

!!!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.

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

A. Disassembly

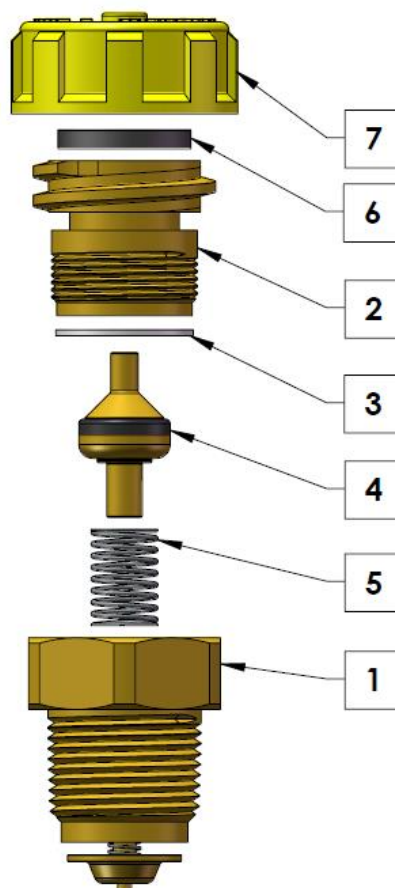
1. **EVACUATE ALL PRESSURE FROM SYSTEM BEFORE ANY DISASSEMBLY OR REPAIR.**
2. Remove Acme Cap [7] from Bonnet [2] and retain.
3. Remove Acme Gasket [6] from Bonnet [2] and discard.
4. Remove Bonnet [2] from Body [1] and retain.
5. Remove Molded Valve [4], Spring [5], and Nylon Seal [3] from Body [1] and discard.
6. 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 Nylon Seal [3] into Body [1].
2. Install Spring [5] into Body [1].
3. Install Molded Valve [4] into Body [1] in direction shown.
4. Apply Loctite #271 or equivalent thread locker to threads of Bonnet [2].
5. Install Bonnet [2] into Body [1] and torque to 50±5 ft-lbs.
6. Install Acme Gasket [6] into Bonnet [2].
7. 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.

C. Component List

1. Body
2. Bonnet
3. Nylon Seal
4. Molded Valve
5. Spring
6. Acme Gasket
7. Acme Cap



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