



ME777-VRK POL FILLER VALVE VALVE 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. Remove Body Set Screw [3] and POL Tailpiece assembly [4-8] from Body [1] and discard.
2. Remove Handle [15], Handle Latch [16], Handle Latch Spring [17], and (2) Dowel Pins [18] and discard.
3. Remove Bonnet [14], Closing Spring [13], Closing Spring Retainer [12], Upper Stem Retainer [11], and Upper Stem [10] and discard.
4. Remove Stem assembly [9] from Body [1] and discard.

B. Reassembly

1. Apply Lubriplate or equivalent grease to Body Seal [2] and install into Body [1].
2. Install POL Bearing [5], POL Nut [6], and POL Bushing [7] onto POL Tailpiece [4]. Install POL Tailpiece [4-7] into Body [1] and torque to 50 ft-lbs.
3. Install Body Set Screw [3] into Body [1] and torque to 50 in-lbs.
4. Apply Lubriplate or equivalent grease to POL O-ring [8].
5. Install Stem assembly [9] into Body [1] and torque Gland [9a] to 50 ft-lbs.
6. Install Upper Stem [10] and Upper Stem Retainer [11] onto Stem [9d]. Install Closing Spring Retainer [12], Closing Spring [13], and Bonnet [14] onto Upper Stem [10] and torque to 50 ft-lbs.
7. Install Handle [15], Handle Latch [17], Handle Latch Spring [16], and (2) Dowel Pin [18] onto Upper Stem [10].

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), Gland (50 ft-lbs), Bonnet (50 ft-lbs), and Body Set Screw (50 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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Item Number	Description	Qty.	Included in Repair kit
1	Body	1	No
2	Body Seal	1	Yes
3	Body Set Screw	1	Yes
4	POL Tailpiece	1	Yes
5	POL Bearing	1	Yes
6	POL Nut	1	Yes
7	POL Bushing	1	Yes
8	POL O-ring	1	Yes
9	Stem assembly	1	Yes
9a	Gland	1	Yes
9b	Inner O-ring	1	Yes
9c	Outer O-ring	1	Yes
9d	Stem	1	Yes
9e	Seal Retainer	1	Yes
9f	Stem Seal	1	Yes
9g	Stem Guide	1	Yes
9h	Locking Set Screw	1	Yes
10	Upper Stem	1	Yes
11	Upper Stem Retainer	1	Yes
12	Closing Spring Retainer	1	Yes
13	Closing Spring	1	Yes
14	Bonnet	1	Yes
15	Handle	1	Yes
16	Handle Latch	1	Yes
17	Handle Latch Spring	1	Yes
18	Dowel Pin	2	Yes

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