

Model 461-57S Regulator Repair Kits

Repair Kits

USG repair kits are tailored for specific USG regulator models and include essential components for effective service. Designed for USG Model 461-57S regulators, these kits include soft parts for common wear points.

NOTE: See installation & maintenance manual USG-IM-029 for complete part numbers and descriptions.

Find instructional videos here:

<https://www.youtube.com/@UtilitySolutionsGroup-1>



Parts Included in Kits

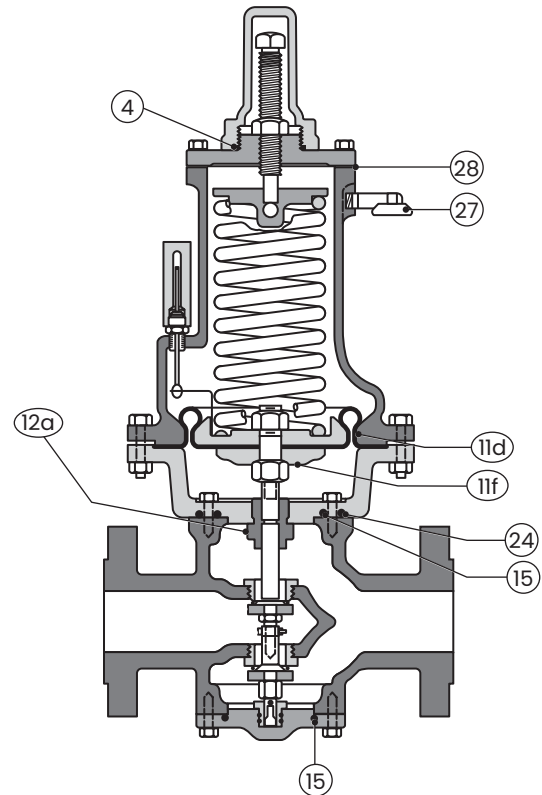
Item Number	Description	QTY	Part Number
4	Tetraseal	1	904092
11d	Diaphragm & Gasket Assembly	1	091-00-350-00
11f	O-Ring	1	902922
12a	O-Ring	1	934007
12n*	O-Ring (for 11/16" single valve) O-Ring (for 1" single valve)	1	934011 934015
15	Tetraseal	2	904079
24	Tetraseal	1	904085
27	Vent	1	137-02-505-02
28	Seal Cap Gasket	1	091-00-066-30
32	Tetraseal	2	904086

*12n is only required for the single-seat valve assembly

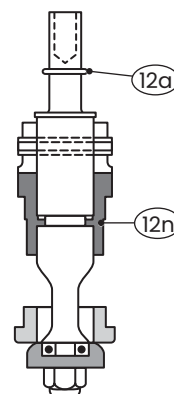
Repair Kits

Kit	Part Number
461-57S	KIT.461-57S.2

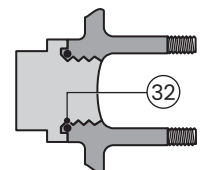
Double-Seat Balance Valve Assembly



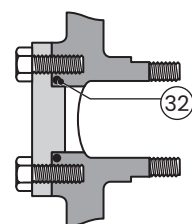
Single-Seat Balance Valve Assembly



Threaded Side Inspection Plates



Two Bolt Side Inspection Plates



Common Replacement Parts

While not included in our soft parts kits, valve assemblies, orifices, seats and springs are easily field replaceable. Changing the spring will change the regulator's available outlet pressure range, while changing the valve assembly/orifice will change the regulators capacity and maximum inlet pressure.

Springs

Description	Part Number
Yellow	091-00-021-05
Gray	091-00-021-04
Blue	091-00-021-03
Red	091-00-021-02
Brown	091-00-021-01
Black	091-00-021-00
White	091-00-021-08

Valve Assemblies

Valve Size	Ports	Seat	Wing	Part Number
1"	Double	Buna	STD	091-16-515-03
1"	Double	Buna	V-Port	091-16-515-25
1"	Double	Nylon	STD	091-16-515-21
1"	Double	Poly-Red	STD	091-16-515-13
1"	Double	Poly-Red	V-Port	091-16-515-24
1"	Double	Poly-Tan	STD	091-16-515-18
1"	Double	Poly-Tan	V-Port	091-16-515-64
1"	Double	Viton	STD	091-16-515-27
1"	Double	Viton	V-Port	091-16-515-72
1"	Single	Nylon	STD	091-16-515-61
1"	Single	Poly-Red	STD	091-16-515-51
1"	Single	Poly-Red	V-Port	091-16-515-70
1"	Single	Poly-Tan	STD	091-16-515-00905
1"	Single	Poly-Tan	V-Port	091-16-515-66
1"	Single	Viton	STD	091-16-515-62
1"	Single	Viton	V-Port	091-16-515-62
11/16"	Double	Buna	STD	091-16-515-02
11/16"	Double	Nylon	STD	091-16-515-20
11/16"	Double	Poly-Red	STD	091-16-515-12
11/16"	Double	Poly-Tan	STD	091-16-515-00908
11/16"	Single	Nylon	STD	091-16-515-60
11/16"	Single	Poly-Red	STD	091-16-515-50
11/16"	Single	Poly-Tan	STD	091-16-515-00904
11/16"	Single	Viton	STD	091-16-515-54

Orifices

Valve Size	Orifice	Part Number
1"	Top Inlet	091-16-028-05
1"	Bottom Outlet	091-16-029-05
11/16"	Top Inlet	091-16-028-04
11/16"	Bottom Outlet	091-16-029-04

Single Valve Additional Components

#	Valve Size	Orifice	Part Number
	1"	Bottom Plate Guide Bushing	091-16-385-03
	1"	Top Inlet Stem Guide	091-16-012-53
	11/16"	Bottom Plate Guide Bushing	091-16-385-03
	11/16"	Top Inlet Stem Guide	091-16-012-52

Valve Seat Retainers

Valve Size	Wing	Part Number
1"	STD	091-16-018-01
1"	VP	091-16-012-04
11/16"	STD	091-16-018-00

Valve Seats

Valve Size	Ports	Material	Part Number
1"	Double	Buna	091-16-315-01
1"	Double	Nylon	091-16-315-04
1"	Single	Nylon	091-16-315-52
1"	Double	Poly-Red	091-16-315-11
1"	Single	Poly-Red	091-16-315-51
1"	Double	Poly-Tan	091-16-315-15
1"	Single	Poly-Tan	091-16-315-60
1"	Double	Viton	091-16-315-13
1"	Single	Viton	091-16-315-57
11/16"	Double	Buna	091-16-315-00
11/16"	Double	Nylon	091-16-315-03
11/16"	Single	Nylon	091-16-315-02
11/16"	Double	Poly-Red	091-16-315-10
11/16"	Single	Poly-Red	091-16-315-50
11/16"	Double	Poly-Tan	091-16-315-14
11/16"	Single	Poly-Tan	091-16-315-59
11/16"	Double	Viton	091-16-315-12
11/16"	Single	Viton	091-16-315-58