

## ME840-6SRK SEAL REPAIR KIT FOR: ME840-6 AND ME840-8 VALVE ASSEMBLIES

#### !!!WARNING!!!

READ AND UNDERSTAND ALL INSTRUCTIONS INCLUDED WITH THIS REPAIR KIT RELIEVE ALL PRESSURE FROM SYSTEM BEFORE REMOVING VALVE FOR SERVICE

**NOTE:** Numbers in brackets [] refer to the number in the valve component list.



WARNING: These products contain a chemical known to the state of California to cause cancer and birth defects or reproductive harm

### A. Disassembly

- 1. EVACUATE ALL PRESSURE FROM SYSTEM BEFORE ANY DISASSEMBLY OR REPAIR.
- 2. Remove Cap [13] on top of Bonnet [8] and retain.
- 3. Loosen Locknut [12] and remove Stem [11] and Locknut [12] from Bonnet [8] and retain.
- 4. Remove Bonnet [8] from Body [1] and retain.
- 5. Remove Spring [6] and retain.
- 6. Remove Poppet [2] from Body [1] and retain.
- 7. Remove and retain Spring Guide [9] and discard O-Rings [7 and 10] from Bonnet [8]
- 8. Inspect Valve Body [1] and Bonnet [8], and clean if necessary, be sure interior is free of dirt, residue and foreign particles.

CAUTION: Do not SCRATCH or MAR seat area in valve body.

# **B.** Reassembly

- 1. Install Poppet [2] into Body [1].
- 2. Install Spring [6] onto Poppet [2].
- 3. Apply silicone grease to Spring Guide O-Ring [10] and install on Spring Guide [9] and install Spring Guide [9] onto Spring [6].

- 4. Apply silicone grease to Bonnet O-Ring [7] and install onto Bonnet [8].
- 5. Install Bonnet [8] onto Body [1] and tighten.
- 6. Install Stem [11] into Bonnet [8].

Connect the valve assembly outlet to a pressure source of at least 150 PSI. Check for leaks at all joints and Stem seals using a suitable leak detector solution such as "Marshall Excelsior" leak detector.

CAUTION: DO NOT USE THE VALVE IF ANY JOINT CONTINUES TO LEAK UNDER PRESSURE.

7. Re-adjust set point for Valve and thread Cap [13] onto Bonnet [8].

# C. Valve Component List

- 1. Body
- 2. Poppet
- 3. Ball Spring
- 4. Ball
- 5. Ball Retainer
- 6. Spring
- 7. Bonnet O-Ring
- 8. Bonnet
- 9. Spring Guide
- 10. Spring Guide O-Ring
- 11. Stem
- 12. Lock Nut
- 13. Cap
- 14. 1/4" NPT Plug, 2 required (Not Shown)
- 15. Nameplate (Not Shown)
- 16. Nameplate Screw, 2 required (Not shown)

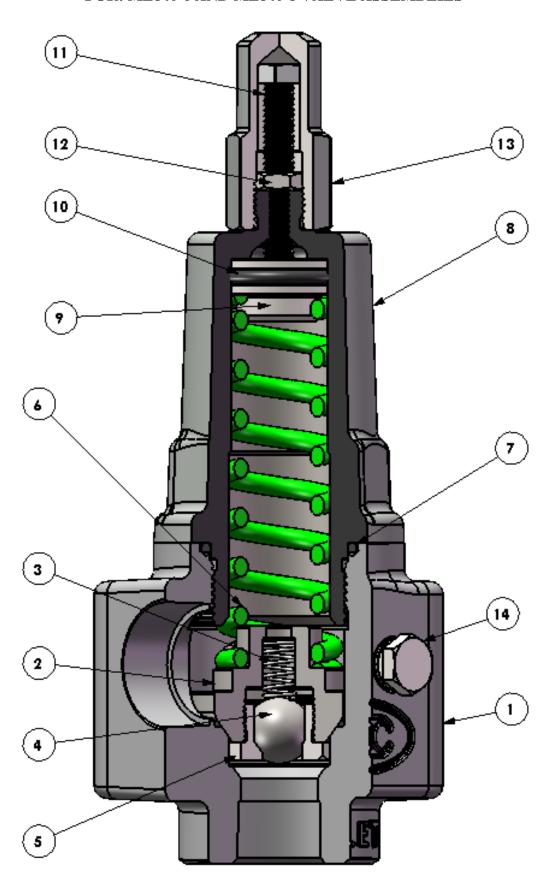
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