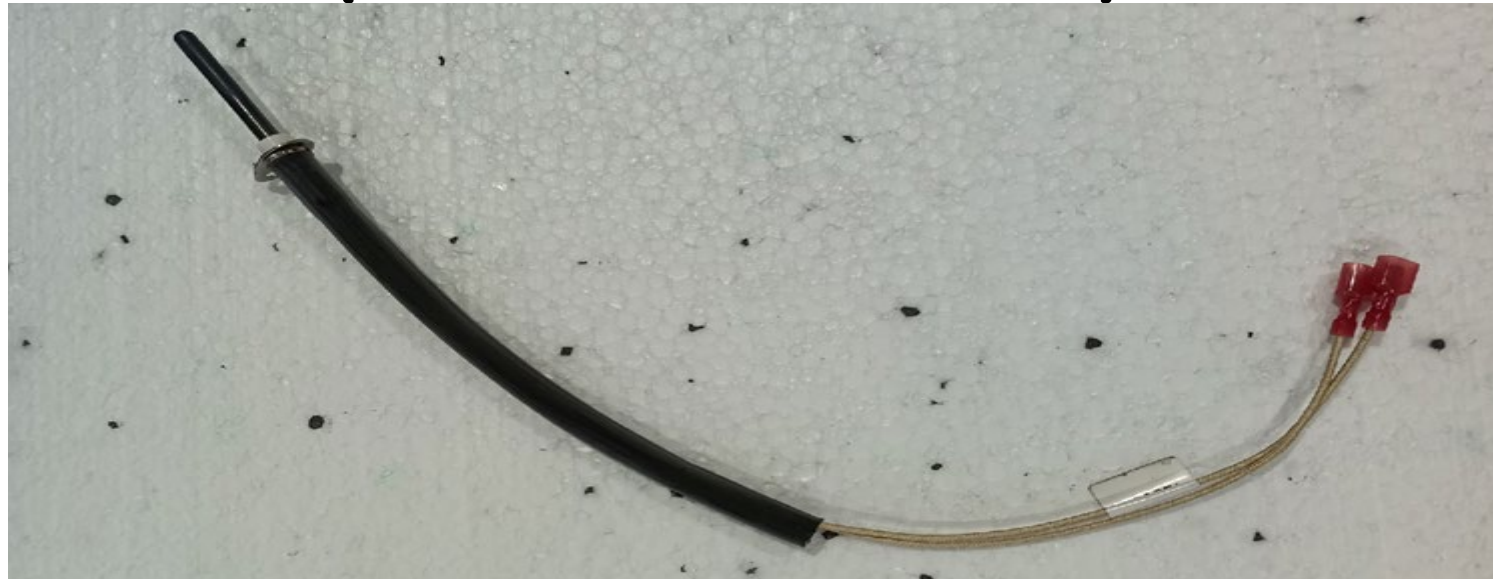


How to replace hot surface igniter (VOL11-0036-A)



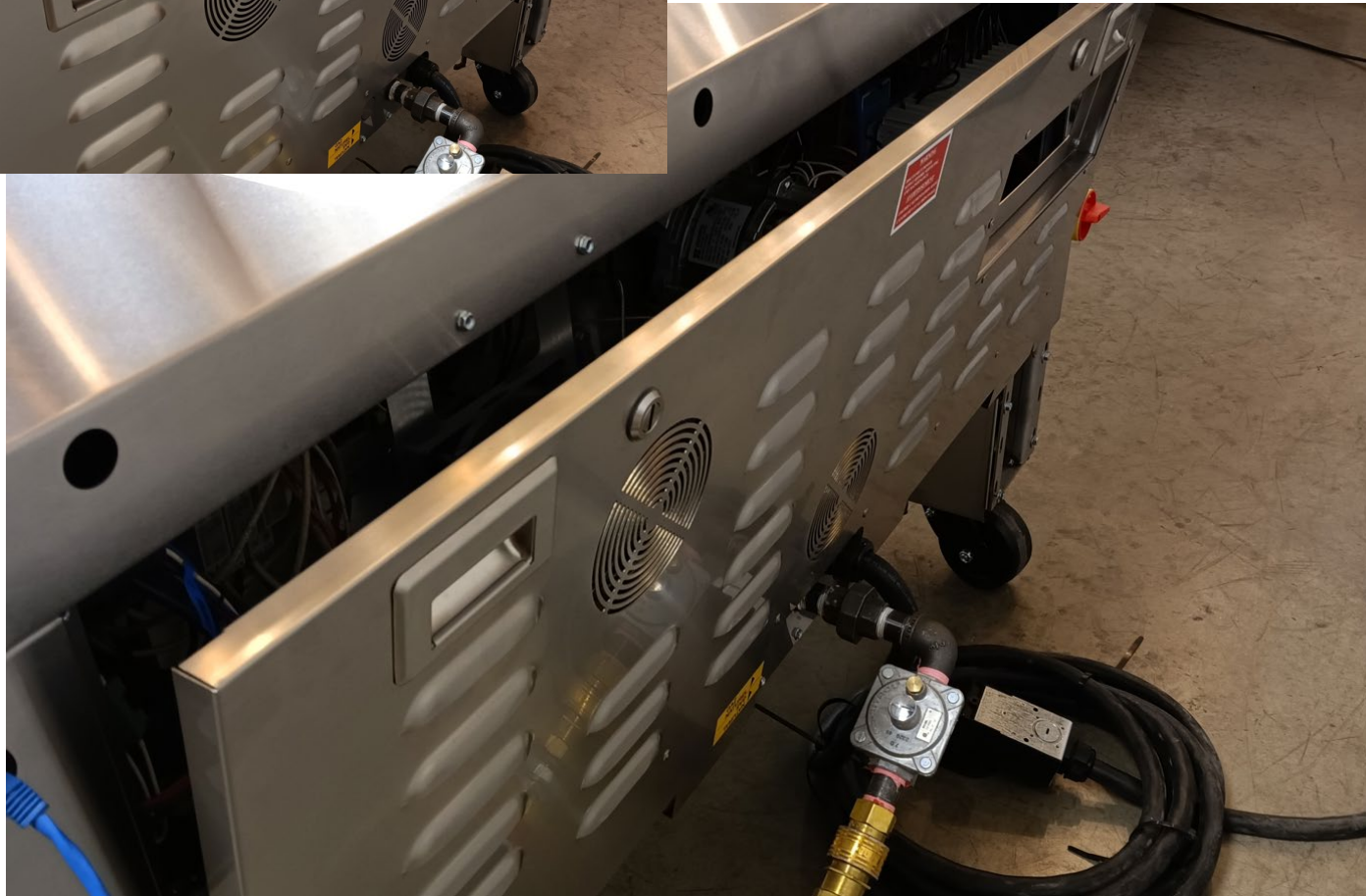
Step 1

Shutoff main power switch and disconnect plug from the wall.



Step 2

Remove rear panel

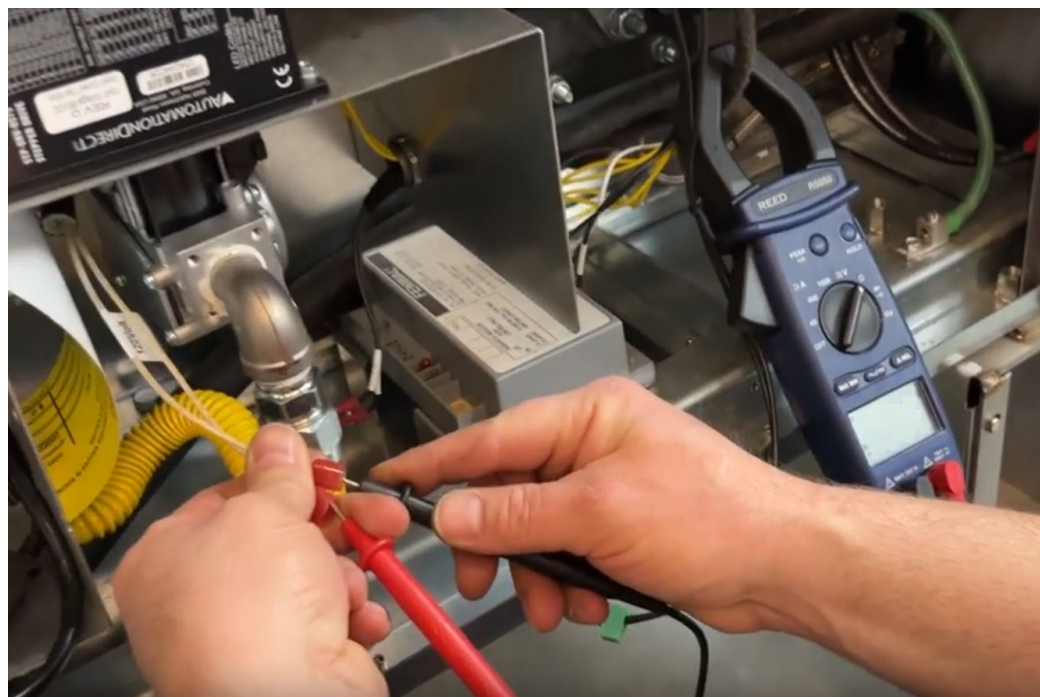
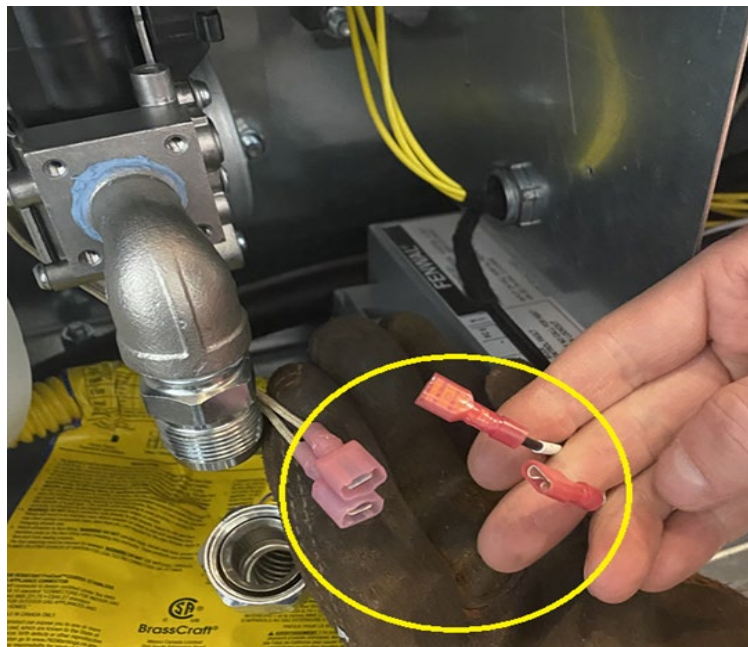


Step 3

Verify if the Hot Surface igniter & flame sensing is defect

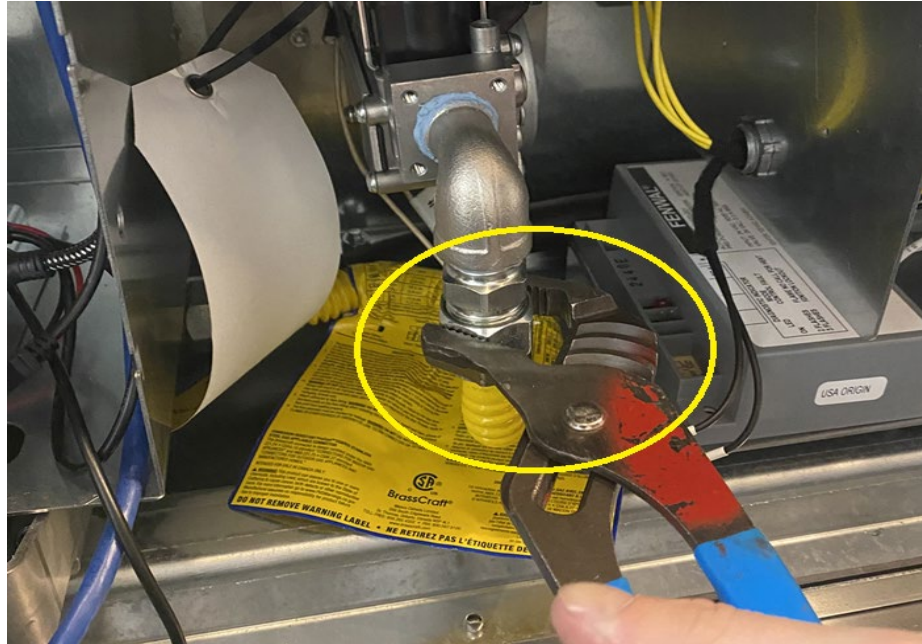
Disconnect the 2 high temperature wires and measure the resistance with a multimeter

If multimeter show no continuity, the hot surface is broken and must be replaced



Step 4

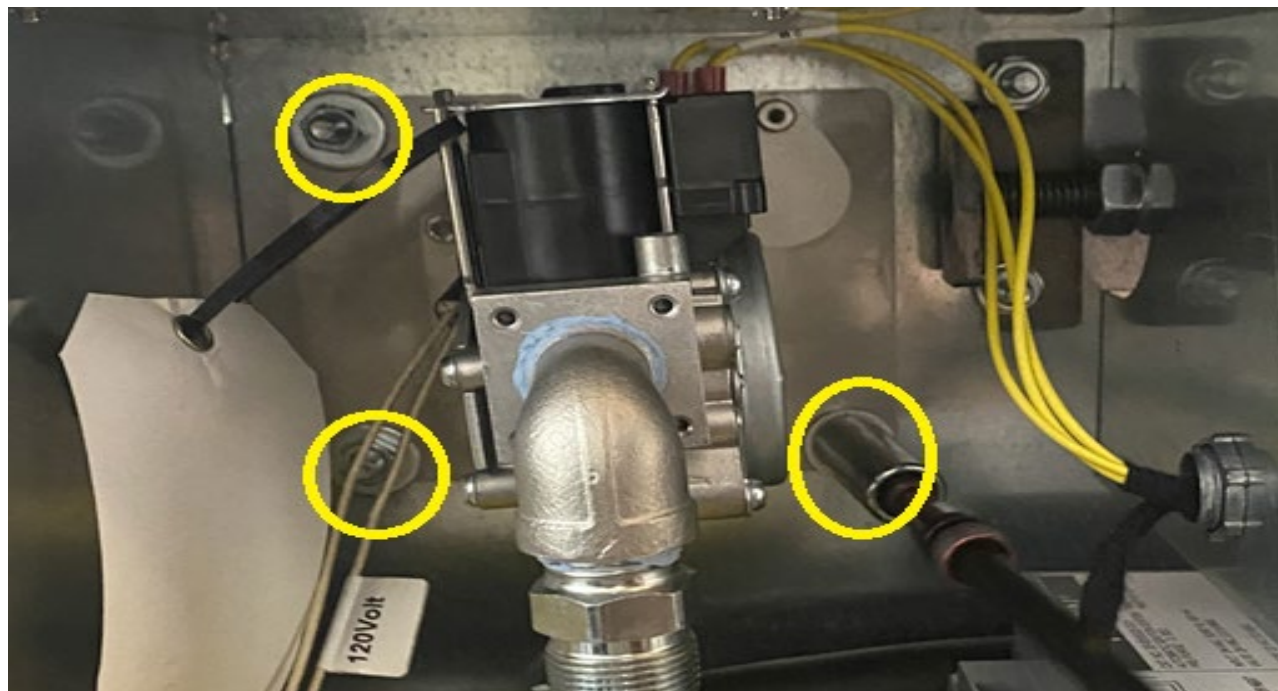
Disconnect the gas hose



Step 5

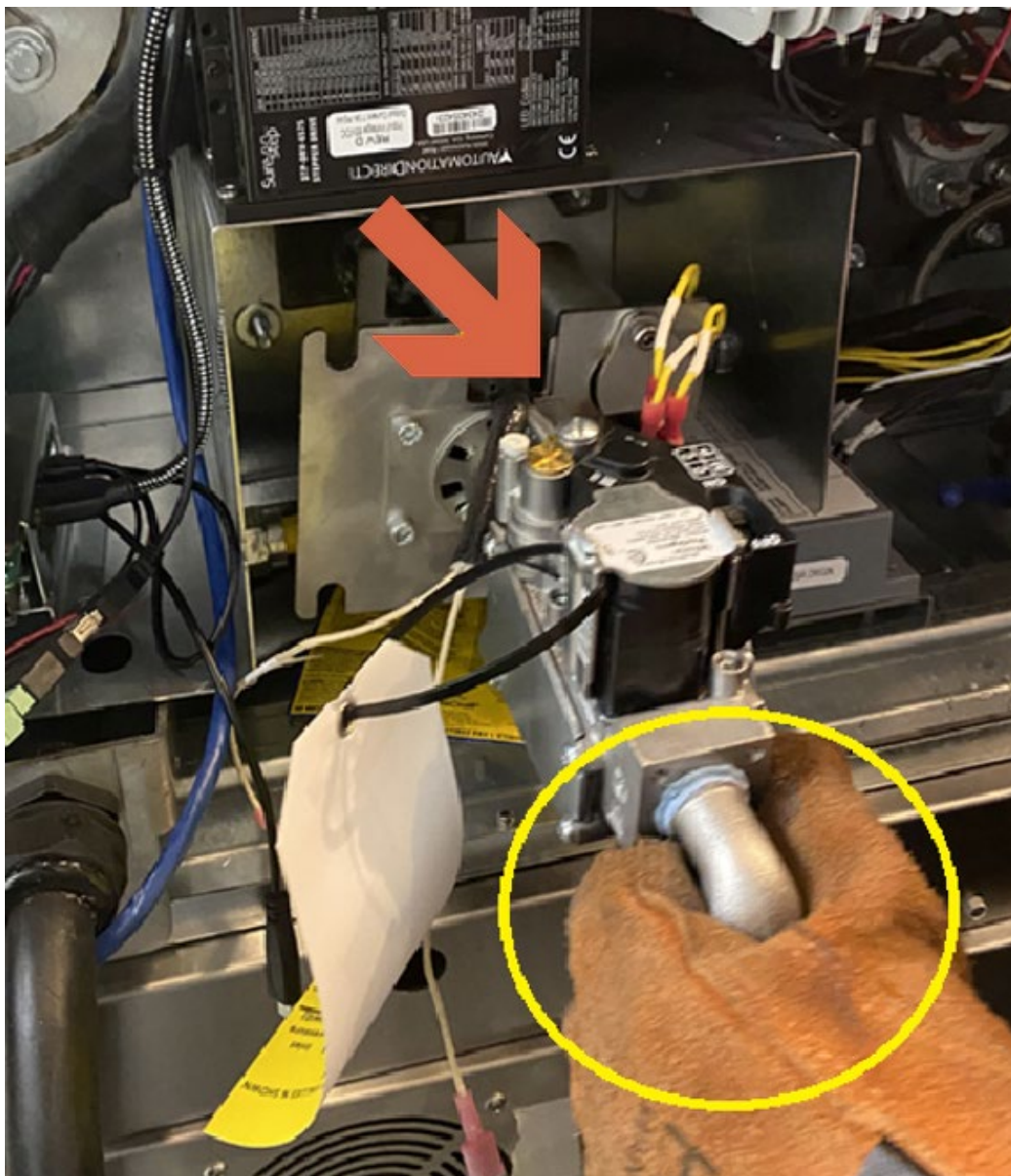
Remove the 3 nuts to allow the burner be pulled out

(Please make sure the oven is cold to avoid burns)



Step 6

Pull out the burner slowly to avoid damage to the wires.



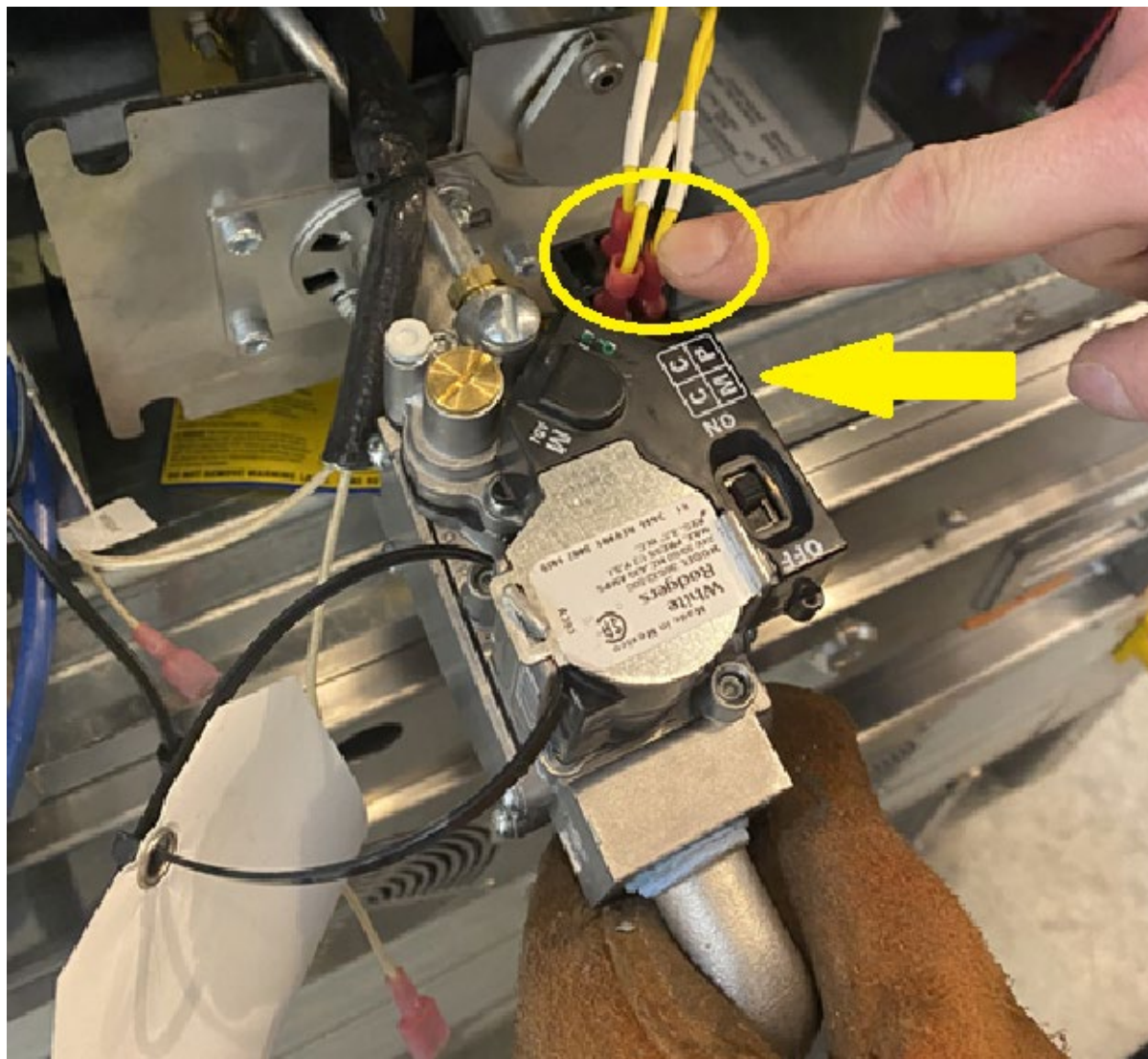
Step 7

Disconnect the 3 wires to allow the burner be completely removed

COM

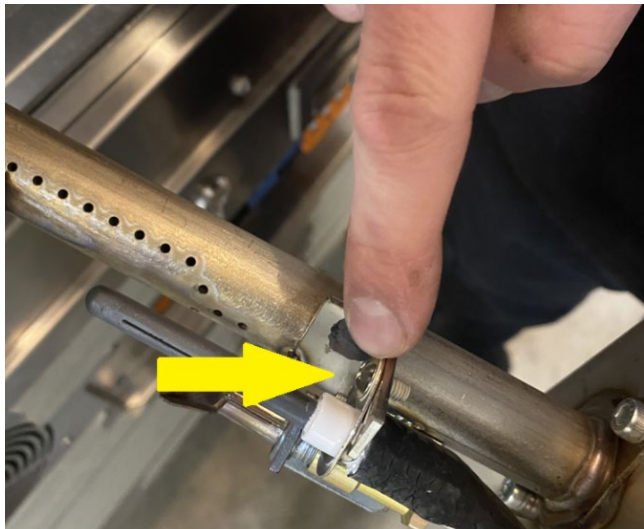
P (Pilot)

M (Main)

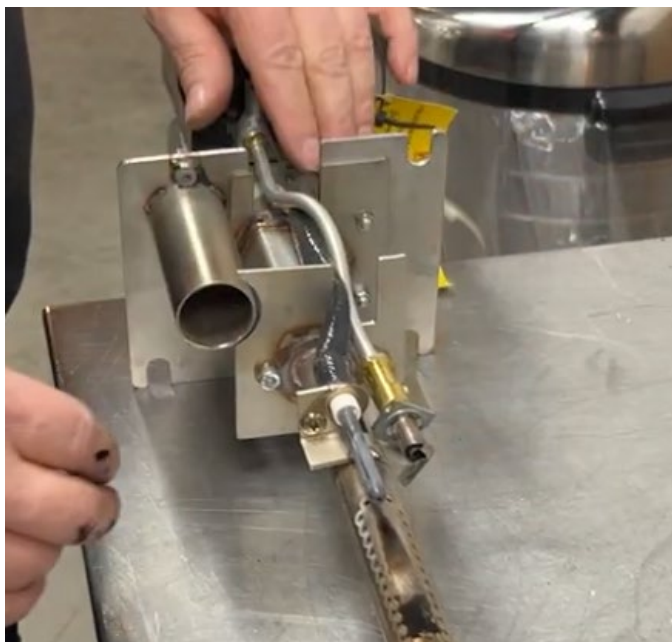


Step 8

Remove the screw beside the Hot surface igniter.



Step 9



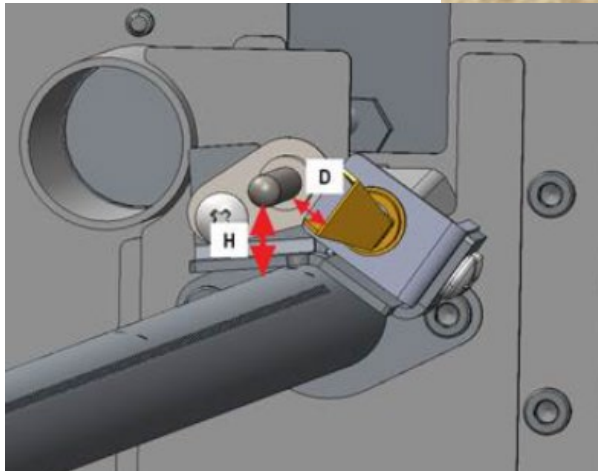
After removing the screw, you can now remove the hot surface igniter and replacing for the new one.

Place the wires to avoid squeezing.

Put back the new igniter at the same place then the old one to avoid flame sensing problem

Step 10

Hot surface tip should be positioned at measurement indicated D & H = 14mm



Step 11

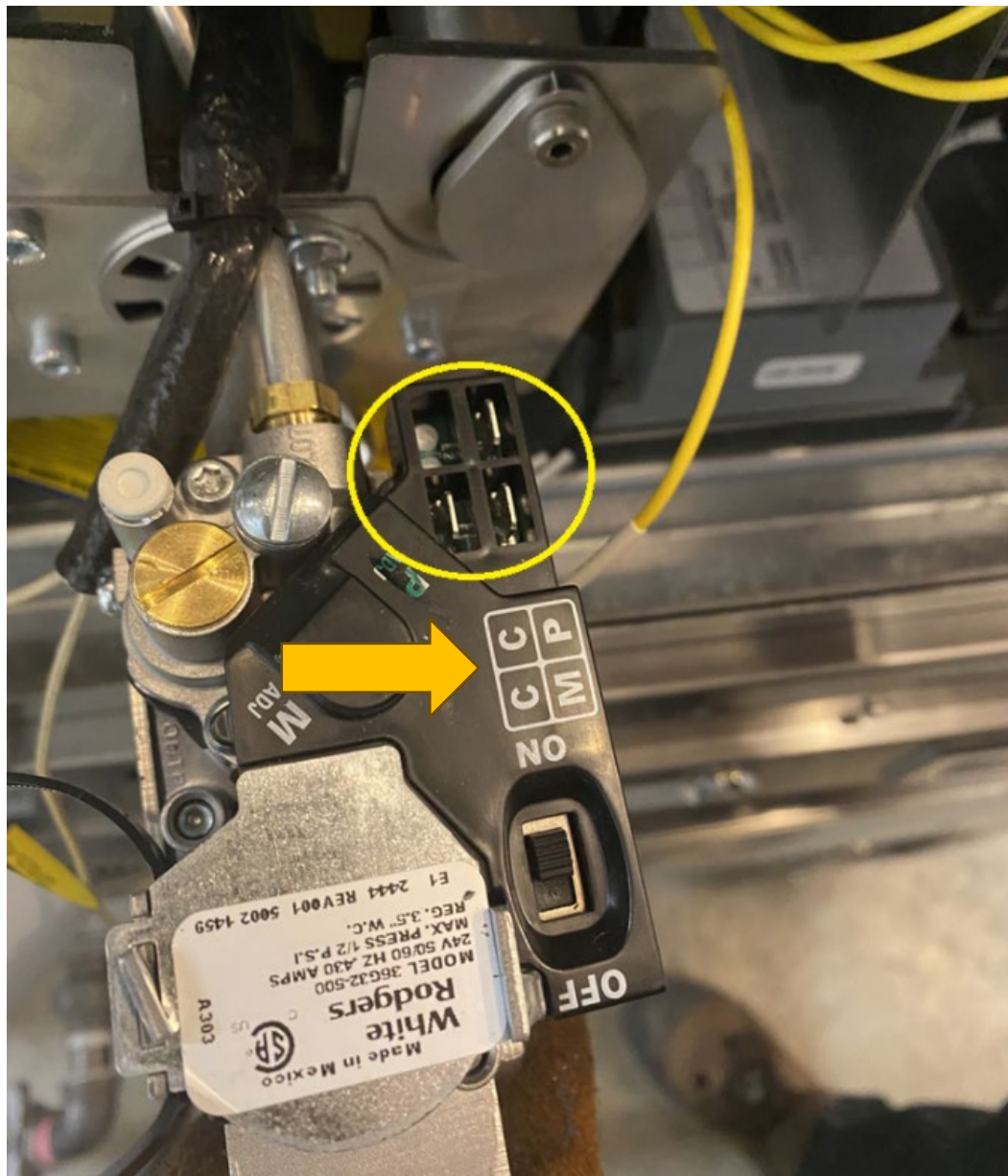
Clean carbon deposit on the burner with a dry rag



Step 12

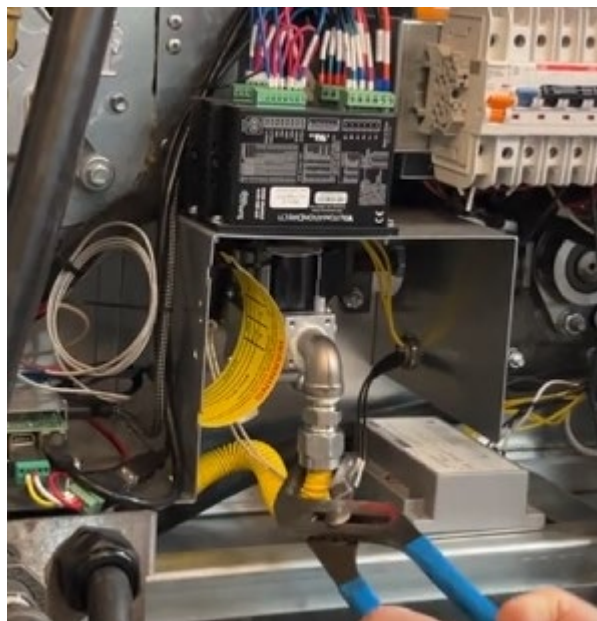
Connect back the valve control wire, all the 3 wires are identified as C, M and P.

The arrow below shows how to connect the 3 wires.



Step 13

Put the burner back in place by tightening the 3 nuts, connect hot surface wires and connect the yellow gas hose



Step 14

- Put back rear panel
- Don't forget to plug the cooling fan power to avoid components overheating problems
- Plug and power up the oven
- Test to be sure that everything is working properly