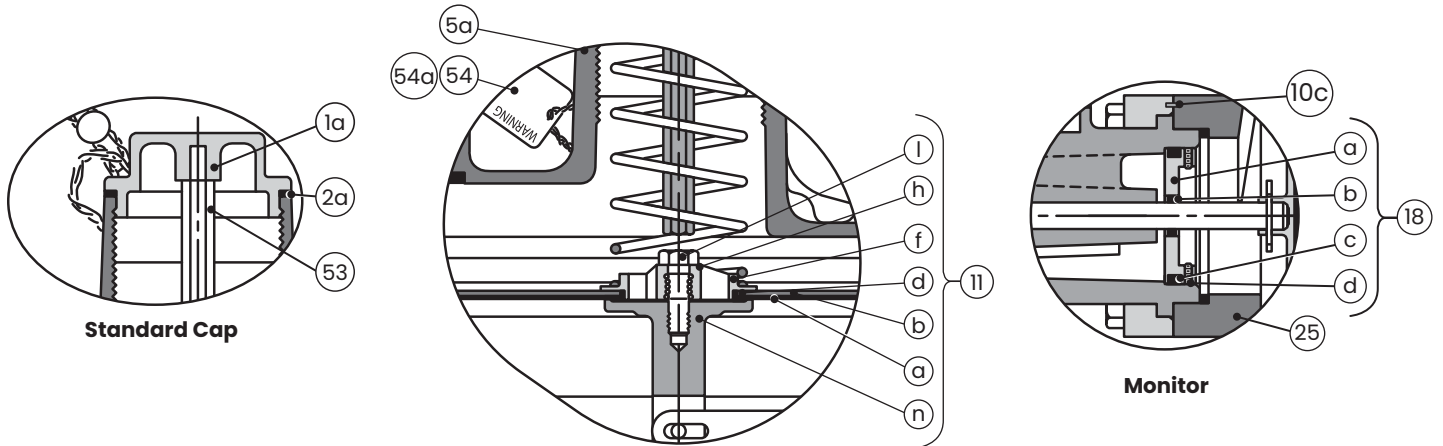


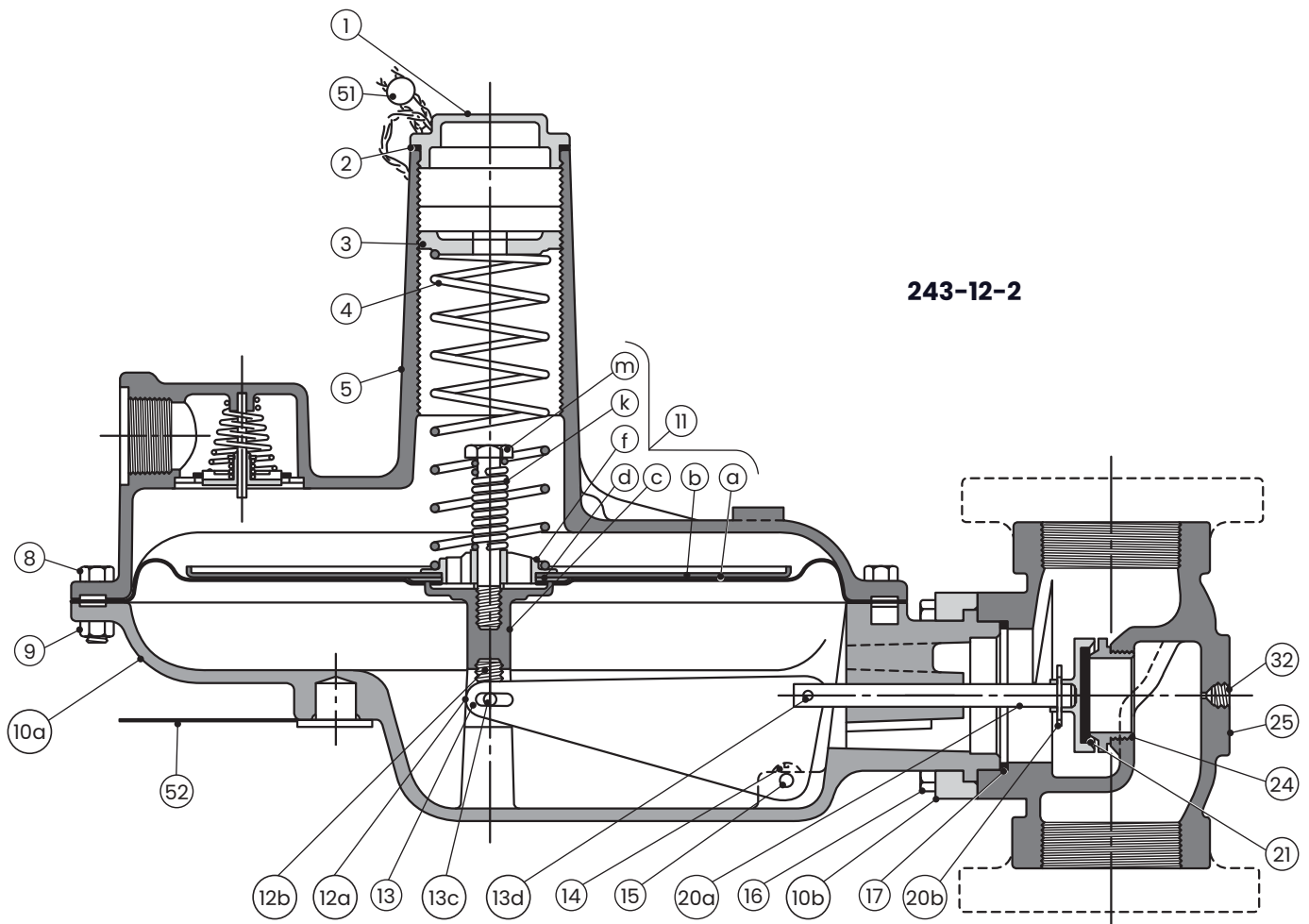
Model 243 Service Regulator Parts List

Models 243-12-1 and 243-12-2

243-12-1



243-12-2



Model 243 Service Regulator

Models 243-12-1 and 243-12-2

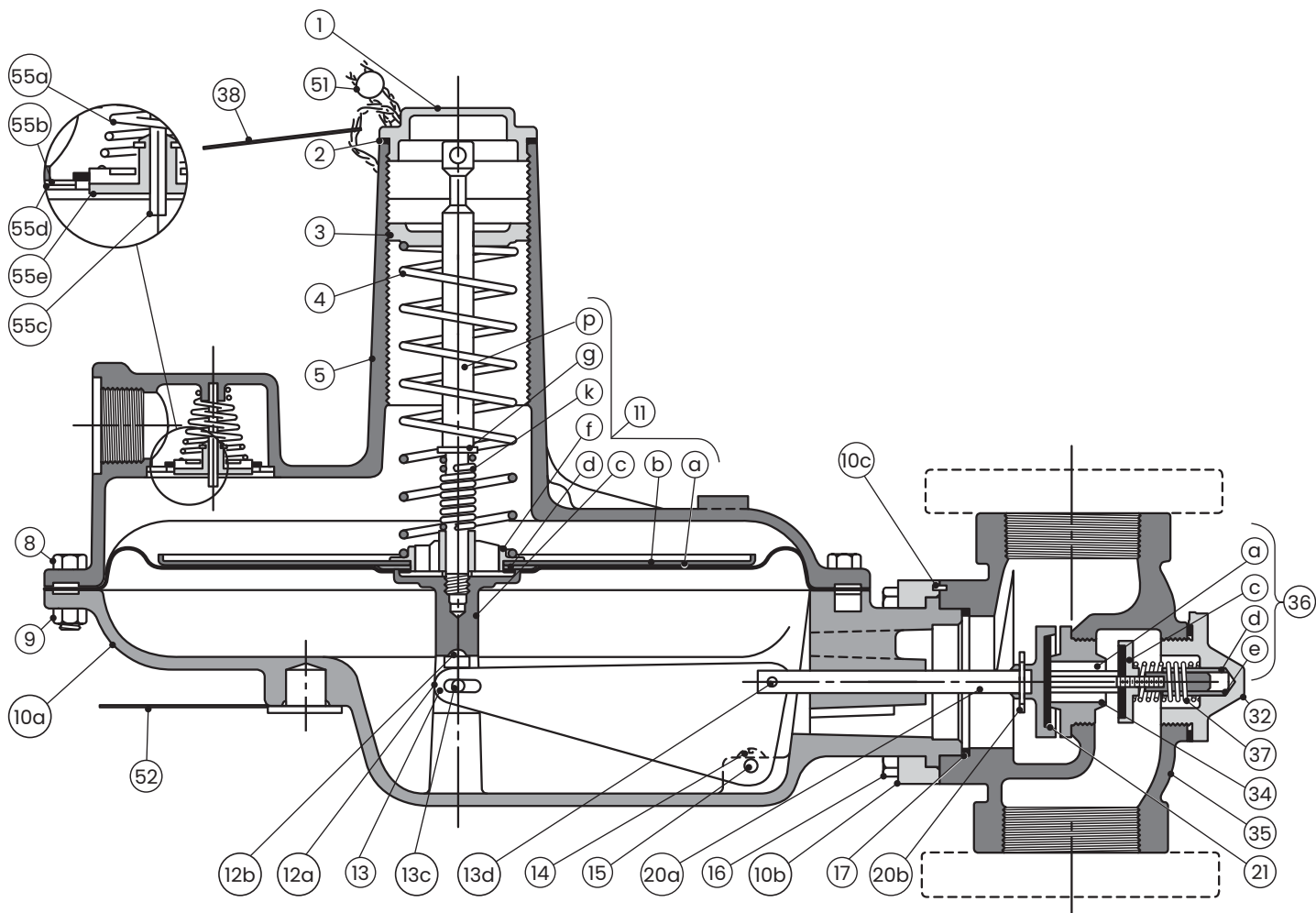
Illustration Number	Description	Part Number
1	Seal Cap (IRV)	143-16-005-00
1a	Seal Cap (Standard)	143-16-005-08
2	O-ring #2-140	951357
2a	O-ring #2-142	951367
3	Adjustment Spring Button	143-16-009-00
4	Spring, 3 1/2" to 6 1/2" w.c., Red	143-16-021-03
	Spring, 5" to 8 1/2" w.c., Blue	143-16-021-04
	Spring, 6" to 14" w.c., Green	143-16-021-05
	Spring, 10" to 18" w.c., Orange-Black	143-16-021-11
	Spring, 12" to 28" w.c., Orange	143-16-021-06
	Spring, 1 to 2 psi, Black	143-16-021-07
5	Upper Diaphragm Case Assembly (IRV)	143-16-503-03
	Upper Diaphragm Case Assembly (Standard)	143-16-503-19
8	Screw, 5/16"-18 x 1" Hex Head Stainless	910030
9	Nut, 5/16"-18 Hex Hd. Stl.	920052
Lower Diaphragm Case Assembly:		
10	10a Lower Diaphragm Case, Standard	143-16-002-00
	Lower Diaphragm Case, Monitor	143-16-002-01
	10b Clamping Plate	143-16-102-00
	10c Roll Pin, 1/8" x 5/8"	904103
11a	Diaphragm	143-16-150-00
	Diaphragm (Viton)	143-16-150-02
11b	Diaphragm Pan	143-16-017-00
11c	Diaphragm Coupling (IRV)	143-16-028-00
11d	Seal Washer	143-16-115-00
11f	Spring Guide	143-16-018-00
11h	Diaphragm Spacer	143-16-079-00
11k	Spring - IRV, 9" Release	143-16-021-02
11l	Screw, 5/16"-18 x 1" Hex Head Stainless	910030
11m	Relief Valve Guide	143-16-153-00
11n	Diaphragm Coupling (Standard)	143-16-028-01
12a	Diaphragm Coupling Stop	143-16-040-00
12b	Screw, 3/8" Rd. Hd. Self Tap	903160
13	Lever 1/4"	143-16-030-00
13c	Roll Pin - Lever Weight	901699
13d	Roll Pin - Valve Stem	904104
14	Screw, 1/4" x 5/8" Rd. Hd. Self Tap	950353
15	Fulcrum Pin	143-16-032-00
16	Cap Screw, 3/8"-16 x 1 1/4" Hex Head Stainless	910056
17	Tetraseal, Lower Case to Body	904075
18	Seal Disc Assembly - Monitor	143-16-508-00
	18a Seal Disc, CRS cad. plated	143-16-008-00
	18b Inner O-ring	934007
	18c Outer O-ring	905809
	18d Set Screw, #6-32 x 1/4" Hex Socket Cup Point	903197

Illustration Number	Description	Part Number
18	Seal Disc Assembly - Monitor, for Corrosive Service	143-16-508-01
	18a Seal Disc, CRS cad. plated	143-16-008-00
	18b Inner O-ring	902418
	18c Outer O-ring	904842
	18d Set Screw, #6-32 x 1/4" Hex Socket Cup Point	903197
20a	Stem	143-16-016-00
	Stem, for Corrosive Service	143-16-016-01
20b	Hair Pin Cotter	143-62-118-00
21	Valve, 10°, Buna-N	143-16-511-09
	Valve, 30°, Buna-N	143-16-511-10
	Valve, 10°, Viton	143-16-511-11
	Valve, 30°, Viton	143-16-511-12
24	Orifice, 1/4"	143-16-023-10
	Orifice, 3/8"	143-16-023-04
	Orifice, 1/2"	143-16-023-00
	Orifice, 3/4"	143-16-023-01
	Orifice, 1"	143-16-023-02
	Orifice, 1 1/4"	143-16-023-03
	Orifice, 1/4", Stainless Steel	143-16-023-15
	Orifice, 3/8", Stainless Steel	143-16-023-16
	Orifice, 1/2", Stainless Steel	143-16-023-17
	Orifice, 3/4", Stainless Steel	143-16-023-12
	Orifice, 1", Stainless Steel	143-16-023-13
	Orifice, 1 1/4", Stainless Steel	143-16-023-14
25	Body, 1 1/2" NPT (Standard)	143-14-001-00
	Body, 1 1/2" NPT - 1/4" Inlet Tap	143-14-001-02
	Body, 2" NPT (Standard)	143-16-001-00
	Body, 2" NPT - 1/4" Inlet Tap	143-16-001-04
	Body, 2" Flanged (Standard)	143-16-001-03
	Body, 2" Flanged - 1/4" Inlet Tap	143-16-001-05
32	1/4" Socket Head Stainless Pipe Plug	904364
51	Seal and Wire	001-61-057-07
52	Instruction Tag (Monitor)	138-18-136-00
53	Travel Stop Stem	143-16-060-02
54	Warning Tag - Travel Stop	143-16-136-05
54a	Warning Tag - Body Interchangeability	143-16-136-06
55a	* Exhaust Spring	143-16-021-00
55b	* Valve Seal (Washer)	143-16-024-00
55c	* Stem Guide	143-16-012-00
55d	* Retaining Ring	904013
55e	* Valve Assembly	143-16-526-01

* See Page 3 for Item illustration.

NOTE: The term "Standard" refers to non-IRV configurations.

Model 243-12-6



Model 243 Service Regulator

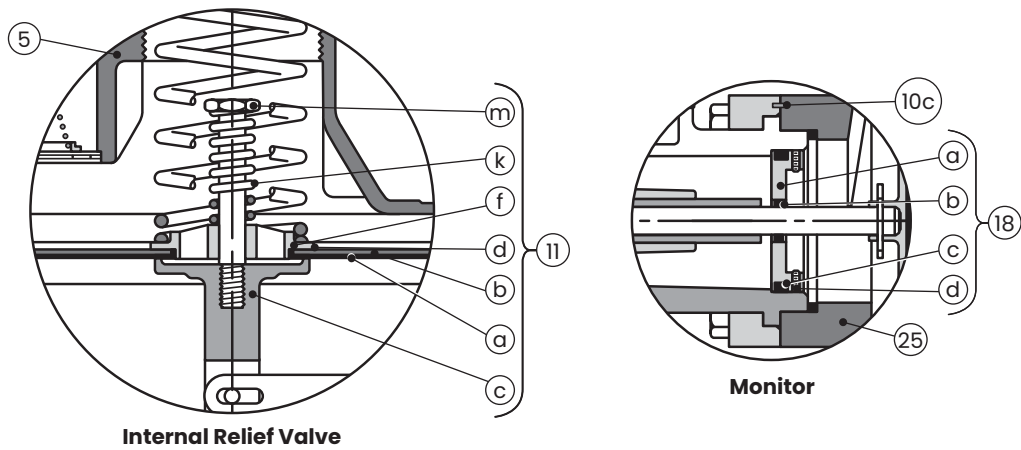
Model 243-12-6

Illustration Number	Description	Part Number
1	Seal Cap (IRV)	143-16-005-00
2	O-ring #2-140	951357
3	Adjustment Spring Button	143-16-009-00
4	Spring, 3 ½" to 6 ½" w.c., Red	143-16-021-03
	Spring, 5" to 8 ½" w.c., Blue	143-16-021-04
	Spring, 6" to 14" w.c., Green	143-16-021-05
	Spring, 12" to 28" w.c., Orange	143-16-021-06
5	Upper Diaphragm Case Assembly (IRV)	143-16-503-03
8	Screw, ⅝"-18 × 1" Hex Head Stainless	910030
9	Nut, ⅝"-18 Hex Head Stainless	920052
10	Lower Diaphragm Case Assembly:	
	10a Lower Diaphragm Case, Standard	143-16-002-00
	Lower Diaphragm Case, Monitor	143-16-002-01
	10b Clamping Plate	143-16-102-00
	10c Roll Pin, ⅛" × ⅝"	904103
11a	Diaphragm	143-16-150-00
	Diaphragm (Viton)	143-16-150-02
11b	Diaphragm Pan	143-16-017-00
11c	Diaphragm Coupling (IRV)	143-16-028-00
11d	Seal Washer	143-16-115-00
11f	Spring Guide	143-16-018-00
11g	Washer	1190408
11k	Spring - IRV, 9" Release	143-16-021-02
11p	Diaphragm Stem (IRV)	143-16-058-00
12a	Diaphragm Coupling Stop	143-16-040-00
12b	Screw, ¼"-14 × ⅜" Hex Washer Head	951040
13	Lever ¼	143-16-030-00
13c	Roll Pin - Lever Weight	901699
13d	Roll Pin - Valve Stem	904104
14	Screw, ¼" × ⅝" Rd. Hd. Self Tap	950353
15	Fulcrum Pin	143-16-032-00
16	Cap Screw, ⅝"-16 × 1 ¼" Hex Head Stainless	910056
17	Tetraseal, Lower Case to Body	904075
20a	Stem	143-16-016-00
	Stem, for Corrosive Service	143-16-016-01
20b	Hair Pin Cotter	143-62-118-00
21	Valve, 10°, Buna-N	143-16-511-09
	Valve, 30°, Buna-N	143-16-511-10
	Valve, 10°, Viton	143-16-511-11
	Valve, 30°, Viton	143-16-511-12
32	Cut-Off Body Cap Assembly	143-16-304-00
	Cut-Off Body Cap Assembly, for Corrosive Service	143-16-304-01

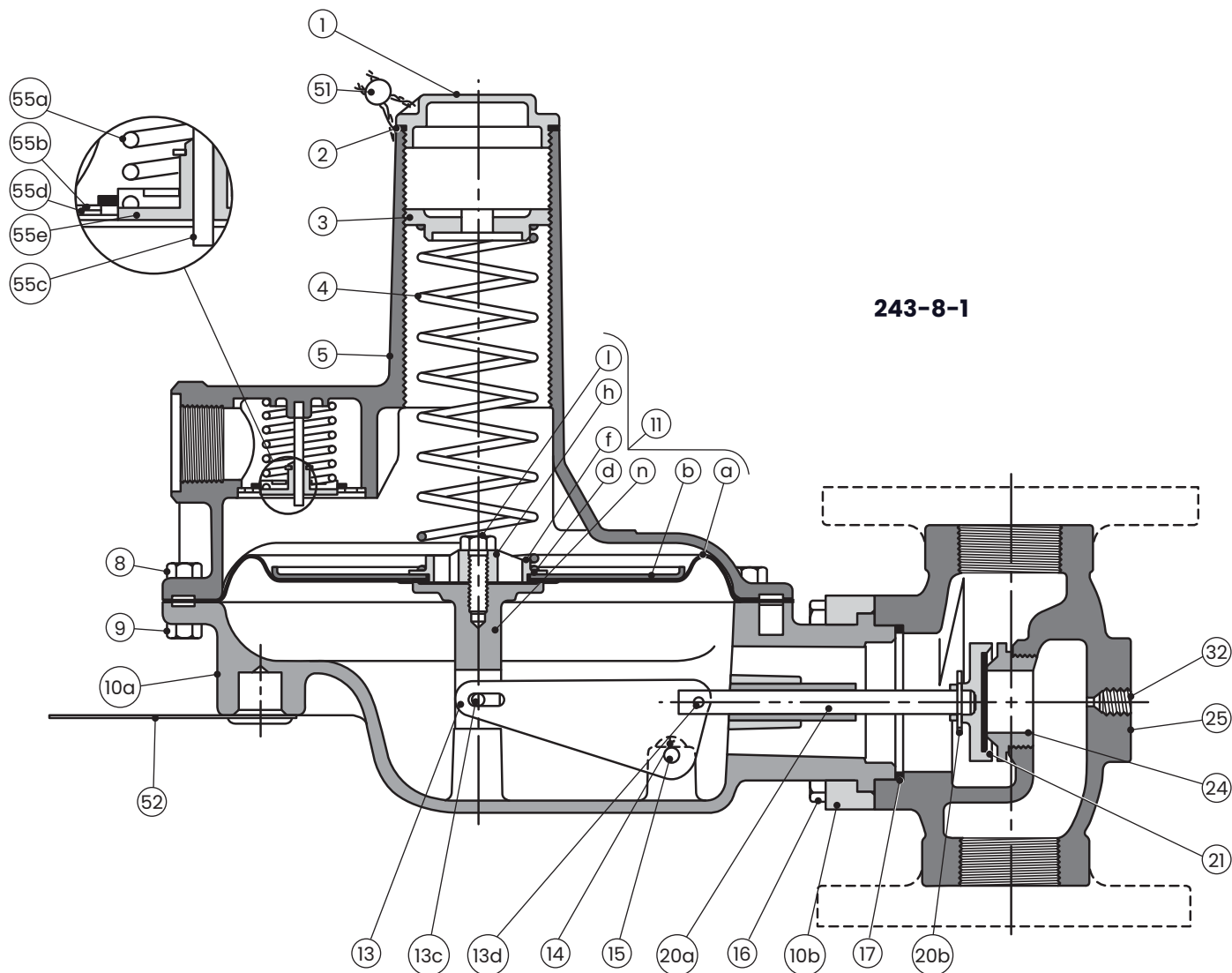
Illustration Number	Description	Part Number
34	Orifice, ½"	143-16-023-05
	Orifice, ¾"	143-16-023-06
	Orifice, 1"	143-16-023-07
	Orifice, ½", Stainless Steel	143-16-023-19
	Orifice, ¾", Stainless Steel	143-16-023-20
35	Orifice, 1", Stainless Steel	143-16-023-21
	Body, 1 ½" NPT (LCPO)	143-14-001-01
	Body, 2" NPT (LCPO)	143-16-001-02
	Body, 2" Flanged (LCPO)	143-16-001-06
36	Cut-Off Valve and Stem Assembly	143-16-516-00
	36a Cut-Off Stem	143-16-116-00
	36c Cut-Off Valve	143-16-311-00
	36d Cut-Off Valve Gasket	143-16-047-00
	36e Cut-Off Valve Guide	143-16-012-01
37	Cut-Off Valve Spring	143-16-021-09
38	Instruction Tag	143-16-136-03
51	Seal and Wire	001-61-057-07
52	Instruction Tag (Monitor)	138-18-136-00
55a	Exhaust Spring	143-16-021-00
55b	Valve Seal (Washer)	143-16-024-00
55c	Stem Guide	143-16-012-00
55d	Retaining Ring	904013
55e	Valve Assembly	143-16-526-01

Models 243-8-1 and 243-8-2

243-8-2



243-8-1



Model 243 Service Regulator

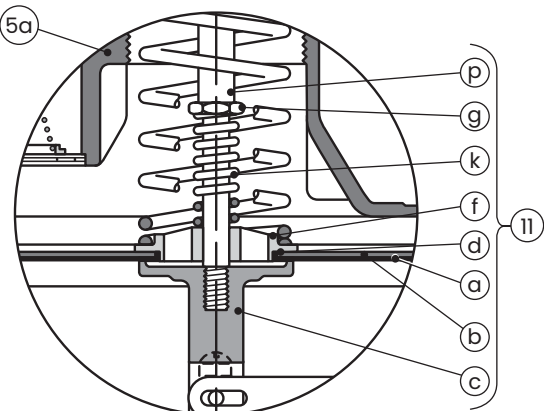
Models 243-8-1 and 243-8-2

Illustration Number	Description	Part Number
1	Seal Cap (IRV)	143-16-005-00
2	Tetraseal - Seal Cap, 2 1/4" x 2 3/8"	905241
3	Adjustment Spring Button	143-16-009-00
4	Spring, 3 1/2" to 6 1/2" w.c., Red-Black	143-82-021-00
	Spring, 5" to 8 1/2" w.c., Blue-Black	143-82-021-01
	Spring, 6" to 14" w.c., Green-Black	143-82-021-02
	Spring, 12" to 28" w.c., Green	143-16-021-05
	Spring, 1 to 2 psi, Orange	143-16-021-06
	Spring, 2 to 4 1/4 psi, Black	143-16-021-07
	Spring, 3 to 6 1/2 psi, Cadmium	143-16-021-08
5	Upper Diaphragm Case Assembly	143-82-503-04
8	Screw, 5/16"-18 x 1" Hex Head Stainless	910030
9	Nut, 5/16"-18 Hex Hd. Stl.	920052
10	Lower Diaphragm Case Assembly:	
	10a Lower Diaphragm Case, Standard	143-16-002-00
	Lower Diaphragm Case, Monitor	143-16-002-01
	10b Clamping Plate	143-16-102-00
	10c Roll Pin, 1/8" x 5/8"	904103
11a	Diaphragm	143-82-150-00
	Diaphragm (Viton)	143-82-150-01
11b	Diaphragm Pan	143-82-017-00
11c	Diaphragm Coupling (IRV)	143-16-028-00
11d	Seal Washer	143-16-115-00
11f	Spring Guide	143-16-018-00
11g	Washer	1190408
11k	Spring - IRV, 9" Release	143-82-021-03
	Spring - IRV, 20" Release	143-82-021-02
11n	Diaphragm Coupling (Standard)	143-16-028-01
11p	Diaphragm Stem	143-16-058-00
11q	Diaphragm Stem (Standard)	143-16-058-01
12a	Diaphragm Coupling Stop	143-16-040-00
12b	Screw, 1/4"-14 x 3/8" Hex Washer Head	950140
13	Lever	143-82-030-00
13c	Roll Pin - Lever Weight, 3/16" Dia. x 1 1/8"	901699
13d	Roll Pin - Valve Stem, 5/32" Dia. x 7/16"	904104
14	Screw, 1/4" x 5/8" Rd. Hd. Self Tap	950353
15	Fulcrum Pin	143-16-032-00
16	Cap Screw, 3/8"-16 x 1 1/4" Hex Head Stainless	910056
17	Tetraseal, Lower Case to Body	904075
18	Seal Disc Assembly - Monitor	143-16-508-00
	18a Seal Disc, CRS cad. plated	143-16-008-00
	18b Inner O-ring	934007
	18c Outer O-ring	905809
	18d Set Screw, #6-32 x 1/4" Hex Socket Cup Point	903197

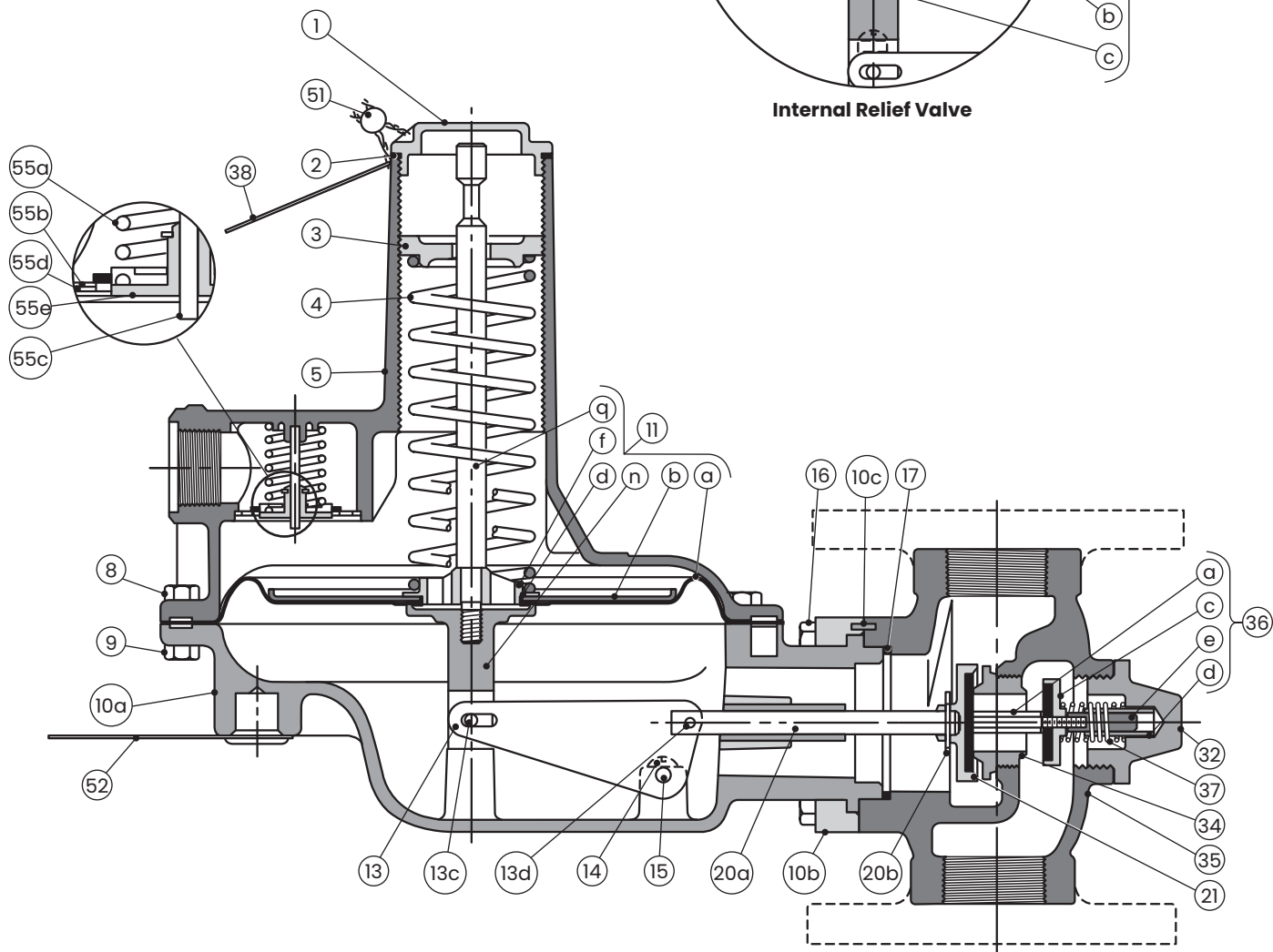
Illustration Number	Description	Part Number
18	Seal Disc Assembly - Monitor, for Corrosive Service	143-16-508-01
	18a Seal Disc, CRS cad. plated	143-16-008-00
	18b Inner O-ring	902418
	18c Outer O-ring	904842
	18d Set Screw, #6-32 x 1/4" Hex Socket Cup Point	903197
20a	Stem	143-16-016-00
	Stem, for Corrosive Service	143-16-016-01
20b	Hair Pin Cotter	143-62-118-00
21	Valve, 10°, Buna-N	143-16-511-09
	Valve, 30°, Buna-N	143-16-511-10
	Valve, 10°, Viton	143-16-511-11
	Valve, 30°, Viton	143-16-511-12
24	Orifice, 1/4"	143-16-023-10
	Orifice, 3/8"	143-16-023-04
	Orifice, 1/2"	143-16-023-00
	Orifice, 3/4"	143-16-023-01
	Orifice, 1"	143-16-023-02
	Orifice, 1 1/4"	143-16-023-03
	Orifice, 1/4", Stainless Steel	143-16-023-15
	Orifice, 3/8", Stainless Steel	143-16-023-16
	Orifice, 1/2", Stainless Steel	143-16-023-17
	Orifice, 3/4", Stainless Steel	143-16-023-12
	Orifice, 1", Stainless Steel	143-16-023-13
	Body, 1 1/4" NPT (Standard)	143-12-001-00
25	Body, 1 1/4" NPT - 1/4" Inlet Tap	143-12-001-02
	Body, 1 1/2" NPT (Standard)	143-14-001-00
	Body, 1 1/2" NPT - 1/4" Inlet Tap	143-14-001-02
	Body, 2" NPT (Standard)	143-16-001-00
	Body, 2" NPT - 1/4" Inlet Tap	143-16-001-04
	Body, 2" Flanged (Standard)	143-16-001-03
	Body, 2" Flanged - 1/4" Inlet Tap	143-16-001-05
32	1/4" Socket Head Stainless Pipe Plug	904364
51	Seal and Wire	001-61-057-07
52	Instruction Tag (Monitor)	138-18-136-00
55a	Exhaust Spring	086-10-021-02
55b	Valve Seal (Washer)	143-16-024-00
55c	Stem Guide	143-16-012-00
55d	Retaining Ring	904013
55e	Valve Assembly	143-16-526-01

Models 243-8-6

243-8-2



Internal Relief Valve

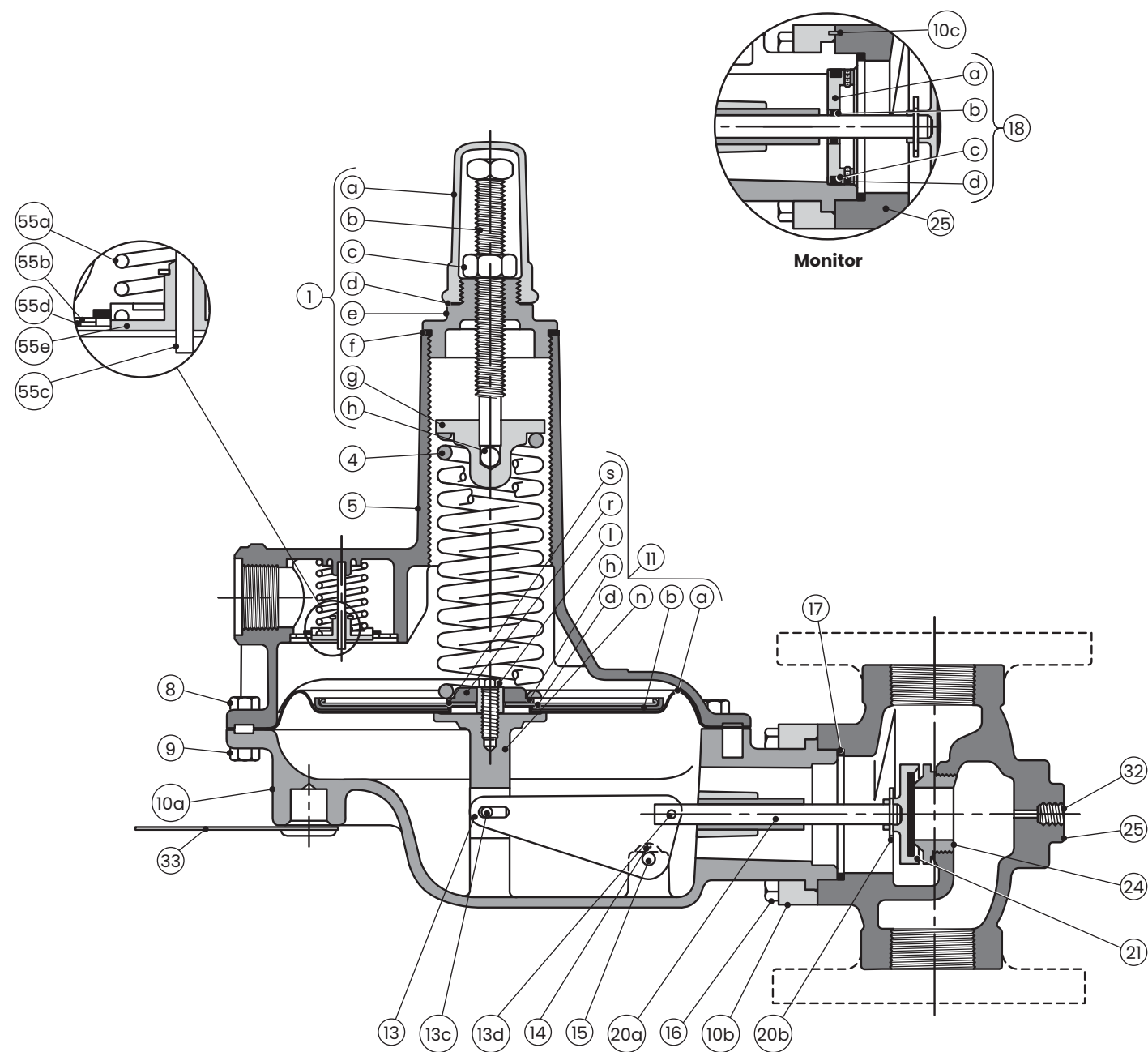


Models 243-8-6

Illustration Number	Description	Part Number
1	Seal Cap	143-16-005-08
2	Tetraseal - Seal Cap, 2 1/4" x 2 3/8"	905241
3	Adjustment Spring Button	143-16-009-00
4	Spring, 3 1/2" to 6 1/2" w.c., Red-Black	143-82-021-00
	Spring, 5" to 8 1/2" w.c., Blue-Black	143-82-021-01
	Spring, 6" to 14" w.c., Green-Black	143-82-021-02
	Spring, 12" to 28" w.c., Green	143-16-021-05
	Spring, 1 to 2 psi, Orange	143-16-021-06
	Spring, 2 to 4 1/4 psi, Black	143-16-021-07
	Spring, 3 to 6 1/2 psi, Cadmium	143-16-021-08
5	Upper Diaphragm Case Assembly	143-82-503-04
8	Screw, 5/16"-18 x 1" Hex Head Stainless	910030
9	Nut, 5/16"-18 Hex Hd. Stl.	920052
10	Lower Diaphragm Case Assembly:	
	10a Lower Diaphragm Case, Standard	143-82-002-00
	Lower Diaphragm Case, Monitor	143-82-002-01
	10b Clamping Plate	143-16-102-00
	10c Roll Pin, 1/8" x 5/8"	904103
11a	Diaphragm	143-82-150-00
	Diaphragm (Viton)	143-82-150-01
11b	Diaphragm Pan	143-82-017-00
11c	Diaphragm Coupling (IRV)	143-16-028-00
11d	Seal Washer	143-16-115-00
11f	Spring Guide	143-16-018-00
11h	Diaphragm Spacer	143-16-079-00
11i	Screw, 5/16"-18 x 1" Hex Head Stainless	910030
11k	Spring - IRV, 9" Release	143-82-021-03
	Spring - IRV, 20" Release	143-82-021-02
11m	Relief Valve Guide	143-16-153-00
11n	Diaphragm Coupling	143-16-028-01
13	Lever	143-82-030-00
13c	Roll Pin - Lever Weight, 3/16" Dia. x 1 1/8"	901699
13d	Roll Pin - Valve Stem, 5/32" Dia. x 7/16"	904104
14	Screw, 1/4" x 5/8" Rd. Hd. Self Tap	950353
15	Fulcrum Pin	143-16-032-00
16	Cap Screw, 3/8"-16 x 1 1/4" Hex Head Stainless	910056
17	Tetraseal, Lower Case to Body	904075
20a	Stem	143-16-016-00
	Stem, for Corrosive Service	143-16-016-01
20b	Hair Pin Cotter	143-62-118-00
21	Valve, 10°, Buna-N	143-16-511-09
	Valve, 30°, Buna-N	143-16-511-10
	Valve, 10°, Viton	143-16-511-11
	Valve, 30°, Viton	143-16-511-12

Illustration Number	Description	Part Number
32	Cut-Off Body Cap Assembly	143-16-304-00
	Cut-Off Body Cap Assembly, for Corrosive Service	143-16-304-01
34	Orifice, 1/2"	143-16-023-05
	Orifice, 3/4"	143-16-023-06
	Orifice, 1"	143-16-023-07
	Orifice, 1/2", Stainless Steel	143-16-023-19
	Orifice, 3/4", Stainless Steel	143-16-023-20
	Orifice, 1" Stainless Steel	143-16-023-21
35	Body, 1 1/4" NPT (LPCO)	143-12-001-01
	Body, 1 1/2" NPT (LPCO)	143-14-001-01
36	Cut-off Valve and Stem Assembly	143-16-516-00
	36a Cut-off Stem	143-16-116-00
	36c Cut-off Valve	143-16-311-00
	36d Cut-off Valve Gasket	143-16-047-00
	36e Cut-off Valve Guide	143-16-012-01
37	Cut-off Valve Spring	143-16-021-09
38	Instruction Tag	143-16-136-03
51	Seal and Wire	001-61-057-07
52	Instruction Tag (Monitor)	138-18-136-00
55a	Exhaust Spring	086-10-021-02
55b	Valve Seal (Washer)	143-16-024-00
55c	Stem Guide	143-16-012-00
55d	Retaining Ring	904013
55e	Valve Assembly	143-16-526-01

Models 243-8 HP



Model 243 Service Regulator

Models 243-8 HP

Illustration Number	Description	Part Number
1	Seal Cap and Spring Adjustment Assembly:	
	1a Seal Cap	121-10-005-52
	1b Adjustment Screw	906537
	1c Nut	921005
	1d Tetraseal, Seal Cap, 1 1/2" x 1 5/8"	906534
	1e Top Cap	121-10-005-51
	1f Tetraseal, Top Cap 2 1/4" x 2 3/8"	905241
	1g Spring Button	121-10-009-51
4	1h 3/8" Dia. Stainless Steel Ball	930510
	Spring, 3 to 6 1/2 psi, Cadmium	143-16-021-08
5	Spring, White	143-16-021-13
	Upper Diaphragm Case Assembly	143-82-503-12
8	Screw, 5/16"-18 x 1" Hex Head Stainless	910030
9	Nut, 5/16"-18 Hex Head Stainless	908152
10	Lower Diaphragm Case Assembly:	
	10a Lower Diaphragm Case, Standard	143-82-002-00
	Lower Diaphragm Case, Monitor	143-82-002-01
	10b Clamping Plate	143-16-102-00
	10c Roll Pin, 1/8" x 5/8"	904103
11a	Diaphragm	121-10-150-50
	Diaphragm (Viton)	121-10-150-52
11b	Diaphragm Pan	121-10-017-50
11c	Diaphragm Coupling (Standard)	143-16-028-01
11d	Emery Cloth Washer	143-82-178-00
11h	Diaphragm Spacer	143-82-079-00
11l	Screw, 5/16"-18 x 1" Hex Head Stainless	910030
11r	Bottom Spring Button	121-10-022-53
11s	Diaphragm Plate	121-10-022-52
13	Lever	143-82-030-00
13c	Roll Pin - Lever Weight, 3/16" Dia. x 3/4"	904106
13d	Roll Pin - Valve Stem, 5/32" Dia. x 7/16"	904104
14	Screw, 1/4" x 5/8" Rd. Hd. Self Tap	950353
15	Fulcrum Pin	143-16-032-00
16	Cap Screw, 3/8"-16 x 1 1/4" Hex Head Stainless	901551
17	Tetraseal, Lower Case to Body	904075
18	Seal Disc Assembly - Monitor	143-16-508-00
	18a Seal Disc, CRS cad. plated	143-16-008-00
	18b Inner O-ring	934007
	18c Outer O-ring	905809
	18d Set Screw, #6-32 x 1/4" Hex Socket Cup Point	903197

Illustration Number	Description	Part Number
18	Seal Disc Assembly - Monitor, for Corrosive Service	143-16-508-01
	18a Seal Disc, CRS cad. plated	143-16-008-00
	18b Inner O-ring	902418
	18c Outer O-ring	904842
20a	18d Set Screw, #6-32 x 1/4" Hex Socket Cup Point	903197
	Stem	143-16-016-00
20b	Stem, for Corrosive Service	143-16-016-01
	Hair Pin Cotter	143-16-118-00
21	Valve, 10°, Buna-N	143-16-511-09
	Valve, 30°, Buna-N	143-16-511-10
	Valve, 10°, Viton	143-16-511-11
	Valve, 30°, Viton	143-16-511-12
24	Orifice, 1/4"	143-16-023-10
	Orifice, 0.203"	143-16-023-11
	Orifice, 3/8"	143-16-023-04
	Orifice, 1/2"	143-16-023-00
	Orifice, 3/4"	143-16-023-01
	Orifice, 1"	143-16-023-02
	Orifice, 1/4", Stainless Steel	143-16-023-15
	Orifice, 0.203", Stainless Steel	143-16-023-18
	Orifice, 3/8", Stainless Steel	143-16-023-16
	Orifice, 1/2", Stainless Steel	143-16-023-17
	Orifice, 3/4", Stainless Steel	143-16-023-12
	Orifice, 1", Stainless Steel	143-16-023-13
25	Body, 1 1/4" NPT (Standard)	143-13-001-00
	Body, 1 1/4" NPT - 1/4" Inlet Tap	143-13-001-02
	Body, 1 1/4" NPT Inlet - 1 1/2" NPT Outlet	143-13-001-00
	Body, 1 1/2" NPT (Standard)	143-13-001-00
	Body, 1 1/2" NPT - 1/4" Inlet Tap	143-13-001-02
	Body, 2" NPT (Standard)	143-13-001-00
	Body, 2" NPT - 1/4" Inlet Tap	143-13-001-04
	Body, 2" Flanged (Standard)	143-13-001-03
32	Body, 2" Flanged - 1/4" Inlet Tap	143-13-001-05
	1/4" Socket Head Stainless Pipe Plug	904364
33	Instruction Tag (Monitor)	138-18-136-00
55a	Exhaust Spring	086-10-021-02
55b	Valve Seal (Washer)	143-16-024-00
55c	Stem Guide	143-16-012-00
55d	Retaining Ring	904013
55e	Valve Assembly	143-16-526-01



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