

**ME815K BONNET REPAIR KIT  
 FOR MEC GLOBE & ANGLE VALVES  
 1/2", 3/4", & 1" NPT SIZES**

**!!!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!**

Failure to follow these instructions or to properly install and maintain this equipment could result in an explosion and/or fire causing property damage and personal injury or death.

MEC equipment must be installed, operated, and maintained in accordance with federal, state, and local codes and manufacturer's instructions. The installation in most states must also comply with NFPA No. 58, and ANSI Standard K61.1.

Only personnel trained in the proper procedures, codes, standards, and regulations of the LP-Gas industry should install and service this equipment.



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

**A. Disassembly**

**!CAUTION!**

**EVACUATE ALL PRESSURE FROM SYSTEM BEFORE ANY DISASSEMBLY OR REPAIR.**

1. Fully open the Valve.
2. Remove and discard Handle [6] and Handle Screw [7].
3. If present, remove and discard Weather Boot components [3-5].
4. Remove and discard Bonnet Assembly [1] and Bonnet Seal [2].

**B. Reassembly**

1. Install Bonnet Seal [2] into Valve Body.
  2. Ensure Bonnet Assembly [1] is set to full open. Apply Loctite #565 or equivalent Thread Sealant to threads of Bonnet Assembly and install into Valve Body.
  3. **OPTIONAL:** Install Spring [3], Weather Boot [4] and Handle Washer [5] onto Bonnet Assembly [1] in order and orientation shown.
- \*NOTE:** This is recommended for any valves exposed to weather or road conditions, to prevent buildup of materials on stem of Bonnet Assembly.
4. Install Handle [6] and Handle Screw [7] onto Bonnet Assembly [1].

5. Connect the valve assembly 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.**



**C. Component List**

1. Bonnet Assembly
2. Bonnet Seal
3. Spring (Optional)
4. Weather Boot (Optional)
5. Handle Washer (Optional)
6. Handle
7. Handle Screw

**Marshall Excelsior Company**  
 1506 George Brown Drive Marshall, MI 49068  
 Phone (269) 789-6700 Fax (269) 781-8340  
 www.marshallexcelsior.com

The contents of this publication are for informational purposes only. While every effort has been made to ensure accuracy, these contents are not to be construed as warranties or guarantees, expressed or implied, regarding the products or services described herein or for their use or applicability. Marshall Excelsior Co. reserves the right to modify or improve the designs or specifications of such products at any time without notice. The MEC™ logo is the trademark of Marshall Excelsior Co.