

**INSTALLATION INSTRUCTIONS**  
**30 MILLIVOLT OUTPUT THERMOCOUPLE KIT**

**REMOVING THE DEFECTIVE THERMOCOUPLE:**

1. Turn knob on top of gas control valve to "OFF" position.
2. Turn off main gas valve closest to heater for added safety.
3. Allow burner assembly to cool to room temperature.
4. Remove outer and inner heater doors.
5. Locate thermocouple and remove from burner assembly. To remove the thermocouple, you will have to apply slow pressure while working the spring clip out.
6. Use an open-end wrench and remove the opposite end of thermocouple from the gas control valve.

**INSTALLING THE NEW THERMOCOUPLE:**

1. Compare the removed thermocouple to the new replacement to determine if they are the same.
2. Tighten the threaded fitting end into the gas control valve. Be sure you do not over tighten.
3. Open the main gas valve. If you drained the water from heater, be certain to refill before lighting water heater.
4. Follow lighting instructions found on your water heater.
5. Reinstall inner and outer heater doors.
  - Be sure thermocouple is fastened securely to pilot burner.
  - Make sure the thermocouple tip is surrounded by the pilot flame.
  - Do not over tighten thermocouple nut to control. Tighten only 1/4 turn beyond finger tight. Do not use pipe joint compound on this connection.

**CONTENTS: 30 Millivolt Output Thermocouple**