

BELL & GOSSETT

INSTRUCTION MANUAL

V56903

REVISION A

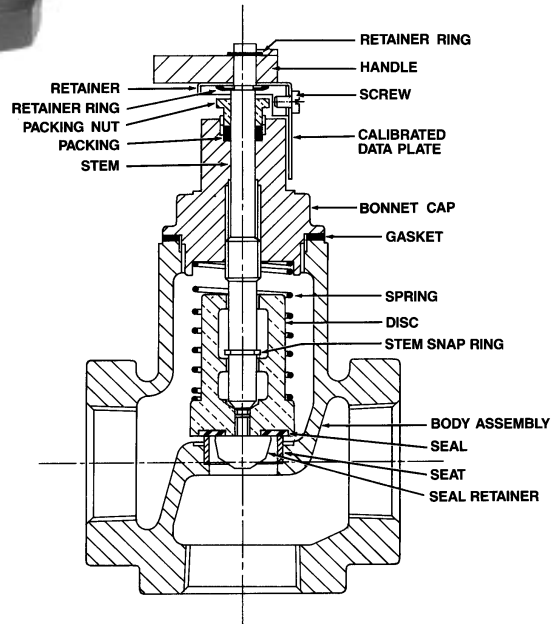


Model 3DX

Triple Duty[®] Valve

DISC KIT INSTALLATION INSTRUCTIONS

**INSTALLER:
PLEASE LEAVE THIS MANUAL
FOR THE OWNER'S USE.**



OPERATIONAL LIMITS

Maximum Operating Temperature 250°F

Maximum Operating Pressure 125 psig

***WARNING LABEL PART NUMBER V56845 INSTALLED IN THIS LOCATION.
IF MISSING IT MUST BE REPLACED.**



SAFETY INSTRUCTION

This safety alert symbol will be used in this manual and on the Triple Duty Valve safety instruction decal to draw attention to safety related instructions. When used, the safety alert symbol means ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED! FAILURE TO FOLLOW THE INSTRUCTIONS MAY RESULT IN A SAFETY HAZARD.

INSTALLATION INSTRUCTIONS



WARNING: Hot system fluid can be hazardous. Isolate the Triple Duty Valve from the system with shutoff valves or drain the system. Allow isolated system and triple duty valve to cool to approximately 100°F. Reduce isolated system pressure to zero. Leave drain open. Failure to follow this instruction could result in serious personal injury or death and property damage.

1. Loosen the threaded bonnet cap and remove the entire assembly with the valve stem and disc attached.
2. Two seal retainers are included with the new disc kit. Using the old seal retainer for comparison, select the new seal retainer that is identical in size and discard the other one. The difference between the two seal retainers is approximately $\frac{3}{32}$ " in the outside diameter.



CAUTION: Use of improper seal retainer can cause disc to hang up or provide improper flow calibration. Use proper seal retainer by comparison with originally supplied retainer. Failure to follow this instruction could result in property damage.

3. If the new seal retainer included on the assembly is the one that is needed, skip to Step 2. If the new seal retainer that is needed is not attached to the assembly, remove the seal retainer that came attached to the stem assembly with a screwdriver and discard. Place a small drop of loctite on the loose seal retainer and place on the stem assembly. Tighten securely.



CAUTION: Loctite can get into the valve mechanism and cause it to seize up. Do not use any more than a drop of Loctite. Failure to follow this instruction could result in property damage.

4. Remove the old gasket and clean the gasket surface on the body. Install a new gasket (included with the disc kit).
5. Secure the new assembly on the valve.
6. Return the system to its normal operating mode and check for gasket leaks. If leaks are present, tighten bonnet cap further. If they persist, remove bonnet cap, check gasket and replace if necessary.

NOTE: TO ASSURE CONTINUED QUALITY PERFORMANCE, USE ONLY GENUINE BELL & GOSSETT REPLACEMENT PARTS.

For further information, contact ITT Bell & Gossett, 8200 N. Austin Avenue, Morton Grove, IL 60053, Phone (847) 966-3700 – Facsimile (847) 966-9052.