

FREESTANDING OVEN ELECTRIC SERVICE MANUAL CONTENTS

1. Side Panels	1
2. Rear Panels	5
3. Cooktop	6
4. Oven Light Button / Ignitor Button	8
5. Oven Light	12
6. Function Selector Switch	14
7. Hotplates	18
8. Heating Elements	26
9. Inner Glass	30
10. Fan Motor	31
11. Hot Surface Indicator Lights	32
12. Digital Timer	35
13. Mechanical Timer	37
14. Thermostat / Capillary Thermostat	38
15. Handles / Knobs	41
16. Electric Exhaust	43
17. Anti Tip Bracket	44
18. Induction Moduls	46
19. Touch Control Unit / Heating Element	48
20. Terminal Connection	51

FREESTANDING OVEN ELECTRIC SERVICE MANUAL

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

1-Lay down the oven.



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2-Unscrew the inner panel and side panel connections.

(apply this procedure for one panel. Do not try to remove both side panels at once.)



3-Unscrew all surrounding screws on the side panel.



4-Unscrew the front and rear plinth



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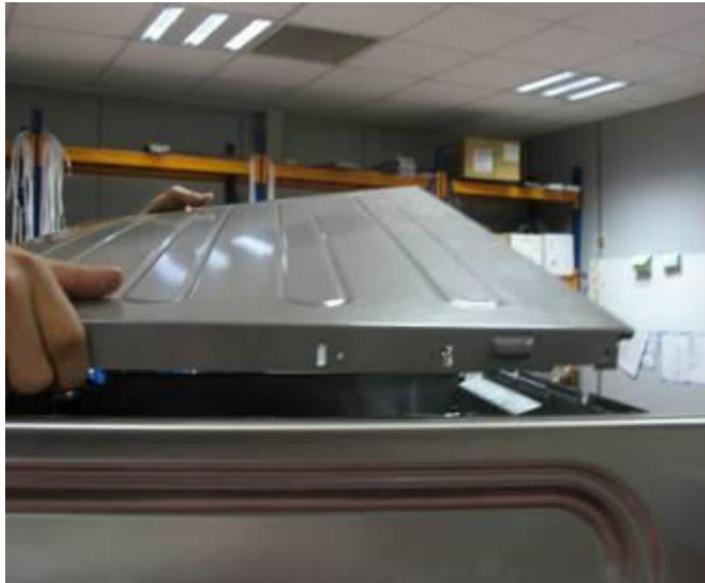


5-Unscrew the rear panel



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



Repeat the same procedure backwards when assembling the new side panel

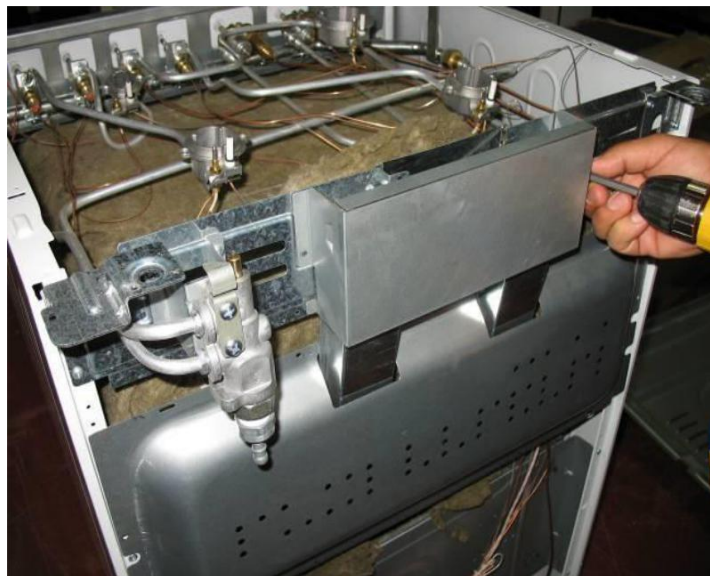
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CHANGING REAR PANELS

1-You have to remove bottom panel first.
Detach all screws on bottom rear panel to remove



2-Remove exhaust protection cover to take off rear top panel



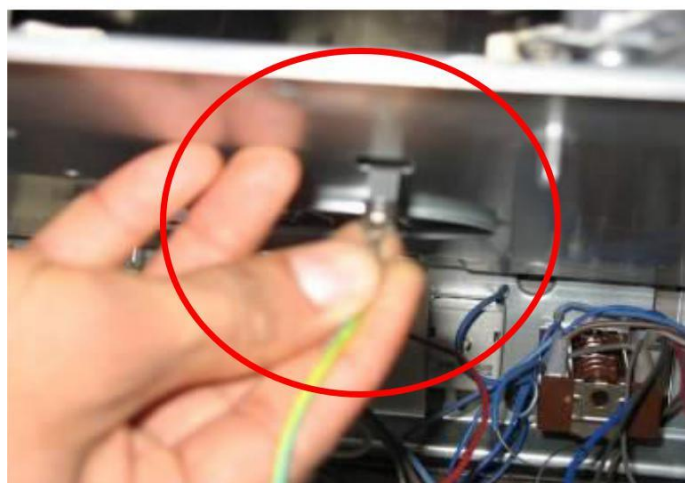
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CHANGING COOKTOP

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



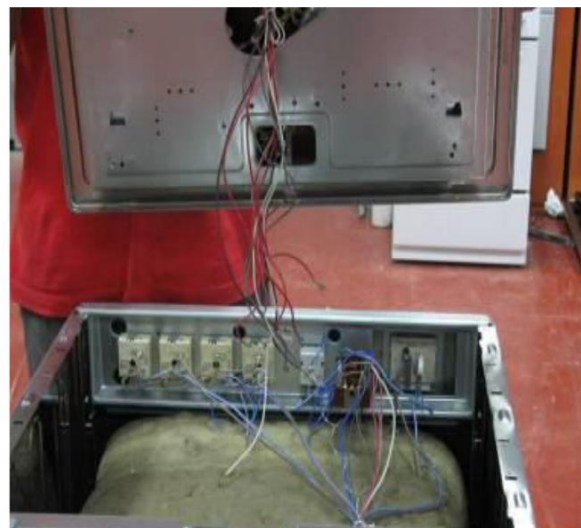
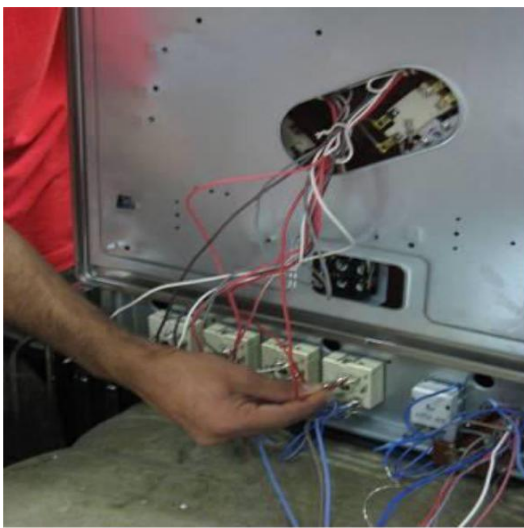
2-Hold up the cooktop slightly from backwards. Take off the earthing cable



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

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



4-Then the cooktop is free to change.



CHANGING OVEN LIGHT BUTTON / IGNITOR BUTTON

1-Take out the front panel first.



Attention : Do not push back the front panel hardly and fast ; this may cause the button wirings get harmed. Please hold it until you take off the terminal contacts.



2-Remove the plastic contacts of wiring terminals (with a nipper)



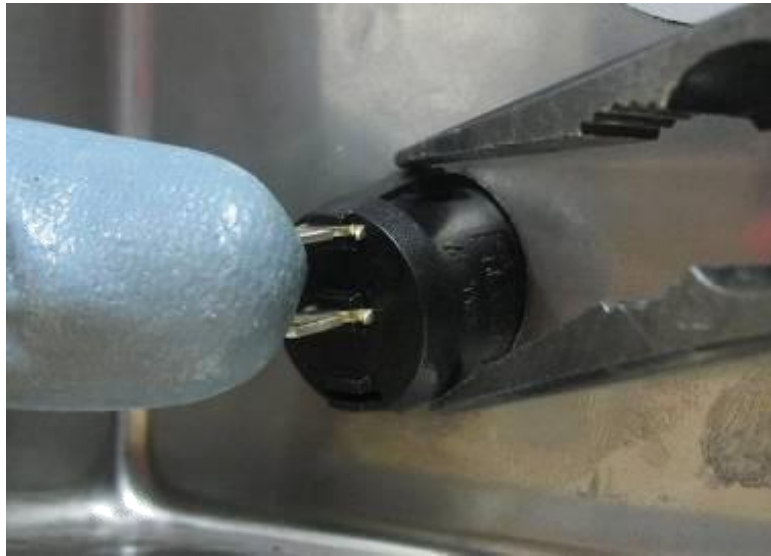
FREESTANDING OVEN ELECTRIC SERVICE MANUAL



3-Then push the hooks surrounding and push forward the button to remove.



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4-Insert a new button ; set it appropriate into the hole.



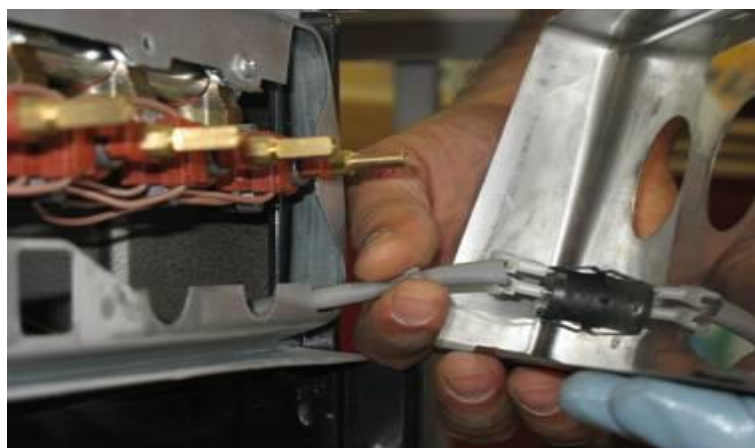
Reassemble the wiring terminals to button ;

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Pay attention to the cables not be destroyed while mounting the front panel.



- All steps are similar for the ignitor button.



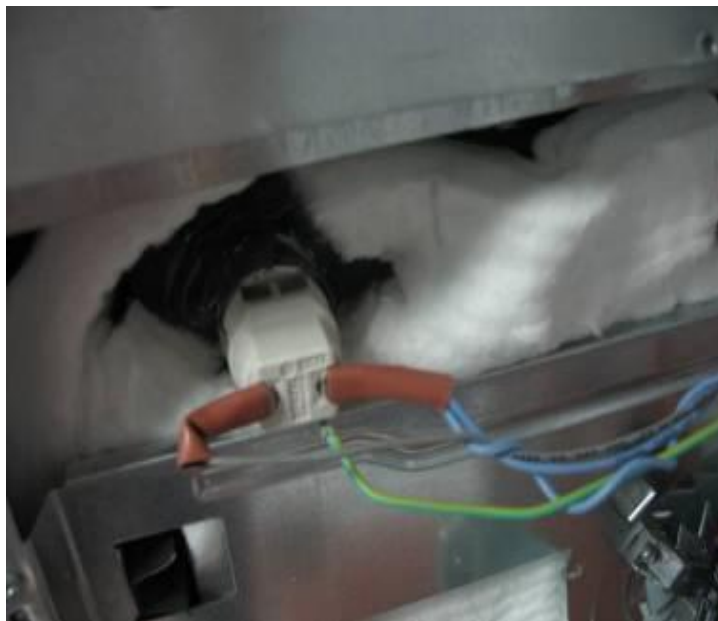
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CHANGING OVEN LIGHT

1-Turn and remove the glass cover of the oven light . Then pull back the lamp



2-Pull of the terminals of oven light
If harmed/defective, change the wiring harness



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3-Press the hooks on the oven light (by a screwdriver) and then push into the cavity.



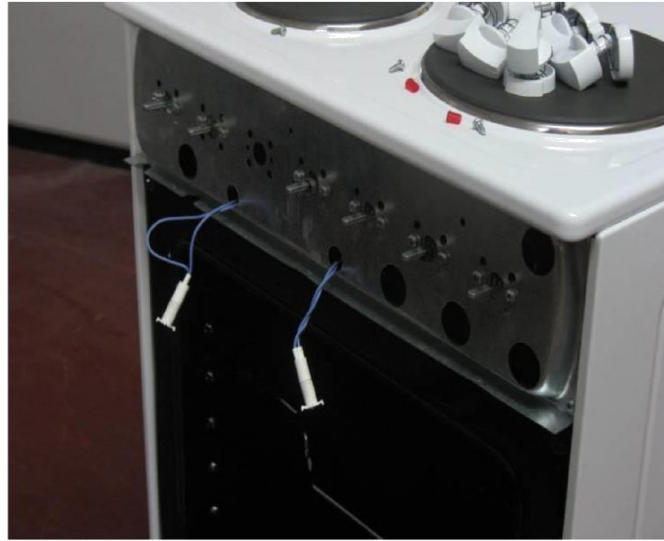
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CHANGING FUNCTION SELECTOR SWITCH

1-Pull off the signal lamp manually - to remove from the panel



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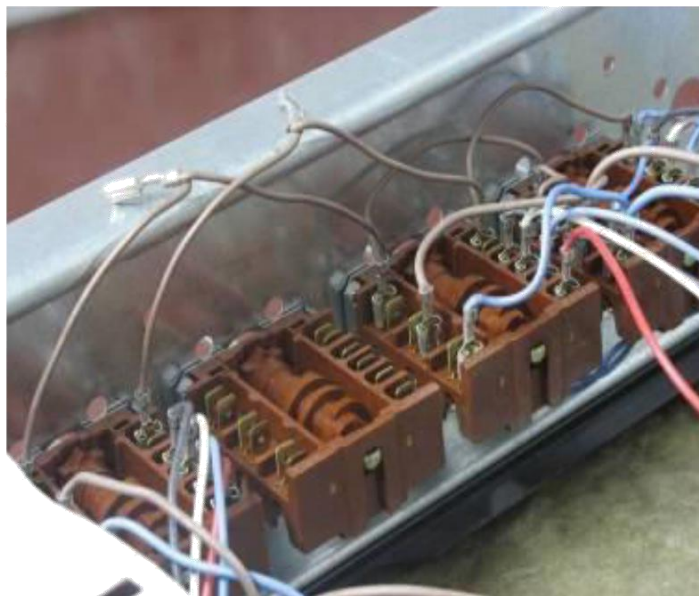
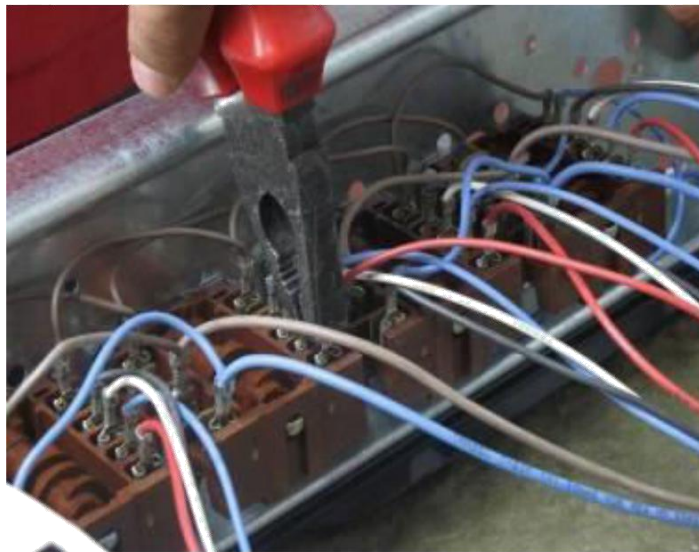


2-On the left; 4 hotplate switches and on the right; function selector switch.



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3-Remove wiring contacts out of the switch ; by a nipper.
(While reassembling the wirings, please refer to circuit diagrams)

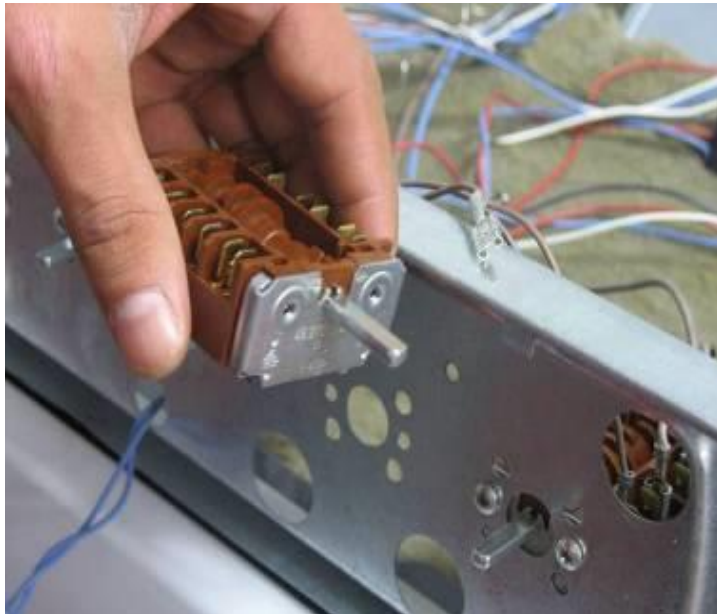


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4-Then unscrew the switch from the inner panel

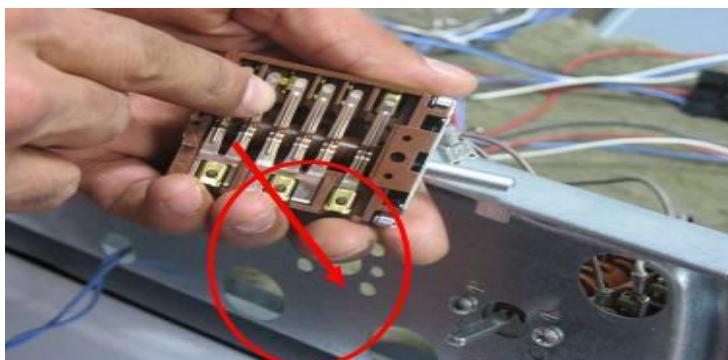


5-Please hold the switch from its surroundings - not from its top and bottom surfaces



Do not compress the bottom plates of switch !

6-In this case, you may cause short circuit and switch may not work correctly.



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CHANGING ELECTRIC COOKTOPS AND HOTPLATES

a) Changing Cooktop (with Metal Lid)

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



Pull off the **plastic cooktop hinge counterparts**.



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2-then slightly hold up the cooktop from backwards



If you try to remove cooktop suddenly ; this may cause the connections get harmed !

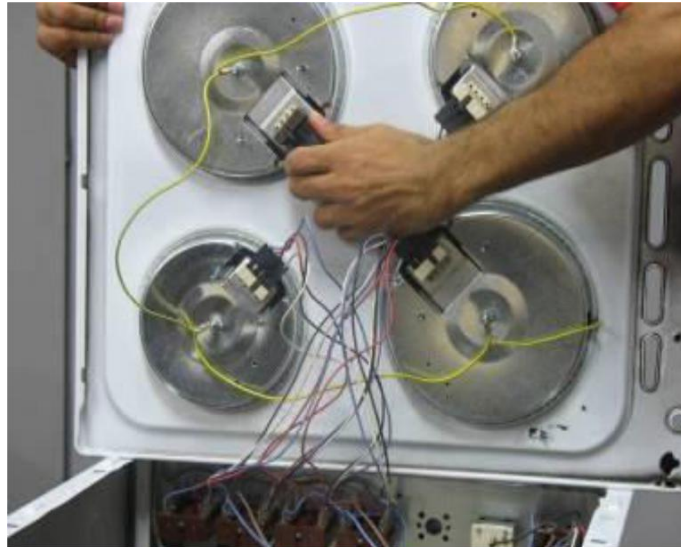


3-Take off the **earthing cable** terminal from the rear-left hotplate heater



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4-Take off the wiring sockets from each hotplate heater.



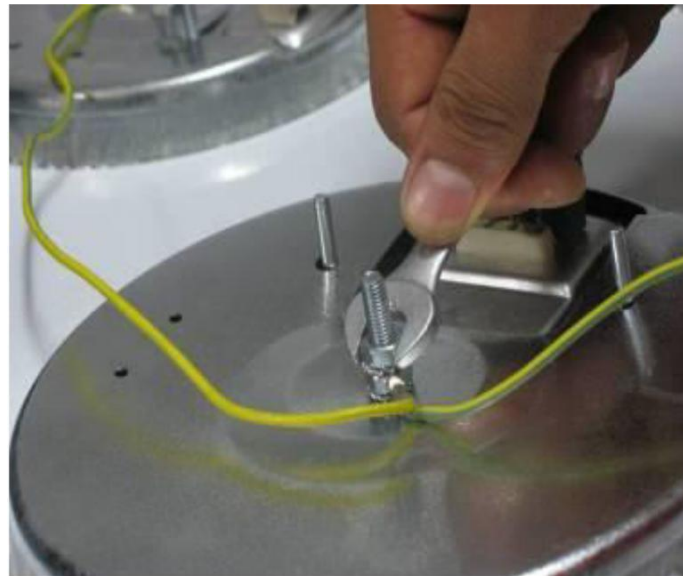
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5-Then the cooktop becomes free.

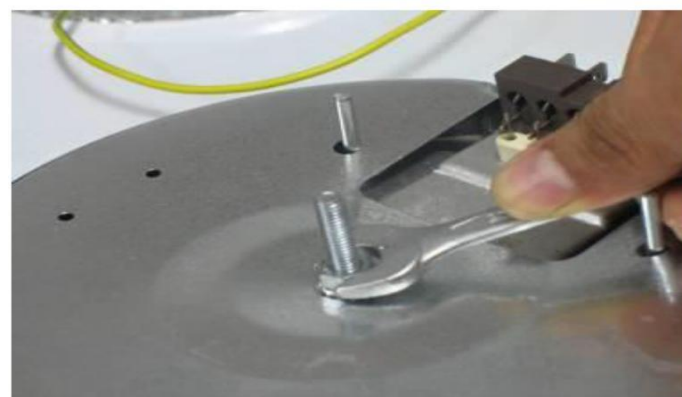
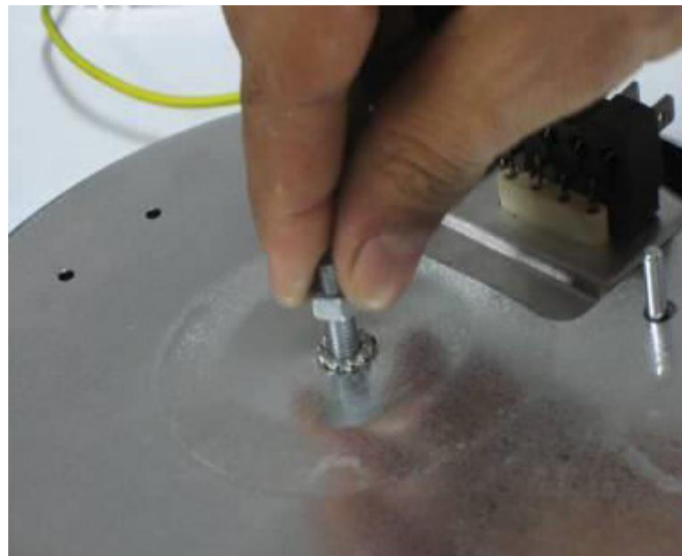


CHANGING HOTPLATE ELEMENTS

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



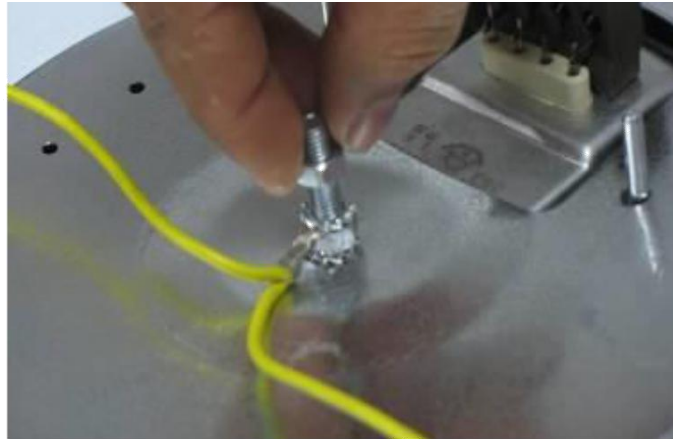
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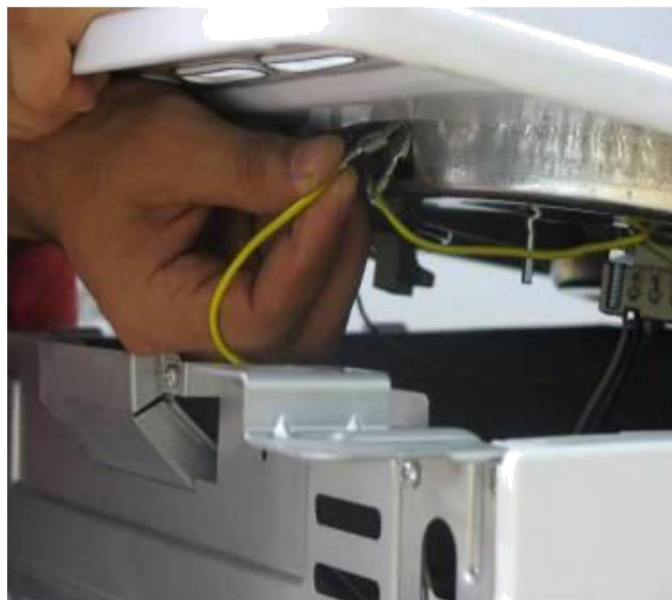
Repeat the same procedure backwards when assembling the hotplates again.

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

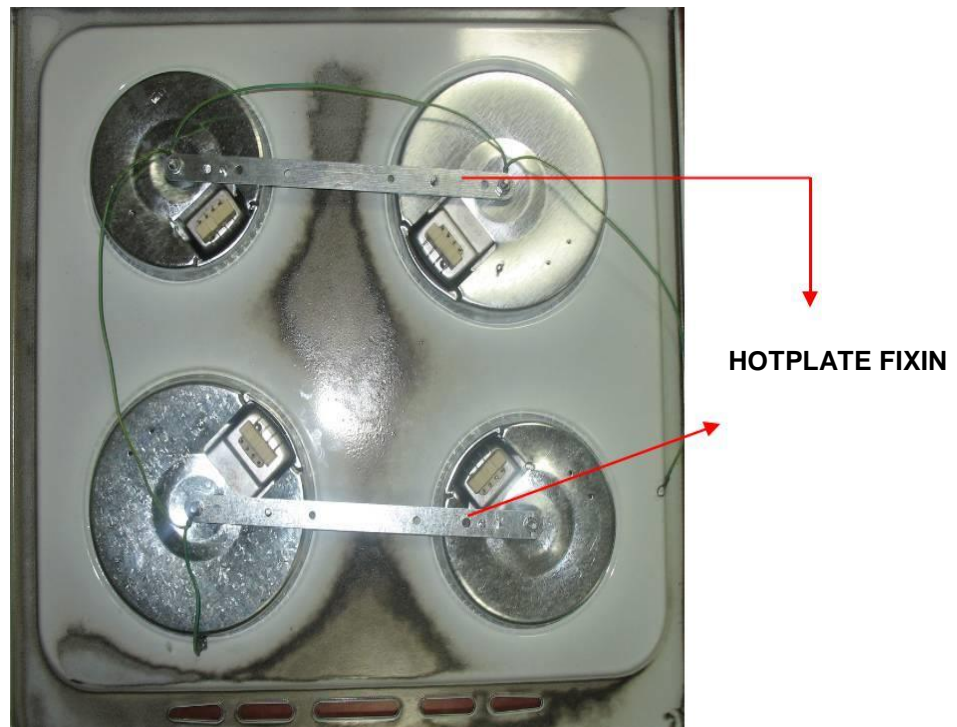


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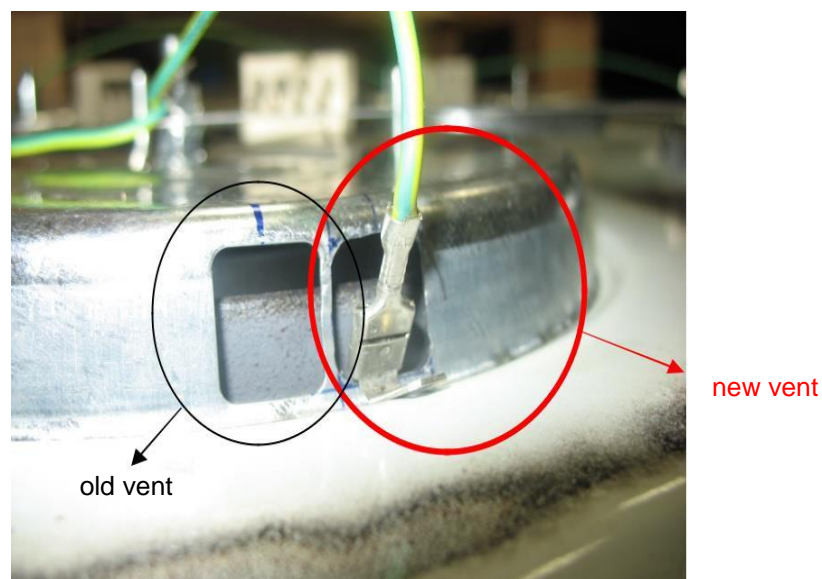


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**For productions after 2008 ;
HOTPLATE FIXING ELEMENTS (37008787) MUST BE SCREWED
AS SHOWN BELOW :**



Ø 8 hotplate housing earthing vent is moved on the new cookers
We do not recommend to use hotplate fixing brackets on old cookers.



CHANGING OVEN ELECTRICAL HEATING ELEMENTS

1. Ring (Circular) Heating Element :

Unscrew the ring heating element from the rear of cavity.



Pull out the wiring connections manually. The ring heater will be free then.

2. Top & Grill Heating Element :

Remove **Top heating element bulb bracket** manually (at middle)



FREESTANDING OVEN ELECTRIC SERVICE MANUAL

Unscrew the top&grill heating element from the rear of cavity.



Pull out the wiring connections manually. The ring heater will be free then.

3. Bottom Heating Element :

1- Pull off the terminals of bottom heating element.



FREESTANDING OVEN ELECTRIC SERVICE MANUAL



2-Take up the wrapping insulation (rockwool) slightly ,
then unscrew the right and left connections of bottom heating element.



3-Press down the bottom heating element cover, then pull slightly backwards.

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4-Hold up the heating element slightly and take out.



Repeat this procedure backwards ; to replace the component.

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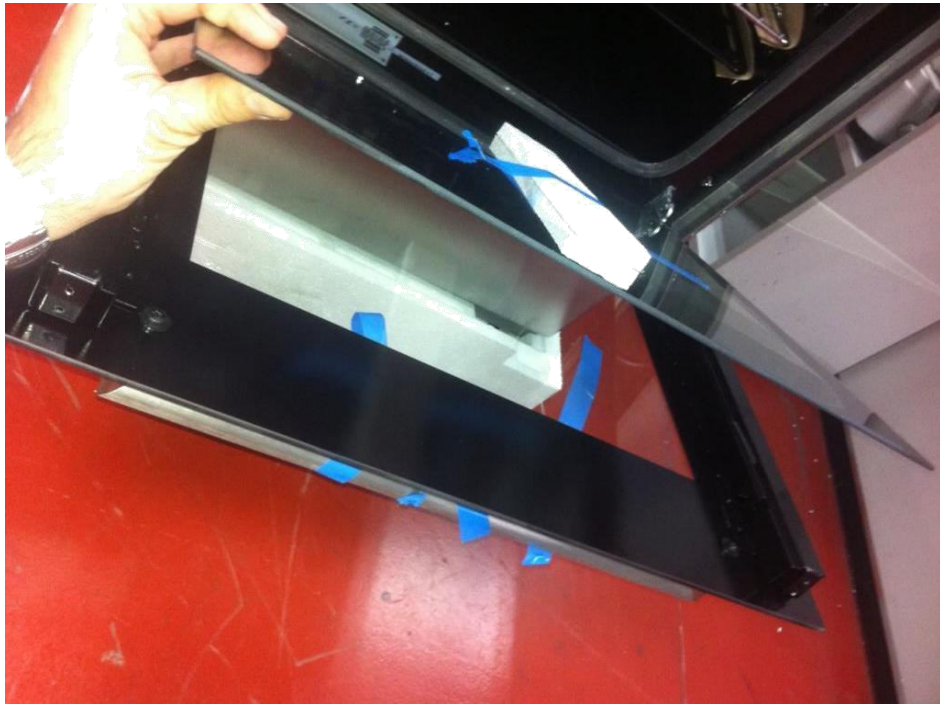
REMOVING THE INNER GLASS ON PROFILE OVEN DOOR

Unscrew the shown 2 screws at the Picture.



Take the glass out for cleaning.

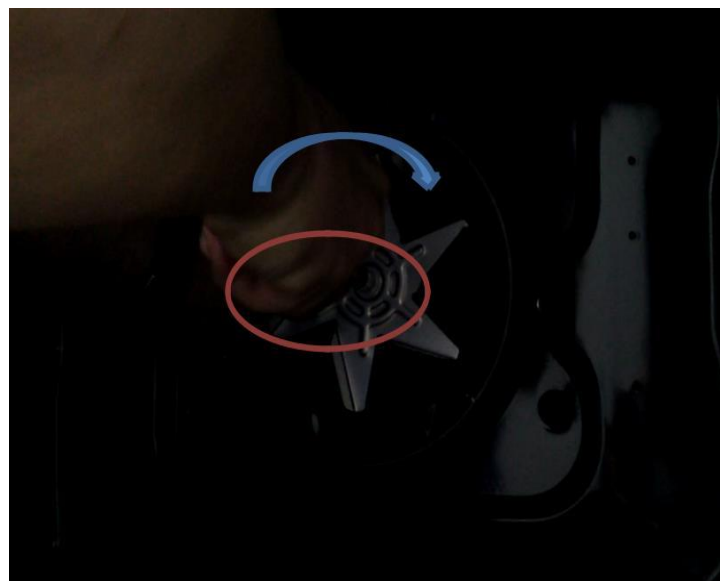
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Repeat the procedure backwards to assembly the glass.

DISASSEMBLY OF FAN MOTOR

Disassemble the nut as below direction to remove.



After that, remove the screws which hold fan motor.

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CHANGING HEATING ELEMENTS & HOT SURFACE INDICATOR LIGHTS

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



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



Put the heating element on a smooth surface,
then take off the heating element assembly spring and bracket.



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The numbers on the heating element ;
a) refer to the mounting holes of bracket&spring
b) must match with numbers on the bottom cover of hob



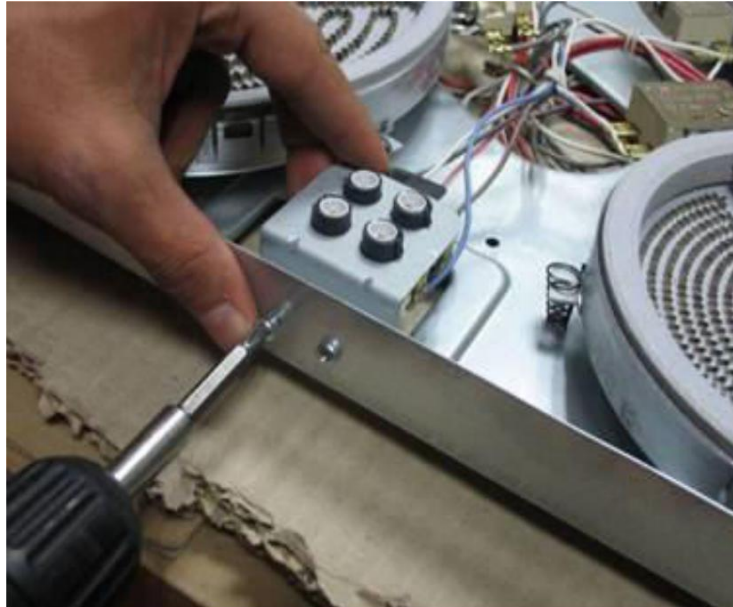
Now you may change the heating element with a new one.



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How to Change the Hot Surface Indicator Light Group :

Unscrew the indicator light group (with wiring)



Then detach the silicone cable



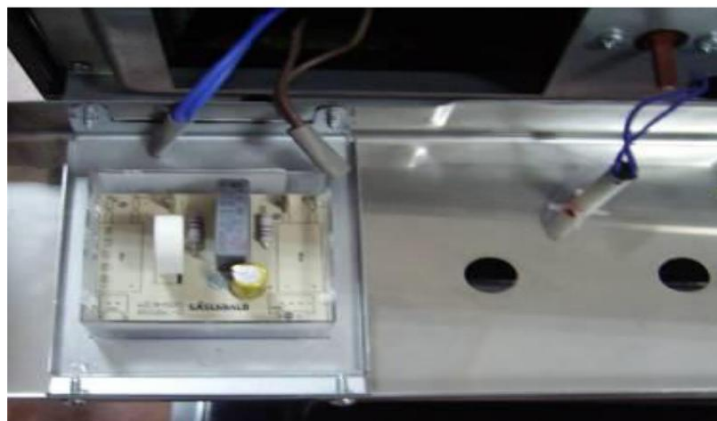
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Remove **hot surface indicator group (with wiring)** and change with a new group.



CHANGING DIGITAL TIMER

Pull off the cable contacts from Digital timer



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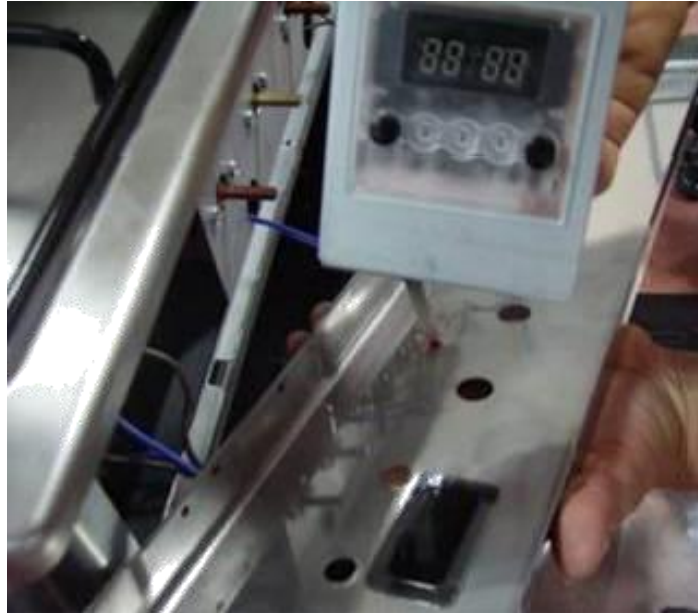


Correct the position of timer and check if problem solved.



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If still not solved ; change the timer buttons.



If problem can not be solved; change digital timer.

CHANGING MECHANICAL TIMER

Remove front panel and then unscrew the mechanical timer.



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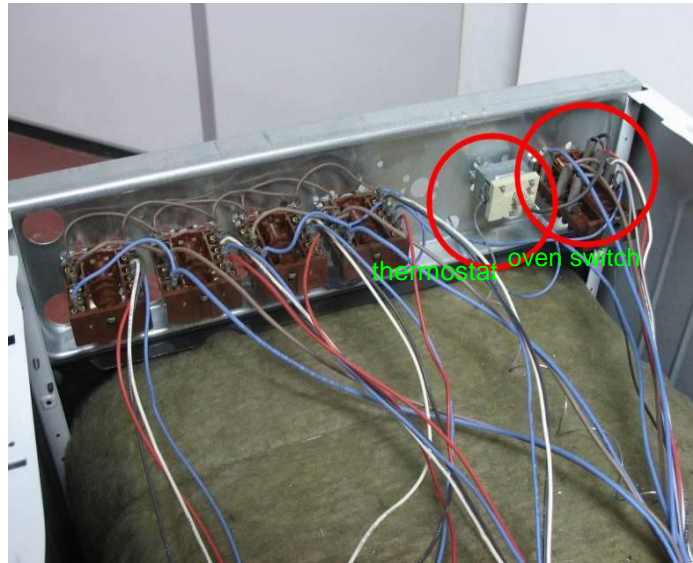
CHANGING THERMOSTAT

Pull off the signal lamp manually - to remove from the panel

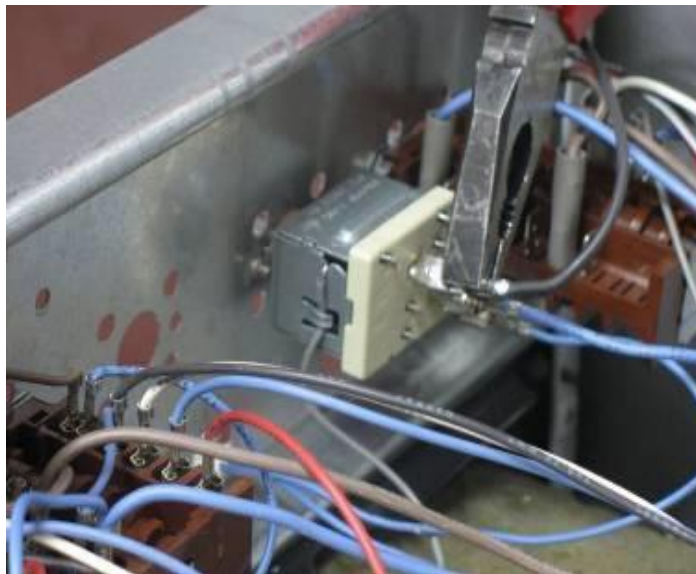


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Thermostat and oven switch is placed on the left side of the cooker.



Remove wiring connections by a nipper

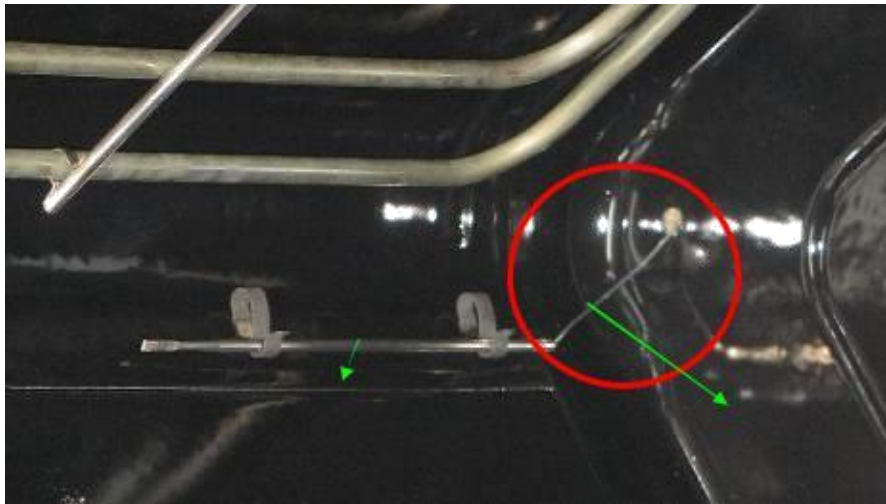


Unscrew the thermostat from the inner panel



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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.

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**HANDLE PROBLEMS**

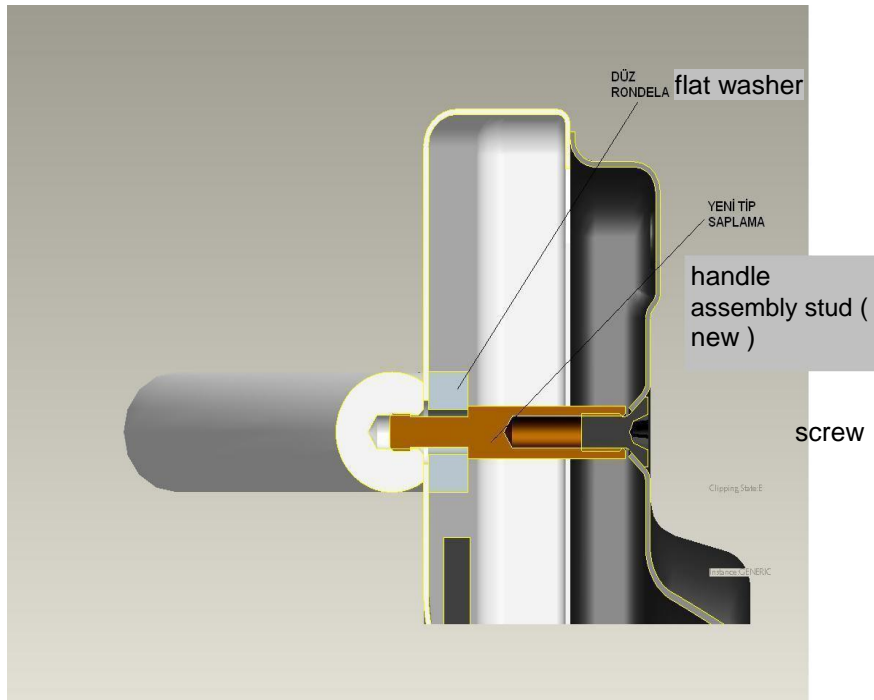
If handle is loose ; replace and tighten it. If not solving ; change with a new one



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HANDLE ASSEMBLY TYPES :

3D SOLID TYPE OVEN DOOR HANDLE ASSEMBLY

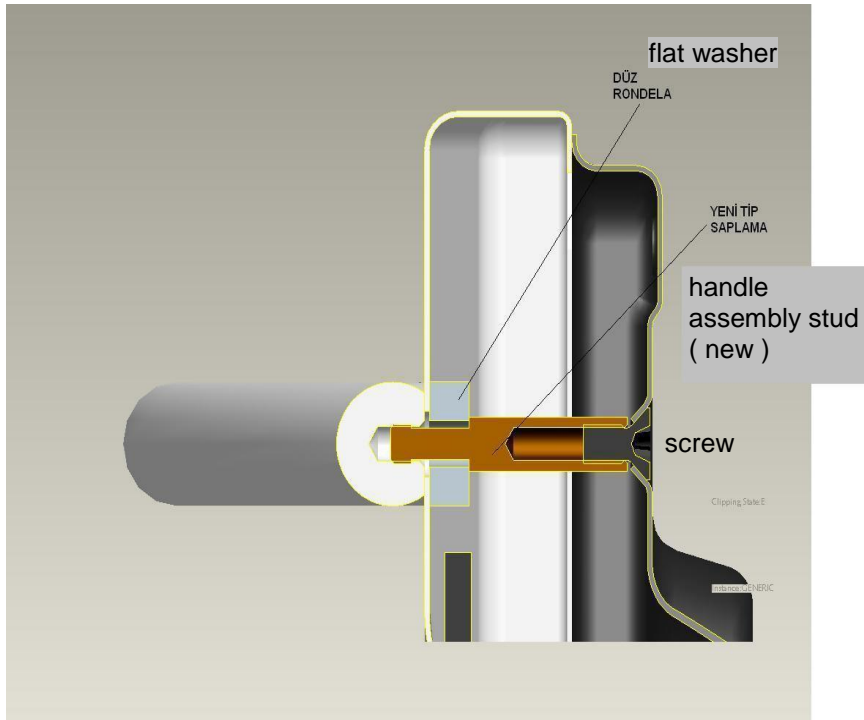


SOLID TYPE OVEN DOOR HANDLE ASSEMBLY



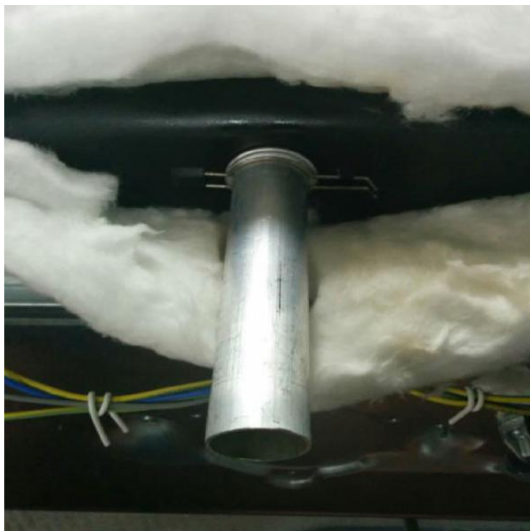
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INNER COVER OVEN DOOR HANDLE ASSEMBLY

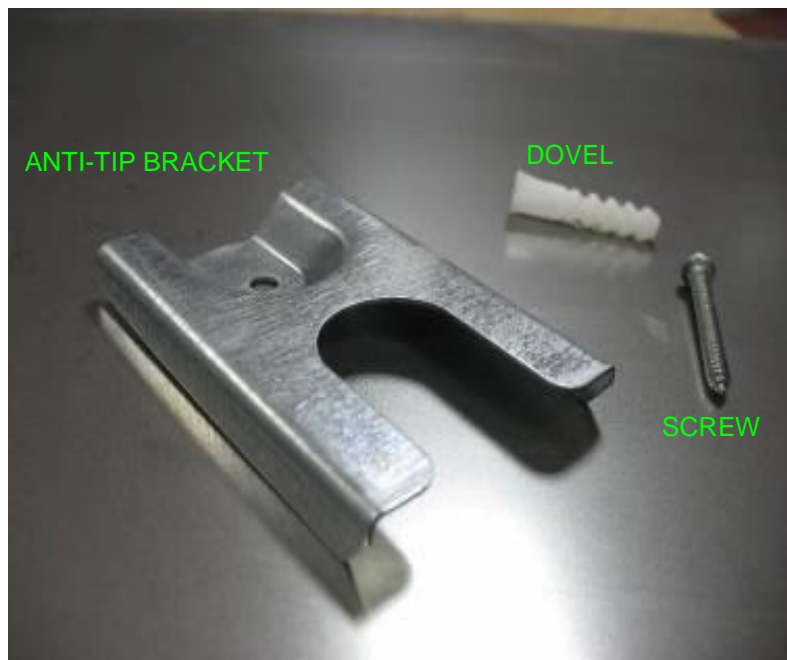


CHANGING ELECTRIC EXHAUST

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



ASSEMBLY OF ANTI TIP BRACKET



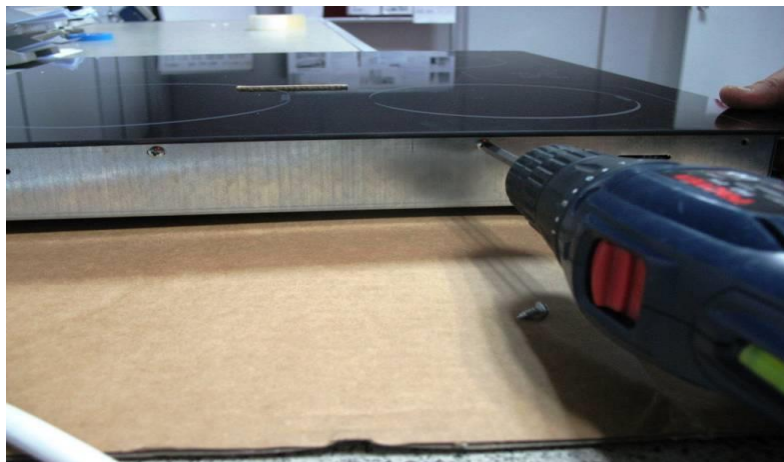
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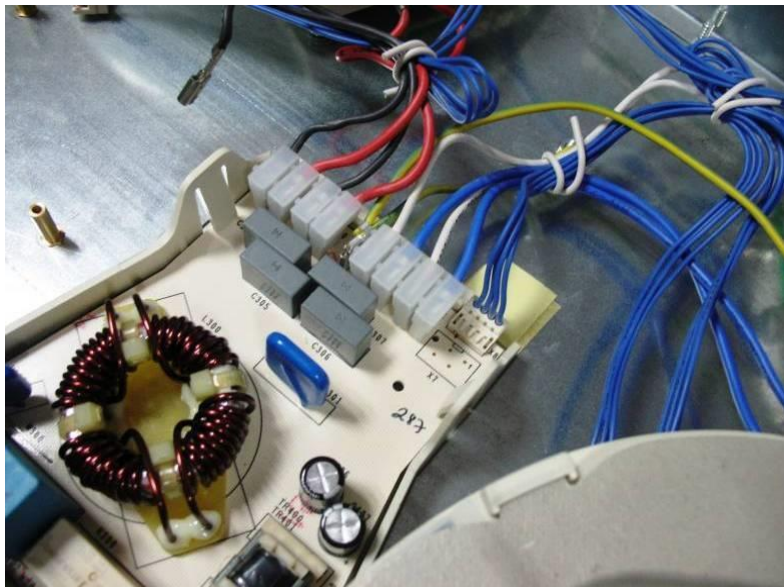
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CHANGING CONNECTION UNIT OF INDUCTION HOBS

Unscrew all surrounding screws of hob :

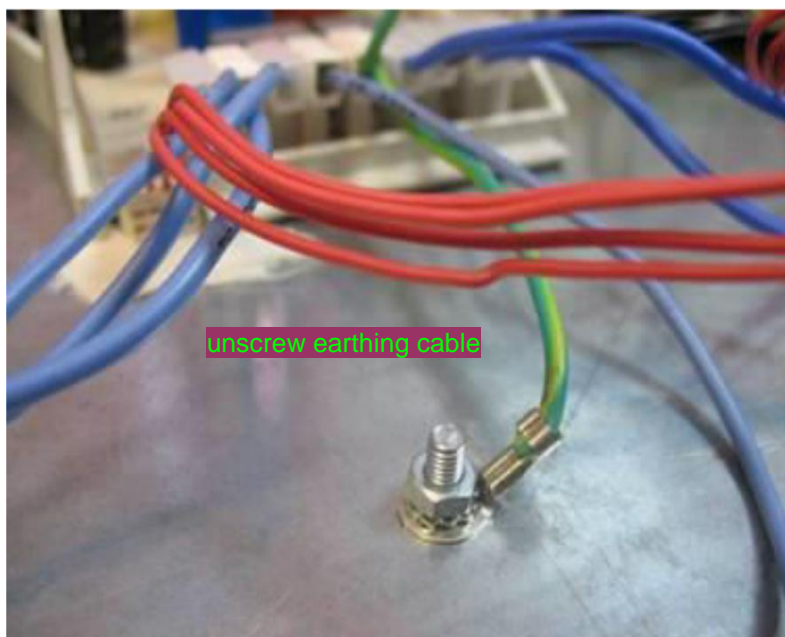
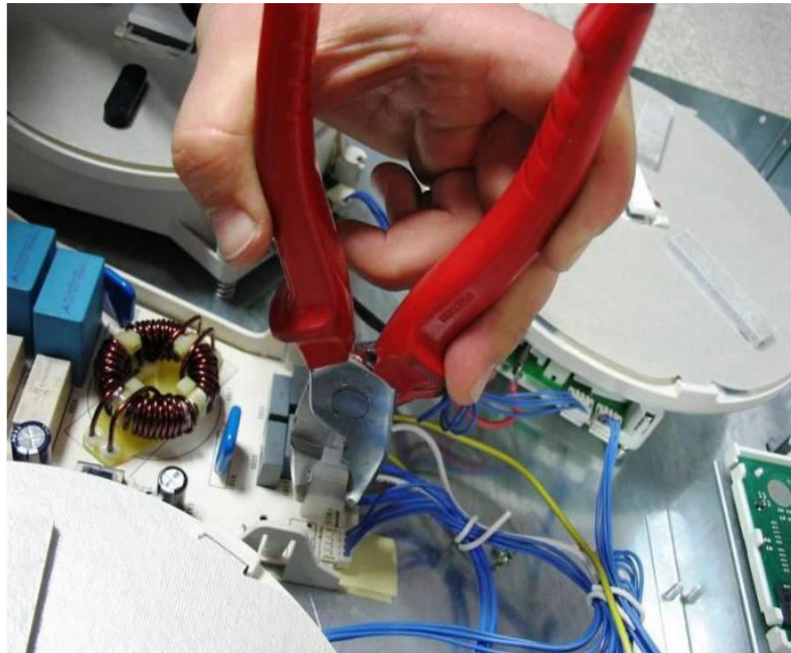


Remove all wirings connected :



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While reassembling please refer to circuit diagrams



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Press on the hooks of connection unit (*WITH A SCREWDRIVER*)



You may remove and change connection unit.

CHANGING HEATING ELEMENT (IHE) & TOUCH CONTROL UNIT

Unscrew all surrounding screws of hob.

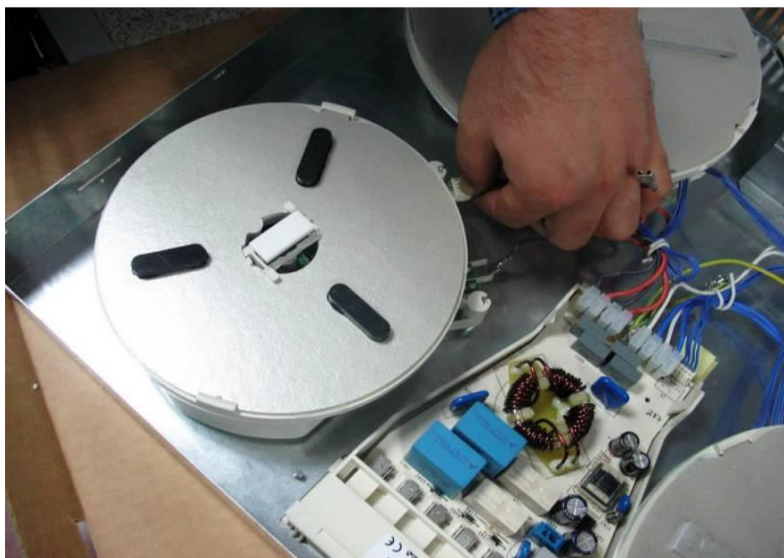
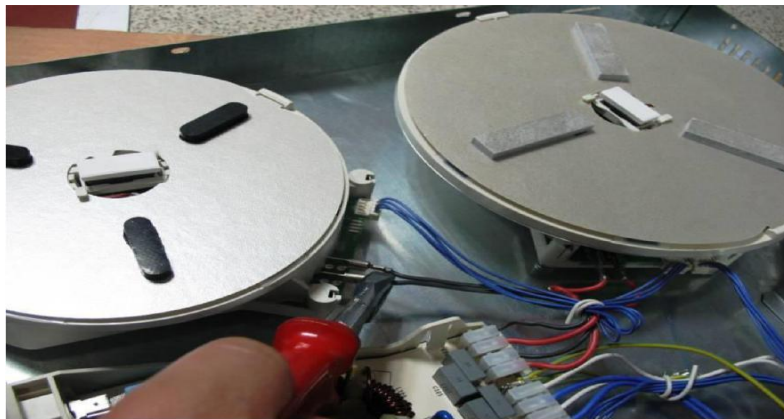


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Remove ceramic glass of hob

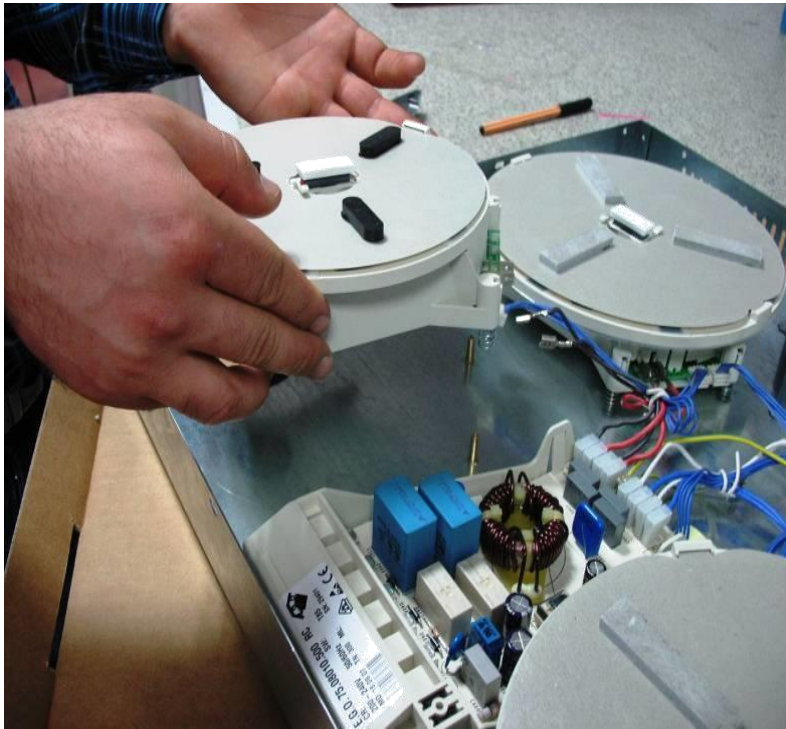


Pull off terminal connections on the heating element (IHE)



Remove heating element and change with another if necessary.

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To change the **touch control unit** ; remove connected wirings



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TERMINAL CONNECTION

There is a circuit diagram on terminal box. It could be changed.



Press on the hooks of connection unit for opening terminal box.



Check wiring or change according to sticker on terminal box



P.S. While reassembling please refer to circuit diagrams

INDUCTION ERROR CODES

How can you identify if your product is series 1 or series 2?

The product description (It can be seen in the labels.) given below is created based on the specific features of the product. Here, the 8th digit indicates whether the product is series 1 or series 2. If the 8th digit is 5, it means that the product is serial2, and if it is 4, it means that the product is serial1. As an example;

- GI66O32**5**21 = Series 2
- GI90O26**4**21 = Series 1

COMMON ERROR CODES

Error Code	Possible Cause	Step 1	Step 2	Step 3	Step 4
E1	Fan cable is damaged or disconnected.	Check fan's cable, socket connections or fan socket on the power board. Solved?	Change the fan. Solved?	Please change the power board.	
E2	Heater is overheated.	Stay the cool down the heater for a while. Solved?	Change the related induction heater. Solved?	Change the power board.	
E3	Supply voltage is out of the operating range.	Check if the supply voltage is in the operating range. Check the supply cable connection is fitted to the terminal box or power board. Solved?	Change the main board.		
E4	Supply frequency is out of the range. If the supply frequency is 50Hz; 48Hz < Frequency < 52Hz If the supply frequency is 60Hz; 58Hz < Frequency < 62Hz	Ensure that mains frequency is correct. Check the frequency of the main system. Solved?	E4 error is shown when hob frequency is different from mains frequency. You could check inductors to know 50 Hz or 60 Hz. If there is not any difference between mains and hob, turn off it and start again.		
E5	Hob internal temperature is too high.	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Stay the cool down the product for a while. Solved?</div> <div style="border: 1px solid black; padding: 5px;">Check the cooling fan is working properly. Solved?</div>	Change the power board.	Change the cooling fan.	

Error Code	Possible Cause	Step 1	Step 2	Step 3	Step 4
E6	Communication problem between the display card and power board.	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Check the data cable connection is fixed well. Solved?</div> <div style="border: 1px solid black; padding: 5px;">Check the data cable is damaged. Solved?</div>	Change the data cable. Solved?	Change the power board.	
E7	Heater NTC cable connection is open circuited.	Check if the heater NTC connection or heater NTC cable is damaged. Solved?	Change the induction coil. Solved?	Change the power board.	
E8	Heatsink NTC cable connection is open circuited.	Check the heatsink NTC connection or Heatsink NTC cable is damaged. Solved?	Change the power board.		
EC	Supply voltage fluctuation	Check if the supply voltage is in the operating range. Make sure that power grid that the hob is connected is stable.	Check the supply cable connection is fitted to the terminal box or power board. Solved?	Change the main board.	
C1...C8	Microprocessor detects a different value.	Plug it off the product and re-energize it again. Solved?	Change the power board.		

ERROR CODES ONLY FOR SERIES 1

Error Code	Possible Cause	Step 1	Step 2	Step 3
E9	Calibration Error	Temperatures are not balanced with control panel.	A card with updated software should be sent.	
ED	Communication Error in has two display cards	When the product is energized for the first time, energy is transmitted to the key cards from left to right. As soon as the leftmost card is energized, the rightmost card is not calibrated yet, and this error appears when the rightmost card is pressed.	A card with updated software should be sent.	

ERROR CODES ONLY FOR SERIES 2

Error Code	Possible Cause	Step 1	Step 2	Step 3	Step 4
E0	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">If the product does not have power management feature, please follow other steps.</div> <div style="border: 1px solid black; padding: 5px;">If the product has a power management feature, keep going to amper setting.</div>	The display or power board might have wrong software.	Check the codes of the display card and the mainboard via using the service website. Are they correct?	Change the display card. Solved?	Please change the power board.
E9	The cookware is not suitable for our induction working specification or The cookware is moved too quickly to the side and upwards continuously in a short time.	Plug it off the product and re-energize it again.	Use another branded cookware.	Change the relevant induction coil.	
I-	Low quality pan is used.	Use a different branded pan/cookware.			
EA	Heat is suddenly increased in the heater.	Change the cookware. Solved?	Change the induction coil.		