

**ME800-USRK
 UPPER SEAL REPAIR KIT**

!!!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.

A. Disassembly

1. **EVACUATE ALL PRESSURE FROM SYSTEM BEFORE ANY DISASSEMBLY OR REPAIR.**
2. Remove Stem Toggle Pin [8], Handle [7], and Thrust Washer [6]. Discard Stem Toggle Pin [8] and Thrust Washer [6].
3. Remove Bonnet [2] and Bonnet Seal [3]. Discard Bonnet Seal [3].
4. Remove Bonnet O-Ring [5] and discard.
5. Remove Stem Assembly [4] and retain.
6. Remove (2) Stem Bushing Nest [9], Stem Bushing [10] and Stem Washer [11] and discard.
7. Inspect Body [1] and Bonnet [2] and clean if necessary, be sure interior is free of dirt, residue, and foreign particles.

B. Reassembly

1. Install Stem Assembly [4] into Body [1].
2. Lubricate and install Bonnet O-Ring [5] into Bonnet [2].
3. Install Bonnet Seal [3] onto Body [1].
4. Apply thread sealant to Bonnet [2] threads and install into Body [1] taking care not to dislodge Bonnet O-Ring [5] from Bonnet [2]. Tighten with minimum of 100 Ft Lbs. of torque.
5. Install Thrust Washer [6] onto top of Bonnet [2].
6. Install Handle [7] onto top of Stem Assembly [4].
7. Install Stem Toggle Pin [8] into Handle [7].
8. Connect the valve assembly outlet to a pressure source of at least 150 PSI. Check for leaks at all joints using a suitable leak detector solution such as “Marshall Excelsior” leak detector.

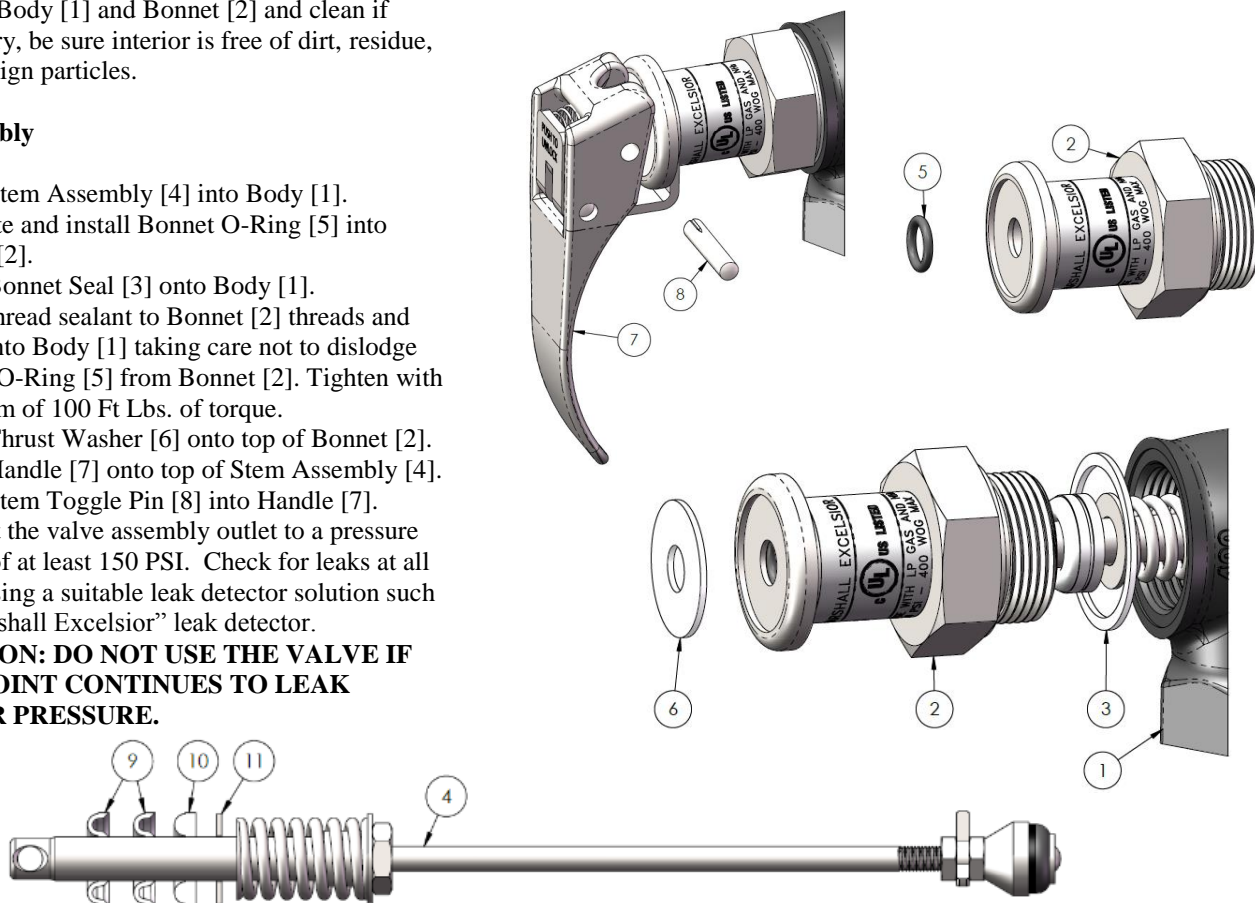
CAUTION: DO NOT USE THE VALVE IF ANY JOINT CONTINUES TO LEAK UNDER PRESSURE.

C. Component List

1. Body
2. Bonnet
3. Bonnet Seal
4. Stem Assembly
5. Bonnet O-Ring
6. Thrust Washer
7. Handle
8. Stem Toggle Pin
9. Stem Bushing Nest
10. Stem Bushing
11. Stem Washer



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



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