

0–500 psi Diaphragm Regulator Kits

Description

The non-venting diaphragm regulator is designed for use with general liquid coatings. It regulates the fluid pressure flow out of high-pressure pumps. The regulator body and bonnet are constructed of stainless steel.

Spring Chamber and Nut Assembly

See Figure 1. Always tighten the screws in the sequence shown. Tighten the screws evenly to $3.95 \pm 0.56 \text{ N}\cdot\text{m}$ ($35 \pm 5 \text{ in}\cdot\text{lb}$). Wait 24 hours, then retighten the screws.

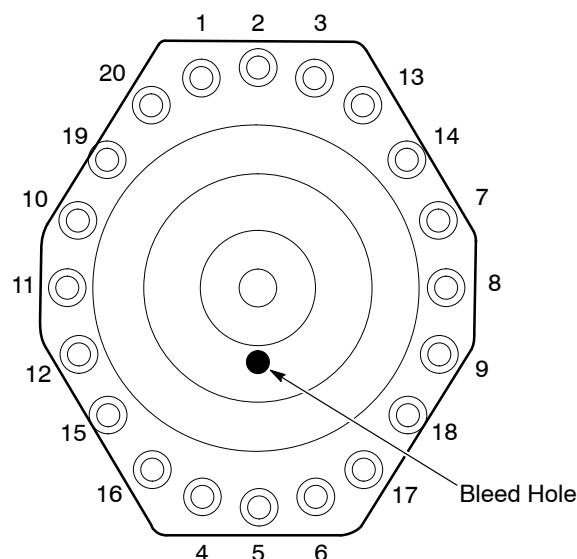


Figure 1 Torque Sequence

Service Kits

See Figure 2. Use these service kits to rebuild the diaphragm regulator.

Diaphragm Kit

Item	Part	Description	Quantity	Note
—	106330	SERVICE KIT, diaphragm, regulator	1	
1	-----	• DIAPHRAGM, regulator, semi-clear	1	
2	-----	• DIAPHRAGM, regulator, PTFE, white	1	

Ball and Seat Kit

Item	Part	Description	Quantity	Note
—	342282	SERVICE KIT, regulator, diaphragm, ball with seat	1	
3	-----	• GASKET	1	
4	715137	• ROD	1	
5	715450	• O-RING, regulator	1	
6	715451	• SEAT, valve	1	
7	900008	• BALL, 440 stainless steel	1	
8	715139	• SPRING, regulator	1	

Service Kits *(contd)*

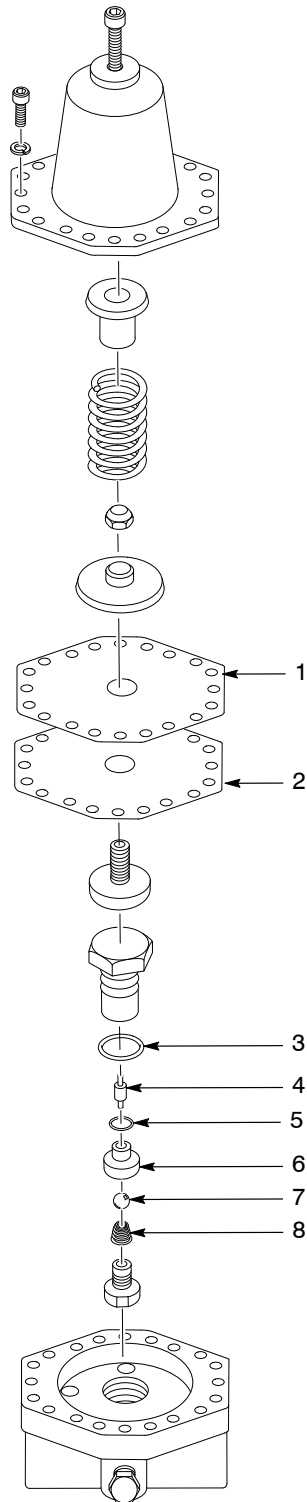


Figure 2 Diaphragm Regulator Service Kits

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