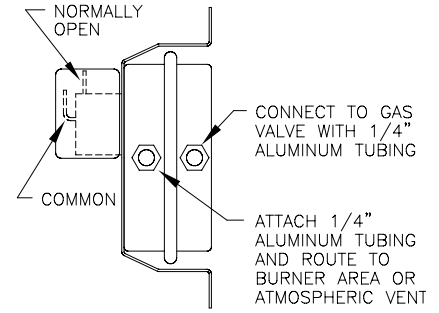




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Discontinued Old-Style Switch



IMPORTANT: This gas pressure switch is an updated version with only **one** 1/4" aluminum tubing connection to the pressure tap port of gas valve. The atmospheric vent connection is no longer required, as on the Old-Style Switch. Disregard the "Gas Pressure Switch" installation section of your VP-2/3, WHK-2, WHKE instruction manual if the old style switch is referenced, (See Discontinued Old-Style Switch Diagram). If you are replacing an Old-Style gas pressure switch with the new style gas pressure switch follow the instructions below. The new style switch is compatible with any previous Old-Style Switch installations.

- | | |
|--|---|
| Qty (1) gas pressure switch | Qty (1) 1/8-NPT pipe plug |
| Qty (1) 1/8-NPT black pipe tee | Qty (2) brass 1/8-NPT male x 1/4" compression fitting (Only (1) included in 950-2080 kit) |
| Qty (2) #10 x 1/2" self-tapping screws | Qty (1) section of 1/4" outside diam. aluminum tubing (Not included in 950-2080 kit) |

NEW STYLE GAS PRESSURE SWITCH INSTALLATION

The gas pressure switch is mounted on the casing of the water heater adjacent to the heater's thermostat/gas control valve. It should be mounted close enough so that the supplied 1/4" tubing will reach from the gas pressure switch fitting to the thermostat/gas valve pressure tap port. The two provided screws are self-tapping and drilling. The screws do not require the use of a drill and their 1/2" length assures that the inner tank will not be penetrated.

1. Mount the gas pressure switch by securing it to the heater casing with a screw in each of the two mounting holes.
IMPORTANT: Mount gas pressure switch so that diaphragm is in a VERTICAL position, (See New Switch Diagram).
2. Install the supplied 1/8"-NPT pipe plug to the 90° port of the supplied 1/8-NPT black pipe tee, (See New Switch Diagram). Use thread sealant, do not over tighten.
3. Install the 1/8-NPT black pipe tee to the gas pressure switch, (See New Switch Diagram). Use thread sealant, do not over tighten. **CAUTION:** Utilize the hex nut on the gas pressure switch when attaching the black pipe tee.
4. Install the supplied Brass 1/8-NPT male x 1/4" compression fitting to the 1/8-NPT black pipe tee, (See New Switch Diagram). Use thread sealant, do not over tighten.
5. Remove the PRESSURE TAP plug from the underside of the thermostat/gas control valve and install the supplied Brass 1/8-NPT male x 1/4" compression fitting, (See New Switch Diagram). Use thread sealant, do not over tighten.
IMPORTANT: DO NOT alter the heater's PILOT GAS LINE, (See New Switch Diagram).
6. Using a tube cutter, cut the appropriate length of the supplied 1/4" tubing to reach from the gas pressure switch fitting to the PRESSURE TAP PORT fitting of the thermostat/gas control valve. Make sure each end of the tubing is not pinched closed.
7. Use the 1/4" tubing to connect gas pressure switch fitting to the PRESSURE TAP PORT fitting on the thermostat/gas control valve.
8. Conduct a gas leakage test of all connections as outlined in the latest edition of NFPA 54, ANSI Z223.1, part 4. or local codes.

NOTE: A "gauge port" can be accessed by removing the 1/8-NPT pipe plug that is on the 1/8-NPT black pipe tee (attached to the gas pressure switch).

New-Style Gas Pressure Switch Installation

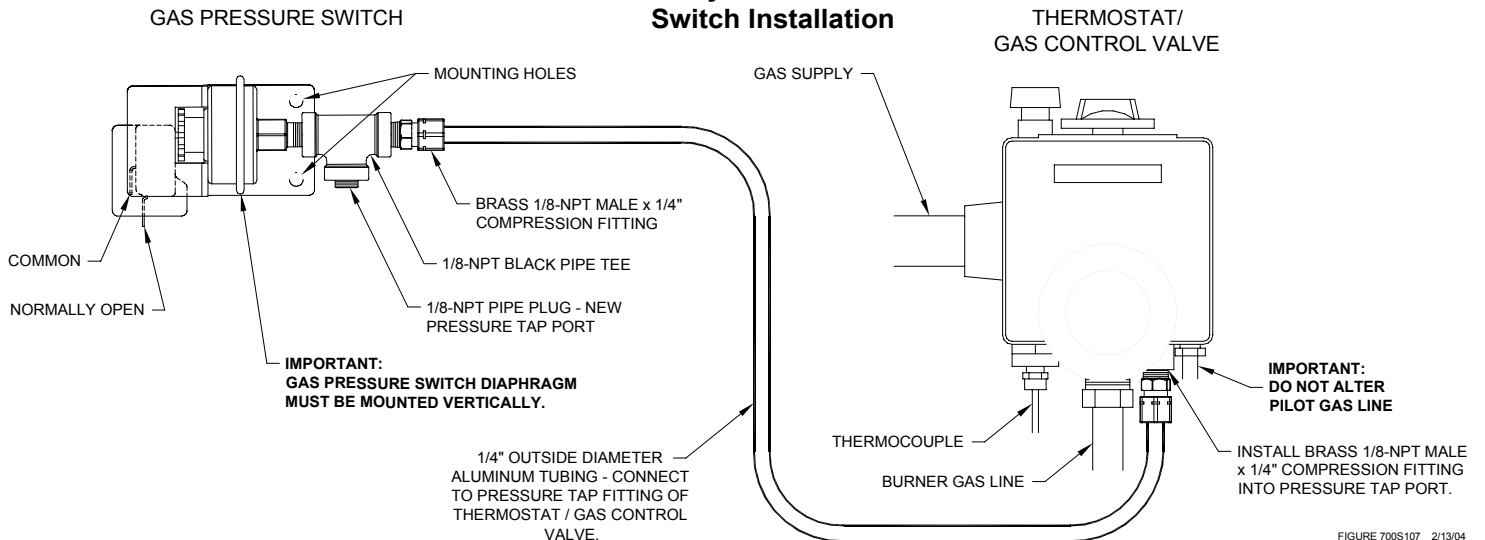


FIGURE 700S107 2/13/04