



ME990-10-SRK
SEAL REPAIR KIT
FOR: ME990-10, ME991-10, ME992-10
1-1/4" INTERNAL VALVES

!!!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. Numbers in parenthesis () refer to quantities of the valve component.



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

A. Disassembly

- 1. EVACUATE ALL PRESSURE FROM SYSTEM BEFORE ANY DISASSEMBLY OR REPAIR.**
2. Remove (2) Mounting Screws [5], and Cover Plate [4] from Body [1] and retain. If Packing Washers are present, remove washers and discard.
3. Remove Packing Gland Assembly [2] and discard. If packing gland is comprised of loose components, remove and discard all loose items.
4. Remove Gland O-ring [3] and discard.
5. Remove Nut [6] from Stem [8] and retain.
6. Remove Valve Holder Assembly [7] from Stem [8] and retain.
7. Remove Seal Retainer [7B] from Valve Holder [7A] and retain.
8. Remove Valve Seal [7D] and Excess Flow Seal [7C] from Valve Holder [7A] and discard.
9. Inspect Valve Body [1] and clean if necessary, be sure interior is free of dirt, residue and foreign particles.

B. Reassembly

1. Install Excess Flow Seal [7C] and Valve Seal [7D] into Valve Holder [7A].
2. Apply Loctite #242 or equivalent threadlocker to Seal Retainer [7B]; install into Valve Holder [7A].
3. Ensure Guide [9] is nested into slot in Body [1] as shown below. Install Valve Holder Assembly [7] onto Stem [8].
4. Apply Loctite #242 or equivalent threadlocker to threads of Nut [6]; install onto Stem [8] and tighten.
5. Apply Lubriplate #107 or equivalent grease to Gland O-ring [3]; install O-ring onto Gland Assembly [2].
6. If Body [1] has a threaded gland region: Apply Loctite #242 or equivalent threadlocker to threads of Gland Assembly [2].
7. Install Gland Assembly [2] into Body [1].
8. Apply Loctite #242 or equivalent threadlocker to screw holes in Body [1]. Install (2) Mounting Screws [5] through Cover Plate [4] into Body [1].
9. Connect the valve assembly outlet to a pressure source of at least 150 PSI / 1040 kPa. 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.

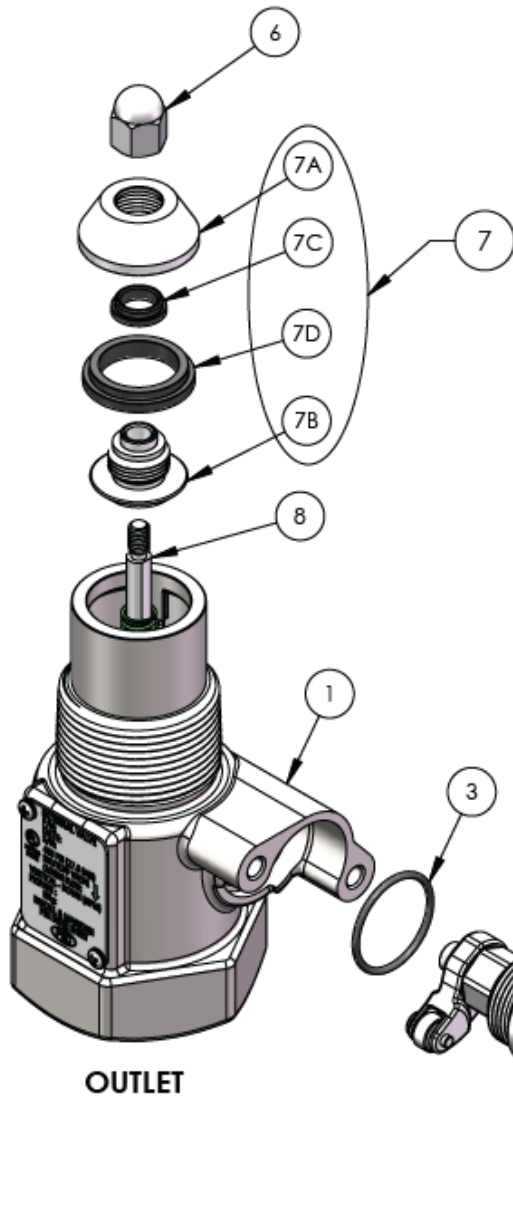
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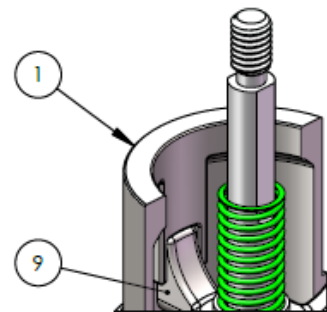
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Component List



Item No.	Description	Qty	ME990-10-SRK
1	Body	1	
2	Gland Assembly	1	✓
3	Gland O-ring	1	✓
4	Cover Plate	1	
5	Mounting Screws	2	
6	Nut	1	
7	Valve Holder Assembly	1	
7A	Valve Holder	1	
7B	Seal Retainer	1	
7C	Excess Flow Seal	1	✓
7D	Valve Seal	1	✓
8	Valve Stem	1	
9	Guide	1	



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