

NOTE: Numbers in brackets [] refer to the number in the valve component list.



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 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

