



**ME990-PRK
PACKING REPAIR KIT
FOR: ME990 2" & 3" 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.

A. Disassembly

- 1. EVACUATE ALL PRESSURE FROM SYSTEM BEFORE ANY DISASSEMBLY OR REPAIR.**
2. Remove Valve Link Cotter Pin [4] and Lever [3] and retain.
3. Remove Gland Assembly [2] and Gland O-Ring [2N] from Body [1] and discard Gland O-Ring [2N].
4. Remove Spring Pin [2Q] from Cam Assembly [2R] and discard Spring Pin [2Q].
5. Remove Bonnet [2C] from Stub [2A] and Retain.
6. Remove Wiper [2B] and Gland Bushing [2D] from Bonnet [2C] and discard.
7. Remove Nylon Washer [2E], Female Adapter [2F], (3) V-Pack [2G], and Male Adapter [2H] from Stub [2A] and discard.
8. Remove Thick Washer [2J], Gland Spring [2K], and Thin Washer [2M] from Stub [2A] and retain.
9. Remove Gland [2M] from Stub [2A] and retain.
10. Remove O-Ring [2P] and Gland Bushing [2D] from Gland [2M] and discard.
11. Inspect Valve Body [1] and clean if necessary, be sure interior is free of dirt, residue and foreign particles.

B. Reassembly

1. Install Gland Bushing [2D] into Gland [2M].
2. Apply Lubriplate to O-Ring [2P] and main bore of Gland [2M] and install O-Ring [2P] in Gland [2M].
3. Apply Lubriplate to large section on Stub[2A] and install in Gland [2M].
4. Install Thin Washer[2L], Gland Spring [2K], Thick Washer [2J], Male Adapter [2H], (3) V-Pack [2G], and Female Adapter [2F] in Gland [2M].
5. Install Nylon Washer [2E] on Stub [2A].
6. Install Rod Wiper [2B] and Gland Bushing [2D] in Bonnet [2C].

7. Apply Loctite #242 to threads of Bonnet [2C] and install into Gland [2M].
8. Install Cam Assembly [2R] on end of Stub [2A] and install Spring Pin [2Q] thru Cam Assembly [2R] and Stub [2A].
9. Apply Lubriplate to Gland O-Ring [2N] and install on Gland Assembly [2].
10. Apply Loctite #242 to threads of Gland Assembly [2] and install into Body [1].
11. Install Lever [3] and Valve Link Cotter Pin [4] on Gland Assembly [2].
12. Connect the valve assembly outlet to a pressure source of at least 150 PSI. 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.

C. Component List

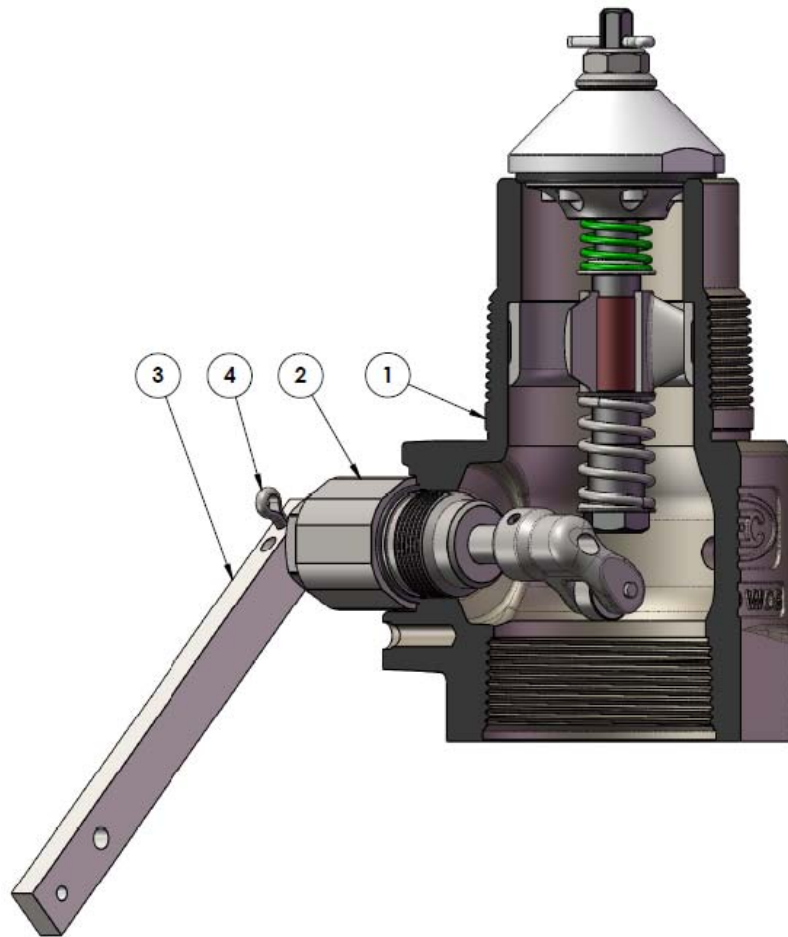
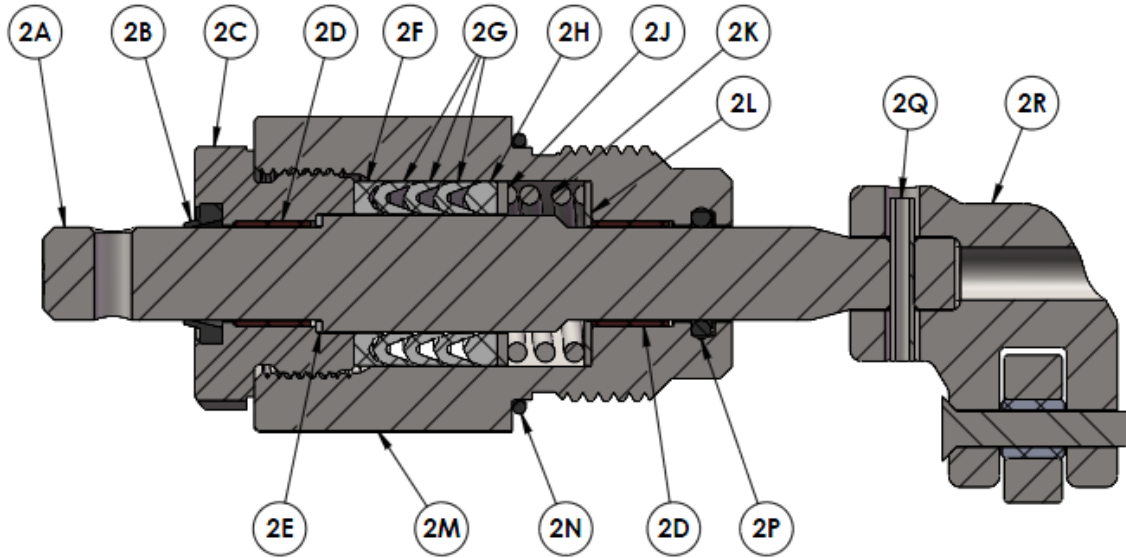
1. Body
2. Gland Assembly
- 2A. Stub
- 2B. Wiper
- 2C. Bonnet
- 2D. Gland Bushing, 2 required
- 2E. Nylon Washer
- 2F. Female Packing
- 2G. V-Pack, 3 required
- 2H. Male Packing
- 2J. Thick Washer
- 2K. Gland Spring
- 2L. Thin Washer
- 2M. Gland
- 2N. Gland O-Ring
- 2P. O-Ring
- 2Q. Spring Pin
- 2R. Cam Assembly
3. Lever
4. Valve Link Cotter Pin

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