



# TJERNLUND PRODUCTS, INC.

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## PILOT SAVER (950-2061) INSTRUCTIONS NEW VP-2/3, WHK-2 INSTALLATION

**NOTES:** 4 inches of STRAIGHT VERTICAL Burner line must be available between the gas valve (thermostat) and the burner assembly for proper installation of Pilot Saver kit.

These instructions take the place of the Gas Solenoid Valve mounting instructions in VP-2/3 and WHK-2 manual. The 3/8" to 1/2" adapter fittings in Safety Controls Kit are not required.

### TOOLS REQUIRED

Pipe Cutter  
Adjustable Wrench  
Pipe Thread Sealant

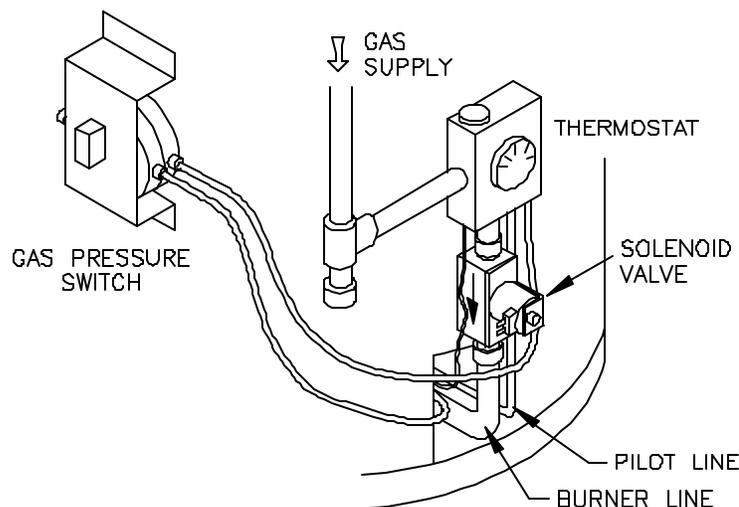
**IMPORTANT:** Shut off gas supply before attempting the following procedure.

- Step 1. Remove the burner line, pilot line and thermocouple from gas valve (thermostat).
- Step 2. Disconnect burner assembly from water heater with burner line still attached.
- Step 3. Remove 3 inches of vertical burner line between flared end and burner assembly. Remove any burrs on burner line tubing.
- Step 4. Apply pipe thread sealant on 3/8" threaded stem on Compression Fittings.
- Step 5. Screw 3/8" threaded stem on Compression Fittings into Solenoid. Tighten Compression Fittings with wrench.
- NOTE:** Indicator Arrow on Solenoid must face the direction of gas flow to burner assembly.
- Step 6. Insert burner line from gas valve (thermostat) into compression side of Compression Fitting. **NOTE:** Before tightening compression fitting on burner line, make sure male end which screws into gas valve is orientated properly and is between compression fitting and flared end of burner tubing. Tighten with wrench.
- Step 7. Insert burner line from burner assembly into compression side of Compression Fitting. Tighten with wrench.
- Step 8. Install burner assembly into water heater.
- Step 9. Reconnect burner line, pilot line, and thermocouple to gas valve (thermostat).

**NOTE:** All gas piping shall be tested and inspected in accordance with NFPA 54, ANSI Z223.1, part 4.

This modification is acceptable per the American Gas Association (AGA) Report No: 916-1A.

### INSTALLATION AFTER PILOT SAVER INSTALLED



# PILOT SAVER (950-2061) INSTRUCTIONS

## EXISTING VP-2/3, WHK-2 INSTALLATION

**NOTES:** 4 inches of STRAIGHT VERTICAL Burner line must be available between the gas valve (thermostat) and the burner assembly for proper installation of Pilot Saver kit.

These instructions take the place of the Gas Solenoid Valve mounting instructions in VP-2/3 and WHK-2 manual. The 3/8" to 1/2" adapter fittings in Safety Controls Kit are not required.

### TOOLS REQUIRED

Pipe Cutter  
Adjustable Wrench  
Pipe Thread Sealant

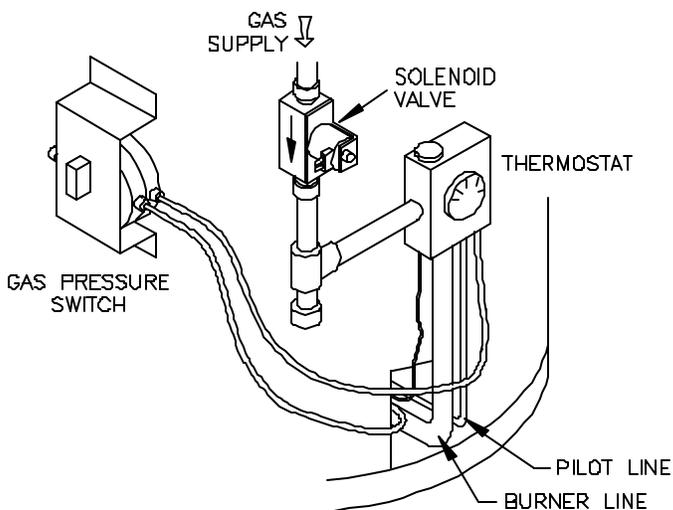
**IMPORTANT:** Shut off gas supply before attempting the following procedure.

- Step 1. Remove the Solenoid from the gas supply piping.
- Step 2. Reconnect gas supply piping to gas valve (thermostat).
- Step 3. Remove the burner line, pilot line and thermocouple from gas valve (thermostat).
- Step 4. Disconnect burner assembly from water heater with burner line still attached.
- Step 5. Remove 3 inches of vertical burner line between flared end and burner assembly. Remove any burrs on burner line tubing.
- Step 6. Apply pipe thread sealant on 3/8" threaded stem on Compression Fittings.
- Step 7. Screw 3/8" threaded stem on Compression Fittings into Solenoid. Tighten Compression Fittings with wrench.
- NOTE:** Indicator Arrow on Solenoid must face the direction of gas flow to burner assembly.
- Step 8. Insert burner line from gas valve (thermostat) into compression side of Compression Fitting. **NOTE:** Before tightening compression fitting on burner line, make sure male end which screws into gas valve is orientated properly and is between compression fitting and flared end of burner tubing. Tighten with wrench.
- Step 9. Insert burner line from burner assembly into compression side of Compression Fitting. Tighten with wrench.
- Step 10. Install burner assembly into water heater.
- Step 11. Reconnect burner line, pilot line and thermocouple to gas valve (thermostat).

**NOTE:** All gas piping shall be tested and inspected in accordance with NFPA 54, ANSI Z2231.1, part 4.

This modification is acceptable per the American Gas Association (AGA) Report No: 916-1A.

PREVIOUS INSTALLATION WITHOUT PILOT SAVER



INSTALLATION AFTER PILOT SAVER INSTALLED

