

## ME815-10/16USRK 1 ¼" thru 2" Globe and Angle Valve Upper Seal Repair Kit

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!!!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 Nylock Nut [3], Split Lock Washer [4], and Handle [5] from Stem [1] and retain.
- 3. Remove Valve Shaft Gland Assembly [6] and discard. NOTE: Removed packing components may differ from Repair Kit.
- 4. Remove Spring [8] from Bonnet [2] and retain.
- 5. Inspect Stem [1] and Bonnet [2] and clean if necessary, be sure interior is free of dirt, residue, and foreign particles.

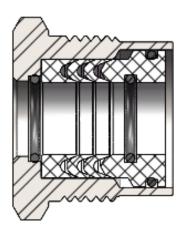
## **B.** Reassembly

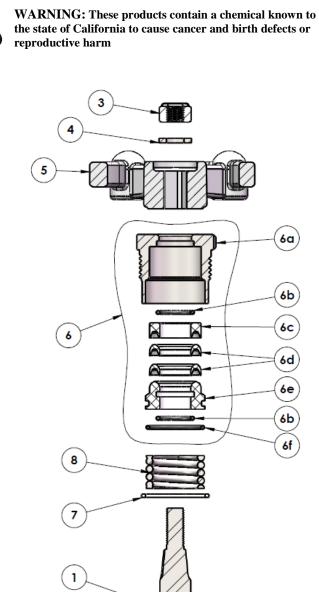
- 1. Install Nylon Gland Seal [7] into Bonnet [2].
- 2. Install Spring [8] into Bonnet [2].
- 3. Apply Loctite #565 or equivalent thread sealant to threads of Valve Shaft Gland Assembly [6] and install into Bonnet [2]. Tighten to 55-65 Ft-Lbs of torque.
- 4. Install Handle [5], Split Lock Washer [4], and Nylock Nut [3] onto Stem [1]. Tighten to 55-65 In-Lbs of torque.
- 5. Connect the valve assembly outlet to a pressure source of at least 150 PSI. Check for leaks at all joints 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. Stem
- 2. Bonnet
- 3. Nylock Nut
- 4. Split Lock Washer
- 5. Handle
- 6. Valve Shaft Gland Assembly
  - 6a. Valve Shaft Gland
  - 6b. Stem O-Ring, Qty: 2
  - 6c. Female Adapter
  - 6d. V-Pack, Qty: 2
  - 6e. Male Adapter Bushing
  - 6f. Bushing O-Ring
- 7. Nylon Gland Seal
- 8. Spring





Form #983 Rev D 10/10/17