



THIS MANUAL UPDATES AND REPLACES THE PREVIOUS EDITION (SAME CODE)

© ELECTROLUX HOME PRODUCTS
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Built-in Ovens

**ACCESS TO THE
"ACCESS"
STRUCTURE"**

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1. INTRODUCTION

1.1 - PURPOSE OF THIS MANUAL

The purpose of this Manual is to provide a general outline of the methods of accessing the various versions of ACCESS ovens.

2 - ELECTRIC / ELECTRONIC OVENS

2.1 - DISMANTLING BUILT-IN OVENS

IMPORTANT: Always disconnect the appliance from the power socket before accessing internal parts.

Access to certain components is possible by pulling the oven partially out of the compartment. With the oven partially pulled out, the service engineer can access the components of the front panel and the electronic control unit; for access to the other components located in the rear section, it is necessary to remove the built-in oven completely from its compartment. To remove the oven:

1. Remove the 4 screws, located at the front of the front panel, which secure the appliance to the compartment (see Fig. 1 and 2)

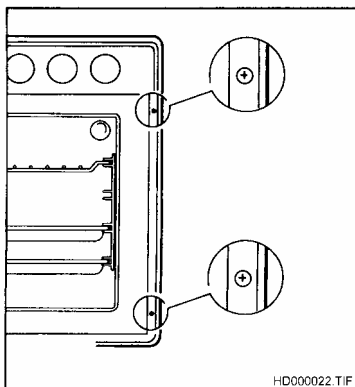


Fig. 1

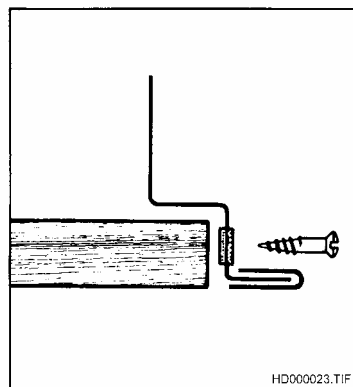


Fig. 2

2. Remove the oven (Fig. 3).



Fig. 3

2.2. DISCONNECTING FROM THE POWER SUPPLY

IMPORTANT: Before accessing any of the components inside the oven, it is essential to disconnect the oven from the power supply by removing the plug from the power socket or by turning the main switch on the domestic circuit (if featured) to "OFF".

2.3 - REMOVING THE CONTROL PANEL

In order to remove the control panel, first remove the rubber knob caps and, where featured, the knobs.

1. Open the oven door.
2. Slide off the rubber knob caps (and the control knobs).
3. Remove the two screws from the lower section of the front panel (see Fig. 4 and 5).
4. Slide the control panel upwards and release from the upper retaining tabs.

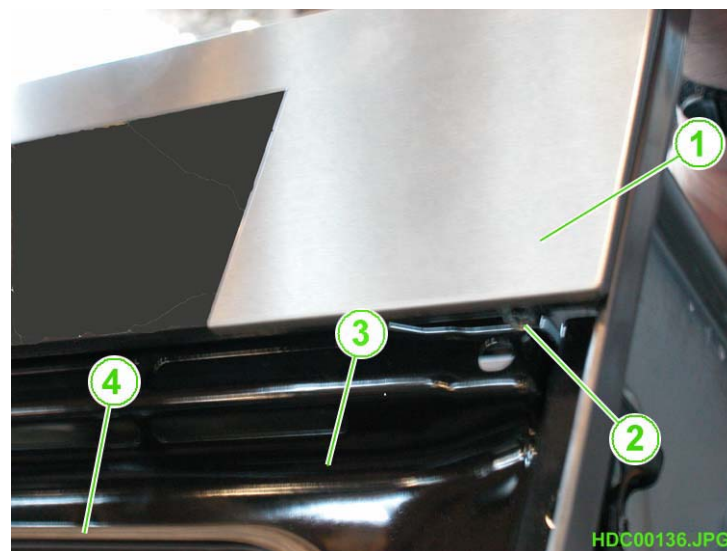
Fig. 4

Positions of the screws which secure the front panel



Fig. 5

- 1 - CONTROL PANEL
2. SCREW
3. OVEN FRONT PANEL
4. FRONT PANEL SEALING RING



2.4. REMOVING THE REAR PANEL (VARIOUS COMPONENTS AND LAMP-HOLDER)

In order to remove the rear panel, it is sufficient to remove the two upper screws. After removing the rear panel, the following components are accessible: the lamp-holder, the various heating elements, the convection fan motor, the spit motor, the terminal block/cable clamp, and the PT500 oven sensor.

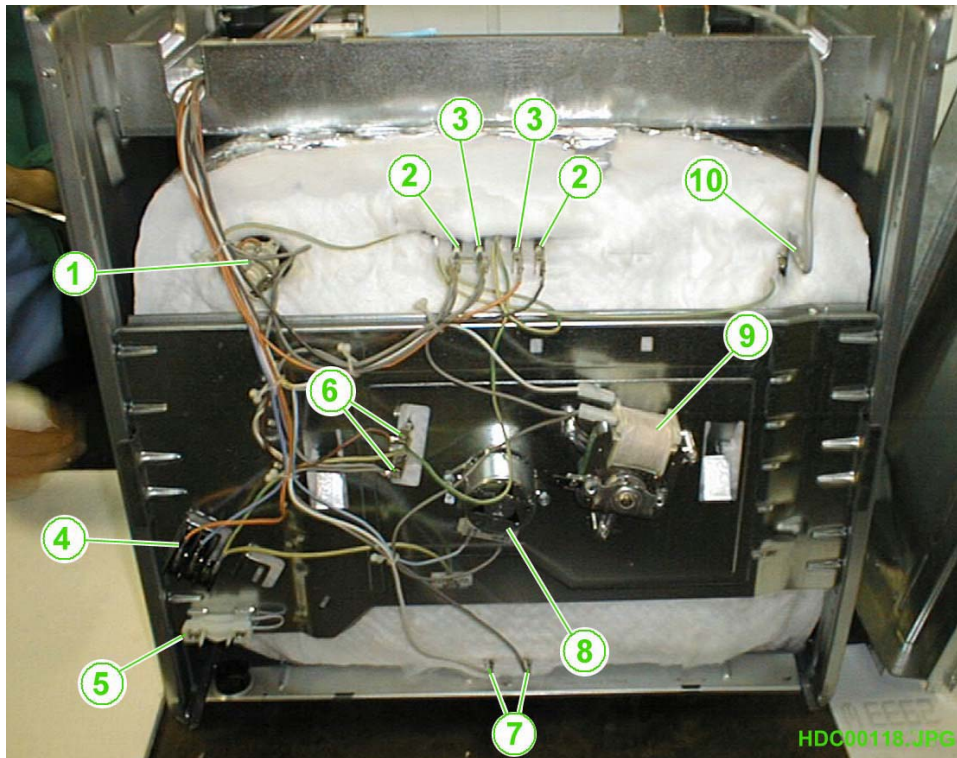


Fig. 6

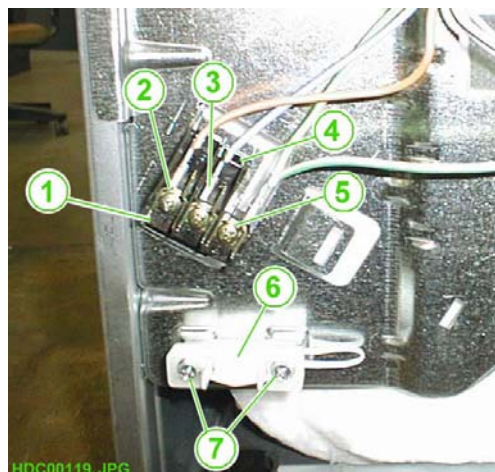
- | | |
|------------------------------|-------------------------------|
| 1. LAMP-HOLDER | 6. CONVECTION HEATING ELEMENT |
| 2. TOP PANEL HEATING ELEMENT | 7. LOWER HEATING ELEMENT |
| 3. GRILL HEATING ELEMENT | 8. SPIT MOTOR |
| 4. TERMINAL BLOCK | 9. CONVECTION FAN |
| 5. CABLE CLAMP | 10. PT500 OVEN SENSOR |

2.4.1 - REMOVING THE TERMINAL BLOCK

The terminal block for the electrical connections is pressure-fitted into its housing. To remove the terminal block, use a screwdriver to lever open the anchor tab.

Fig. 7

1. TERMINAL BLOCK
2. CONNECTION FOR LIVE WIRE
3. CONNECTION FOR NEUTRAL WIRE
4. HOLE FOR ANCHOR TAB
5. EARTH CONNECTION
6. CABLE CLAMP
7. CABLE CLAMP SCREWS

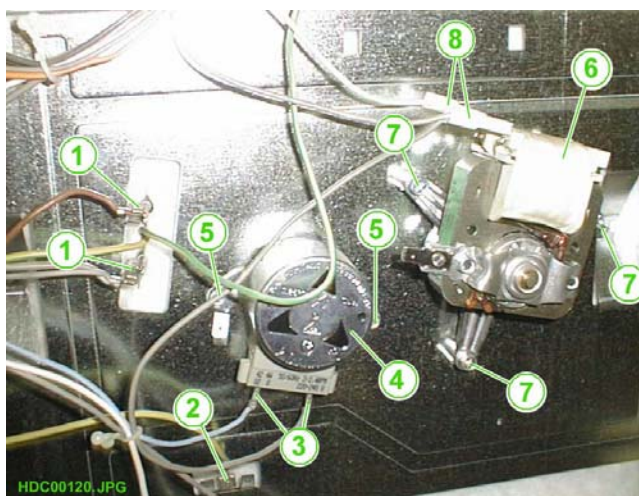


2.4.2. REMOVING THE SPIT MOTOR

In order to remove the spit motor, it is sufficient to unscrew the two screws which secure it in position (see fig. 8, pos. 5).

Fig. 8

- 1 - CONVECTION HEATING ELEMENT
2. EARTH CONNECTION
3. CONNECTION FOR SPIT MOTOR
4. SPIT MOTOR
5. SPIT MOTOR ANCHOR SCREWS
6. CONVECTION FAN
7. CONVECTION FAN ANCHOR SCREWS
8. CONNECTION FOR CONVECTION FAN



2.4.3 - REMOVING THE CONVECTION FAN

Proceed as follows to remove the convection fan:

- 1 Remove the fan blade assembly from the inside of the oven (see fig. 10, page 8).
 - 2 Detach the connector wires (carefully mark their position).
- Remove the three screws which secure the fan in position (fig. 8, pos. 7).

2.4.4 - REMOVING THE CONVECTION FAN BLADES

Proceed as follows to remove the convection fan blades:

Remove the grilles and the drip pan from the inside of the oven.
Unscrew the four screws (fig. 9) and remove the bottom panel from inside the oven.

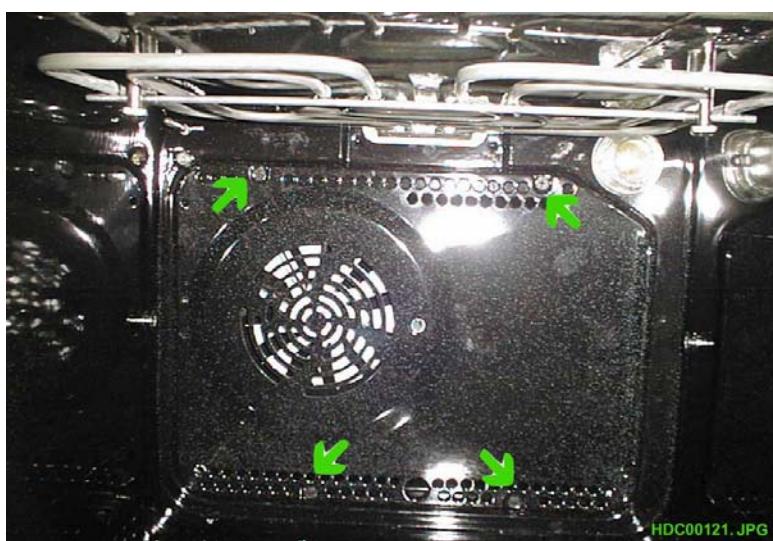


Fig. 9

2.4.5 - ACCESS TO THE FAN BLADE AND THE CIRCULAR HEATING ELEMENT

First, remove the panel from the inside of the oven. This gives access to the convection fan and the circular convection heating element.

Fig. 10

- 1 - UPPER HEATING ELEMENT
- 2 - GRILL HEATING ELEMENT
- 3 - SCREWS SECURING THE UPPER/GRILL HEATING ELEMENTS
- 4 - LAMP-HOLDER
- 5 - HOLE FOR SPIT MOTOR ANCHOR
- 6 - SCREWS SECURING THE CONVECTION HEATING ELEMENT
- 7 - SCREWS SECURING THE CONVECTION FAN
- 8 - CONNECTION FOR CONVECTION FAN
- 9 - CONVECTION HEATING ELEMENT



In order to remove the convection heating element, first remove the rear panel. Then:

1. From the rear section of the oven, detach the connector wires and carefully mark their positions (see fig. 6, pos. 6).

Remove the two screws (located inside the oven) (see fig. 10, pos).

Proceed as follows to remove the convection fan:

- 1 - Remove the central screw while holding the fan blades in position.
IMPORTANT: The screw is threaded in the opposite direction, i.e. must be turned counter-clockwise to tighten)

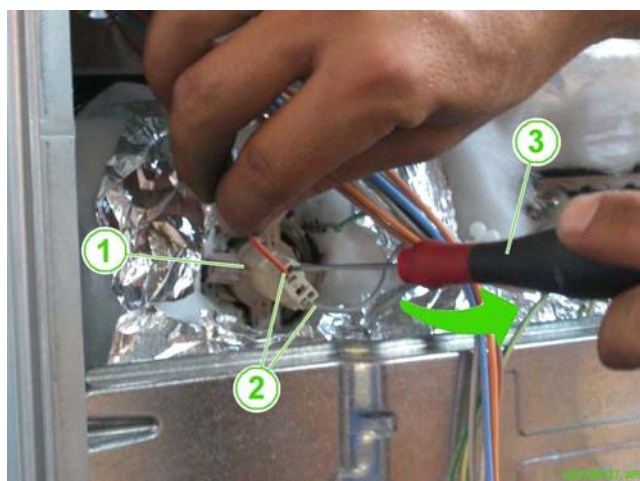
2.4.6 - REMOVING THE LAMP-HOLDER

Remove the rear panel, then proceed as follows to remove the lamp-holder:

- 1 - Using a screwdriver with a 3mm tip, detach the connector wires.

Fig. 11

- 1 - LAMP-HOLDER
- 2 - CONNECTOR WIRES
- 3 - 3mm SCREWDRIVER

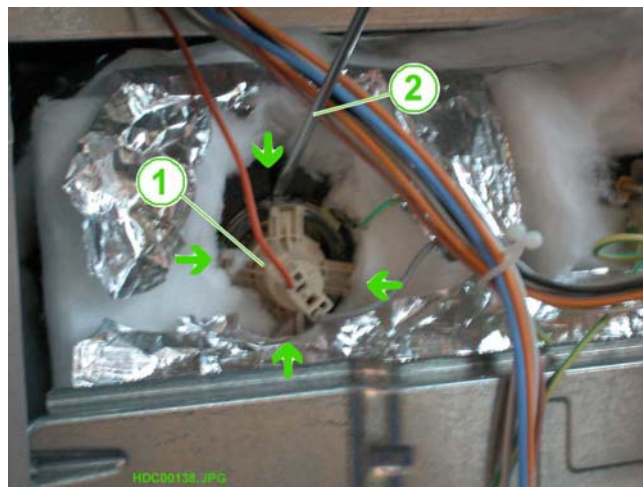


- Using a standard screwdriver, lever open the anchor tabs and release the lamp-holder (see Fig. 12).

Fig. 12

- 1 - LAMP-HOLDER
- 2 - SCREWDRIVER

N.B.: The arrows indicate the positions of the anchor tabs



2.5 - REMOVING THE FRONT PANEL SEALING RING

In order to remove the front panel sealing ring, it is sufficient to detach the four anchor elements from the relative holes, and pull the sealing ring outwards (see Fig. 13 and 14).

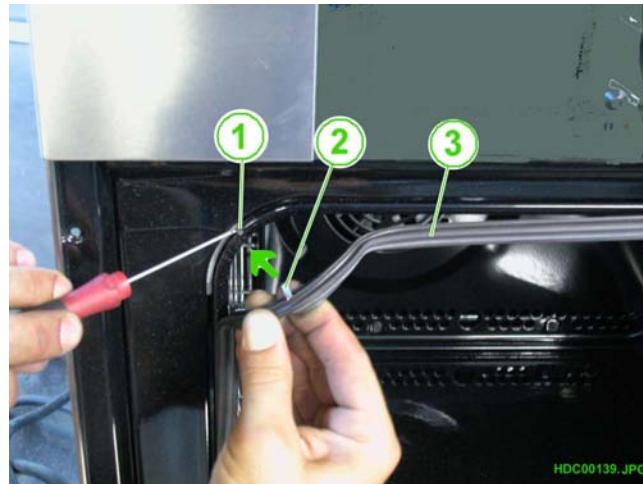
Fig. 13

ANCHOR POINTS FOR THE FRONT PANEL SEALING RING



Fig. 14

- 1 - HOLE FOR SECURING THE ANCHOR ELEMENT
- 2 - SEALING RING ANCHOR ELEMENT
- 3 - FRONT PANEL SEALING RING



2.6 - UPPER PANELS (CONTROL COMPONENTS AND CIRCUIT BOARDS)

The upper section features two panels.

The smaller panel gives access to the electronic circuit boards and the control components; the larger panel covers the tangential cooling fan.

2.6.1 - SMALL UPPER PANEL (CONTROL COMPONENTS AND CIRCUIT BOARDS)

Removal of the smaller panel provides access to the electronic circuit boards:

- in the electromechanical version, the control components (oven thermostat, function selector, energy regulator, pilot lamps etc.)
- in the electronic version, the electronic circuit boards (control unit and power board) and the various control components.

ELECTROMECHANICAL VERSION

1. Remove the screws which secure the smaller upper panel

Fig. 15

Screws securing the smaller upper panel

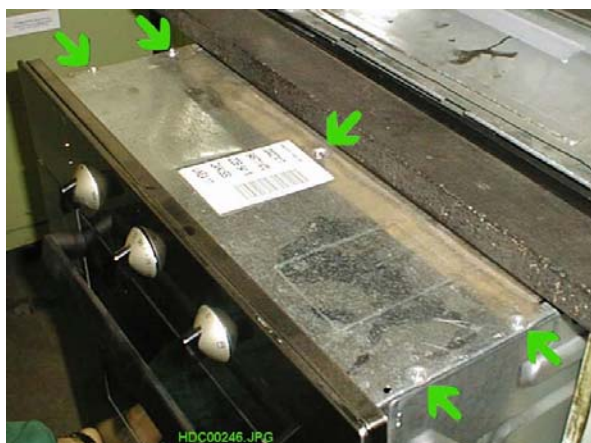
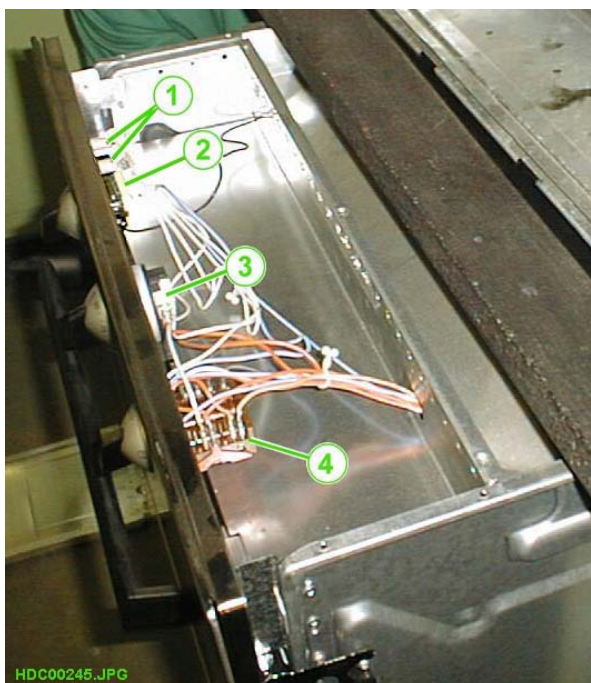


Fig. 16

1. PILOT LIGHT
2. OVEN THERMOSTAT
3. END-OF-COOKING THERMOSTAT
4. FUNCTION SELECTOR



If it should be necessary to remove a control component (oven thermostat, function selector, energy regulator, pilot lamps etc.), proceed as follows:

1. Remove the front control panel.
2. Detach the wires from the component (note the position of each).
3. Remove the screws which secure the component (from the front section, beneath the front control panel)
4. Remove the component.

ELECTRONIC VERSION

1. Remove the screws which secure the smaller upper panel

Fig. 17

Screws securing the smaller upper panel

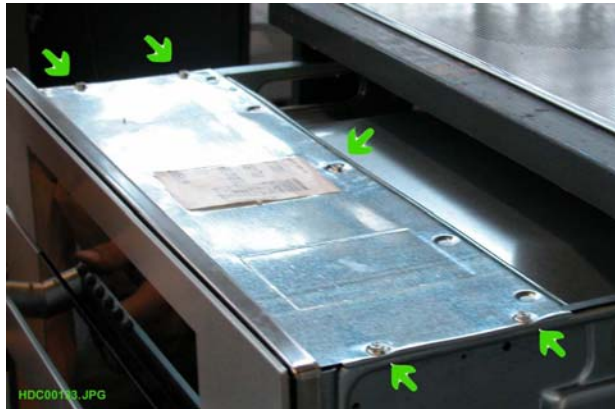
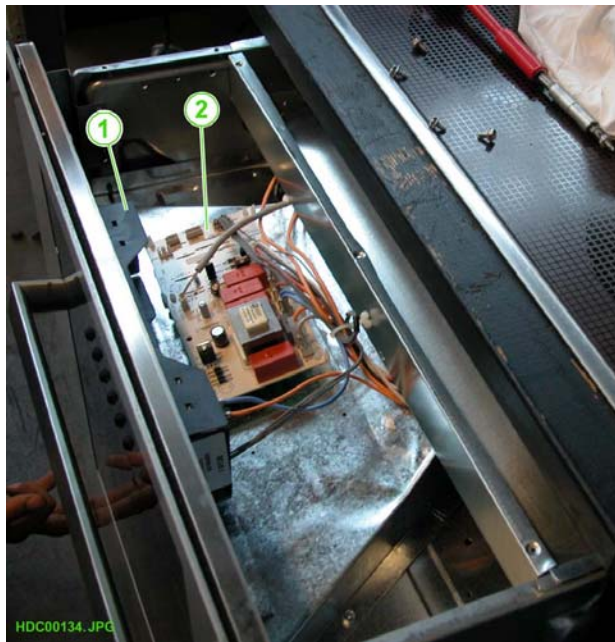


Fig. 18

1 - KRONOS CONTROL UNIT
2 - POWER BOARD

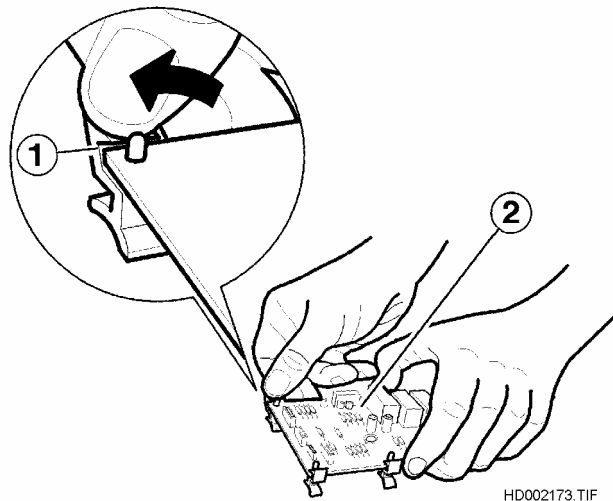


Proceed as follows to remove a circuit board:

- 1 - Detach the wires (noting the position of each).
- 2 - Detach the circuit board from the elastic plastic tabs (see pic. 19)
- 3 - Remove the circuit board

Fig. 19

1 - PLASTIC ANCHOR TABS
SECURING THE CIRCUIT
BOARDS
2 - KRONOS POWER BOARD



2.6.2. UPPER PANEL (FAN AND SAFETY THERMOSTAT)

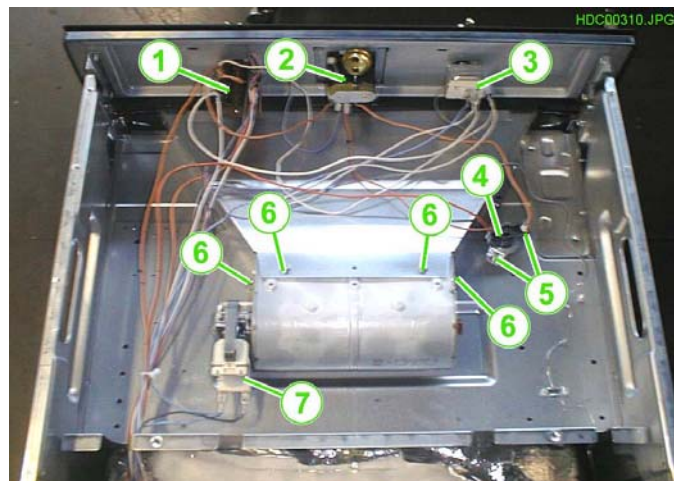
In both types of oven (electromechanical and electronic), removal of the upper panel provides access to the tangential cooling fan and the safety thermostat. Proceed as follows to remove one of the components.

1. Remove the screws which secure the upper panel in position.
2. Detach the connector wires from the tangential cooling fan (or thermostat).
3. Remove the screws which secure the fan (or thermostat) in position.
4. Remove the component

ELECTROMECHANICAL VERSION

Fig. 20

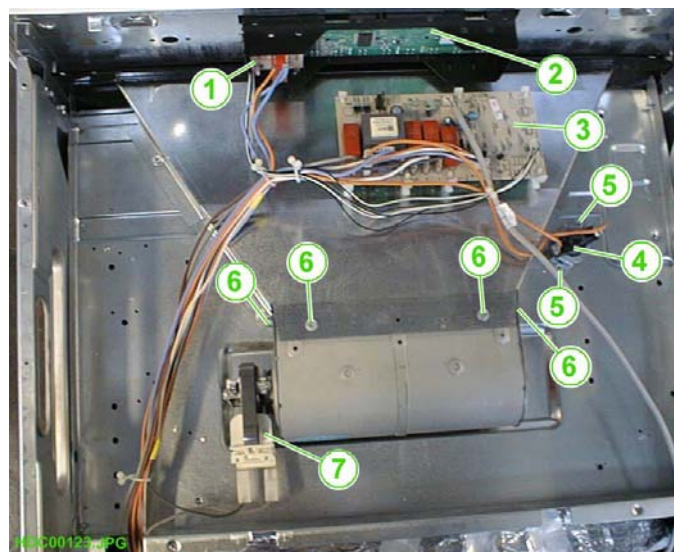
1. FUNCTION SELECTOR
2. END-OF-COOKING TIMER
3. OVEN THERMOSTAT
4. SAFETY THERMOSTAT
4. SAFETY THERMOSTAT
- 5 - THERMOSTAT ANCHOR SCREWS
- 6 - COOLING FAN ANCHOR SCREWS
- 7 - COOLING FAN



ELECTRONIC VERSION

Fig. 21

1. GRILL RELAY BOARD
2. CONTROL UNIT BOARD
3. POWER BOARD
4. SAFETY THERMOSTAT
5. THERMOSTAT ANCHOR SCREWS
6. COOLING FAN ANCHOR SCREWS
7. COOLING FAN



2.7. REMOVING THE LATERAL UPRIGHTS FOR THE FRONT PANEL

- Pull the oven out of the cabinet.

1. Remove the screws which secure the lateral uprights.
2. Tilt the oven towards the rear.
3. Slide the lateral uprights from the lower section of the oven

Fig. 22

- 1-5. ANCHOR SCREWS
6 - LATERAL UPRIGHT

(Refer to Fig. 46 on page 26 for details of all the screws fitted to the sides)

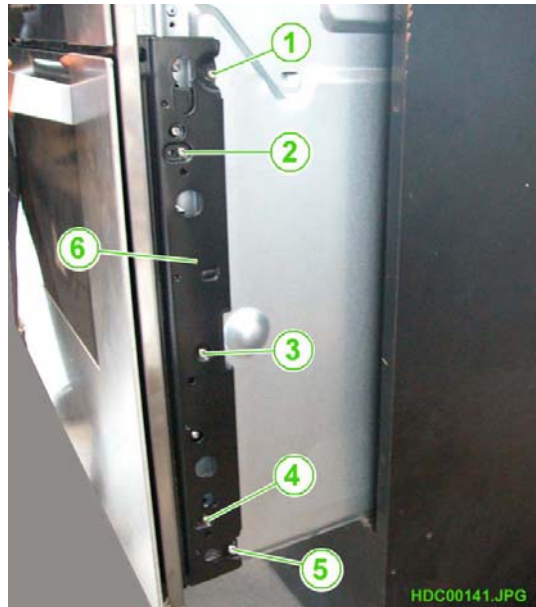
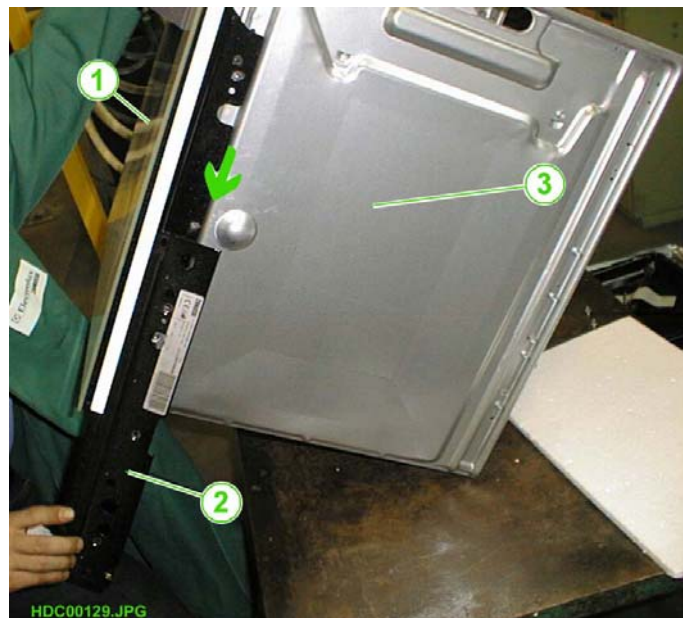


Fig. 23

- 1 - OVEN DOOR
2 - LATERAL UPRIGHT
3 - OVEN SIDE PANEL



2.8. REMOVING THE NORMAL OVEN DOOR

The procedure for removal of the oven door is identical to that for previous models.

1. Open the door completely.
2. Raise the two hinge arrests (see Fig 24, 25 and 26)
3. Slide the door upwards.

Fig. 24

- 1 - FRONT PANEL SEALING RING
- 2 - FRONT PANEL OF OVEN
- 3 - INNER SIDE OF DOOR (INNER DOOR)
- 4 - HINGE
- 5 - HINGE ARREST LEVER

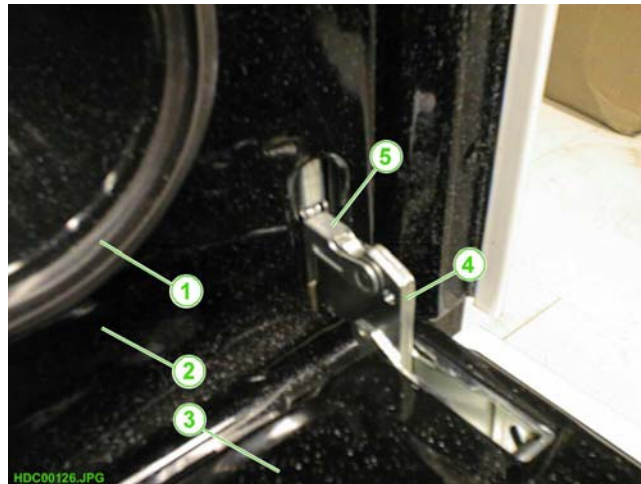


Fig. 25

- 1 - HINGE ARREST LEVER (IN THE RAISED POSITION)
- 2 - HINGE

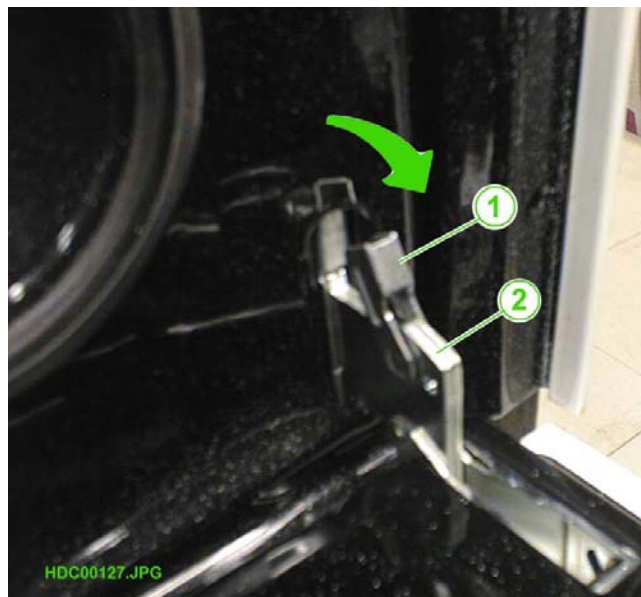
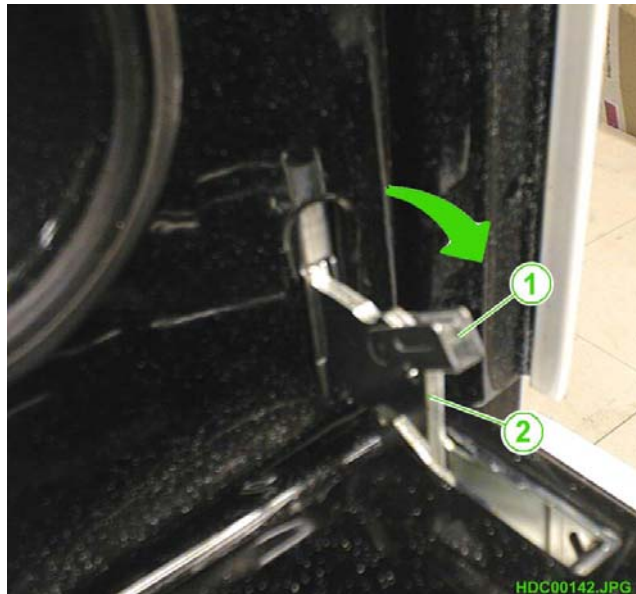


Fig. 26

- 1 - HINGE ARREST LEVER (IN LOCKED POSITION)
- 2. HINGE



N.B. ∴ When replacing the door, remember to raise the hinge arrest lever fully to its original position before re-closing the door.

2.8.1. REMOVING THE EXTERNAL GLASS PANEL

First, remove the door from the oven. Then proceed as follows:

- 1. Remove the two screws from the lower section of the inner door (see Fig 27, Pos. 5)
- 2. Slide the glass panel upwards to release it from the anchor plate.



Fig. 27

- 1 - INNER DOOR
- 2. EXTERNAL DOOR GLASS
- 3. HINGE (RIGHT)
- 4. HINGE SCREW
- 5 - SCREWS SECURING THE EXTERNAL GLASS PANEL
- 6. HINGE SCREW
- 7. HINGE (LEFT)
- 8. INTERNAL GLASS PANEL

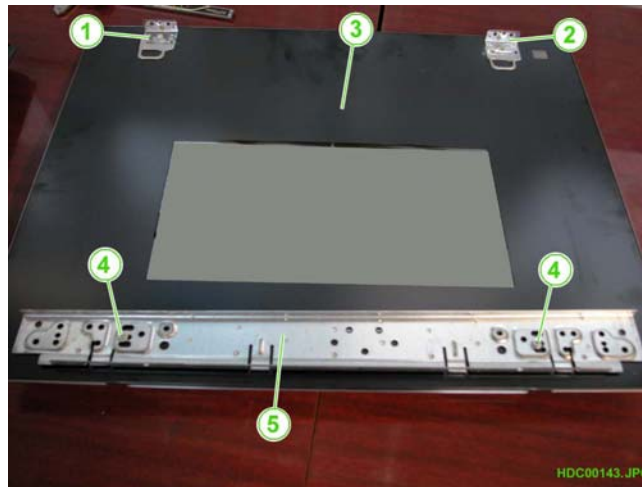
2.8.2. REMOVING THE OVEN DOOR HANDLE

First, remove the external glass panel. This provides access to the oven door handle.

1. Remove the two screws located on the inside of the door (see Fig. 28 Pos. 4).

Fig. 28

- 1 - GLASS ANCHOR BRACKET (LOWER LEFT)
- 2 - GLASS ANCHOR BRACKET (LOWER RIGHT)
- 3 - EXTERNAL GLASS PANEL
- 4 - SCREWS SECURING THE HANDLE
- 5 - DOOR GLASS PANEL FIXING CROSSPIECE

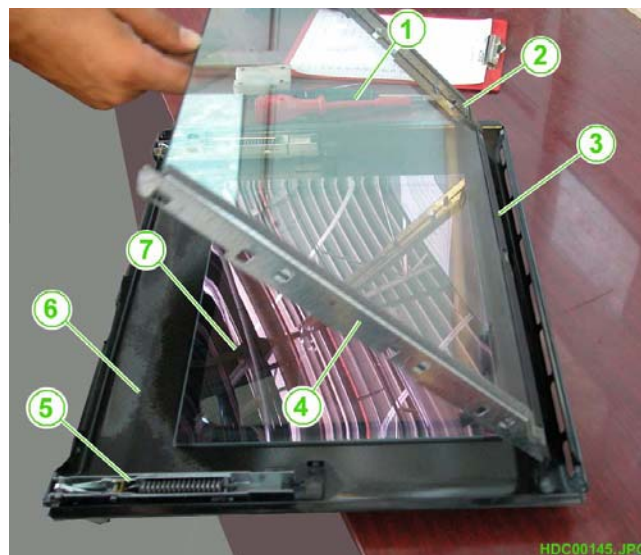


2.8.3 - REMOVING THE CENTRAL GLASS PANEL (DOORS WITH 3 GLASS PANELS)

First, remove the external glass panel from the door. This provides access to the internal glass panel.

Fig. 29

- 1 - CENTRAL GLASS PANEL
- 2 - LEFT UPRIGHT FOR CENTRAL GLASS PANEL
- 3 - DOOR AIR DUCT
- 4 - RIGHT UPRIGHT FOR CENTRAL GLASS PANEL
- 5 - HINGE
- 6 - INNER DOOR
- 7 - INTERNAL GLASS PANEL ON INNER DOOR



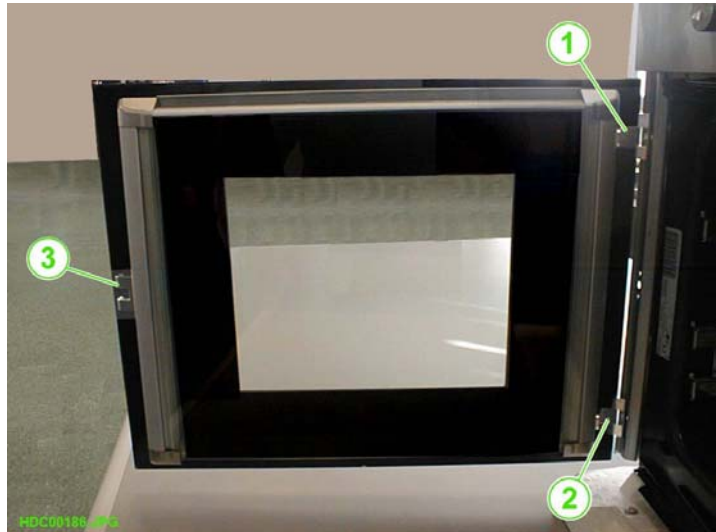
2.9. REMOVING THE FOLDING OVEN DOOR

Remove the 2 anchor screws which secure the upper hinge to desmount the oven door and the 2 of the lower hinge (see Fig. 30).

POSITION OF THE HINGES AND THE DOOR LOCK

Fig. 30

- 1 - UPPER HINGE
- 2 - LOWER HINGE
- 3 - DOOR LOCK



POSITION OF THE HINGES ANCHOR SCREWS

Fig. 31

- 1 - UPPER HINGE
- 2 - LOWER HINGE



HINGE ANCHOR SCREWS

Fig. 32

1. DOOR HINGE
2. LOWER SCREW
3. UPPER SCREW



2.9.1. REMOVING THE TERMINAL COVERS

The door must be removed before removing the terminal covers.

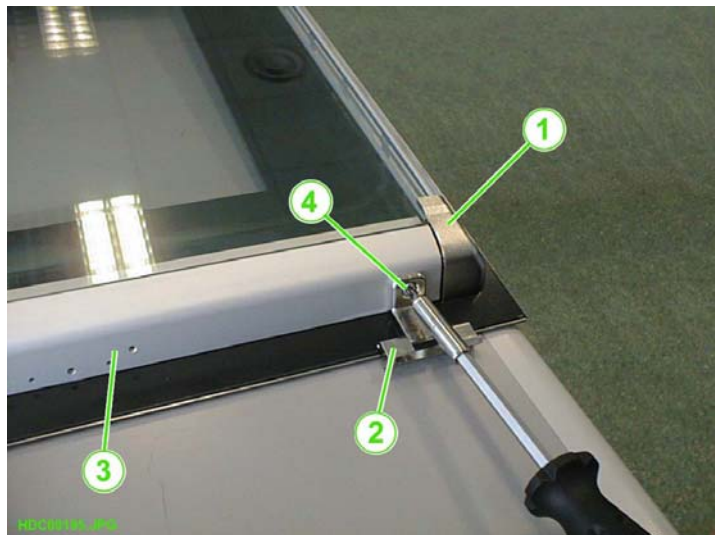
To remove the door hinges, simply remove the screws which secure them in position (see fig. 33).

HINGE AND TERMINAL COVER

Fig. 33

1. TERMINAL COVER
2. HINGE
3. SUPPORT UPRIGHT FOR INTERNAL GLASS DOOR
4. SCREW FOR HINGE AND TERMINAL COVER

N.B. The screws which secure the hinge also secure the upper and lower terminal covers to the support upright for the internal glass door.



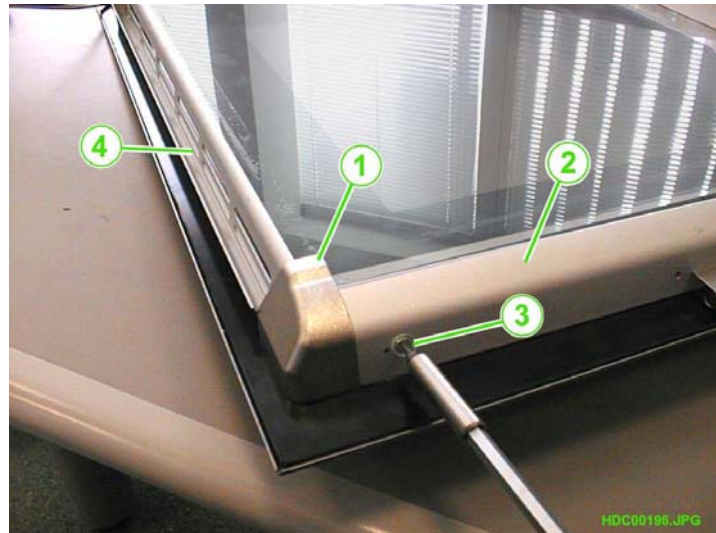
Removing the upper terminal cover:

1. Remove the screw which secures the terminal cover (Fig. 34)

REMOVING THE TERMINAL COVER (DOOR LOCK SIDE)

Fig. 34

1. TERMINAL COVER
2. SUPPORT UPRIGHT FOR INTERNAL GLASS DOOR
3. TERMINAL COVER ANCHOR SCREW
4. UPPER PROFILE



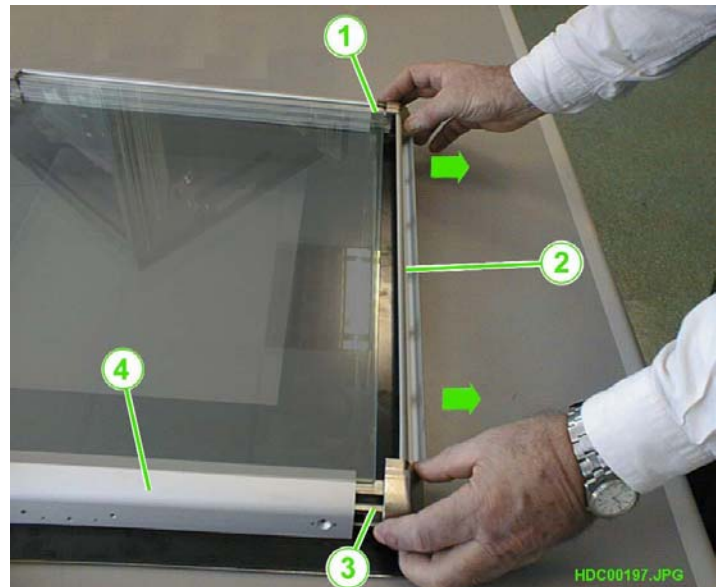
2. Remove the terminal covers (Fig. 35)

REMOVING THE UPPER TERMINAL COVERS

Fig. 35

1. UPPER RIGHT-HAND TERMINAL COVER
2. UPPER PROFILE
3. UPPER LEFT-HAND TERMINAL COVER
4. SUPPORT UPRIGHT FOR INTERNAL GLASS DOOR

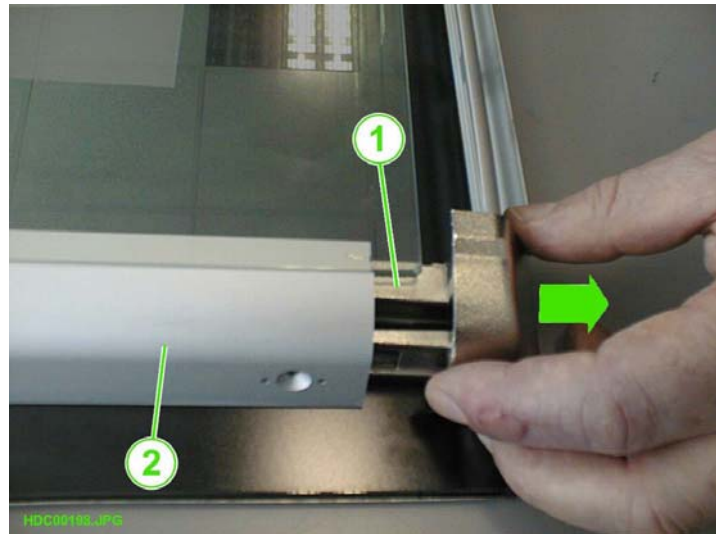
N.B.: The upper profile slots into the two upper terminal covers.



UPPER TERMINAL COVER

Fig. 36

1. TERMINAL COVER
2. SUPPORT UPRIGHT FOR INTERNAL GLASS PANEL



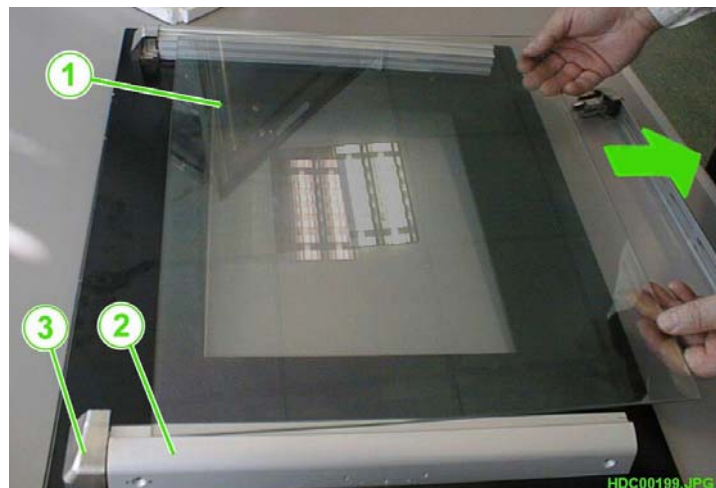
After removing the upper terminal covers and the upper profile, the internal glass panel can be removed from the door (Fig. 37).

REMOVING THE INTERNAL GLASS PANEL

Fig. 37

1. INTERNAL GLASS PANEL
2. SUPPORT UPRIGHT FOR INTERNAL GLASS DOOR
3. TERMINAL COVER

N.B.: The support uprights for the internal glass panel form part of the external glass door assembly, as they are joined by silicone to the external glass panel.



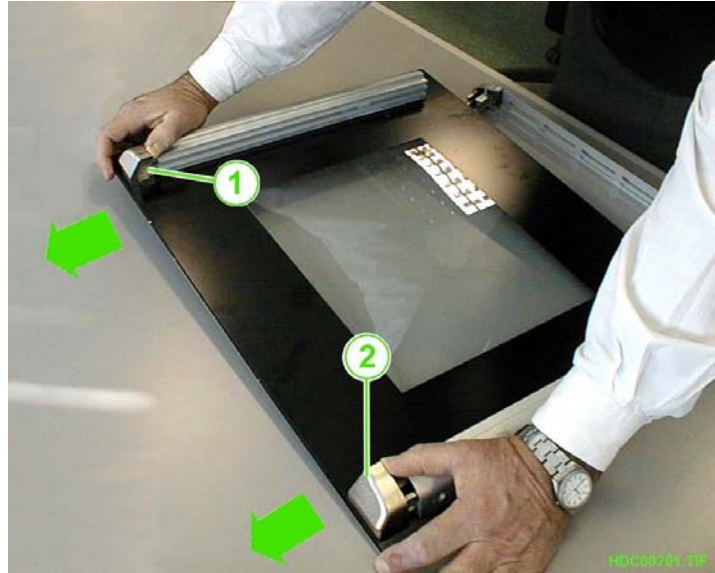
After removing the internal glass panel, proceed as follows to remove the lower terminal covers:

1. Remove the screws which secure the terminal covers in position.
2. Remove the terminal covers (Fig. 38)

REMOVING THE LOWER TERMINAL COVERS

Fig. 38

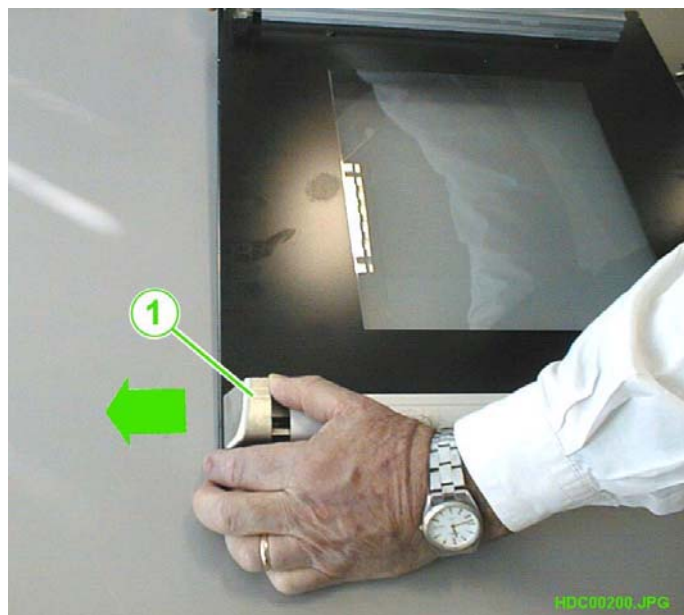
1. LEFT-HAND LOWER TERMINAL COVER
2. RIGHT-HAND LOWER TERMINAL COVER



LOWER TERMINAL COVER

Fig. 39

1. LOWER TERMINAL COVER



2.10. HEATPROOF GLASS PANELS

Glass components of the oven which are subjected to a special heat treatment on one surface are referred to as "heatproof glass".

This special treatment improves the heat insulation of the glass (i.e. reduces the temperature on the external surface of the door).

When fitting the glass panel to the oven door, it is necessary to ensure that the treated surface faces outwards.

If the glass panel is fitted with the treated surface facing inwards, the efficiency of the heat insulation will be reduced.

If the glass is not silk-screened, it is necessary to measure the resistance (the treated side is conductive).

IDENTIFYING THE SURFACE WITH HEAT TREATMENT

When the resistance is measured using an ohmmeter, the surface without heat treatment must give an "infinite" reading.



Fig. 40

The surface with heat treatment must have a resistance of about 200 ohm.

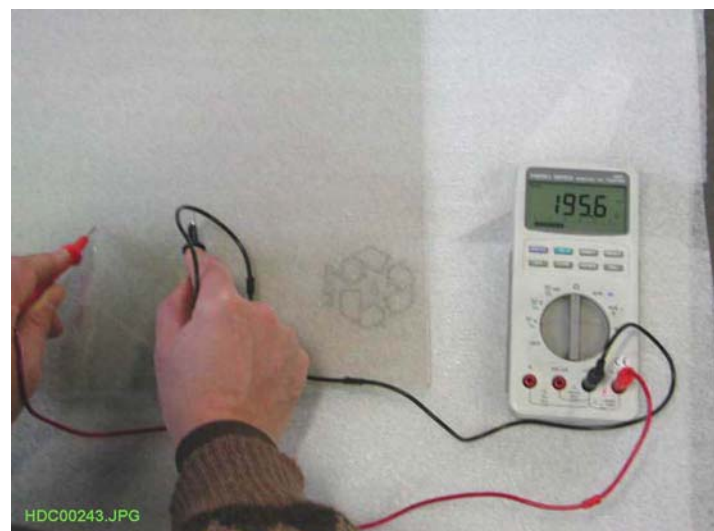


Fig. 41

2.11. REMOVING THE FRONT PANEL

After removing the door and the front seal, proceed as follows to access the front panel of the oven:

1. Remove the 7 screws which secure each of the lateral uprights (right and left).

(Refer to fig. 46 on page 26 for the types of screws)



Fig. 42

2. Remove the screw from the bottom of the oven.

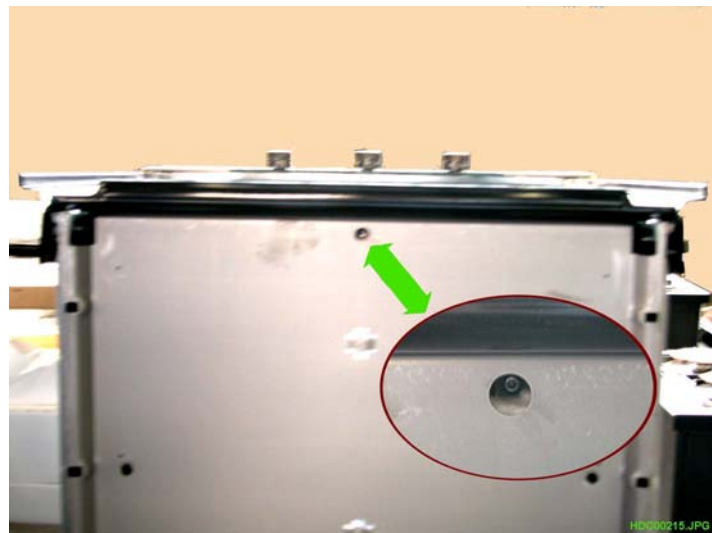


Fig. 43



Fig. 44

3. Remove the front panel



Fig. 45

Proceed as follows to replace the front panel:

1. Position the upper edge of the panel first.
2. Move the lower edge into position
3. First fit the screws which secure the panel to the external casing, then the screws which secure the panel to the muffle (oven compartment).

IMPORTANT: Before inserting the screws, adjust the position of the front panel so that it is in alignment with the holes. If necessary, raise the muffle slightly.

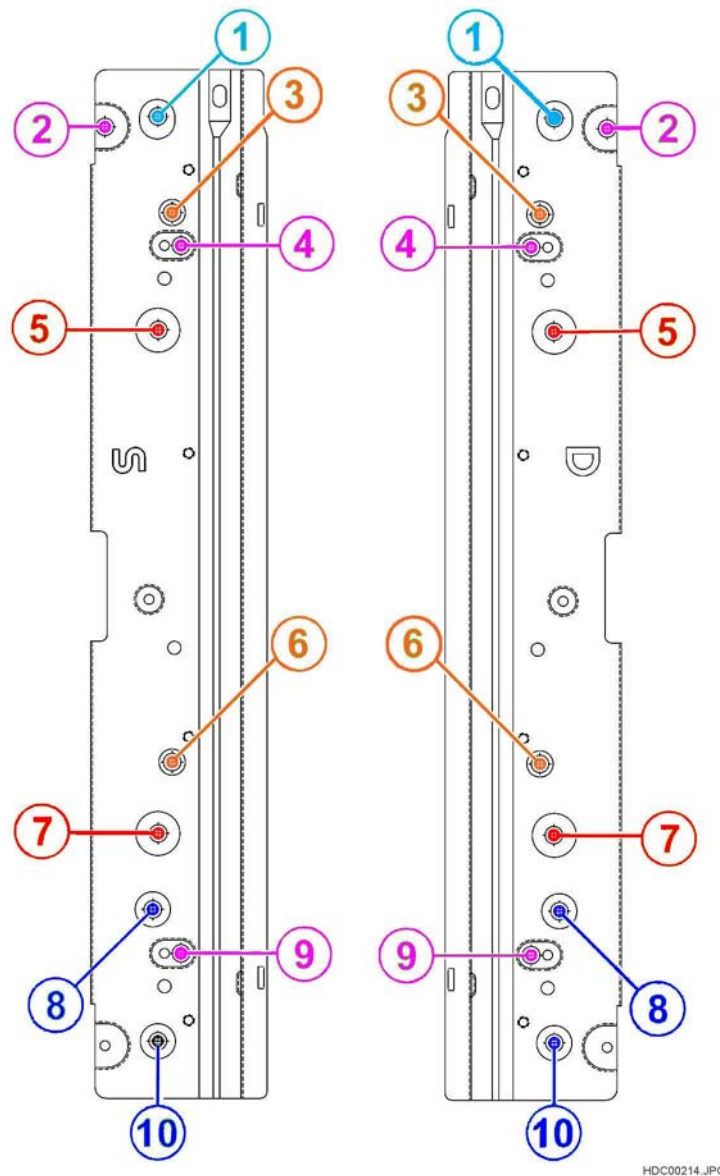
If difficulties are encountered when replacing the front panel, proceed as follows:

1. Remove the lateral uprights.
2. Insert the front panel as described above.
3. Fit the internal screws which secure the front panel to the casing.
4. Replace the lateral uprights.

N.B.: Access to the front panel in the manner described above refers to appliances with serial numbers starting from **336**.....

In the case of preceding models (a few hundred appliances only), some holes in the oven casing are not pre-drilled, which makes access more difficult. In order to access the screws that secure the front panel in position, it is necessary to move the muffle rearwards (loosen or remove the screws).

POSITIONS OF SCREWS ON LATERAL UPRIGHTS



HDC00214.JPG

Fig. 46

1. SCREW FOR CONTROL COMPARTMENT COVER
2. SCREW FOR UPRIGHT
3. SCREW FOR FRONT PANEL
4. SCREW FOR UPRIGHT
5. SCREW FOR FRONT PANEL / MUFFLE
6. SCREW FOR FRONT PANEL
7. SCREW FOR FRONT PANEL WITH UPRIGHT
8. SCREW FOR HINGE BRACKET
9. SCREW FOR UPRIGHT
10. SCREW FOR HINGE BRACKET

SCREW FUNCTIONS

- Secure control compartment cover Pos. 1 (light blue)
- Secure uprights Pos. 2, 4 e 9 (mauve)
- Secure front panel Pos. 3 e 6 (orange)
- Secure front panel/muffle Pos. 5 e 7 (red)
- Secure hinge bracket Pos. 8 e 10 (blue)

3. GAS OVENS

3.1. REMOVING THE BUILT-IN OVEN

IMPORTANT: Disconnect the appliance from the power supply before accessing internal components.

Access to certain components can be gained by removing the built-in oven partially from its compartment in the cabinet.

When the oven is partially pulled out, the engineer can access the components in the front control panel and the electronic control unit. In order to access the other components located in the rear section, it is necessary to remove the oven completely from the cabinet.

Proceed as follows to remove the oven:

- Remove the four screws which secure the oven to the casing. These are located at the front of the front panel (figg. 47 - 48).

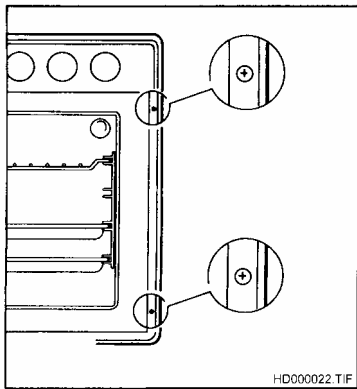


Fig. 47.

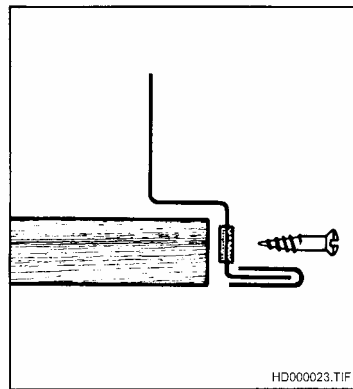


Fig. 48

3.2. DISCONNECTING THE OVEN FROM THE POWER SUPPLY

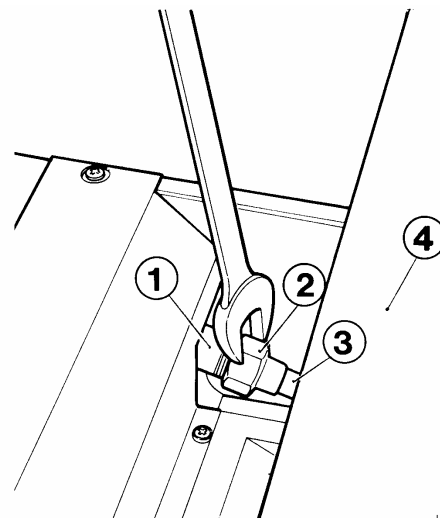
IMPORTANT: Before accessing any of the internal components, it is essential to disconnect the oven from the power supply by removing the plug from the socket or by positioning the switch on the power circuit (if any) to "OFF".

3.3 DISCONNECTING THE GAS SUPPLY

Proceed as follows to disconnect the gas supply:

1. Shut off the gas supply valve.
2. Remove the oven from the cabinet.
3. Remove the nut which secures the gas delivery pipe to the gas coupling on the oven (see fig. 49)

Fig. 49



1. GAS INLET COUPLING ON OVEN
2. NUT ON GAS COUPLING
3. GAS SUPPLY HOSE
4. CABINET WORKTOP

3.4. REMOVING THE CONTROL PANEL

To remove the control panel, first remove the rubber key covers and the knobs (if any). Then proceed as follows:

1. Open the oven door.
2. Remove the knobs.
3. Remove the steam venting grille.
4. Remove the two screws from the lower section of the front panel.
5. Remove the front panel by pulling upwards until the upper anchor tabs are released

Fig. 50

Position of the screws on the front panel



Fig. 51

1. HOLE FOR STEAM VENTING GRILLE SCREW
2. SCREW HEAD CAP
3. STEAM VENTING GRILLE

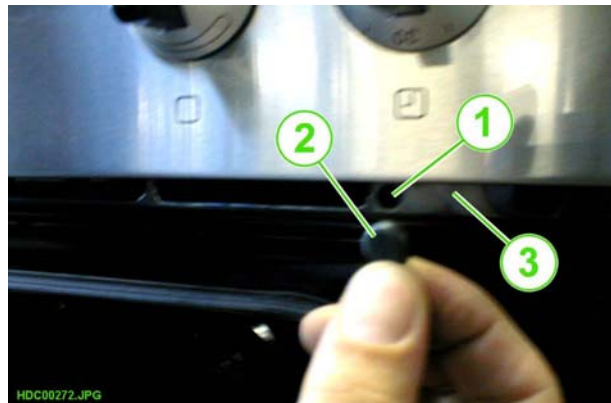
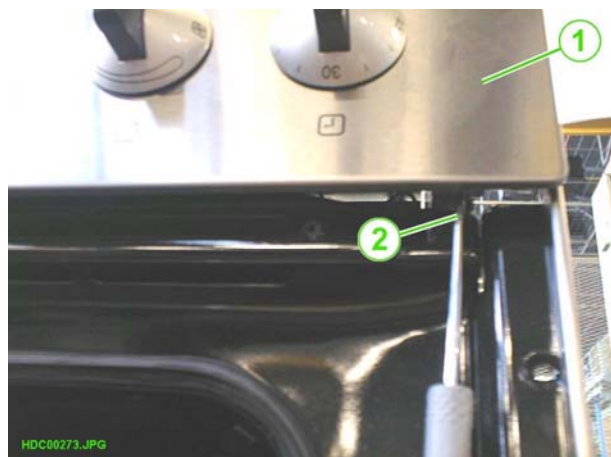


Fig. 52

1. CONTROL PANEL
2. CONTROL PANEL SCREW



3.5. REMOVING THE REAR PANEL (various components and lamp socket)

To remove the rear panel, simply remove the two upper screws.

This gives access to the following components: lamp socket, convection motor, spit motor, terminal block + wire clamp, grill heating element (if featured), spark generator and the oven burner coupling.

ELECTROMECHANICAL VERSION

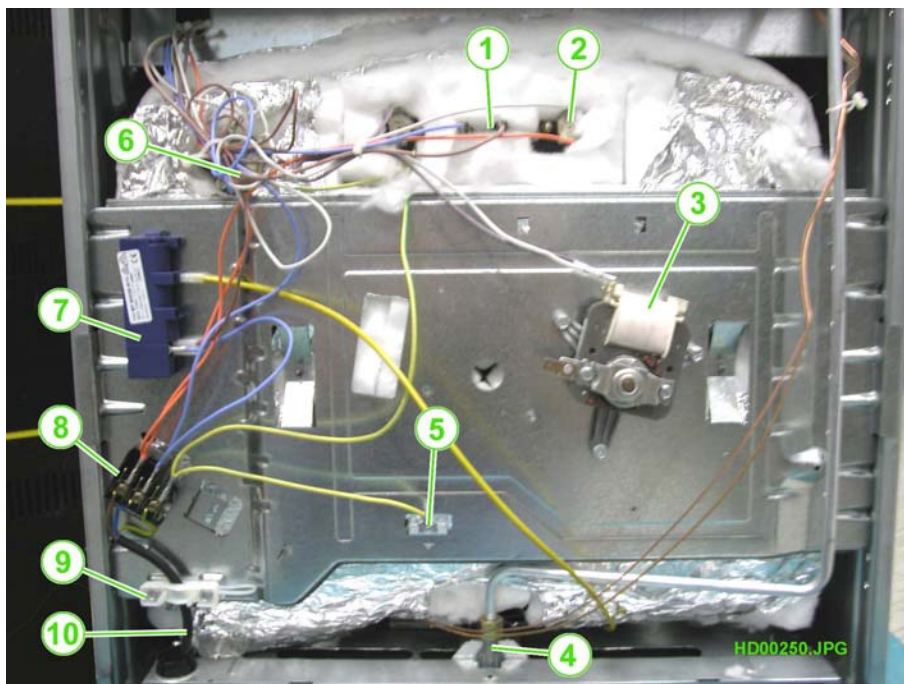


Fig. 54

- | | |
|---|---------------------|
| 1. GRILL HEATING ELEMENT | 5. EARTH CONNECTION |
| 2. OVERHEATING THERMOSTAT
(TANGENTIAL FAN CONTROL) | 6. LAMP SOCKET |
| 3. CONVECTION FAN | 7. SPARK GENERATOR |
| 4. GAS PIPE TO BURNER | 8. TERMINAL BLOCK |
| | 9. WIRE CLAMP |
| | 10. POWER CABLE |

ELECTRONIC VERSION

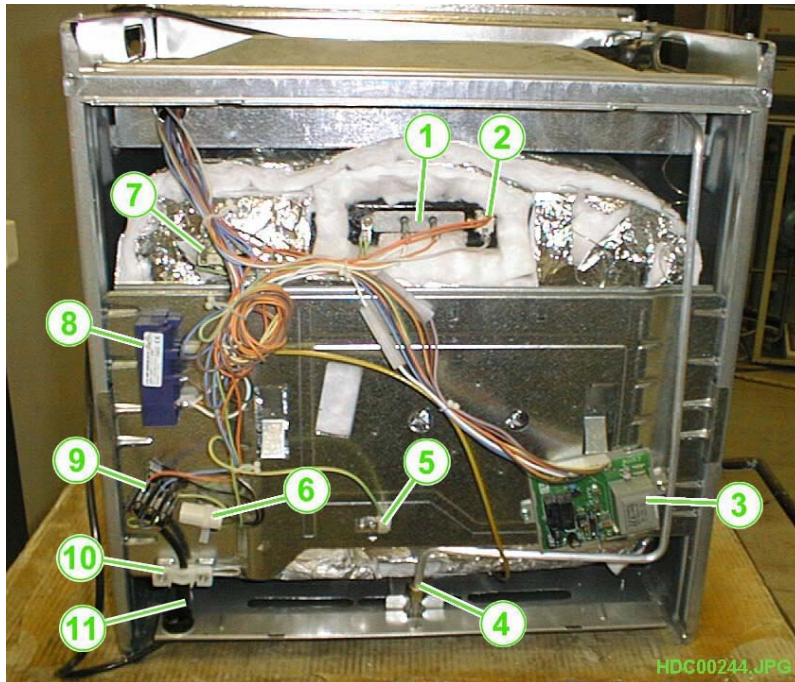


Fig. 54

- | | |
|---|--------------------|
| 1. GRILL HEATING ELEMENT | 6. SUPPRESSOR |
| 2. OVERHEATING THERMOSTAT
(TANGENTIAL FAN CONTROL) | 7. LAMP SOCKET |
| 3. PCB | 8. SPARK GENERATOR |
| 4. GAS PIPE TO BURNER | 9. TERMINAL BLOCK |
| 5. EARTH CONNECTION | 10. WIRE CLAMP |
| | 11. WIRE |

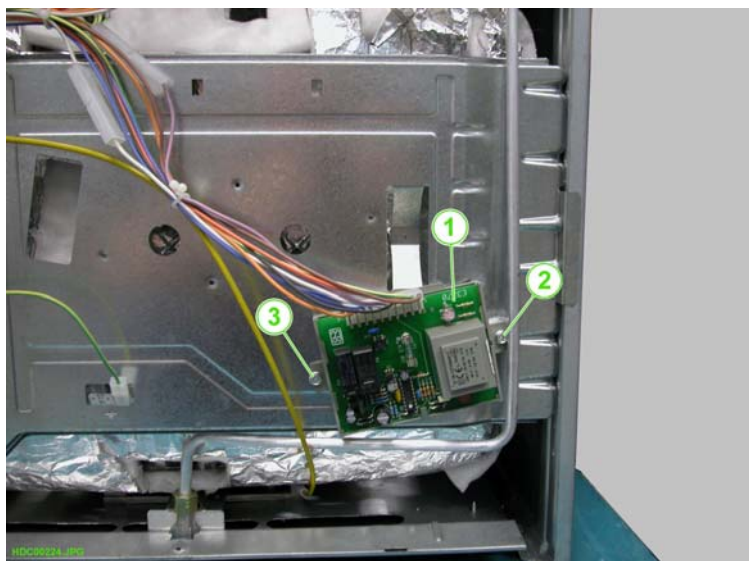
3.5.1. REMOVING THE PCB

Proceed as follows to remove the PCB:

1. Detach the wires (note the position of each).
2. Remove the screws securing the PCB (fig. 55).
3. Remove the PCB.

Fig. 55

1. PCB
2. SCREW
3. SCREW



3.6. REMOVING THE FRONT SEAL

The procedure for removal of the front panel seal from gas ovens is identical to that for electric or electronic ovens as described in section 2.5 "REMOVING THE FRONT SEAL" (see page 10).

3.7. UPPER PANELS (control components and boards)

The upper section features two panels.

The first panel provides access to the electronic boards (PCBs) and the control components; the second, larger panel covers the tangential cooling fan.

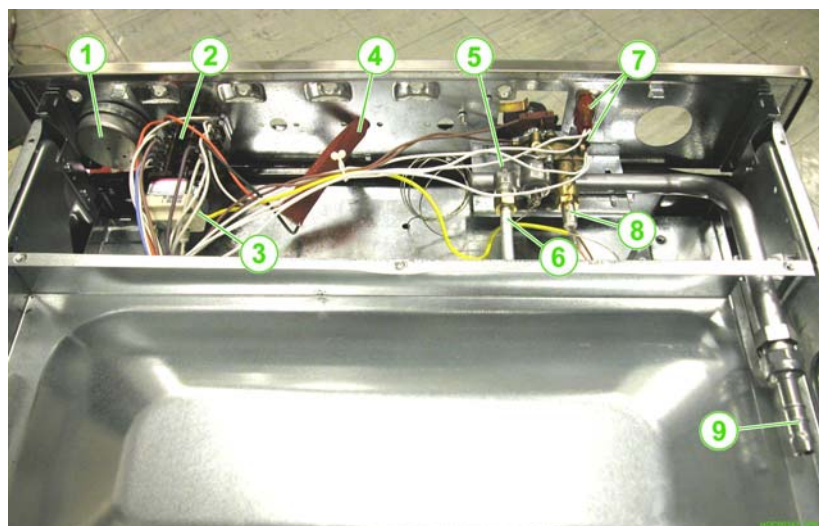
3.7.1. SMALL UPPER PANEL (control components and boards)

Removal of the smaller panel gives access to the following: in the electromechanical version, the control components (oven thermostat, function selector, energy regulator, pilot lamps etc.); in the electronic version, the electronic boards (PCBs) (control unit, power board etc.) and the control components.

ELECTROMECHANICAL VERSION

Fig. 56

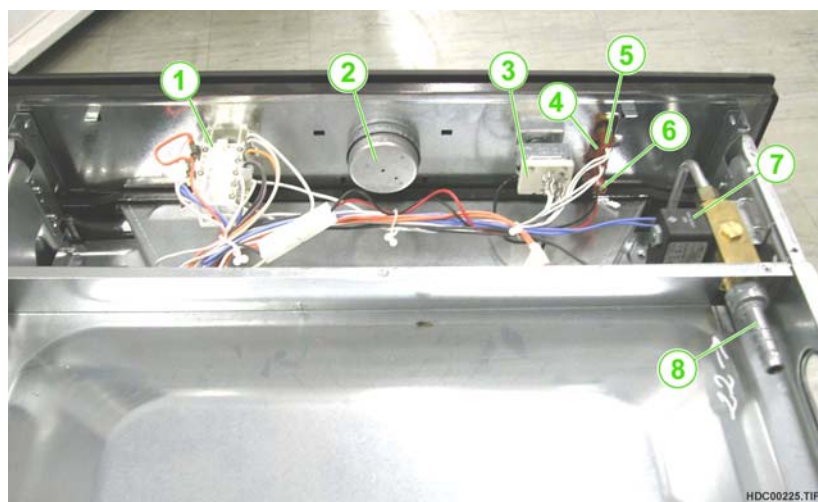
1. MINUTE-MINDER
2. FUNCTION SELECTOR
3. GRILL THERMOSTAT
4. WIRE FOR GRILL CUT-OFF MICROSWITCH
5. GAS THERMOSTAT
6. GAS CONNECTOR PIPE FOR BURNER
7. PILOT LAMPS
8. CONNECTOR FOR THERMOCOUPLE
9. GAS INLET COUPLING



ELECTRONIC VERSION

Fig. 57

1. OVEN SWITCH
2. MINUTE-MINDER
3. OVEN THERMOSTAT
4. PILOT LAMP
5. PILOT LAMP
6. PILOT LAMP
7. SOLENOID VALVE
8. GAS INLET COUPLING



3.7.2. REMOVING THE GRILL CUT-OFF MICROSWITCH AND THE "ON" MICROSWITCH (electromechanical versions only)

Before removing the grill cut-off microswitch and the "ON" microswitch, remove the knobs. Then, remove the front control panel.

Grill cut-off microswitch:

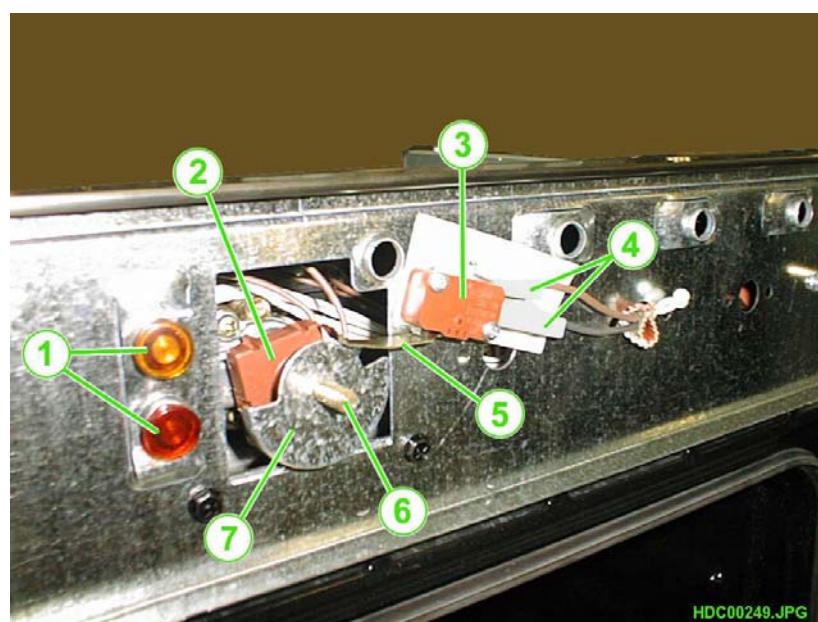
1. Remove the faston connector for the grill cut-off microswitch (note its position).
2. Remove the screws which secure the grill cut-off microswitch in position (see fig. 58).

"ON" microswitch:

1. Remove the grill cut-off control bracket (fig. 58, pos. 7).
2. Detach the wiring from the microswitch.
3. Detach the "ON" microswitch from the gas thermostat pin (fig. 58, pos. 2).

Fig. 58

1. PILOT LAMPS
2. "ON" MICROSWITCH
3. GRILL EXCLUSION MICROSWITCH
4. FASTON CONNECTOR FOR GRILL EXCLUSION MICROSWITCH
5. CONTROL LEVER FOR GRILL EXCLUSION MICROSWITCH
6. GAS THERMOSTAT CONTROL SPINDLE
7. CONTROL BRACKET FOR GRILL EXCLUSION MICROSWITCH



3.7.3. UPPER PANEL (fan and safety thermostat)

In both types of oven (electromechanical and electronic), the tangential cooling fan can be accessed by removing the upper panel from the oven.

Proceed as follows to remove the tangential cooling fan:

1. Remove the screws which secure the upper panel in position.
2. Detach the wires from the tangential cooling fan.
3. Remove the screws which secure the tangential cooling fan (fig. 59, pos. 9, and fig. 60, pos. 7).
4. Remove the tangential cooling fan.

ELECTROMECHANICAL VERSION

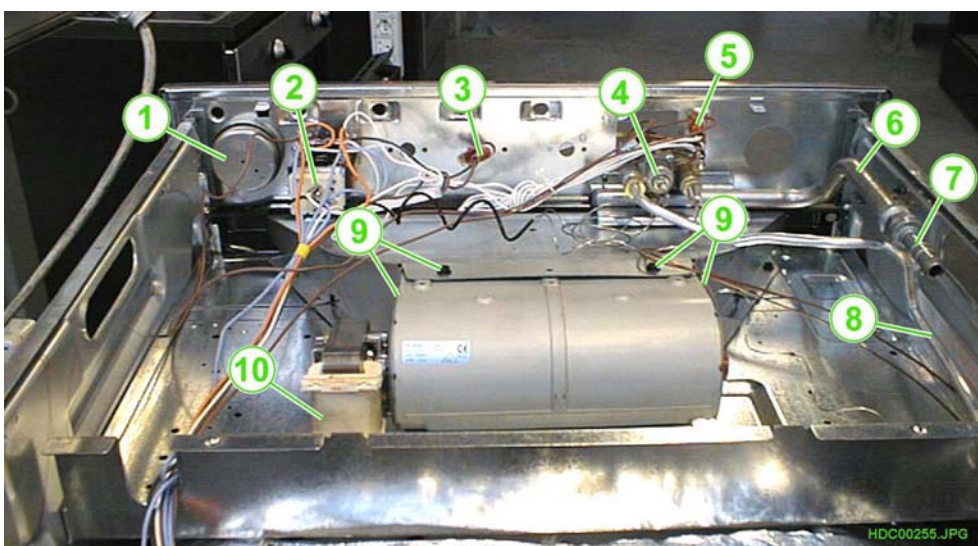


Fig. 59

- | | |
|---|-------------------------------------|
| 1. MINUTE-MINDER | 6. GAS DELIVERY PIPE |
| 2. FUNCTION SELECTOR + GRILL THERMOSTAT | 7. GAS INLET COUPLING |
| 3. PILOT LAMP | 8. GAS DELIVERY PIPE TO OVEN BURNER |
| 4. GAS THERMOSTAT | 9. COOLING FAN SCREWS |
| 5. PILOT LAMP | 10. COOLING FAN |

ELECTRONIC VERSION

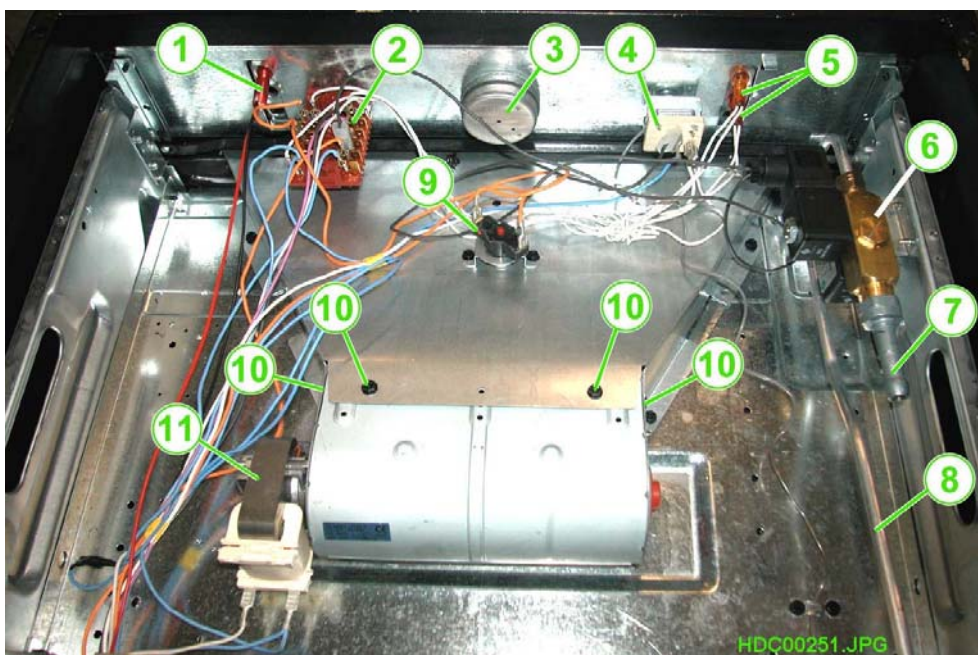


Fig. 60

- | | |
|----------------------|-------------------------------------|
| 1. PILOT LAMP | 7. GAS INLET COUPLING |
| 2. FUNCTION SELECTOR | 8. GAS DELIVERY PIPE TO OVEN BURNER |
| 3. MINUTE-MINDER | 9. MANUAL-RESET SAFETY THERMOSTAT |
| 4. OVEN THERMOSTAT | 10. COOLING FAN SCREWS |
| 5. PILOT LAMPS | 11. COOLING FAN |
| 6. GAS VALVES | |

3.7.4. REMOVING THE GAS THERMOSTAT (electromechanical models only)

In order to remove the gas thermostat, first disconnect the appliance from the electrical power supply and the shut off the gas supply. Then remove the upper panels from the oven. To so, proceed as follows:

1. Detach the gas delivery pipe which supplies the oven burner (fig. 61, pos. 8); for models with a gas grill, detach the pipe to the grill also.
2. Remove the front control panel.
3. Remove the two screws which secure the gas delivery pipe, which acts as a support for the gas thermostat (the thermostat is secured in the front section of the area beneath the control panel) (fig. 63, pos. 2).
4. Detach the connector wire from the thermocouple (fig. 61, pos. 6).
5. Remove the two screws which secure the thermostat to the gas delivery pipe (fig. 62, pos. 2).
6. Slide out the thermostat bulb from the upper part of the muffle and release it from the retaining spring (figg. 64 and 65, pos. 1 and 2).

Fig. 61

1. GRILL EXCLUSION MICROSWITCH LEVER
2. "ON" MICROSWITCH
3. PILOT LAMPS
4. GAS THERMOSTAT
5. GAS DELIVERY PIPE
6. THERMOCOUPLE CONNECTION
7. THERMOSTAT SENSOR CAPILLARY
8. GAS DELIVERY PIPE TO OVEN BURNER

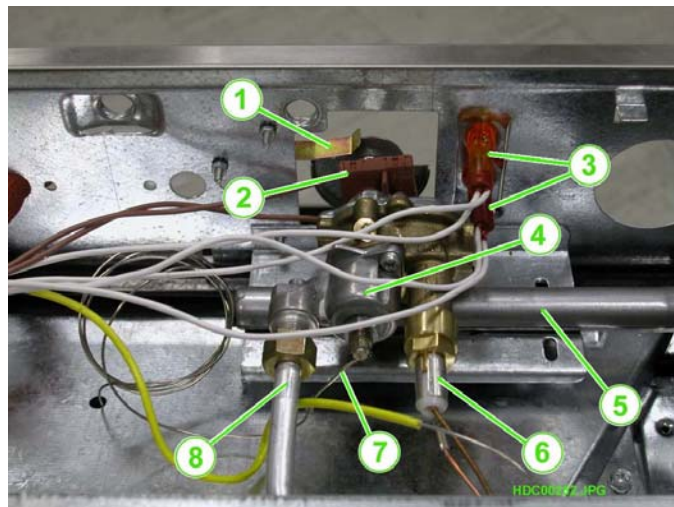


Fig. 62

1. GAS THERMOSTAT
2. THERMOSTAT SCREWS
3. GAS DELIVERY PIPE

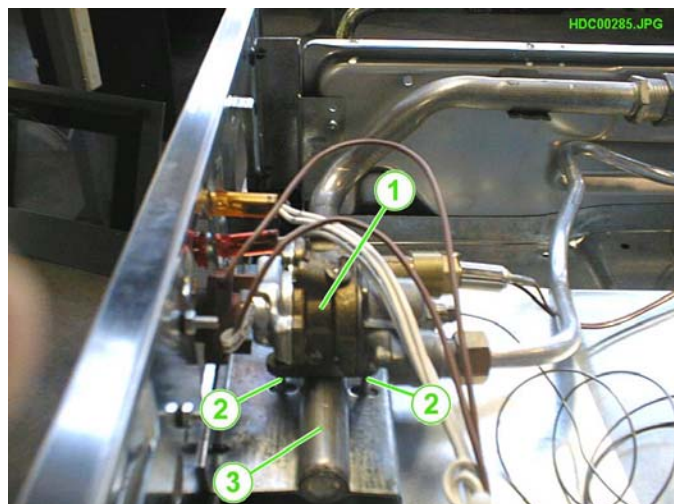


Fig. 63

1. GAS THERMOSTAT
2. THERMOSTAT SCREWS

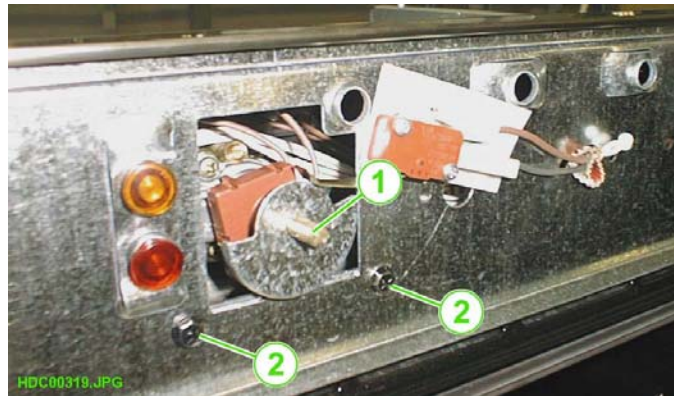


Fig. 64

1. GAS THERMOSTAT BULB
2. BULB RETAINING SPRING
3. OVEN LAMP

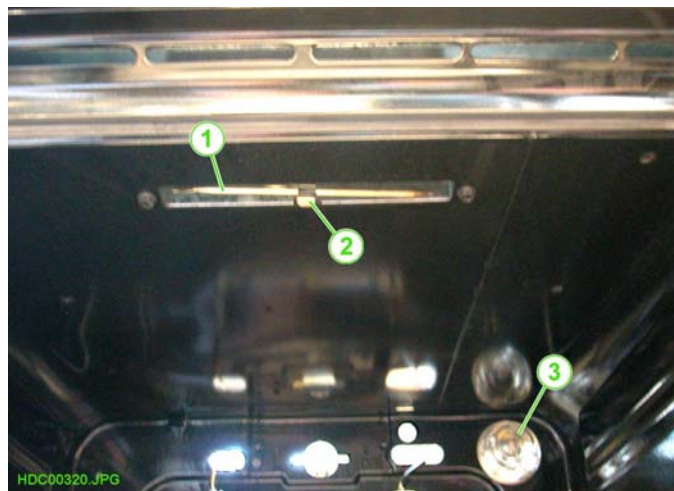
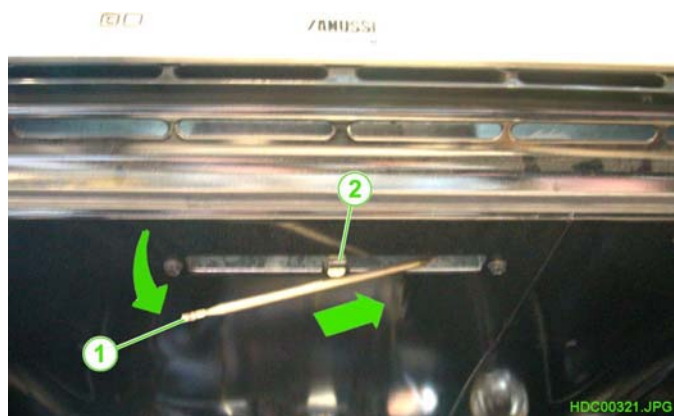


Fig. 65

1. GAS THERMOSTAT BULB
2. BULB RETAINING RING



3.7.5. REMOVING THE GAS SOLENOID VALVE (electronic versions only)

In order to remove the gas thermostat, first disconnect the appliance from the electrical power supply and the shut off the gas supply. Then remove the upper panels from the oven. To do so, proceed as follows:

1. Remove the gas inlet coupling (fig. 67 and 68, pos. 2).
2. Remove the two screws which secure the solenoid valve assembly to the side of the oven (fig. 66, pos. 2).
3. Unscrew the tube which delivers gas to the oven burner (fig. 68, pos. 3).
4. Detach the wiring from the main solenoid valve and the flame control solenoid valve (fig. 67, pos. 3 and 5).

Fig. 66

1. SOLENOID VALVE ASSEMBLY
2. SCREWS

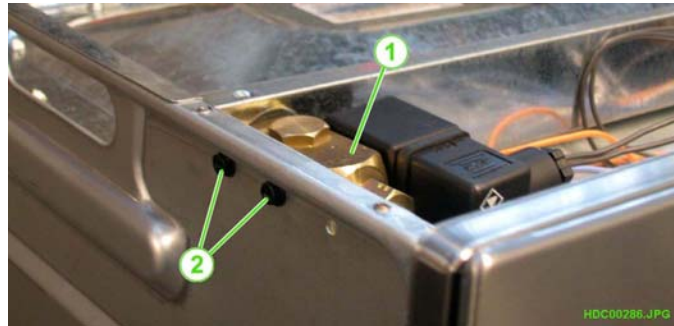


Fig. 67

1. SOLENOID VALVE ASSEMBLY
2. GAS INLET COUPLING
3. WIRING TO SOLENOID VALVE (MAIN SECTION)
4. GAS DELIVERY PIPE TO OVEN BURNER
5. WIRING TO SOLENOID VALVE (FLAME CONTROL)

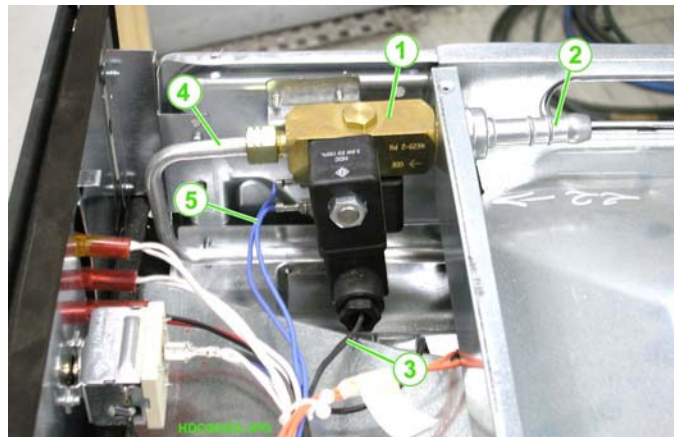
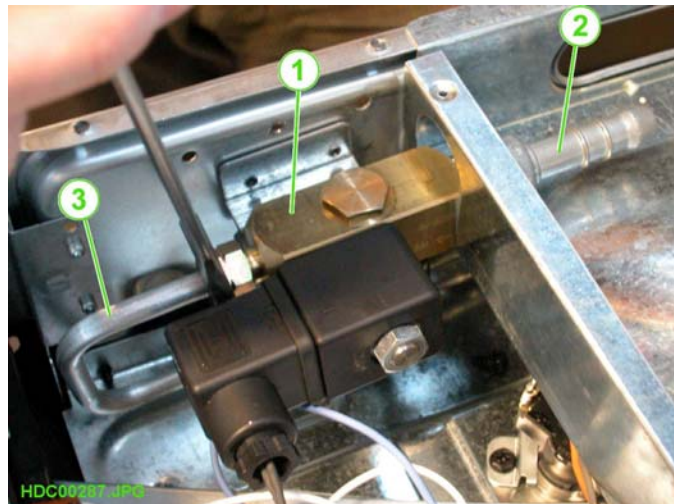


Fig. 68

1. SOLENOID VALVE ASSEMBLY
2. GAS INLET COUPLING
3. GAS DELIVERY PIPE TO OVEN BURNER



5. Remove the two screws which secure the support bracket for the solenoid valve assembly (fig. 69, pos. 3).

Fig. 69

1. SOLENOID VALVE ASSEMBLY
2. SUPPORT BRACKET
3. SCREWS FOR SUPPORT BRACKET – SOLENOID VALVE ASSEMBLY

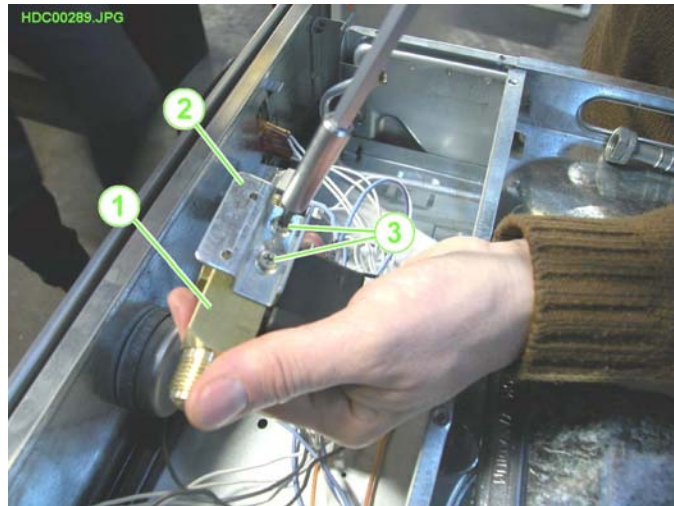
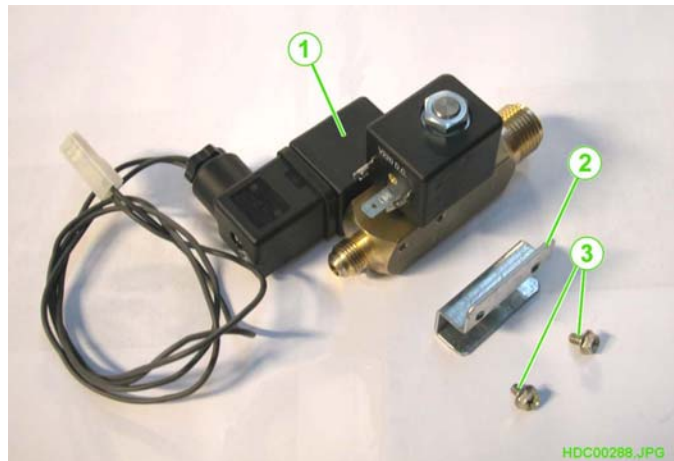


Fig. 70

1. SOLENOID VALVE ASSEMBLY
2. SUPPORT BRACKET
3. SCREWS FOR SUPPORT BRACKET – SOLENOID VALVE ASSEMBLY



3.8. REMOVING THE LATERAL FRONT PANEL UPRIGHTS

The procedure for removal of the front panel uprights from gas ovens is identical to that for electromechanical or electronic ovens (see section 2.7 REMOVING THE LATERAL FRONT PANEL UPRIGHTS, page 14).

3.9. REMOVING THE OVEN BURNER

In order to remove the oven burner, first disconnect the appliance from the electrical power supply and the shut off the gas supply. Then proceed as follows:

1. Remove the bottom panel from the oven (fig. 71).
2. Remove the screws which secure the oven burner (fig. 72, pos. 4 and fig. 73, pos. 2).

Fig. 71

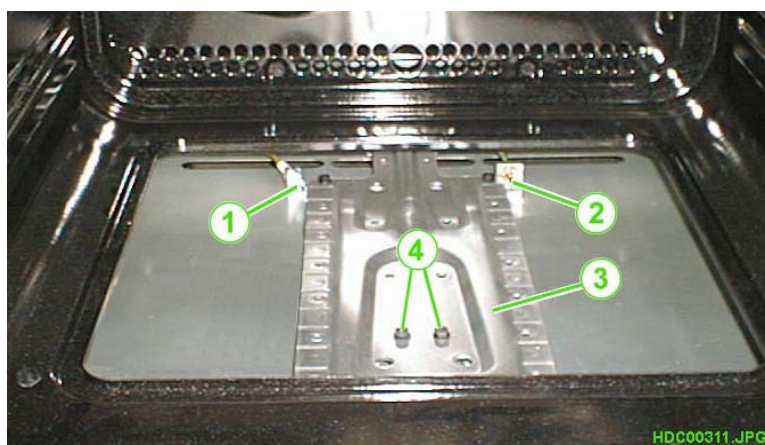
1. BOTTOM PANEL



BURNER (ELECTROMECHANICAL VERSION)

Fig. 72

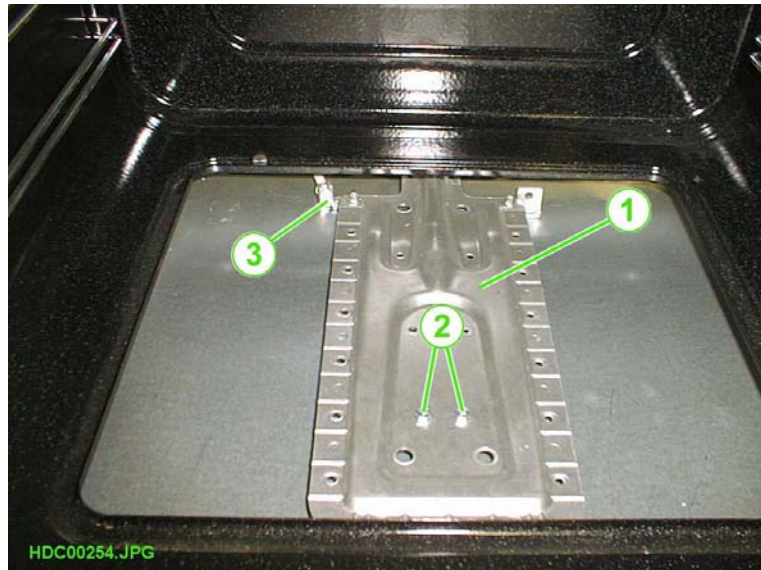
1. IGNITER
2. OVEN THERMOCOUPLE
3. OVEN BURNER
4. OVEN BURNER SCREWS



BURNER (ELECTRONIC VERSION)

Fig. 73

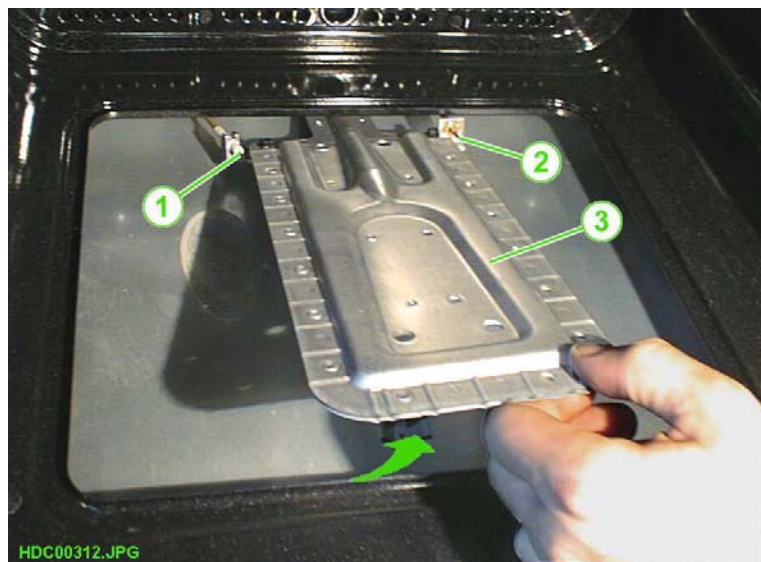
1. OVEN BURNER
2. BURNER SCREWS
3. IGNITER / FLAME SENSOR



3. Lift out the oven burner (fig. 74).
4. Remove the support for the igniter and the thermocouple (see page 40).

Fig. 74

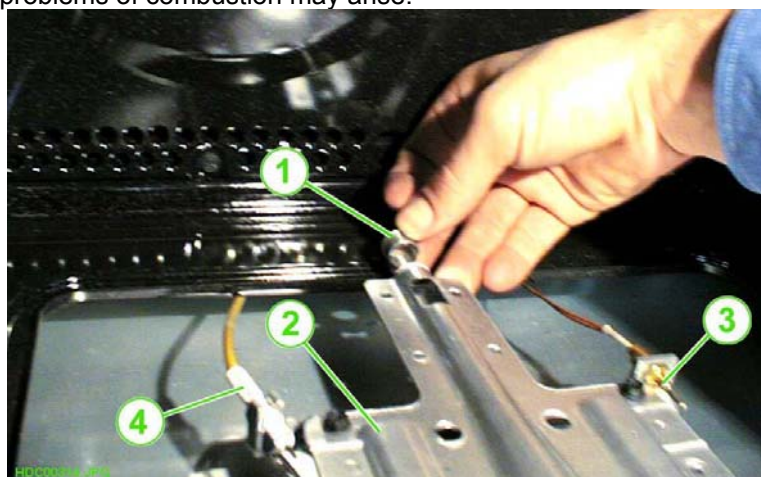
1. IGNITER / FLAME SENSOR
2. THERMOCOUPLE
3. BURNER



N.B.: When removing and replacing the burner, ensure that the burner ring is positioned correctly, otherwise problems of combustion may arise.

Fig. 75

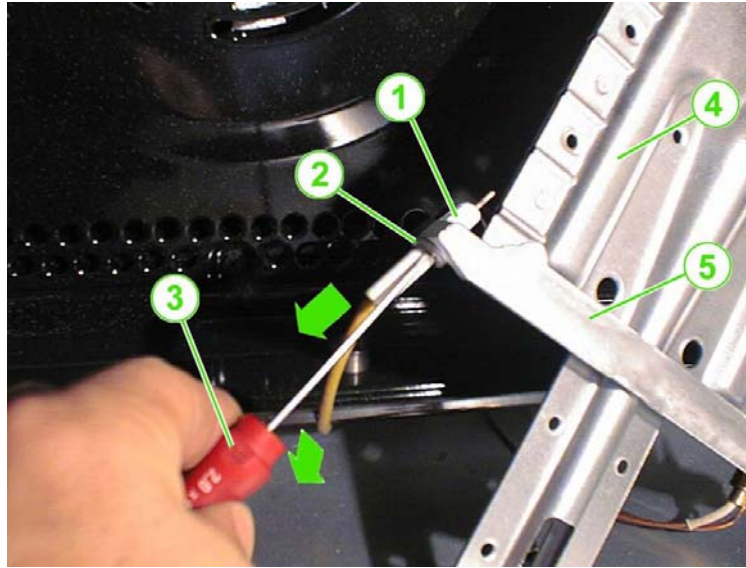
1. BURNER RING
2. OVEN BURNER
3. OVEN THERMOCOUPLE
4. IGNITER



3.9.1. REMOVING THE IGNITER

Fig. 76

1. IGNITER
2. SEGER RING
3. SCREWDRIVER
4. OVEN BURNER
5. IGNITER / THERMOCOUPLE SUPPORT



3.9.2. REMOVING THE IGNITER / THERMOCOUPLE SUPPORT

Proceed as follows to remove the igniter / thermocouple support:

1. Remove the bottom panel.
2. Remove the screws which secure the igniter / thermocouple support (fig. 77, pos. 2).
3. Remove the oven burner (see page 38).
4. Remove the thermocouple and the igniter from the support.

Fig. 77

1. IGNITER
2. SCREWS ON IGNITER / THERMOCOUPLE SUPPORT
3. THERMOCOUPLE
4. OVEN BURNER

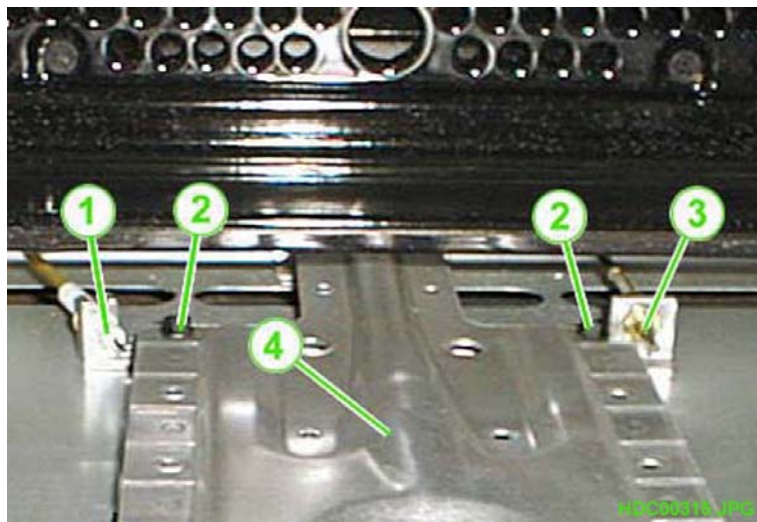
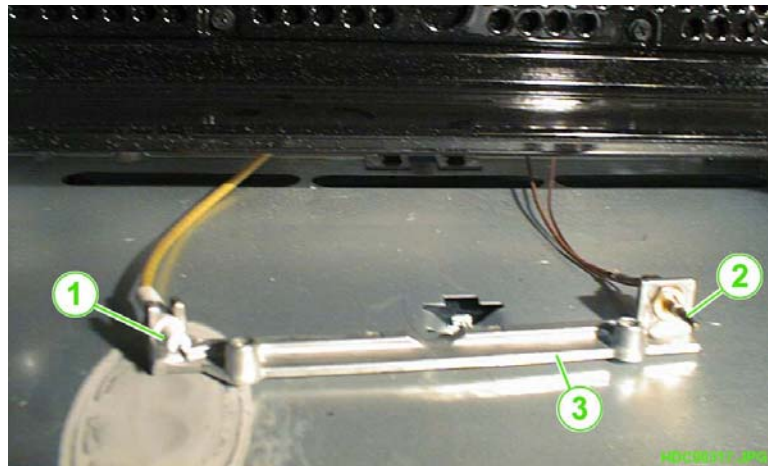


Fig. 78

1. IGNITER
2. THERMOCOUPLE
3. IGNITER / THERMOCOUPLE SUPPORT



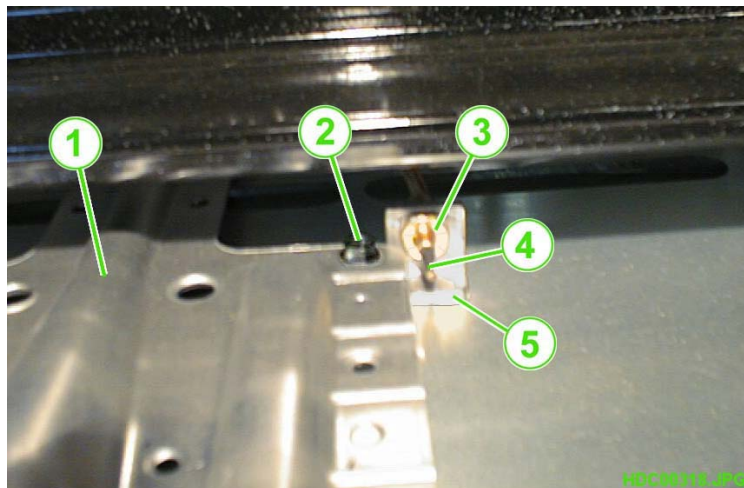
3.9.3. REMOVING THE OVEN THERMOCOUPLE (electromechanical models only)

After removing the bottom panel, proceed as follows to remove the oven thermocouple

1. Remove the screw which secures the thermocouple in position (fig. 79, pos. 3).
2. Detach the thermocouple connector (fig. 61, pos. 6, page 34)

Fig. 79

1. OVEN BURNER
2. SUPPORT SCREW
3. THERMOCOUPLE SCREW
4. THERMOCOUPLE
5. THERMOCOUPLE / IGNITER SUPPORT



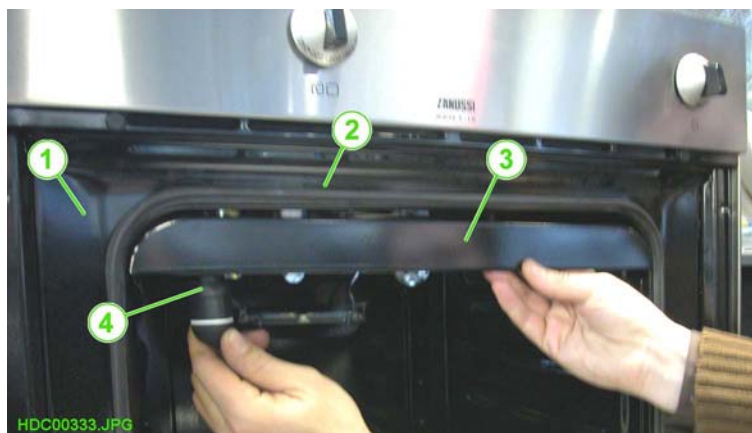
3.10. REMOVING THE GRILL BURNER COVER

First disconnect the appliance from the electrical power supply and the shut off the gas supply. Then remove the grill burner cover as follows:

1. Remove the two screws which secure the burner cover in position. These screws are located on the inner side of the oven top (fig. 80).

Fig. 80

1. OVEN FRONT PANEL
2. FRONT PANEL SEAL
3. GRILL COVER
4. SCREWDRIVER



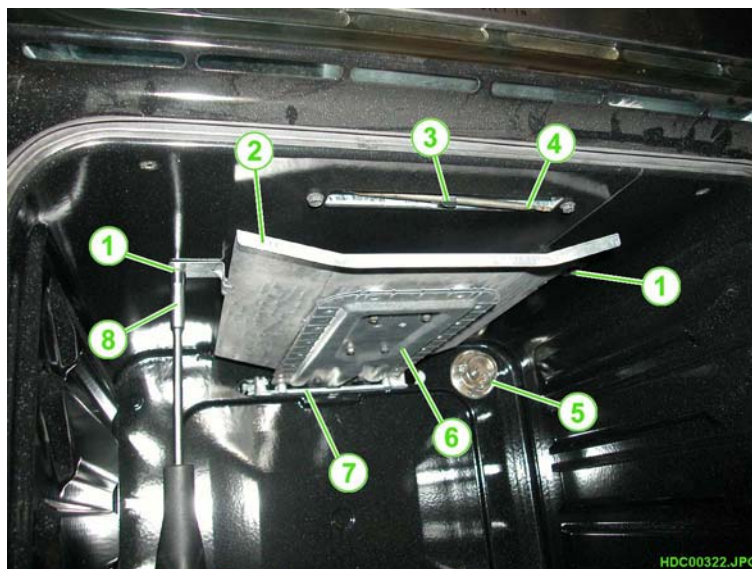
3.11. REMOVING THE GRILL BURNER

First disconnect the appliance from the electrical power supply and the shut off the gas supply. Then proceed as follows:

1. Remove the two screws which secure the grill burner to the top of the oven (fig. 81, pos. 1).

Fig. 81

1. GRILL BURNER SCREWS
2. GRILL BURNER DEFLECTOR
3. RETAINING SPRING FOR THERMOSTAT BULB
4. THERMOSTAT BULB
5. OVEN LAMP
6. GRILL BURNER
7. IGNITER / THERMOCOUPLE SUPPORT BRACKET
8. SCREWDRIVER



- Remove the two screws which secure the igniter / thermocouple support bracket (fig. 82, pos. 2).

Fig. 82

- IGNITER / THERMOCOUPLE SUPPORT BRACKET
- SUPPORT BRACKET SCREWS
- GRILL BURNER DEFLECTOR
- SCREWDRIVER

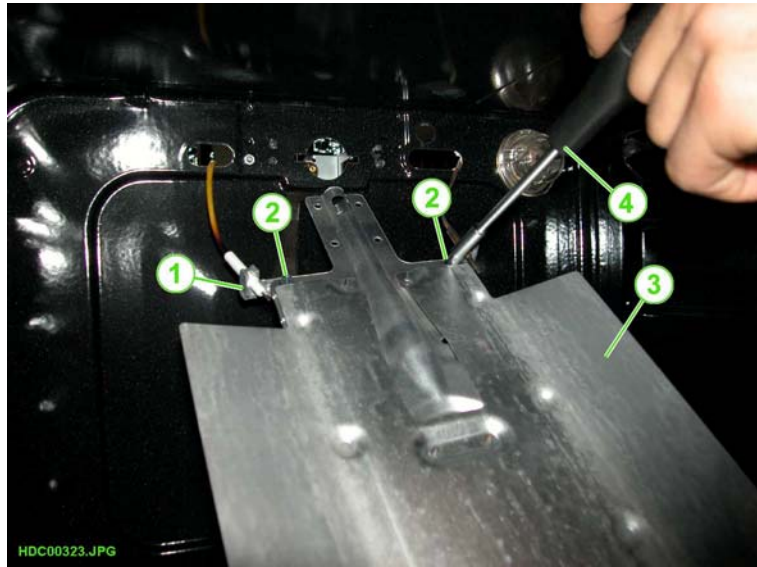
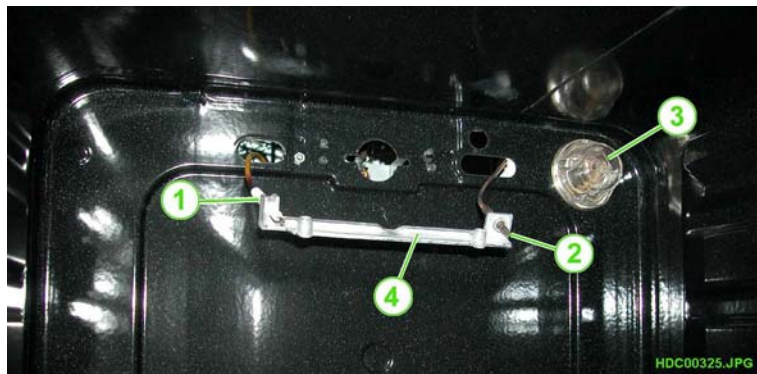


Fig. 83

- GRILL IGNITER
- THERMOCOUPLE
- OVEN LAMP
- THERMOCOUPLE / IGNITER SUPPORT



- In order to detach the grill burner from the deflector, remove the six screws which secure the two components (fig. 84, pos. 3).

Fig. 84

- GRILL BURNER DEFLECTOR
- GRILL BURNER
- GRILL BURNER SCREWS

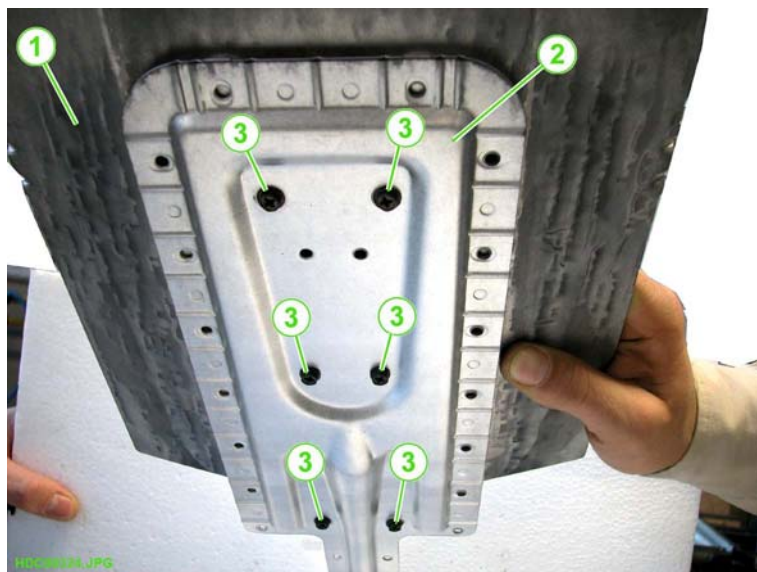
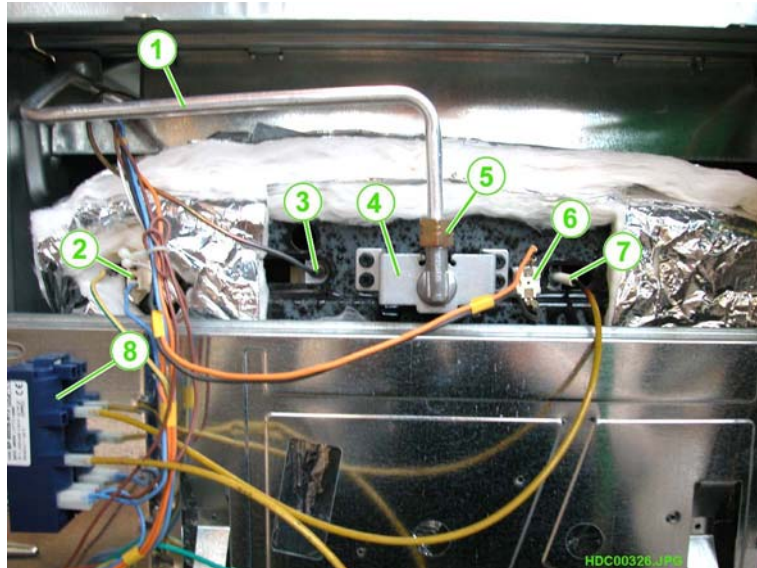


Fig. 85

1. GAS PIPE TO GRILL BURNER
2. LAMP SOCKET
3. THERMOCOUPLE
4. SUPPORT FOR GRILL BURNER INJECTOR
5. NUT ON GAS DELIVERY PIPE
6. CONTROL THERMOSTAT FOR TANGENTIAL FAN
7. GRILL IGNITER
8. IGNITION TRANSFORMER



3.12. REMOVING THE INJECTORS

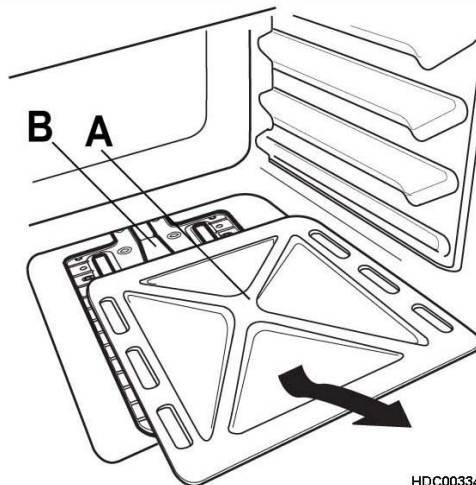
3.12.1. REMOVING THE OVEN BURNER INJECTOR

Procedure:

1. Remove the bottom panel (fig. 86, pos. A).

Fig. 86

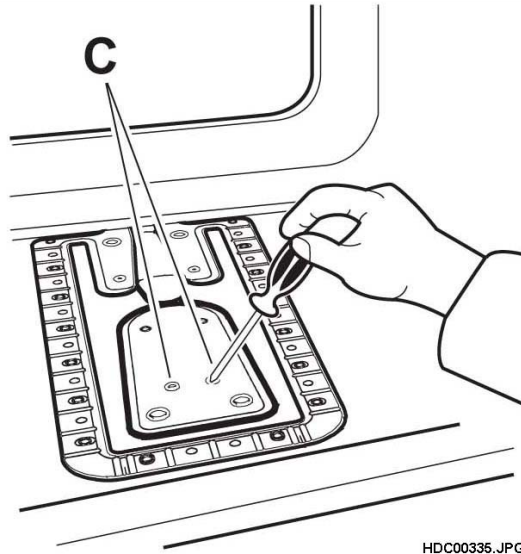
- A. BOTTOM PANEL
- B. OVEN BURNER



2. Remove the two screws which secure the burner in position (fig. 87, pos. C).

Fig. 87

- C. OVEN BURNER
SCREWS

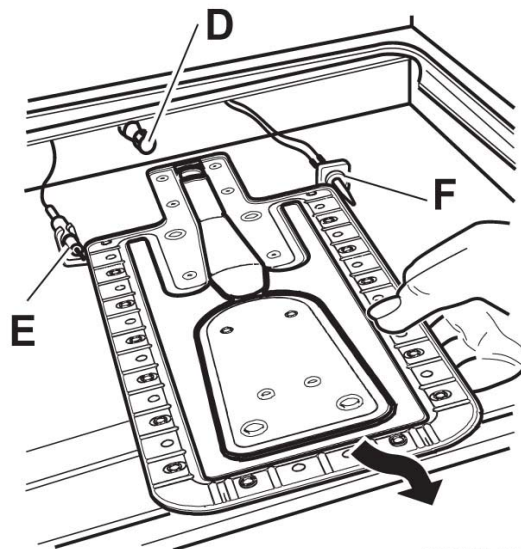


HDC00335.JPG

2. Pull the burner gently away from the nozzle coupling (fig. 88) and carefully move it leftwards, without pulling the wire which connects the igniter (fig. 88, pos. E).
3. Use the special 7 mm wrench to unscrew the nozzle (fig. 88, pos. D).

Fig. 88

- D. OVEN BURNER
NOZZLE
E. IGNITER
F. OVEN BURNER
THERMOCOUPLE



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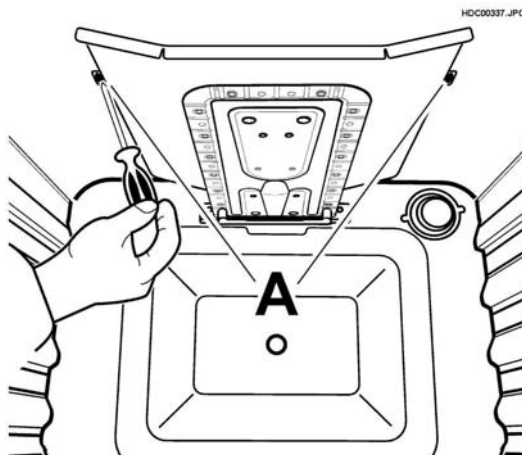
3.12.2. REMOVING THE GRILL BURNER INJECTOR

Proceed as follows:

1. Remove the two screws which secure the grill burner injector in position (fig. 89, pos. A).

Fig. 89

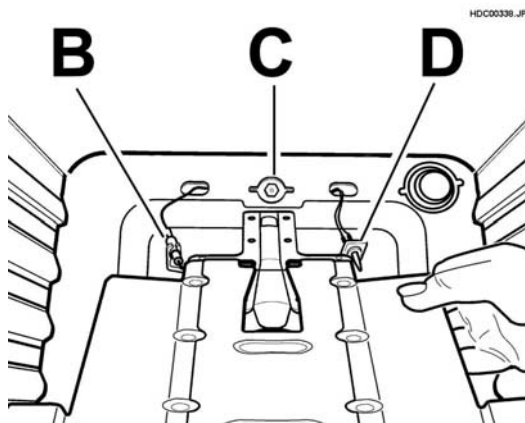
A. GRILL BURNER
SCREWS



3. Pull the burner gently away from the nozzle coupling (fig. 90) and carefully move it downwards, without pulling the wire which connects the igniter (fig. 90, pos. B).
4. Use the special 7 mm wrench to unscrew the nozzle (fig. 90, pos. C).

Fig. 90

B. IGNITER
C. GRILL BURNER
NOZZLE
D. THERMOCOUPLE
GRILL BURNER



3.13. ADJUSTING THE MINIMUM SETTING FOR THE OVEN BURNER (electromechanical models only)

Proceed as follows:


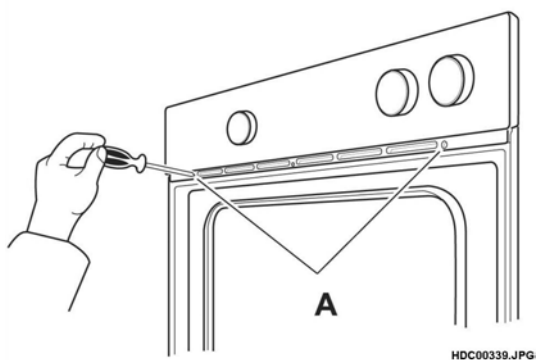
1.  **Disconnect the appliance from the power supply**
2. Remove all the knobs.
3. Open the oven door completely and locate the ventilation grille (immediately beneath the control panel).
4. Remove the protective rubber caps from the grille. Remove the two screws and remove the grille (fig. 91, pos. A)

Fig. 91

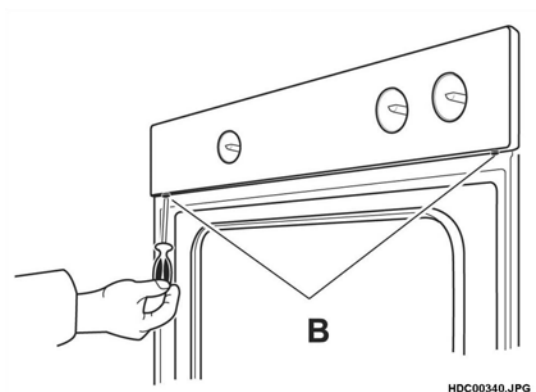
A. VENTILATION GRILLE
SCREWS



5. Remove the control panel. To do so, remove the screws located under the lower edge (fig. 92, pos. B).

Fig. 92

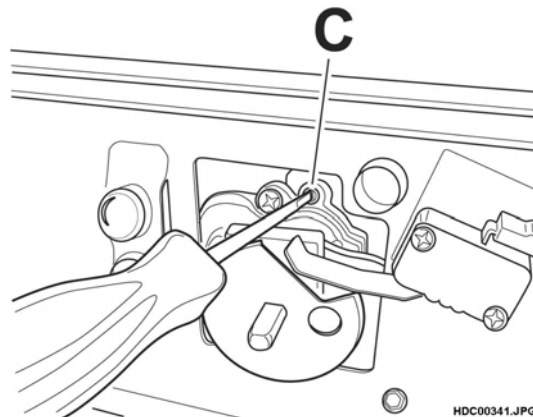
B. CONTROL PANEL
SCREWS



6. Use a small screwdriver to adjust the thermostat by-pass pin (fig. 93, pos. C). If converting from **methane to LPG**, turn the by-pass pin fully clockwise. To convert from **methane to town gas**, turn the screw 1/2 turn counter-clockwise.

Fig. 93

- C. BY-PASS PIN FOR ADJUSTMENT OF MINIMUM SETTING



7. Replace all the components, repeating the above operations in reverse sequence.
8. Re-connect the appliance to the power supply.



NEVER RE-CONNECT TO THE POWER SUPPLY BEFORE REPLACING ALL THE COMPONENTS

9. Switch on the oven burner, adjust the thermostat to the maximum setting, and wait for at least 10 minutes.
10. Turn the thermostat knob rapidly from the maximum setting to the minimum setting and check that the burner does not switch off.
11. If the burner switches off, repeat the entire procedure (step 1 to step 10) until the flame is small and burns evenly.

4 - ACCESS/KRONOS: ORGANIZATION OF SERVICE MANUALS

In view of the quantity of theoretical, technical and practical information relative to the various combinations for the structure of the ACCESS/KRONOS system, this information has been subdivided into Service Manuals describing the general concepts, and separate Service Manuals containing specific information relative to each group of appliances. Only the specific Service Manuals should be used for a specific appliance.

The various Service Manuals are as shown in the diagram below.

