



## Service Manual for 96 FS

DOC. NR : 04-03/FR301

REV.NR/DATE:02/19.08.2015

ITEM NR:

PAGE : 1/52

### TABLE OF CONTENTS

Rear Panel .....	3
Terminal Box .....	4-5
Cooktop .....	6-8
Fan Cover .....	9
Front Panel .....	10-11
Door .....	12
Inner Glass .....	13
Handle .....	14
Door Hinge .....	15-16
Spark Plug .....	17
Ignitor Box .....	18-19
Thermocouple .....	20-21
Injector .....	22
Gas Delivery Tube .....	23
Microswitch .....	24
Manifold .....	25-29
Thermostat .....	30-31
Oven Lamb .....	32
Grill Burner .....	33
Oven Burner .....	34
Bottom Heater .....	35-37
Upper Heater .....	38
Fan Motor .....	39



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<b>DOC. NR :</b> 04-03/FR301
<b>REV.NR/DATE:</b> 02/19.08.2015
<b>ITEM NR:</b>
<b>PAGE</b> : 2/52

<b>Exhaust for electric oven .....</b>	<b>40</b>
<b>Side Panel.....</b>	<b>41-44</b>
<b>Ceran Heater .....</b>	<b>45-48</b>
<b>Hot Surface Indicator Light Group .....</b>	<b>48</b>
<b>Hotplate .....</b>	<b>49-51</b>
<b>Exhaust for gas oven.....</b>	<b>52</b>

Unscrew by using PH2 screwdriver



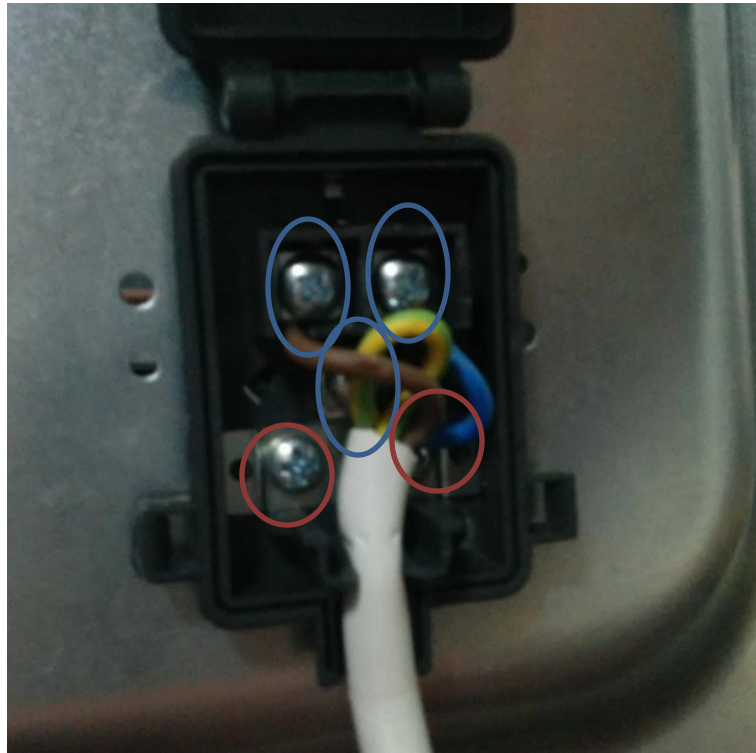
- Disassemble rear plate
- Detach wiring on inner side.



- For opening the terminal box, use turnscrew to push like below picture.



- Detach screws in blue circles to remove cables.
- For removing terminal box, detach screws in red circles.



Use PH1 to unscrew burner screws.



Unscrew the connection between cooktop and rear panel

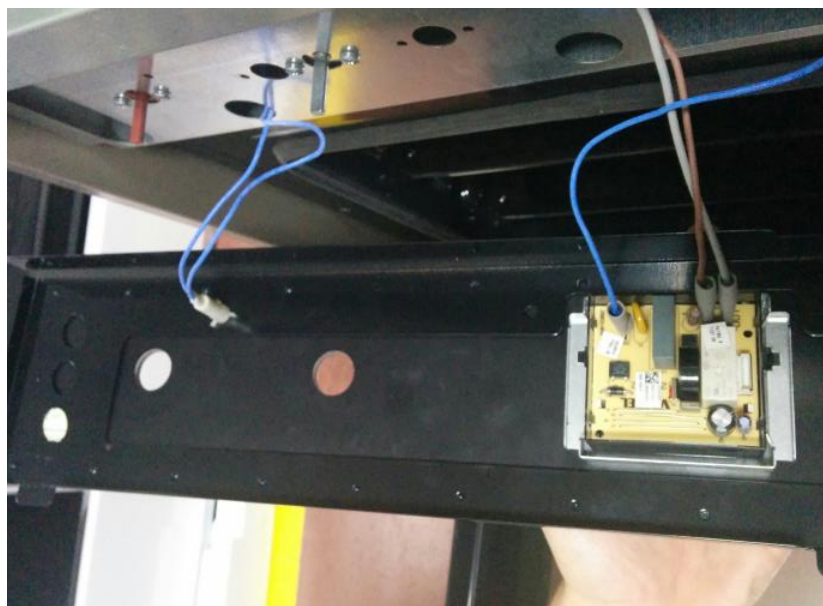




Remove knobs and knob rings.



Unscrew control panel from screws



Unscrew connections between front panel and cooktop.



Change the cooktop.





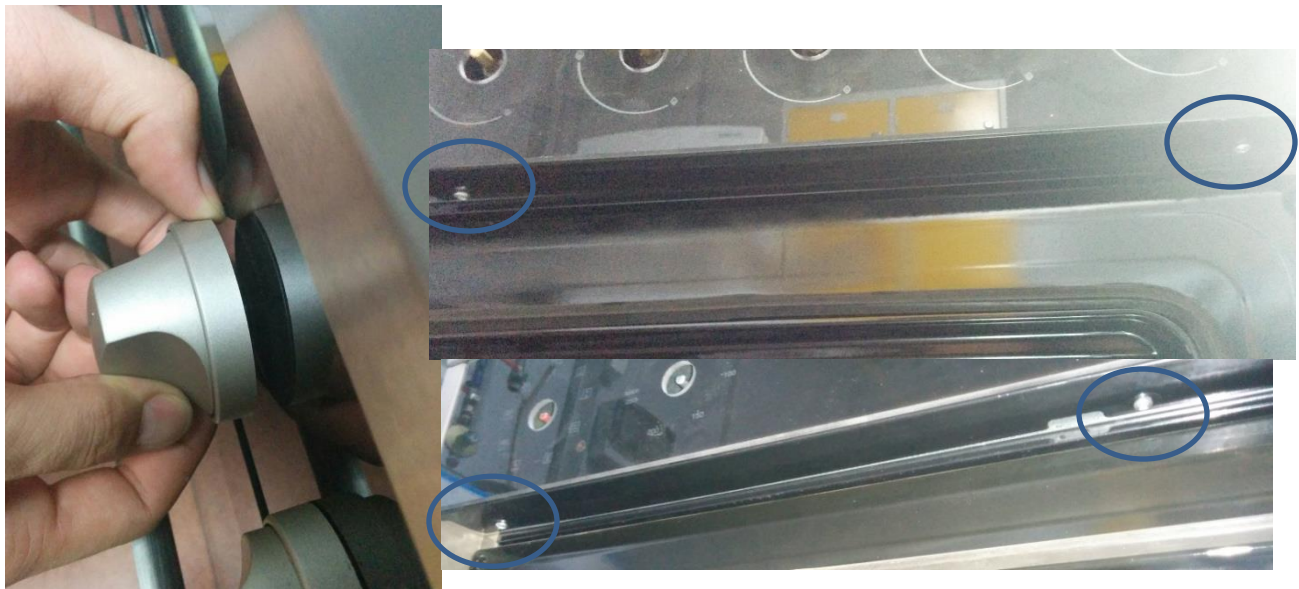
Unscrew by using PH2 screwdriver



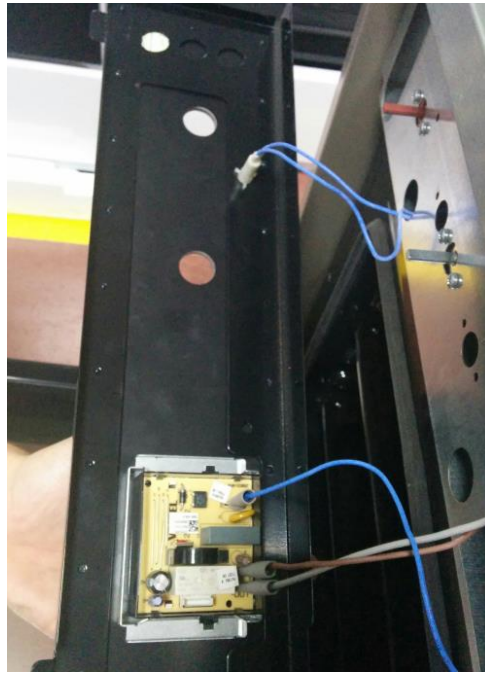
Remove knobs and knob rings.



Unscrew control panel from screws



Detach wiring from panel



Open hinge lock by using turnscrew



Close and pull back the oven door





Unscrew by using PH2 screwdriver and pull the glass





Unscrew by using PH2 screwdriver



Unscrew by using PH2 screwdriver

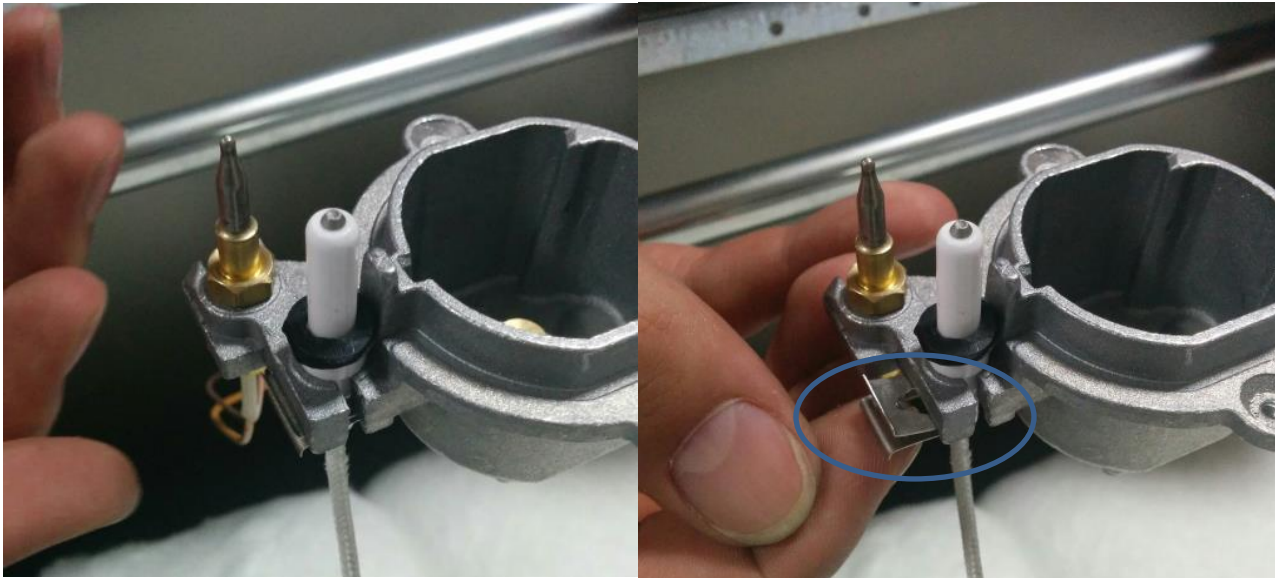


Pull the hinge





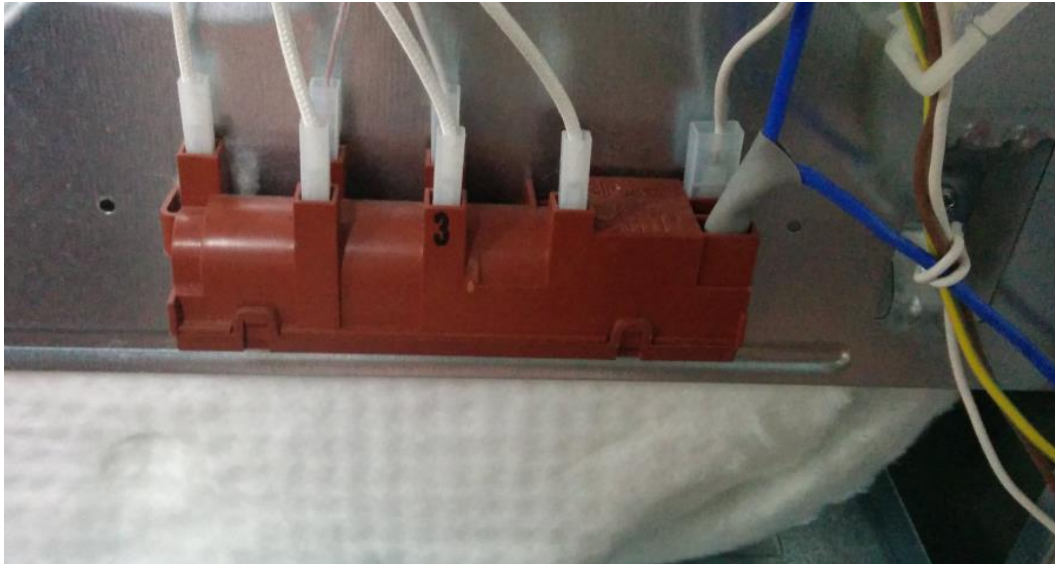
Pull clip under spark plug and release the plug



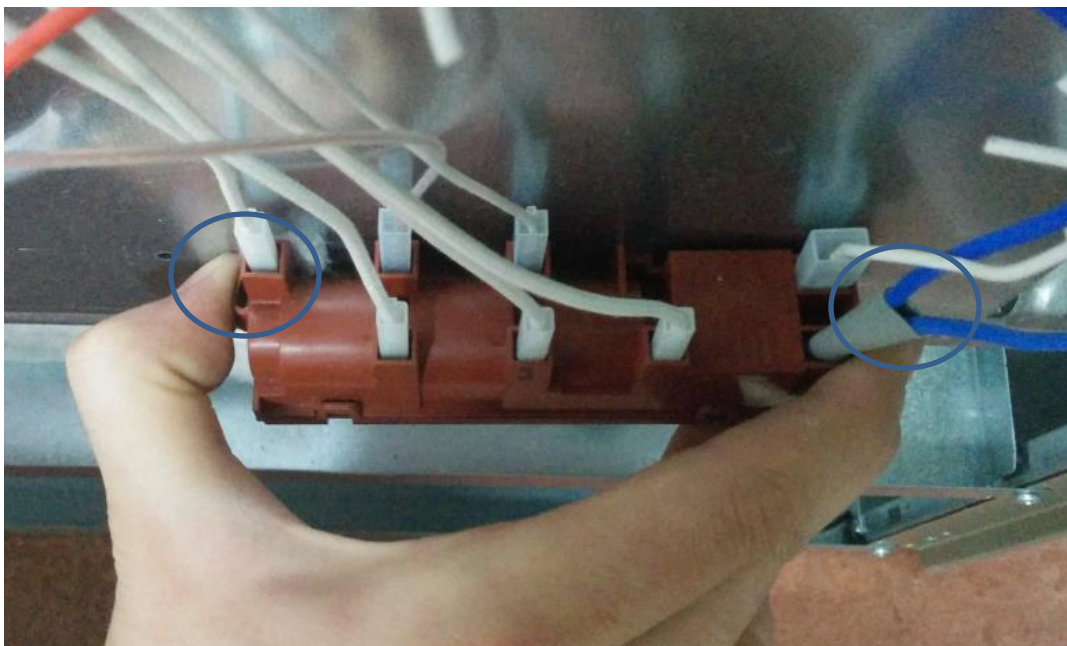
Detach the cable which goes to ignitor box and change spark plug and cable.



Detach ignitor cables and phase cable



Push clips which are two corners as below picture and take ignitor box.

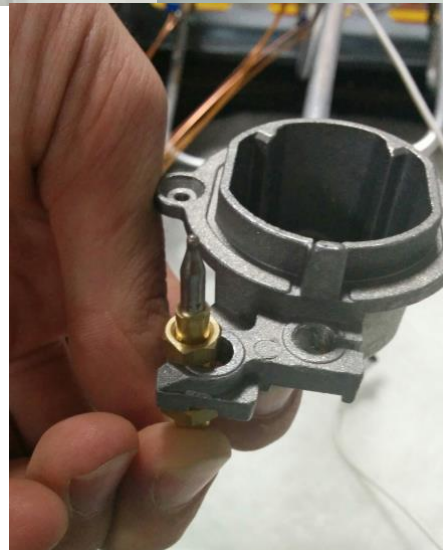
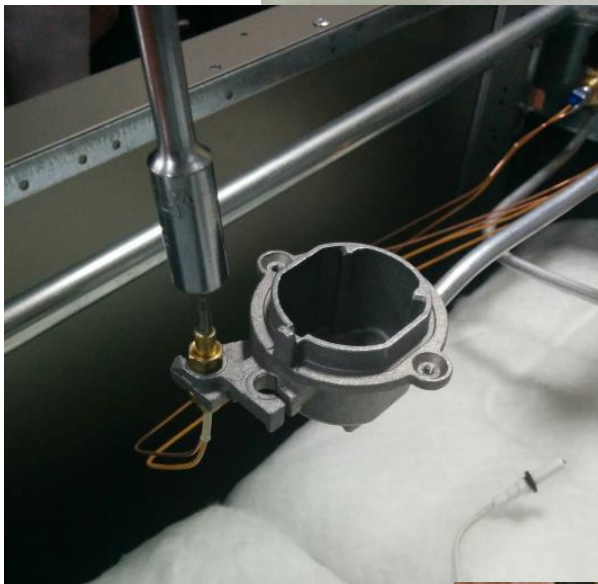




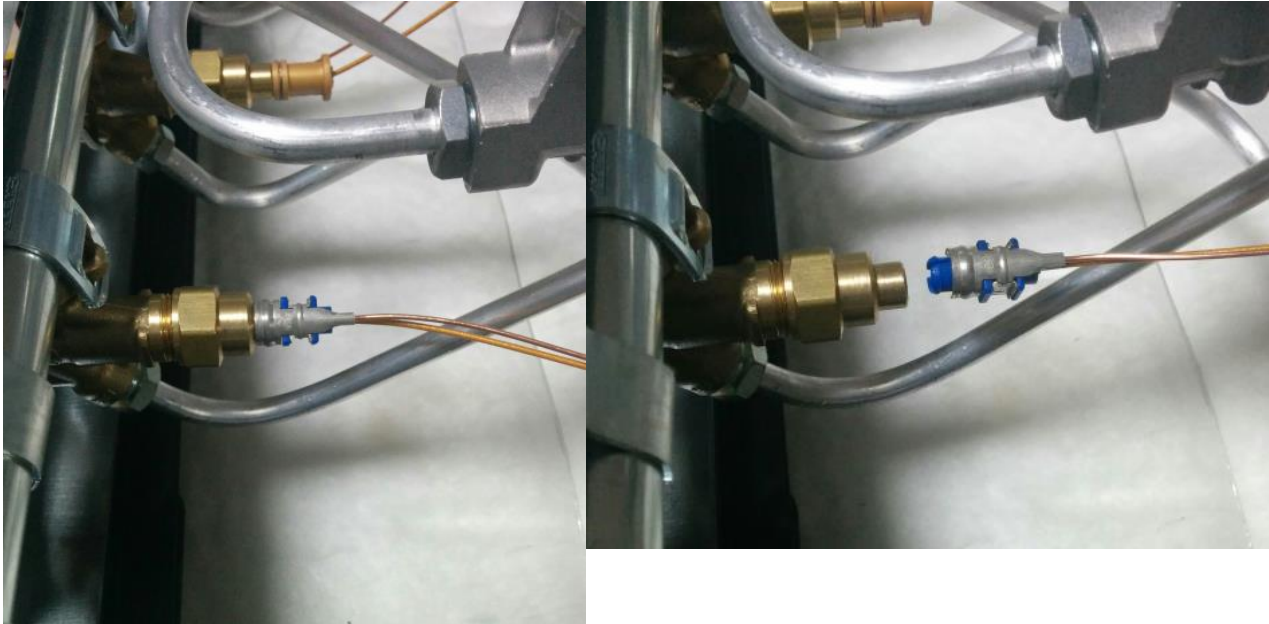
While attach new ignitor box, be sure the plastic hook is holden as below hole.



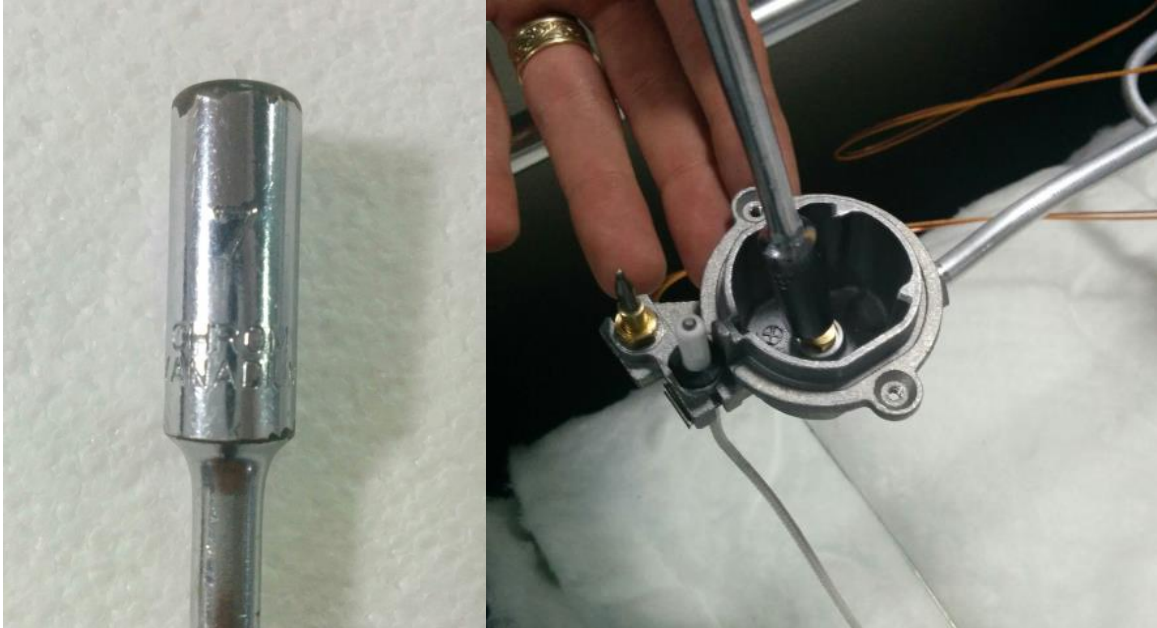
Release the nut by using no:8 socket wrench and pull back and remove



Thermocouple connection is removed by pulling out.



Change injector like below picture by using no 7 socket wrench.

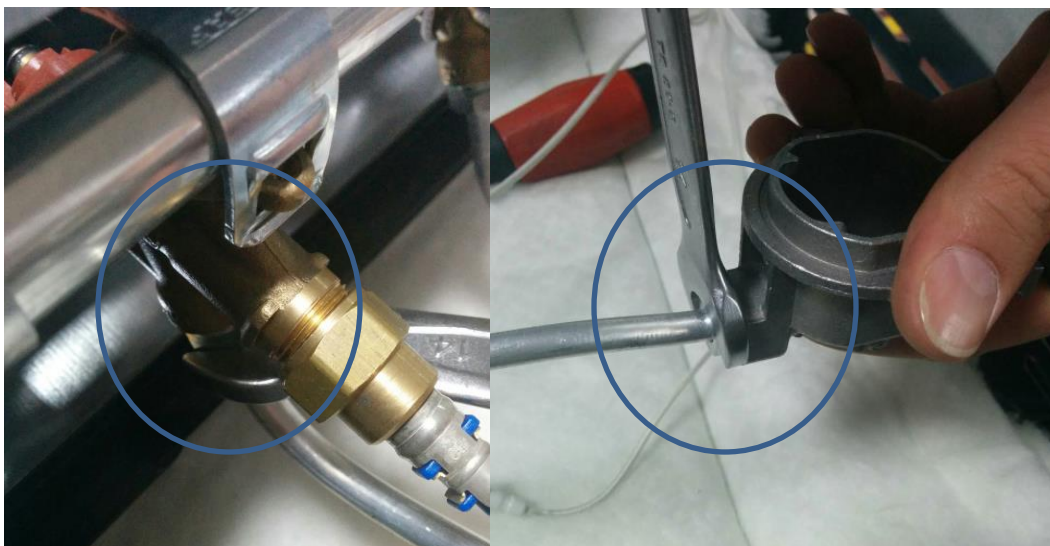




For burner connections, use no 14 spanner.

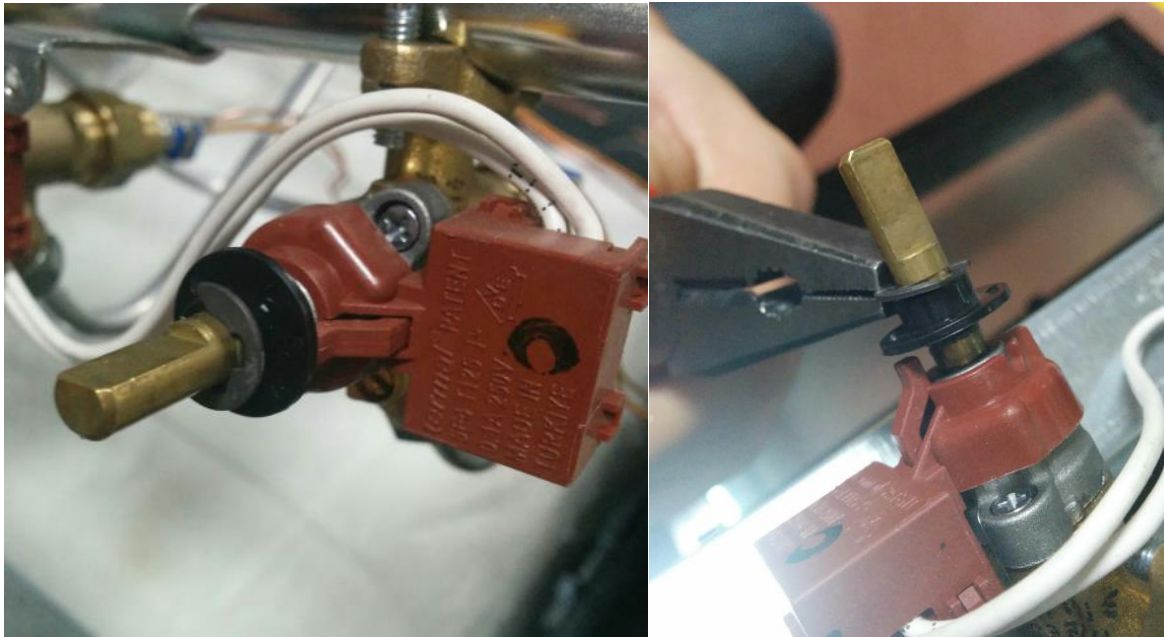


Use spanner to remove the nuts as below picture.





Detach the part which is used at top of valve by using nipper.



Pull forward to remove microswitch. Disassemble microswitch cables from terminal box..



Detach upper rear panel by using PH2 screwdriver.



Unscrew connections in blue circles

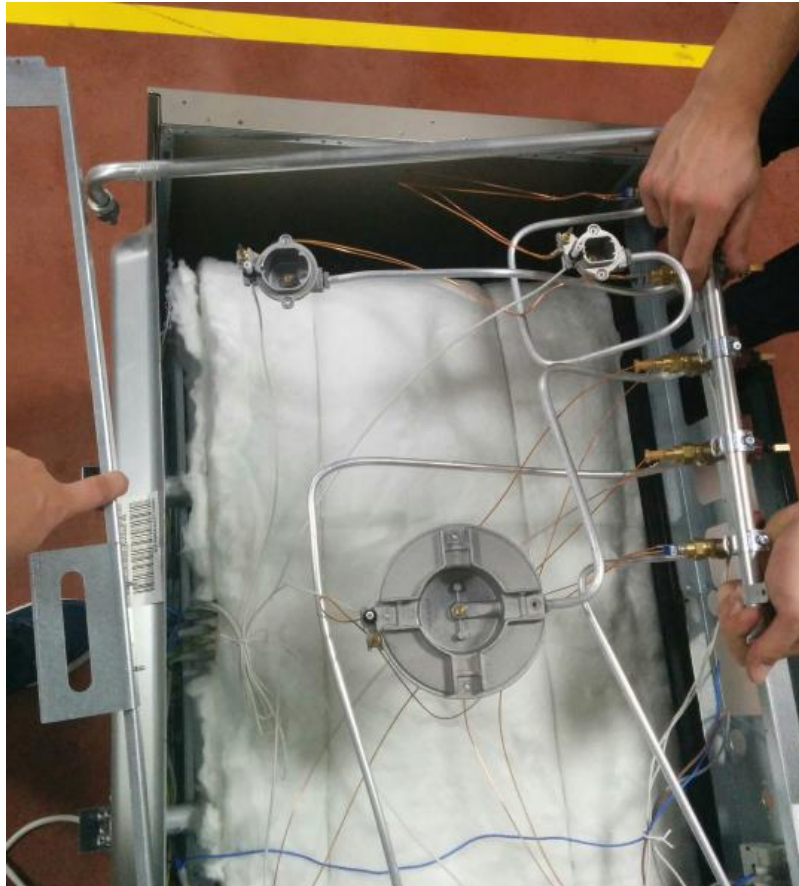


Detach brackets which holds valves.



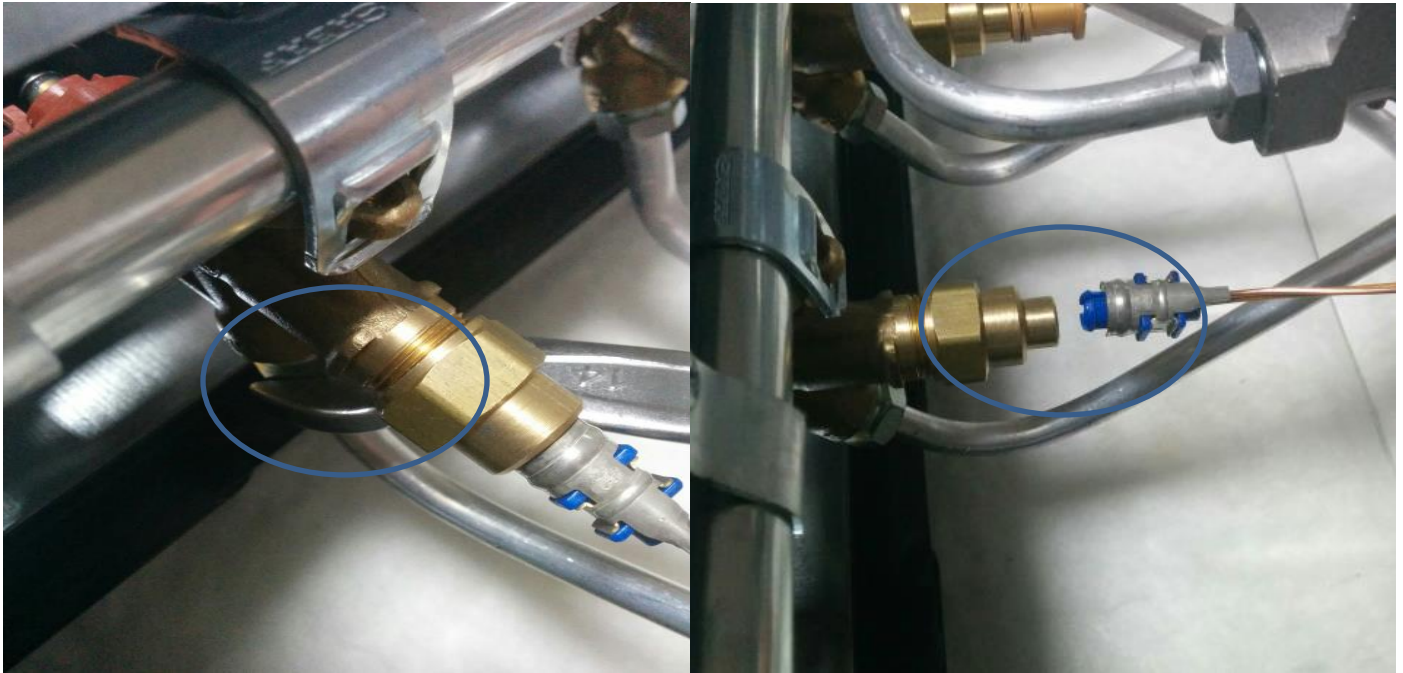


Change the manifold. Please be careful for valve dimensions and gas leakage

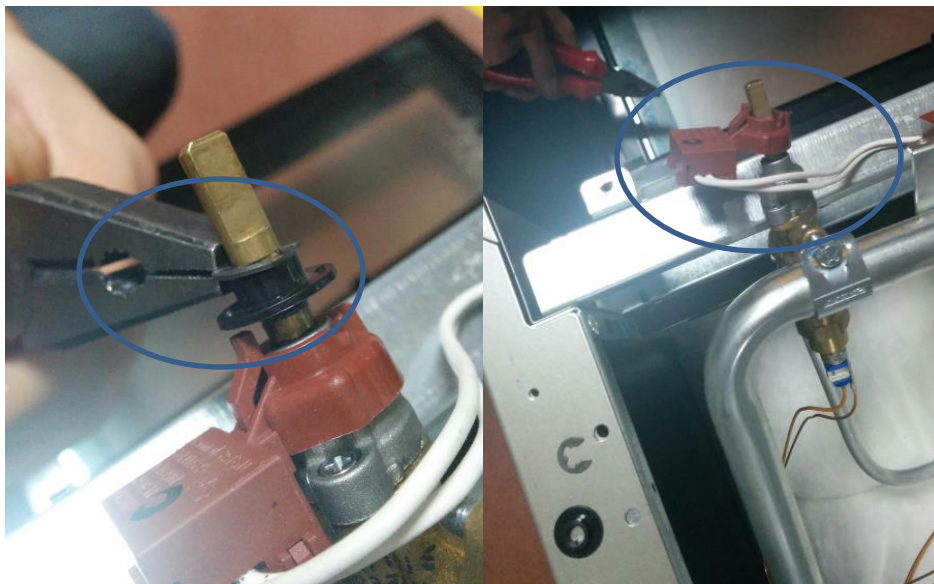




Use no.14 spanner to remove the nuts as below picture. Thermocouple connection is removed by pulling out.



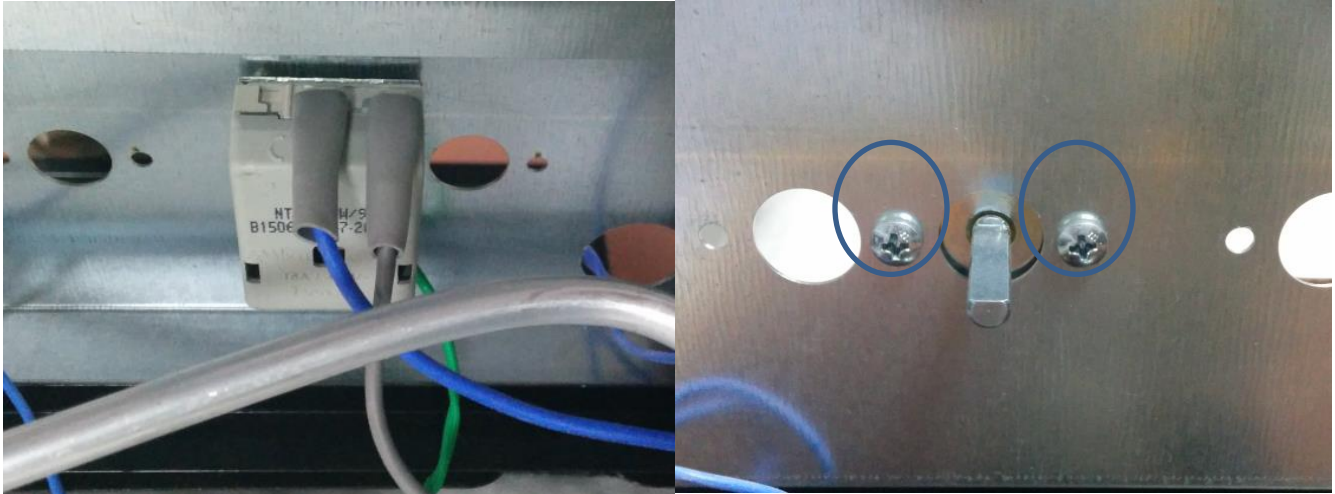
Remove microswitches.



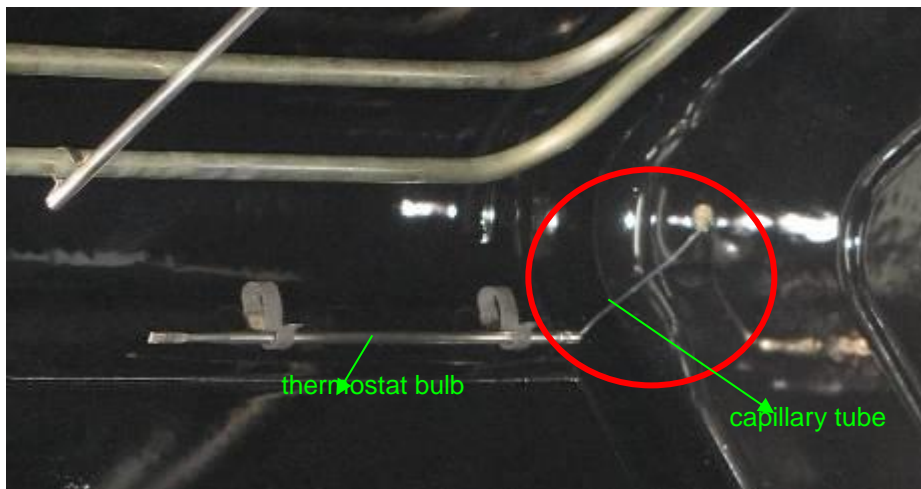
Unscrew the brackets as below picture to remove valve..



- Disassemble Front plate
- Disassemble cooktop
- Detach thermostat cables
- Remove screws which holds thermostat



- The capillary tube of thermostat; ends on the thermostat bulb inside cavity



- Manually remove thermostat bulb out of its brackets.

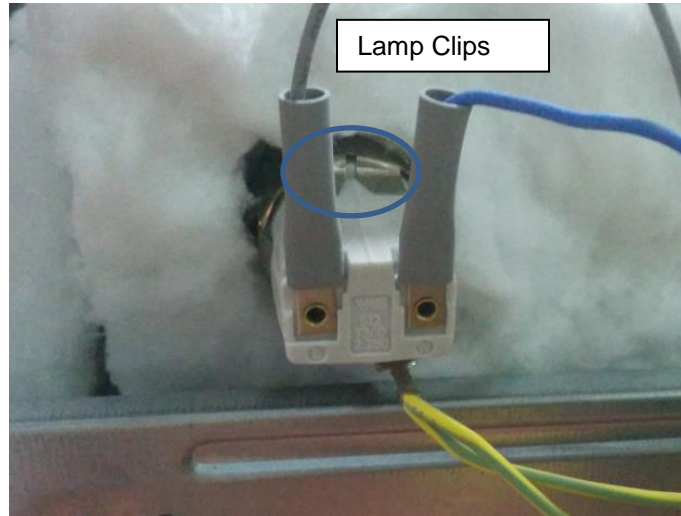


- Now it is safe to pull back and remove thermostat bulb from the rear outlet.
- Thermostat becomes free then.





- Disassemble rear plate
- Detach wiring of lamp
- Push down 3 lamp clips and push the lamp to inner cavity



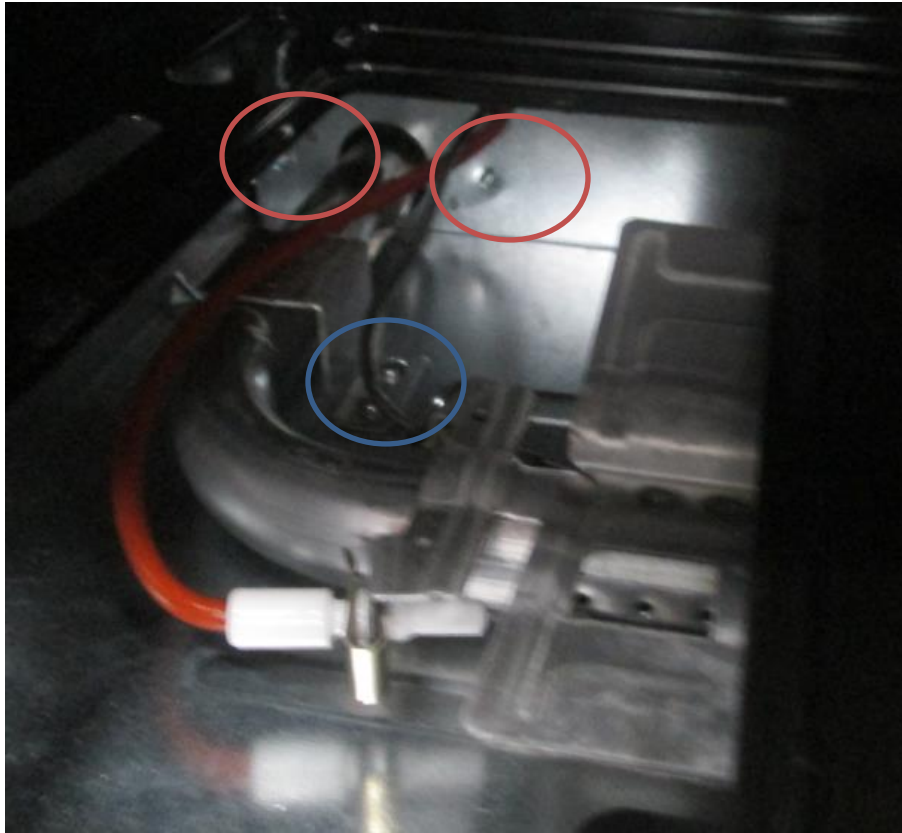
- Take oven lamp from inside.



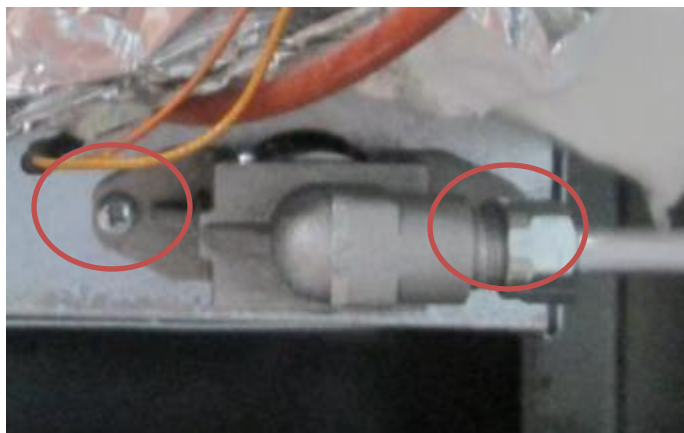
For grill burner, Unscrew by using PH2 screwdriver.



For oven burner, Unscrew by using PH2 screwdriver. Red circles must be unscrewed from outside,



Outside view of red circular area.

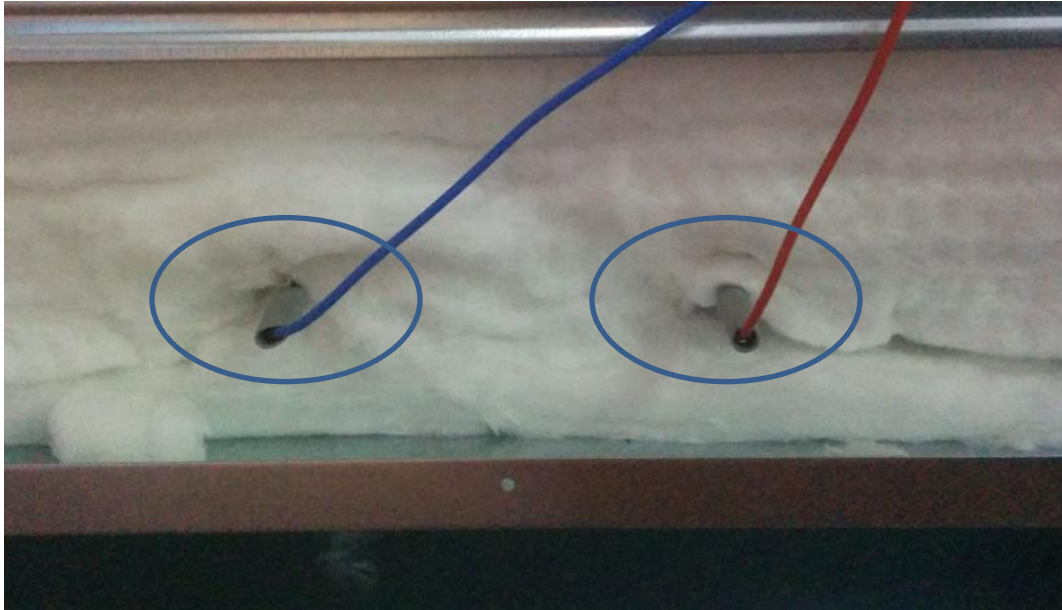


Unscrew by using PH2 screwdriver and cut robes which is used for bottom wrapping insulation





- Remove rear Panel
- Detach wiring as below



- Unscrew below screws which are shown with circle



- Pull out the metal sheet. Heater and sheet will be removed together.



- For assembly heater again, please be careful about clips on metal sheet.

- Remove rear panel
- Detach wiring.



- Remove the screws which is used to hold heater to rear.

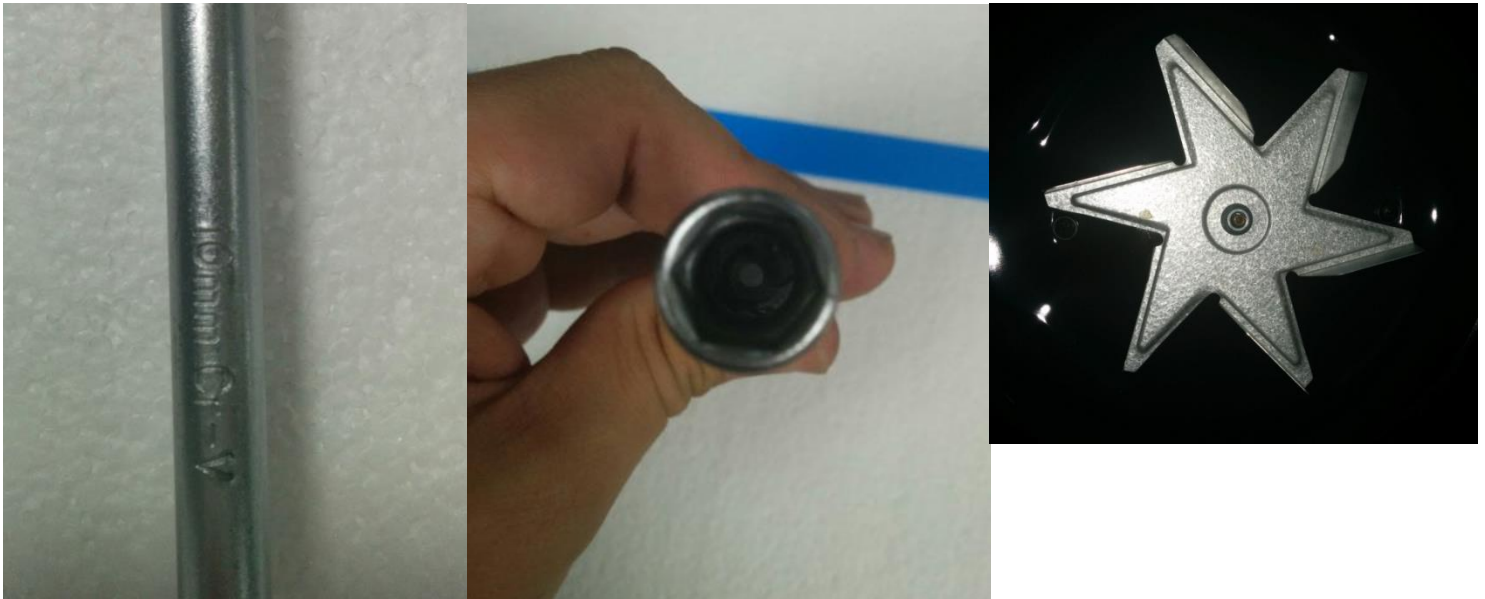


- Remove the screws which is used to hold heater to upper.

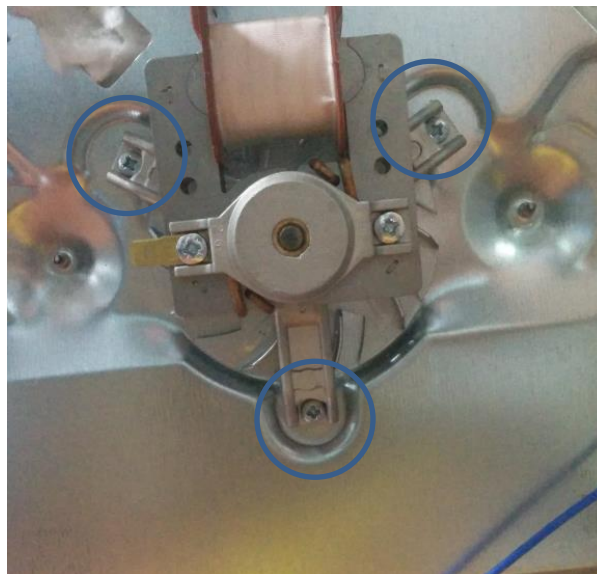


- You could remove upper heater now

- Remove fan cover.
- Use number 10 socket wrench to remove the nut. To remove, turn clock wise direction.



- Remove raer panel
- Remove screws and wiring as below.





Push down the pin and open which holds exhaust by using fingers.



## CHANGING SIDE PANELS

Before changing the side panel ;

Take off all components possible to move/fall or defect:  
Grids and pan supports, knobs, burner caps & heads, trays, warmer drawers etc

Lay down the oven



Remove front panel ( see detailed )



Unscrew the inner panel and side panel connections.  
( apply this procedure for one panel. Do not try to remove both side panels at once. )



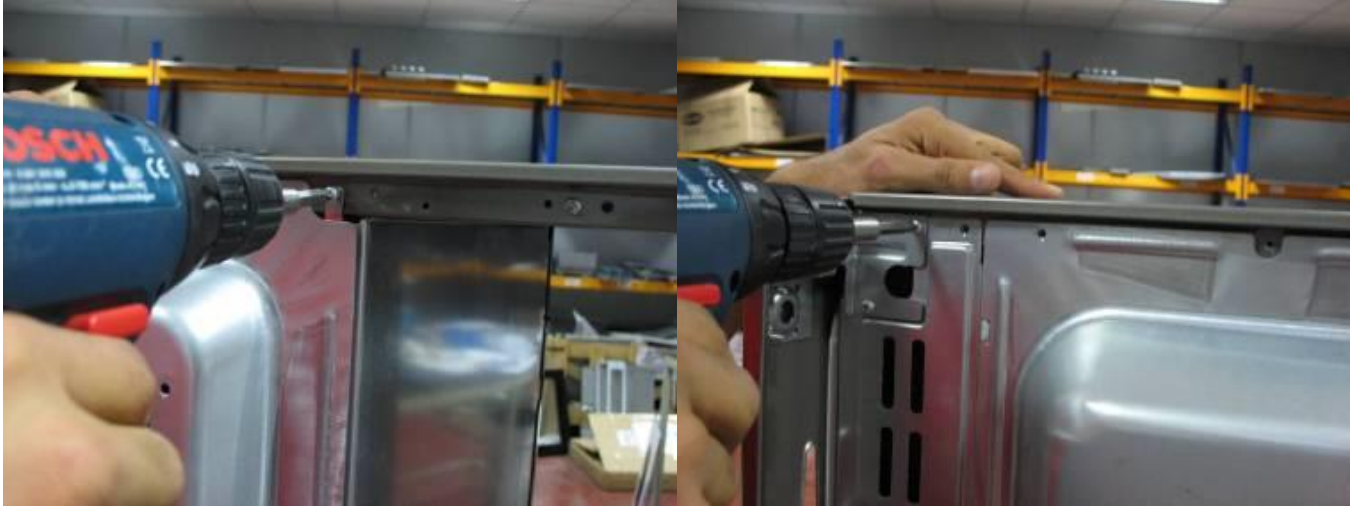
Unscrew all surrounding screws on the side panel



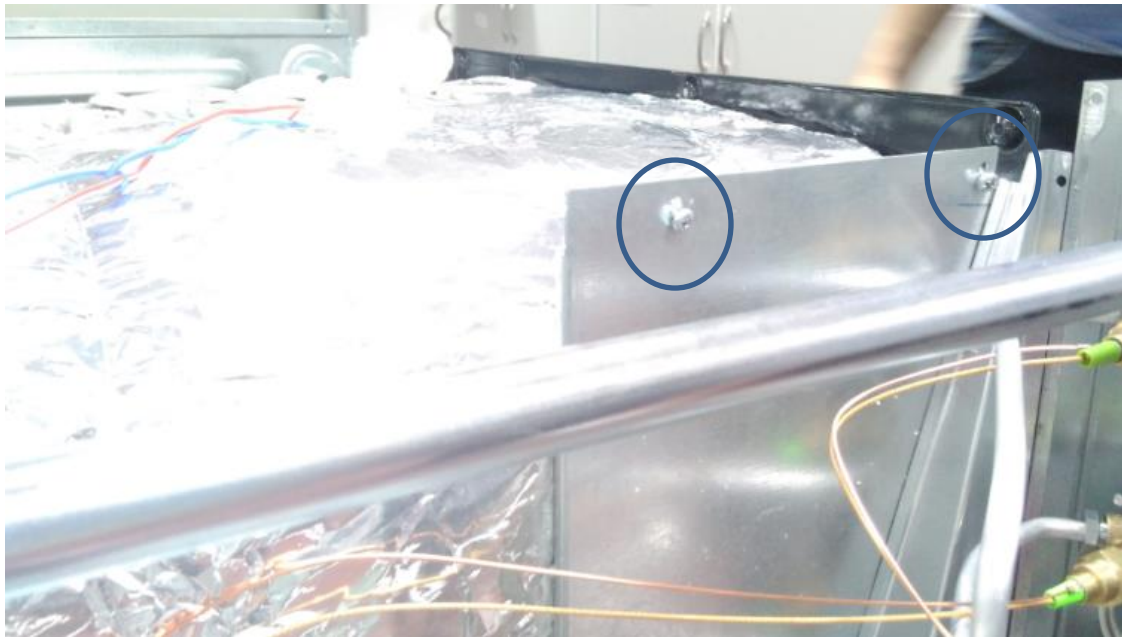
Unscrew the front and rear plinth



Unscrew the rear panel

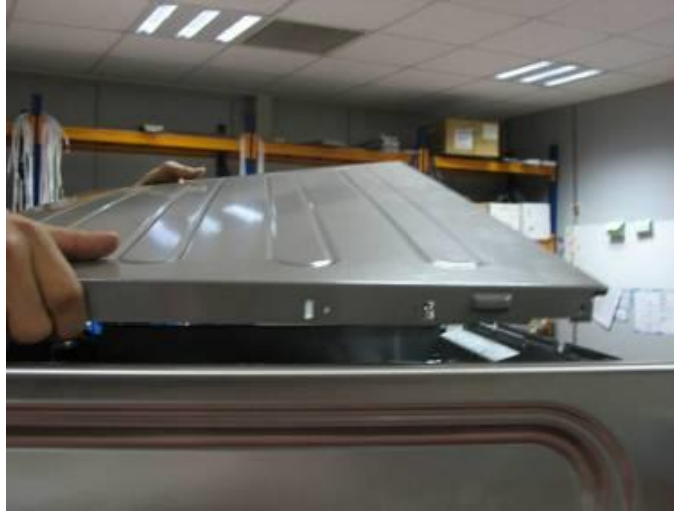


Unscrew the below screws.





The side panel sets free - you may remove and change it.



Repeat the same procedure backwards when assembling the new side panel

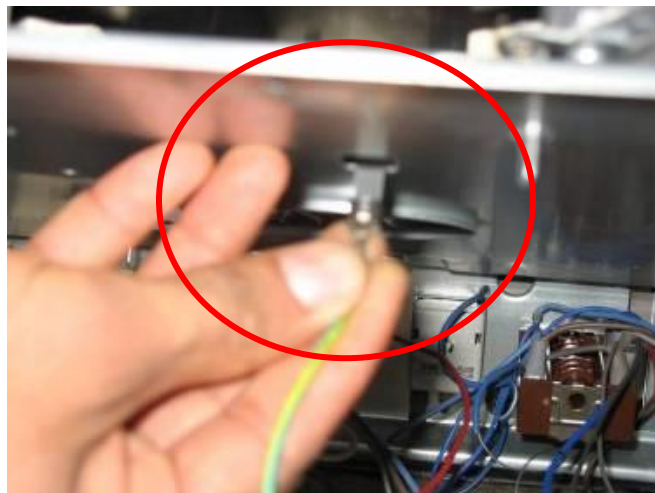
## CHANGING COOKTOP AND HEATING ELEMENTS & HOT SURFACE INDICATOR LIGHTS

For both processes, please follow the steps :

Unscrew control panel from screws

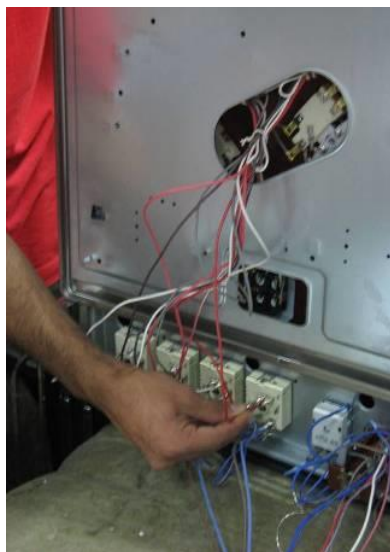
Unscrew the back angle irons at the rear bottom of the plate.

Take off the earthing cable



Hold the cooktop vertical, then take off all regler connections.

( While reassembling, the wirings must be appropriate with mentioned on the labels )



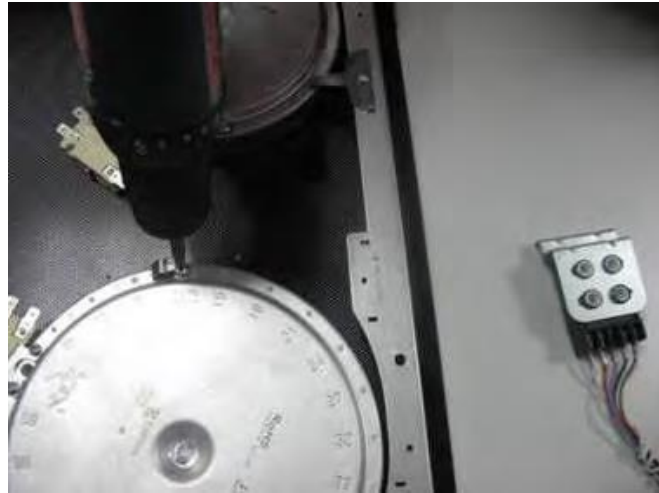
If you need to change the heating element, unscrew all surrounding screws of cooktop



Remove the terminals of heating element that you want to change. ( by a nippers )



Unscrew the heating element assembly springs



Unscrew ( t type ) heating element assembly springs  
they are screwed according to the matching numbers on heater&frame

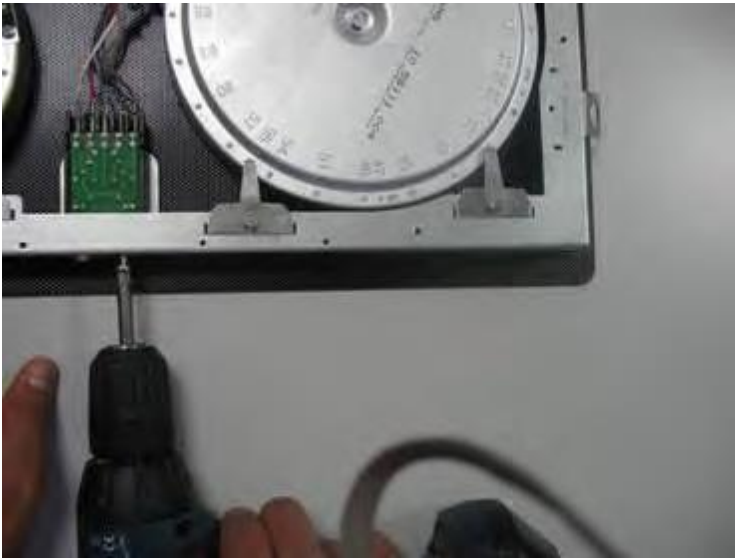




Remove ( t type ) heating element assembly springs from the hob frame



Remove the "hot surface indicator light group"  
Wiring connections are free



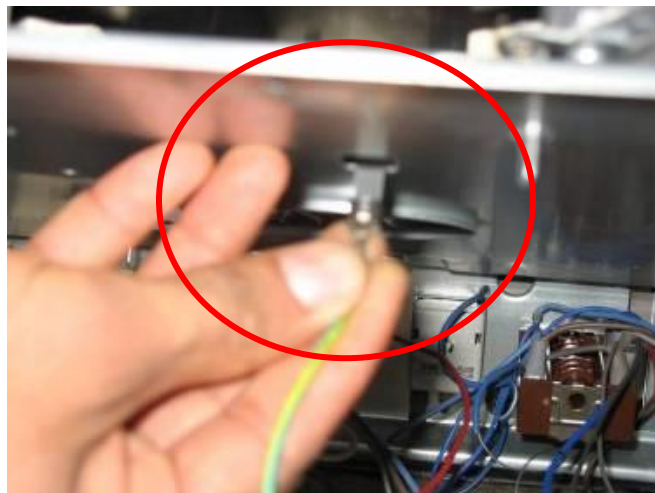
## CHANGING HOTPLATE

For both processes, please follow the steps :

Unscrew control panel from screws

Unscrew the back angle irons at the rear bottom of the plate.

Take off the earthing cable

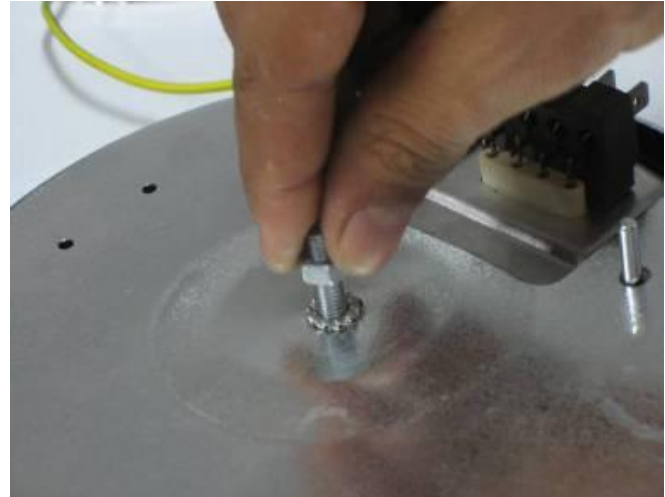


Unscrew the hotplate bottom fixation screws, and remove hotplate housing.





Repeat the same procedure backwards when assembling the hotplates again.



Attention: the connections must be tightened - in order to fixate the hotplates







Gas oven exhaust.

Remove screws which are shown with red circles by using PH2 screwdriver.



Pull and remove the exhaust sheet

