Honeywell

394074 OPERATOR-REGULATOR REPLACEMENT COVER PLATE ASSEMBLY

APPLICATION

The operator-regulator replacement cover plate assembly is used to provide a gas tight seal in V800 applications in which the V800 pressure regulator and automatic valve operator are not required.

The assembly includes 2 gaskets, 1 pressure regulator adapter casting, 1 pressure regulator cover plate, and 10 screws (4 short mounting screws are for use on V800 standard capacity models, 4 long screws are for V800 high capacity models, and 2 small screws mount the pressure regulator cover plate).

INSTALLATION

CAUTION

1. Installer must be a trained, experienced serviceman.
2. Turn off gas supply before starting installation. Conduct a Gas Leak Test after completion.
3. Always conduct a thorough checkout when installation is complete.

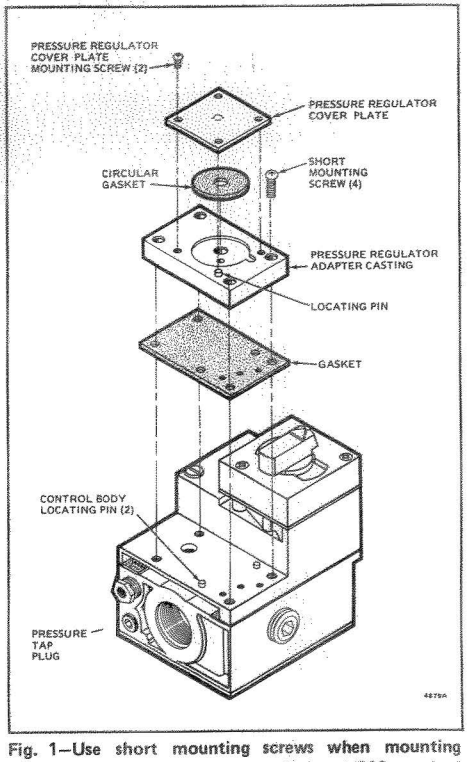

Fig. 1—Use short mounting screws when mounting operator-regulator cover plate on V800 standard capacity control.

1. Remove and discard original automatic valve operator and pressure regulator by removing the 4 operator mounting screws.

2. Inspect the gasket area on the control body (also gas ports), and remove any foreign material.

3. Carefully place the rectangular gasket and casting on the control body so that the locating pins mate with the gasket and casting. Insert the 4 mounting screws provided. Use the 4 short mounting screws on V800 standard capacity controls. Use the 4 long screws on V800 high capacity controls.

4. Place the circular gasket in the recessed opening of the casting. Mount the cover plate with the dimple up, positioning it so the locating pin fits into one hole of the cover plate. Fasten evenly and securely with 2 regulator plate screws provided.

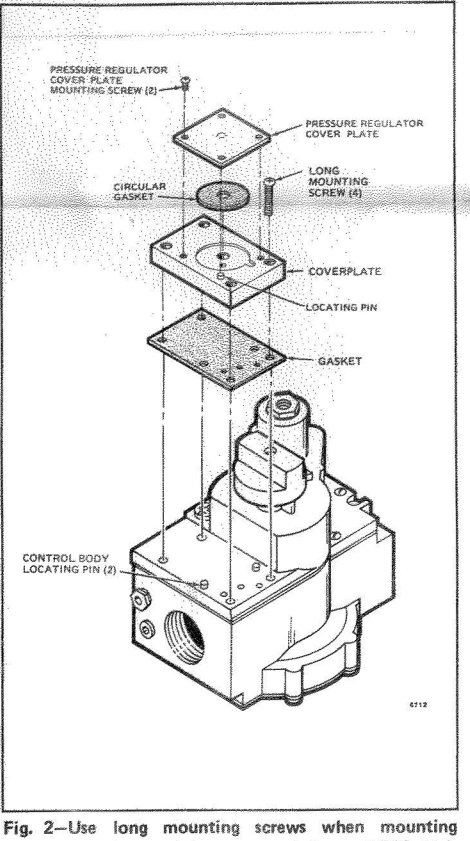

Fig. 2—Use long mounting screws when mounting operator-regulator cover plate on V800 high capacity control.

CHECKOUT

Wait 5 minutes for unburned gas to vent. *Remember LP gas does not vent upward naturally*. Turn on the gas supply. Turn the Lite-Rite knob to PILOT, depress and light the pilot burner. The knob must be held down for about 1 minute before the pilot burner will stay lit after releasing the knob. Turn the knob to ON to place the system into operation. Complete a gas leak test.

GAS LEAK TEST

WARNING

DO NOT OMIT THIS TEST

With main burner in operation, paint operator-regulator assembly with rich soap and water solution. Bubbles indicate gas leakage. To stop leak, tighten screws. If leakage continues, replace gasket.

CHECK GAS INPUT AND BURNER IGNITION

IMPORTANT

Do not exceed input rating stamped on nameplate of appliance, or manufacturer's recommended burner orifice pressure for size orifice(s) used. Make certain primary air supply to main burner is properly adjusted for complete combustion. Follow instructions of appliance manufacturer.

NOTE: IF METER CLOCKING METHOD IS USED— Make certain there is no gas flow through the meter other than to the appliance being checked. Other appliances must remain off, and the pilot extinguished (or their consumption deducted from the meter reading).

CAUTION

IF USING MANIFOLD PRESSURE METHOD

Be sure gas cock is in PILOT position before removing pressure tap plug to connect pressure gauge (manometer). Also turn gas cock back to PILOT when removing gauge and replacing plug. Repeat gas leak test at plug (main burner must be operating).

Place system in operation and observe through at least 1 complete cycle to be sure it operates as intended.

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