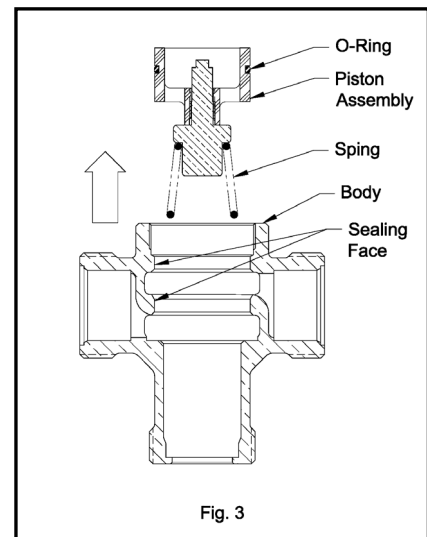
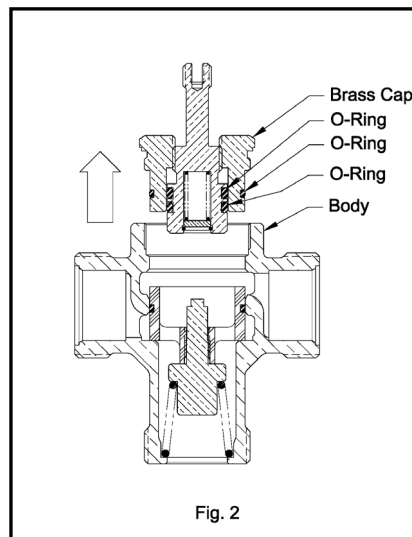
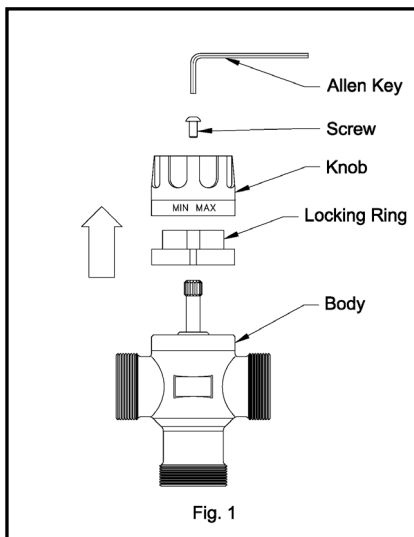


O-Ring Installation: (For Model 5000-1)

1. Isolate the valve from the water supply.
2. Unscrew the Union Nuts and remove the Valve Body from the system.
3. Using the Allen Key provided, remove the Screw securing the Knob to the valve and remove the Knob and Locking Ring. (See Fig. 1)
4. Secure the valve Body (using the flats on the body) and unscrew the brass Cap to remove the internals of the valve. (See Fig. 2)
5. Push the Spring and the Piston assembly out of the top of the valve. (See Fig. 3)
6. Clean the valve body paying particular attention to the flat sealing face half way down the inside of the valve body and the O-Ring sealing face immediately above it.
7. Remove the old O-Rings. Then lightly grease the O-Rings with the Grease Packet provided, and re-fit the O-Rings onto the internals.
8. Assemble in the reverse order, paying particular attention to the orientation of the Spring. The wide opening should be at the bottom (outlet) of the valve. (Cone shaped, wide opening at the bottom). (See Fig. 3)
9. When re-fitting the brass Cap do not over tighten, as this is an O-Ring seal.



Valve Re-Fitting & Temperature Adjustment: (For Model 5000-1)

1. Prior to setting the valve temperature, the valve should be exercised three times by turning the hot and cold supplies off in turn forcing the piston to move from full hot to full cold.
2. Set the outlet temperature of the valve to the required setting with just the Knob attached (leave the Locking Ring off at present). Both hot and cold supplies should be turned fully on. (Note: counter clockwise to increase the temperature and clockwise to decrease).
3. When the temperature is set, exercise the valve again as in step 1.
4. Check that the outlet temperature has not moved by more than 3°F. If either fail safe function does not work, check that the supply pressures under flow conditions are within the range specified for the valve. If the supply pressures are too far out of balance a pressure reducing valve will have to be used on the higher pressure supply.
5. If the temperature has changed repeat steps 1 to 4.
6. When you are satisfied remove the Knob, re-fit the Locking Ring, and place the Knob back on, locating the tab on the inner face of the Knob into the retainer in the Locking Ring to lock in temperature setting. Secure the Knob with the Screw.

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