



ME1000-10-BRK INTERNAL COMBINATION VALVE BONNET 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.

!WARNING!

Relieve all pressure from system before removing valve for service, and before any disassembly or repair.

Read and understand all instructions included with the repair kit, prior to starting any repairs.

!GENERAL WARNING!

Marshall Excelsior products are mechanical devices that are subject to wear, contaminants, corrosion, and aging of components made of materials such as rubber and metal. Over time these devices will eventually become inoperative. The safe service life of these products will reflect the environment and conditions of use that they are subjected to. Regular inspection and maintenance is essential. Marshall Excelsior products have a long record of quality and service, so LP-Gas dealers may forget hazards that can arise from using aging devices that have outlived their safe service life.



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

A. Disassembly

1. Close internal valve
2. Fully open angle valve.
3. Remove Nut [6], Lock Washer [5], Handle Info Plate [4], and Handle [3] from Bonnet [1] and retain.
4. Unthread Bonnet [1] with Bonnet O-ring from Body [7] and discard.

B. Reassembly

1. Apply Lubriplate or equivalent grease to Bonnet O-ring [2]. Install Bonnet O-ring into groove of Bonnet [1].
2. Apply Loctite #242 or equivalent thread locker to Bonnet [1] threads.
3. Install Bonnet [1] into Body [7] and torque to minimum 50 ft-lbs.
4. Install Handle [3], Handle Info Plate [4], Lock Washer [5], and Nut [6] onto Bonnet [1]

!CAUTION!

If any joint or seal continues to leak after reassembly, do not continue to use the valve.

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.

ME1000-10-BRK

Item Number	Description	Qty.	Included in Repair kit
1	Bonnet	1	Yes
2	Bonnet O-ring	1	Yes
3	Handle	1	No
4	Handle Info Plate	1	No
5	Lock Washer	1	No
6	Nut	1	No
7	Body	1	No

