

# Thermocouple Replacement

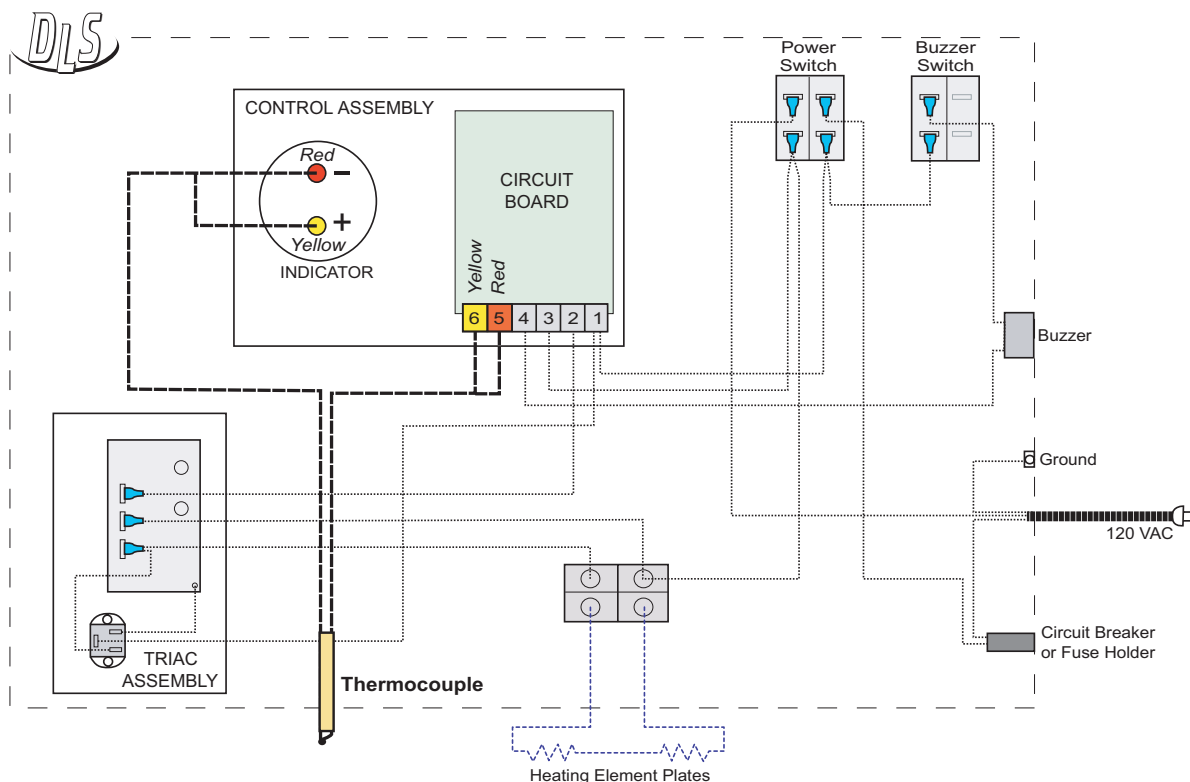
*Procedure to replace the Double Thermocouple in model 500S*

WARRANTY: 6 MONTHS IF INSTALLED BY DLS TECHNICIAN OR SELF-INSTALLED.

**Note: WARRANTY IS VOID IF THE THERMOCOUPLE IS NOT INSTALLED CORRECTLY.**

1. Unplug the oven and empty the oven of all rings, debris and porcelain trays.
2. Wait for oven to cool down and then turn the oven upside down carefully and remove the bottom panel (6 screws).
3. On the control board, loosen the screws to remove thermocouple (see diagram below).  
*(If you have a jumper from the indicator to the board, discard it.)*
4. Turn the oven upright and remove the top oven cover (6 side screws).
5. Remove the old thermocouple and replace with new thermocouple.
6. Insert thermocouple making sure that **approximately 1" of the thermocouple tip sticks into the chamber.**
7. Bend thermocouple wire down the back of the oven and have the wires entering the black chassis area underneath.
8. Replace top cover with side screws and then turn oven upside down.
9. Bend the thermocouple wire around the inside of the oven to keep it away from the element wires.  
**(Caution: Make sure nothing is touching or near the element wires - they get hot!)**
10. Attach one set of the thermocouple wires to the indicator and the other set to the control board.  
Make sure you observe polarity. The red wire is negative. *(Red is the second connection from the end - #5.)*
11. Replace the bottom cover with the six screws. Your oven is now ready to operate.

**\*NOTE: If oven is left off for more than a few days, it is best to cure oven in at 400° Fahrenheit for 1 hour.**



The DLS Corporation shall not be liable for any damage or injury due to repair or installation of parts by non-DLS personnel. For questions or comments, please contact your dealer or DLS Corporation at 1-800-514-7063. Revised 9-23-05.



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