

## Unitary Valve Repack

### INSTALLATION INSTRUCTIONS

#### BEFORE INSTALLATION

This kit replaces the packing, packing spring, spacers, and lubricant.

The repack procedure shown in these instructions requires system shutdown. For information on repacking without system shutdown, refer to 77-5544. Verify that the appropriate kit has been selected:

- 14003297-001 Repack Kit for V7526, V7527, VP524, VP526, VP527, and VP531A
- 14003297-002 Repack Kit for VP525A&C, VP531C

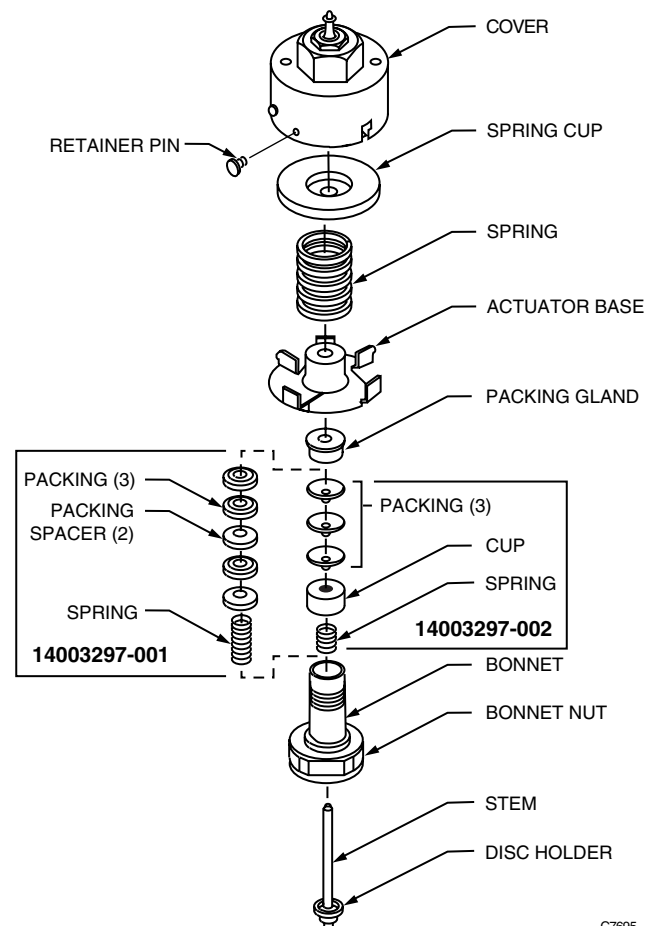
#### INSTALLATION

##### Disassembly

- 1 Relieve steam or water pressure to valve.
- 2 Relieve air pressure to actuator.
- 3 Remove Actuator from Valve:
  - VP525, VP527, and VP531 Valves:  
Remove screw or retainer pin on side of actuator cover. Turn actuator cover counter-clockwise to remove from bayonet type mount.
  - VP524 Valves:  
Remove retaining ring with tru-arc pliers. Lift actuator from valve.
  - V7526 and V7527 Valves:  
Loosen set screws in actuator base and move retainer slide sideways to release actuator from stem button.
- 4 Disengage spring retaining cup from stem and remove spring.
- 5 Loosen packing nut or actuator base from bonnet.
- 6 Unscrew bonnet nut to remove bonnet.
- 7 Remove stem and packing nut (or actuator base) from bonnet.
- 8 Remove remaining parts from bonnet.
- 9 Clean packing nut (or gland) and stem to remove deposits and old lubricant.
- 10 Inspect stem and disk holder for wear, scratches, corrosion, or bent condition. Replace parts if visually defective.

##### Reassembly

- 1 Lightly coat stem with lubricant.
- 2 Insert stem into bonnet.
- 3 Assemble parts into bonnet cavity, applying lubricant into cavity prior to inserting each part.
- 4 Install bonnet to valve and tighten.
- 5 Install packing nut (or actuator base) to bonnet and tighten.
- 6 Manually move stem full stroke up and down to verify free movement. It is normal for plug to rub in seat near end of stroke.
- 7 Install spring and spring retaining cup to stem.
- 8 Assemble actuator and restore air pressure.
- 9 Restore steam or water to valve.



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