

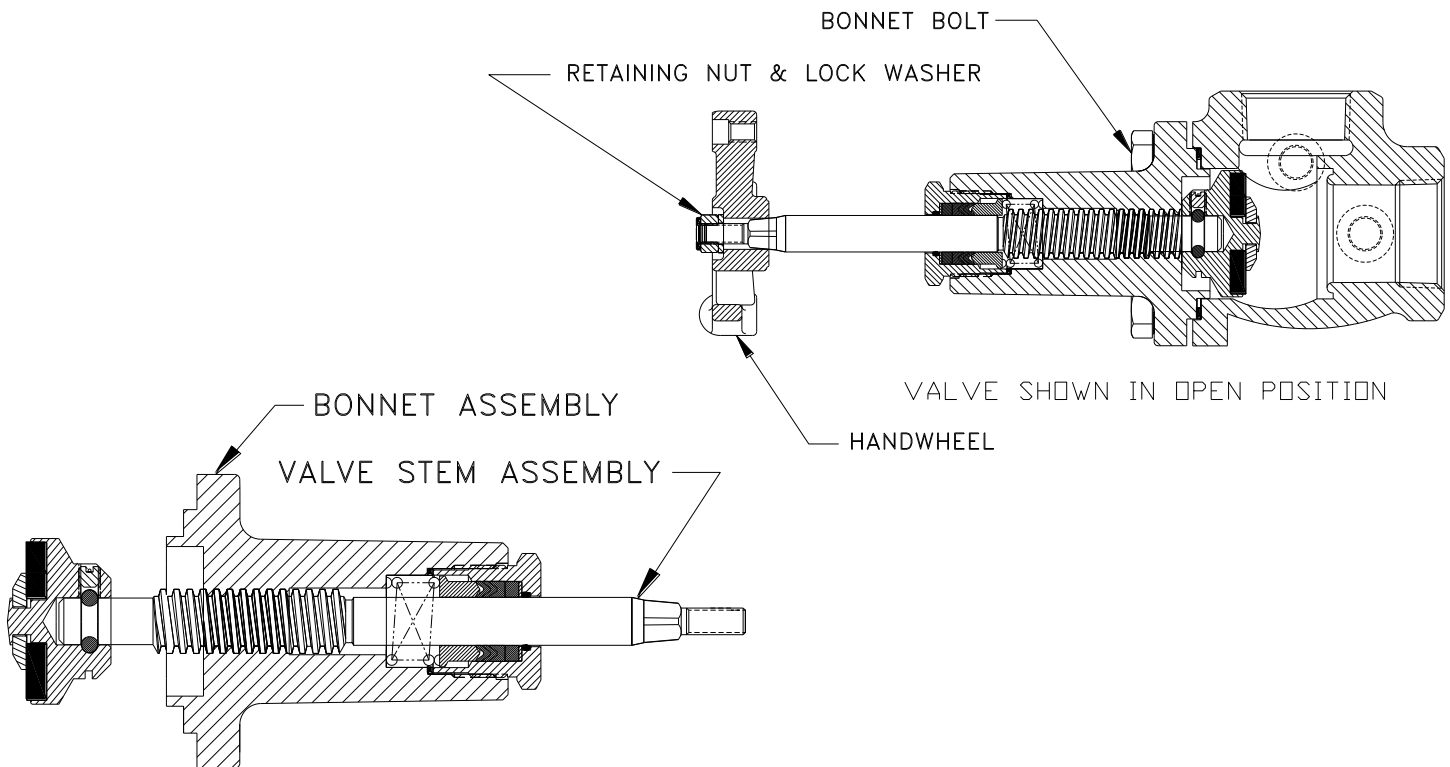
**ME815BRK SERIES**  
**BONNET REPAIR KIT FOR MARSHALL EXCELSIOR GLOBE & ANGLE VALVES**  
**FOR: ME815/ME825 1 ¼" THRU 3" NPT SIZES**

**!!!WARNING!!!**

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

**VALVE BONNET DISASSEMBLY INSTRUCTIONS**

1. Turn handwheel counterclockwise to fully open the valve.
2. Remove handwheel retaining nut and lock washer from shaft and retain.
3. Remove handwheel from valve shaft and retain.
4. Remove the bonnet bolts (4) from the valve body and retain.
5. Retain valve information plate (not shown) for reinstallation later.
6. Remove bonnet assembly from the valve body and discard.
7. Remove bonnet gasket from valve body and discard.



**VALVE BONNET REPLACEMENT INSTRUCTIONS**

1. Install new bonnet gasket into valve body.
2. Install new bonnet assembly into valve body as shown and align with bolt holes in flange.
3. Install retained valve information plate and bonnet bolts (4) as shown.
4. Tighten bonnet bolts with a minimum of 100 foot-pounds of torque.
5. Install retained handwheel, lock washer and retaining nut as shown and tighten
6. Close the valve by turning the handwheel clockwise until the valve seats.
7. Connect the valve assembly inlet to a pressure source of at least 150 PSI.  
Check for leaks (as evidenced by bubbles) at all joints and sealing surfaces by submersing the valve in water, (or by applying Marshall Excelsior "leak detector" solution to all joints).
8. **CAUTION: DO NOT USE THE VALVE IF ANY JOINT OR SEALING SURFACE CONTINUES TO LEAK UNDER PRESSURE.**