



REPLACEMENT INSTRUCTIONS:  
**JELRUS**

FOR ASSISTANCE CALL 1-800-626-5651 OR WRITE TO: [tops@whipmix.com](mailto:tops@whipmix.com)

## CAUTION!

TO PREVENT INJURY, ALWAYS TURN POWER OFF AND DISCONNECT THE OVEN'S POWER CORD BEFORE PERFORMING SERVICE. VERIFY THAT UNIT IS COOL TO THE TOUCH.

The following instructions refer to both old style and new style Jelrus ovens.

### Old Style Jelrus Oven



### New Style Jelrus Oven

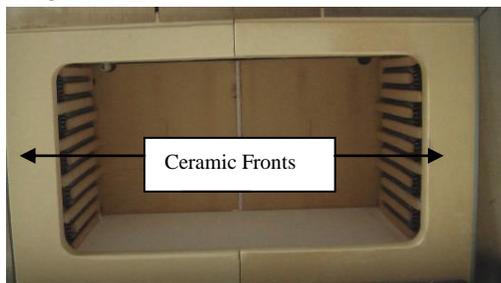


- Page 2-4 Heater plate replacement both styles.
- Page 5 Heater wire replacement old style.
- Page 6 Heater wire replacement new style.

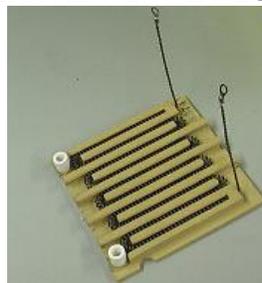
## Heater plate replacement Old & New Style

1. Turn off the power to the oven, unplug the power cord, remove trays from the muffle chamber and ensure that the oven is cool the remove the upper back cover.
2. Remove all hardware and wires from the terminals. Discard any burnt hardware and replace with hardware pieces shipped with the heater plates. Retain hardware for later use. Straighten the wires to remove the plates.
3. Straighten thermocouple at the bend and remove bushings from heater plate wires.
4. Position oven on its side and remove bottom cover new style if old style remove lower back cover.
5. Pull thermocouple and heater wires through lower unit. Remove grommets from upper housing.
6. Position heater wires and thermocouple out of the way and flip oven into the upright position.
7. From the front push the entire insulation chamber out the back of unit and place on a table.
8. Remove ceramic front plates from muffle insulation and place aside.

FRONT VIEW



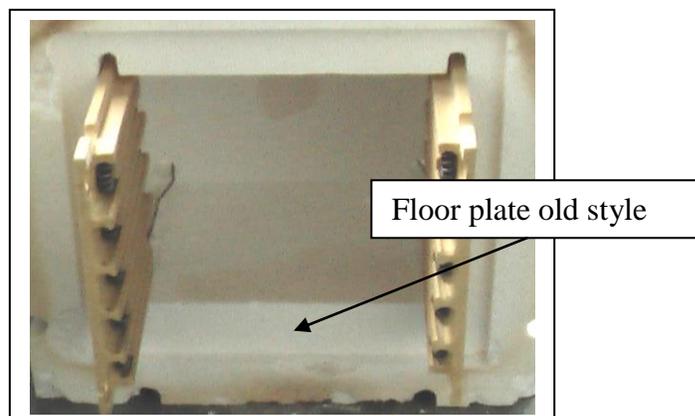
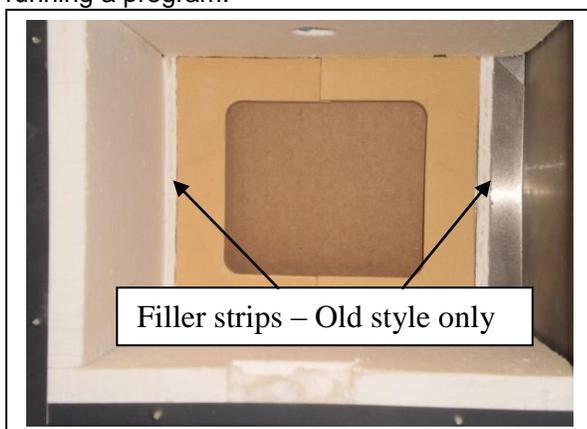
REAR HEATER PLATES

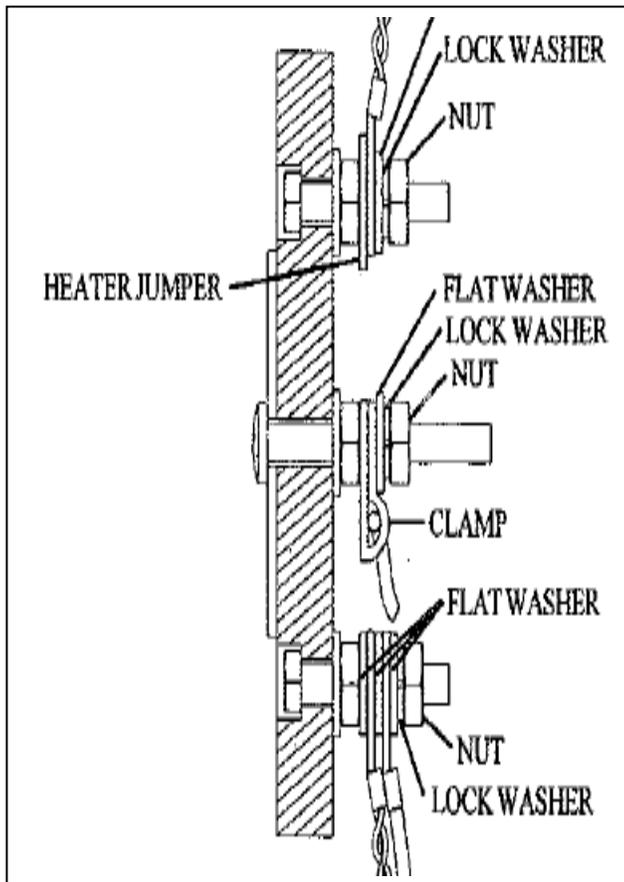


SIDE HEATER PLATES



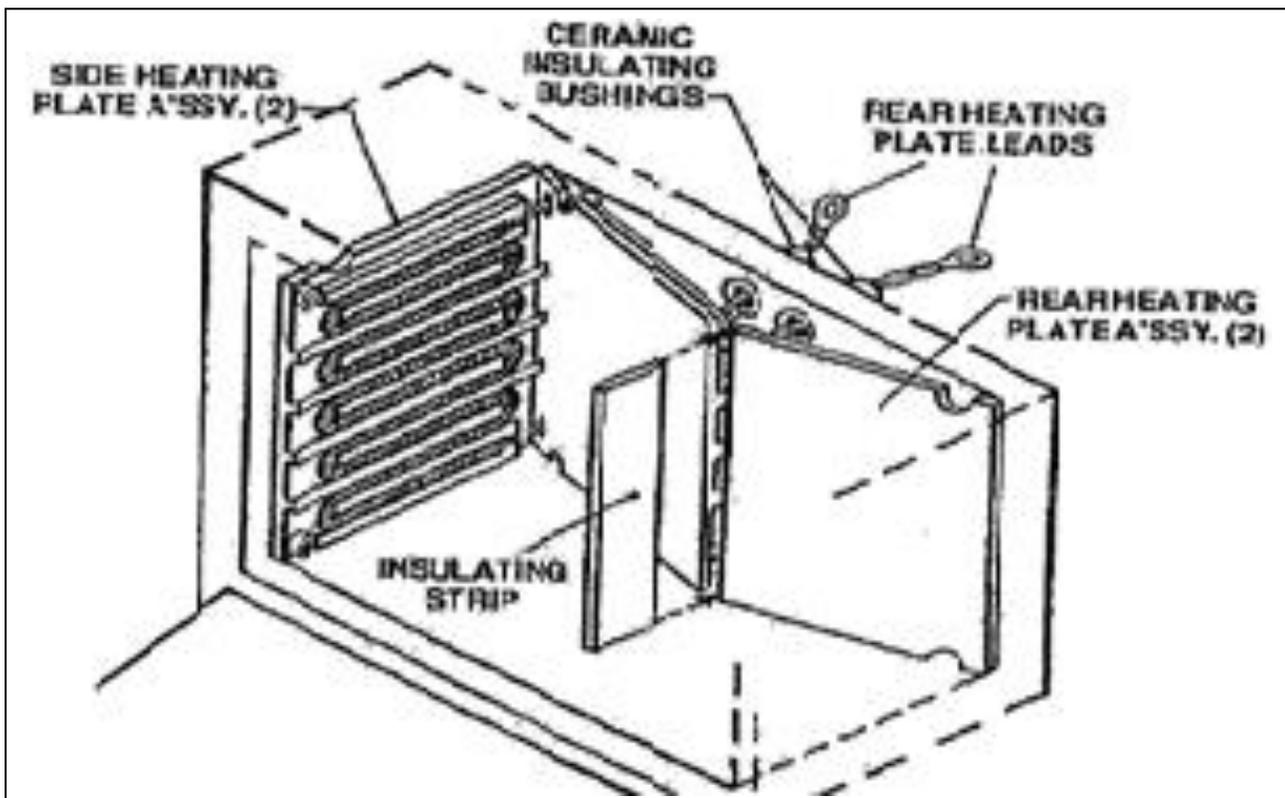
9. From here the plates can be removed by pulling them out the front of the insulation. The Large models have back plates and side plates, while the Medium model has only side plates.
10. Place the new plates in the chamber, if back plates are being replaced as well they must be installed first, also ensure that the wires are bent up so they will slide into the back. See picture below:
11. If the back plates are being replaced the filler strip should be replaced as well. A new strip was shipped with the plates.
12. Once the plates are installed place the insulation chamber back inside the oven and wire the terminals according to the model and voltage in the pictures on the last page.
13. When wiring the plates ensure that between each wire a flat washer is placed and after all wires are on the terminal place a lock washer with a nut. See picture below.
14. After the heater plates are wired, replace the upper back cover and bottom cover. Ensure that the oven heats by running a program.



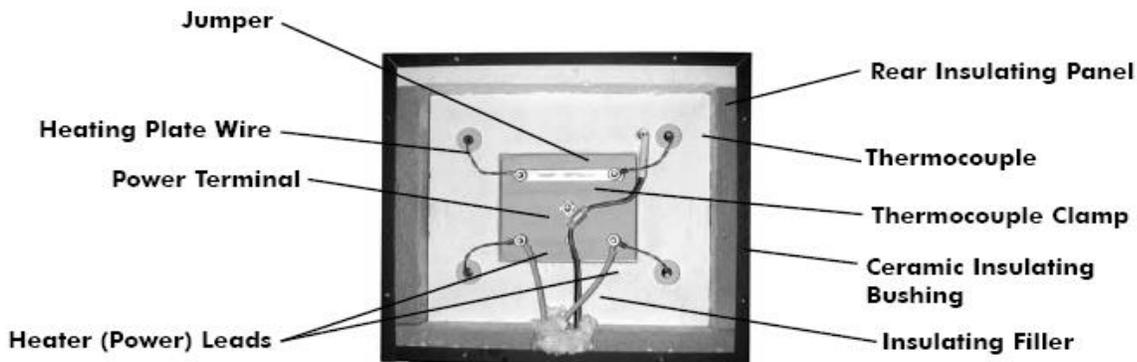


Note: Ensure flat washers are on both sides of heater terminals and connection is very tight.

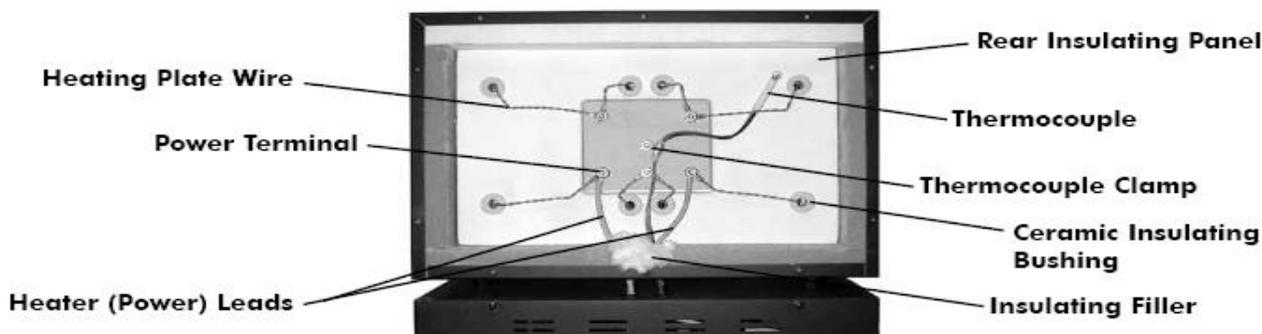
Large oven with rear heating plates.



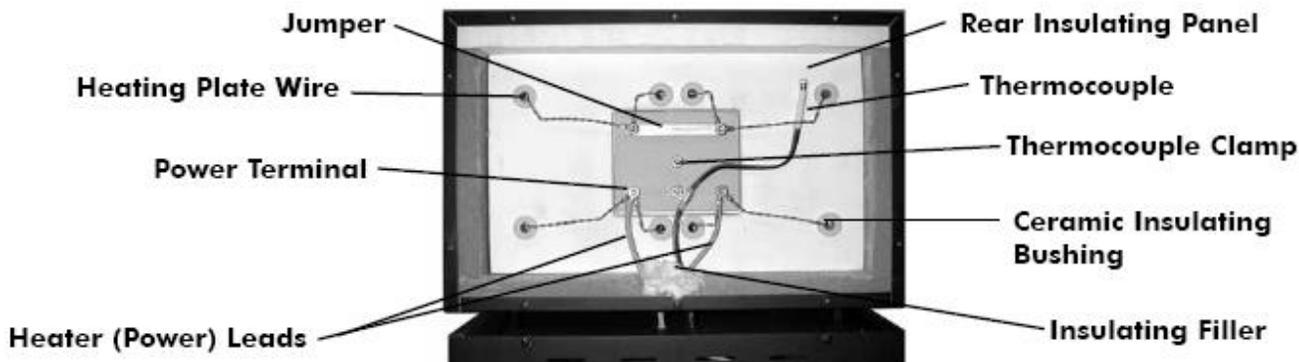
# WIRING DIAGRAMS FOR ALL MODELS



**ALL MEDIUM UNITS 115V/230V**



**ALL LARGE 230V**

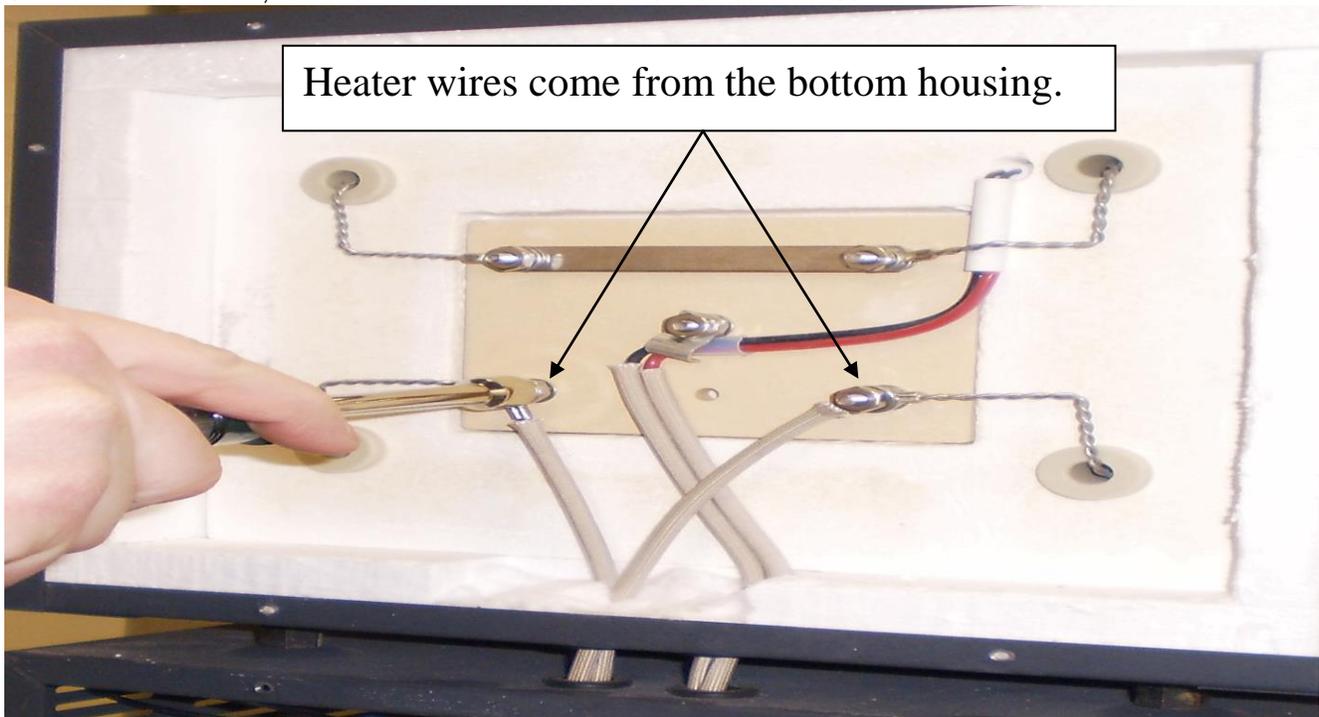


**ALL LARGE 115V**

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 WHIP MIX CORPORATION PO BOX 17183 LOUISVILLE, KY 40217  
[www.whipmix.com](http://www.whipmix.com)

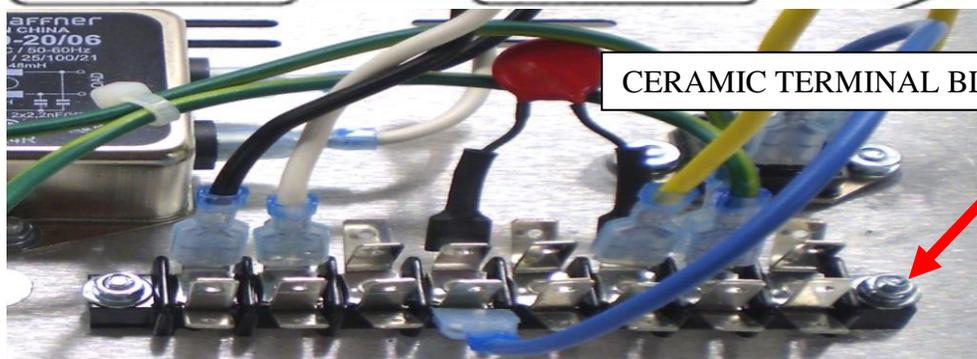
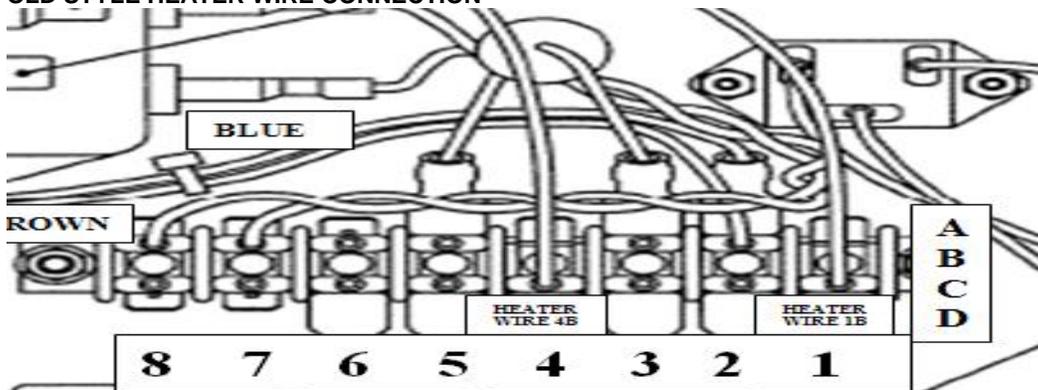
## Heater wire replacement Old Style

1. Turn off the power to the oven, unplug the power cord, remove trays from the muffle chamber and ensure that the oven is cool then remove the screws from upper and lower back covers.
2. On the rear of the unit, remove the bottom nuts that hold the heater wires.



3. Slide old heater wires down through the upper housing into the lower housings.
4. Note the placement of the heater connections on the terminal block. Plug new heater wires onto position 1B & 4B.

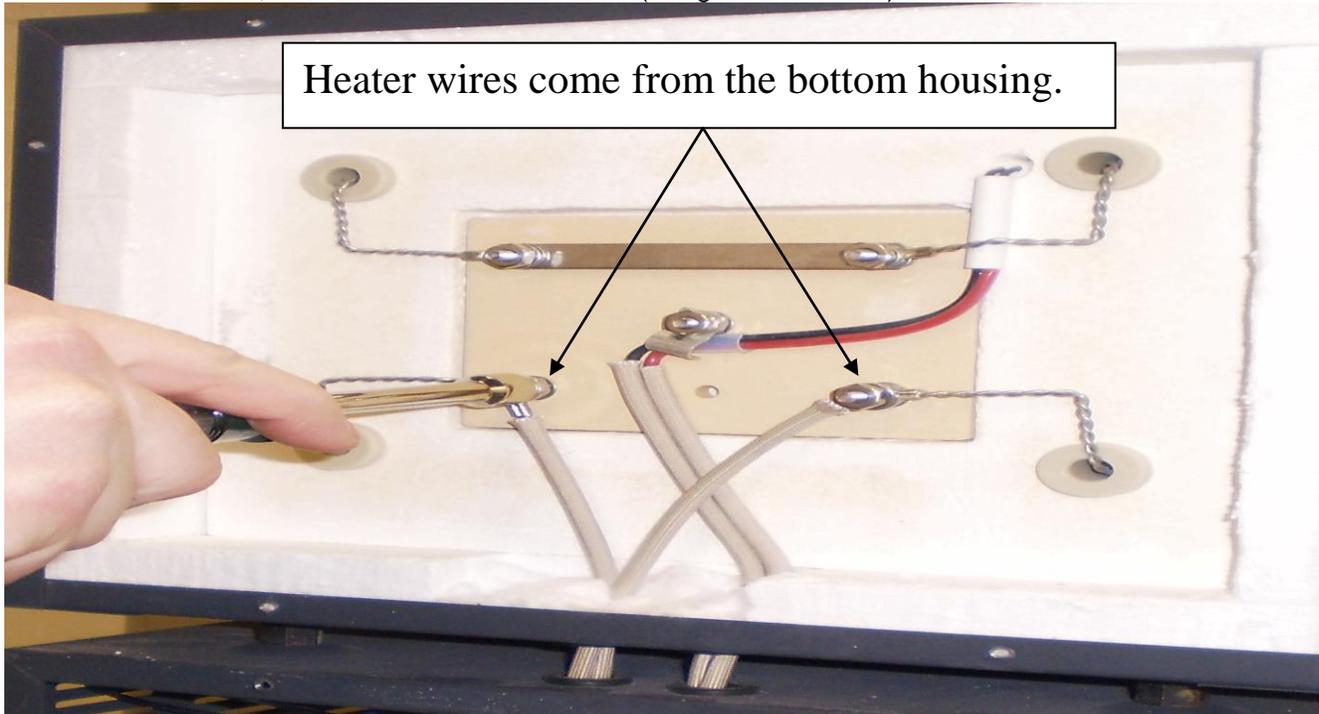
### OLD STYLE HEATER WIRE CONNECTION



## Heater wire replacement

## New Style

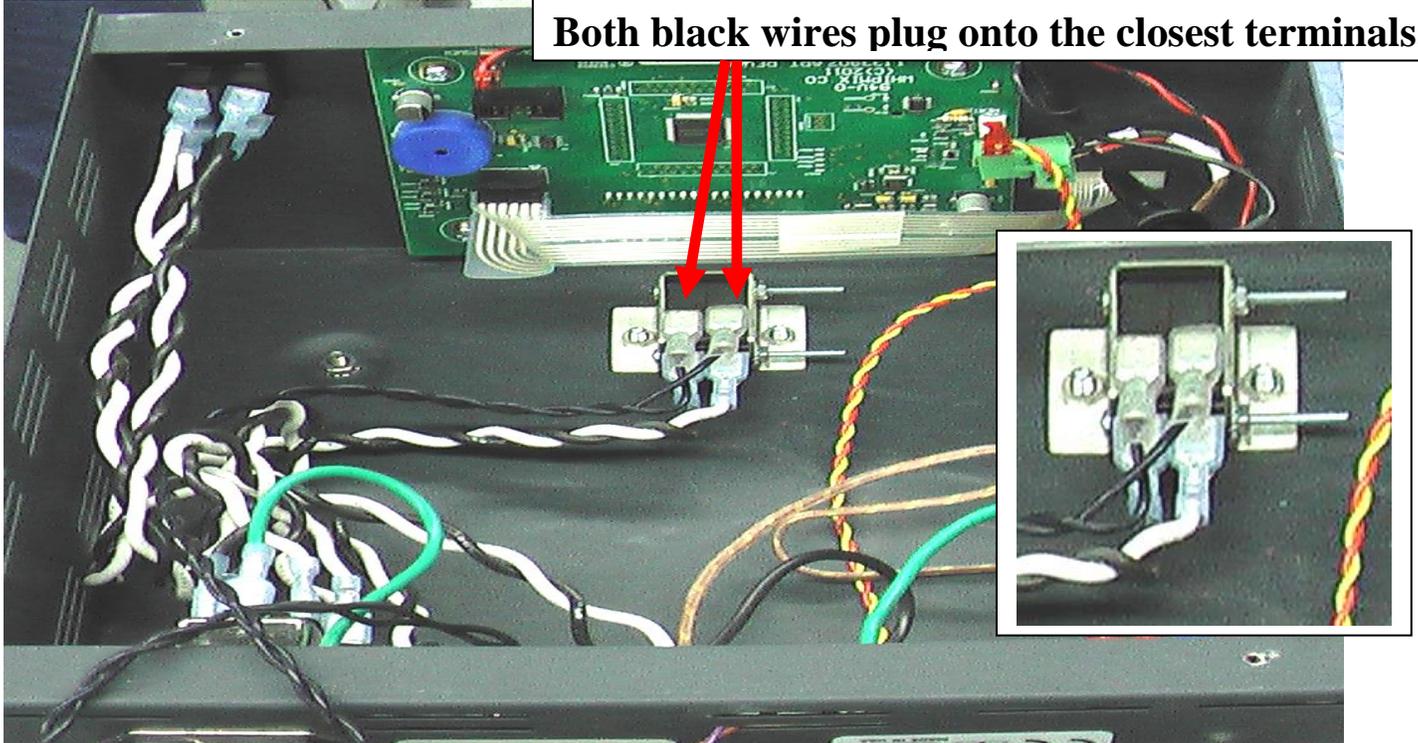
1. Turn off the power to the oven, unplug the power cord, remove trays from the muffle chamber and ensure that the oven is cool then remove the screws from upper and lower back covers.
2. On the rear of the unit, remove ONLY the bottom nuts (using 11/32" wrench) that hold the heater wires.



3. Slide old heater wires down through the upper housing into the lower housings.
4. Note the placement of the heater connections on the terminal block.

### NEW STYLE HEATER WIRE CONNECTION

**Note: Heater wires connect to door switch.  
Both black wires plug onto the closest terminals.**



**Revision History**

<b>Date Implemented</b>	<b>Revision Description</b>	<b>PIR, DCR, OR CAR # IF APPLICABLE</b>
11/29/16	On page six, #2 the wrench size needs to be changed to 11/32"	DCR MD16-0156
04/11/13	1. Eliminate IPL00077 and replace with modified IPL00075 instructions. 2. Replace IPL00077 with IPL00075 on the following BOM's 33130 & 339750 & 33980 & 33981.	DCR MD13-0060
10/04/12	Changed instructions	DCR MD11-1276
04/14/11	Changed instructions	DCR MD11-1138
03/16/11	New	DCR MD11-1138