

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



FREESTANDING COMBINE SERVICE MANUAL

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 COMBINE SERVICE MANUAL

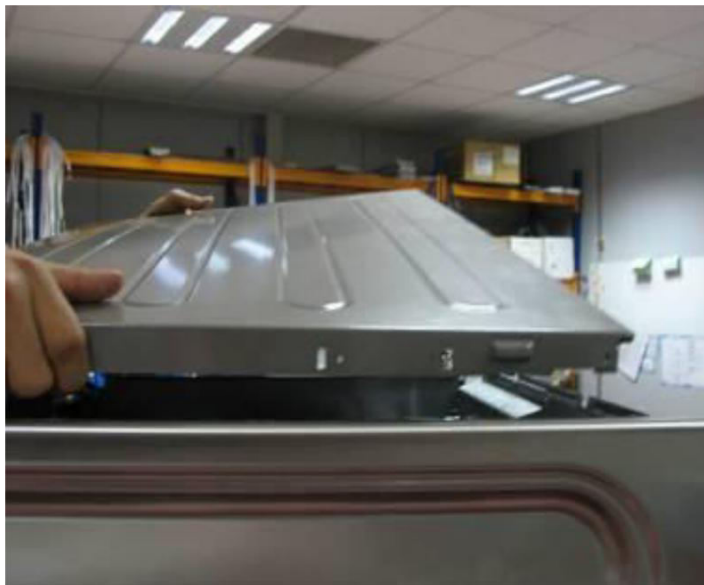


5-Unscrew the rear panel



FREESTANDING COMBINE SERVICE MANUAL

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



Repeat the same procedure backwards when assembling the new side panel

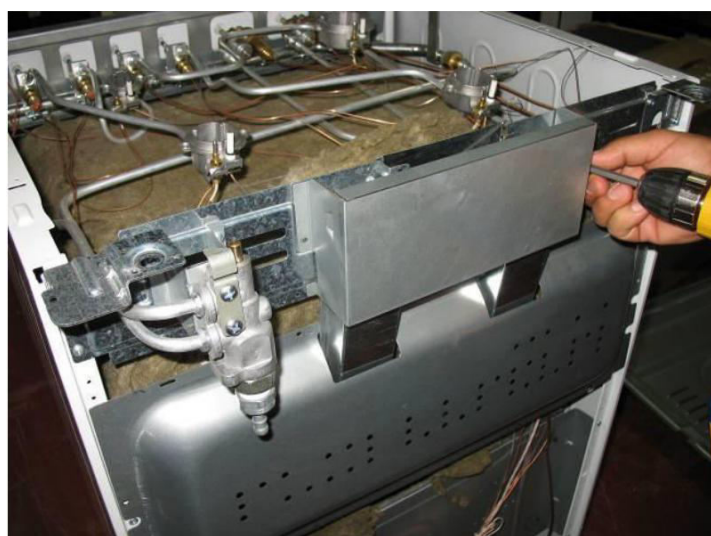
FREESTANDING COMBINE SERVICE MANUAL

CHANGING REAR PANELS

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



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



CHANGING GAS COOKTOPS

(Table-Top Hobs & Double Ovens)

1) Table-top hobs :

1-Remove knobs, and screws around burner body.



2-Then you may change cooktop

2) Freestanding Models with or without Metal Lid

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

(THESE SCREWS ARE NOT AVAILABLE FOR MODELS WITH LID)



FREESTANDING COMBINE SERVICE MANUAL



Changing Cooktops (with Lid) : Pull off the plastic cooktop hinge counterparts.

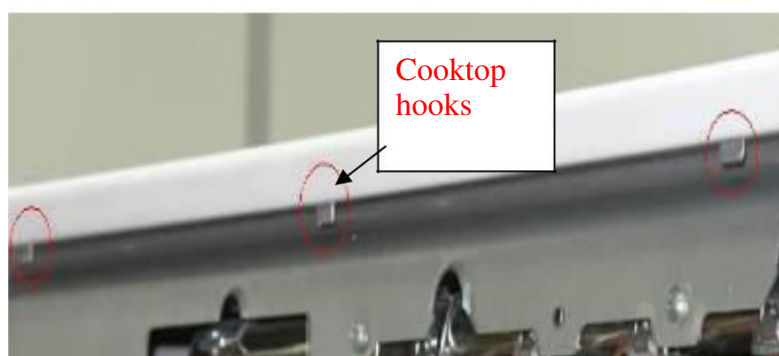


1- Unscrew the burner body, then cooktop comes free.



2- Hold up from the back side of the cooktop.

3-Then slightly push forward ; to release the cooktop from the hooks.



4-Follow the above steps backwards- to remount the cooktop.

Please note that :

a) Cooktop must be put on the hooks completely



FREESTANDING COMBINE SERVICE MANUAL

b) Do not forget to put the washer ; when screwing the hinge counterparts.



3) Freestanding Models with Glass Lid

1-Remove glass lid.

Fixate the nuts at bottom (by a nipper) and then unscrew



FREESTANDING COMBINE SERVICE MANUAL



2-Unscrew the burner body- then the cooktop comes free.



CHANGING GLASS LIDS

1-Take off the **hinge cover plastics** on the left / right side of glass lid



2-Turn the hinge screws to fix the glass lid.



3- If not solved, change the lid with a new one.



Placing Cooktop Lids (Glass)

1-Put on the **hinge cover plastics** on the left / right side of glass lid



2-Place the **cooktop hinges** into the glass lid profile.

FREESTANDING COMBINE SERVICE MANUAL



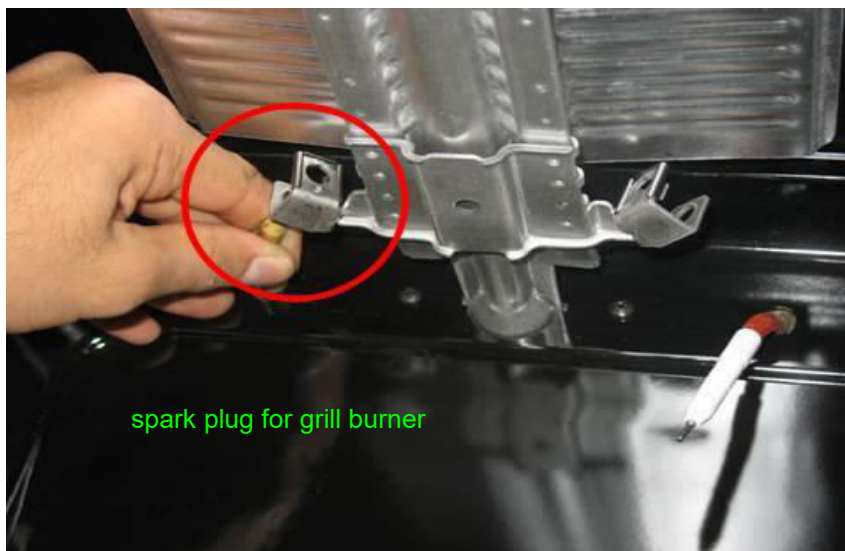
3-Set the glass lid, it is completed! Turn the **hinge screws** to adjust the glass lid if necessary



CHANGING SPARK PLUG WITH CABLE

For Oven & Grill Burner

1-Remove spark plug manually (of oven/grill burner)



2-Pull back and remove the **spark module** manually



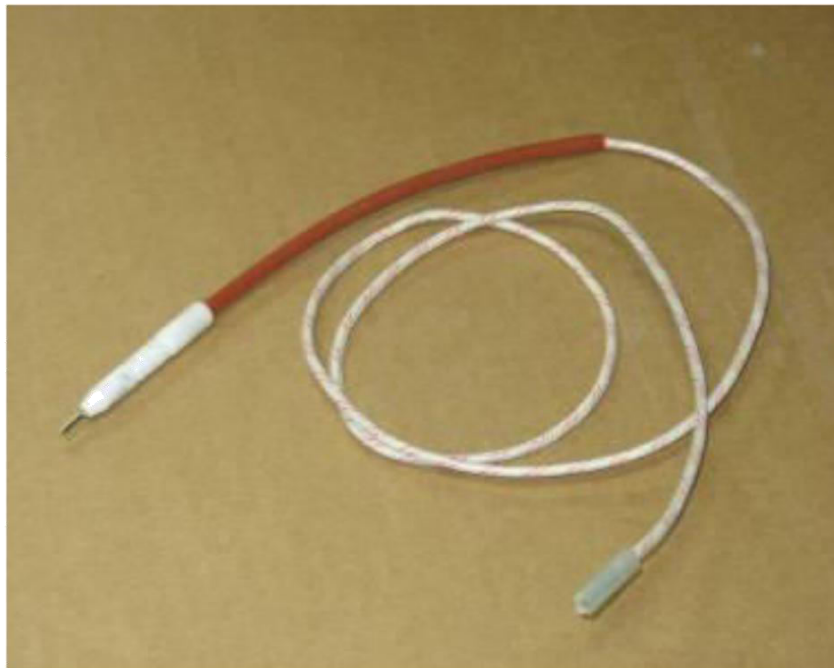
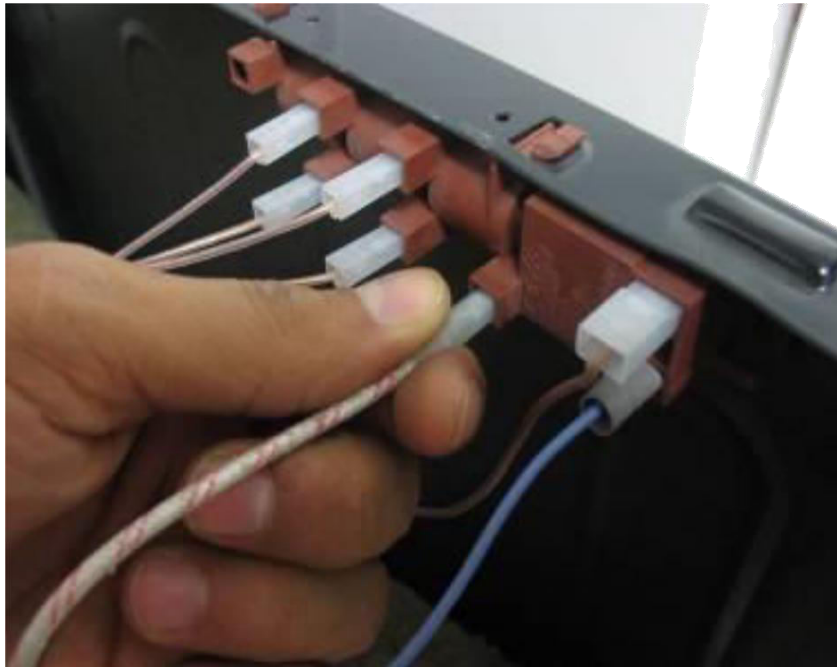
FREESTANDING COMBINE SERVICE MANUAL

3- Pull back and remove "spark plug with cable" out of the rear panel.



4- The other end of spark plug is connected to the **ignitor box**.
Pull off the terminal of oven/grill burner wiring.

FREESTANDING COMBINE SERVICE MANUAL



CHANGING OVEN BURNER AND INJECTOR

1-Unscrew the two screws and remove the burner cover.

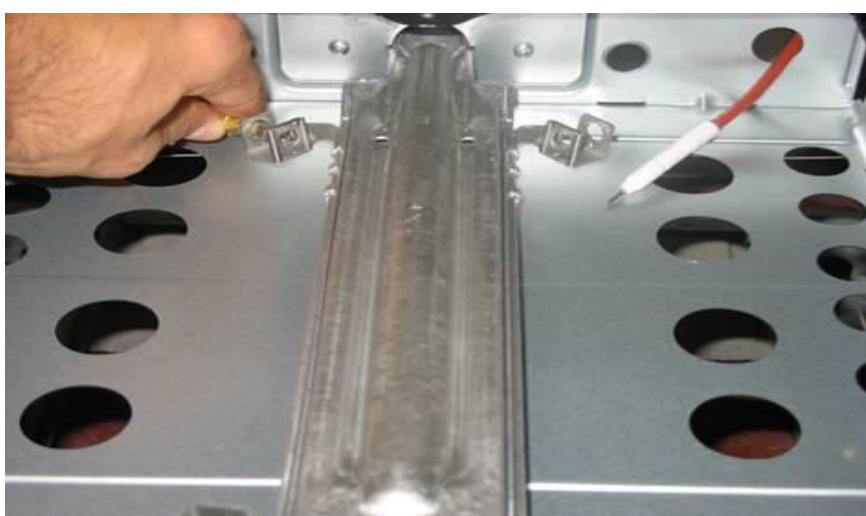


FREESTANDING COMBINE SERVICE MANUAL

2- Pull back and remove the spark module manually.



3- To remove the thermocouple (ffd) pull backwards manually.



FREESTANDING COMBINE SERVICE MANUAL

4-Open drawer.

Unscrew the connection screw under the burner box.
Use a short , appropriate handhold screwdriver.



5-Remove the oven burner by moving right-left sides in the burner box.



6-Then you will see the injector;

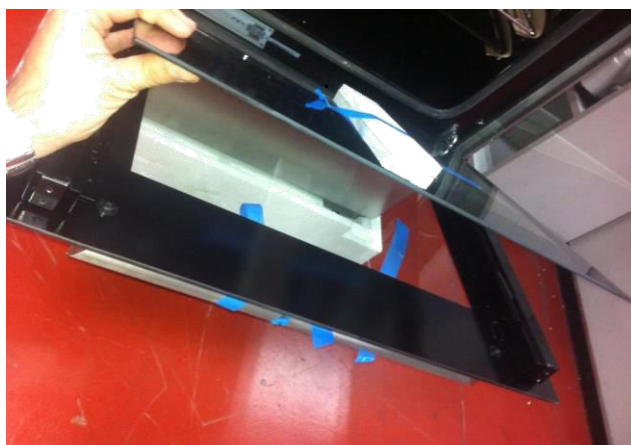


7-Unscrew the oven burner injector with the correct wrench.



CHANGING INNER GLASS

1-Unscrew the shown 2 screws at the Picture.



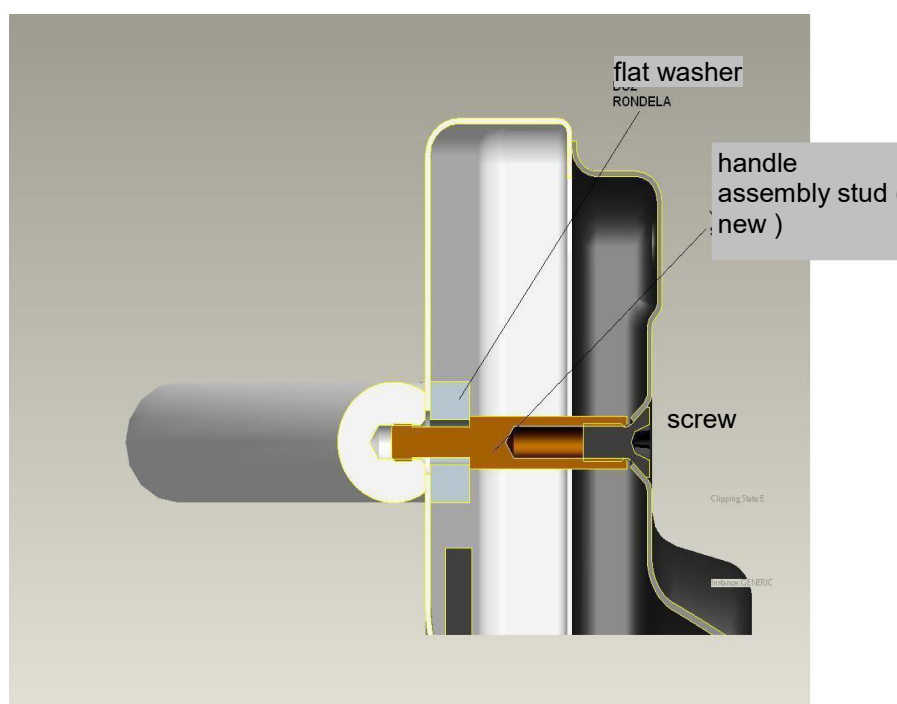
HANDLES/KNOBS

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



HANDLE ASSEMBLY TYPES :

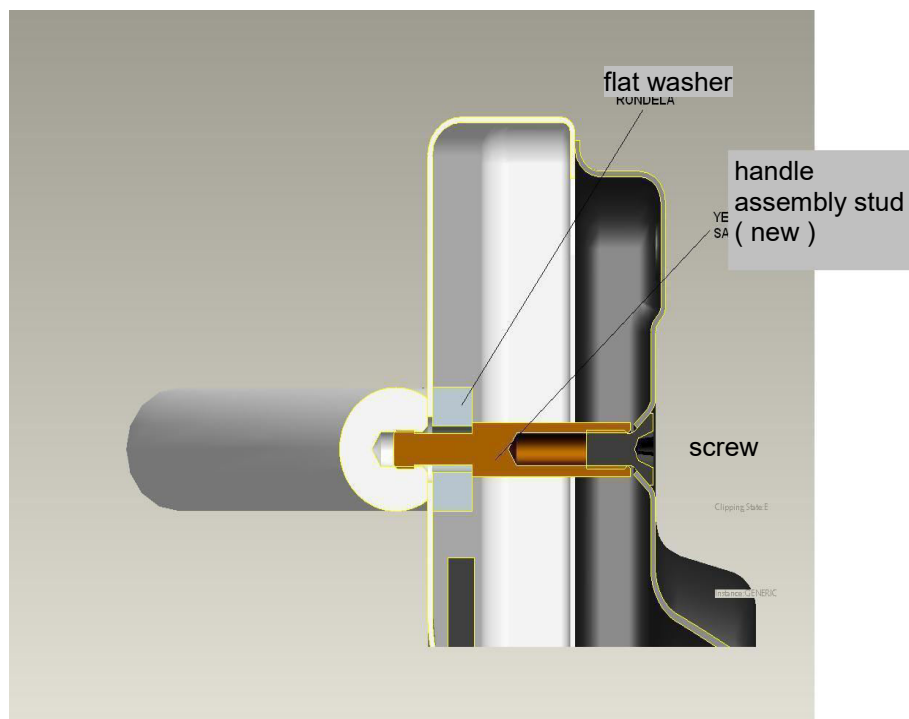
3D SOLID TYPE OVEN DOOR HANDLE ASSEMBLY



SOLID TYPE OVEN DOOR HANDLE ASSEMBLY

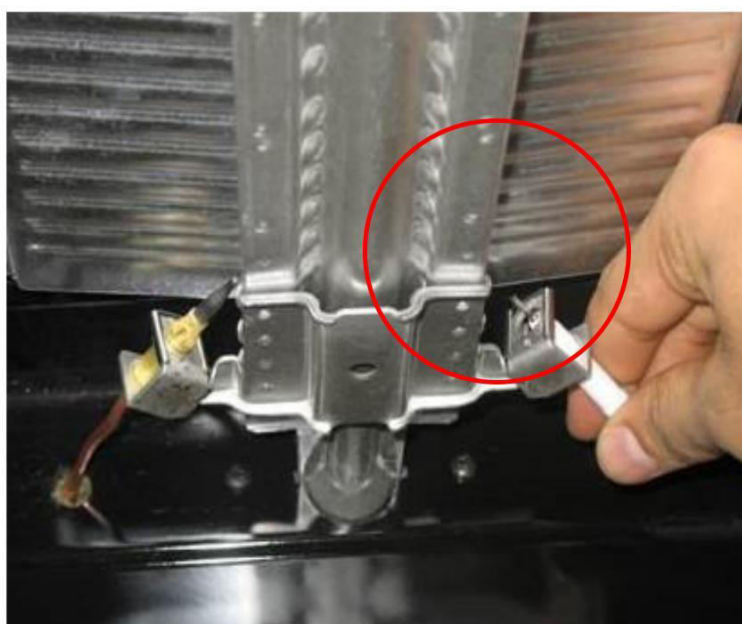
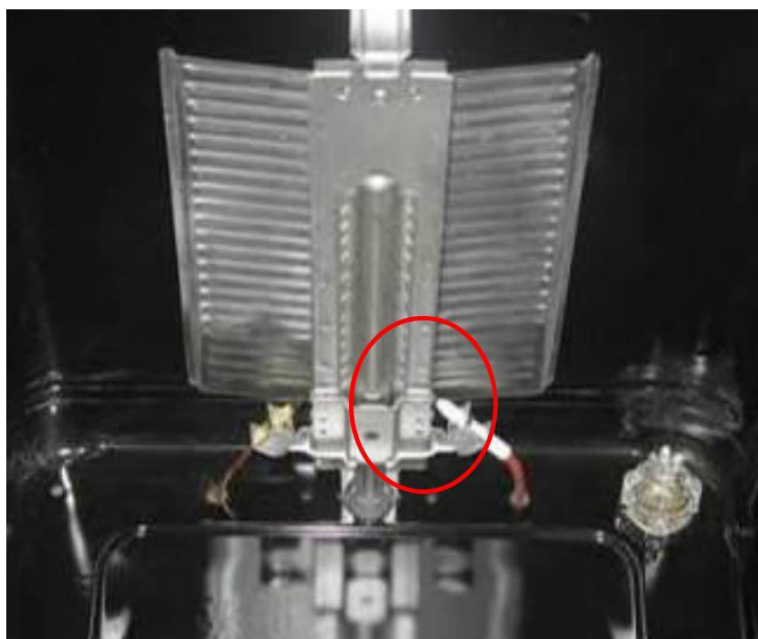


INNER COVER OVEN DOOR HANDLE ASSEMBLY



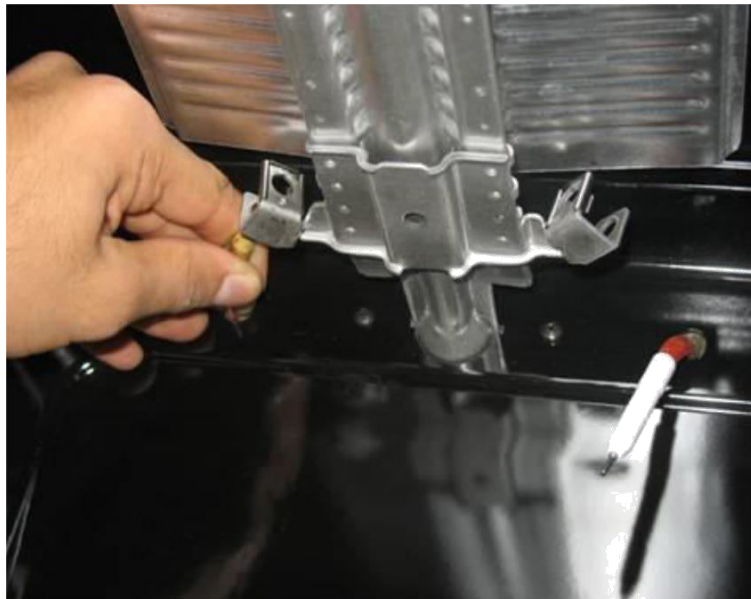
CHANGING GRILL BURNER AND INJECTOR

- 1-** If ignition is available for gas grill ; there is a sparking plug (white)
Pull back and remove the spark module manually.



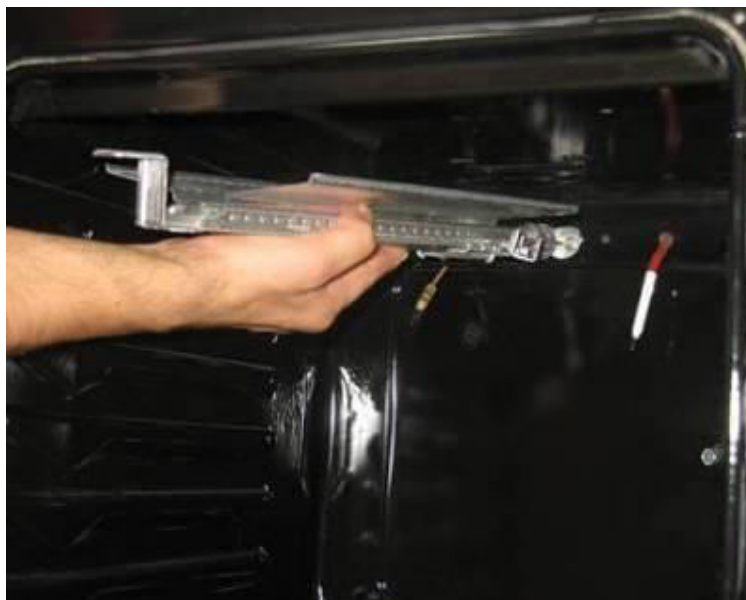
- 2-** To remove the thermocouple (ffd) pull backwards manually.

FREESTANDING COMBINE SERVICE MANUAL



FREESTANDING COMBINE SERVICE MANUAL

4- Pull back and remove the grill burner



5- Unscrew the grill burner injector with the correct wrench.

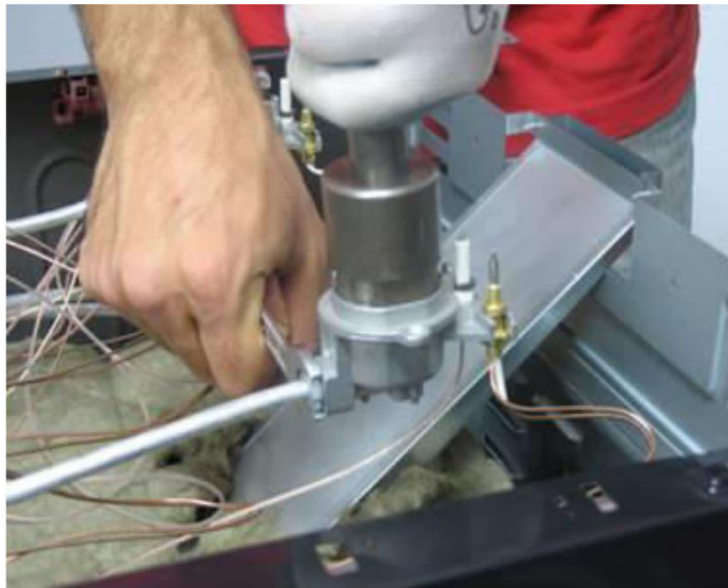


Change the injector with a new one from the spare kit.

Caution : Do not apply excessive force during screwing the grill burner to the oven cavity, as you may cause enamel fractures. It is recommended to use a protective eye glass during

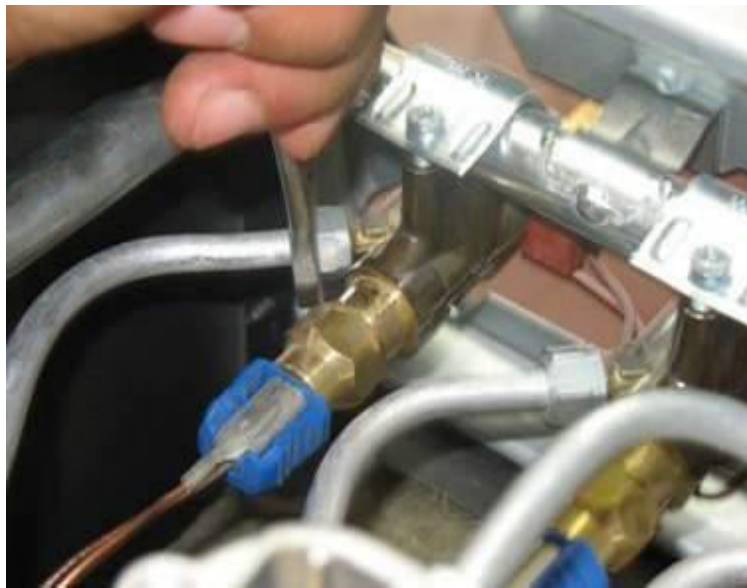
CHANGING GAS DELIVERY TUBES

1-Unscrew the burner body from gas delivery tube by the wrench



FREESTANDING COMBINE SERVICE MANUAL

2-Then unscrew the gas valve end of gas delivery tube by the wrench



Do not ever use crashed, cracked or sprained gas delivery pipes !



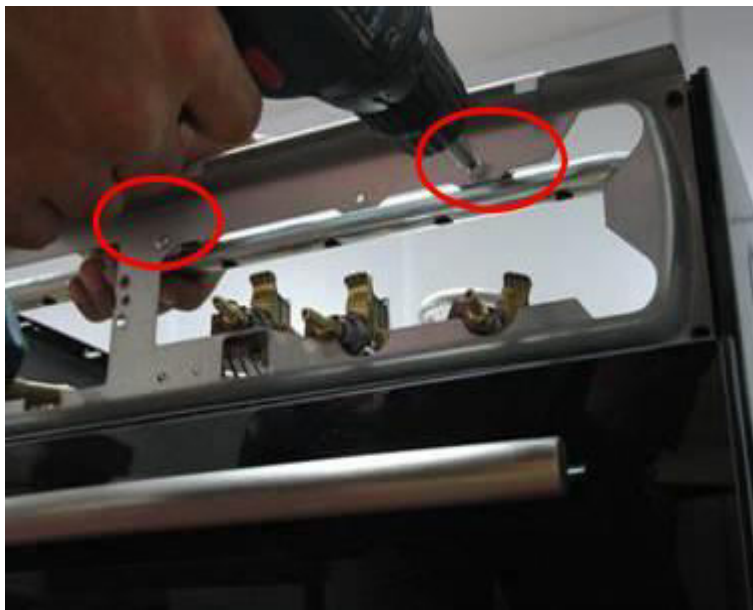
CHANGING GAS COLLECTOR / MANIFOLD

1-Unscrew the gas manifold brackets



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2-Unscrew the two screws of manifold on the front panel.



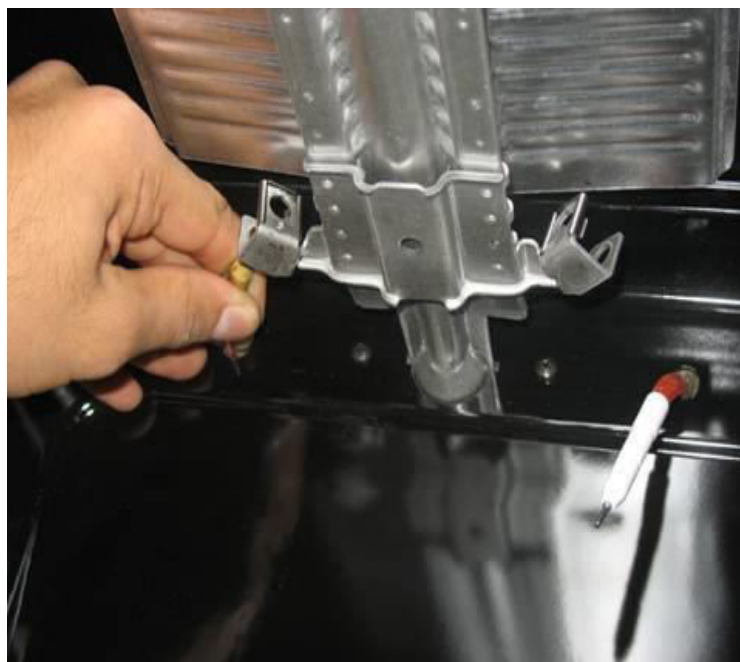
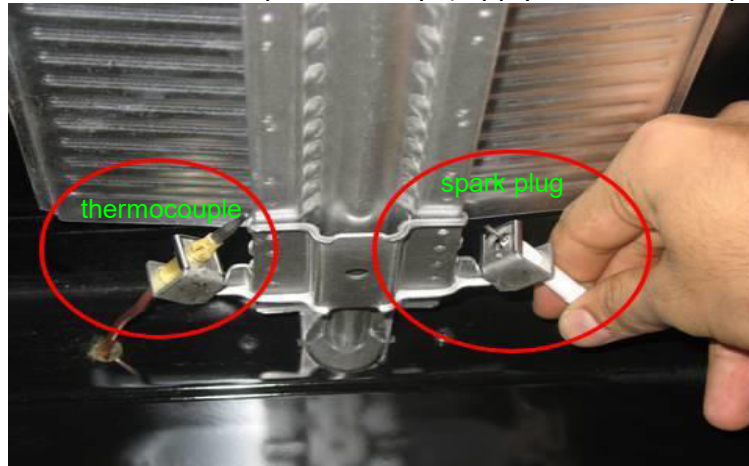
3-Unscrew the three connection screws on cooktop left angle iron (back of oven)



CHANGING FLAME FAILURE DEVICE (FFD)

a) Changing Thermocouple for Gas Grill Burner

1- Pull back the thermocouple manually. (Apply the same for spark plug)



2- To remove the cable of thermocouple ;
Pull back and remove the ffd completely.

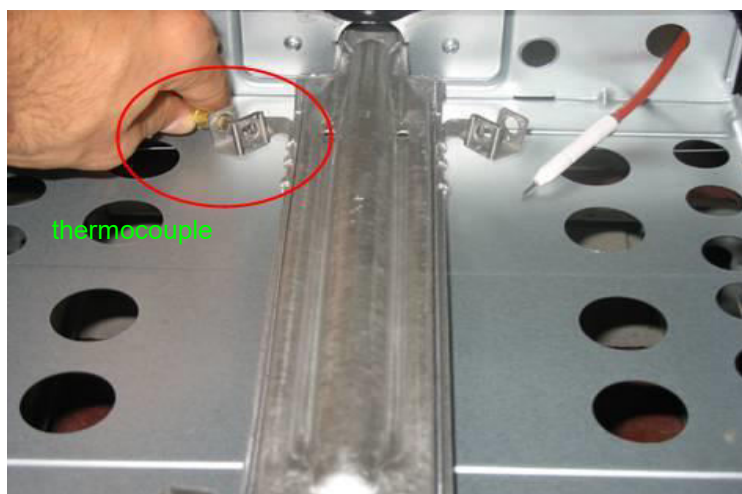
FREESTANDING COMBINE SERVICE MANUAL

b) Changing Thermocouple for Oven Burner

1-To remove the burner cover, unscrew front and back connection screws.



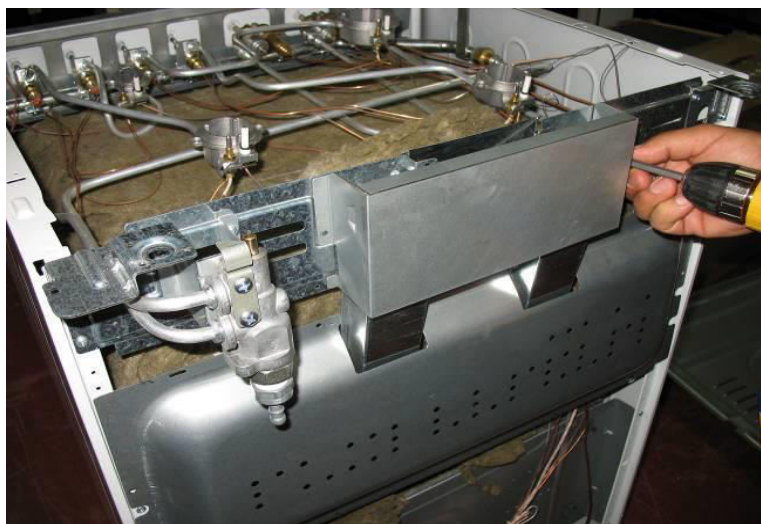
2-Pull back the thermocouple manually. (Apply the same for spark plug)



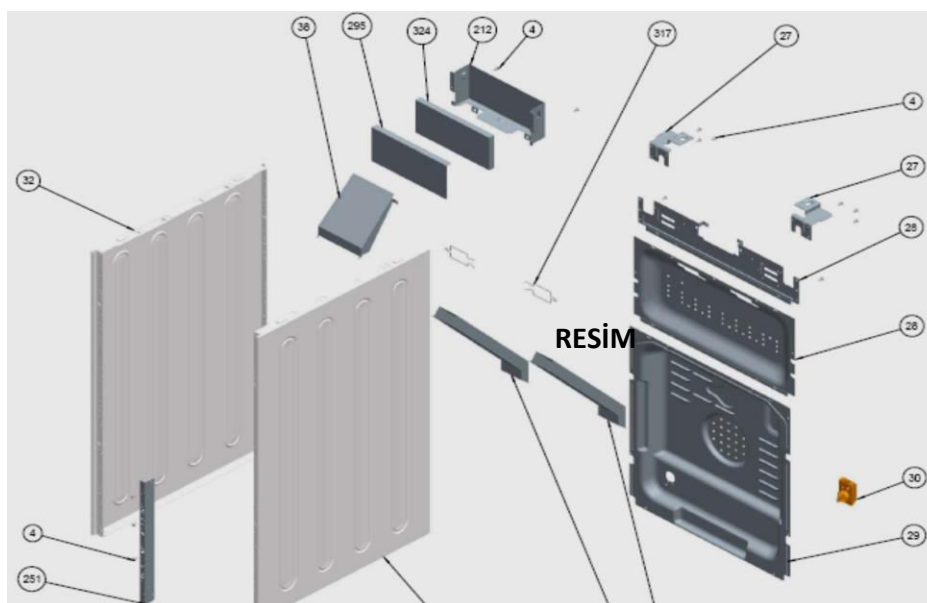
3-To remove the cable of thermocouple ;
Pull back and remove the ffd completely.

FREESTANDING COMBINE SERVICE MANUAL

CHANGING EXHAUST BODY



Assemble the exhaust (38) by fixing with the springs (317) on the rear top panel (28)

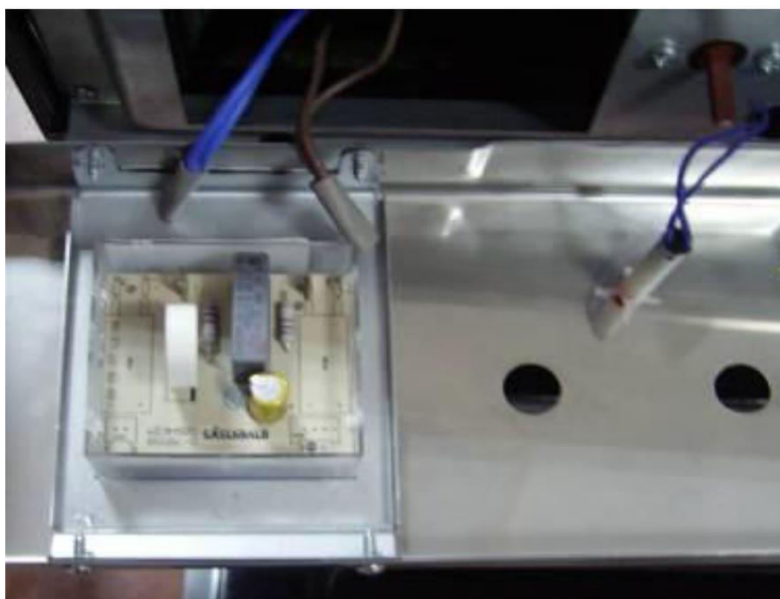


27	COOKTOP ANGLE IRON (L / R)
28	REAR TOP PANEL (DB.OVEN)
29	REAR PANEL (DB.MAIN OVEN)
30	TERMINAL BOX
32	SIDE PANEL
34	ADJUSTABLE FOOT
38	TOP / BOTTOM EXHAUST (DB.OVEN)
212	EXHAUST PROTECTION COVER (DB.OVEN)
213	EXHAUST LID (DB.OVEN)
229	ADDITIONAL BOTTOM SUPPORT
251	SIDE PANEL SUPPORT BRACKET
290	BATTERY BOX
295	DO.EXHAUST COVER
317	EXHAUST FIXING WIRE (GAS)
324	FRONT PANEL INSULATION(DO.EXHAUST IZOPAN)

FREESTANDING COMBINE SERVICE MANUAL

CHANGING DIGITAL TIMER

1- Pull off the cable contacts from Digital timer



2-Unscrew the Digital Timer from front Panel.

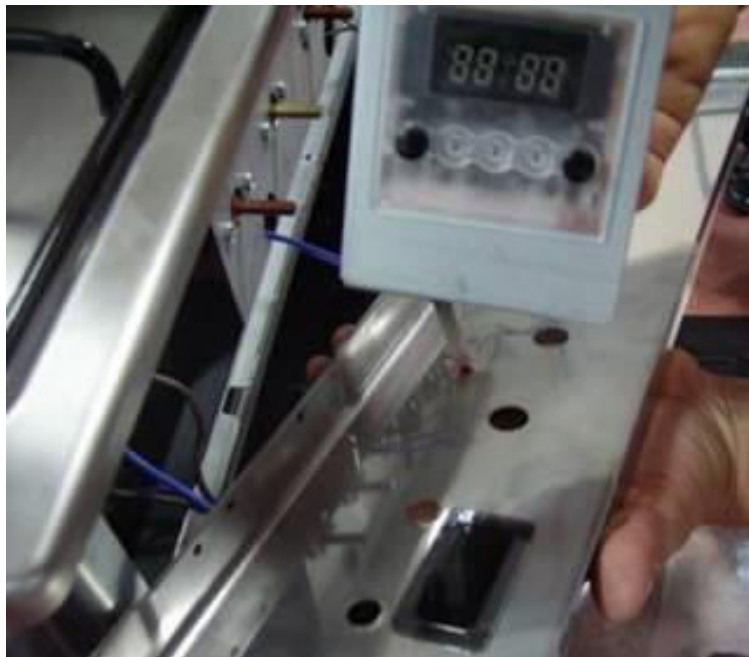


3-Correct the position of timer and check if problem solved.





4-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 BURNER BODY



1-Take off the **thermocouple** : unscrew with a wrench from the burner body.



FREESTANDING COMBINE SERVICE MANUAL

2-Press the **spark plug segment** and hold the **spark plug** up.



3-Hold up the spark plug and remove with cable



4-Then fix the burner body manually (or by an apparatus), and unscrew the nut between gas delivery tube and burner body.



5-The burner body becomes free to change.

FREESTANDING COMBINE SERVICE MANUAL



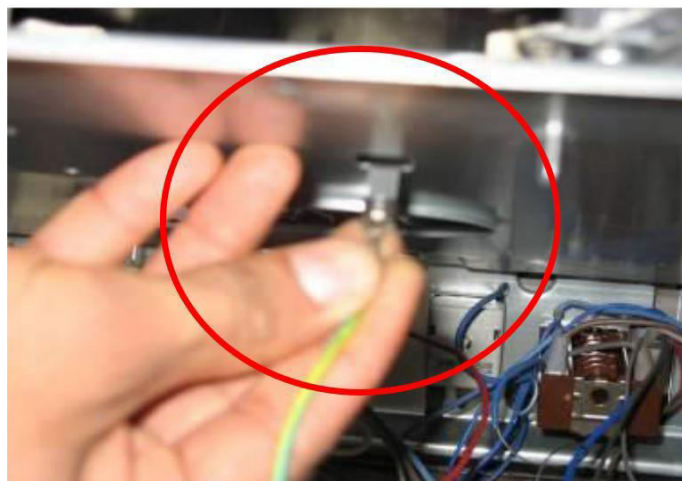
To prevent gas leak ; pay attention the connections to be tight when changing components

CHANGING COOKTOP

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



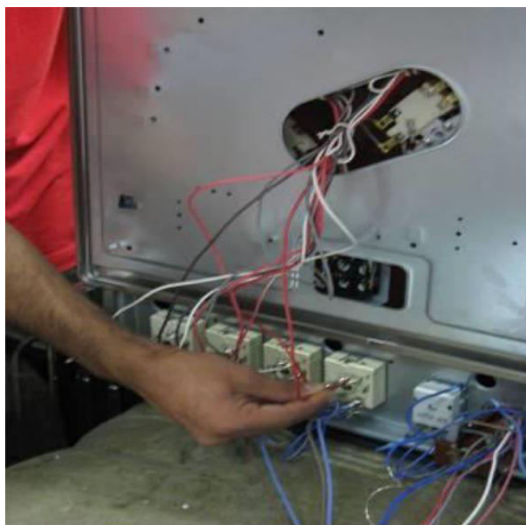
2-Hold up the cooktop slightly from backwards. Take off the earthing cable



DOUBLE OVEN COMBINE SERVICE MANUAL

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)



DOUBLE OVEN COMBINE SERVICE MANUAL



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





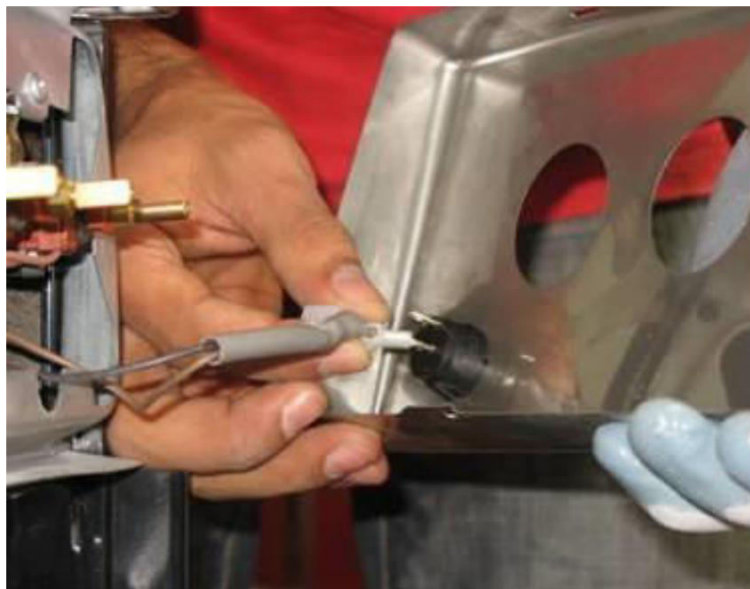
4-Insert a new button ; set it appropriate into the hole.



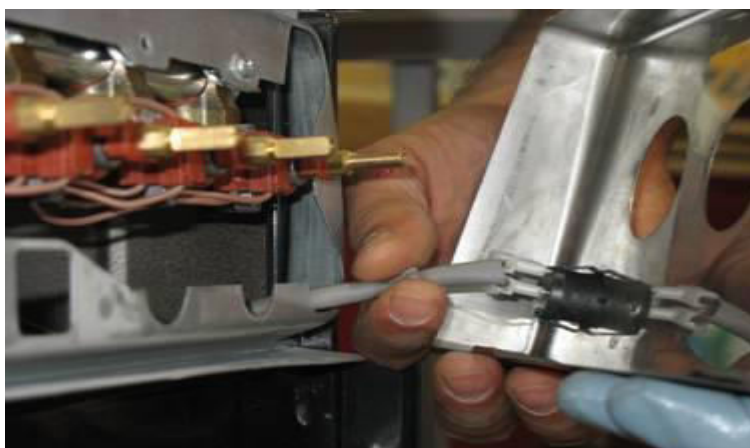
Reassemble the wiring terminals to button ;

DOUBLE OVEN COMBINE SERVICE MANUAL

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



- All steps are similar for the ignitor button.



DOUBLE OVEN COMBINE SERVICE MANUAL

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



DOUBLE OVEN COMBINE SERVICE MANUAL



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



DOUBLE OVEN COMBINE SERVICE MANUAL

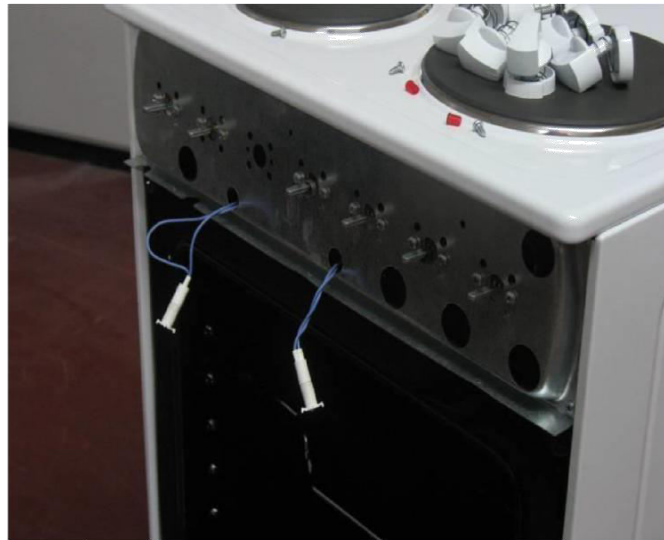
CHANGING FUNCTION SELECTOR SWITCH



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



DOUBLE OVEN COMBINE SERVICE MANUAL

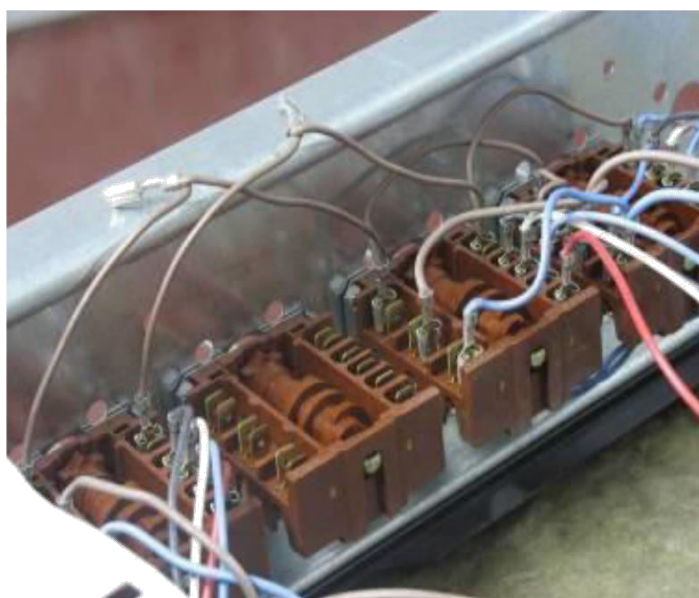
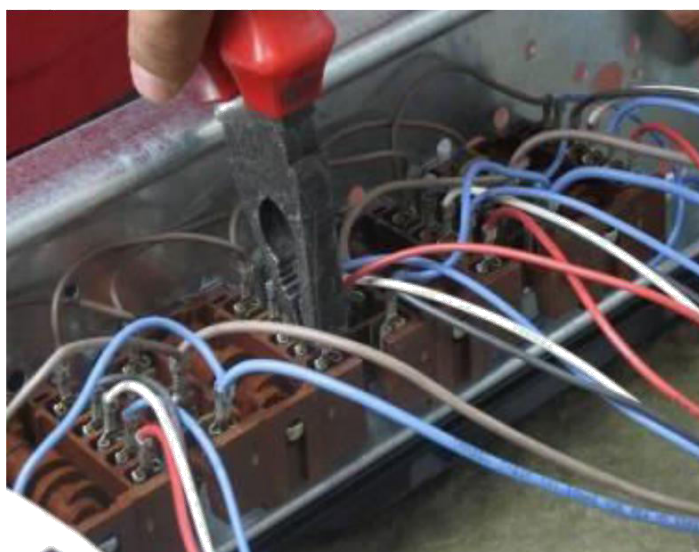


2-On the left; 4 hotplate switches and on the right; function selector switch.



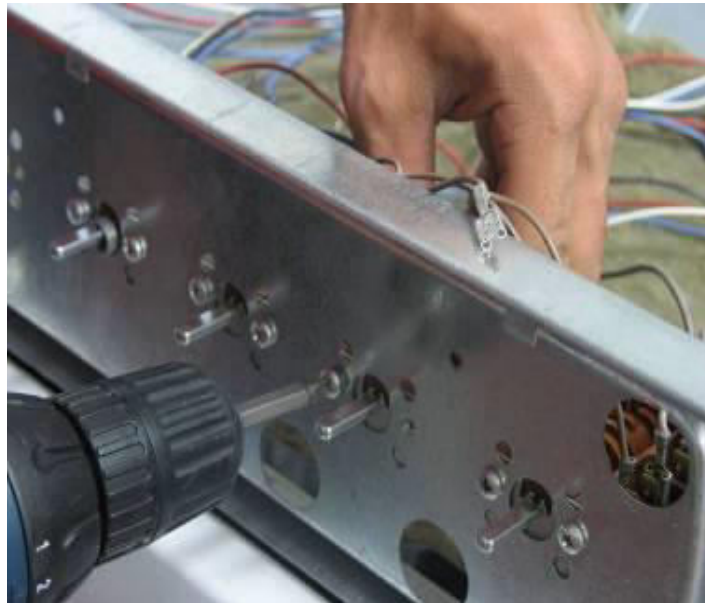
DOUBLE OVEN COMBINE SERVICE MANUAL

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

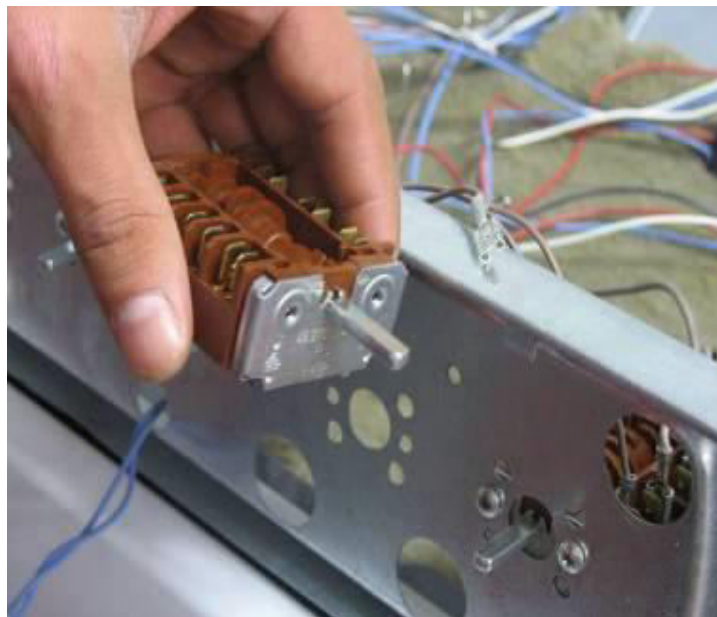


DOUBLE OVEN COMBINE SERVICE MANUAL

4-Then unscrew the switch from the inner panel

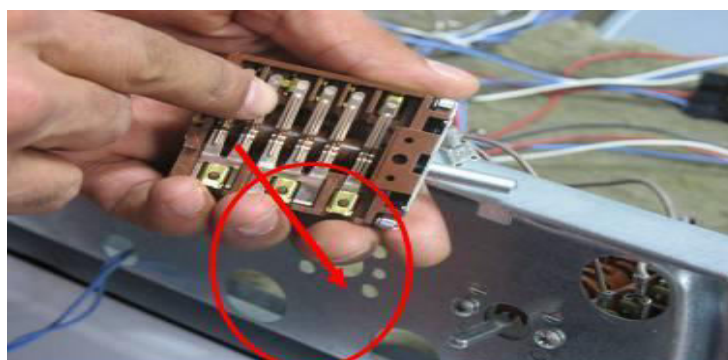


5-Please hold the switch from its surroundings - not from its top and bottom surfaces



Do not compress the bottom plates of switch !

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



DOUBLE OVEN COMBINE SERVICE MANUAL

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**.



DOUBLE OVEN COMBINE SERVICE MANUAL

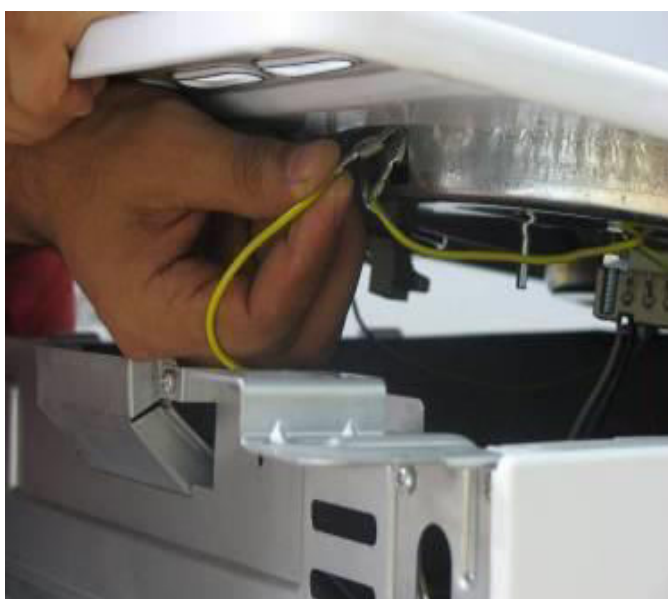
2-then slightly hold up the cooktop from backwards



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

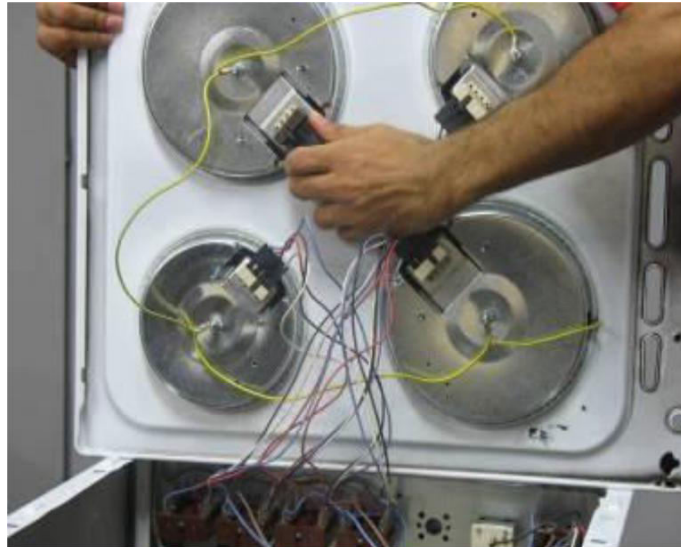


3-Take off the **earthing cable** terminal from the rear-left hotplate heater



DOUBLE OVEN COMBINE SERVICE MANUAL

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



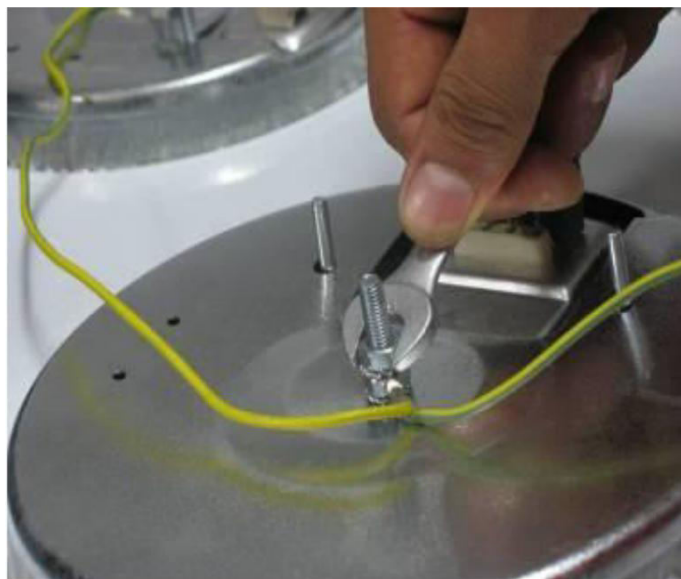
DOUBLE OVEN COMBINE SERVICE MANUAL

5-Then the cooktop becomes free.

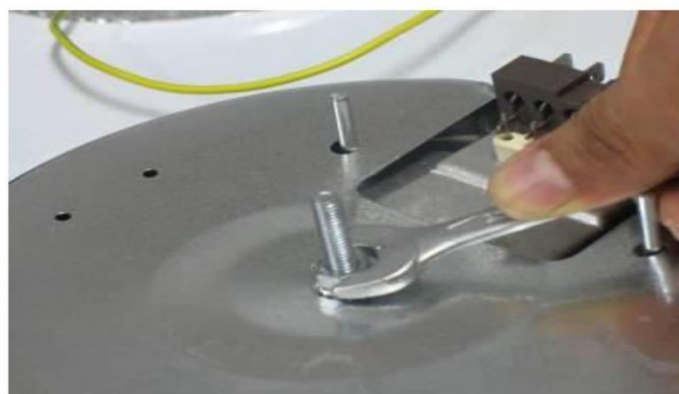
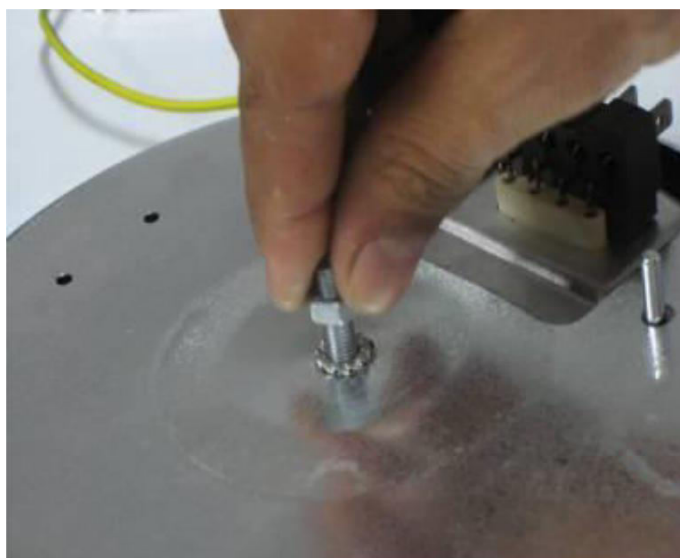


CHANGING HOTPLATE ELEMENTS

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



DOUBLE OVEN COMBINE SERVICE MANUAL



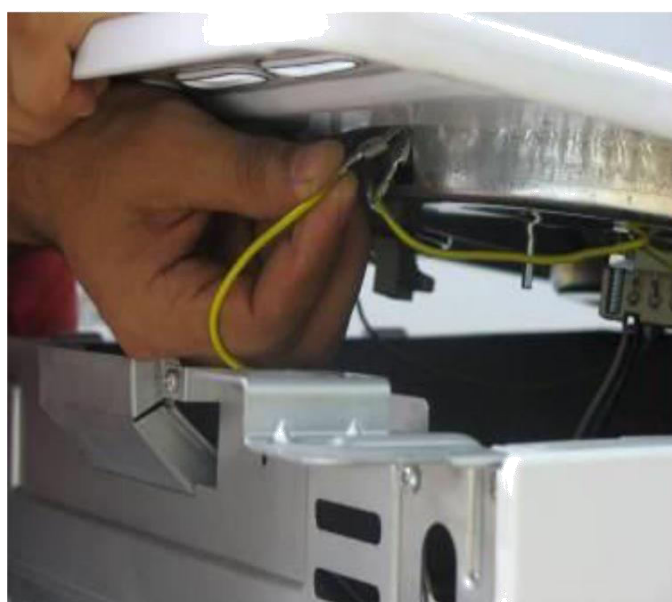
Repeat the same procedure backwards when assembling the hotplates again.

DOUBLE OVEN COMBINE SERVICE MANUAL

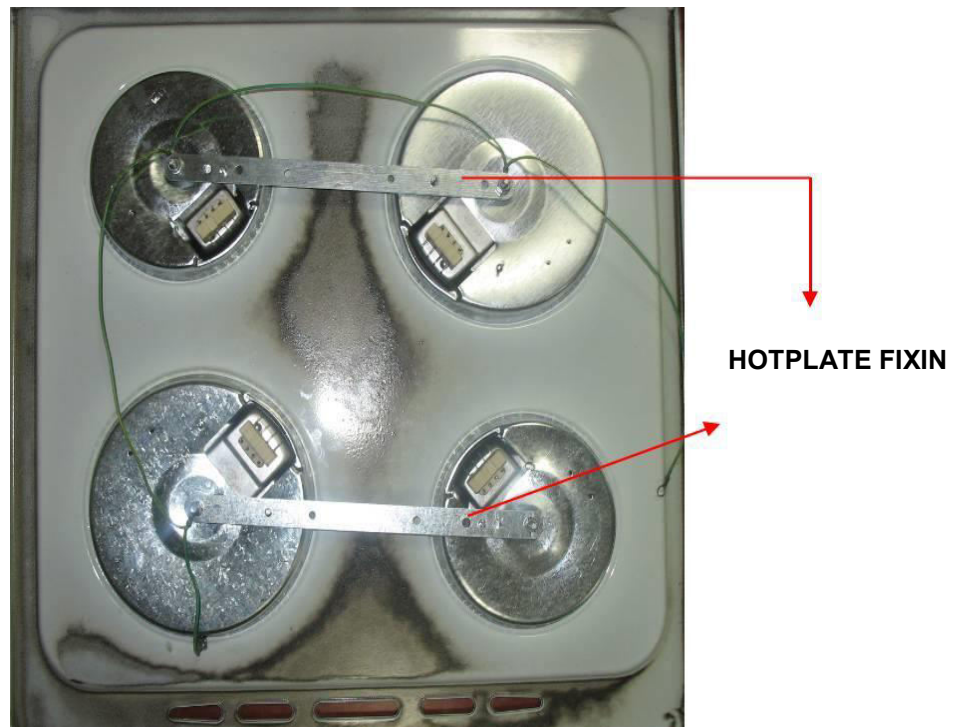
Attention: the connections must be **tightened** - in order to fixate the hotplates.



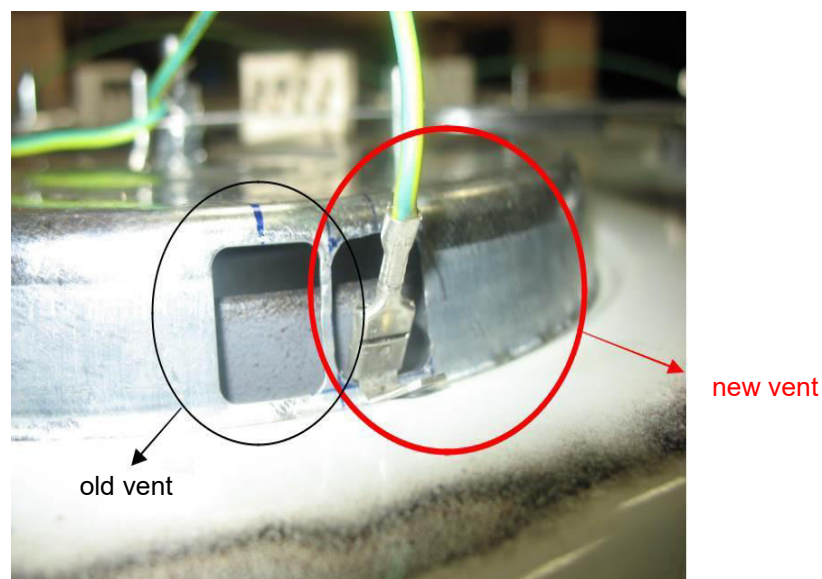
DOUBLE OVEN COMBINE SERVICE MANUAL



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



3) 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)



DOUBLE OVEN COMBINE SERVICE MANUAL

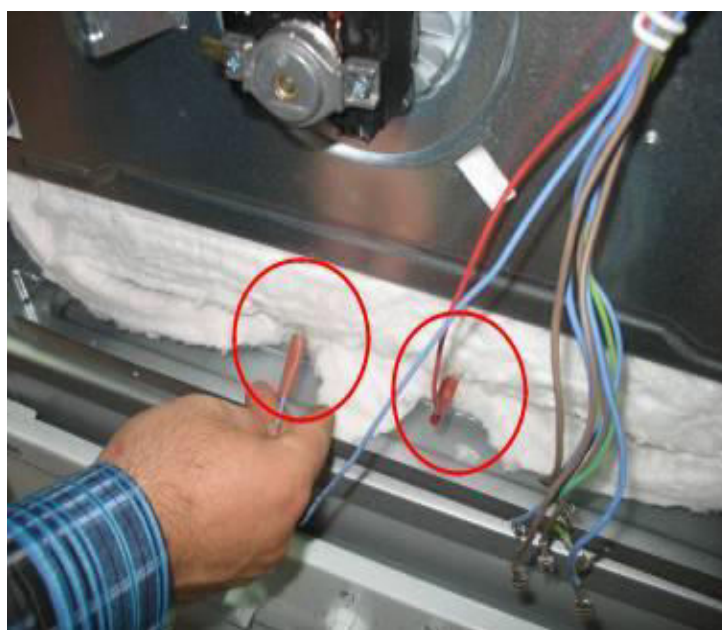
Unscrew the top&grill heating element from the rear of cavity.



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.



DOUBLE OVEN COMBINE 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.

DOUBLE OVEN COMBINE SERVICE MANUAL



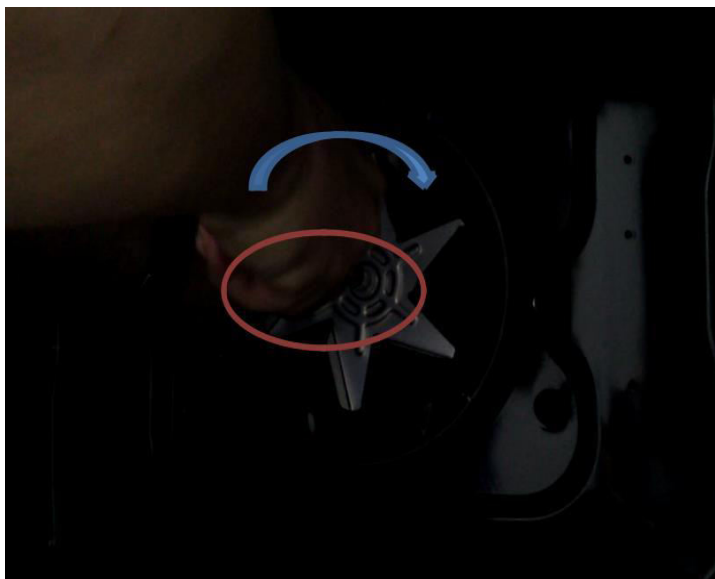
4-Hold up the heating element slightly and take out.



Repeat this procedure backwards ; to replace the component.

DISASSEMBLY OF FAN MOTOR

Disassemble the nut as below direction to remove.

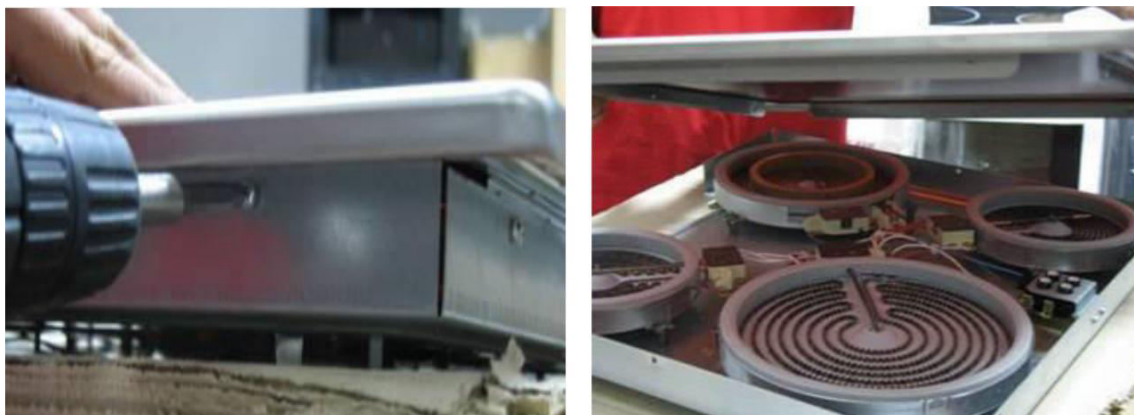


After that, remove the screws which hold fan motor.

DOUBLE OVEN COMBINE SERVICE MANUAL

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.



DOUBLE OVEN COMBINE SERVICE MANUAL

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



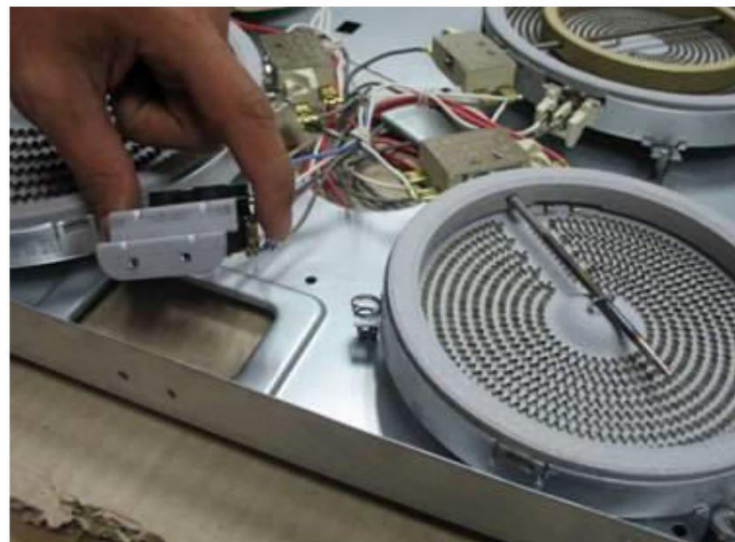
Now you may change the heating element with a new one.



DOUBLE OVEN COMBINE SERVICE MANUAL

How to Change the Hot Surface Indicator Light Group :

Unscrew the indicator light group (with wiring)



DOUBLE OVEN COMBINE SERVICE MANUAL

Then detach the silicone cable



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



DOUBLE OVEN COMBINE SERVICE MANUAL

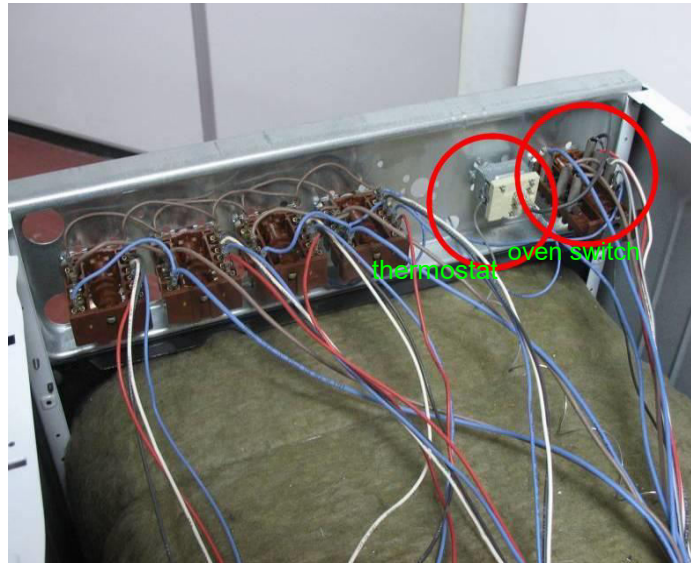
CHANGING THERMOSTAT

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

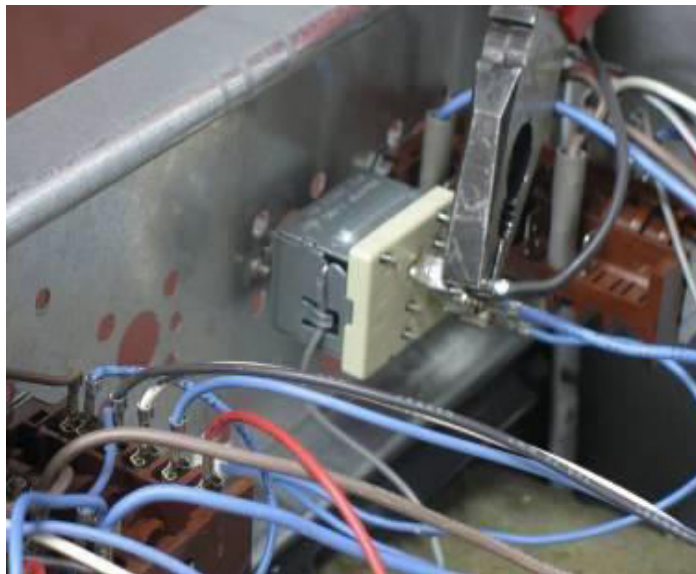


DOUBLE OVEN COMBINE SERVICE MANUAL

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



Remove wiring connections by a nipper

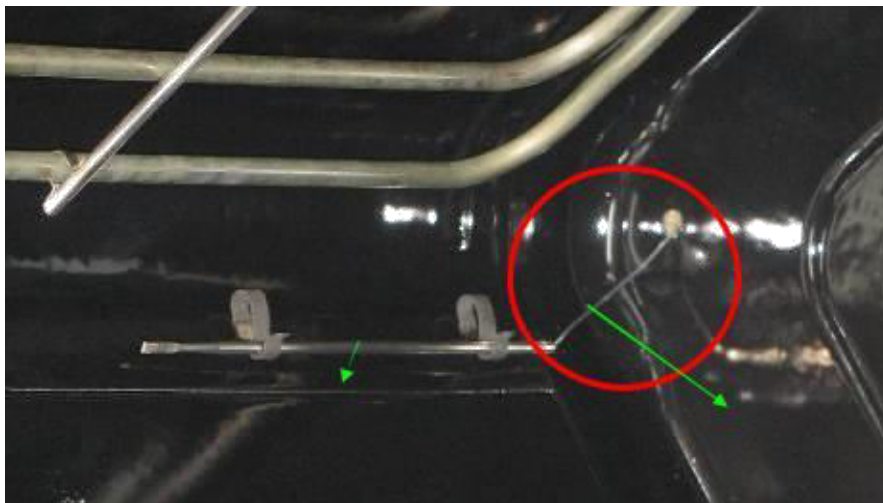


Unscrew the thermostat from the inner panel



DOUBLE OVEN COMBINE SERVICE MANUAL

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



Manually remove thermostat bulb out of its brackets.



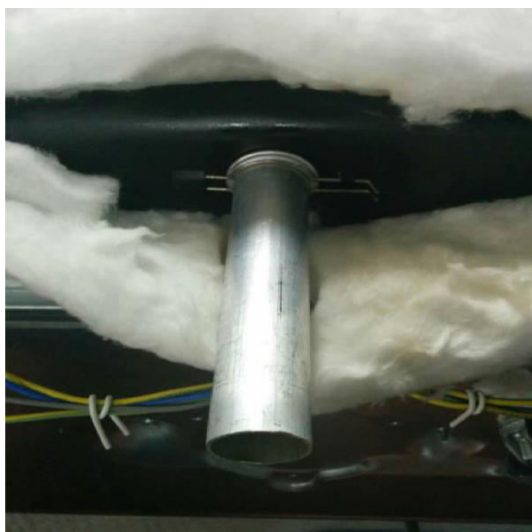
Now it is safe to pull back and remove thermostat bulb from the rear outlet.
Thermostat becomes free then.

DOUBLE OVEN COMBINE SERVICE MANUAL



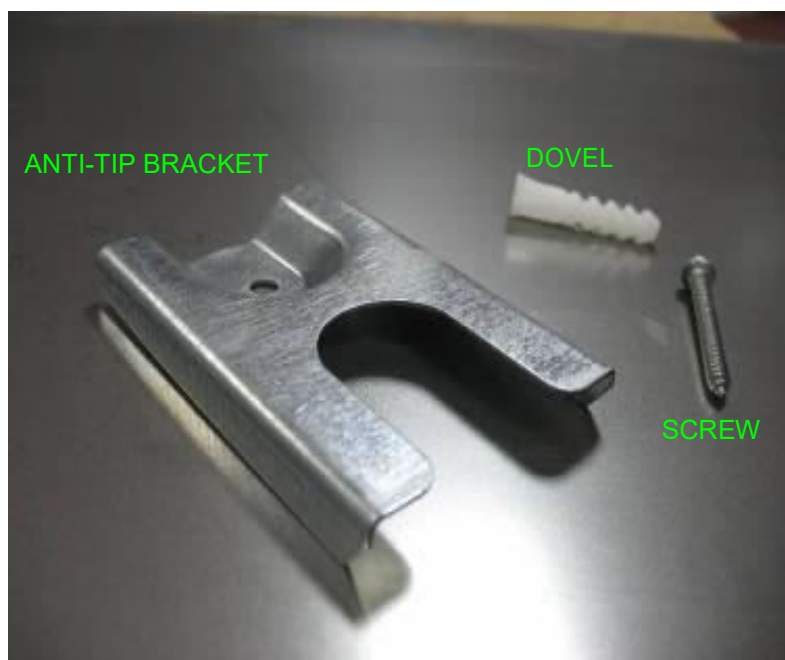
CHANGING ELECTRIC EXHAUST

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



(

ASSEMBLY OF ANTI TIP BRACKET

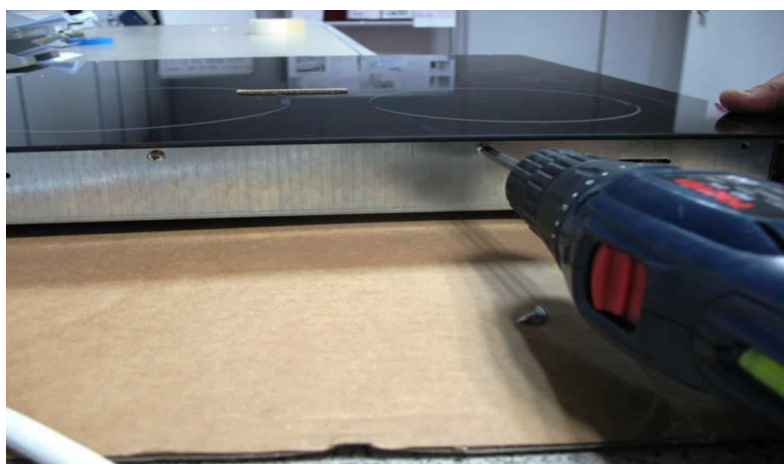


DOUBLE OVEN COMBINE SERVICE MANUAL

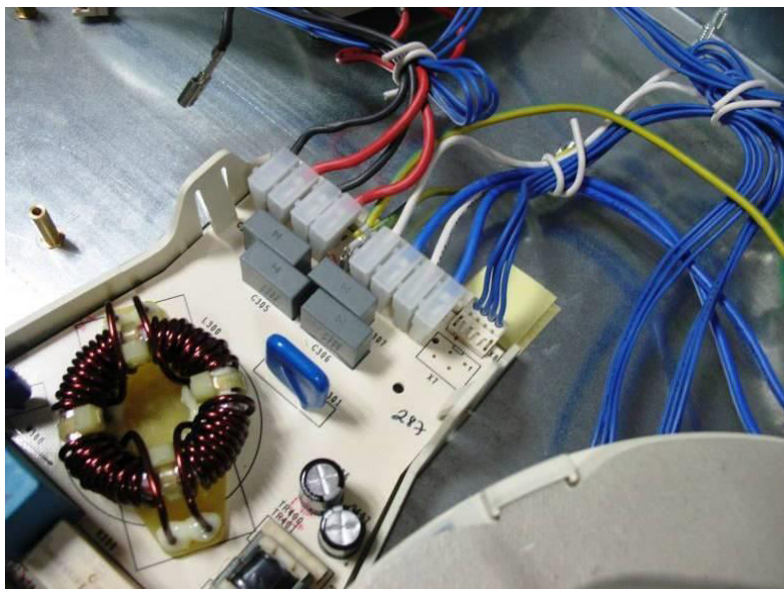


CHANGING CONNECTION UNIT OF INDUCTION HOBS

Unscrew all surrounding screws of hob :

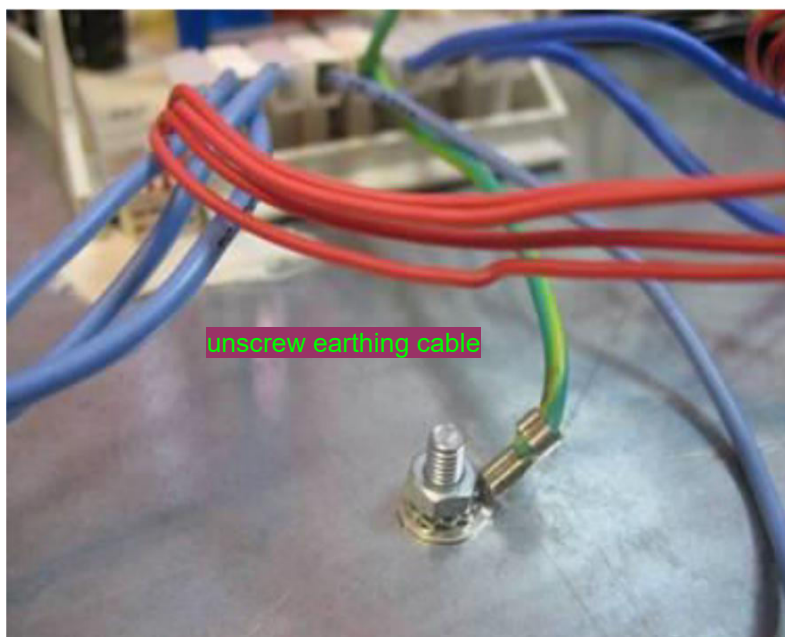
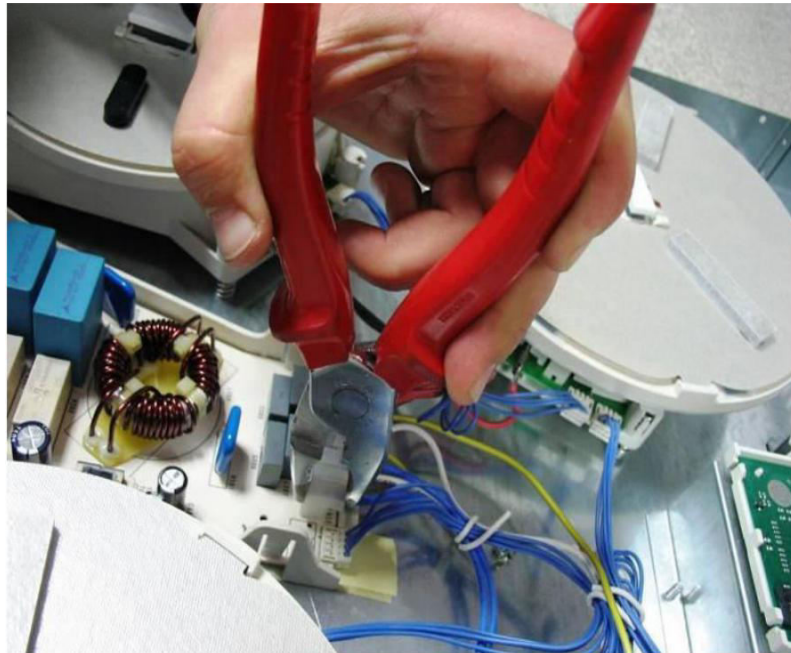


Remove all wirings connected :



DOUBLE OVEN COMBINE SERVICE MANUAL

While reassembling please refer to circuit diagrams



DOUBLE OVEN COMBINE SERVICE MANUAL

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.

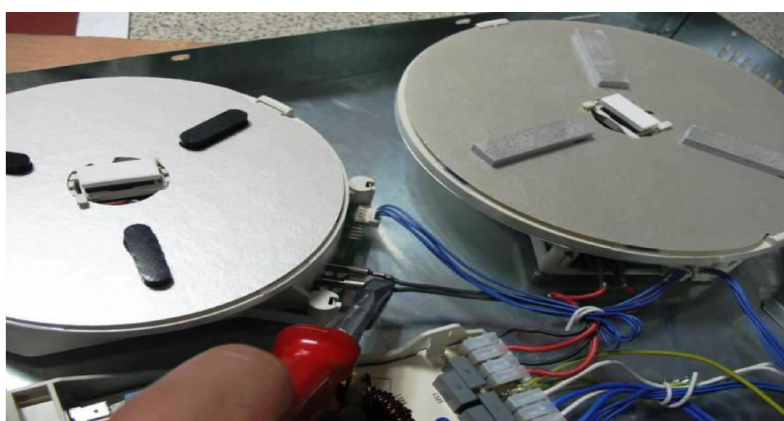


DOUBLE OVEN COMBINE SERVICE MANUAL

Remove ceramic glass of hob

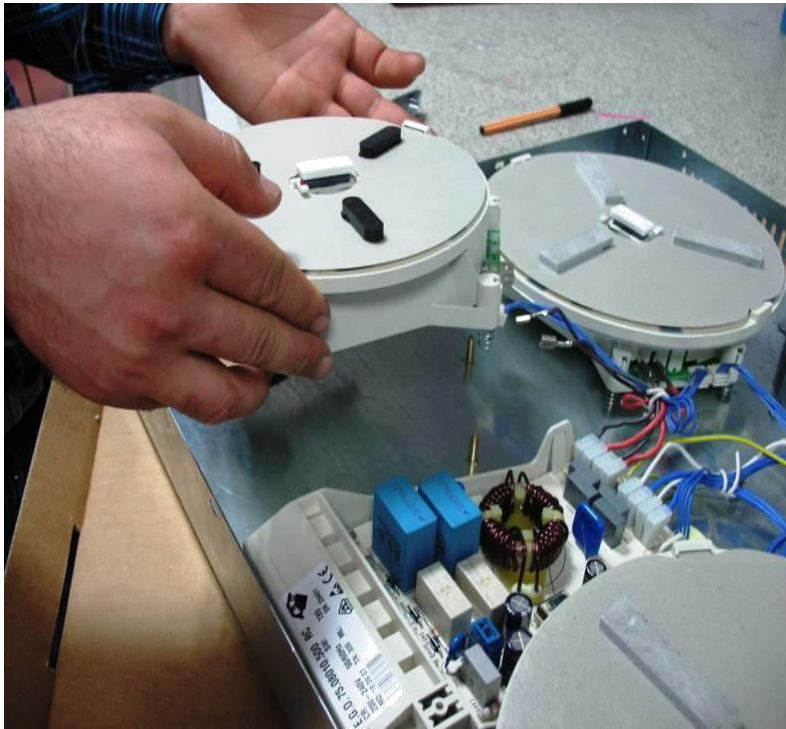


Pull off terminal connections on the heating element (IHE)



Remove heating element and change with another if necessary.

DOUBLE OVEN COMBINE SERVICE MANUAL



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



DOUBLE OVEN COMBINE 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