



**ME670-BRK AND ME671IBC-BRK  
BONNET REPAIR KIT  
FOR: ME670 THRU ME673 SERIES  
FILL AND WITHDRAWAL VALVES**

**!!!WARNING!!!**

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

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**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 Hex Nut [8], Split Lock Washer [7], Information Plate [6], and Handwheel [5] from Valve Shaft [3] and retain.
3. Remove Valve Bonnet [4] from Valve Body [1] and discard.
4. Remove Bonnet Seal [2] from Valve Body [1] and discard.
5. Inspect Valve Body [1] and clean if necessary, be sure interior is free of dirt, residue and foreign particles.

**B. Reassembly**

1. Install Bonnet Seal [2] into Valve Body [1].
2. Apply Loctite #271 to Threads of Valve Bonnet [4] and install into Valve Body [1].
3. Install Handwheel [5], Information Plate [6], Split Lock Washer [7], and Hex Nut [8] onto Valve Shaft [3] and tighten.
4. 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 joints continue to leak under pressure.**

**C. Component List**

1. Valve Body
2. Bonnet Seal
3. Valve Shaft
4. Valve Bonnet
5. Handwheel
6. Information Plate
7. Split Lock Washer
8. Hex Nut

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