

ME840-6K
VALVE 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

VALVE REPAIR INSTRUCTIONS

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

A. Disassembly

1. **EVACUATE ALL PRESSURE FROM SYSTEM BEFORE ANY DISASSEMBLY OR REPAIR.**
2. Remove Cap [13] on top of Bonnet [8] and discard.
3. Loosen Locknut [12] and remove Stem [11] and Locknut [12] from Bonnet [8] and discard.
4. Remove Bonnet [8] from Body [1] and retain.
5. Remove Spring [6] and retain.
6. Remove Poppet [2] from Body [1] and discard.
7. Remove and discard Spring Guide [9] and 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 new Poppet [2] into Body [1].
2. Install Spring [6] onto Poppet [2].
3. Apply silicone grease to Spring Guide O-Ring [10] 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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