

**!!!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. Remove (2) Socket Head Cap Screws [4] and Packing Retainer [3] from Body [1] and retain.
3. Remove Packing Gland Assembly [2] and discard.
4. Inspect Valve Body [1] and clean if necessary, be sure interior is free of dirt, residue and foreign particles.

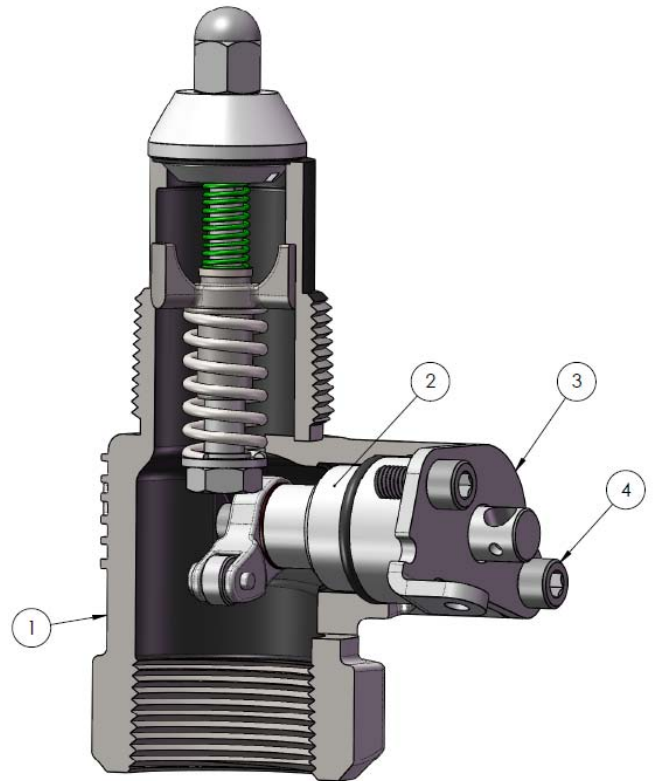
### B. Reassembly

1. Install Gland Assembly [2] into Body [1].
2. Apply Loctite #271 to threaded holes in Body [1] and install Packing Retainer [3]. Install (2) Socket Head Cap Screws [4] thru Packing Retainer [6] into Body [1].
3. 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 JOINT CONTINUES TO LEAK UNDER PRESSURE.**

### C. Component List

1. Body
2. Gland Assembly
3. Packing Retainer
4. Socket Head Cap Screw, 2 required



## Marshall Excelsior Company

1506 George Brown Drive Marshall, MI 49068  
Phone (269) 789-6700 Fax (269) 781-8340  
[www.marshallexcelsior.com](http://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.