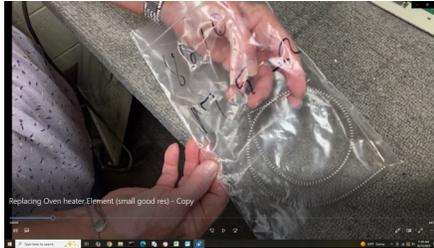


Oven Heater Element Replacement Oct 2025

Remove columns and stainless steel mesh from bottom of column oven. Then carefully remove broken heater element. You will also have to disconnect it from the terminal block inside the GC. (see next page) The new heater element will be pre-coiled to the correct length. Don't stretch it or it won't fit properly.



Feed one of the straight wires down the left-most down ceramic tube at the rear of the oven.

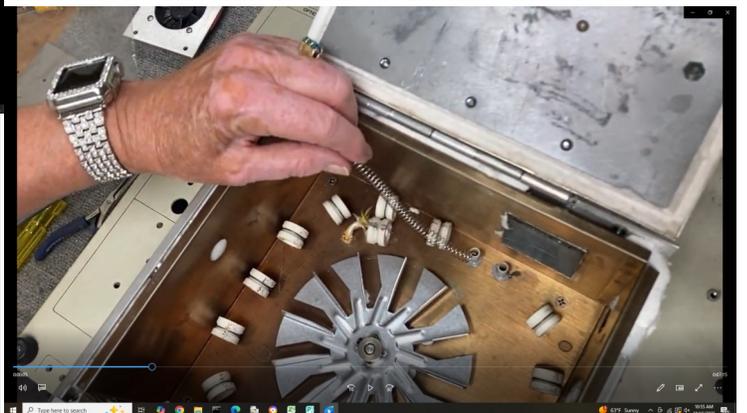
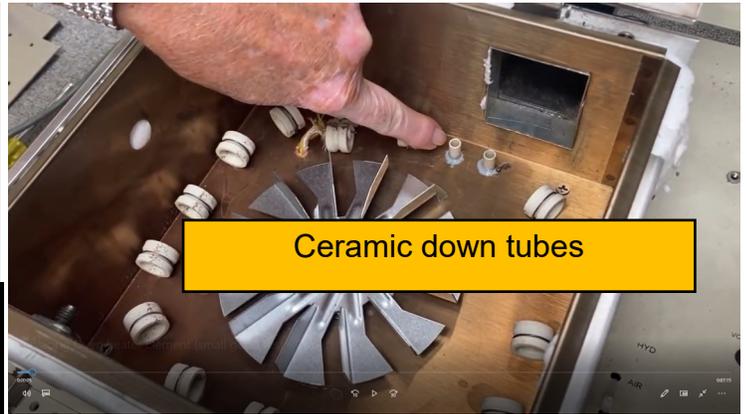
Then carefully/patiently massage the coiled nichrome wire heating element through the white ceramic doughnuts without kinking or stretching the coil.

You have to work the nichrome coil thru the doughnuts a little at a time

The hardest part is working the last straight wire down thru the other ceramic down tube.

Gently curve the straight wire at first to get it into the ceramic down tube then gradually wiggle it down the tube until the nichrome coil is almost touching the down tube.

Make sure the nichrome coil is not touching any metal surface like the bottom of the oven.



SRI Tech Support:
310-214-5092 www.srigc.com

Oven Heater Element Replacement Oct 2025

The straight wire part of the new heater element was fed down the ceramic tubes from the oven above and comes out of the ceramic tubes inside the GC.

Slide the tan colored “Varglass” fiberglass sleeves over the wires to insulate them from touching anything inside the GC.

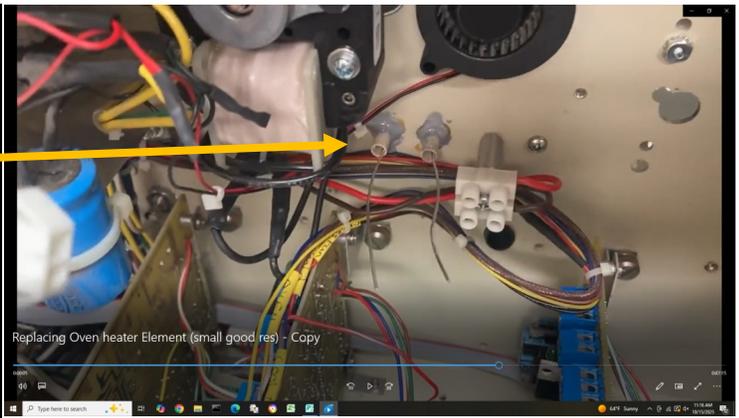
Leave about 1/2 inch of bare wire at the very end. The Varglass slides loosely over the wires

Connect the wires to the white terminal block using the SRI size flat blade screwdriver. It does not matter which wire is connected to which terminal.

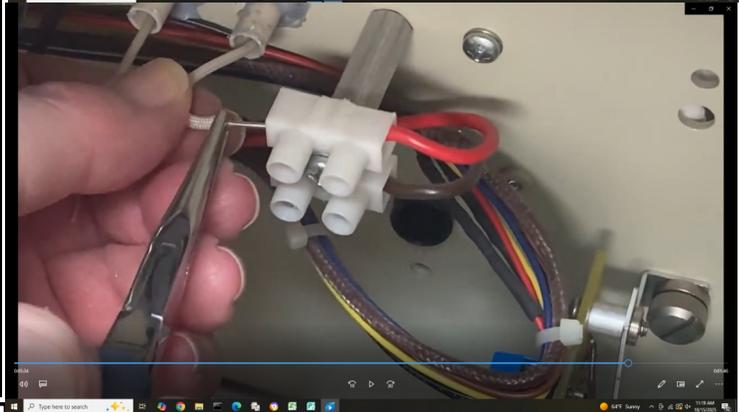
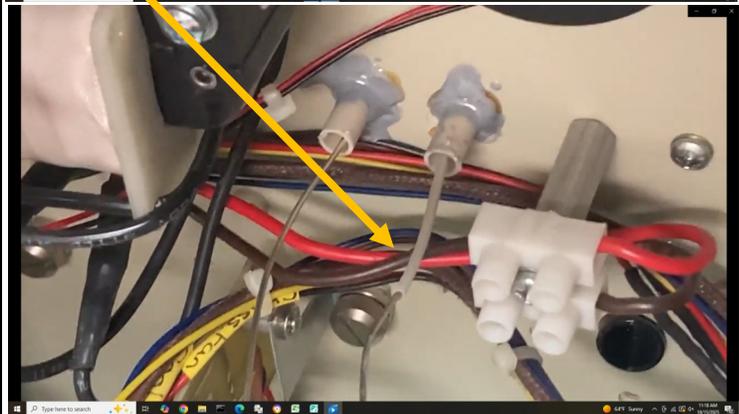
Tug on the wires to make sure they are securely attached.

Recheck the position of the nichrome coil in the oven since the process of connecting the straight wires may move the nichrome coil in the oven above.

When re-inserting the metal mesh in the oven, re-check to make sure the nichrome coil has not moved and is not touching the metal mesh either.



Varglass sleeves



SRI Tech Support:
310-214-5092 www.srigc.com