

## **FREESTANDING OVEN ELECTRIC SERVICE MANUAL CONTENTS**

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## **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



## FREESTANDING OVEN ELECTRIC SERVICE MANUAL

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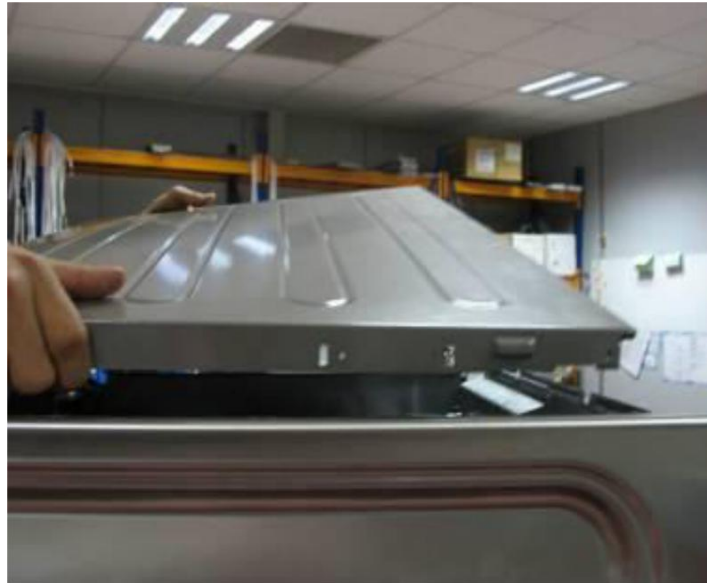
**5-Unscrew the rear panel**



## FREESTANDING OVEN ELECTRIC SERVICE MANUAL

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



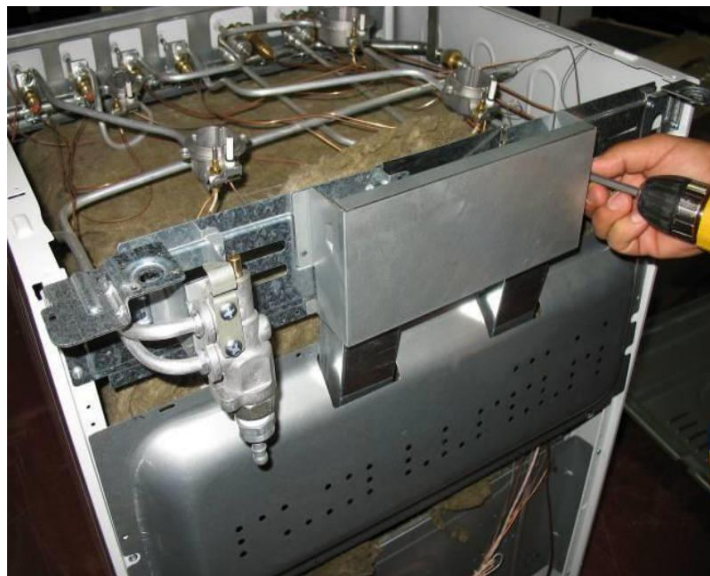
Repeat the same procedure backwards when assembling the new side panel

## **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

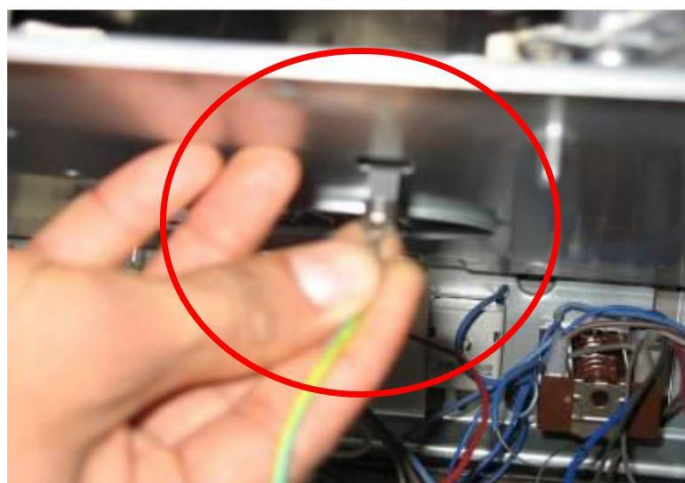


## CHANGING COOKTOP

**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

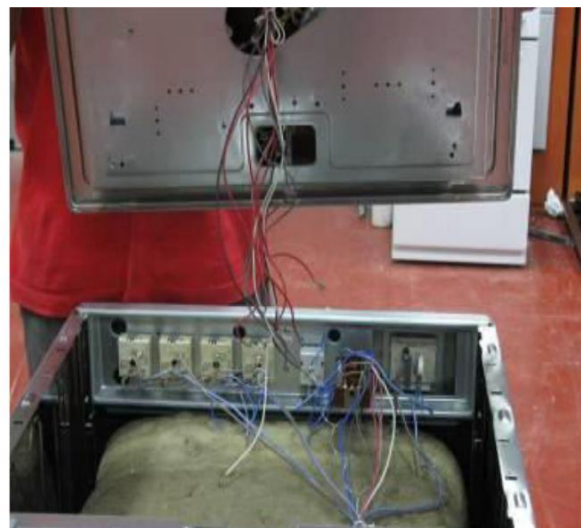
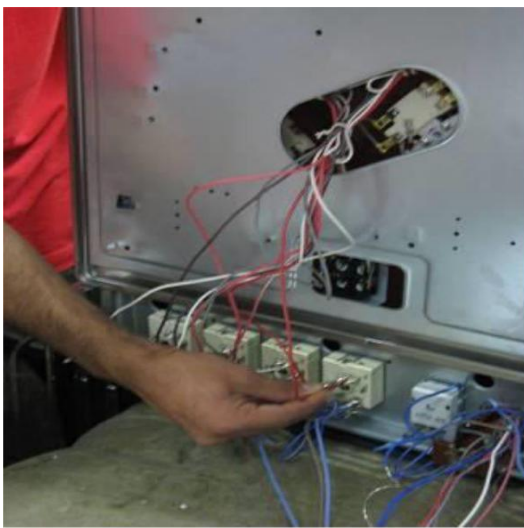


## FREESTANDING OVEN ELECTRIC SERVICE MANUAL

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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.

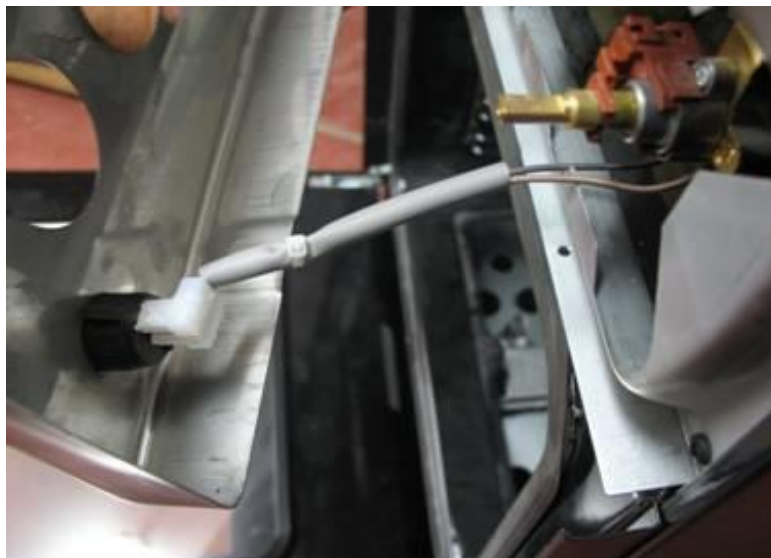


## CHANGING OVEN LIGHT BUTTON / IGNITOR BUTTON

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.***

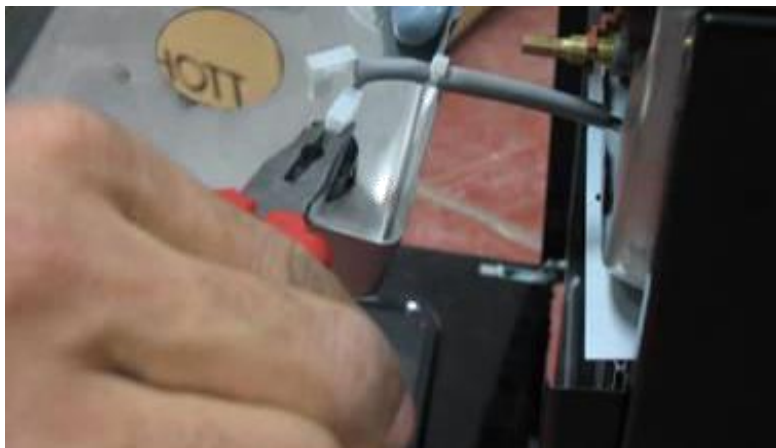


2-Remove the plastic contacts of wiring terminals ( with a nipper )



## FREESTANDING OVEN ELECTRIC SERVICE MANUAL

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



## FREESTANDING OVEN ELECTRIC SERVICE MANUAL

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

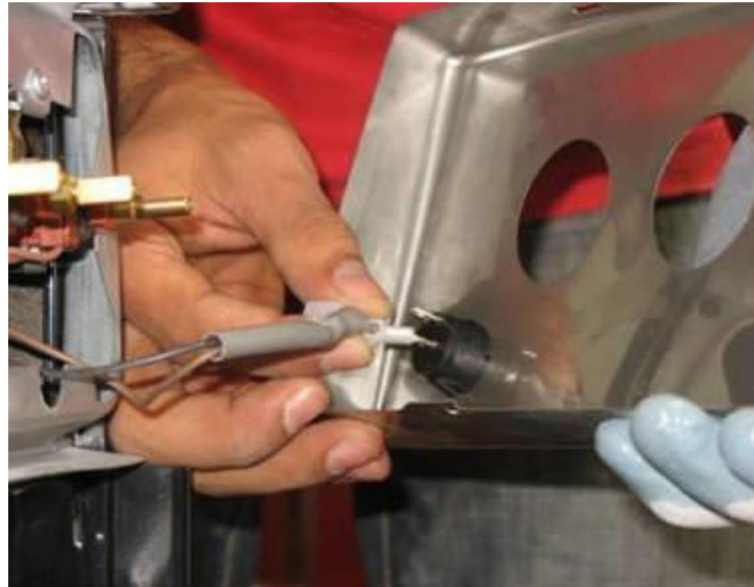


***Reassemble the wiring terminals to button ;***

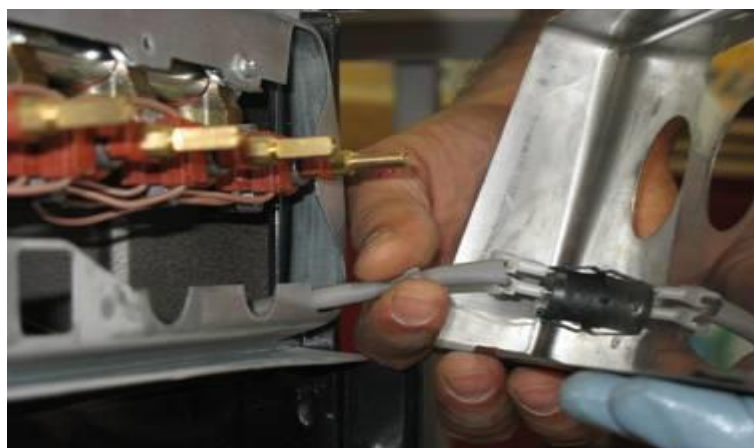
## FREESTANDING OVEN ELECTRIC SERVICE MANUAL

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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.*



## 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



## FREESTANDING OVEN ELECTRIC SERVICE MANUAL

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



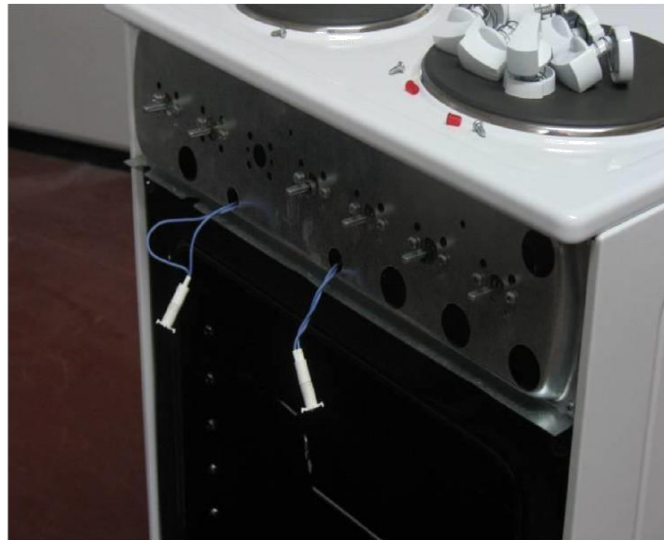
## CHANGING FUNCTION SELECTOR SWITCH



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



# FREESTANDING OVEN ELECTRIC SERVICE MANUAL



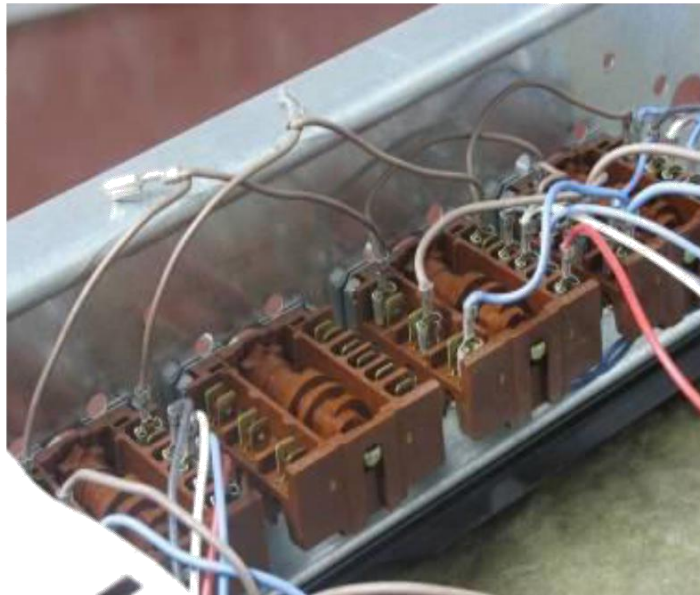
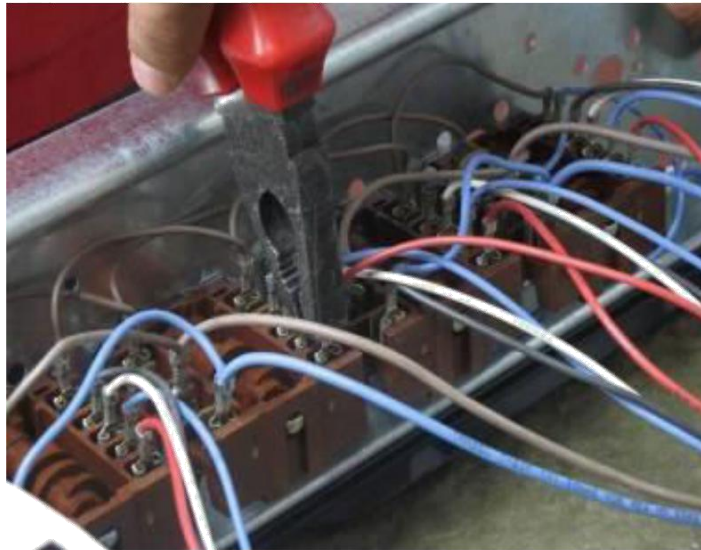
**2**-On the left; 4 hotplate switches and on the right; function selector switch.



## FREESTANDING OVEN ELECTRIC SERVICE MANUAL

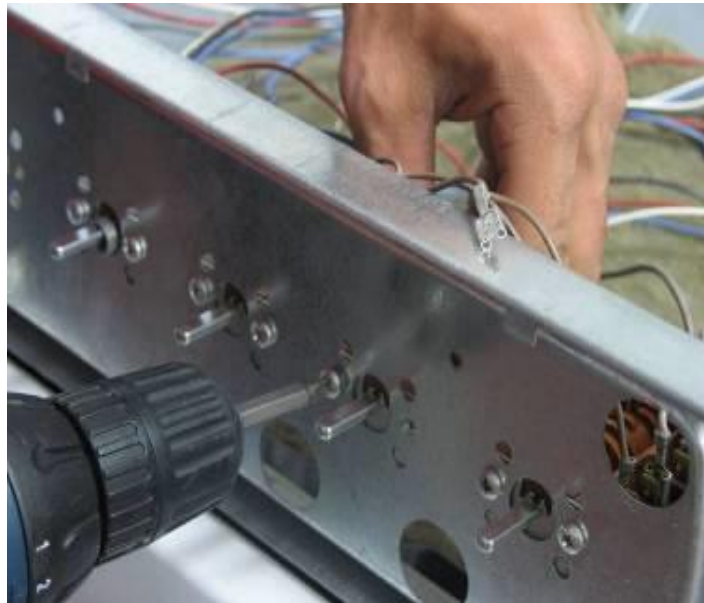
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**3-**Remove wiring contacts out of the switch ; by a nipper.  
( While reassembling the wirings, please refer to circuit diagrams )

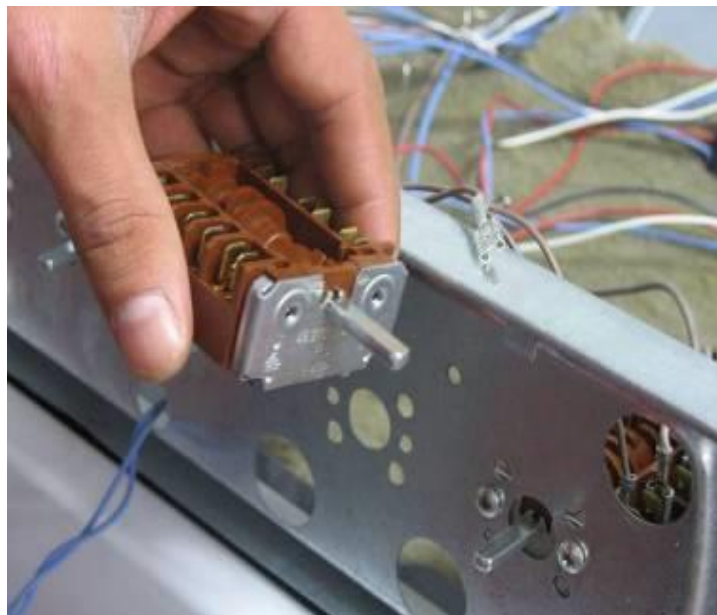


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**4-**Then unscrew the switch from the inner panel

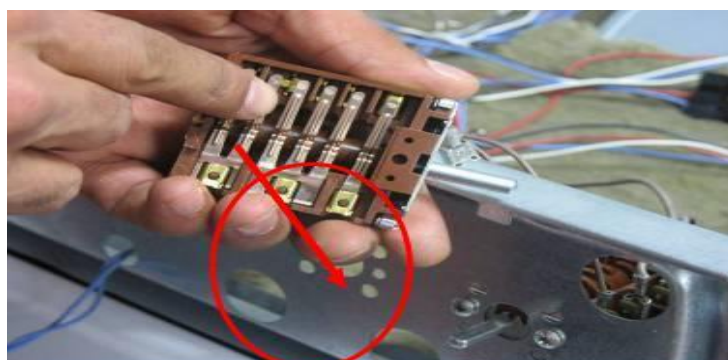


**5-**Please hold the switch from its surroundings - not from its top and bottom surfaces



**Do not compress the bottom plates of switch !**

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



## 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**.



## FREESTANDING OVEN ELECTRIC SERVICE MANUAL

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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 !*



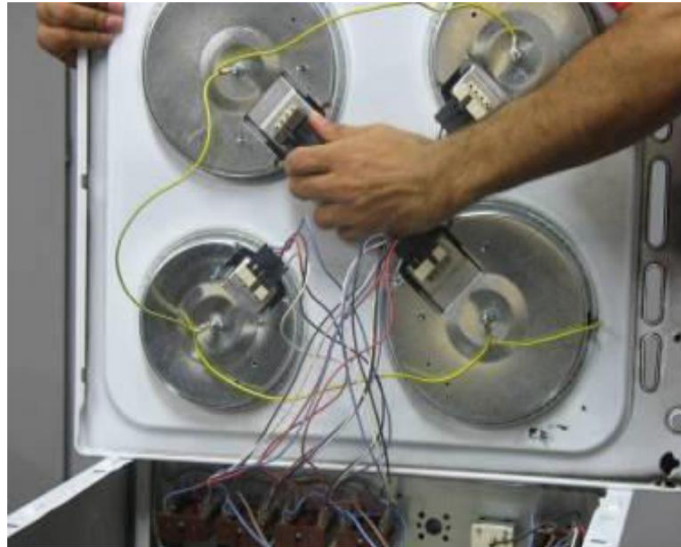
**3-**Take off the **earthing cable** terminal from the rear-left hotplate heater



## FREESTANDING OVEN ELECTRIC SERVICE MANUAL

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

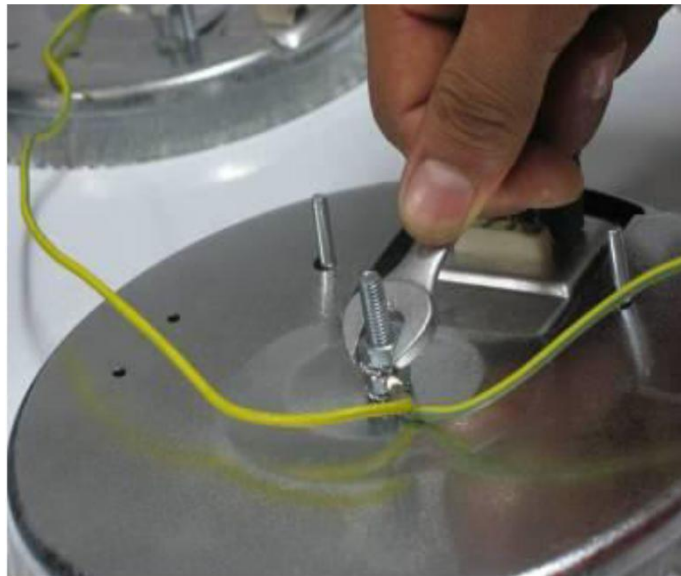


**5-**Then the cooktop becomes free.



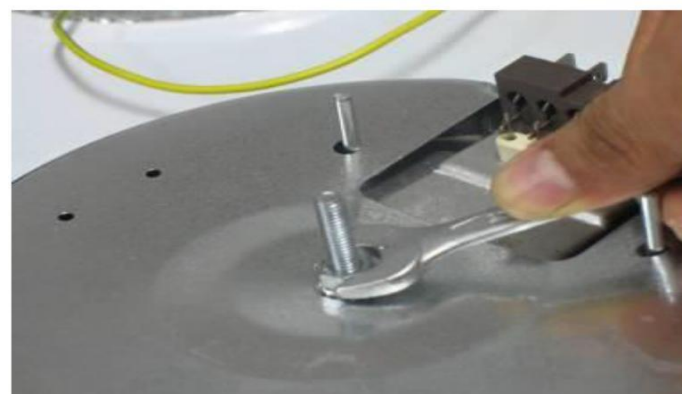
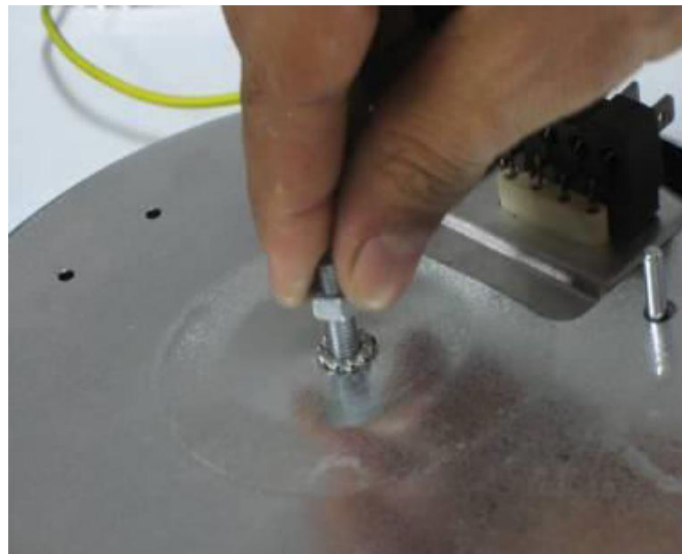
## **CHANGING HOTPLATE ELEMENTS**

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



## FREESTANDING OVEN ELECTRIC SERVICE MANUAL

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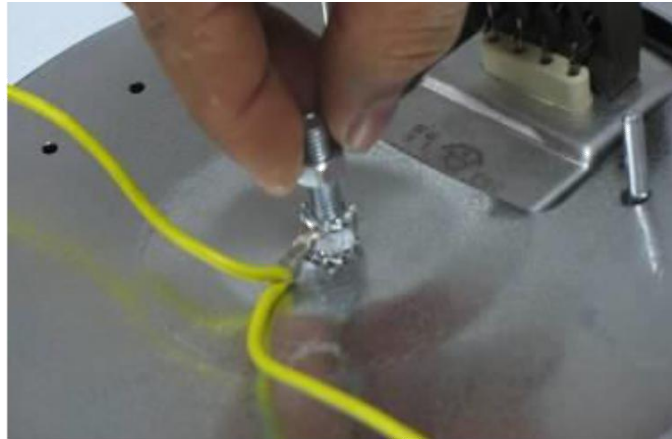


Repeat the same procedure backwards when assembling the hotplates again.

## FREESTANDING OVEN ELECTRIC SERVICE MANUAL

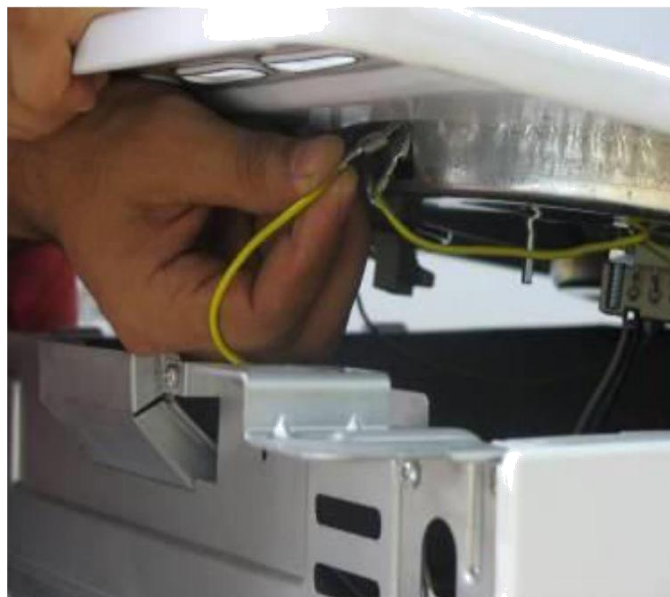
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Attention: the connections must be **tightened** - in order to fixate the hotplates.

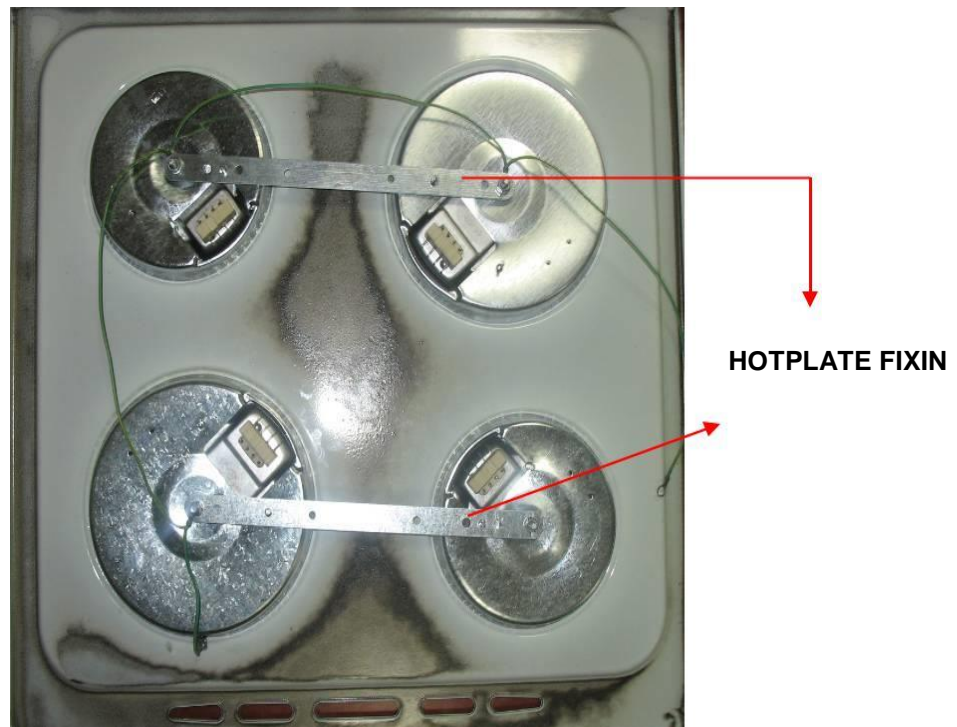


# FREESTANDING OVEN ELECTRIC SERVICE MANUAL

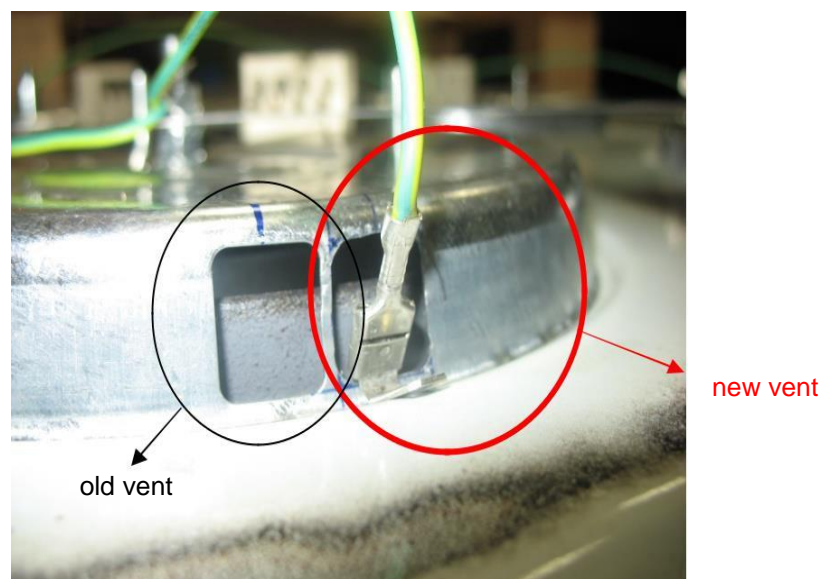
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**For productions after 2008 ;**  
**HOTPLATE FIXING ELEMENTS ( 37008787 ) MUST BE SCREWED**  
**AS SHOWN BELOW :**



**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

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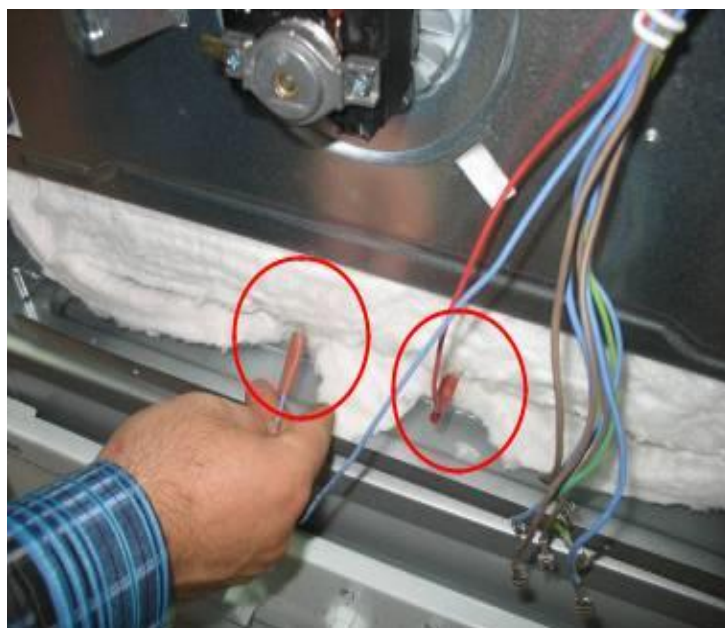
Unscrew the top&grill heating element from the rear of cavity.



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.





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

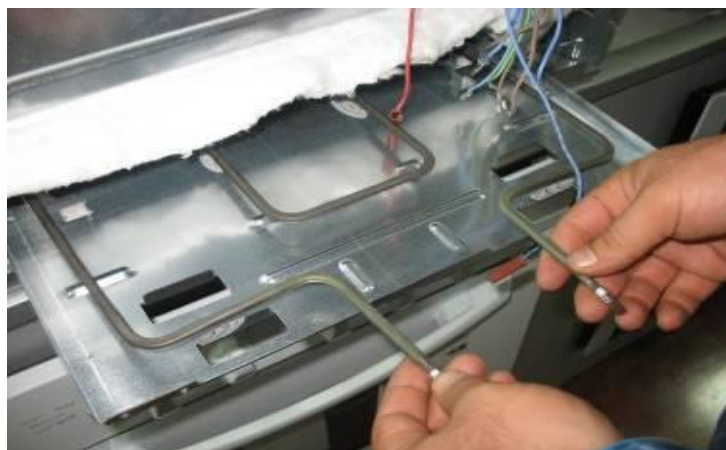


**3**-Press down the bottom heating element cover, then pull slightly backwards.

## FREESTANDING OVEN ELECTRIC SERVICE MANUAL



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



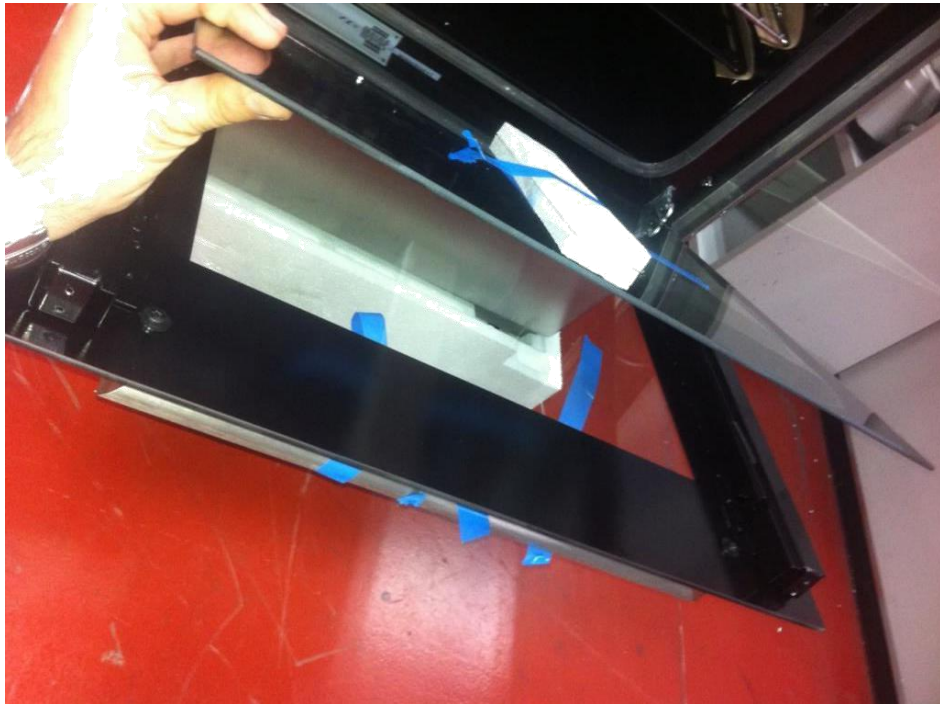
Repeat this procedure backwards ; to replace the component.

## REMOVING THE INNER GLASS ON PROFILE OVEN DOOR

Unscrew the shown 2 screws at the Picture.



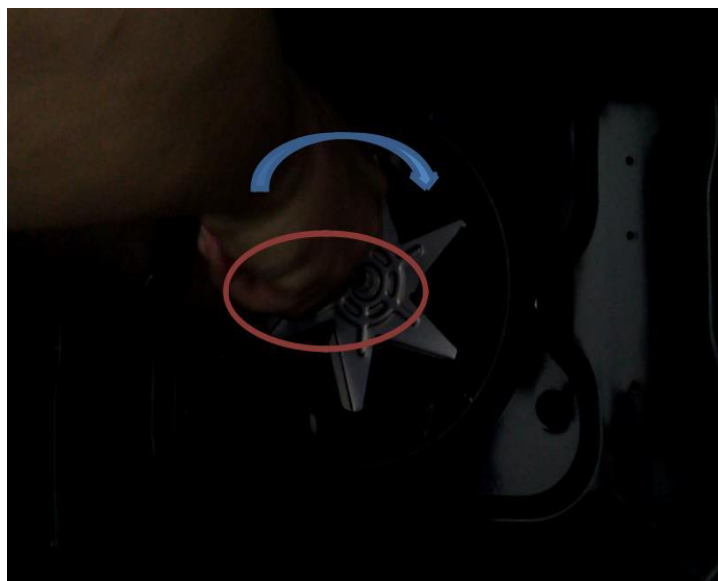
Take the glass out for cleaning.



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.

## **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.



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.



## FREESTANDING OVEN ELECTRIC SERVICE MANUAL

### How to Change the Hot Surface Indicator Light Group :

Unscrew the indicator light group ( with wiring )



Then detach the silicone cable



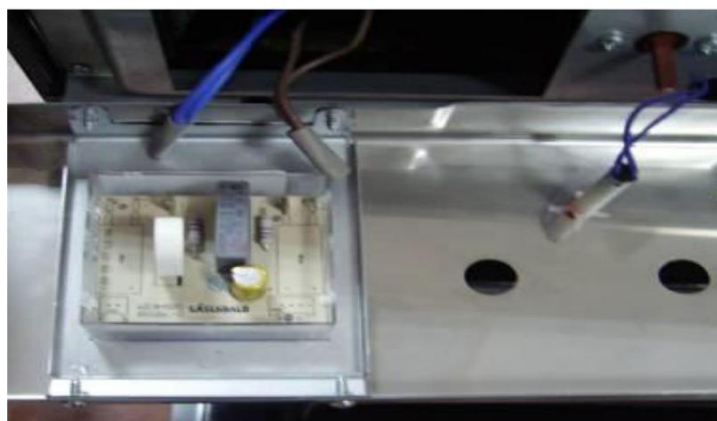
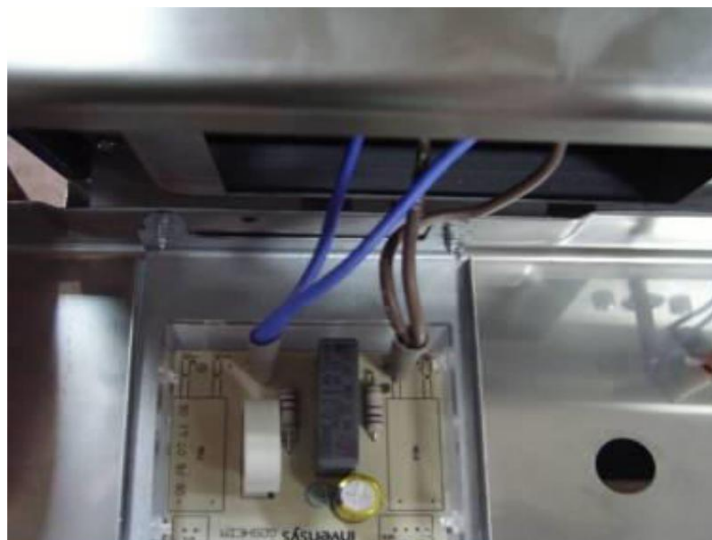
## FREESTANDING OVEN ELECTRIC SERVICE MANUAL

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



### **CHANGING DIGITAL TIMER**

Pull off the cable contacts from Digital timer



## FREESTANDING OVEN ELECTRIC SERVICE MANUAL

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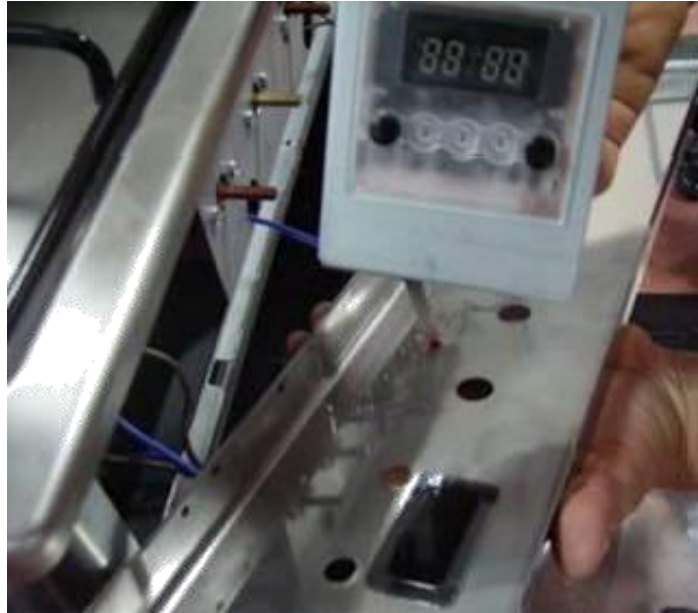
Correct the position of timer and check if problem solved.



## FREESTANDING OVEN ELECTRIC SERVICE MANUAL

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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.



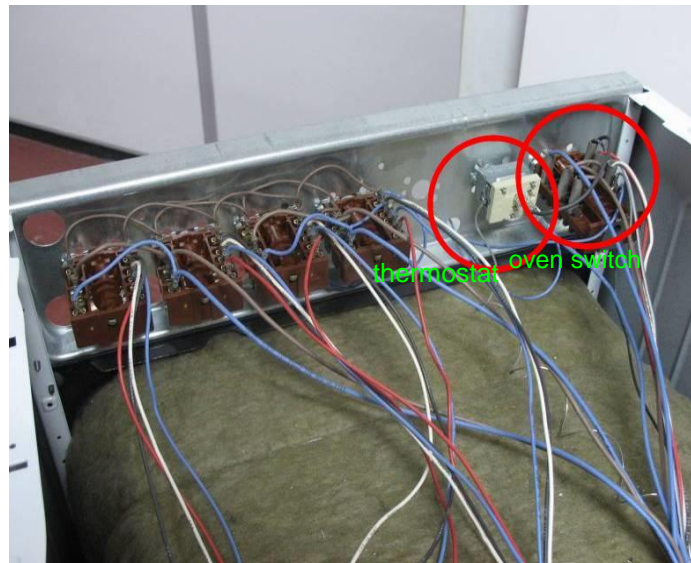
**CHANGING THERMOSTAT**

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

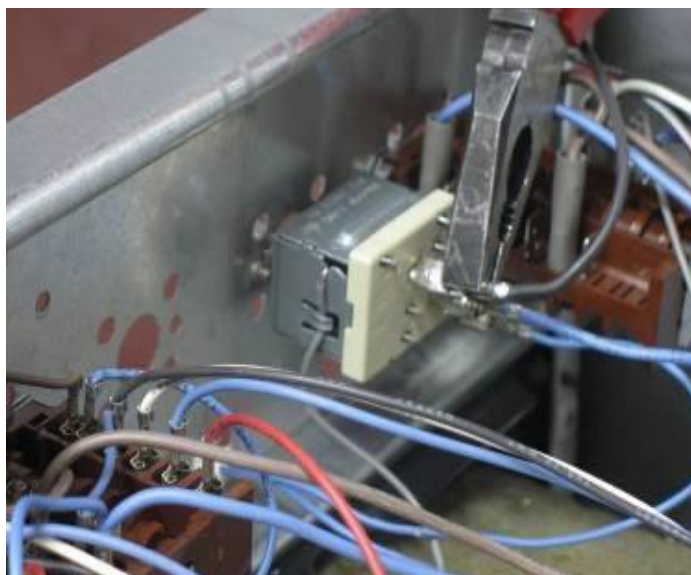


## FREESTANDING OVEN ELECTRIC SERVICE MANUAL

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



Remove wiring connections by a nipper



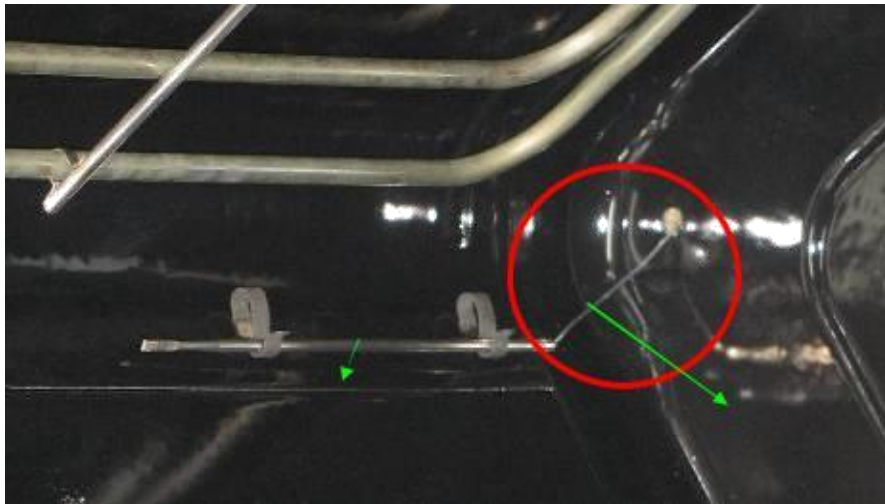
Unscrew the thermostat from the inner panel



## FREESTANDING OVEN ELECTRIC SERVICE MANUAL

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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.

## FREESTANDING OVEN ELECTRIC SERVICE MANUAL

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### **HANDLE PROBLEMS**

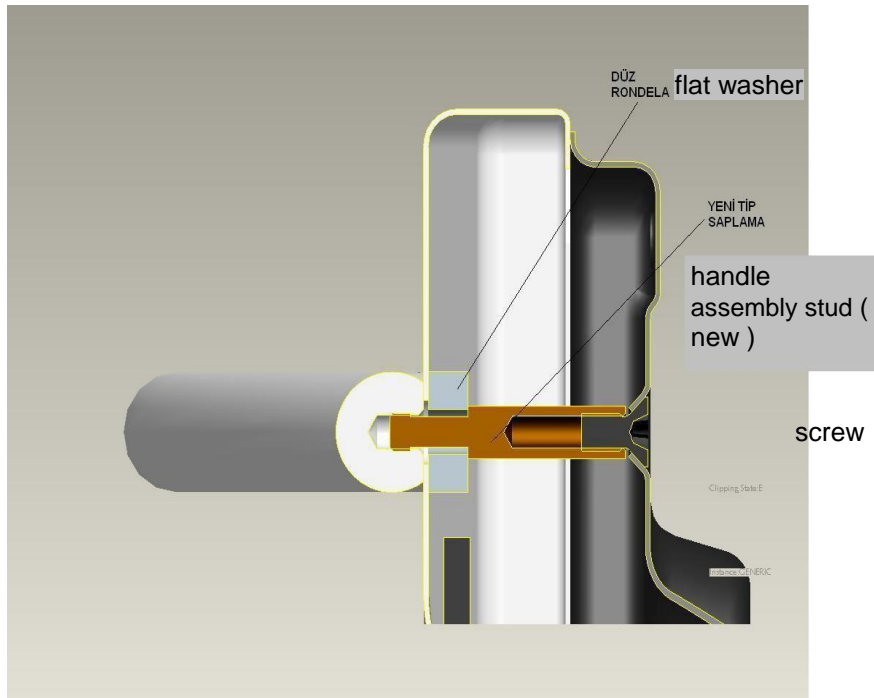
If handle is loose ; replace and tighten it. If not solving ; change with a new one



# FREESTANDING OVEN ELECTRIC SERVICE MANUAL

## HANDLE ASSEMBLY TYPES :

### 3D SOLID TYPE OVEN DOOR HANDLE ASSEMBLY

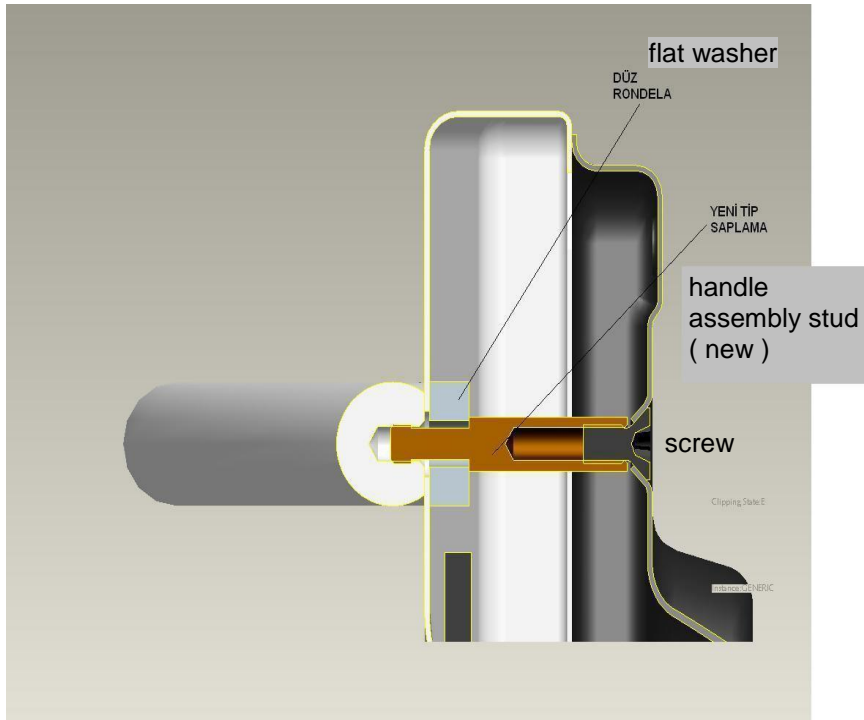


### SOLID TYPE OVEN DOOR HANDLE ASSEMBLY



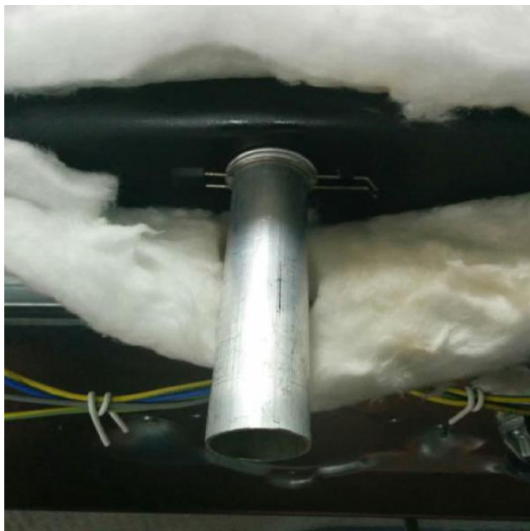
# FREESTANDING OVEN ELECTRIC SERVICE MANUAL

## INNER COVER OVEN DOOR HANDLE ASSEMBLY

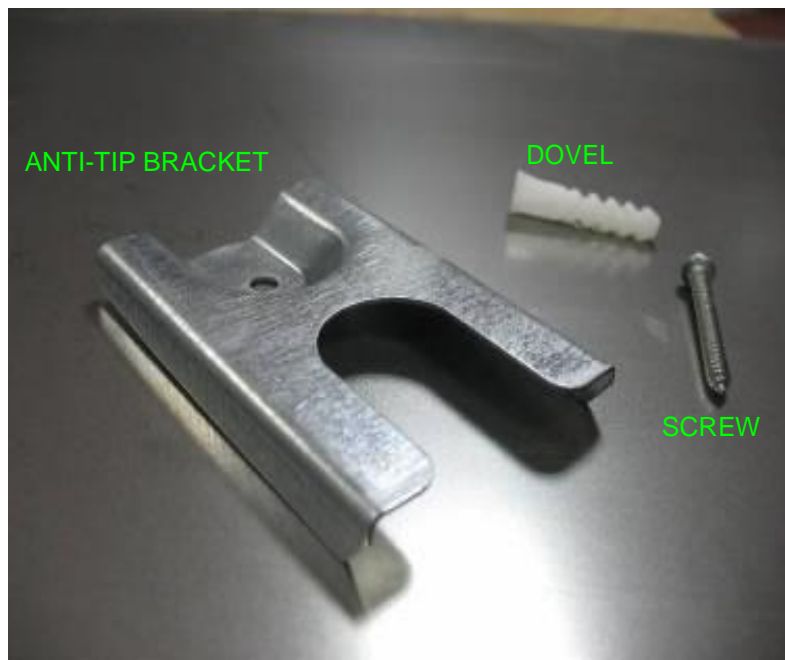


## CHANGING ELECTRIC EXHAUST

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



**ASSEMBLY OF ANTI TIP BRACKET**



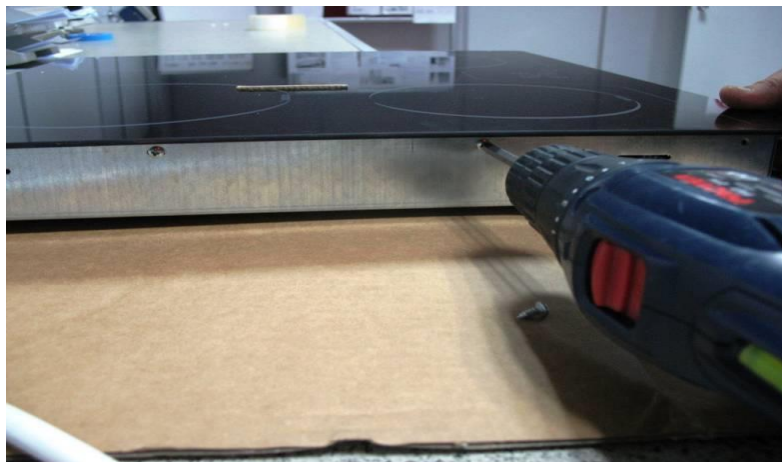
# FREESTANDING OVEN ELECTRIC SERVICE MANUAL

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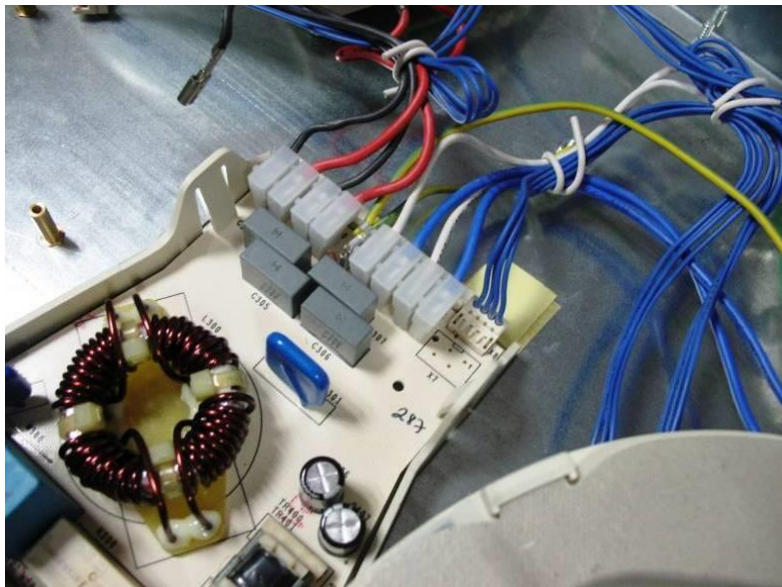


## **CHANGING CONNECTION UNIT OF INDUCTION HOBS**

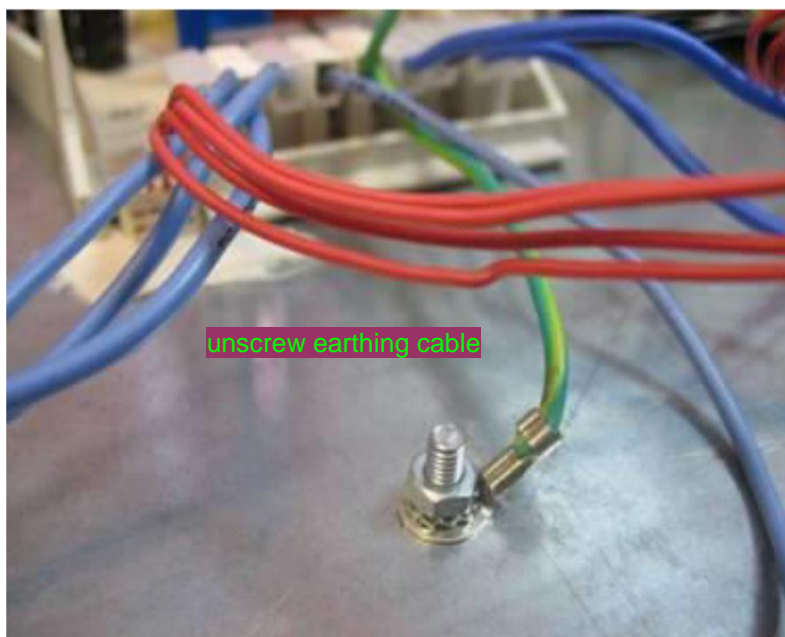
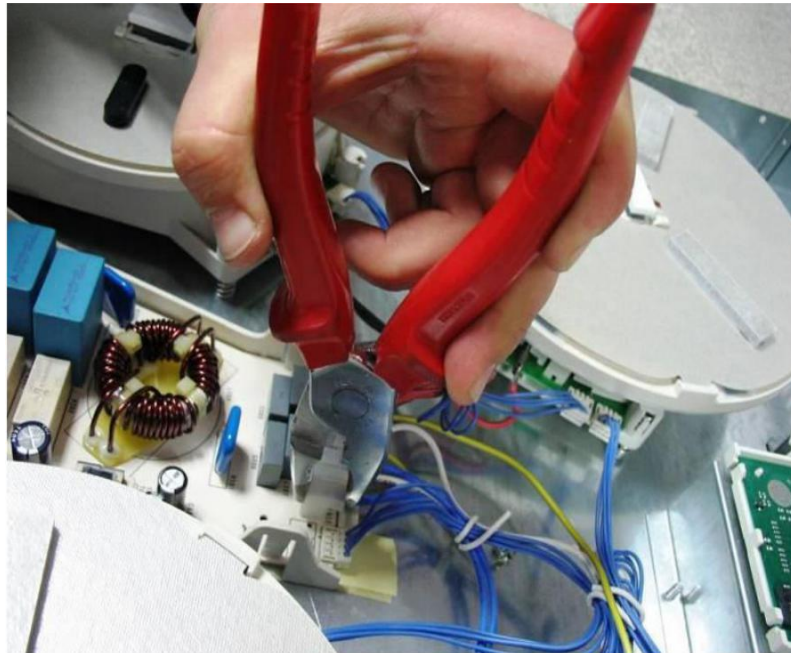
Unscrew all surrounding screws of hob :



Remove all wirings connected :



While reassembling please refer to circuit diagrams



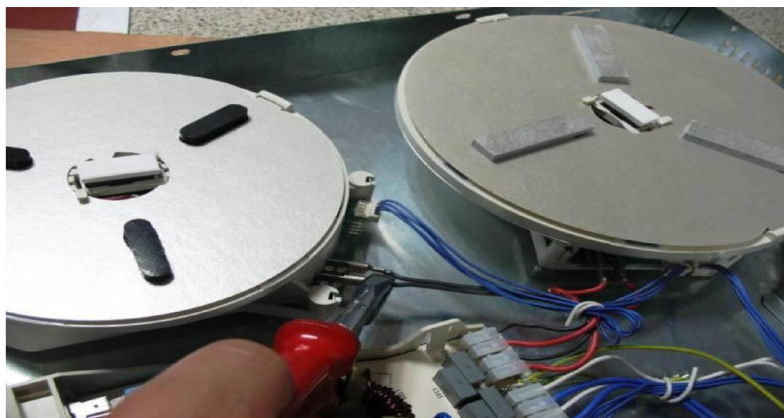


## FREESTANDING OVEN ELECTRIC SERVICE MANUAL

Remove ceramic glass of hob

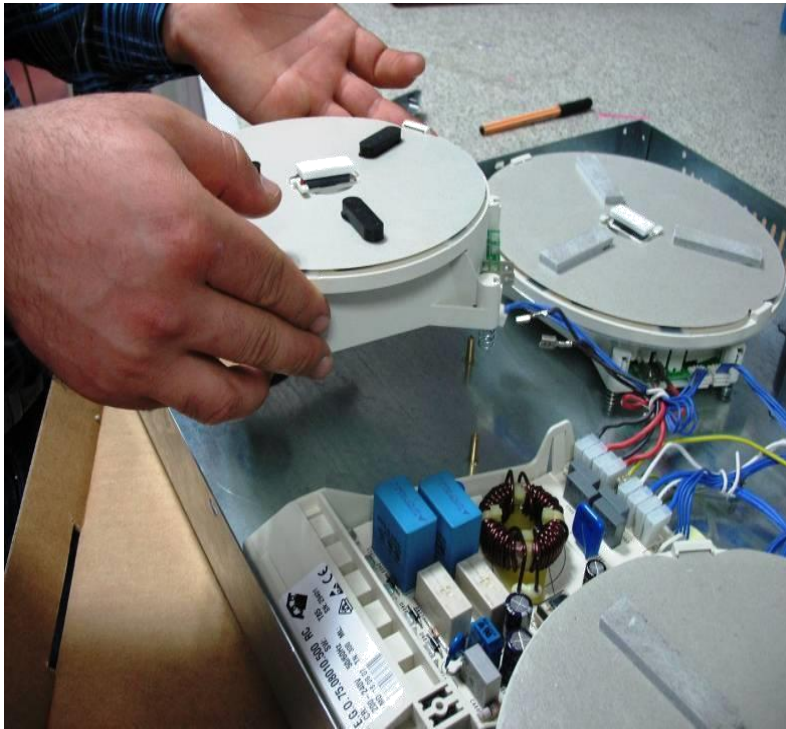


Pull off terminal connections on the heating element ( IHE )



Remove heating element and change with another if necessary.

## FREESTANDING OVEN ELECTRIC SERVICE MANUAL



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



# FREESTANDING OVEN ELECTRIC SERVICE MANUAL

## 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 |
|------------|---|--|--|--------------------------------|--------|
| <b>E1</b>  | 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. |        |
| <b>E2</b>  | Heater is overheated.   | Stay the cool down the heater for a while. Solved?   | Change the related induction heater. Solved?   | Change the power board.        |        |
| <b>E3</b>  | 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.   |                                |        |
| <b>E4</b>  | Supply frequency is out of the range.<br>If the supply frequency is 50Hz;<br>48Hz < Frequency < 52Hz<br>If the supply frequency is 60Hz;<br>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. |                                |        |
| <b>E5</b>  | 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 |
|----------------|---|---|---|-------------------------|--------|
| <b>E6</b>      | 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. |        |
| <b>E7</b>      | 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. |        |
| <b>E8</b>      | Heatsink NTC cable connection is open circuited.                | Check the heatsink NTC connection or Heatsink NTC cable is damaged. Solved?   | Change the power board.   |                         |        |
| <b>EC</b>      | 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.  |        |
| <b>C1...C8</b> | 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 |
|------------|--|--|--|--------|
| <b>E9</b>  | Calibration Error                            | Temperatures are not balanced with control panel.  | A card with updated software should be sent. |        |
| <b>ED</b>  | 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                         |
|------------|---|---|--|-------------------------------------|--------------------------------|
| <b>E0</b>  | <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. |
| <b>E9</b>  | The cookware is not suitable for our induction working specification<br>or<br>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. |                                |
| <b>I-</b>  | Low quality pan is used.  | Use a different branded pan/cookware.                 |  |                                     |                                |
| <b>EA</b>  | Heat is suddenly increased in the heater.   | Change the cookware. Solved?                          | Change the induction coil.   |                                     |                                |