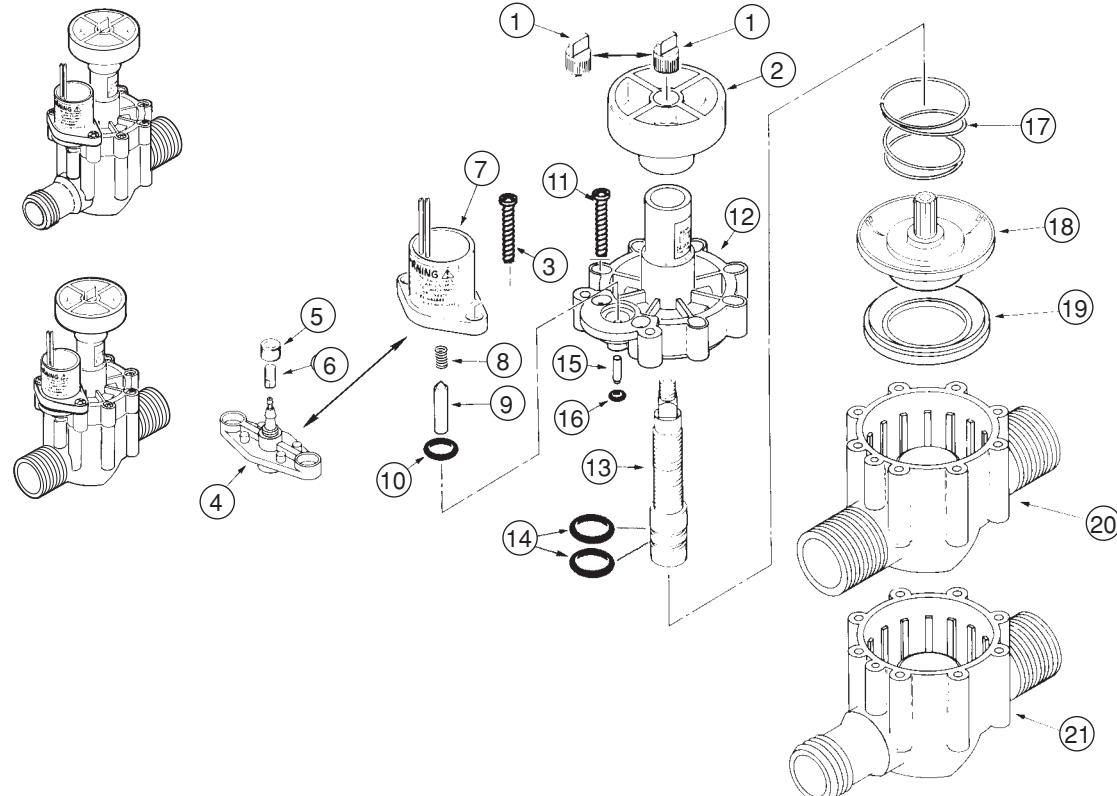
Item No.	Part No.	Description	Quantity Per Assy.
1	35-4889	Bleed Screw Assy. with Pin	1
2	363-1493	Screw, #10 x 1"	4
3	9-7413	Cap Assy.	1
4	9-6148	Spring, Plunger, Solenoid	1
5	9-6527	Plunger Assy.	1
6	9-7619	Spring, Diaphragm	1
7	35-8941	Diaphragm Assy. (Includes Item 8)	1
8	-----	Plug, Metering, Diaphragm	1
9	9-7835	Support, Diaphragm	1
10	9-7992	Body, Valve	1

264 Series, 1 Inch



Item No.	Part No.	Description	Quantity Per Assy.
1	363-1493	Screw, #10 x 1"	2
2	- - - - -	Solenoid Assy., EL (See Service Item 89-0878)	1
3	9-6148	Spring, Plunger, Solenoid, EL	1
4	9-6527	Plunger Assy., EL	1
5	35-3776	Adapter Assy., NO	1
6	89-8157	Cap, 1/4", Poly, NO	1
7	*900-40	Retainer, Tube, NO	1
8	2-9652	O-Ring, 7/16" x 5/8", NO	1
9	35-2673	Bleed Screw, NO	1
9	35-2941	Bleed Screw Assy., EL, Fast-closing	1
10	363-4007	Screw, #10 x 1.25"	8
11	9-8313	Cap Assy., EL	1
11	9-7291	Cap Assy., NO	1
12	3-2016	Shaft, Idler, Lower, NO	1
13	1-2035	O-Ring, 0.070" x 0.114" x 0.254"	1
14	9-7110	Spring, Diaphragm	1
15	35-2824	Diaphragm Assy., 1", EL	1
15	35-2943	Diaphragm Assy., 1", NO Hyd	1
16	9-6331	Support, Diaphragm	1
17	9-8311	Body, M x M, 1", NPT	1
18	35-1772	Body, M x B, 1", NPT	1
SERVICE ITEMS			
	89-0878	Solenoid & Plunger Assy., EL (Includes Items 2-4)	
	35-9354	Bleed Screw Assy., EL, Slow-closing	
	* Order Through Finished Goods Distribution System—Minneapolis		

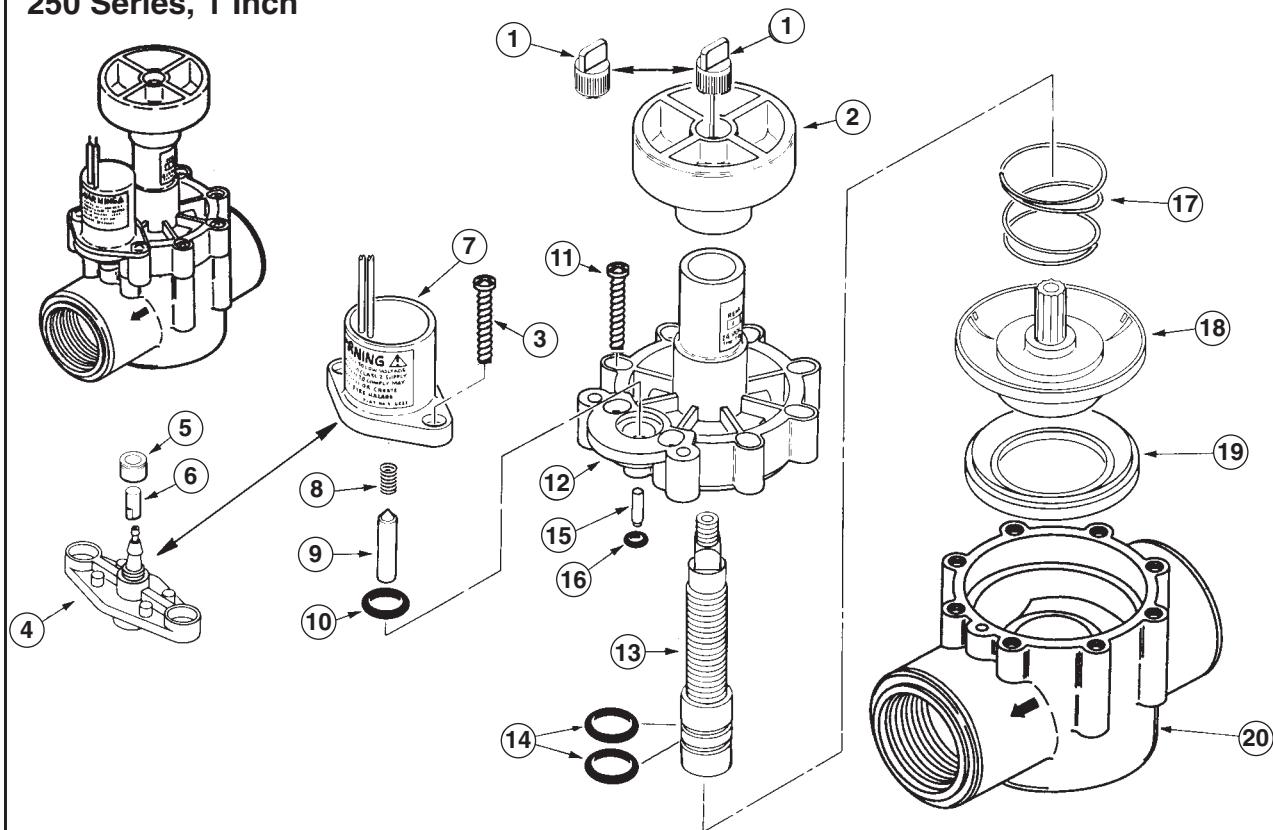
254 Series, 1 Inch



Item No.	Part No.	Description	Quantity Per Assy.
1	35-4521	Bleed Cap Assy., Fast-closing	1
1	35-1748	Bleed Cap, NO	1
2	35-3777	Knob, Handle, Cross	1
3	363-1493	Screw, #10 x 1"	2
4	35-3776	Adapter Assy., NO	1
5	*900-40	Retainer, Tube, NO	1
6	89-8157	Cap, Poly, NO	1
7	- - - - -	Solenoid Assy., EL (See Service Item 89-0878)	1
8	9-6148	Spring, Plunger, Solenoid, EL	1
9	9-6527	Plunger Assy.	1
10	2-9652	O-Ring, 7/16" x 5/8"	1
11	363-4007	Screw, #10 x 1.25"	8
12	- - - - -	Cap, Valve, w/FC, EL, Fast-closing (See Service Item 9-8182)	1
12	- - - - -	Cap Assy. w/FC, NO (See Service Item 35-0767)	1
13	35-1983	Stem, Flow Control	1
14	360-0220	O-Ring, 0.070" x 0.551" x 0.691"	2
15	3-2016	Shaft, Idler, Lower, NO	1
16	1-2035	O-Ring, 0.070" x 0.114" x 0.254"	1
17	9-7110	Spring, Diaphragm, NO	1
18	35-2943	Diaphragm Assy., 1", NO	1
18	35-2824	Diaphragm Assy., 1", EL	1
19	9-6331	Support, Diaphragm	1
20	9-8311	Body Assy., M x M, 1"	1
21	35-1772	Body Assy., M x B, 1"	1
SERVICE ITEMS			
	89-0878	Solenoid & Plunger Assy., EL (Includes Items 7-9)	
	35-0767	Cap Assy., w/Flow Control, NO (Includes Items 12-14)	
	35-9346	Bleed Cap Assy., w/Pin, EL	
	9-8182	Cap, Valve, w/FC, EL, (Includes Items 12-14)	

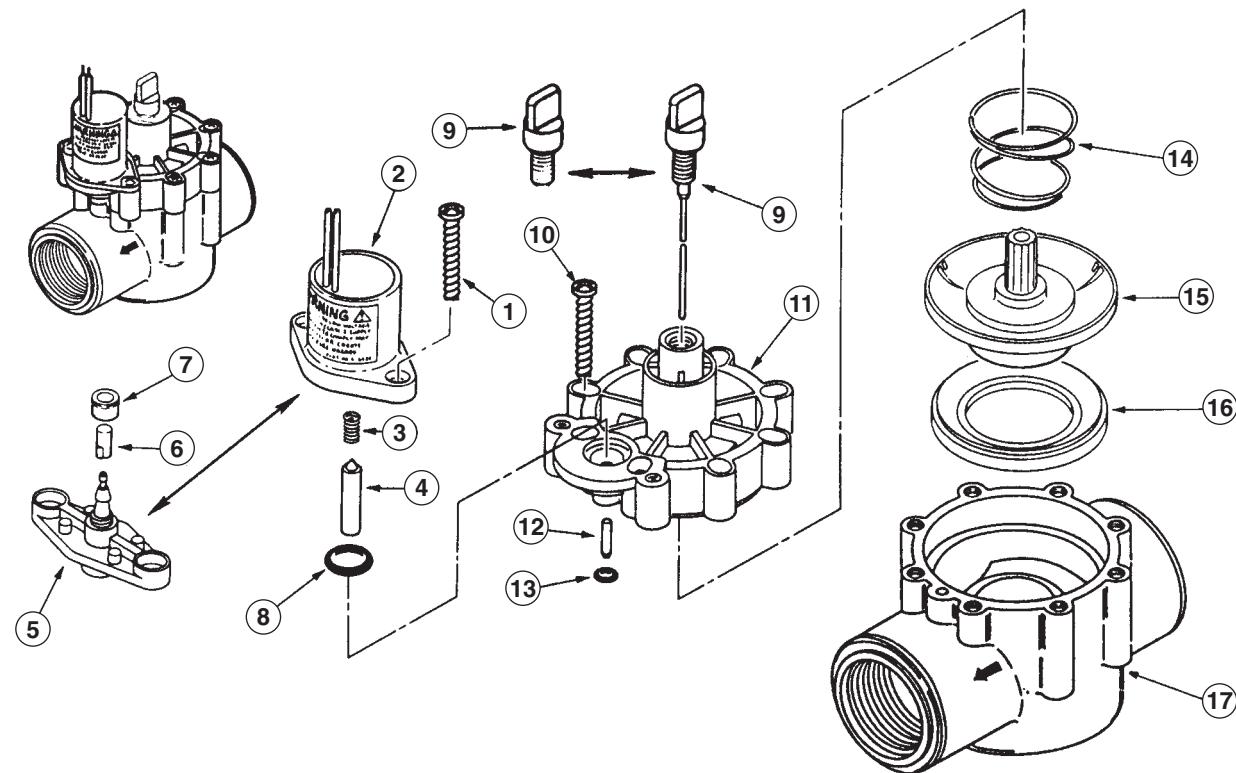
* Order Through Finished Goods Distribution System—Minneapolis

250 Series, 1 Inch



Item No.	Part No.	Description	Quantity Per Assy.
1	35-4521	Bleed Cap Assy. w/Pin, EL, Fast-closing	1
1	35-1748	Bleed Cap, NO & PT	1
1	89-7855	Bleed Cap, Effluent	1
2	35-3777	Knob, Handle, Cross	1
3	363-1493	Screw, #10 x 1"	2
4	35-3776	Adapter, NO & PT	1
5	*900-40	Retainer, Tube, NO & PT	1
6	89-8157	Cap, Poly, NO & PT	1
7	-----	Solenoid Assy., EL (See Service Item 89-0878)	1
8	9-6148	Spring, Plunger, Solenoid, EL	1
9	9-6527	Plunger Assy., EL	1
10	2-9652	O-Ring, 7/16" x 5/8"	1
11	363-1493	Screw, #10 x 1"	8
12	-----	Cap Assy., EL (See Service Item 9-8182)	1
12	-----	Cap Assy., NO & PT (See Service Item 35-0767)	1
13	35-1983	Stem, Flow Control	1
14	360-0220	O-Ring, 0.070" x 0.551" x 0.691"	2
15	3-2016	Shaft, Idler, Lower, NO & PT	1
16	1-2035	O-Ring, 0.070" x 0.114" x 0.254"	1
17	9-4425	Spring, Diaphragm, PT	1
17	9-7110	Spring, Diaphragm, EL & NO	1
18	35-2943	Diaphragm Assy., 1", NO	1
18	35-2824	Diaphragm Assy., 1", EL	1
18	35-3655	Diaphragm Assy., 1", PT	1
19	9-6331	Support, Diaphragm	1
20	9-6809	Body Assy., In-line Globe, NPT	1
20	35-1970	Body Assy., In-line Globe, BSP	1
SERVICE ITEMS			
	89-0878	Solenoid & Plunger Assy., EL (Includes Items 7-9)	
	35-3503	Diaphragm Assy., EL, Service Kit (230 Valves)	
	9-5197	Screen, Filter, 3/4" (Used with 35-3503 Diaphragm Assy.)	
	9-6548	Plug, Communication, Diaphragm (Used with 35-3655 Diaphragm Assy., PT)	
	9-8182	Cap Assy., (Includes Items 12-14)	
	35-0767	Cap Assy., NO & PT (Includes Items 12-14)	
	35-9346	Bleed Cap Assy., Slow-closing	
* Order Through Finished Goods Distribution System—Minneapolis			

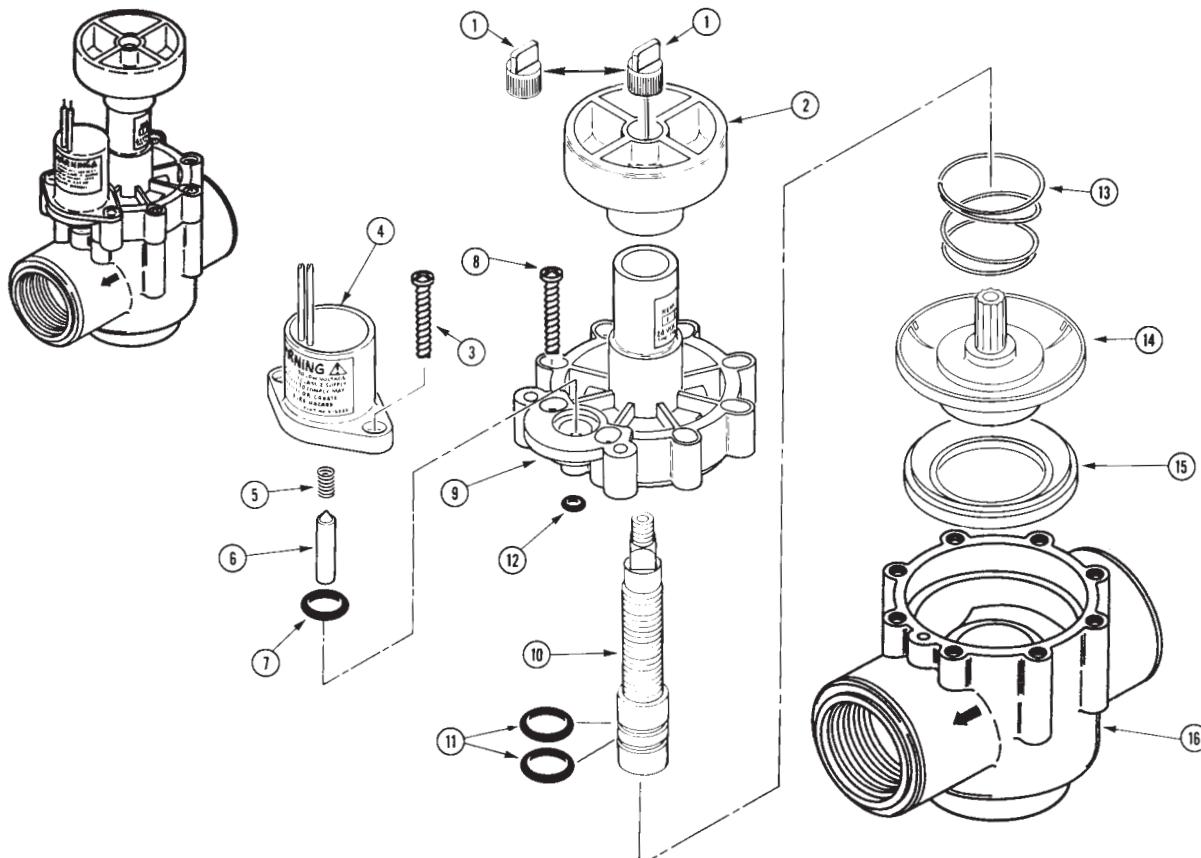
260 Series, 1 Inch



Item No.	Part No.	Description	Quantity Per Assy.
1	363-1493	Screw, #10 x 1"	2
2	- - - - -	Solenoid Assy. (See Service Item 89-0878)	1
3	9-6148	Spring, Plunger, Solenoid	1
4	9-6527	Plunger Assy.	1
5	35-3776	Adapter, NO & PT	1
6	89-8157	Cap, Poly, NO & PT	1
7	*900-40	Retainer, Tube, NO & PT.	1
8	2-9652	O-Ring, 7/16" x 5/8"	1
9	35-2941	Bleed Screw Assy. w/Pin, EL	1
9	35-2673	Bleed Screw, NO & PT	1
10	363-1493	Screw, #10 x 1"	8
11	9-8313	Cap, Valve without FC, EL	1
11	9-7291	Cap, Valve without FC, NO & PT	1
12	3-2016	Shaft, Idler, Lower, NO & PT	1
13	1-2035	O-Ring, 0.070" x 0.114" x 0.254"	1
14	9-7110	Spring, Diaphragm, EL & NO	1
14	9-4425	Spring, Diaphragm, PT.	1
15	35-2943	Diaphragm Assy., 1", NO	1
15	35-2824	Diaphragm Assy., 1", EL	1
15	35-3655	Diaphragm Assy., 1", PT	1
16	9-6331	Support, Diaphragm	1
17	9-6809	Body Assy., Globe, NPT	1
17	35-1970	Body Assy., Globe, BSP	1
SERVICE ITEMS			
	89-0878	Solenoid & Plunger Assy., EL (Includes Items 2-4)	
	35-3503	Diaphragm Assy., EL, Service Kit (230 Valves)	
	9-5197	Screen, Filter, 3/4" (Used with 35-3503 Diaphragm Assy.)	
	9-6548	Plug, Communication, Diaphragm (Used with 35-3655)	
	35-9354	Bleed Cap, Fast-closing, NO	
	9-6548	Plug, Communication, Diaphragm (Used with 35-3655)	
	35-9354	Bleed Screw Assy., w/Pin, EL, Slow-closing	

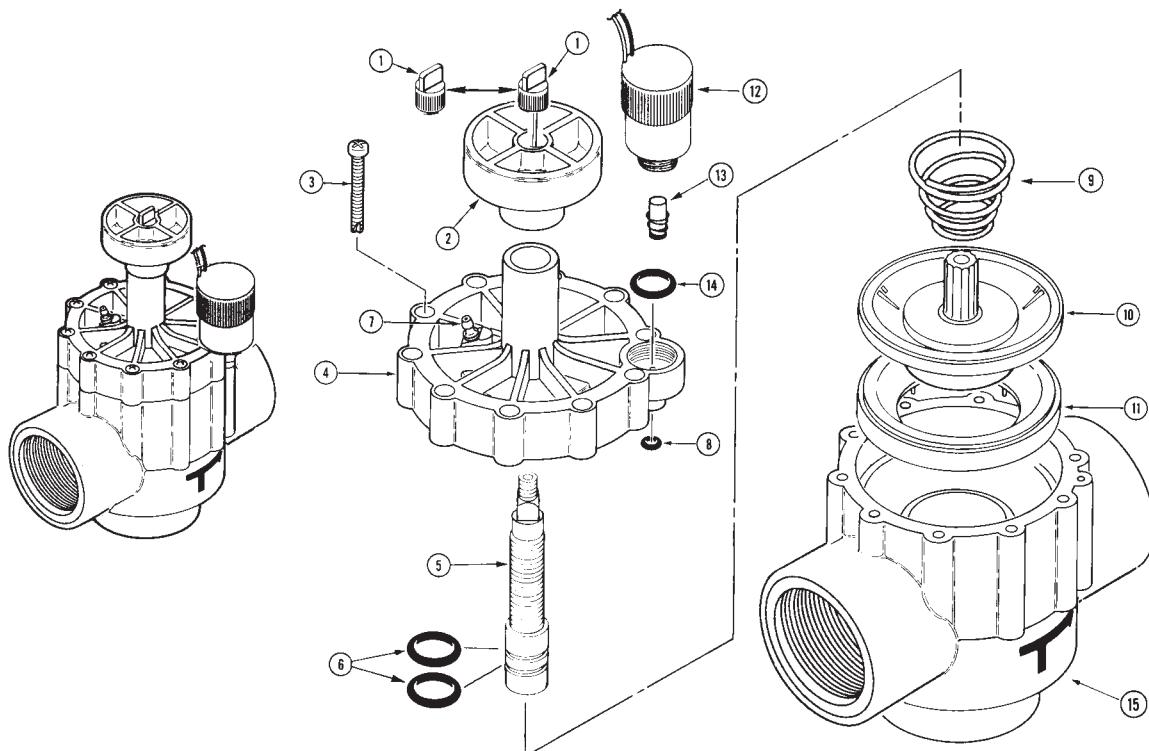
* Order Through Finished Goods Distribution System—Minneapolis

252 Series, 1 Inch



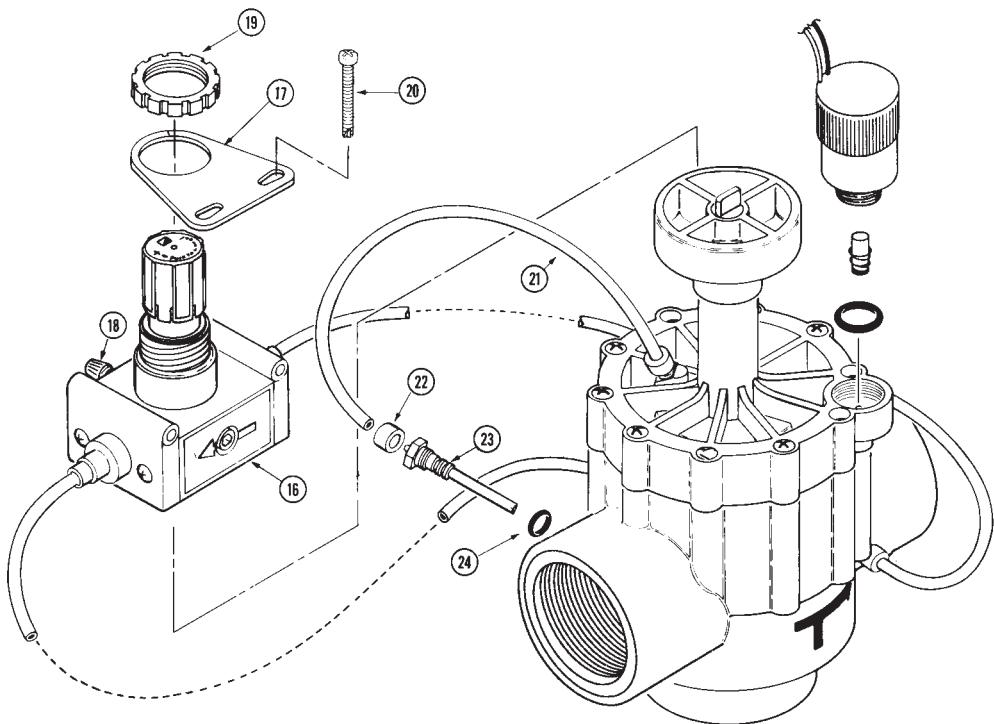
Item No.	Part No.	Description	Quantity Per Assy.
1	35-4521	Bleed Cap Assy., w/Pin, EL, Fast-closing	1
1	35-1748	Bleed Cap Assy., w/o Pin, NO & PT	1
2	35-3777	Knob, Handle Cross	1
3	363-1493	Screw, #10 x 1"	2
4	- - - - -	Solenoid Assy. (See Service Item 89-0878)	1
5	9-6148	Spring, Plunger, Solenoid	1
6	9-6527	Plunger Assy.	1
7	2-9652	O-Ring, 7/16" x 5/8"	1
8	363-1493	Screw, #10 x 1"	8
9	- - - - -	Cap Assy., El, w/FC, (See Service Item 35-8182)	1
10	35-1983	Stem, Flow Control	1
11	360-0220	O-Ring, 0.070" x 0.551" x 0.691"	2
12	1-2035	O-Ring, 0.070" x 0.114" x 0.254"	1
13	9-7110	Spring, Diaphragm	1
14	35-2824	Diaphragm Assy., 1", EL	1
15	9-6331	Support, Diaphragm	1
16	9-6811	Body Assy., 1", NPT	1
16	35-1971	Body Assy., 1", BSP	1
N/I	9-7706	Plug, Pipe, 1"	1
SERVICE ITEMS			
	89-7855	Bleed Cap Assy., w/o Pin, NO & PT, Effluent	
	89-0878	Solenoid & Plunger Assy. (Includes Items 4-6)	
	9-8182	Cap Assy. (Includes Items 9-11)	
	35-3503	Diaphragm Assy., EL, Service Kit (230 Valves)	
	9-5197	Screen, Filter, 3/4" (Used in 35-3503 Diaphragm Assy.)	
	35-9346	Bleed Cap Assy., w/Pin, Slow-closing	

252 Series, 1.5 Inch (Sheet 1 of 2)



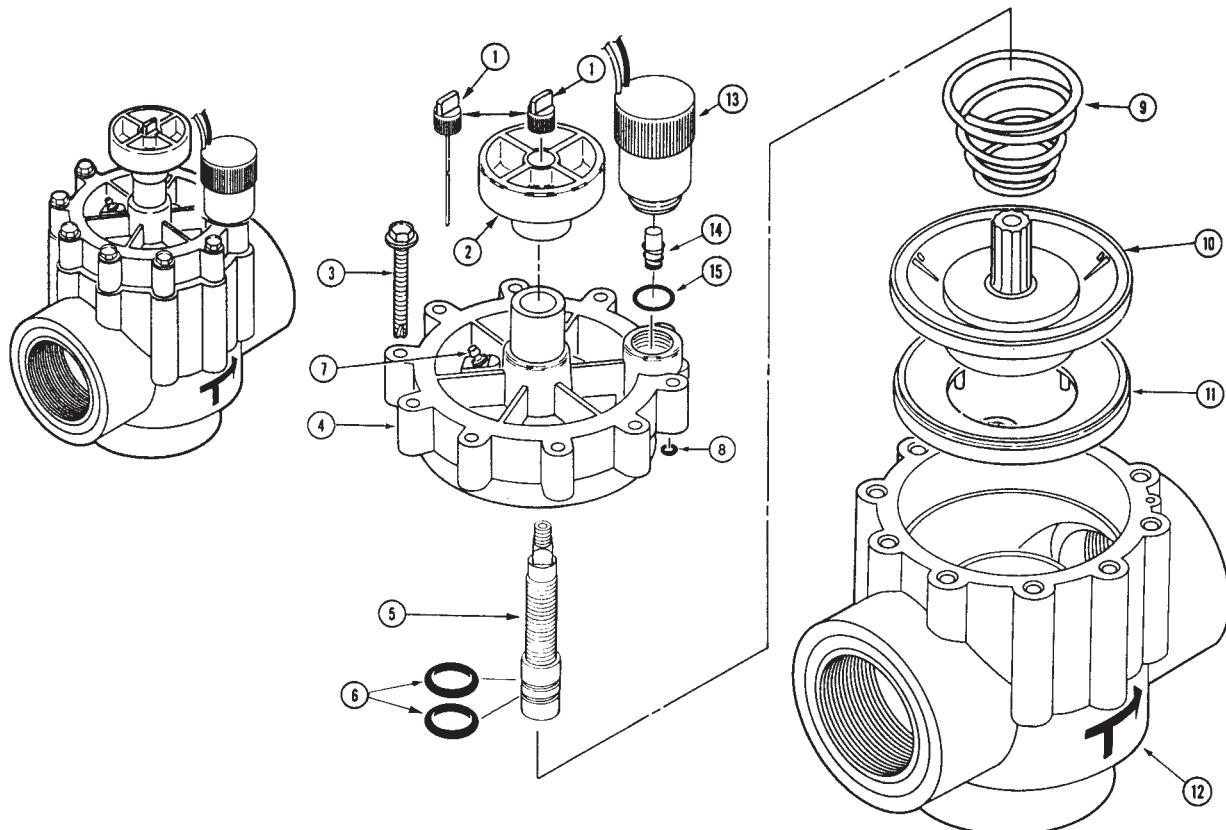
Item No.	Part No.	Description	Quantity Per Assy.
1	35-4521	Bleed Cap Assy. w/Pin, EL	1
1	35-1748	Bleed Cap, NO and PT, PR & CR	1
1	89-7855	Bleed Cap, Effluent	1
2	35-3777	Knob, Handle Cross	1
3	360-0203	Screw, Tap, #10, SST	10
4	-----	Cap, Valve, EL (See Service Items)	1
4	-----	Cap, Valve, NO & PT (See Service Items)	1
4	-----	Cap, Valve, PR (See Service Items)	1
4	-----	Cap, Valve, CR (See Service Items)	1
5	35-1983	Stem, Flow Control	1
6	360-0220	O-Ring, 0.070" x 0.551" x 0.691"	2
7	9-6791	Connector, Poly	1
8	1-2035	O-Ring, 0.070" x 0.114" x 0.254", EL, PR & CR	1
9	9-4425	Spring, Diaphragm	1
10	89-0812	Diaphragm Assy., EL	1
10	89-0814	Diaphragm Assy., PT	1
10	89-0813	Diaphragm Assy., NO, PR & CR	1
11	89-6110	Support, Diaphragm	1
12	89-1905	Solenoid Assy., EL, PR & CR	1
13	35-4609	Plunger Assy., EL, PR & CR	1
14	360-0220	O-Ring, 0.070" x 0.551" x 0.691", EL, PR & CR	1
15	9-7100	Body Assy., NO & PT, NPT	1
15	9-7238	Body Assy., EL, NPT	1
15	35-1972	Body Assy., NO & PT, BSP	1
15	35-1973	Body Assy., EL, BSP	1
15	35-4937	Body Assy., PR, NPT	1
15	35-5642	Body Assy., PR, BSP	1
15	89-4805	Body Assy., CR, NPT	1
15	89-6036	Body Assy., CR, BSP	1

252 Series, 1.5 Inch (Sheet 2 of 2)



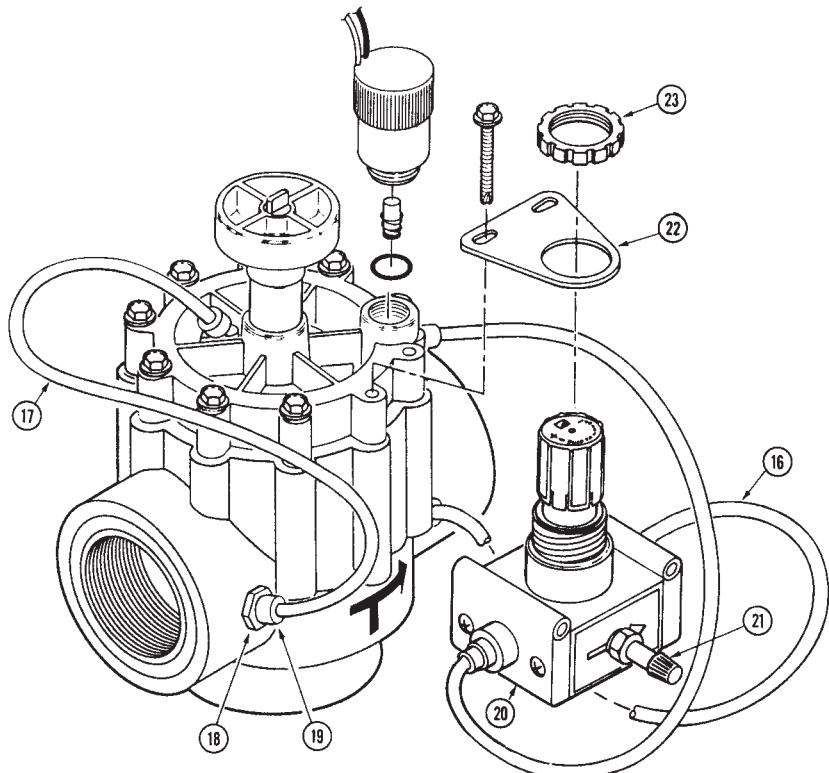
Item No.	Part No.	Description	Quantity Per Assy.
16	363-3141	Regulator, Water Pressure, Plastic Valve, PR	1
17	35-3444	Bracket, Regulator, PR	1
18	363-1762	Valve, 1/8", PR, NPT	1
19	363-1894	Nut, Regulator, PR	1
20	360-0203	Screw, #10-25 x 1-3/4", PR	2
21	9-2623	Tube, 1/4" x 8", PR & CR	3
21	9-2624	Tube, 1/4" x 11.5", CR	1
22	*900-40	Retainer, Tube, PR & CR	6
23	35-4619	Filter Assy., 1/4", Regulator, PR & CR	1
24	360-0494	O-Ring, 0.070" x 0.426" x 0 .566", PR & CR	1
SERVICE ITEMS			
	35-3099	Solenoid Assy., EL and PR & CR (Includes Items 12 & 13)	
	89-8157	Cap, Poly, NO & PT	
	2-3013	Plug, Cap	
	35-9346	Bleed Screw, Fast, 1" & 1.5"	
	35-0595	Cap Assy., Valve, EL (Includes Items 4-6)	
	35-0769	Cap Assy., Valve, NO & PT (Includes Items 4-7)	
	35-4935	Cap Assy., Valve, PR & CR (Includes Items 4-7)	
	35-4926	Regulator Assy., Plastic Valve, PR (Includes Items 16-19)	
	360-0630	Plug, Pipe, 1.5", NPT	
	89-0817	Kit, Diaphragm, 1.5", EL (Includes Items 10 & 11)	
	89-0818	Kit, Diaphragm, 1.5", NO (Includes Items 10 & 11)	
	89-0814	Kit, Diaphragm, 1.5", PT (Includes Items 10 & 11)	
	89-9453	Kit, Service, Valve, 1.5", NO (Includes Items 1, 2, 9, 10, 11 & 35-0769 Valve Cap Assy.)	
	89-3853	Kit, Service, Valve, 1.5", EL (252) (Includes Items 1, 2, 6, 8, 9, 10 & 35-0595 Valve Cap Assy.)	
	89-3892	Kit, Service, Valve, 1.5", PT (Includes Items 1, 2, 9, 10, 11 & 35-0769 Valve Cap Assy.)	
* Order Through Finished Goods Distribution System—Minneapolis			

252 Series, 2 Inch (Sheet 1 of 2)



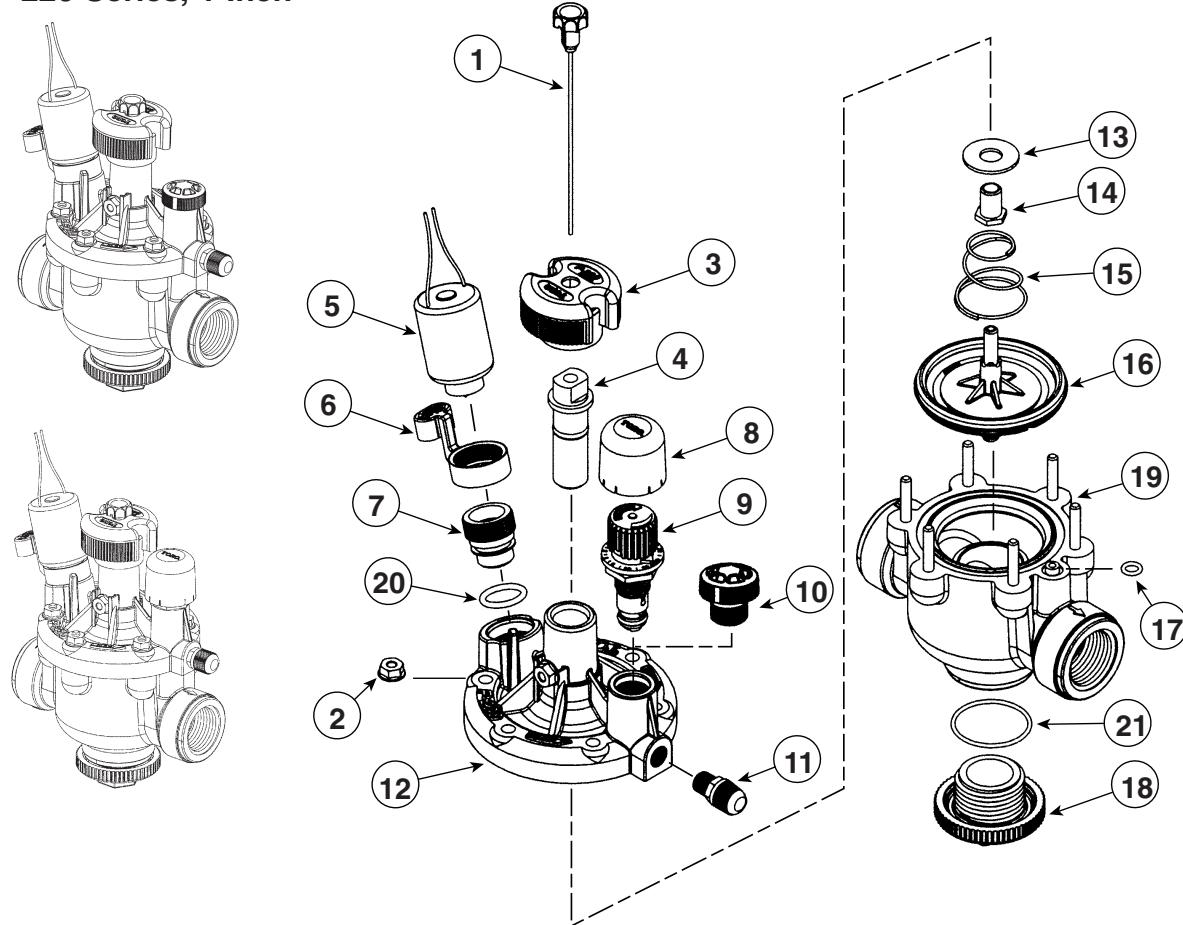
Item No.	Part No.	Description	Quantity Per Assy.
1	35-3892	Bleed Cap Assy. with Pin, EL	1
1	35-1748	Bleed Cap, NO, PR & CR	1
2	35-3777	Knob, Handle Cross	1
3	363-1399	Screw, Hex, Washer, 1/4-14 x 2"	10
4	- - - -	Cap, Valve (See Service Items)	1
5	35-1983	Stem, Flow Control	1
6	360-0220	O-Ring, 0.070" x 0.551" x 0.691"	2
7	9-6791	Connector, Poly, NO & PR	1
8	1-2035	O-Ring, 0.070" x 0.114" x 0.254"	1
9	9-6940	Spring, Diaphragm, EL, PR & CR	1
9	9-4425	Spring, Diaphragm, NO	1
10	89-0815	Diaphragm Assy., EL	1
10	89-0816	Diaphragm Assy., NO, PR & CR	1
11	9-6504	Support, Diaphragm	1
12	9-7258	Body Assy., EL & NO, NPT	1
12	35-1974	Body Assy., EL & NO, BSP	1
12	35-4943	Body Assy., PR, NPT	1
12	35-5645	Body Assy., PR, BSP	1
12	89-4807	Body Assy., CR, NPT	1
12	89-6035	Body Assy., CR, BSP	1
13	89-1905	Solenoid Assy.	1
14	35-4609	Plunger Assy.	1
15	360-0220	O-Ring, 0.070" x 0.551" x 0.691"	1

252 Series, 2 Inch (Sheet 2 of 2)



Item No.	Part No.	Description	Quantity Per Assy.
16	9-2623	Tube, 1/4" x 8", PR	1
17	9-1876	Tube, 1/4" x 12", PR and CR	2
18	35-4931	Filter Assy., Regulator, .034", PR and CR (Includes O-Ring)	1
19	*900-40	Retainer, Tube, PR and CR	4
20	363-3141	Regulator Assy., Pressure, PR	1
21	363-1762	Valve, Schrader, 1/8" NPT, PR	1
22	35-3444	Bracket, Regulator, PR	1
23	363-1894	Nut, Regulator, PR	1
SERVICE ITEMS			
	35-3099	Solenoid Assy., EL and PR (Includes Items 13 & 14)	
	360-0631	Plug, Pipe, 2", NPT	
	35-5154	Plug, Pipe, 2", BSP	
	89-3854	Diaphragm Kit, EL 232 Valve (Includes Item 10 & 11)	
	89-3855	Diaphragm Kit, EL 232/252 Valves (Includes Item 10 & 11)	
	35-0596	Cap Assy., Valve, EL (Includes Item 4-6)	
	35-0768	Cap Assy., Valve, NO (Includes Item 4-7)	
	35-4940	Cap Assy., Valve, PR (Includes Item 4-7)	
	89-4806	Cap Assy., Valve, CR (Includes Items 4-7)	
	35-4926	Regulator Assy., Valve, Plastic, PR (Includes Items 20-23)	
	89-0806	Bleed Screw, Fast, 2"	
	360-0494	O-Ring, 0.070" x 0.426" x 0.566", PR and CR	
* Order Through Finished Goods Distribution System—Minneapolis			

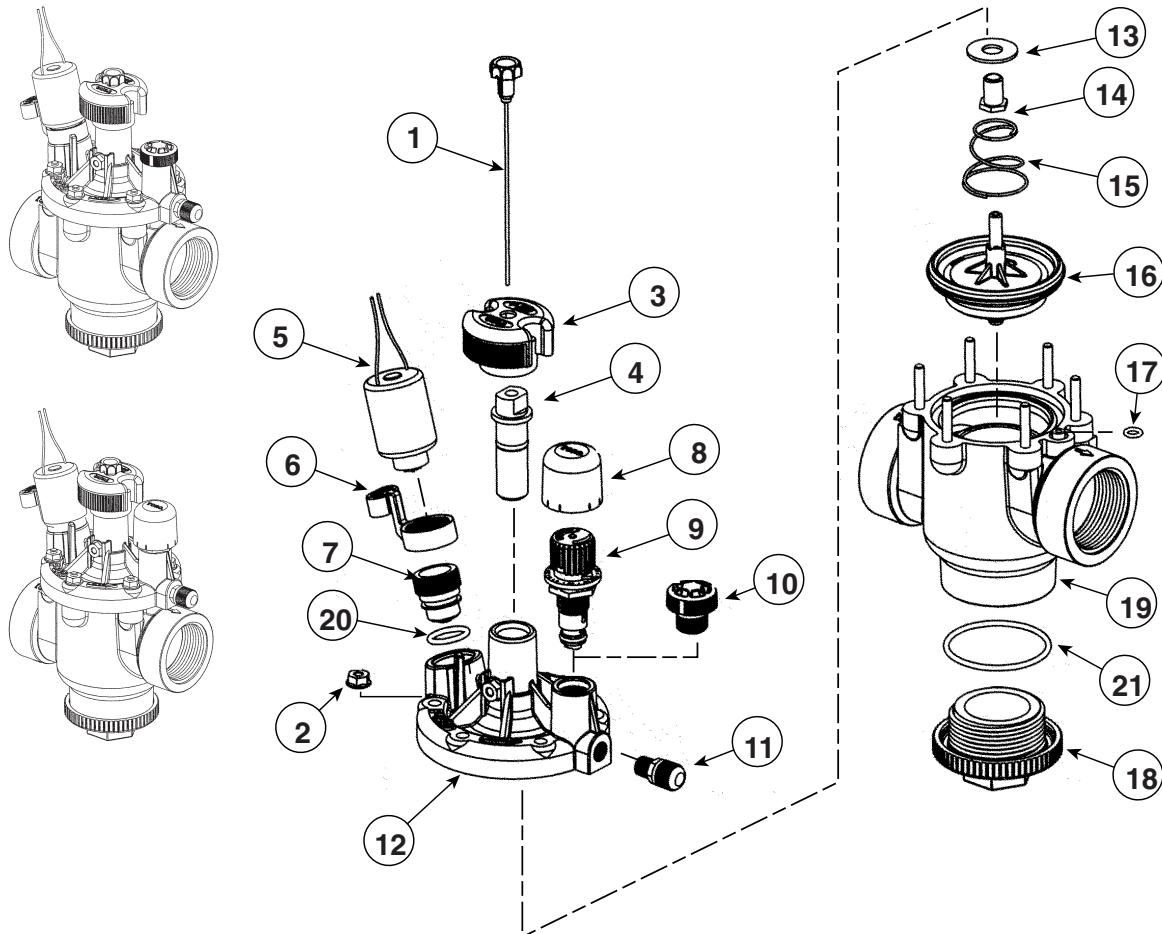
P-220 Series, 1 Inch



Item No.	Part No.	Description	Quantity Per Assy.
1	102-3756	Metering Rod Assy., P-220	1
2	845101	Hex Nut, Flanged	7
3	89-9780	Handle, Flow Control	1
4	102-0966	Stem Assy., Flow Control	1
5	102-0842	Solenoid Assy., 60 Hz	1
5	102-0927	Solenoid Assy., 50 Hz	1
6	1081501	Handle, Bleed Plug	1
7	102-4787	Bleed Plug, New	1
8	835203	Cap, Vandal Resistant	1
9	*EZR-30	Regulator Module, 30 psi (Includes Item 8)	1
9	*EZR-100	Regulator Module, 100 psi (Includes Item 8)	1
10	89-9521	Blanking Plug Assy.	1
11	834101	Valve Assy., Schrader	1
12	102-0366	Bonnet Assy.	1
13	856202	Stem Washer	1
14	1033-H	Bushing	1
15	H1040	Spring	1
16	102-0368	Diaphragm Assy.	1
17	1054-H	O-Ring, Body	1
18	536203	Plug, Body, NPT & BSP	1
19	- - - -	Valve Body Assy.	1
20	1009701	O-Ring, Bleed Plug	1
21	2413	O-Ring, Body Plug	1
SERVICE ITEMS			
	102-0847	Assy., Kit, Service, 1" & 1.5", P-220 (Includes Items 1-3, 10-12 and 15)	

* Order Through Finished Goods Distribution System—Minneapolis

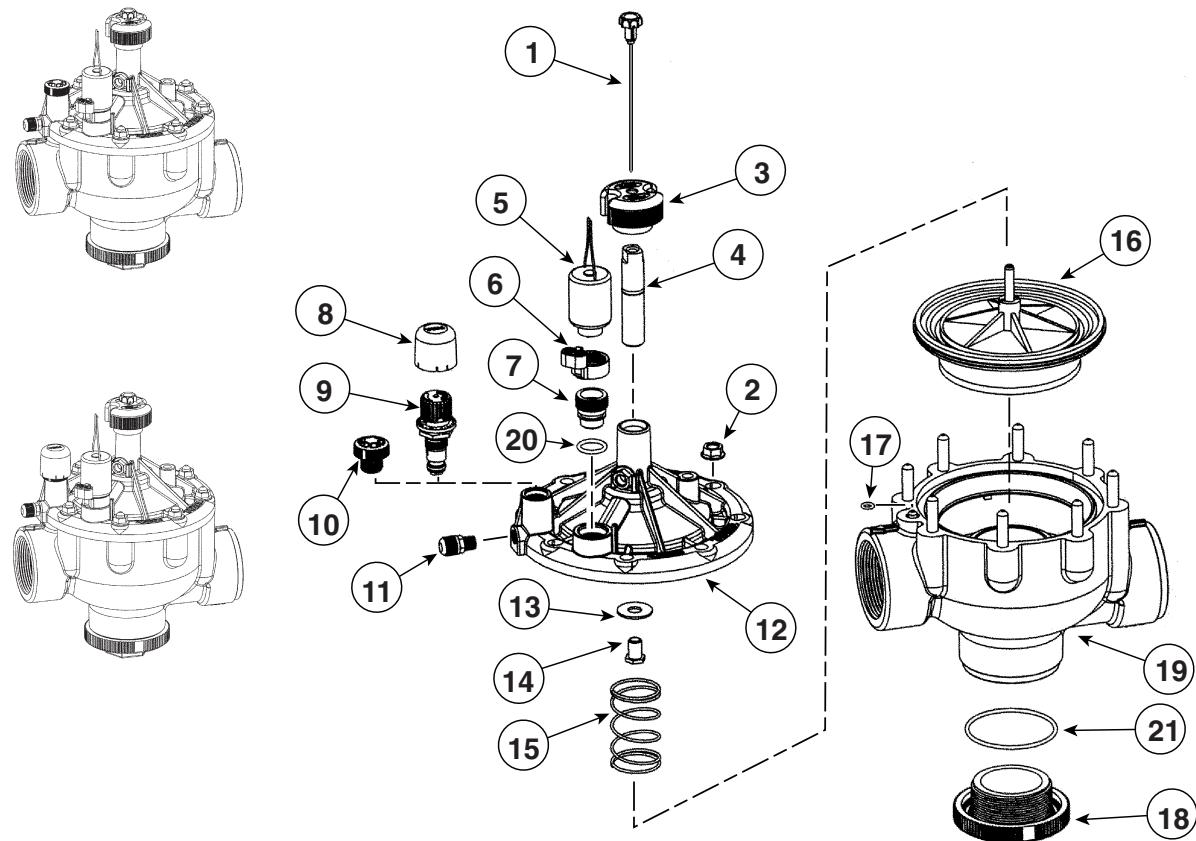
P-220 Series, 1.5 Inch



Item No.	Part No.	Description	Quantity Per Assy.
1	102-3756	Metering Rod Assy., P-220	1
2	845101	Hex Nut, Flanged	7
3	89-9780	Handle, Flow Control	1
4	102-0966	Stem Assy., Flow Control	1
5	102-0842	Solenoid Assy., 60 Hz	1
5	102-0927	Solenoid Assy., 50 Hz	1
6	1081501	Handle, Bleed Plug	1
7	102-4787	Bleed Plug,	1
8	835203	Cap, Vandal Resistant	1
9	*EZR-30	Regulator Module, 30 psi (Includes Item 8)	1
9	*EZR-100	Regulator Module, 100 psi (Includes Item 8)	1
10	89-9521	Blanking Plug Assy.	1
11	834101	Valve Assy., Schrader	1
12	102-0366	Bonnet Assy.	1
13	856202	Stem Washer	1
14	1033-H	Bushing	1
15	H1040	Spring	1
16	102-0770	Diaphragm Assy.	1
17	1054-H	O-Ring, Body	1
18	209406	Plug, Body, NPT & BSP	1
19	-----	Valve Body Assy.	1
20	1009701	O-Ring, Bleed Plug	1
21	363-4764	O-Ring, Body Plug	1
SERVICE ITEMS			
	102-0847	Assy., Kit, Service, 1" & 1.5", P-220 (Includes Items 1-3, 10-12 and 15)	

* Order Through Finished Goods Distribution System—Minneapolis

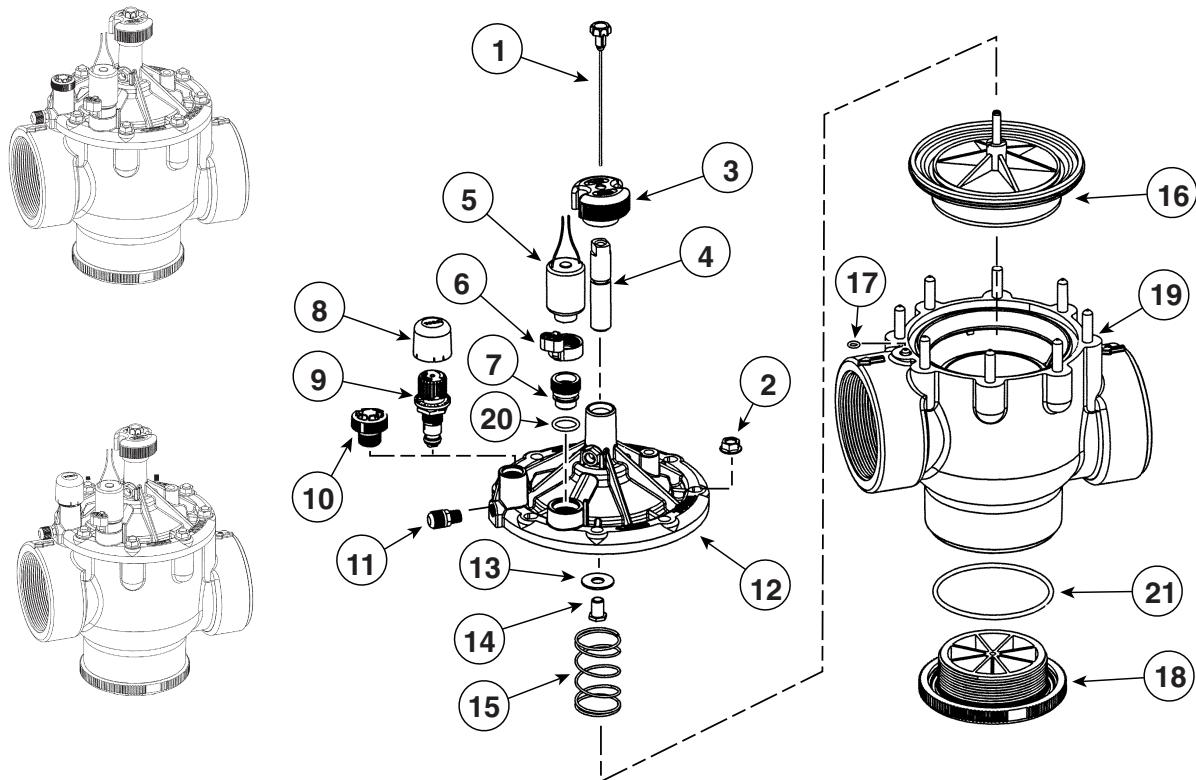
P-220 Series, 2 Inch



Item No.	Part No.	Description	Quantity Per Assy.
1	102-3756	Metering Rod Assy., P-220	1
2	845102	Hex Nut, Flanged	9
3	89-9780	Handle, Flow Control	1
4	102-0967	Stem Assy., Flow Control	1
5	102-0842	Solenoid Assy., 60 Hz	1
5	102-0927	Solenoid Assy., 50 Hz	1
6	1081501	Handle, Bleed Plug	1
7	102-4787	Bleed Plug, New	1
8	835203	Cap, Vandal Resistant	1
9	*EZR-30	Regulator Module, 30 psi (Includes Item 8)	1
9	*EZR-100	Regulator Module, 100 psi (Includes Item 8)	1
10	89-9521	Blanking Plug Assy.	1
11	834101	Valve Assy., Schrader	1
12	102-0367	Bonnet Assy.	1
13	1126	Stem Washer	1
14	1033-H	Bushing	1
15	1041	Spring	1
16	934501	Diaphragm Assy.	1
17	1054-H	O-Ring, Body	1
18	209506-H	Plug, Body, NPT	1
18	209507	Plug, Body, BSP	1
19	-----	Valve Body Assy.	1
20	1009701	O-Ring, Bleed Plug	1
21	935901	O-Ring, Body Plug	1
SERVICE ITEMS			
	102-0848	Assy., Kit, Service, 2" & 3" P-220 (Includes Items 1-3, 10-12 and 15)	

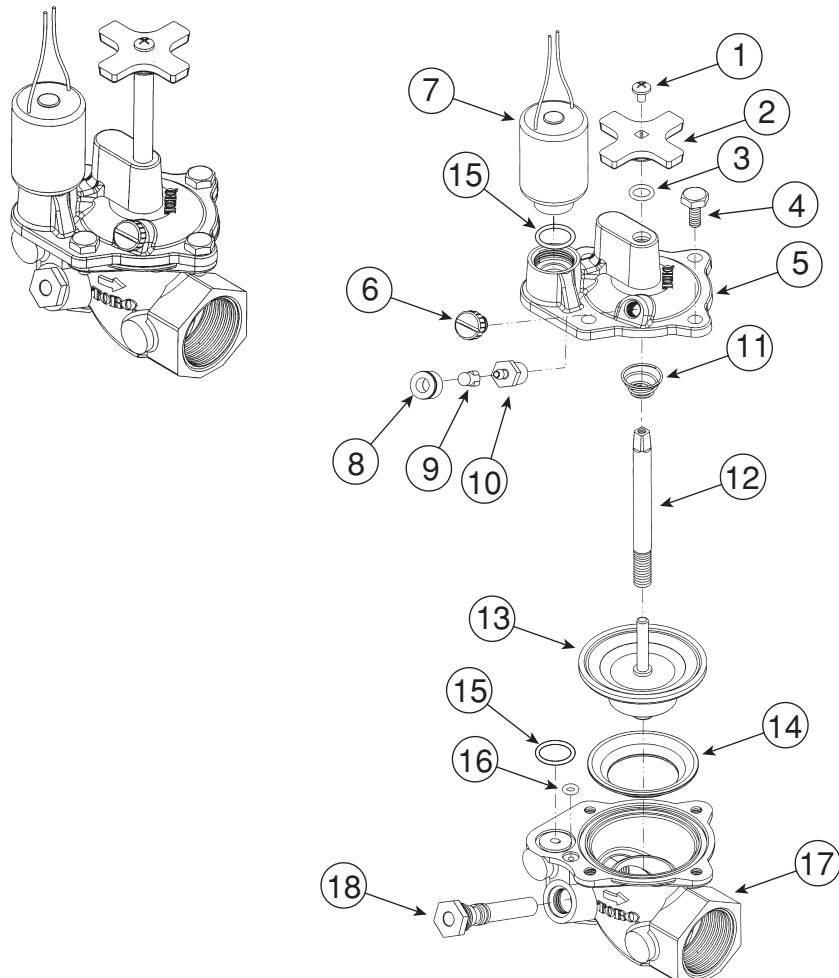
* Order Through Finished Goods Distribution System—Minneapolis

P-220 Series, 3 Inch



Item No.	Part No.	Description	Quantity Per Assy.
1	102-3756	Metering Rod Assy., P-220	1
2	845102	Hex Nut, Flanged	9
3	89-9780	Handle, Flow Control	1
4	102-0967	Stem Assy., Flow Control	1
5	102-0842	Solenoid Assy., 60 Hz	1
5	102-0927	Solenoid Assy., 50 Hz	1
6	1081501	Handle, Bleed Plug	1
7	102-4787	Bleed Plug, New	1
8	835203	Vandal Cap	1
9	*EZR-30	Regulator Module, 30 psi (Includes Item 8)	1
9	*EZR-100	Regulator Module, 100 psi (Includes Item 8)	1
10	89-9521	Blanking Plug Assy.	1
11	834101	Valve Assy., Schrader	1
12	102-0367	Bonnet Assy.	1
13	1126	Stem Washer	1
14	1033-H	Bushing	1
15	1041	Spring	1
16	935001	Diaphragm Assy.	1
17	1054-H	O-Ring, Body	1
18	209605-H	Plug, Body, NPT	1
18	209606-H	Plug, Body, BSP	1
19	-----	Valve Body Assy.	1
20	1009701	O-Ring, Bleed Plug	1
21	RS100-238-70N	O-Ring, Body Plug	1
SERVICE ITEMS			
	102-0848	Assy., Kit, Service, 2" & 3" P-220 (Includes Items 1-3, 10-12 and 15)	
* Order Through Finished Goods Distribution System—Minneapolis			

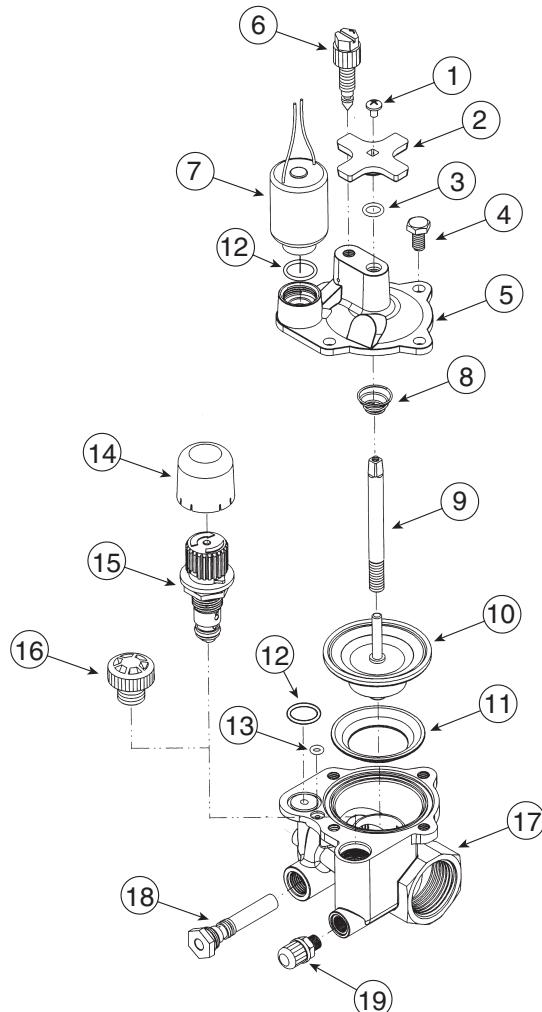
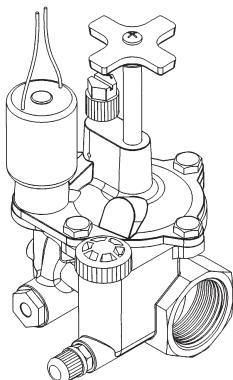
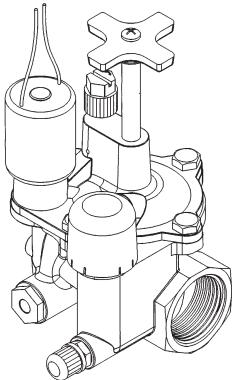
220 Series, 1 Inch (Previous 210 Series, 1 Inch)



Item No.	Part No.	Description	Quantity Per Assy.
1	360-0498	Screw, Machine 8-32 x 1/4"	
2	9-4527	Handle, Cross	1
3	360-0107	O-Ring, 0.070" x 0.301" x 0.441"	1
4	360-0595	Screw, Machine, 1/4-20 x 1/2"	4
5	89-9542	Cap, Valve, EL	1
5	89-5823	Cap, Valve, NO	1
6	89-9566	Screw Assy., External Bleed, EL	1
7	102-6316	Solenoid Assy., 24 V a.c., 60 Hz	1
7	102-0927	Solenoid Assy., 24 V a.c., 50 Hz	1
8	*1-1108	Retainer, Tube, NO	1
9	89-8157	Cap, 1/4" Poly, NO	1
10	3-3362	Adapter, 1/8 NPT x 1/4" Poly, NO	1
11	9-5146	Spring, Diaphragm	1
12	89-6507	Stem, Flow Control	1
13	9-5359	Diaphragm Assy., 1.5" & 1.25" Brass	1
14	35-2639	Support, Diaphragm	1
15	360-0220	O-Ring, 0.070" x 0.551" x 0.691", EL	2
16	360-0530	O-Ring, 0.070" x 0.145" x 0.285", EL	1
17	- - - -	Body, Brass	1
18	102-0690	Filter Assy., Metering, 1" & 1.5"	1

* Order Through Finished Goods Distribution System—Minneapolis

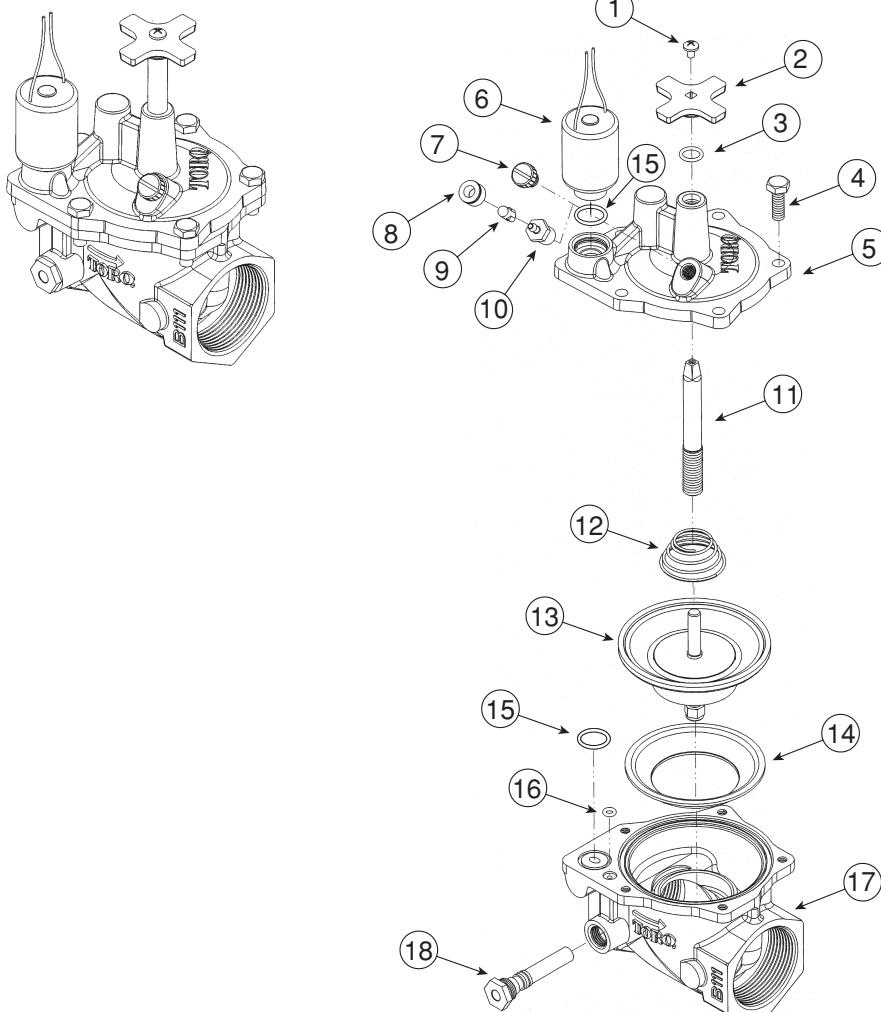
220 Series, 1 Inch, Pressure Regulated



Item No.	Part No.	Description	Quantity Per Assy.
1	360-0498	Screw, Machine 8-32 x 1/4"	1
2	9-4527	Handle, Cross	1
3	360-0107	O-Ring, 0.070" x 0.301" x 0.441"	1
4	360-0595	Screw, Machine, 1/4-20 x 1/2"	4
5	89-9538	Cap, Valve	1
6	102-0208	Bleed Screw Assy.	1
7	102-6316	Solenoid Assy., 24 V a.c., 60 Hz	1
7	102-0927	Solenoid Assy., 24 V a.c., 50 Hz	1
8	9-5146	Spring, Diaphragm	1
9	89-6507	Stem, Flow Control	1
10	9-5359	Diaphragm Assy., 1"	1
11	35-2639	Support, Diaphragm	1
12	360-0220	O-Ring, 0.070" x 0.551" x 0.691"	2
13	360-0530	O-Ring, 0.707" x 0.145" x 0.285"	1
14	835203	Cap, Vandal Resistant	1
15	*EZR-30	Regulator Module, 30 psi (Includes Item 14)	1
15	*EZR-100	Regulator Module, 100 psi (Includes Item 14)	1
16	89-9521	Blanking Plug Assy.	1
17	- - - -	Body, Brass (Pressure Regulated)	1
18	102-0690	Filter Assy., Metering, 1"-1.5"	1
19	834101	Valve Assy., Schrader	1

* Order Through Finished Goods Distribution System—Minneapolis

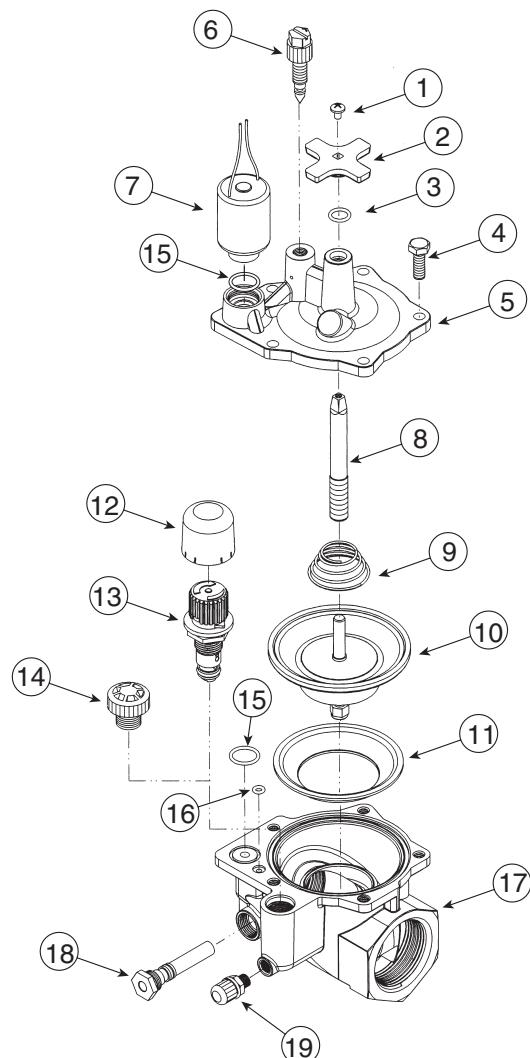
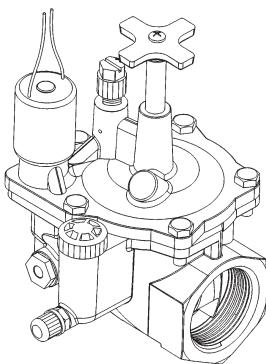
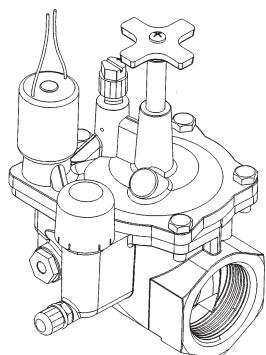
220 Series, 1.25 and 1.5 Inch (Previous 210 Series, 1.25 and 1.5 Inch)



Item No.	Part No.	Description	Quantity Per Assy.
1	360-0498	Screw, Machine 8-32 x 1/4"	1
2	9-4527	Handle, Cross	1
3	360-0493	O-Ring, 0.070" x 0.364" x 0.504"	1
4	360-0499	Screw, Machine, 1/4-20 x 3/4"	5
5	89-9543	Cap, Valve, EL	1
5	89-5827	Cap, Valve, NO	1
6	102-6316	Solenoid Assy., 24 V a.c., 60 Hz	1
6	102-0927	Solenoid Assy., 24 V a.c., 50 Hz	1
7	89-9566	Screw Assy., External Bleed, EL	1
8	*1-1108	Retainer Tube, NO	1
9	89-8157	Cap, 1/4" Poly, NO.	1
10	3-3362	Adapter, 1/8 NPT x 1/4" Poly, NO	1
11	9-4424	Stem, Flow Control	1
12	102-0637	Spring, Diaphragm	1
13	9-5361	Diaphragm Assy., 1.5" & 1.25"	1
14	35-2452	Support, Diaphragm	1
15	360-0220	O-Ring, 0.070" x 0.551" x 0.691", EL	2
16	360-0530	O-Ring, 0.070" x 0.145" x 0.285", EL	1
17	- - - - -	Body, Brass	1
18	102-0690	Filter Assy., Metering 1"-1.5"	1

* Order Through Finished Goods Distribution System—Minneapolis

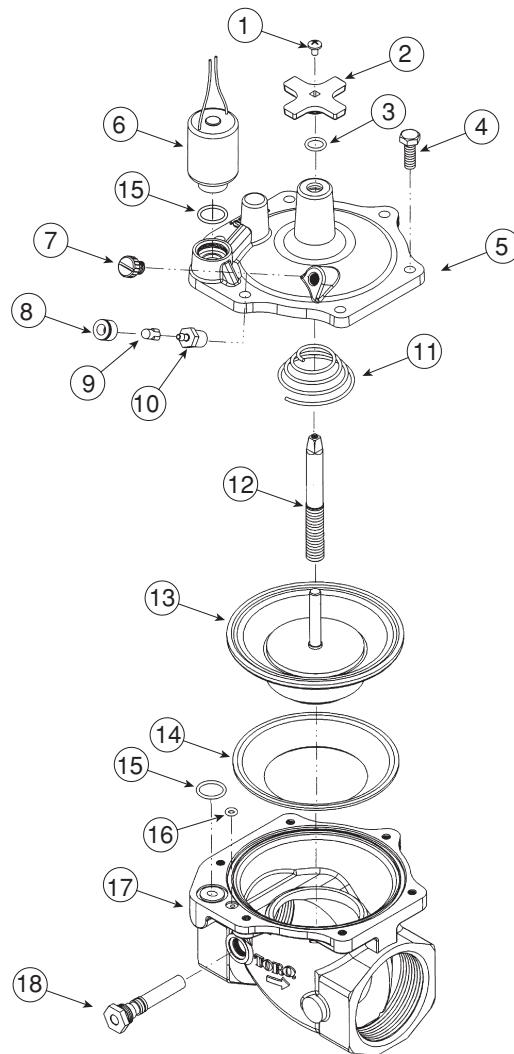
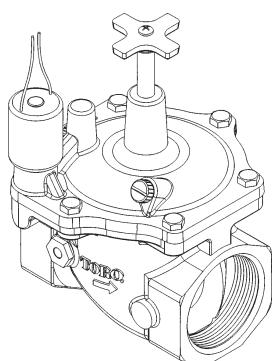
220 Series, 1.25 and 1.5 Inch, Pressure Regulated



Item No.	Part No.	Description	Quantity Per Assy.
1	360-0498	Screw, Machine 8-32 x 1/4"	1
2	9-4527	Handle, Cross	1
3	360-0493	O-Ring, 0.070" x 0.364" x 0.504"	1
4	360-0499	Screw, Machine, 1/4-20 x 3/4"	5
5	89-9539	Cap, Valve	1
6	102-0208	Bleed Screw Assy.	1
7	102-6316	Solenoid Assy., 24 V a.c., 60 Hz	1
7	102-0927	Solenoid Assy., 24 V a.c., 50 Hz	1
8	9-4424	Stem, Flow Control	1
9	102-0637	Spring, Diaphragm	1
10	9-5361	Diaphragm Assy.	1
11	35-2452	Support, Diaphragm	1
12	835203	Vandal Cap	1
13	*EZR-30	Regulator Module, 30 psi (Includes Item 12)	1
13	*EZR-100	Regulator Module, 100 psi Includes Item 12)	1
14	89-9521	Blanking Plug Assy.	1
15	360-0220	O-Ring, 0.070" x 0.551" x 0.691"	2
16	360-0530	O-Ring, 0.070" x 0.145" x 0.285"	1
17	- - - - -	Body, Brass (Pressure Regulated)	1
18	102-0690	Filter Assy., Metering, 1"-1.5"	1
19	834101	Valve Assy., Schrader	1

* Order Through Finished Goods Distribution System—Minneapolis

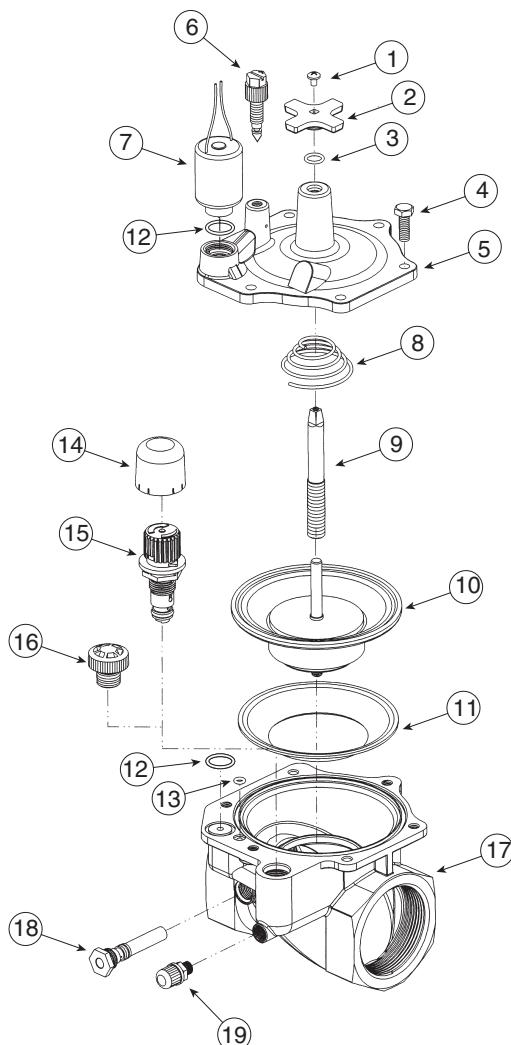
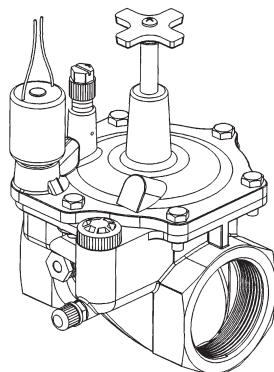
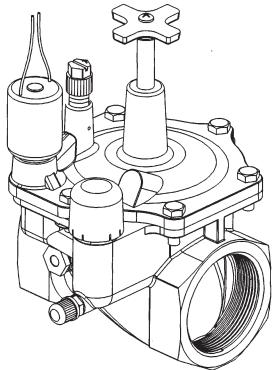
220 Series, 2 Inch (Previous 210 Series, 2 Inch)



Item No.	Part No.	Description	Quantity Per Assy.
1	360-0498	Screw, Machine 8-32 x 1/4"	1
2	9-4527	Handle, Cross	1
3	360-0493	O-Ring, 0.070" x 0.364" x 0.504"	1
4	360-0499	Screw, Machine, 1/4-20 x 3/4"	6
5	89-9544	Cap, Valve, EL	1
5	89-5831	Cap, Valve, NO	1
6	102-6316	Solenoid Assy., 24 V a.c., 60 Hz	1
6	102-0927	Solenoid Assy., 24 V a.c., 50 Hz	1
7	89-9566	Screw Assy., External Bleed, EL	1
8	*1-1108	Retainer Tube, NO	1
9	89-8157	Cap, 1/4" Poly, NO	1
10	3-3362	Adapter, 1/8 NPT x 1/4 Poly, NO.	1
11	89-1652	Spring, Diaphragm	1
12	9-4543	Stem, Flow Control	1
13	9-5363	Diaphragm Assy., 2"	1
14	9-4541	Support, Diaphragm	1
15	360-0220	O-Ring, 0.070" x 0.551" x 0.691", EL	2
16	360-0530	O-Ring, 0.070" x 0.145" x 0.285", EL	1
17	- - - - -	Body, Brass	1
18	102-0691	Filter Assy., Metering, 2"	1

* Order Through Finished Goods Distribution System—Minneapolis

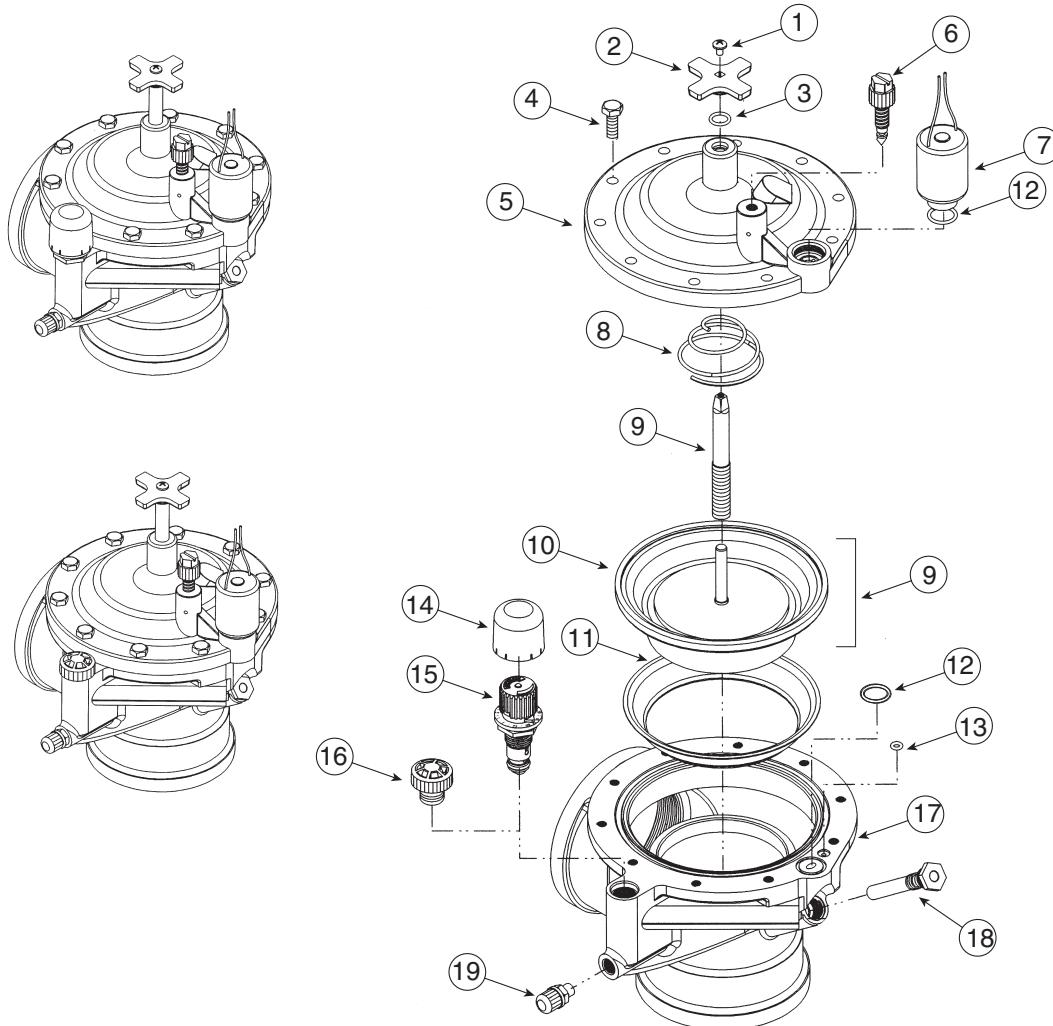
220 Series, 2 Inch, Pressure Regulated



Item No.	Part No.	Description	Quantity Per Assy.
1	360-0498	Screw, Machine 8-32 x 1/4"	1
2	9-4527	Handle, Cross	1
3	360-0493	O-Ring, 0.070" x 0.364" x 0.504"	1
4	360-0499	Screw, Machine, 1/4-20 x 3/4"	6
5	89-9540	Cap, Valve	1
6	102-0208	Bleed Screw Assy.	1
7	102-6316	Solenoid Assy., 24 V a.c., 60 Hz	1
7	102-0927	Solenoid Assy., 24 V a.c., 50 Hz	1
8	89-1652	Spring, Diaphragm	1
9	9-4543	Stem, Flow Control	1
10	9-5363	Diaphragm Assy.	1
11	9-4541	Support, Diaphragm	1
12	360-0220	O-Ring, 0.070" x 0.551" x 0.691"	2
13	360-0530	O-Ring, 0.070" x 0.145" x 0.285"	1
14	835203	Cap, Vandal Resistant	1
15	*EZR-30	Regulator Module, 30 psi (Includes Item 14)	1
15	*EZR-100	Regulator Module, 100 psi (Includes Item 14)	1
16	89-9521	Blanking Plug Assy.	1
17	- - - - -	Body, Brass	1
18	102-0691	Filter Assy., Metering, 2"	1
19	834101	Valve Assy., Schrader	1

* Order Through Finished Goods Distribution System—Minneapolis

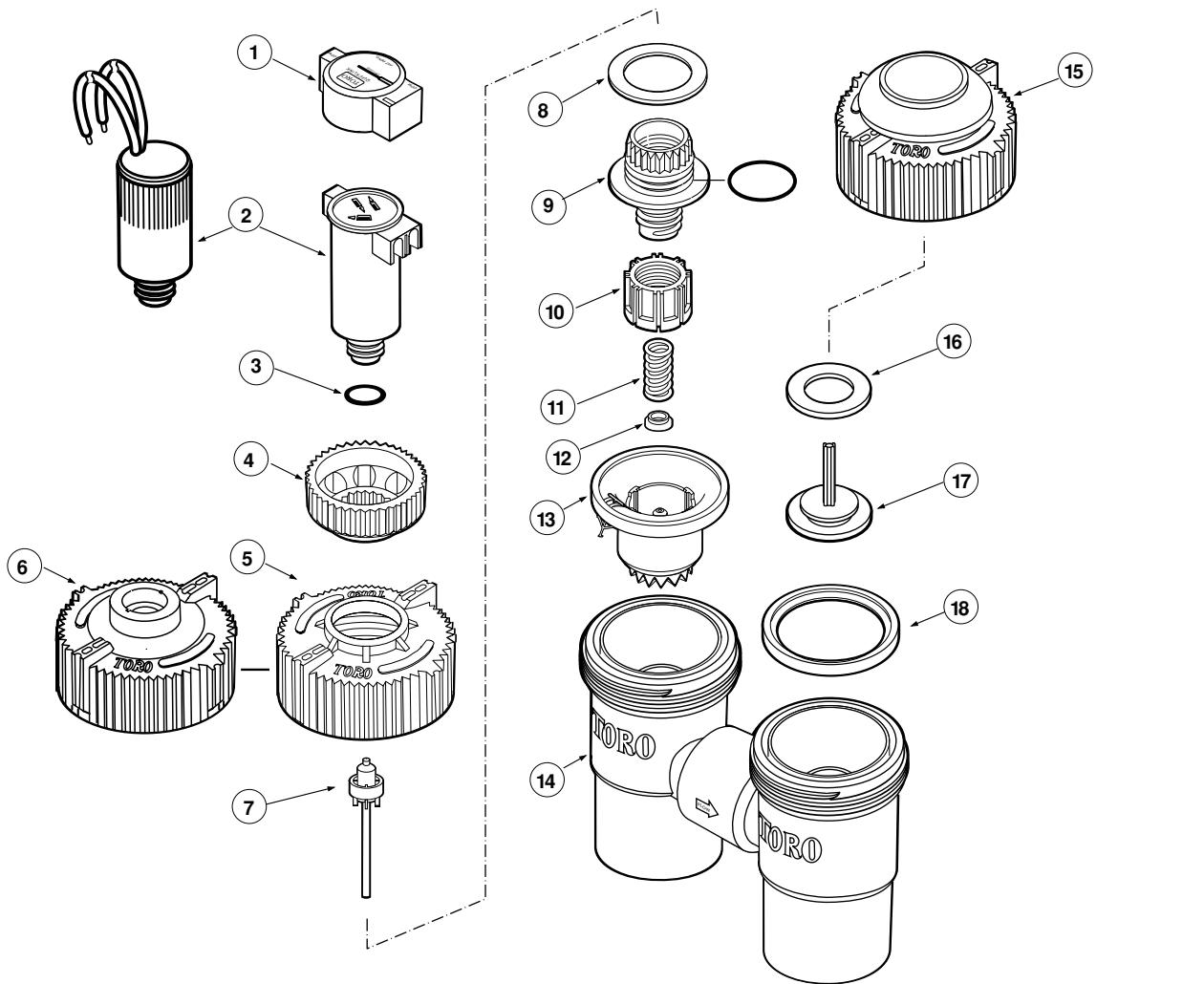
220 Series, 2.5 and 3 Inch



Item No.	Part No.	Description	Quantity Per Assy.
1	360-0498	Screw, Machine #8-32 x 1/4"	1
2	9-4527	Handle, Cross	1
3	360-0493	O-Ring, 0.070" x 0.364" x 0.504"	1
4	360-0499	Screw, Machine, 1/4-20 x 3/4"	10
5	89-9541	Cap, Valve	1
6	102-0208	Bleed Screw Assy.	1
7	102-6316	Solenoid Assy., 24 V a.c., 60 Hz	1
7	102-0927	Solenoid Assy., 24 V a.c., 50 Hz	1
8	89-1744	Spring, Diaphragm	1
9	9-4543	Stem, Flow Control	1
10	89-6421	Diaphragm Assy.	1
11	89-8126	Support, Diaphragm	1
12	360-0220	O-Ring, 0.070" x 0.551" x 0.691"	2
13	360-0530	O-Ring, 0.070" x 0.145" x 0.285"	1
14	835203	Cap, Vandal Resistant	1
15	*EZR-30	Regulator Module, 30 psi (Includes Item 12)	1
15	*EZR-100	Regulator Module, 100 psi (Includes Item 12)	1
16	89-9521	Blanking Plug Assy.	1
17	-----	Body, Brass	1
18	102-0692	Filter assy., Metering	1
19	834101	Valve Assy., Schrader	1

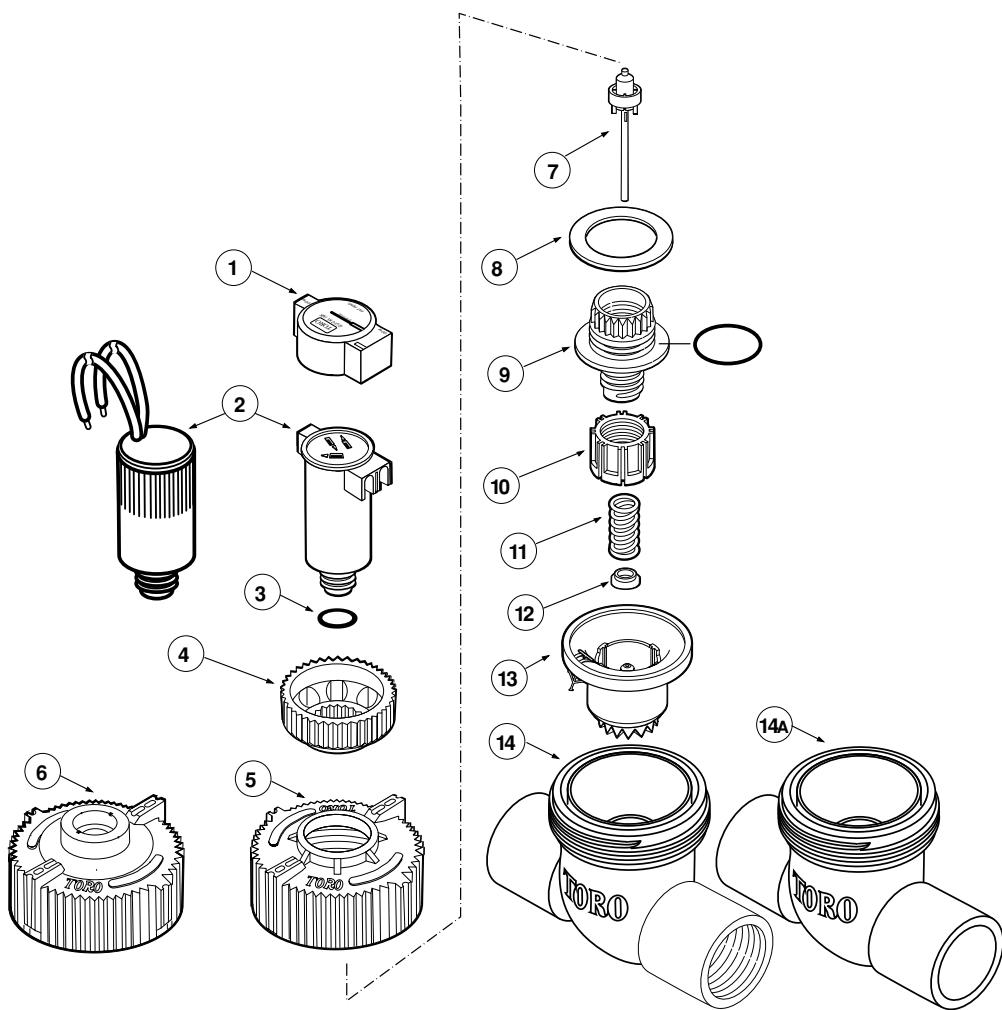
* Order Through Finished Goods Distribution System—Minneapolis

Flo-Pro Series, 3/4 & 1 Inch AVB



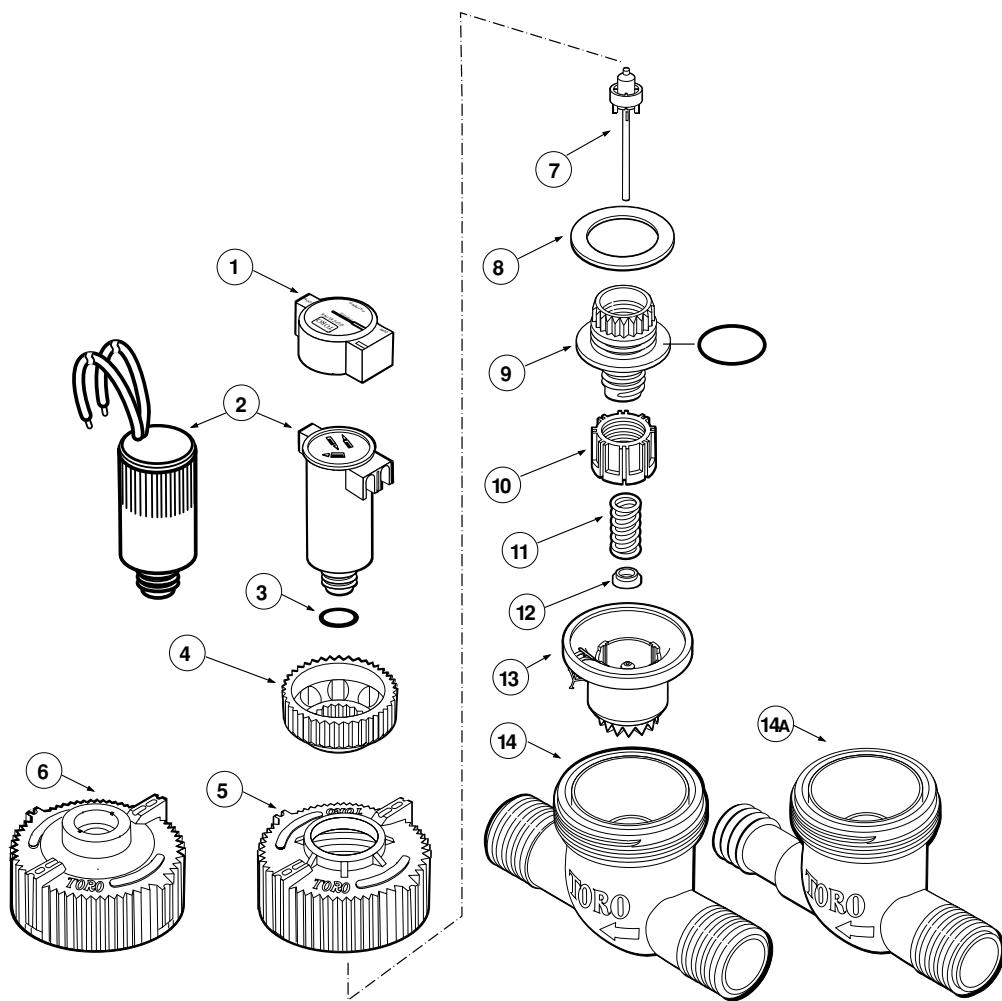
Item No.	Part No.	Description	Quantity Per Assy.
1	89-0880	Cap, Solenoid	1
2	89-0889	Solenoid Assy. w/o Wires (Includes Item 3)	1
2	89-0114	Solenoid Assy. w/Wires (Includes Item 3)	1
3	363-3138	O-Ring, 0.070" x 0.614"	1
4	35-8292	Knob (Flow Control Models)	1
5	89-9987	Cap (Flow Control Models)	1
6	89-9986	Cap (w/o Flow Control)	1
7	89-0069	Seat Assy., Discharge	1
8	89-1155	Washer, PTFE (Flow Control Models)	1
9	-----	Stem Assy., Flow Control (See Service Item 89-0142)	1
10	-----	Nut, Flow Control (See Service Item 89-0142)	1
11	89-2042	Spring, Diaphragm	1
12	89-3423	Bearing, Spring Sleeve (Flow Control Models)	1
13	89-9861	Diaphragm Assy. (Rubber, w/ Black Center Cup)	1
14	89-0665	Body Assy., AVB, 1"	1
14	89-1265	Body Assy., AVB, 3/4"	1
15	89-0120	Cap Assy.	1
16	35-8305	Seat, Float	1
17	35-8304	Float	1
18	89-1020	Seal	1
SERVICE ITEMS			
	89-4104	Drip Kit (Includes Items 9-12)	
	89-0142	Stem Assy., Flow Control (Includes Items 9, 10 and O-Ring)	
	89-2031	Diaphragm Assy., Old Style (Blue Debris Arrestor w/White Center Cup)	

Flo-Pro Series, 1 Inch Female



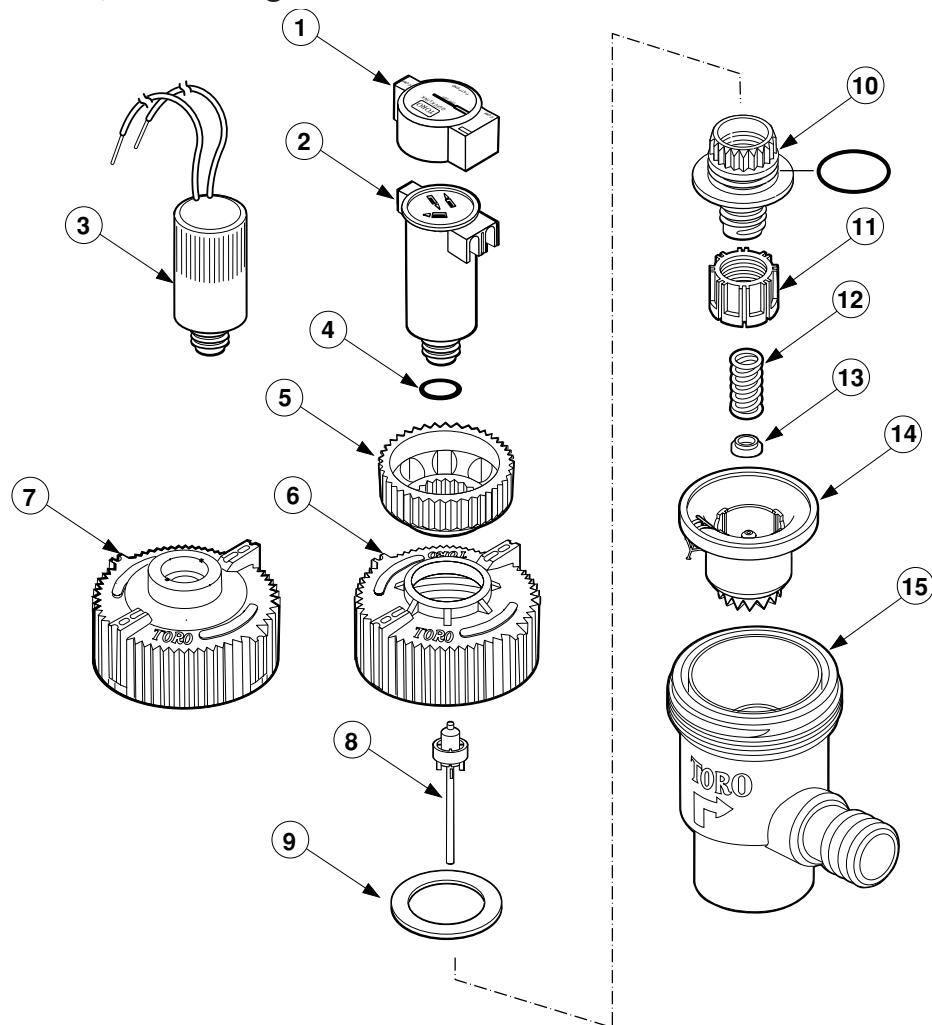
Item No.	Part No.	Description	Quantity Per Assy.
1	89-0880	Cap, Solenoid	1
2	89-0889	Solenoid Assy. w/o Wires (Includes Item 3)	1
2	89-0114	Solenoid Assy. w/Wires (Includes Item 3)	1
3	363-3138	O-Ring, 1/6" x 5/8"	1
4	35-8292	Knob (Flow Control Models)	1
5	89-9987	Cap (Flow Control Models)	1
6	89-9986	Cap (w/o Flow Control)	1
7	89-0069	Seat Assy., Discharge	1
8	89-1155	Washer, PTFE (Flow Control Models)	1
9	-----	Stem Assy., Flow Control (See Service Item 89-0142)	1
10	-----	Nut, Flow Control (See Service Item 89-0142)	1
11	89-2042	Spring, Diaphragm (Flow Control Models)	1
12	89-3423	Bearing, Spring Sleeve (Flow Control Models)	1
13	89-9861	Diaphragm Assy. (Rubber, w/Black Center Cup)	1
14	35-8234	Body, 1", F x F, NPT	1
14	35-8235	Body, 1", F x F, BSP	1
14A	35-8233	Body, 1", F x F, Slip	1
SERVICE ITEMS			
	89-4104	Drip Kit, Flow Control (Includes Items 9-12)	
	89-0142	Stem Assy., Flow Control (Includes Items 9, 10 and O-Ring)	
	89-0993	Diaphragm Assy., Old Style (Red Debris Arrestor, w/White Center Cup)	

Flo-Pro Series, 1 Inch Male



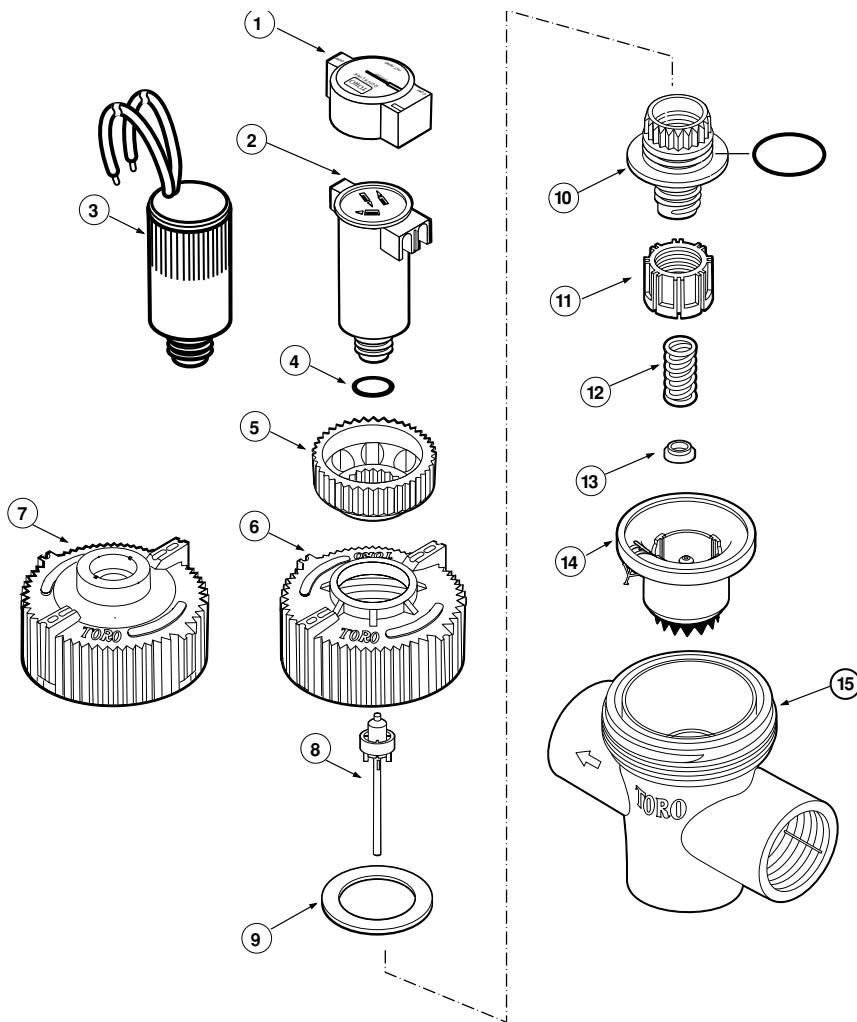
Item No.	Part No.	Description	Quantity Per Assy.
1	89-0880	Cap, Solenoid	1
2	89-0889	Solenoid Assy. w/o Wires (Includes Item 3)	1
2	89-0114	Solenoid Assy. w/Wires (Includes Item 3)	1
3	363-3138	O-Ring, 1/6" x 5/8"	1
4	35-8292	Knob (Flow Control Models)	1
5	89-9987	Cap (Flow Control Models)	1
6	89-9986	Cap (w/o Flow Control)	1
7	89-0069	Seat Assy., Discharge	1
8	89-1155	Washer, PTFE (Flow Control Models)	1
9	-----	Stem Assy., Flow Control (See Service Item 89-0142)	1
10	-----	Nut, Flow Control (See Service Item 89-0142)	1
11	89-2042	Spring, Diaphragm (Flow Control Models)	1
12	89-3423	Bearing, Spring Sleeve (Flow Control Models)	1
13	89-9861	Diaphragm Assy. (Rubber, w/Black Center Cup)	1
14	35-8192	Body, 1", M x M, NPT	1
14	35-8226	Body, 1", M x M, BSP	1
14A	35-8227	Body, 1", M x B, NPT	1
SERVICE ITEMS			
	89-4104	Drip Kit, Flow Control (Includes Items 9–12)	
	89-0142	Stem Assy., Flow Control (Includes Items 9, 10 and O-Ring)	
	89-0993	Diaphragm Assy., Old Style (Red Debris Arrestor, w/White Center Cup)	

Flo-Pro Series, 1 Inch Angle



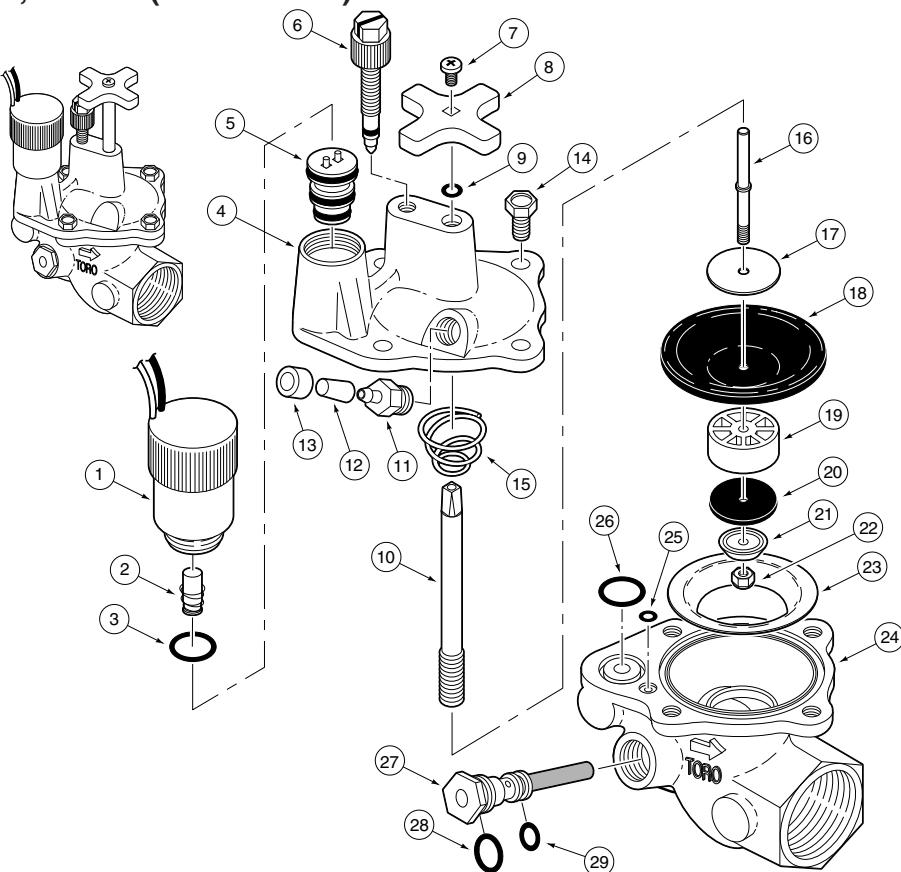
Item No.	Part No.	Description	Quantity Per Assy.
1	89-0880	Cap, Solenoid	1
2	89-0889	Solenoid Assy. w/o wires (Includes Items 1, 2 & 4)	1
3	89-0114	Solenoid Assy. with Wires (Includes Item 4)	1
4	363-3138	O-Ring, 1/6" x 5/8"	1
5	35-8292	Knob (Flow Control Models)	1
6	89-9987	Cap (Flow Control Models)	1
7	89-9986	Cap w/o Flow Control	1
8	89-0069	Seat Assy., Discharge	1
9	89-1155	Washer, PTFE (Flow Control Models)	1
10	-----	Stem Assy., Flow Control (See Service Item 89-0142)	1
11	-----	Nut, Flow Control (See Service Item 89-0142)	1
12	89-2042	Spring, Diaphragm	1
13	89-3423	Bearing, Spring Sleeve	1
14	89-9861	Diaphragm Assy. (Rubber, w/Black Center Cup)	1
15	89-3916	Body Assy., 1" F x B, NPT	1
15	89-3917	Body Assy., 1" F x B, BSP	1
SERVICE ITEMS			
	89-4104	Drip Kit, Flow Control (Includes Items 10-13)	
	89-0142	Stem Assy., Flow Control (Includes Items 10, 11 and O-Ring)	
	89-0993	Diaphragm Assy., Old Style (Red Debris Arrestor, w/White Center Cup)	

Flo-Pro Series, 1 Inch Globe



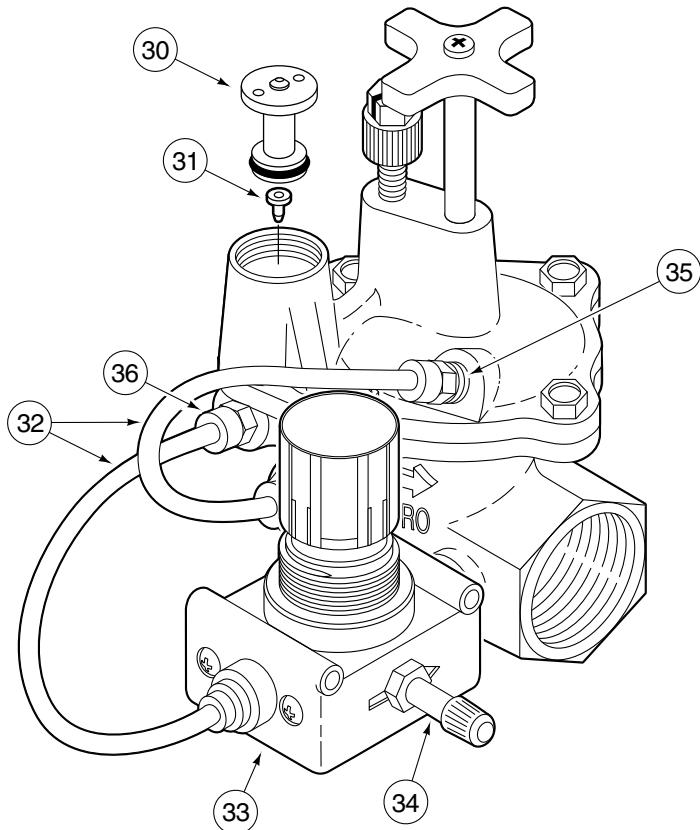
Item No.	Part No.	Description	Quantity Per Assy.
1	89-0880	Cap, Solenoid	1
2	89-0889	Solenoid Assy. w/o Wires (Includes Item 4)	1
3	89-0114	Solenoid Assy. with Wires (Includes Item 4)	1
4	363-3138	O-Ring, 1/6" x 5/8"	1
5	35-8292	Knob (Flow Control Models)	1
6	89-9987	Cap (Flow Control Models)	1
7	89-9986	Cap (w/o Flow Control)	1
8	89-0069	Seat Assy., Discharge	1
9	89-1155	Washer, PTFE (Flow Control Models)	1
10	-----	Stem Assy., Flow Control (See Service Item 89-0142)	1
11	-----	Nut, Flow Control (See Service Item 89-0142)	1
12	89-2042	Spring, Diaphragm	1
13	89-3423	Bearing, Spring Sleeve (Flow Control Models)	1
14	89-9861	Diaphragm Assy. (Rubber, w/Black Center Cup)	1
15	89-0117	Body Assy., 1", F x F x F, NPT	1
15	89-0118	Body Assy., 1", F x F x F, BSP	1
SERVICE ITEMS			
	89-4104	Drip Kit, Flow Control (Includes Items 10-13)	
	89-0142	Stem Assy., Flow Control (Includes Items 10, 11 and O-Ring)	
	89-0993	Diaphragm Assy., Old Style (Red Debris Arrestor, w/White Center Cup)	

216 Series, 1 Inch (Sheet 1 of 2)



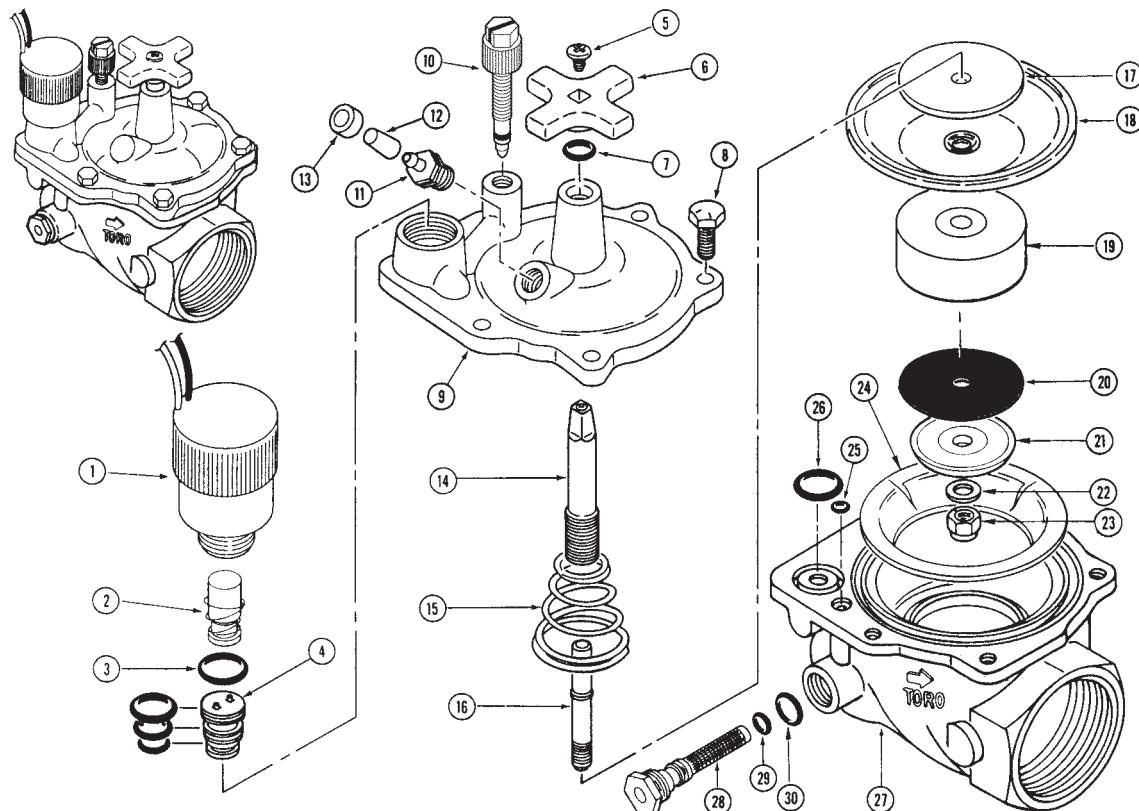
Item No.	Part No.	Description	Quantity Per Assy.
1	89-1673	Solenoid Assy.	1
2	35-4717	Plunger Assy., with Spring, EL	1
2	35-4609	Plunger Assy., with Spring, PR	1
3	360-0220	O-Ring, 0.070" x 0.551" x 0.691", EL & PR	1
4	89-5824	Cap, Valve, EL	1
4	89-5823	Cap, Valve, NO.	1
4	89-5825	Cap, Valve, PR	1
5	89-3407	Actuator Assy., EL (Includes O-Rings)	1
6	102-0208	Bleed Screw Assy.	1
7	360-0498	Screw, Machine #8-32 x 1/4"	1
8	9-4527	Handle, Cross	1
9	360-0107	O-Ring, 0.070" x 0.301" x 0.441"	1
10	89-6507	Stem, Flow Control, EL & PR (Includes Items 7 & 8)	1
11	*900-24	Adapter, Poly, NO	1
12	89-8157	Cap, Poly, NO Hyd.	1
13	*900-40	Retainer, Tube, NO & PR	1
14	360-0595	Screw, Machine, 1/4-20 x 1/2"	4
15	9-5146	Spring, Diaphragm	1
16	9-5552	Shaft, Diaphragm	1
17	9-4562	Plate, Support, Diaphragm Upper	1
18	9-4567	Diaphragm	1
19	35-2651	Spacer, Diaphragm	1
20	35-2857	Seat	1
21	35-7214	Retainer, Seat	1
22	360-0593	Nut, #10-24	1
23	35-2639	Support, Diaphragm	1

216 Series, 1 Inch (Sheet 2 of 2)



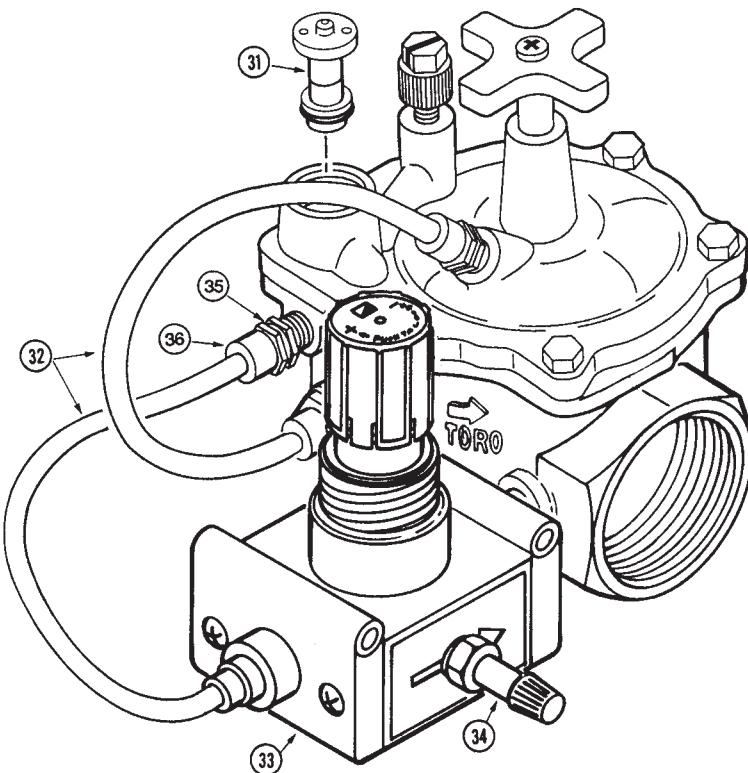
Item No.	Part No.	Description	Quantity Per Assy.
24	35-4953	Body, Valve, Brass, EL, NPT	1
24	35-4959	Body, Valve, Brass, NO, NPT	1
24	35-5755	Body, Valve, Brass, EL, BSP	1
24	35-4963	Body, Valve, Brass, PR, NPT	1
24	35-5759	Body, Valve, Brass, PR, BSP	1
24	35-5757	Body, Valve, Brass, NO, BSP	1
25	360-0530	O-Ring, 0.070" x 0.145" x 0.285", EL and PR	1
26	360-0220	O-Ring, 0.070" x 0.551" x 0.691", EL and PR	1
27	9-5365	Filter Assy., EL (Includes Items 28 & 29)	1
27	35-4619	Filter Assy., 0.025, Regulator, PR (Includes Item 28)	1
28	360-0494	O-Ring, 0.070" x 0.426" x 0.566"	1
29	360-0497	O-Ring, 0.070" x 0.239" x 0.379", EL	1
30	35-5680	Plug Assy., 2-Way, PR	1
31	35-6363	Plug, Communication, PR	1
32	9-2623	Tube, 1/4" x 8", PR	2
33	363-3140	Regulator, Water Pressure, PR	1
34	363-1762	Valve, Schrader, 1/8" NPT, PR	1
35	*900-24	Adapter, Poly, PR	1
36	*900-40	Retainer, Tube, PR	3
N/I	363-3154	Nipple, Close, Brass, 1/8" NPT, PR	1
SERVICE ITEMS			
	360-0418	Petcock, 1/8", NPT	
	9-8581	Solenoid Assy. EL (Includes Items 1 & 2)	
	35-3099	Solenoid Assy., PR (Includes Items 1 & 2)	
	9-5359	Diaphragm Assy. (Includes Items 16-22)	
	89-6406	Cap Assy., 1", EL (Includes Items 4 and 6-10)	
	89-6407	Cap Assy., 1", PR (Includes Items 4 and 6-10)	
	89-6408	Cap Assy., 1", NO (Includes Items 4 and 7-10)	
* Order Through Finished Goods Distribution System—Minneapolis			

216 Series, 1.25 and 1.5 Inch (Sheet 1 of 2)



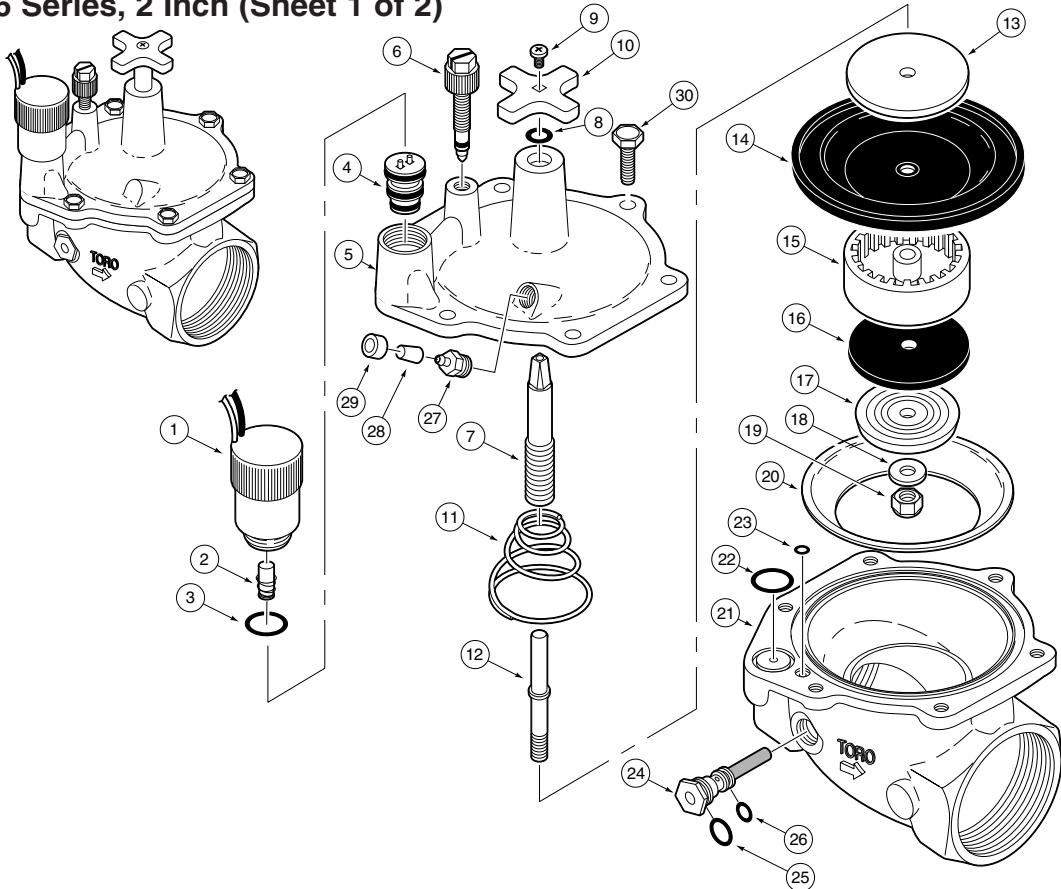
Item No.	Part No.	Description	Quantity Per Assy.
1	89-1673	Solenoid Assy.,	1
2	35-4717	Plunger Assy., with Spring, EL	1
2	35-4609	Plunger Assy., with Spring, PR	1
3	360-0220	O-Ring, 0.070" x 0.551" x 0.691", EL & PR	1
4	89-3407	Actuator Assy., EL (Includes O-Rings)	1
5	360-0498	Screw, Machine 8-32 x 1/4"	1
6	9-4527	Handle, Cross	1
7	360-0493	O-Ring, 0.070" x 0.364" x 0.504"	1
8	360-0499	Screw, Machine, 1/4-20 x 3/4"	5
9	89-5827	Cap, Valve, NO	1
9	89-5828	Cap, Valve, EL,	1
9	89-5829	Cap, Valve, PR,	1
10	102-0208	Bleed Screw Assy., EL and PR (Includes O-Ring)	1
11	*900-24	Adapter, Poly, NO	1
12	89-8157	Cap, Poly., NO	1
13	*900-40	Retainer, Tube, NO and PR	1
14	9-4424	Stem, Flow Control	1
15	102-0637	Spring, Diaphragm	1
16	9-5551	Shaft, Valve, 1.5"	1
17	9-5590	Plate, Support Diaphragm	1
18	9-4428	Diaphragm	1
19	35-2453	Spacer, Diaphragm	1
20	9-4420	Seat	1
21	9-4419	Retainer, Seat	1
22	360-0140	Washer, Flat, 1/4"	1
23	360-0594	Nut, Hex #10-24	1
24	35-2452	Support, Diaphragm	1
25	360-0530	O-Ring, 0.070" x 0.145" x 0.285"	1
26	360-0220	O-Ring, 0.070" x 0.551" x 0.691", EL & PR	1
27	89-1868	Body, Valve, 1-1/4", NO Hyd., NPT	1
27	89-1871	Body, Valve, 1-1/4", NO Hyd., BSP	1
27	89-1869	Body, Valve, 1-1/4", EL, NPT	1
27	89-1872	Body, Valve, 1-1/4", EL, BSP	1

216 Series, 1.25 and 1.5 Inch (Sheet 2 of 2)



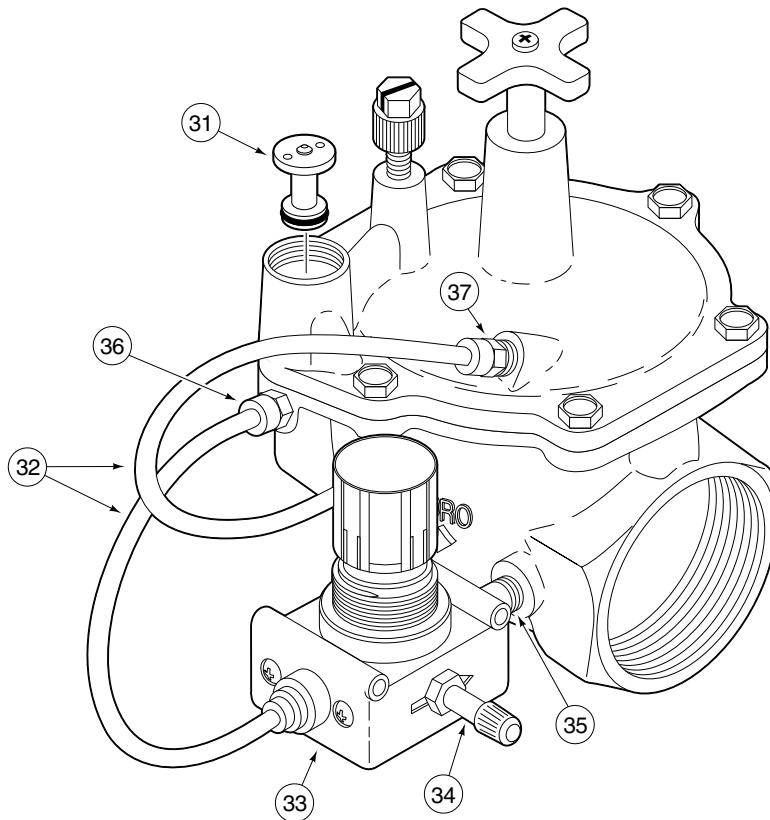
Item No.	Part No.	Description	Quantity Per Assy.
27	89-1870	Body, Valve, 1.25", PR, NPT	1
27	89-1873	Body, Valve, 1.25", PR, BSP	1
27	35-2731	Body, Valve, 1.5", NO, NPT	1
27	35-2733	Body, Valve, 1.5", NO, BSP	1
27	35-2730	Body, Valve, 1.5", EL, NPT	1
27	35-2732	Body, Valve, 1.5", EL, BSP	1
27	35-2840	Body, Valve, 1.5", PR, NPT	1
27	35-4839	Body, Valve, 1.5", PR, BSP	1
28	9-5365	Filter Assy., EL (Includes Items 29 & 30)	1
28	35-4619	Filter Assy., PR (Includes Item 29)	1
29	360-0497	O-Ring, 0.070" x 0.239" x 0.375", EL	1
30	360-0494	O-Ring, 0.070" x 0.426" x 0.566"	1
31	35-5680	Plug Assy., 2-Way, PR	1
32	9-2623	Tube, 1/4"x 8", PR	2
33	363-3140	Regulator Assy., Pressure, PR	1
34	363-1762	Valve Assy., Schrader, 1/8" NPT, PR	1
35	*900-24	Adapter, Poly, PR	1
36	*900-40	Retainer, Tube, PR	3
N/I	363-1760	Nipple, Close, Brass, 1/8" NPT, PR	1
SERVICE ITEMS			
	360-0418	Petcock, 1/8" NPT	
	35-3099	Solenoid Assy., 1.25", PR (Includes Items 1 & 2)	
	9-8581	Solenoid Assy., 1.25", EL (Includes Items 1 & 2)	
	9-5361	Diaphragm Assy. (Includes Items 16-23)	
	102-0637	Spring, Diaphragm, 1.5"	
	89-6381	Cap Assy., EL, Svc. (Includes Items 5-7 and 14)	
	89-6382	Cap Assy., PR, Svc. (Includes Items 5-7 and 14)	
	89-6383	Cap Assy., NO, Svc. (Includes Items 5-7 and 14)	
* Order Through Finished Goods Distribution System-Minneapolis			

216 Series, 2 Inch (Sheet 1 of 2)



Item No.	Part No.	Description	Quantity Per Assy.
1	89-1673	Solenoid Assy., EL & PR	1
2	35-4717	Plunger Assy. w/Spring, EL	1
2	35-4609	Plunger Assy. w/Spring, PR	1
3	360-0220	O-Ring, 0.070" x 0.551" x 0.691", EL & PR	1
4	89-3407	Actuator Assy., EL (Includes O-Rings)	1
5	89-5832	Cap, Valve, EL (Post-10/93)	1
5	89-5831	Cap, Valve, NO Hyd.	1
5	89-5833	Cap, Valve, PR (Post-10/93)	1
6	102-0208	Bleed Screw Assy., EL & PR (Includes O-Ring)	1
7	9-4543	Shaft, Flow Control	1
8	360-0493	O-Ring, 0.070" x 0.364" x 0.504"	1
9	360-0498	Screw, Machine 8-32 x 1/4"	1
10	9-4527	Handle, Cross	1
11	89-1652	Spring, Diaphragm	1
12	9-7534	Shaft, Diaphragm	1
13	35-3139	Plate, Support Diaphragm, Upper	1
14	9-4542	Diaphragm, 2"	1
15	35-3141	Spacer, Diaphragm	1
16	35-3142	Seat	1
17	9-4536	Retainer, Seat	1
18	360-0140	Washer, Flat, 1/4"	1
19	360-0594	Nut, Hex 1/4-20	1
20	9-4541	Plate, Support, Diaphragm	1
21	35-3110	Body, Valve, EL, NPT	1
21	35-3111	Body, Valve, NO, NPT	1
21	35-4841	Body, Valve, EL, BSP	1
21	35-4843	Body, Valve, NO, BSP	1
21	35-3112	Body, Valve, PR, NPT	1
21	35-4844	Body, Valve, PR, BSP	1
22	360-0220	O-Ring, 0.070" x 0.551" x 0.691", EL & PR	1
23	360-0530	O-Ring, 0.070" x 0.145" x 0.285", EL & PR	1

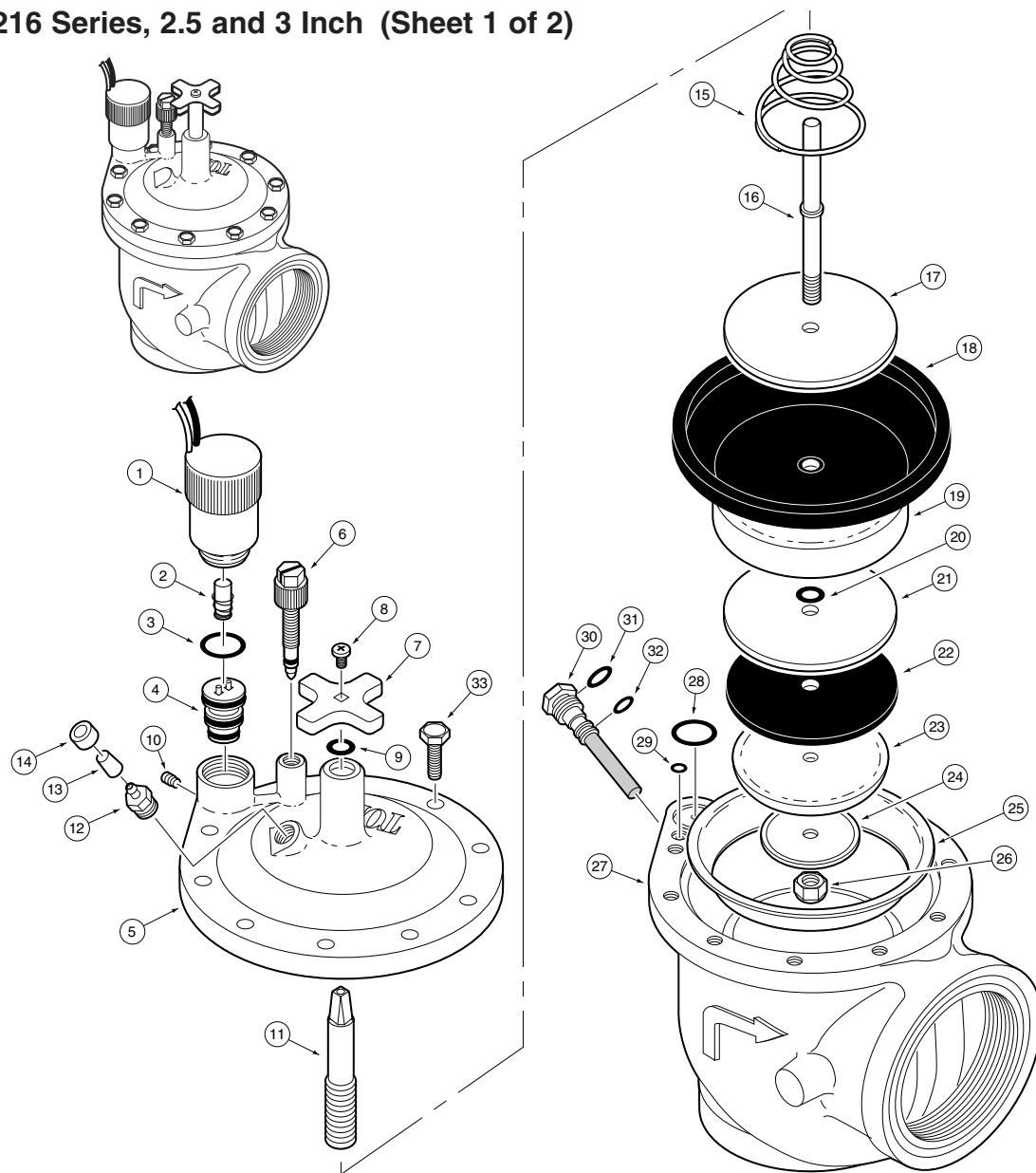
216 Series, 2 Inch (Sheet 2 of 2)



Item No.	Part No.	Description	Quantity Per Assy.
24	9-7681	Filter Assy., EL (Includes Items 25 & 26)	1
24	35-4619	Filter Assy., PR (Includes Item 25)	1
25	360-0494	O-Ring, 0.070" x 0.426" x 0.566", EL & PR	1
26	360-0497	O-Ring, 0.070" x 0.239" x 0.379", EL	1
27	*900-24	Adapter, Poly, NO & PR	1
28	89-8157	Cap, Poly 1/4", Hyd.	1
29	*900-40	Retainer, Tube	1
30	360-0499	Screw, Machine, 1/4-20 x 3/4"	6
31	35-5680	Plug Assy., 2-Way, PR	1
32	9-2623	Tube, 1/4" x 8", PR	2
33	363-3140	Regulator, Pressure, Brass Valve, PR	1
34	363-1762	Valve Assy., Schrader, 1/8" NPT, PR,	1
35	363-3154	Nipple, Close, Brass, 1/8" NPT, PR	1
36	*900-40	Retainer, Tube, PR	3
37	*900-24	Adapter, Poly, PR	2
SERVICE ITEMS			
	360-0418	Petcock, 1/2" NPT	
	35-3099	Solenoid Assy., PR (Includes Items 1 & 2)	
	9-8581	Solenoid Assy. (Includes Items 1 & 2)	
	9-5363	Diaphragm Assy. (Includes Items 12-19)	
	35-4892	Regulator Assy., PR (Includes Items 33-35)	
	89-6384	Cap Assy., EL, Svc. (Includes Items 5-10)	
	89-6385	Cap Assy., PR, Svc. (Includes Items 5-10)	
	89-6386	Cap Assy., NO, Svc. (Includes Items 5 and 7-10)	

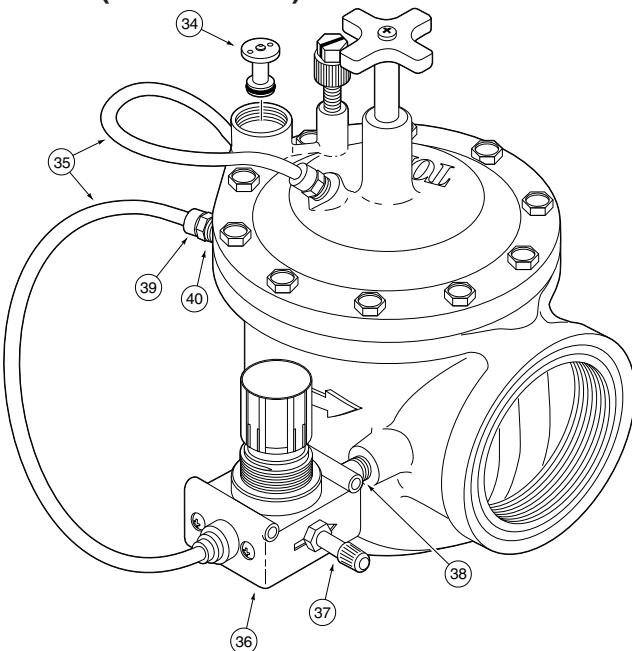
* Order Through Finished Goods Distribution System—Minneapolis

216 Series, 2.5 and 3 Inch (Sheet 1 of 2)



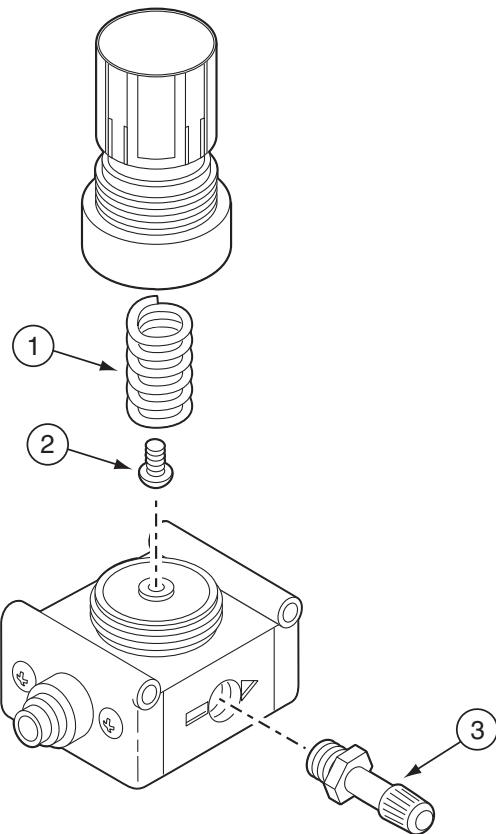
Item No.	Part No.	Description	Quantity Per Assy.
1	89-1673	Solenoid Assy. EL& PR	1
2	35-4717	Plunger Assy. w/Spring, EL	1
2	35-4609	Plunger Assy. w/Spring, PR	1
3	360-0220	O-Ring, 0.070" x 0.551" x 0.691", EL & PR	1
4	89-3407	Actuator Assy., EL (Includes O-Rings)	1
5	89-5835	Cap, Valve, NO, Shallow Diaphragm Groove (Post-10/93)	1
5	89-5836	Cap, Valve, EL, Shallow Diaphragm Groove (Post-10/93)	1
5	89-5837	Cap, Valve, PR, Shallow Diaphragm Groove,(Post-10/93)	1
6	102-0208	Bleed Screw Assy., EL & PR (Includes O-Ring)	1
7	9-4527	Handle, Cross	1
8	360-0498	Screw, Machine 8-32 x 1/4"	1
9	360-0493	O-Ring, 0.070" x 0.364" x 0.504"	1
10	360-0223	Screw, Set, Half-dog Point, 6-32 x 1/4", EL and PR	1
11	9-4543	Shaft, Flow Control	1
12	*900-24	Adapter, Poly, NO and PR	1
13	89-8157	Cap, Poly 1/4", NO	1
14	*900-40	Retainer, Tube, NO	1
15	89-1744	Spring, Diaphragm	1
16	9-7534	Shaft, Diaphragm	1

216 Series, 2.5 and 3 Inch (Sheet 2 of 2)



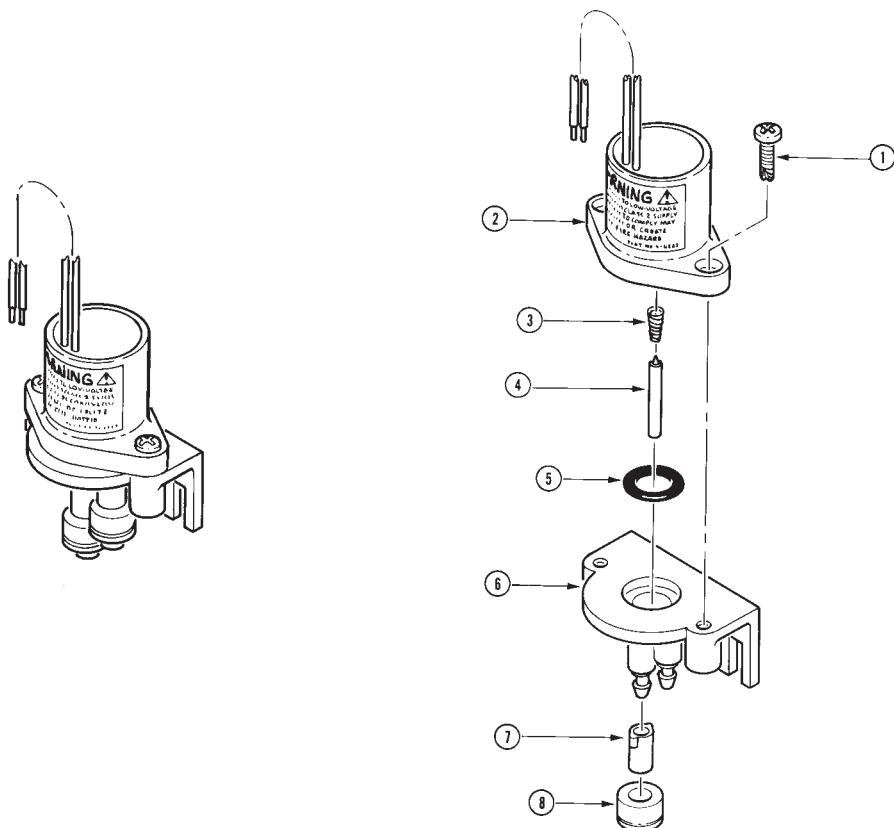
Item No.	Part No.	Description	Quantity Per Assy.
17	9-7412	Plate, Support Diaphragm, Upper	1
18	89-7866	Diaphragm, Shallow Groove (Post-10/93)	1
18	89-9433	Diaphragm, (Includes Item 25)	1
19	35-1403	Spacer, Diaphragm	1
20	360-0497	O-Ring, 0.070" x 0.239" x 0.379"	1
21	35-1401	Support, Seat	1
22	35-1402	Seat	1
23	35-1410	Retainer, Seat	1
24	9-4415	Washer Retainer	1
25	89-8126	Support, Diaphragm	1
26	360-0594	Nut, Hex 1/4-20 x 3/4"	1
27	89-6389	Body, Valve, 2.5", NO, Shallow Diaphragm Groove (Post-10/93)	1
27	89-6390	Body, Valve, 3", NO, Shallow Diaphragm Groove (Post-10/93)	1
27	89-6391	Body, Valve, 2.5", EL, Shallow Diaphragm Groove (Post-10/93)	1
27	89-6392	Body, Valve, 3", EL, Shallow Diaphragm Groove (Post-10/93)	1
27	89-6388	Body, Valve, 2.5", PR, Shallow Diaphragm Groove (Post-10/93)	1
27	89-6387	Body, Valve, 3", PR, Shallow Diaphragm Groove (Post-10/93)	1
28	360-0220	O-Ring, .070" x 0.551" x 0.691", EL & PR	1
29	360-0530	O-Ring, .070" x 0.145" x 0.285", EL & PR	1
30	9-7681	Filter Assy., EL (Includes Items 31 & 32)	1
30	35-4931	Filter Assy., PR (Includes Items 31)	1
31	360-0494	O-Ring, 0.070" x 0.426" x 0.566", EL & PR	1
32	360-0497	O-Ring, 0.070" x 0.239" x 0.379", EL	1
N/I	9-8011	Tube, Discharge, EL	1
33	360-0499	Screw, Machine, 1/4-20 x 3/4"	10
34	35-5680	Plug Assy., 2-Way, PR	1
36	363-3140	Regulator Assy., Pressure, PR	1
37	363-1762	Valve Assy., Schrader, 1/8" NPT, PR	1
38	363-3154	Nipple, Brass Close, 1/8" NPT, PR	1
35	9-2623	Tube, 1/4" x 8", PR	2
39	*900-40	Retainer, Tube, PR	3
40	3-3362	Adapter, Poly 1/8" x 1/4", NO	1
SERVICE ITEMS			
	360-0418	Petcock, 1/8" NPT	
	35-3099	Solenoid Assy., PR (Includes Items 1 & 2)	
	9-8581	Solenoid Assy., EL (Includes Items 1 & 2)	
	35-4892	Regulator Assy., Valve, PR (Includes Items 36-38)	
	89-6418	Cap Assy., EL, Shallow Diaphragm Groove (Post-10/93) (Includes Items 5-11)	
	89-6417	Cap Assy., NO, Shallow Diaphragm Groove (Post-10/93) (Includes Items 5 and 7-11)	
	89-6419	Cap Assy., PR, Shallow Diaphragm Groove (Post-10/93) (Includes Items 5-11)	
	89-4825	Diaphragm w/Retrofit Seal, Deep Groove (Pre-10/93)	
	89-6420	Diaphragm Assy. w/Retrofit Seal, Deep Groove (Pre-10/93) (Includes Items 16-26)	
	89-6421	Diaphragm Assy., Shallow Groove (Post-10/93) (Includes Items 16-26)	
	* Order Through Finished Goods Distribution System—Minneapolis		

Pressure Regulator



Item No.	Part No.	Description	Quantity Per Assy.
1	363-3498	Spring	1
2	363-3499	Screw	1
3	363-1762	Valve, Schrader, 1/8" NPT	1

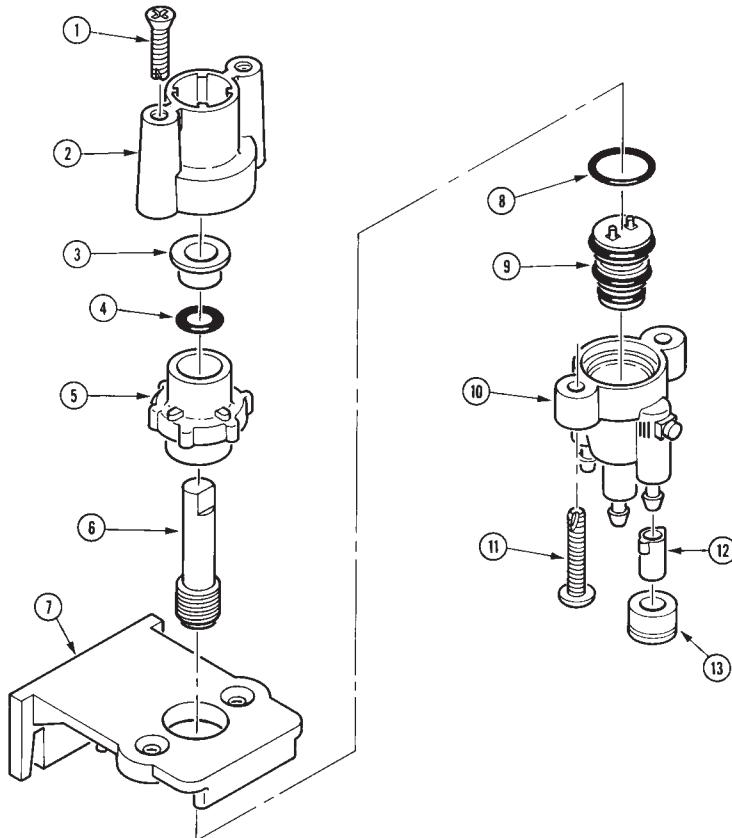
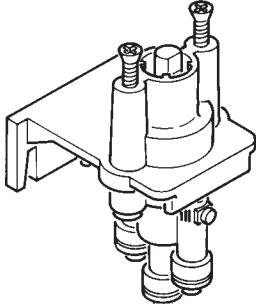
2-Way Pilot Valve, 284-60-00



Item No.	Part No.	Description	Quantity Per Assy.
1	360-0715	Screw, Tap, #10	2
2	89-0878	Solenoid Assy. (Includes Items 2-4)	1
3	9-6148	Spring, Plunger, Solenoid	1
4	9-6527	Plunger Assy.	1
5	2-9652	O-Ring, 7/16" x 5/8"	1
6	9-8280	Body Assy., Valve	1
7	89-8157	Cap, Poly	2
8	*900-40	Retainer, Tube	2

* Order Through Finished Goods Distribution System—Minneapolis

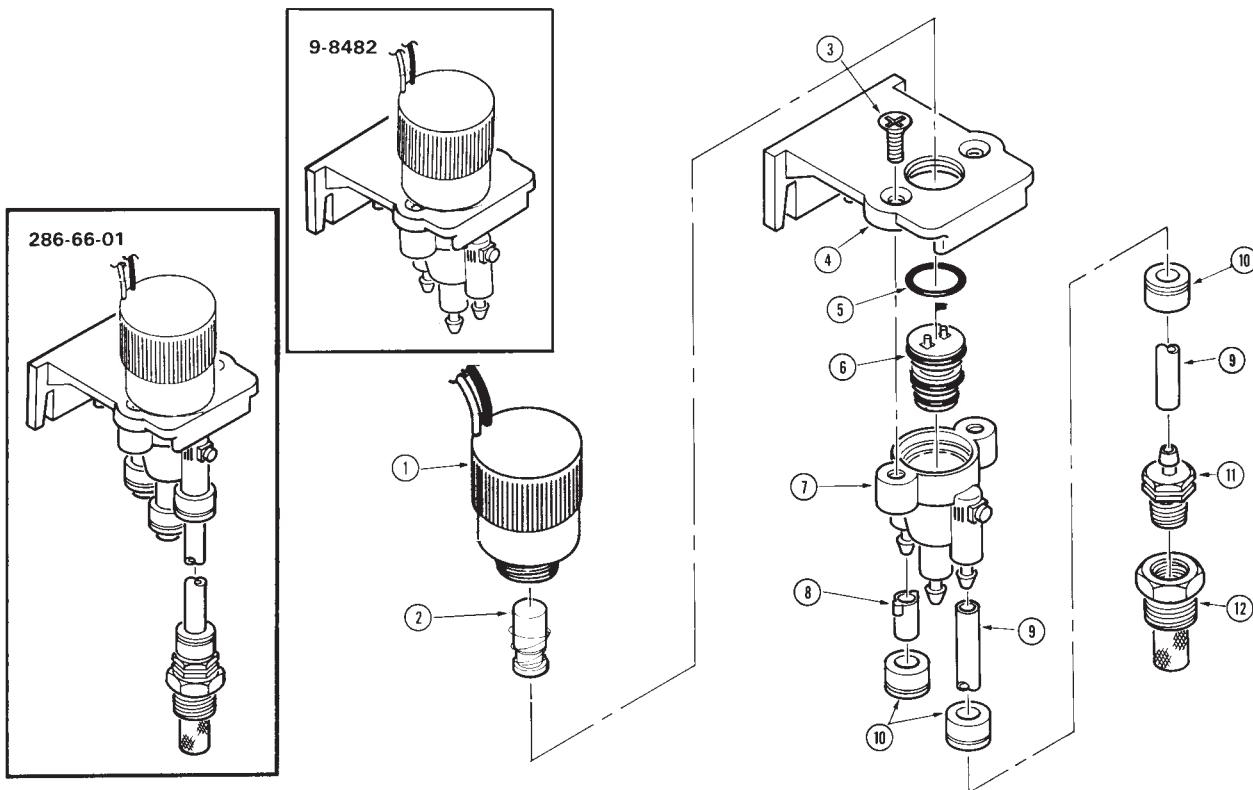
Manual Actuator



Item No.	Part No.	Description	Quantity Per Assy.
1	360-0561	Screw, Tap, #8	2
2	9-7803	Adapter (Includes Item 3)	1
3	9-7800	Retainer, O-Ring	1
4	2-9652	O-Ring, 7/16" x 5/8"	1
5	9-7799	Cap	1
6	9-7798	Stem, Control	1
7	9-8055	Bracket, Mounting	1
8	360-0220	O-Ring, 0.070" x 0.551" x 0.691"	1
9	89-3407	Actuator Assy.	1
10	35-0992	Body Assy., Pilot Valve	1
11	363-1244	Screw, Tap, #8	2
12	89-8157	Cap, Poly	3
13	*900-40	Retainer, Tube	3

* Order Through Finished Goods Distribution System—Minneapolis

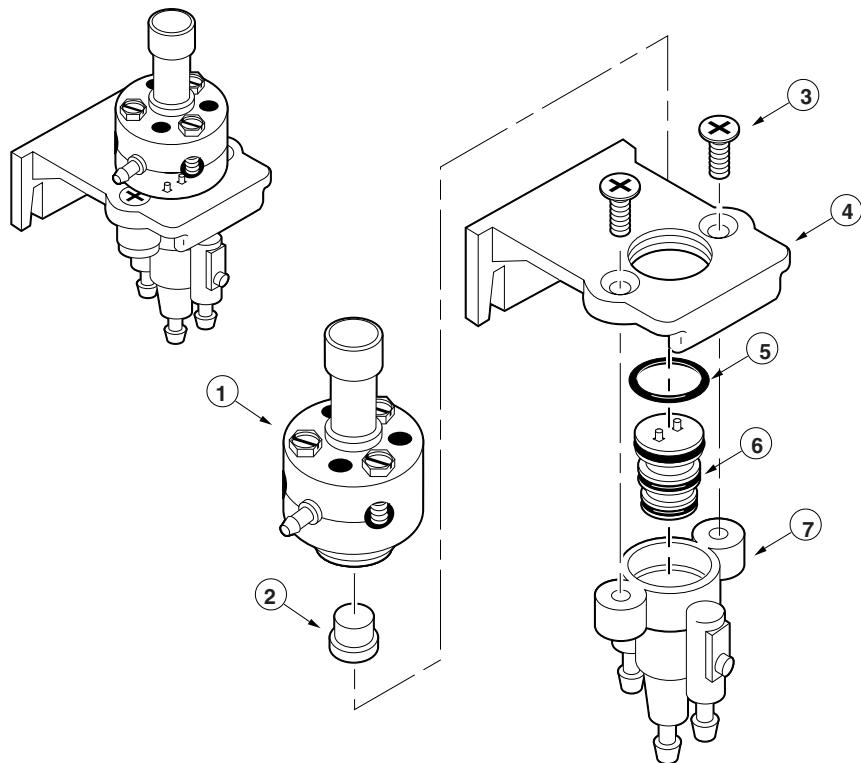
3-Way Actuator



Item No.	Part No.	Description	Quantity Per Assy.
1	89-1673	Solenoid Assy.	1
2	35-4717	Plunger Assy.	1
3	363-1030	Screw, Machine, 10-24 x 1/2"	2
4	9-8055	Bracket, Mounting	1
5	360-0220	O-Ring, 0.070" x 0.551" x 0.691"	1
6	89-3407	Actuator Assy.	1
7	35-0992	Body Assy., Pilot Valve (Used with 286-66-01)	1
7	35-7153	Body Assy., Pilot Valve (Used with 9-8482)	1
8	89-8157	Cap, Poly (Used with 286-66-01)	1
9	9-1482	Tube, 1/4" x 36" (Used with 286-66-01)	1
10	*900-40	Retainer, Tube (Used with 286-66-01)	3
11	89-8157	Adapter, Poly (Used with 286-66-01)	1
12	995-14	Fitting, Screen, Supply (Used with 286-66-01)	1
SERVICE ITEMS			
	35-4603	Kit, Service Assy. (Includes Items 3-7) (Used with 286-66-01)	
	35-4602	Kit, Service Assy. (Includes Items 3-7) (Used with 9-8482)	

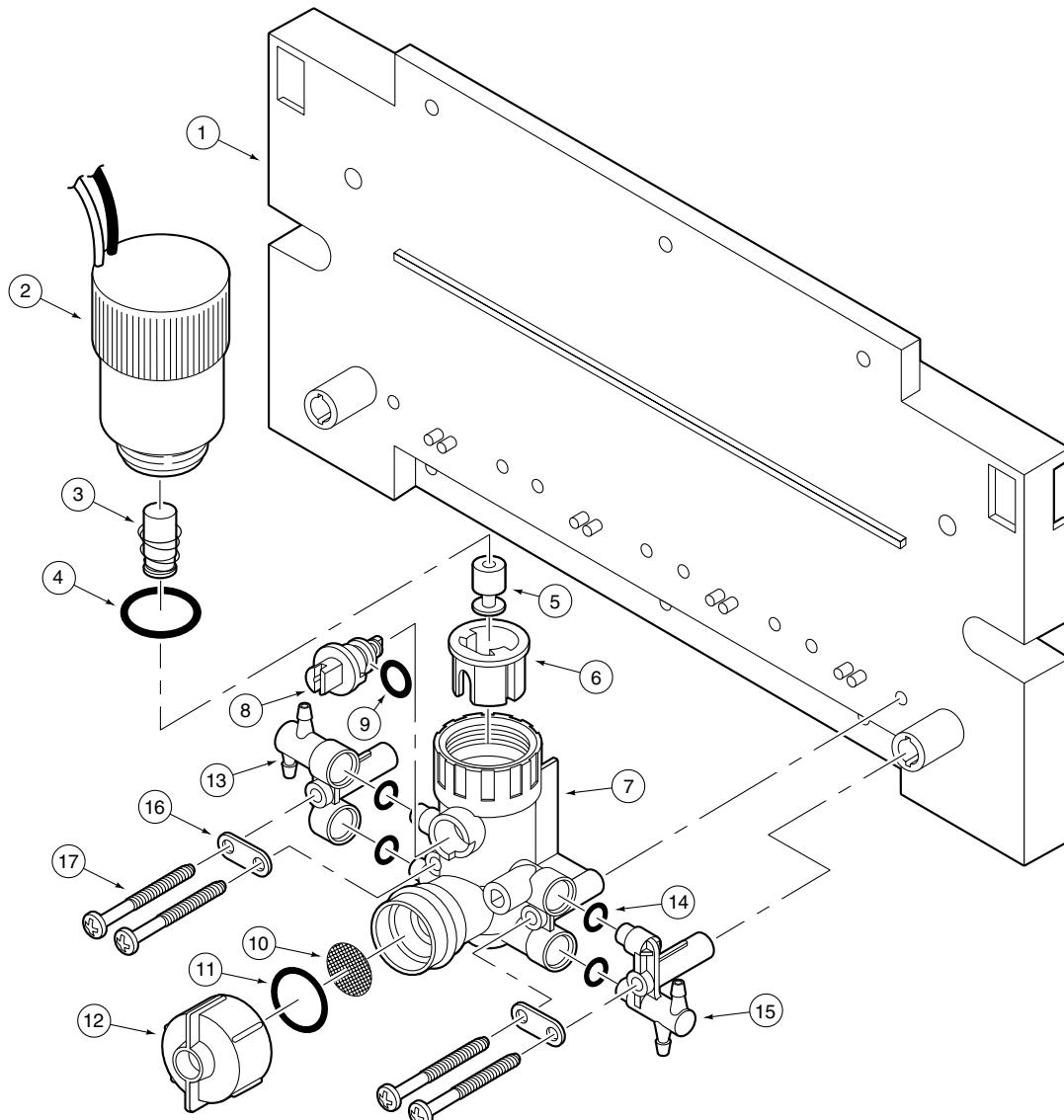
* Order Through Finished Goods Distribution System—Minneapolis

3-Way Actuator, Normally Closed



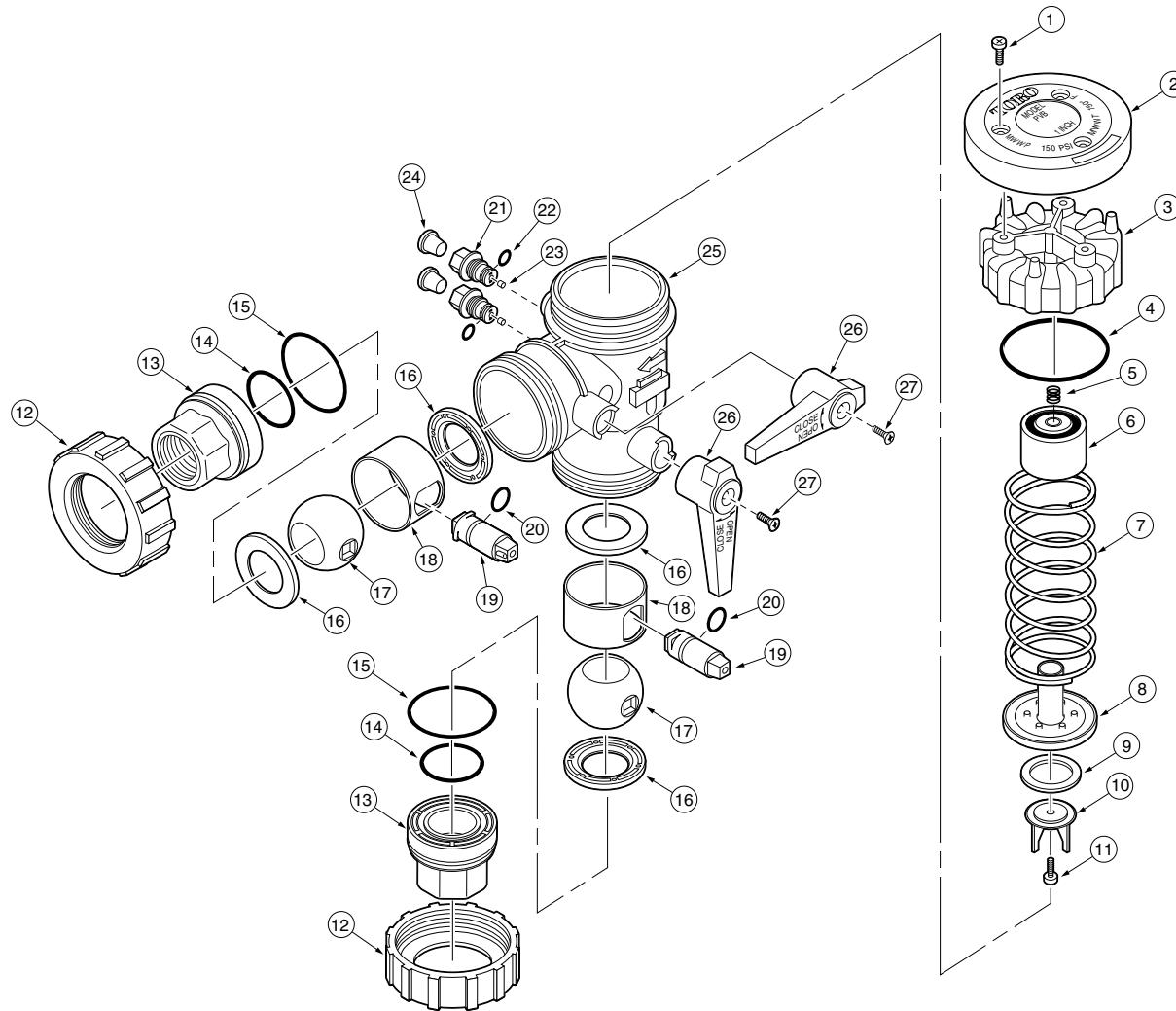
Item No.	Part No.	Description	Quantity Per Assy.
1	89-6005	Adapter, Pilot Valve, NC	1
2	89-7869	Shuttle	1
3	363-1030	Screw, Machine, 10-24 x 1/2"	2
4	9-8055	Bracket, Mounting	1
5	360-0220	O-Ring, 0.070" x 0.551" x 0.691"	1
6	89-3407	Actuator Assembly (Includes O-Rings)	1
7	35-7153	Body Assy., Pilot Valve	1
SERVICE ITEMS			
	35-4603	Kit, Service Assy. (Includes Items 3-8)	

Electric-Hydraulic Converter Module Assembly



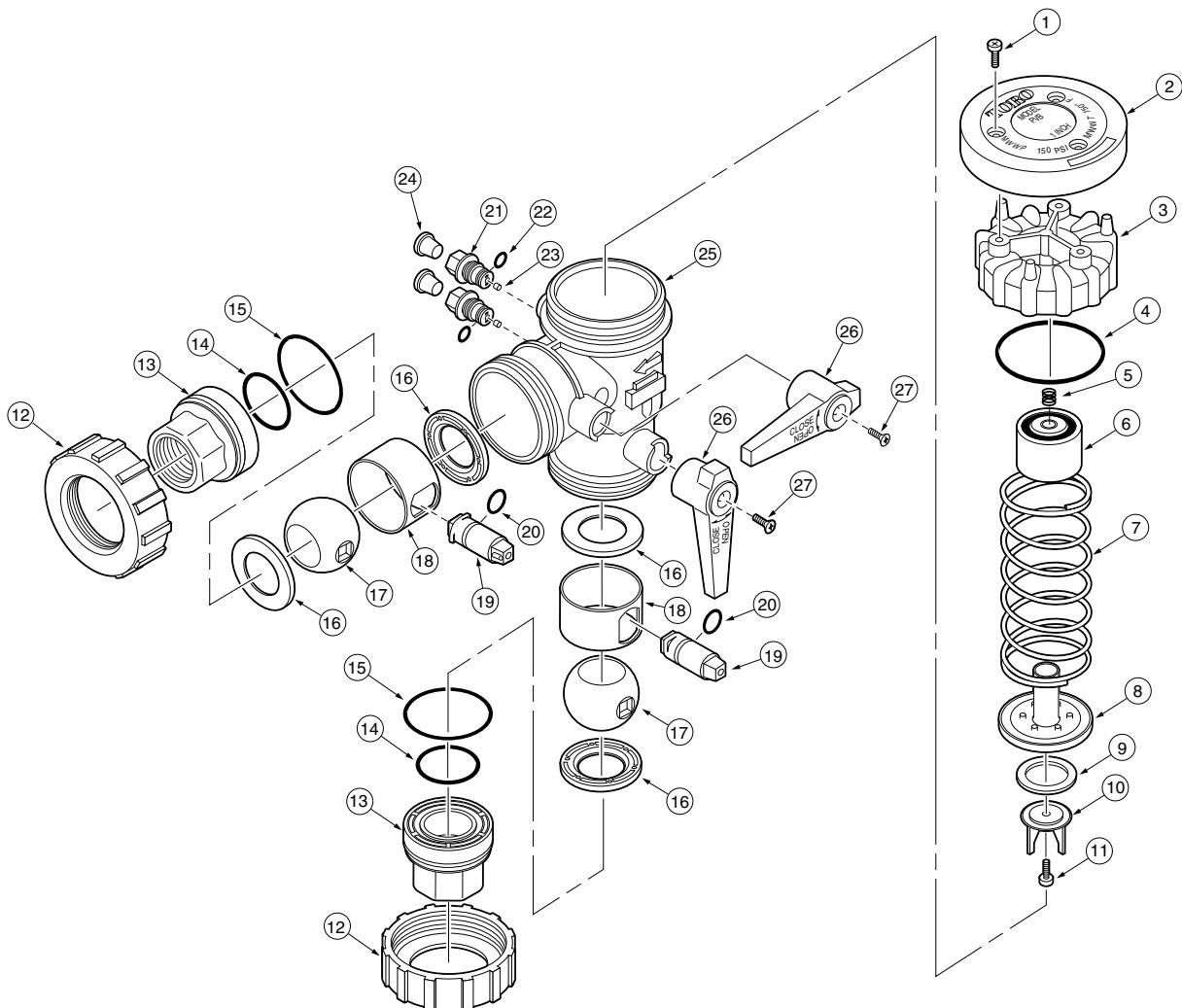
Item No.	Part No.	Description	Quantity Per Assy.
1	89-1662	Baseplate	1
2	89-5985	Solenoid Assy.	4
3	35-4717	Plunger Assy.	4
4	360-0220	O-Ring	4
5	102-5359	Plunger, Shuttle	4
6	102-5360	Sleeve	4
7	89-8203	Body Assy., NO with White Pins on Actuator	4
7	89-8204	Body Assy., NC with Black Pins on Actuator	4
8	102-4636	Stem, Manual, NO (White)	4
8	102-4637	Stem, Manual, NC (Black)	4
9	360-0497	O-Ring	4
10	89-0371	Screen, Filter	4
11	360-0402	O-Ring	4
12	102-4638	Cap, Filter	4
12	89-8205	Cap Assy., Blind	4
13	102-4641	Tee, Female	1
14	2-9654	O-Ring	10
15	102-4642	Tee, Male	1
16	89-1675	Strap, Tie	2
17	363-3158	Screw, #6 x 1.25"	7

Pressure Vacuum Breaker (Sheet 1 of 2)



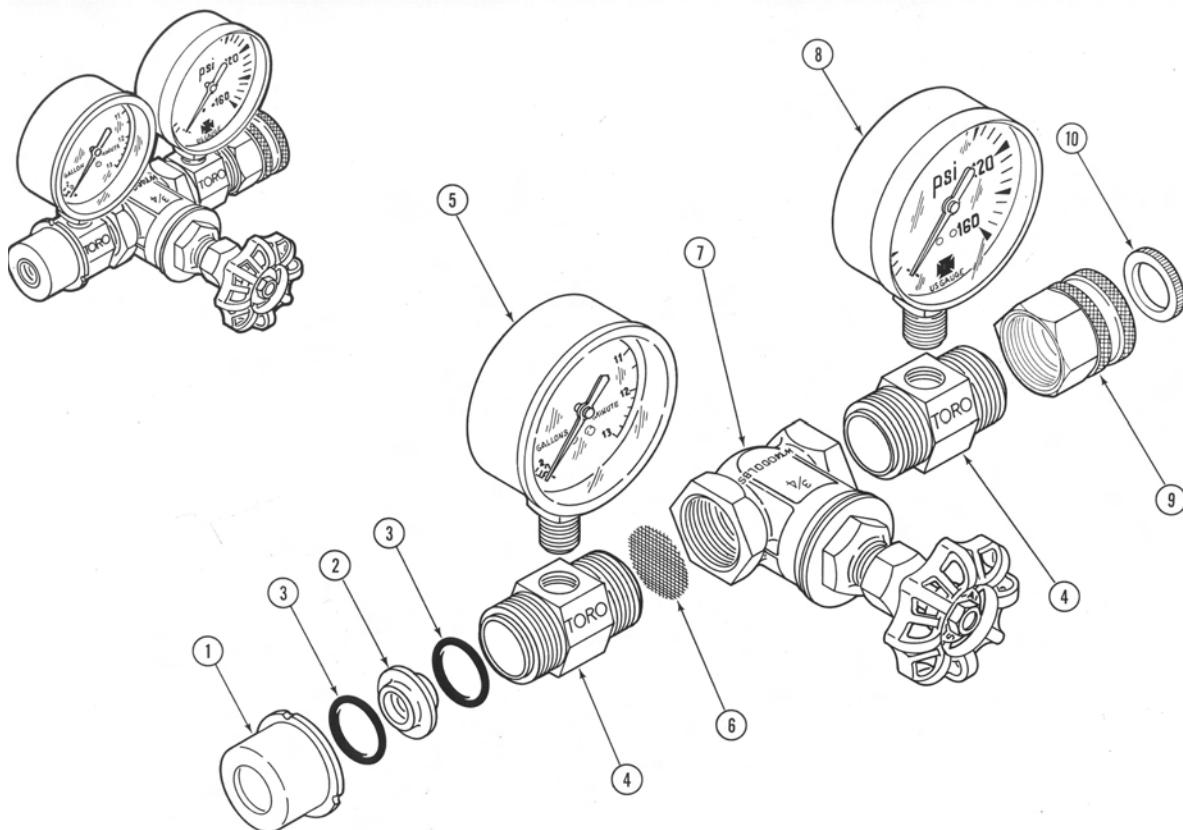
Item No.	Part No.	Description	Quantity Per Assy.
1	360-0715	Screw, Tap, #10, PHFH, SST	3
2	89-5809	Cover, 3/4"	1
2	89-5808	Cover, 1"	1
3	89-6019	Cap	1
4	400-0261	O-Ring	1
5	80-0528	Spring, Float Release	1
6	- - - - -	Core, Float	1
7	80-0527	Spring	1
8	- - - - -	Valve, Check (See Service Item 80-0553, p. 125)	1
9	- - - - -	Disc (See Service Item 80-0553, p. 125)	1
10	- - - - -	Guide (See Service Item 80-0553, p. 125)	1
11	363-1444	Screw, Tap, #6, PHPH, SST	1
12	89-5810	Nut, Union	2
13	89-6012	Union Adapter Assy., 3/4" S x S (Includes Item 14)	1
13	89-6013	Union Adapter Assy., 3/4" NPT (Includes Item 14)	1
13	89-6014	Union Adapter Assy., 1" S x S (Includes Item 14)	1
13	89-6015	Union Adapter Assy., 1" NPT (Includes Item 14)	1
13	89-6016	Union Adapter Assy., 1" BSP (Includes Item 14)	1
14	360-0155	O-Ring	2
15	363-1418	O-Ring	2
16	80-0211	Seal	4
17	89-5812	Ball	2
18	80-0209	Ring, Valve	2
19	80-0552	Stem	2

Pressure Vacuum Breaker (Sheet 2 of 2)



Item No.	Part No.	Description	Quantity Per Assy.
20	360-0402	O-Ring	2
21	89-4727	Test Cock	2
22	360-0107	O-Ring	2
23	89-4728	Seal, Test Cock	2
24	363-1415	Plug, 1/8" NPT	2
25	89-5879	Body, PVB	1
26	80-0125	Handle	2
27	363-1030	Screw	2
SERVICE ITEMS			
	80-0553	Check Valve Assy. (Includes Items 8-11)	
	89-5878	Assy., Test Cock (Includes Items 21-24)	
	89-5879	Assy., Body (Includes Items 16-25)	
	89-5880	Kit, Union Adapter, 3/4" S x S (Includes Items 12-15)	
	89-5881	Kit, Union Adapter, 3/4" NPT (Includes Items 12-15)	
	89-5882	Kit, Union Adapter, 1" S x S (Includes Items 12-15)	
	89-5883	Kit, Union Adapter, 1" NPT (Includes Items 12-15)	
	89-5884	Kit, Union Adapter, 1" BSP (Includes Items 12-15)	
	89-6006	Kit, Float Assy. (Includes Items 3-6)	

Flow Gauge, Model 995-01



Item No.	Part No.	Description	Quantity Per Assy.
1	9-4576	Threaded Insert – 3/4"	1
2	5-311	Orifice Plate	1
3	360-0596	O-Ring	2
4	9-6023	Nipple	2
5	5-309	Flow Gauge	1
6	5-307	Filter Screen	1
7	5-301	Gate Valve – 3/4"	1
8	5-308	Pressure Gauge	1
9	5-303	Hose to Pipe Fitting	1
10	5-401	Hose Washer – 3/4"	1