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Form No. 3365-165 Rev A

Parts Catalog

216 Series Valve

Model No. 216 Series

Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustration and in parts lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

List of Abbreviations

AR: as required

ASM: assembly

BBC: blade brake control

BHTF: button head thread forming

CARR: carriage

CCW: counter clockwise

CW: clockwise

DEG: degrees

ECM: electronic control module

EXT: external

FH: flat head

GA: gauge

HD: heavy-duty

HF: hex flange

HH: hex head

HHF: hex head flange

HHFTF: hex head flange thread forming

HJ: hex jam

HLH: hex lag head

HOC: height-of-cut

HSBH: hex socket button head

HSFH: hex socket flat head

HSH: hex socket head

HWH: hex washer head

HWHTF: hex washer head thread forming

HYD: hydraulic

LH: left hand

NI: nylon insert

NPTF: national pipe thread fine

PFH: phillips flat head

PPH: phillips pan head

PPHTF: phillips pan head thread forming

PRH: phillips round head

PTH: phillips truss head

PTO: power-take-off

RH: right hand

ROPS: roll-over protection system

RRB: rear roller brush

SFH: slotted fillister head

SHH: slotted hex head

SHWH: slotted hex washer head

SPH: slotted pan head

SQH: square head

SRH: slotted round head

STD: standard

TAP: self tapping

TTH: torx truss head

Contents

216 Valve Series 1 Inch Assembly 4

216 Valve Series 1 inch Assembly - Regulator 6

216 Valve Series 1-1/4 and 1-1/2 Inch Assembly 7

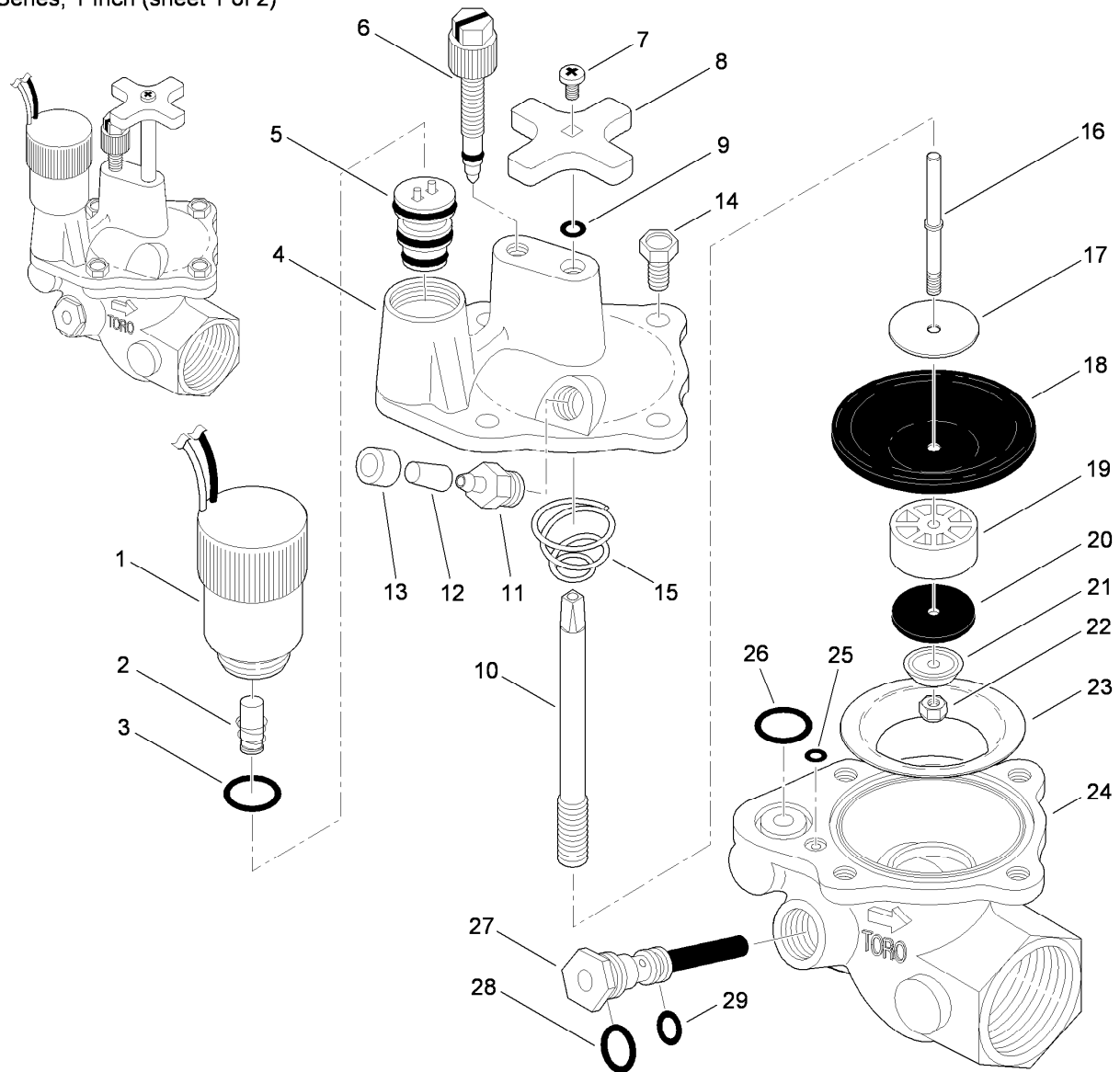
216 Valve Series 1-1/4 and 1-1/2 Inch Assembly - Regulator 9

216 Valve Series 2 Inch Assembly..... 10

216 Valve Series 2 Inch Assembly - Regulator 12

216 Valve Series 2-1/2 and 3 Inch Assembly 13

216 Valve Series 2-1/2 and 3 Inch Assembly - Regulator..... 15

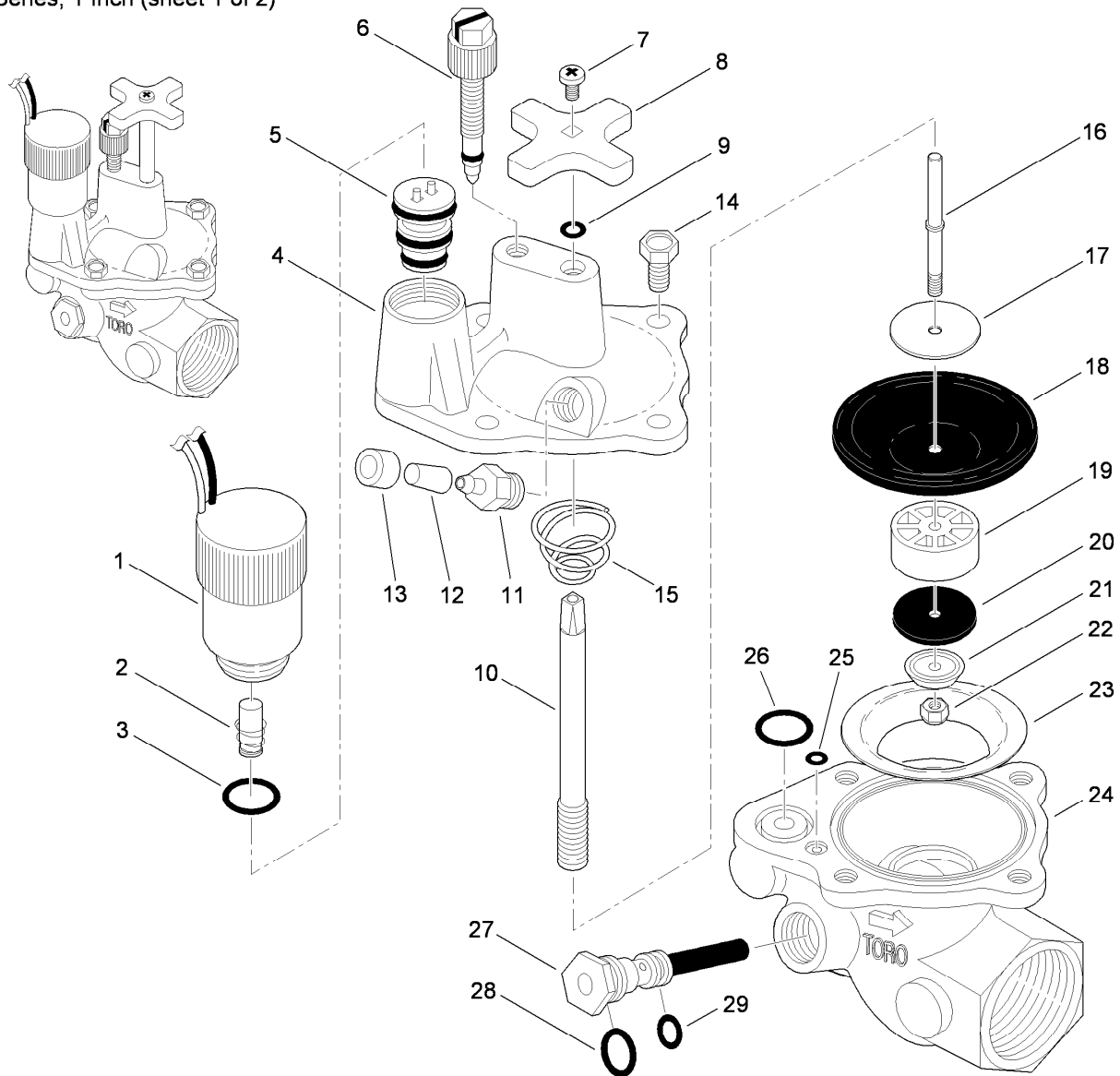


216 Valve Series 1 Inch Assembly

Ref.	Part Number	Qty.	Description
1	89-1673	1	Solenoid ASM
2	35-4717	1	Plunger ASM With Spring, EI
2	35-4609	1	Plunger ASM, EI, Pr And Cr
3	360-0220	1	O-Ring (0.070 X 0.551 X 0.691)
4	89-5824	1	Cap-Valve, EI
4	89-5823	1	Cap-Valve, No
4	89-5825	1	Cap-Valve, Pr
5	89-3407	1	Actuator ASM, EI (Incl. O-Rings)
6	102-0208	1	Bleed Screw ASM
7	360-0498	1	Screw-Machine
8	9-4527	1	Handle-Cross
9	360-0107	1	O-Ring (0.070 X 0.301 X 0.441)

Ref.	Part Number	Qty.	Description
10	89-6507	1	Stem-Flow Control, EI And Pr (Incl. 7-8)
11	900-24	1	Adapter-Poly, No ●
12	89-8157	1	Cap-Poly, 1/4
13	900-40	1	Retainer-Tube ●
14	360-0595	4	Screw-Machine
15	9-5146	1	Spring-Diaphragm
16	9-5552	1	Shaft-Diaphragm
17	9-4562	1	Plate-Support, Diaphragm Upper
18	9-4567	1	Diaphragm
19	35-2651	1	Spacer-Diaphragm
20	35-2857	1	Seat
21	35-7214	1	Retainer-Seat
22	360-0593	1	Nut
23	35-2639	1	Support-Diaphragm
24	35-4953	1	Body-Valve, Brass, EI, Npt

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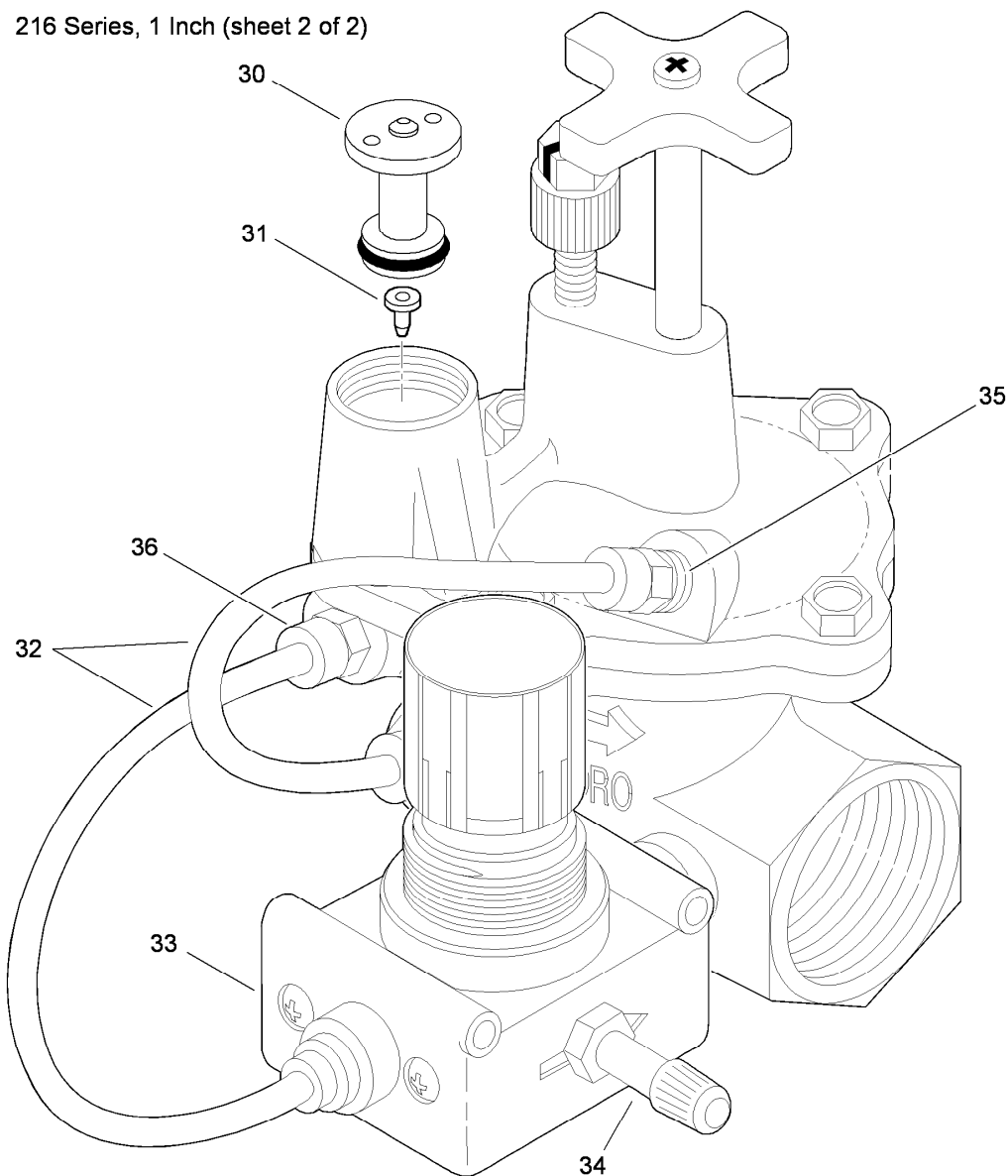


216 Valve Series 1 Inch Assembly (continued)

Ref.	Part Number	Qty.	Description
24	35-4959	1	Body-Valve, Brass, No, Npt
24	35-5755	1	Body-Valve, Brass, El, Bsp
24	35-4963	1	Body-Valve, Brass, Pr, Npt
24	35-5759	1	Body-Valve, Brass, Pr, Bsp
24	35-5757	1	Body-Valve, Brass, No, Bsp
25	360-0530	1	O-Ring, El And Pr (0.070 X 0.145 X 0.285)
26	360-0220	1	O-Ring (0.070 X 0.551 X 0.691)

Ref.	Part Number	Qty.	Description
27	9-5365	1	Filter ASM, El
27	35-4619	1	Filter ASM, 1/4, Regulator, Pr And Cr
28	360-0494	1	O-Ring (0.070 X 0.426 X 0.566) Pr And Cr
29	360-0497	1	O-Ring, El (0.070 X 0.239 X 0.379)

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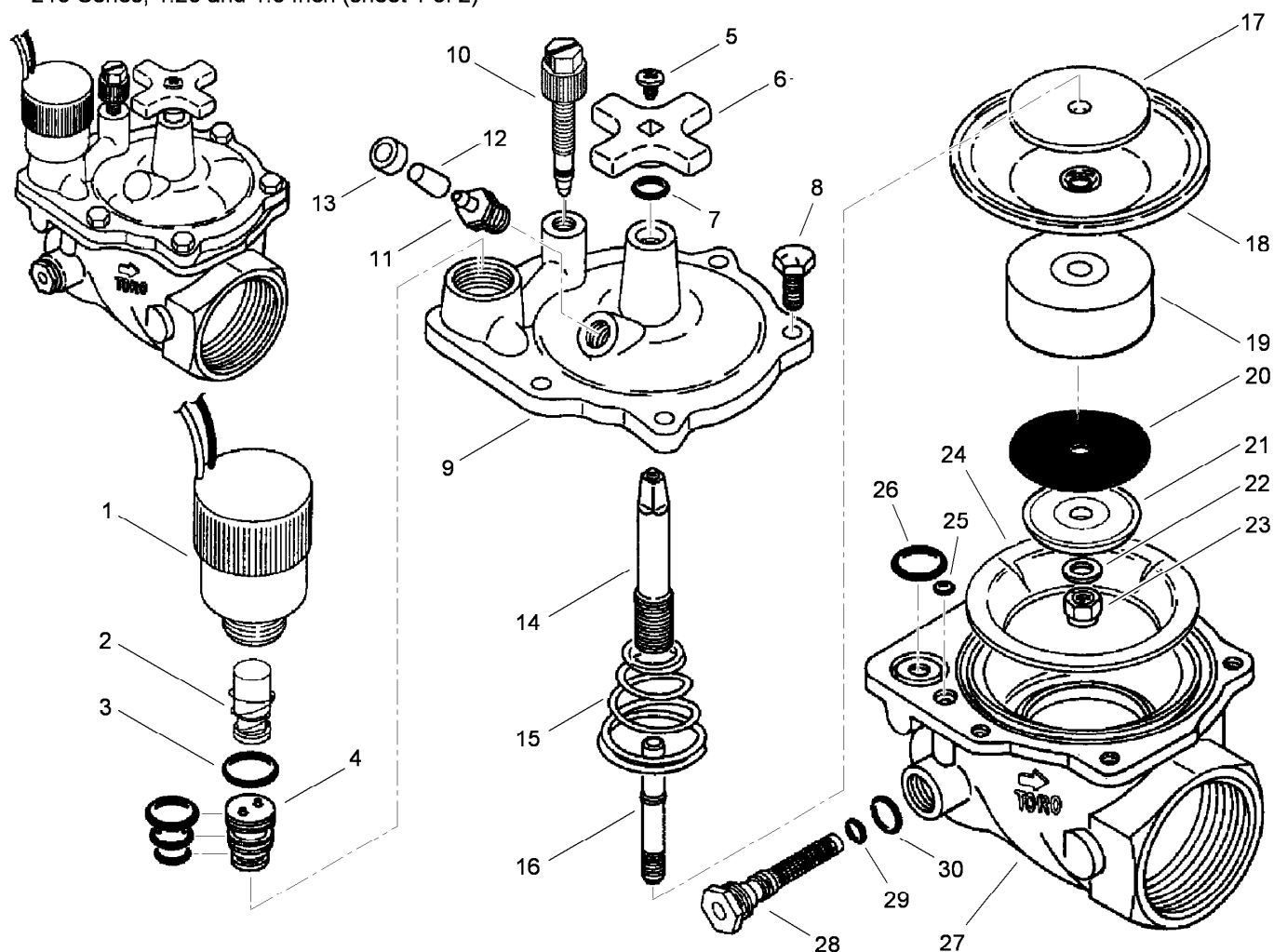


216 Valve Series 1 inch Assembly - Regulator

Ref.	Part Number	Qty.	Description
30	35-5680	1	2 Way Plug ASM, Pr
31	35-6363	1	Plug-Communication, Pr
32	9-2623	2	Tube, 1/4 X 8, Pr And Cr
33	363-3140	1	Regulator-Water Pressure, Pr
34	363-1762	1	Valve, 1/8, Pr, Npt
35	900-24	1	Adapter-Poly, No ■
36	900-40	3	Retainer-Tube ■
37	363-3154	1	Nipple-Close, Brass, Pr (1/8 Npt) ●
38	360-0418	1	Petcock, Npt (1/8) ●
39	9-8581	1	Solenoid ASM, EI ●
40	35-3099	1	Solenoid ASM, EI And Pr And Cr ●
41	9-5359	1	Diaphragm ASM (Incl. 16-22) ●
42	89-6406	1	Cap ASM 1, EI (Incl. 4 And 6-10) ●
43	89-6407	1	Cap ASM 1, Pr (Incl. 4 And 6-10) ●
44	89-6408	1	Cap ASM 1, No (Incl. 4 And 7-10) ●

● Not illustrated

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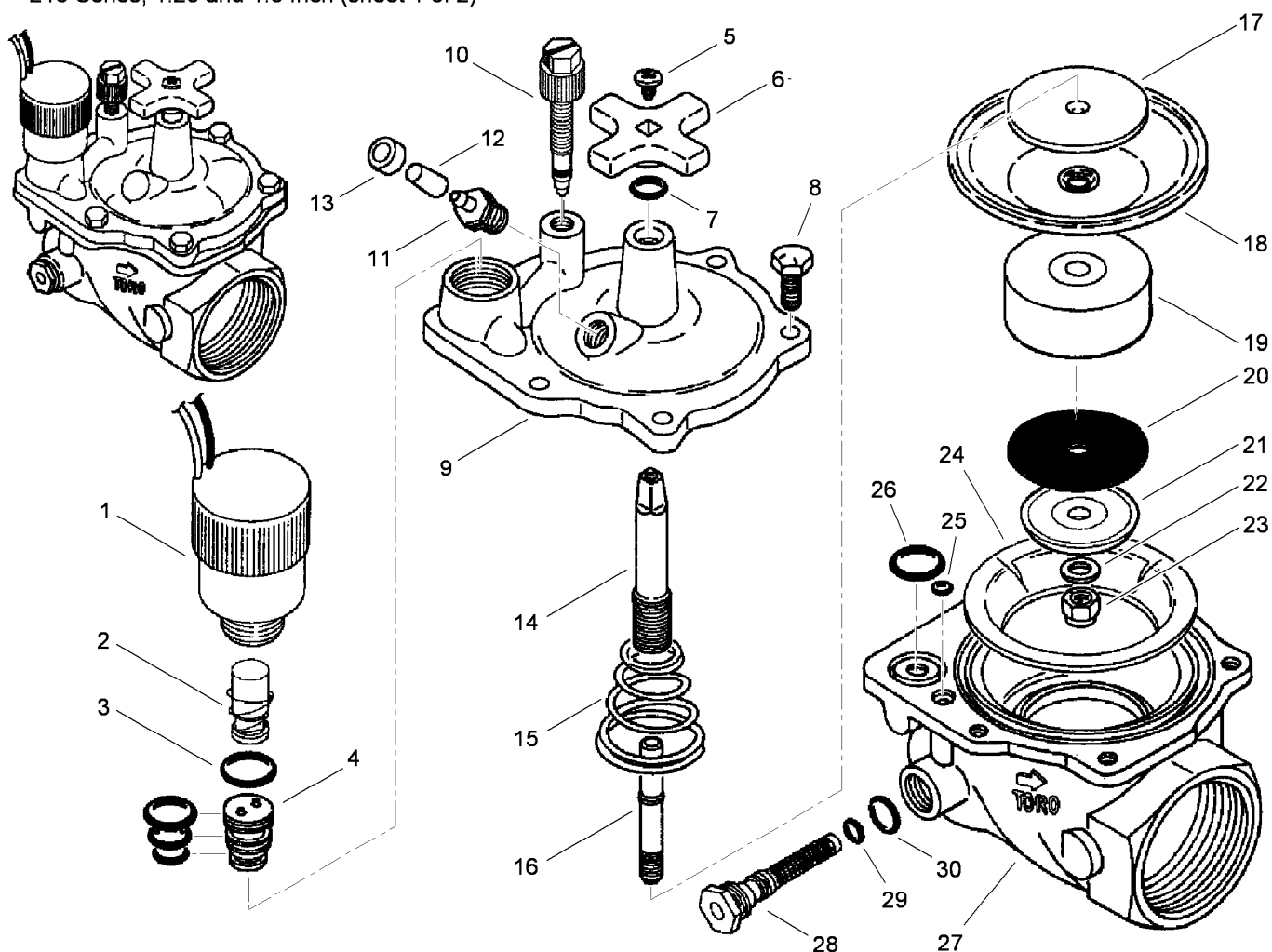


216 Valve Series 1-1/4 and 1-1/2 Inch Assembly

Ref.	Part Number	Qty.	Description
1	89-1673	1	Solenoid ASM
2	35-4717	1	Plunger ASM With Spring, EI
2	35-4609	1	Plunger ASM, EI, Pr And Cr
3	360-0220	1	O-Ring (0.070 X 0.551 X 0.691)
4	89-3407	1	Actuator ASM, EI (Incl. O-Rings)
5	360-0498	1	Screw-Machine
6	9-4527	1	Handle-Cross
7	360-0493	1	O-Ring (0.070 X 0.364 X 0.504)
8	360-0499	5	Screw-Machine
9	89-5827	1	Cap-Valve, No
9	89-5828	1	Cap-Valve, EI
9	89-5829	1	Cap-Valve, Pr
10	102-0208	1	Bleed Screw ASM

Ref.	Part Number	Qty.	Description
11	900-24	1	Adapter-Poly, No ●
12	89-8157	1	Cap-Poly, 1/4
13	900-40	1	Retainer-Tube ●
14	9-4424	1	Stem-Flow Control
15	102-0637	1	Spring-Diaphragm
16	9-5551	1	Shaft-Valve, 1.5
17	9-5590	1	Plate-Support, Diaphragm
18	9-4428	1	Diaphragm
19	35-2453	1	Spacer-Diaphragm
20	9-4420	1	Seat
21	9-4419	1	Retainer-Seat
22	360-0140	1	Washer-Flat
23	360-0594	1	Nut-Hex
24	35-2452	1	Support-Diaphragm
25	360-0530	1	O-Ring, EI And Pr (0.070 X 0.145 X 0.285)

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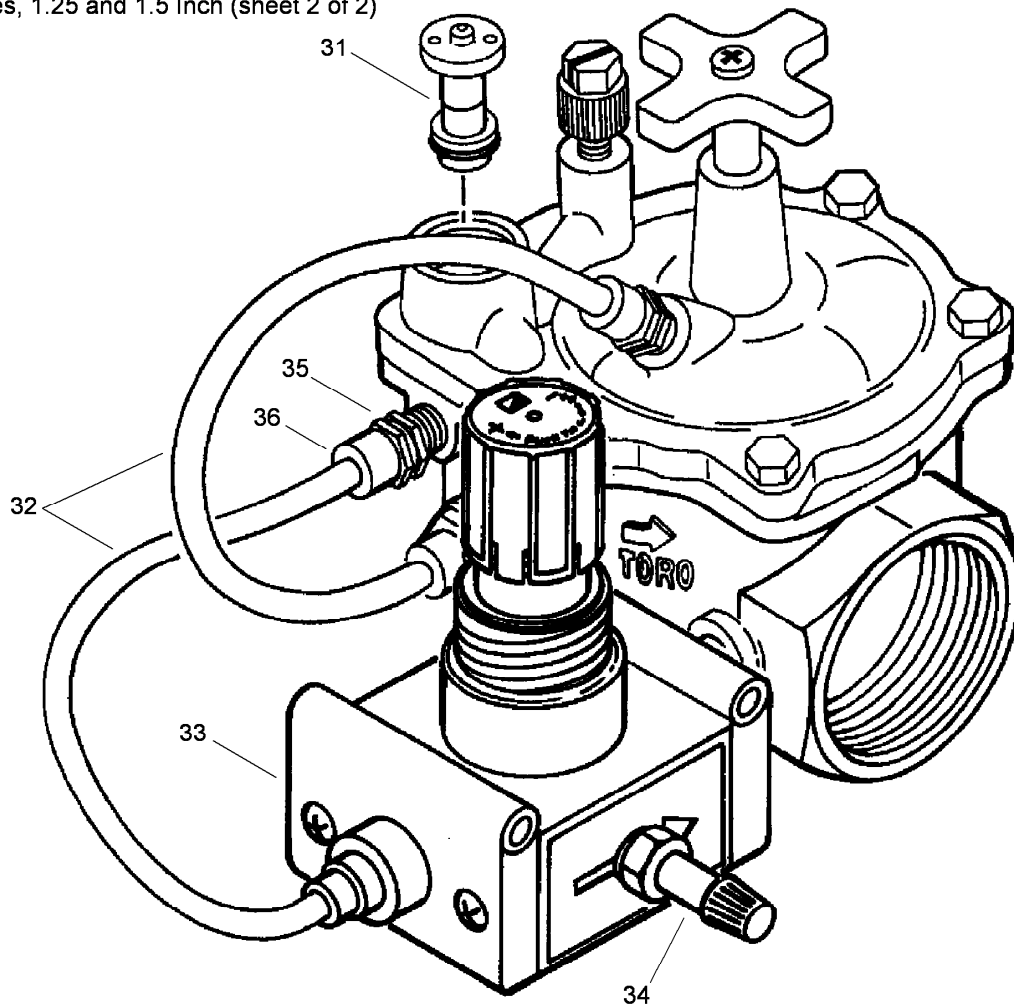


216 Valve Series 1-1/4 and 1-1/2 Inch Assembly (continued)

Ref.	Part Number	Qty.	Description
26	360-0220	1	O-Ring (0.070 X 0.551 X 0.691)
27	89-1868	1	Body-Valve, No HYD, Npt (1-1/4)
27	89-1871	1	Body-Valve, No HYD, Bsp (1-1/4)
27	89-1869	1	Body-Valve, El, Npt (1-1/4)
27	89-1872	1	Body-Valve, El, Bsp (1-1/4)
27	89-1870	1	Body-Valve, Pr, Npt (1-1/4)
27	89-1873	1	Body-Valve, Pr, Bsp (1-1/4)
27	35-2731	1	Body-Valve, No, Npt (1-1/2)
27	35-2733	1	Body-Valve, No, Bsp (1-1/2)

Ref.	Part Number	Qty.	Description
27	35-2730	1	Body-Valve, El, Npt (1-1/2)
27	35-2732	1	Body-Valve, El, Bsp (1-1/2)
27	35-2840	1	Body-Valve, Pr, Npt (1-1/2)
27	35-4839	1	Body-Valve, Pr, Bsp (1-1/2)
28	9-5365	1	Filter ASM, El
28	35-4619	1	Filter ASM, 1/4, Regulator, Pr And Cr
29	360-0497	1	O-Ring, El (0.070 X 0.239 X 0.379)
30	360-0494	1	O-Ring (0.070 X 0.426 X 0.566) Pr And Cr

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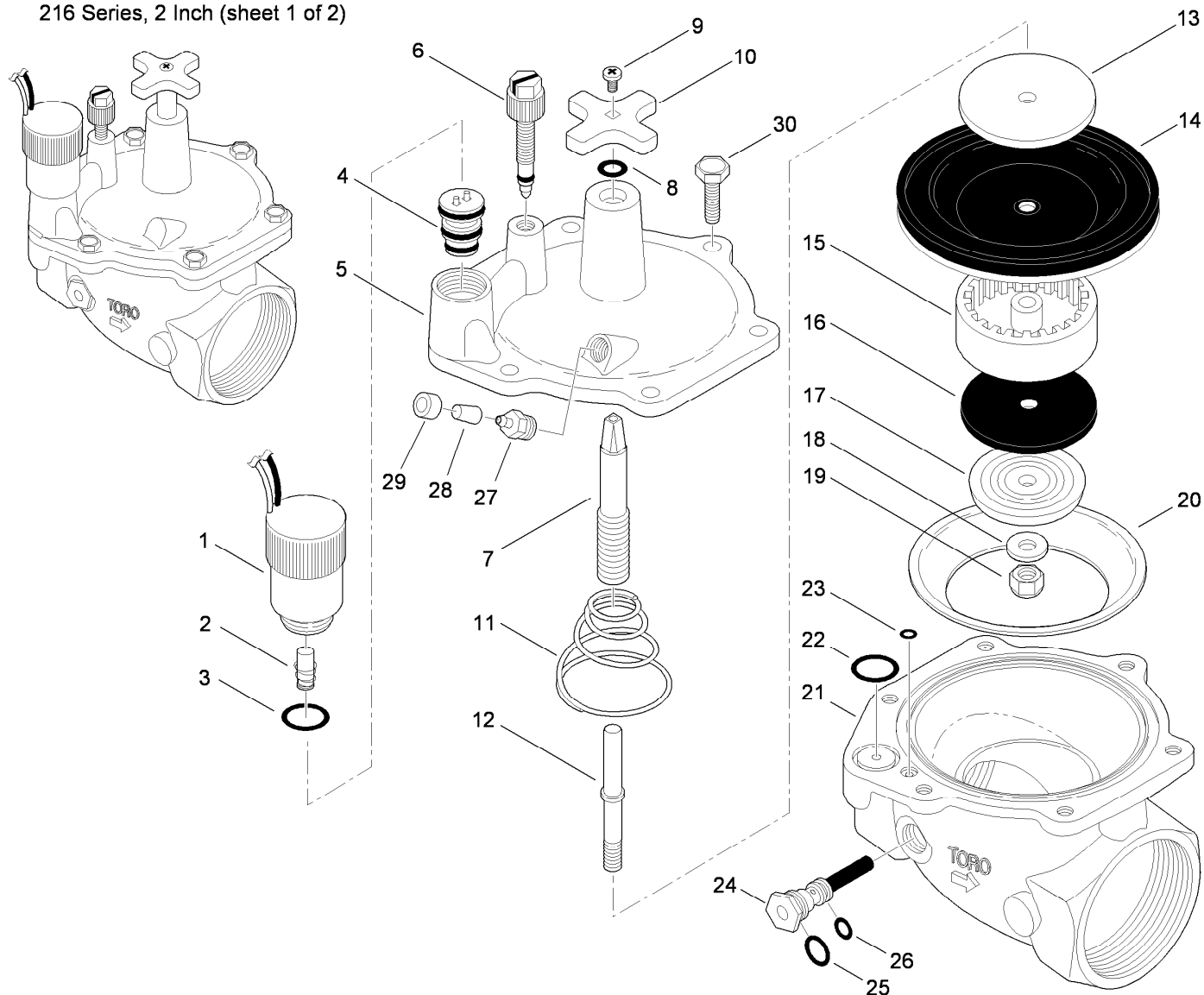


216 Valve Series 1-1/4 and 1-1/2 Inch Assembly - Regulator

Ref.	Part Number	Qty.	Description
31	35-5680	1	2 Way Plug ASM, Pr
32	9-2623	2	Tube, 1/4 X 8, Pr And Cr
33	363-3140	1	Regulator-Water Pressure, Pr
34	363-1762	1	Valve, 1/8, Pr, Npt
35	900-24	1	Adapter-Poly, No ■
36	900-40	3	Retainer-Tube ■
37	363-1760	1	Nipple-Close, Brass, 1/8 Npt, Pr ●
38	360-0418	1	Petcock, Npt (1/8) ●
39	35-3099	1	Solenoid ASM, El And Pr And Cr ●
40	9-8581	1	Solenoid ASM, El ●
41	9-5361	1	Diaphragm ASM (Incl. 16-23) ●
42	102-0637	1	Spring-Diaphragm ●
43	89-6381	1	Cap ASM El, Svc. (Incl. 5-7 And 14) ●
44	89-6382	1	Cap ASM Pr, Svc. (Incl. 5-7 And 14) ●
45	89-6383	1	Cap ASM No, Svc. (Incl. 5-7 And 14) ●

● Not illustrated

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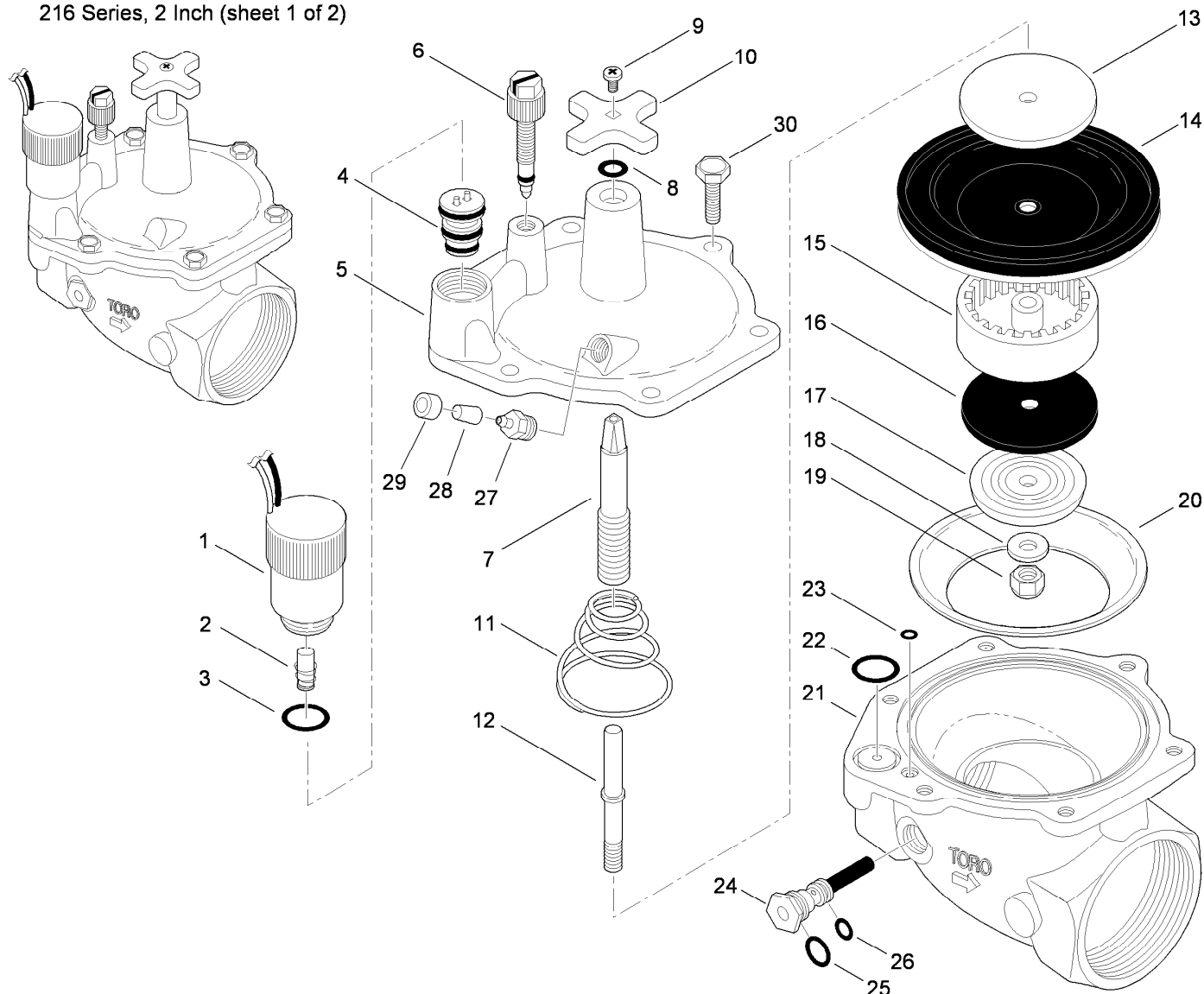


216 Valve Series 2 Inch Assembly

Ref.	Part Number	Qty.	Description
1	89-1673	1	Solenoid ASM
2	35-4717	1	Plunger ASM With Spring, EI
2	35-4609	1	Plunger ASM, EI, Pr And Cr
3	360-0220	1	O-Ring (0.070 X 0.551 X 0.691)
4	89-3407	1	Actuator ASM, EI (Incl. O-Rings)
5	89-5832	1	Cap-Valve, EI (Post-10/93)
5	89-5831	1	Cap-Valve, No HYD.
5	89-5833	1	Cap-Valve, Pr (Post-10/93)
6	102-0208	1	Bleed Screw ASM
7	9/1/4543	1	Shaft-Flow Control
8	360-0493	1	O-Ring (0.070 X 0.364 X 0.504)
9	360-0498	1	Screw-Machine
10	9-4527	1	Handle-Cross

Ref.	Part Number	Qty.	Description
11	89-1652	1	Spring-Diaphragm
12	9-7534	1	Shaft-Diaphragm
13	35-3139	1	Plate-Support Diaphragm, Upper
14	9-4542	1	Diaphragm, 2 Inch
15	35-3141	1	Spacer-Diaphragm
16	35-3142	1	Seat
17	9-4536	1	Retainer-Seat
18	360-0140	1	Washer-Flat
19	360-0594	1	Nut-Hex
20	9-4541	1	Plate-Support, Diaphragm
21	35-3110	1	Body-Valve, EI, Npt
21	35-3111	1	Body-Valve, No, Npt
21	35-4841	1	Body-Valve, EI, Bsp
21	35-4843	1	Body-Valve, No, Bsp
21	35-3112	1	Body-Valve, Pr, Npt
21	35-4844	1	Body-Valve, Pr, Bsp

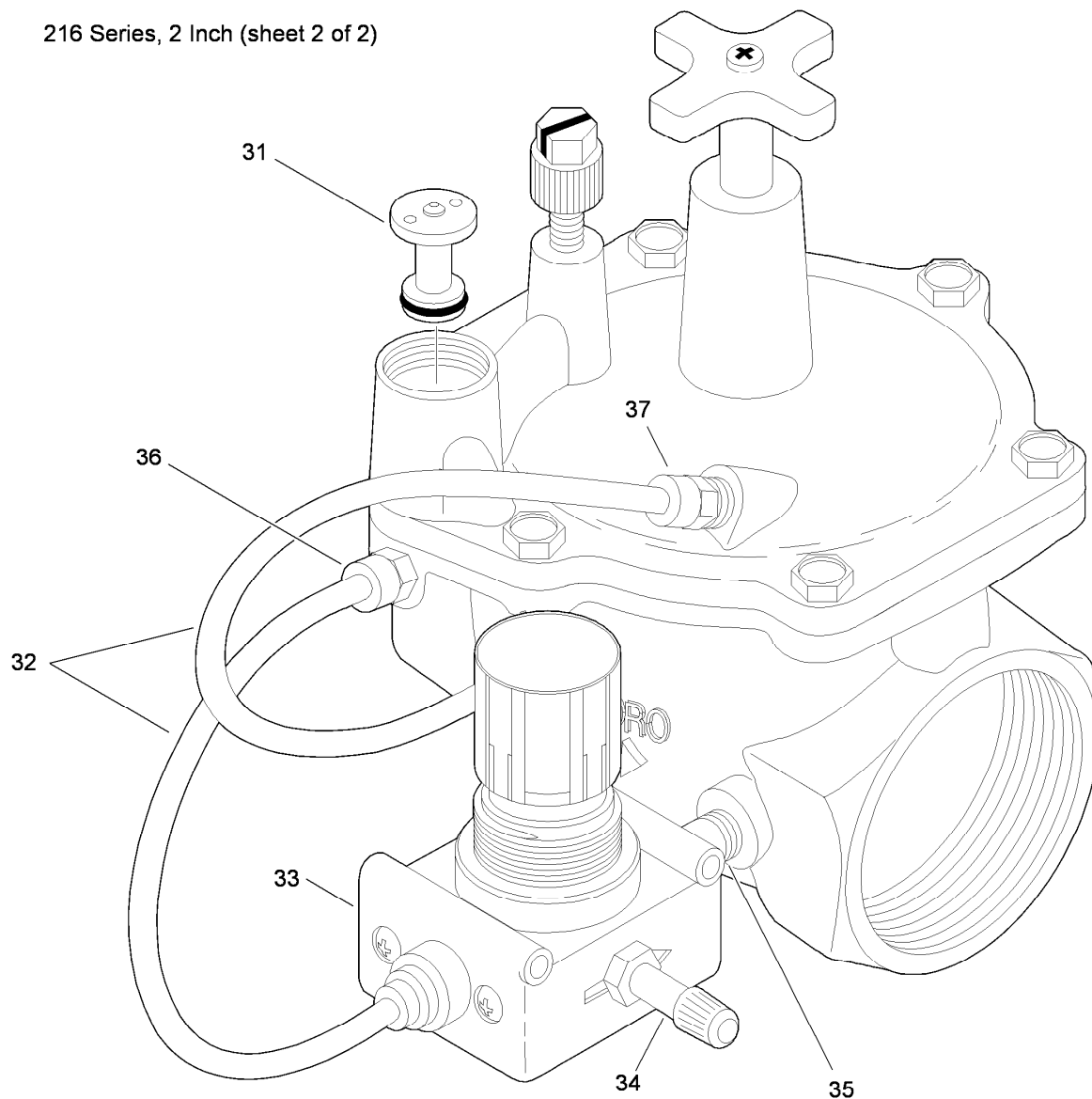
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216 Valve Series 2 Inch Assembly (continued)

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
22	360-0220	1	O-Ring (0.070 X 0.551 X 0.691)	26	360-0497	1	O-Ring, EI (0.070 X 0.239 X 0.379)
23	360-0530	1	O-Ring, EI And Pr (0.070 X 0.145 X 0.285)	27	900-24	1	Adapter-Poly, No •
24	9-7681	1	Filter ASM, EI	28	89-8157	1	Cap-Poly, 1/4
24	35-4619	1	Filter ASM, 1/4, Regulator, Pr And Cr	29	900-40	1	Retainer-Tube •
25	360-0494	1	O-Ring (0.070 X 0.426 X 0.566) Pr And Cr	30	360-0499	6	Screw-Machine

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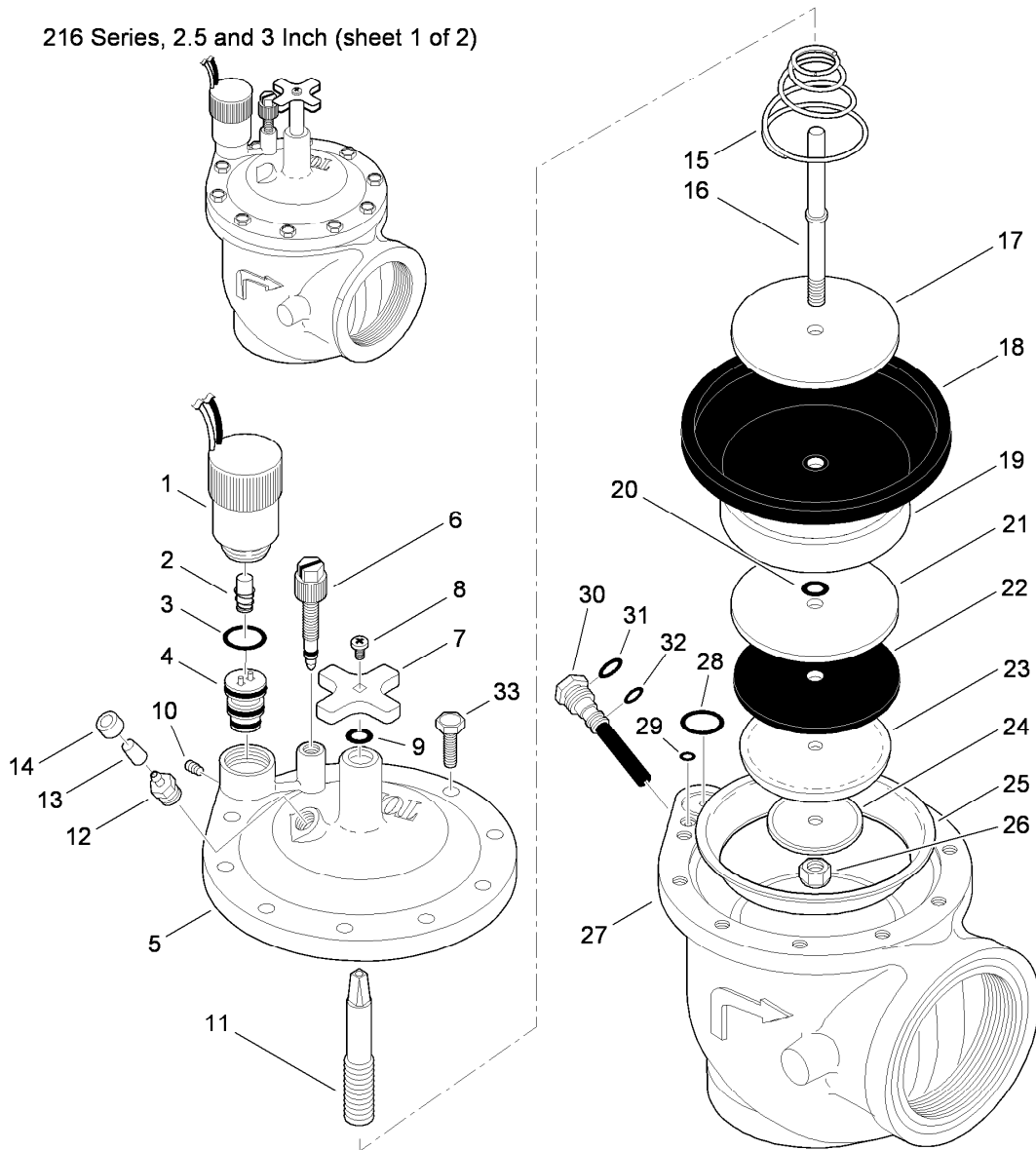


216 Valve Series 2 Inch Assembly - Regulator

Ref.	Part Number	Qty.	Description
31	35-5680	1	2 Way Plug ASM, Pr
32	9-2623	2	Tube, 1/4 X 8, Pr And Cr
33	363-3140	1	Regulator-Water Pressure, Pr
34	363-1762	1	Valve, 1/8, Pr, Npt
35	363-3154	1	Nipple-Close, Brass, Pr (1/8 Npt)
36	900-40	3	Retainer-Tube ■
37	900-24	2	Adapter-Poly, No ■
38	360-0418	1	Petcock, Npt (1/8) ●
39	35-3099	1	Solenoid ASM, El And Pr And Cr ●
40	9-8581	1	Solenoid ASM, El ●
41	9-5363	1	Diaphragm ASM (Incl. 12-19) ●
42	35-4892	1	Regulator ASM, Pr ●
43	89-6384	1	Cap ASM El, Svc. (Incl. 5-10) ●
44	89-6385	1	Cap ASM Pr, Svc. (Incl. 5-10) ●
45	89-6386	1	Cap ASM No, Svc. (Incl. 5 And 7-10) ●

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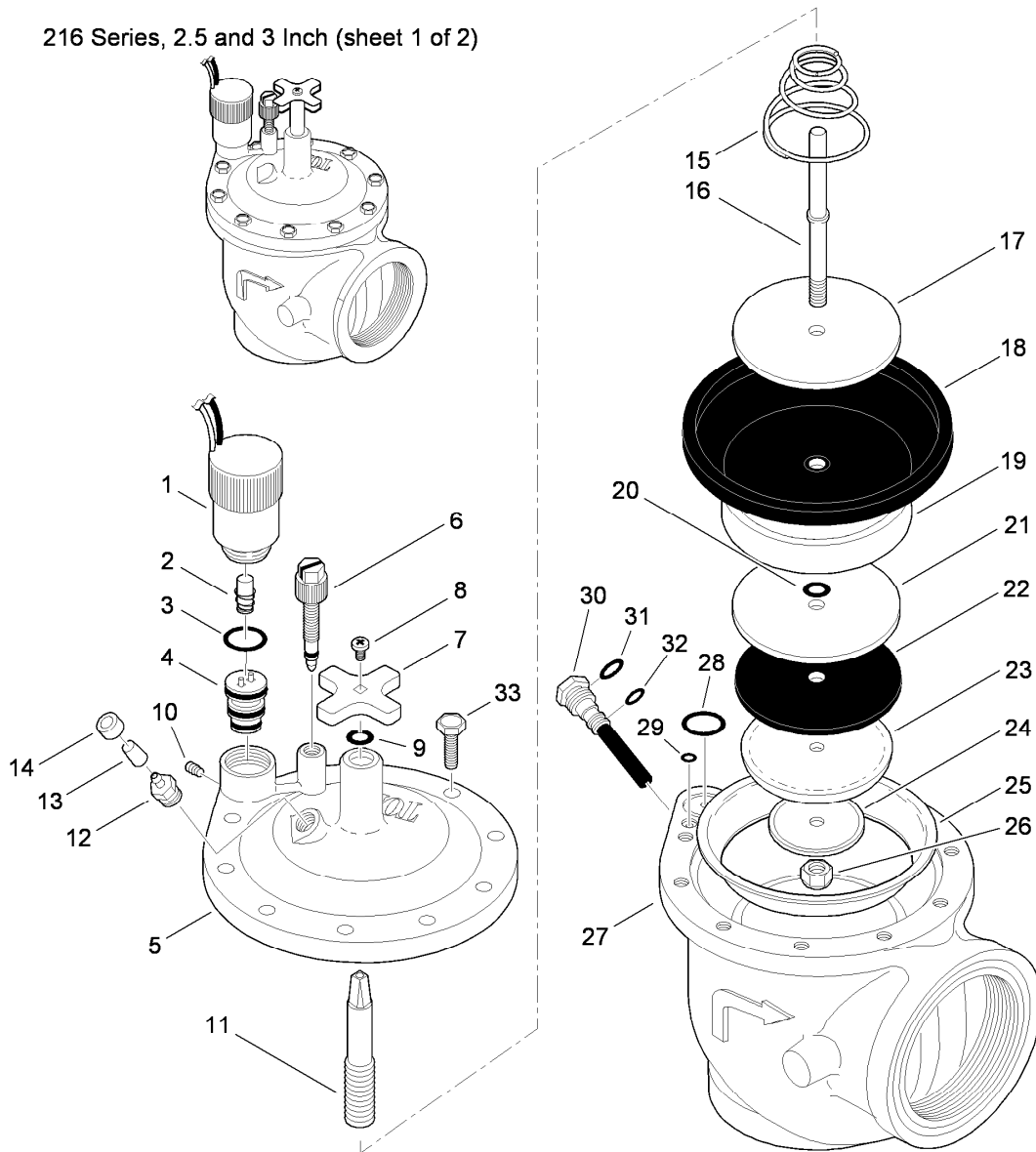


216 Valve Series 2-1/2 and 3 Inch Assembly

Ref.	Part Number	Qty.	Description
1	89-1673	1	Solenoid ASM
2	35-4717	1	Plunger ASM With Spring, EI
2	35-4609	1	Plunger ASM, EI, Pr And Cr
3	360-0220	1	O-Ring (0.070 X 0.551 X 0.691)
4	89-3407	1	Actuator ASM, EI (Incl. O-Rings)
5	89-5835	1	Cap-Valve, No, Shallow Diaphragm Groove (Post-10/93)
5	89-5836	1	Cap-Valve, EI, Shallow Diaphragm Groove (Post-10/93)
5	89-5837	1	Cap-Valve, Pr, Shallow Diaphragm Groove (Post-10/93)
6	102-0208	1	Bleed Screw ASM

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Ref.	Part Number	Qty.	Description
7	9-4527	1	Handle-Cross
8	360-0498	1	Screw-Machine
9	360-0493	1	O-Ring (0.070 X 0.364 X 0.504)
10	360-0223	1	Screw-Set, Half-Dog Point, 6-32 X 1/4, EI And Pr
11	9-4543	1	Shaft-Flow Control
12	900-24	1	Adapter-Poly, No ●
13	89-8157	1	Cap-Poly, 1/4
14	900-40	1	Retainer-Tube ●
15	89-1744	1	Spring-Diaphragm
16	9-7534	1	Shaft-Diaphragm
17	9-7412	1	Plate-Support Diaphragm, Upper
18	89-7866	1	Diaphragm-Shallow Groove (Post-10/93)
18	89-9433	1	Diaphragm

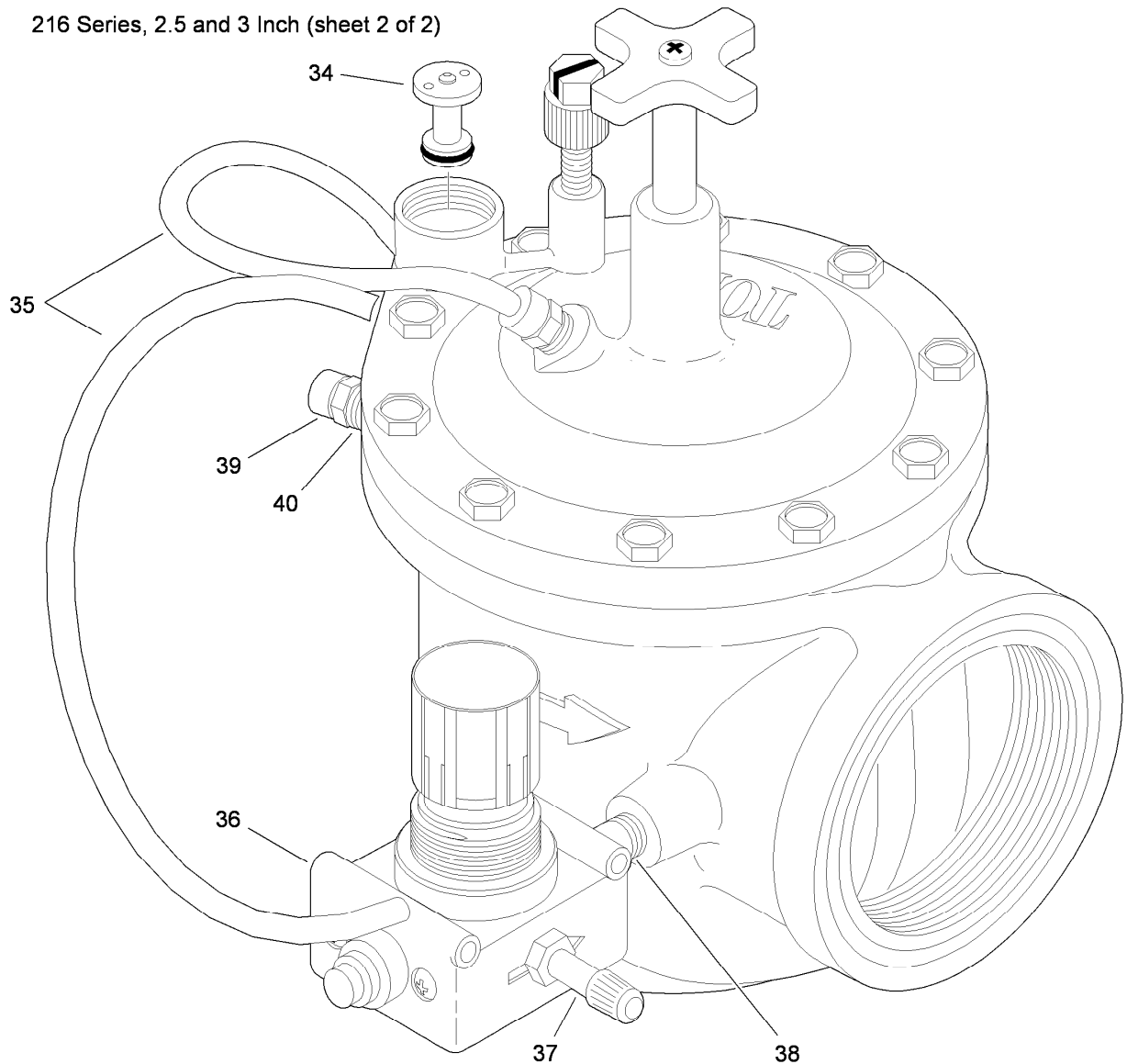


216 Valve Series 2-1/2 and 3 Inch Assembly (continued)

Ref.	Part Number	Qty.	Description
19	35-1403	1	Spacer-Diaphragm
20	360-0497	1	O-Ring, EI (0.070 X 0.239 X 0.379)
21	35-1401	1	Support-Seat
22	35-1402	1	Seat
23	35-1410	1	Retainer-Seat
24	9-4415	1	Washer-Retainer
25	89-8126	1	Support-Diaphragm
26	360-0594	1	Nut-Hex
27	89-6389	1	Body-Valve, 2.5, No, Shallow Diaphragm Groove
27	89-6390	1	Body-Valve, 3, No, Shallow Diaphragm Groove
27	89-6391	1	Body-Valve, 2.5, EI, Shallow Diaphragm Groove
27	89-6392	1	Body-Valve, 3, EI, Shallow Diaphragm Groove

Ref.	Part Number	Qty.	Description
27	89-6388	1	Body-Valve, 2.5, Pr, Shallow Diaphragm Groove
27	89-6387	1	Body-Valve, 3, Pr, Shallow Diaphragm Groove
28	360-0220	1	O-Ring (0.070 X 0.551 X 0.691)
29	360-0530	1	O-Ring, EI And Pr (0.070 X 0.145 X 0.285)
30	9-7681	1	Filter ASM, EI
30	35-4931	1	Filter ASM, Regulator, .034, Pr And Cr (Includes O-Ring)
31	360-0494	1	O-Ring (0.070 X 0.426 X 0.566) Pr And Cr
32	360-0497	1	O-Ring, EI (0.070 X 0.239 X 0.379)
33	360-0499	10	Screw-Machine

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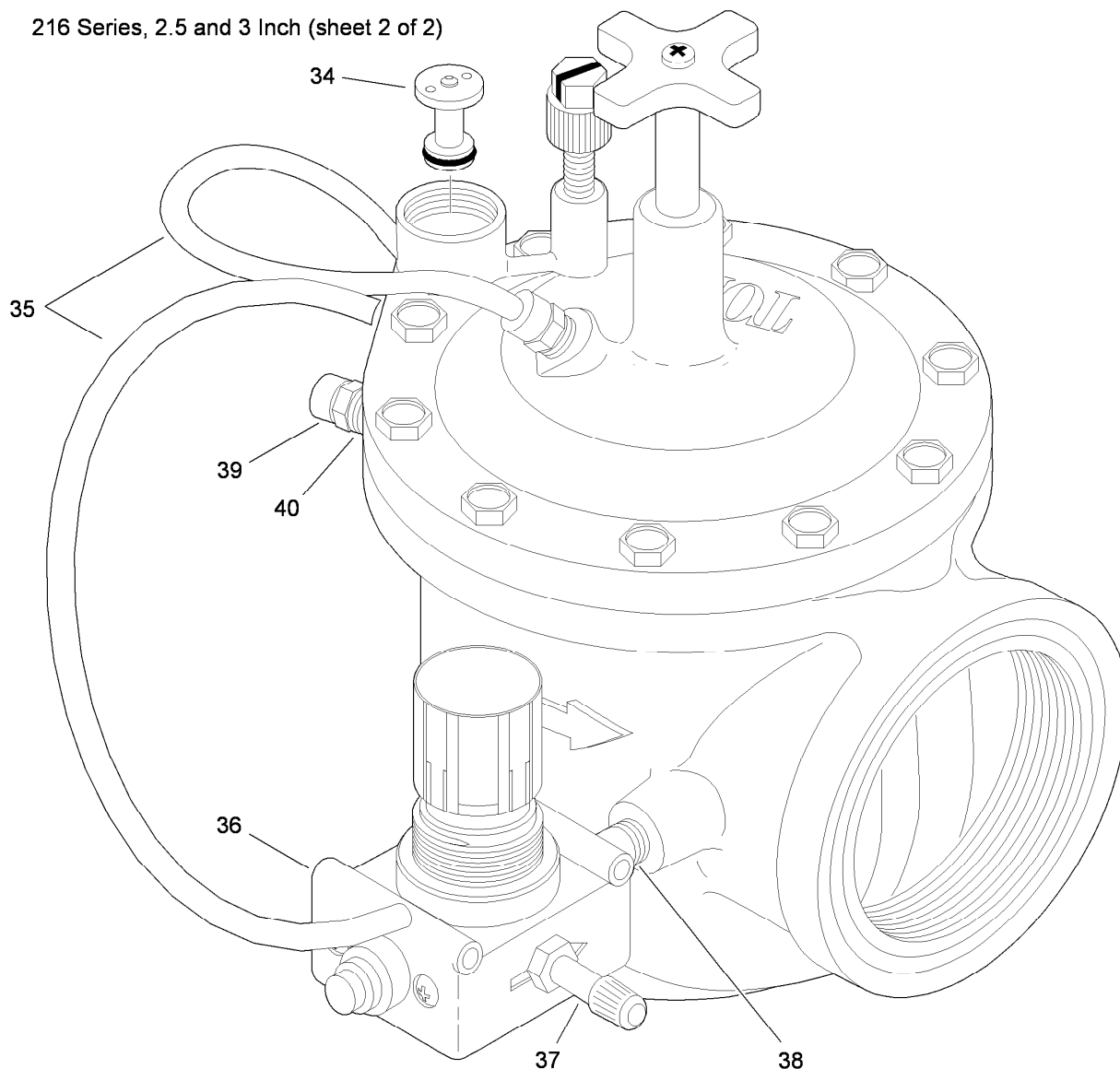
216 Valve Series 2-1/2 and 3 Inch Assembly - Regulator

Ref.	Part Number	Qty.	Description
34	35-5680	1	2 Way Plug ASM, Pr
35	9-2623	2	Tube, 1/4 X 8, Pr And Cr
36	363-3140	1	Regulator-Water Pressure, Pr
37	363-1762	1	Valve, 1/8, Pr, Npt
38	363-3154	1	Nipple-Close, Brass, Pr (1/8 Npt)
39	900-40	3	Retainer-Tube ■
40	3-3362	1	Adapter-Poly 1/8 X 1/4, No
41	9-8011	1	Tube-Discharge, EI ●
42	360-0418	1	Petcock, Npt (1/8) ●
43	35-3099	1	Solenoid ASM, EI And Pr And Cr ●
44	9-8581	1	Solenoid ASM, EI (Incl. 1-2) ●
45	35-4892	1	Regulator ASM, Pr (Incl. 33-35) ●

Ref.	Part Number	Qty.	Description
46	89-6418	1	Cap ASM EI, Shallow Diaphragm Groove (Post-10/93) (Incl. 5-11) ●
47	89-6417	1	Cap ASM No, Shallow Diaphragm Groove (Post-10/93) (Incl. 5 And 7-11) ●
48	89-6419	1	Cap ASM Pr, Shallow Diaphragm Groove (Post-10/93) (Incl. 5-11) ●
49	89-4825	1	Diaphragm W/Retrofit Seal ASM, Deep Groove (Pre-10/93) ●

● Not illustrated

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216 Valve Series 2-1/2 and 3 Inch Assembly - Regulator (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
50	89-6420	1	Diaphragm W/Retrofit Seal ASM, Deep Groove (Pre-10/93) (Incl. 16-26) ●
51	89-6421	1	Diaphragm ASM, Shallow Groove (Post-10/93) (Incl. 16-26) ●

● Not illustrated

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