



**ME990-4F-PGA
PACKING GLAND ASSEMBLY
REPAIR KIT
FOR: ME990-4F 4" SINGLE FLANGE
INTERNAL VALVE**

!!!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 Cotter Pin [2] from Cam Pin [3] and discard.
3. Remove Cam Pin [3], Cam Assembly [4] and Stub Washer [5] and discard.
4. Remove Rod Wiper [6A], Bonnet [6B], Female Adapter [6C], (3) V-Packs [6D], Male Adapter [6E], Packing Washer [6F], Packing Spring [6G], Ejection Spring [6H], Stub [6J], and Bushing [6K] from Valve Body [1] and discard.
5. Inspect Valve Body [1] and clean if necessary, be sure interior is free of dirt, residue and foreign particles.

B. Reassembly

1. Apply Loctite #242 to Bonnet [6B] and install Stub Assembly [6] into Valve Body [1]. Remove zipties after Stub Assembly [6] is installed.
2. Install Stub Washer [5] onto Stub [6J].
3. Install Cam Assembly [4] onto Stub [6J].
4. Install Cam Pin [3] through Cam Assembly [4] and Stub [6J]. Retain with Cotter Pin [2].

5. 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. Valve Body
2. Cotter Pin
3. Cam Pin
4. Cam Assembly
5. Stub Washer
6. Stub Assembly
- 6A. Rod Wiper
- 6B. Bonnet
- 6C. Female Adapter
- 6D. V-Pack
- 6E. Male Adapter
- 6F. Packing Washer
- 6G. Packing Washer
- 6H. Ejection Spring
- 6J. Stub
- 6K. Stem Bushing



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

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