

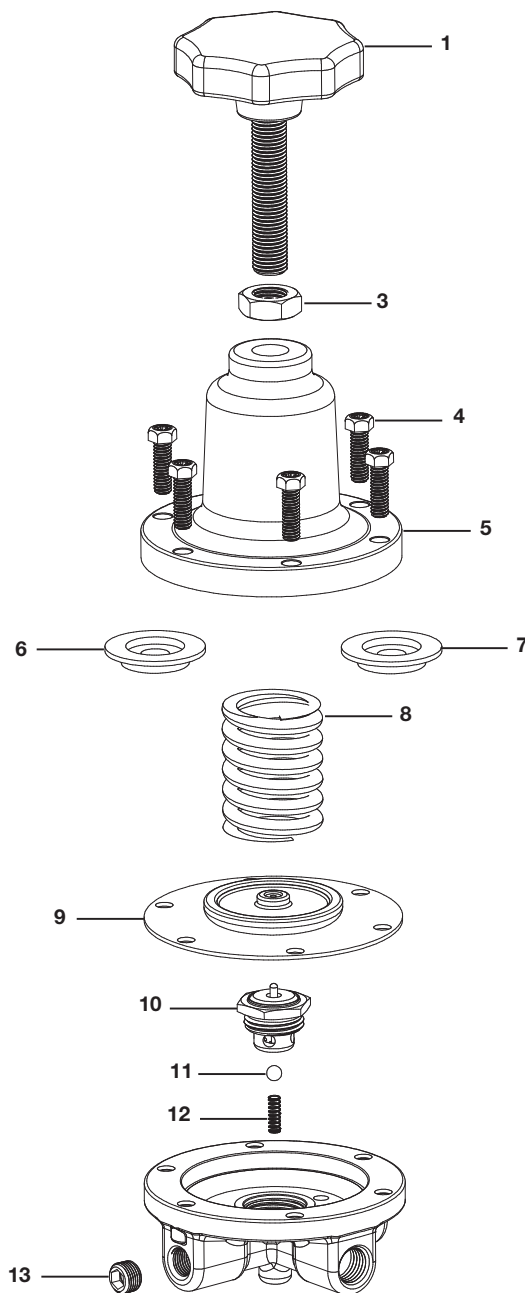
Maintenance

Shut off the air supply. To repair the regulator unscrew the handwheel (1) to release the compression on the regulating spring and disassemble as follows:

Remove the bonnet screws (4), bonnet (5), upper spring rest (6), (7), regulating spring (8), and diaphragm assembly (9). Unscrew the valve seat assembly (10) and remove the steel ball (11), and the valve spring (12).

Inspect each part carefully, paying particular attention to the sealing surfaces of the relief seat, and valve pin which protrudes from the top of the valve seat assembly. Check that the bleed holes in the relief seat are clear and that the diaphragm is free of cracks. Replace worn or damaged parts.

When re-assembling ensure the valve seat assembly is tight. Tighten the bonnet screws (4) to a torque of 4.5 to 5.5 Nm (40 to 50 lbf. in.)



Parts

For Type 11 400 and 20AL-X

Repair Kit11 400-100

Comprises:

12	Valve spring	1892-01
9	Diaphragm assembly	481-97
10	Valve seat assembly.....	1972-02
11	Ball	1004-01

Additional replacement parts for Type 11 400:

6	Upper spring rest	1971-01
1	Adjusting screw assembly (moulded knob).....	1284-99
8	Regulating spring (2 bar)	1309-01
8	Regulating spring (4 bar)	499-01
8	Regulating spring (7 bar)	1310-01

For Type 20AL-X:

7	Upper spring rest	1290-01
3	Lockout.....	1305-01
1	Adjusting screw assembly (moulded knob).....	1192-99
8	Regulating spring (7 to 24 bar).....	501-01

Common parts:

5	Bonnet.....	470-99
13	Pipe plug.....	52-99

Note: When ordering spares, quote model number and kit or part description.

Warning

Improper selection, misuse, age or malfunction of components used in systems can cause failure in various modes. The system designer is warned to consider the failure modes of all component parts and to provide adequate safeguards to prevent personal injury or damage to equipment or property in the event of such failure modes. System designers and end users are cautioned to consult instruction sheets and specifications available from the factory. The system designer/end user is responsible for verifying that all requirements for the application are met.

Warranty

The products described herein are warranted subject to seller's Standard Terms and Condition of Sale, available at seller's website.