



## ME777-SRK POL FILLER VALVE SEAL 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.**

#### **A. Disassembly of ME777 Filler Valve**

1. Fully open valve.
2. Remove Body Set Screw [3] and POL Tailpiece assembly [12] from Body [1] and retain.
3. Remove Locking Set Screw [11] from Stem [7] and discard. Remove Seal Retainer [8], Stem Seal [9], and Stem Guide [10]. Can use through hole in Stem [7] to stop rotation.
4. Discard Stem Seal [9].
5. Remove Stem assembly [7] from Body [1] and retain.
6. Remove Body O-ring [2] and discard.
7. Remove Gland [4] from Body [1]. Remove Inner O-ring [5] and Outer O-ring [6] from Gland [4] and discard.
8. FOR ME777 MODEL ONLY – Remove POL Seal [13] from POL Tailpiece assembly [12] and discard.

#### **B. Reassembly**

1. Apply Lubriplate or equivalent grease to Body Seal [2] and install into Body [1].
2. Apply Lubriplate or equivalent grease to Inner and Outer O-rings [5-6]. Install Inner O-ring [5] into Seal Gland [4]. Install Outer O-ring [6] onto Seal Gland [4].
3. Install Seal Gland assembly [4-6] into Body [1] and torque to 50 ft-lbs.
4. Install Stem assembly [7] into Body [1] and torque to 50 ft-lbs.
5. Install Stem Guide [10], Stem Seal [9], and Seal Retainer [8] into Stem [7]. Torque Seal Retainer [8] to 15 in-lbs. Can use through hole in Stem [7] to stop rotation.
6. Install Locking Set Screw [11] and torque to 6 in-lbs.
7. Install POL Tailpiece assembly [16] into Body [1] and torque to 50 ft-lbs.
8. FOR ME777 MODEL ONLY – Apply Lubriplate or equivalent grease to POL Seal [13] and install onto POL Tailpiece assembly [12].

After reassembly, connect the Filler Valve inlet to a pressure source of at least 150 psi. Check for leaks at all assembly joints using a suitable leak detector solution such as “Marshall Excelsior” leak detector.

### **!CAUTION!**

**Torque specifications on the POL Tailpiece (50 ft-lbs), Stem assembly (50 ft-lbs), Body Set Screw (50 in-lbs), Seal Retainer (15 in-lbs), and Locking Set Screw (6 in-lbs) must be met to insure a proper and reliable seal.**

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

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# ME777-SRK

Item Number	Description	Qty.	Included in Repair kit
1	Body	1	No
2	Body Seal	1	Yes
3	Body Set Screw	1	No
4	Seal Gland	1	No
5	Inner O-ring	1	Yes
6	Outer O-ring	1	Yes
7	Stem assembly	1	No
8	Seal Retainer	1	No
9	Stem Seal	1	Yes
10	Stem Guide	1	No
11	Locking Set Screw	1	Yes
12	POL Tailpiece assembly	1	No
13	POL O-ring (FOR ME777-X ONLY)	1	Yes

