

**ME807CRK AND ME807SCRK  
 LOW EMISSION SHUTOFF VALVE  
 COUPLING 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. With valve in open position, remove (2) set screws [2] from Valve Body [1] and discard.
3. Remove Adapter [3] and Acme Gasket [4] from Valve Body [1] and discard.
4. Remove Adapter O-Ring [5] 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**

**!WARNING!**

Failure to follow these instructions could cause risk of serious injury or death.

1. With valve in open position, apply lubriplate or suitable lubricant to Valve Body [1] and install Adapter O-Ring [5] into Valve Body [1].
2. Apply Loctite #242 (blue) or equivalent thread locker to threads of Adapter [3] and install into Valve Body [1]. Torque Adapter [3] to 160±10 ft. lbs.
3. Install (2) Set Screws [2] into Valve Body [1] and torque to 80 in lbs.
4. Install Acme Gasket [4] into Adapter [3].

5. 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. Part Number and Component List**

- |                  |                   |
|------------------|-------------------|
| 1. ME807-16-01   | Valve Body        |
| 2. ME807-16-07   | Set Screw, Qty: 2 |
| 3. Adapter       |                   |
| • ME807-16-02    | Brass             |
| • ME807S-16-02   | Steel             |
| 4. MEW6          | Acme Gasket       |
| 5. ME806HN-16-07 | Adapter O-Ring    |



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