



**FULL PORT VALVE ASSEMBLY
BONNET REPAIR KIT
FOR: ME825-3F-BRK AND ME825-4F-BRK**

!!!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 Handwheel Nut [9], Handwheel Washer [8], and Handwheel [7] from Stem [4a] and retain.
3. Remove (4) Bonnet Bolts [6] from Bonnet Assembly [4] and retain.
4. Remove Nameplate [5] and discard.
5. Remove Bonnet Assembly [4] from Body [1] and discard.
6. Remove Garlock Gasket [3] and Bonnet O-Ring [2] and discard.
7. Inspect Body [1] and clean if necessary, be sure interior is free of dirt, residue, and foreign particles.

B. Reassembly

1. Apply suitable lubricant to Bonnet O-Ring [2]. Install Bonnet O-Ring [2] and Garlock Gasket [3] into Body [1].
2. Install Bonnet Assembly [4] into Body [1].
3. Place Nameplate [5] onto Bonnet Assembly [4].
4. Apply Anti-Seize to threads of (4) Bonnet Bolts [6] and install into Body [1], retaining Nameplate [5] and Bonnet Assembly [4], tighten securely.
5. Install Handwheel [7], Handwheel Washer [8], and Handwheel Nut [9] onto Stem [4a], tighten securely.
6. 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.

Marshall Excelsior Company

1506 George Brown Drive Marshall, MI 49068
Phone (269) 789-6700 Fax (269) 781-8340
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.

ME825-3F-BRK AND ME825-4F-BRK



C. Component List

1. Body
2. Bonnet O-Ring
3. Garlock Gasket
4. Bonnet Assembly
 - 4a. Stem
5. Nameplate
6. Bonnet Bolts, Qty: 4
7. Handwheel
8. Handwheel Split Washer
9. Handwheel Nut



WARNING: These products contain a chemical known to the state of California to cause cancer and birth defects or reproductive harm