



Replacing the Thermocouple in a P9000/P12000

1. Remove the brass knob on the gas control by loosening with 5/64th Allan key
2. Undo the brass nut around the gas knob with a 13/16th wrench.
3. Remove the 8 (P12000 – 12) screws from the sides of the unit
4. Remove the bottom and top panels.
5. Remove the shroud from the main unit. Door must be unlatched to accomplish this. You may have to detach the fan wire from the speed control.
6. Unscrew the 2 sheet metal screws holding the thermocouple bracket into the unit – located just below the door
7. Undo the thermocouple from the bottom of the gas valve. Use an 8mm wrench.
8. Place the new thermocouple and bracket into the hole and screw back in with 2 sheet metal screws. Ensure that the tip of the probe is in the cut out in the burner.
9. Bend the thermocouple over to the bottom of the gas valve and screw in tight. Make sure not to kink the thermocouple line.
10. Reattach the shroud to the unit following steps 1 through 5 in reverse order

****NOTE****

The older model heaters do not have the hole required for the thermocouple to be placed in with the bracket. In this case remove the bracket on the thermocouple and follow the following steps

- 5a) Undo the top baffle inside the firebox with a 5/16th socket
- 5b) Undo the mid plate inside the firebox by unscrewing the 4 screws (2on either side)
- 5c) Undo the burner cover by unscrewing the 2 screws holding it in and the 2 nuts underneath the lip in the front and remove.
- 5d) Undo the nut holding the thermocouple on the inside of the unit and remove from the unit.

5e) Place the new thermocouple into hole and thread nut over on inside of the heater and tighten with a 7/16ths wrench.

Go to step 9 above