

THERMOCOUPLE REPLACEMENT

1. DISCONNECT POWER SUPPLY

2. Before removing the old thermocouple check distance from thermocouple to heater (should be 3/4 to 1/2 an inch away from heater). Make a npte of this distance as it is important that you position the new thermocouple as close as possiable to the original position of the old thermocouple to retain temperature calibration.

3. When removing thermocouple unscrew the top sheet metal panel directly over the area where the guide tube is that goes up the side wall of the oven, to gain access to the tube. pull the old thermocouple out of the tube. Then reinsert the new thermocouple back down inside the tube until it comes out inside the oven. Now tie the loose end of the new thermocouple wire on to the end of the old thermocouple wire and pull old thermocouple out through control box until the new thermocouple is visable inside control box.

4. When reconnecting thermocouple to temperature control unit make sure the lead with the red insulation connects to the negative terminal on the temperature control unit and the lead with the white insulation connects to positive terminal on the temperature control unit. Set thermocouple the same distance from heater as the original.

5. Reconnect power supply and bring oven up to temperature and test. Adjust thermocouple position as needed for correct calibration. Closer to the heater to decrease temperature (as measured on the belt), further from heater to increase temperature(as measured on the belt).