

# **SERVICE MANUAL**

# **COOKING**







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I - 33080 PORCIA /PN (ITALY)

Tel +39 0434 394850 Fax +39 0434 394096 Publication number

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**Built-in ovens** 

REVERSIBILITY OF THE HINGED DOOR ON ACCESS PLUS OVENS

SOI

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## **TABLE OF CONTENTS**

1			INTRODUCTION	5
	1.1		PURPOSE OF THIS MANUAL	5
2			REMOVING A LEFT-HINGED DOOR	5
	2.1		REMOVING THE OVEN FROM THE CABINET	5
	2.2		REMOVING THE DOOR	6
		2.2.1	POSITION OF THE DOOR HINGES AND LATCH	6
		2.2.2	POSITION OF THE HINGE SCREWS	7
		2.2.3	REMOVING THE FRONT PANEL SCREW	7
		2.2.4		7
		2.2.5		8
		2.2.6	CLOSE-UP VIEW OF DOOR REMOVAL	8
3			SUMMARY OF OPERATIONS	9
	3.1		PREPARING THE DOOR FOR REVERSAL OF APERTURE	9
		3.1.1	POSITION OF THE COMPONENTS ON A DOOR WITH APERTURE FROM RIGHT TO LEFT	9
		3.1.2		10
		3.1.3	POSITION OF THE COMPONENTS ON A DOOR WITH APERTURE FROM LEFT TO RIGHT	10
	3.2		REMOVING THE TERMINAL SUPPORTS	11
		3.2.1		11
		3.2.2	CLOSE-UP VIEW OF UPPER TERMINAL SUPPORT	11
		3.2.3	REMOVING THE INNER GLASS DOOR	12
		3.2.4	REMOVING THE LOWER TERMINALS	12
		3.2.5	REMOVING THE LOWER TERMINALS	13
		3.2.6	CLOSE-UP VIEW OF LOWER TERMINAL SUPPORT	14
	3.3		ROTATION OF THE DOOR WITH HINGE SUPPORT	14
	3.4	0.4.4	REPLACING THE TERMINALS	15
		3.4.1	REMOVING THE HINGE SUPPORT SCREW	15
		3.4.2	REPLACING THE LOWER TERMINALS	15
		3.4.3		16 16
		3.4.4	REPLACING THE INNER GLASS DOOR REPLACING THE UPPER TERMINALS AND PROFILE	17
		3.4.6	FITTING THE SPRINGS AND THE RUBBER SPACING ELEMENTS	17
		3.4.7		18
		5.4.7	DITTERCINGES BETWEEN TERMINALS	10
4			REPLACING THE DOOR WITH LEFT-TO-RIGHT OPENING	19
	4.1		REVERSAL OF APERTURE FROM LEFT TO RIGHT	19
		4.1.1		19
		4.1.2		19
		4.1.3	REMOVING LATCH MASKING CAP	20
		4.1.4	REFITTING THE DOOR LATCH ON THE OPPOSITE SIDE	21
		4.1.6	REMOVING THE LOWER HINGE	22
	4.2		REVERSING THE HINGE SUPPORT UPRIGHT	23
		4.2.1	REMOVING THE HINGE SUPPORT UPRIGHT	23
		4.2.2	REPLACING THE HINGE SUPPORT UPRIGHT	24
		4.2.3	REPLACING THE SCREWS IN THE UPPER SECTION OF THE HINGE SUPPORT UPRIGHT	25
		4.2.4	REPLACING THE SCREWS IN THE LOWER SECTION OF THE HINGE SUPPORT UPRIGHT	25

4.3			RE-POSITIONING THE HINGE	
		4.3.1	RE-POSITIONING THE HINGE (FROM UPPER SECTION TO LOWER	
			SECTION)	26
		4.3.2	REPLACING THE LOWER HINGE	26
		4.3.3	REMOVING THE UPPER MASKING CAP	26
		4.3.4	REPLACING THE UPPER MASKING CAP	26
	4.4		REPLACING THE DOOR	28
		4.4.1	RE-POSITIONING THE DOOR WITH APERTURE FROM RIGHT TO LEFT	28
		4.4.2	RE-POSITIONING THE UPPER HINGE	28
		4.4.3	SECURING THE UPPER HINGE	29
		4.4.4	FITTING THE FRONT CONTROL PANEL	29
5			ADJUSTING THE ALIGNMENT OF THE DOOR	30
	5.1		DOOR ALIGNMENT SCREW	31
	5.2		TIGHTENING THE SCREWS	31
6			REVISIONS	33

#### **INTRODUCTION** 1

#### 1.1 **PURPOSE OF THIS MANUAL**

The purpose of this manual is to provide simple instructions for reversing the hinged-type door fitted to "Access Plus" ovens.

#### 2 **REMOVING A LEFT-HINGED DOOR**

In order to remove the door, it is necessary to remove the oven from the cabinet.

#### 2.1 REMOVING THE OVEN FROM THE CABINET

To extract the oven from the cabinet, remove the four screws which secure the appliance to the cabinet. These screws are located on the front of the frame (see Fig. 1 and 2)

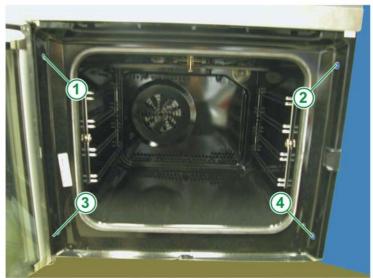


Fig. 1

- 1 UPPER SCREW (LEFT)
- 2 UPPER SCREW (RIGHT)
- 3 LOWER SCREW (LEFT)
- 4 LOWER SCREW (RIGHT)





Fig. 2

- SCREW SECURING OVEN TO **CABINET**
- 2 WASHER FOR SCREW 1

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### 2.2 REMOVING THE DOOR

To remove the oven door, proceed as follows:

- Remove the screw which secures the front panel (see Fig. 6).
- Remove the screws which secure the upper hinge (see Fig. 7).
- Remove the upper hinge (hold the door in position to ensure that it does not fall) (see Fig. 8)

#### 2.2.1 POSITION OF THE DOOR HINGES AND LATCH



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- Fig. 3
- 1 UPPER HINGE
- 2 LOWER HINGE
- 3 DOOR LATCH



HDC01967.JPG

- Fig. 4
- 1 UPPER HINGE
- 2 LOWER HINGE
- 3 HINGE SUPPORT

#### 2.2.2 POSITION OF THE HINGE SCREWS



Fig. 5

- 1 SCREWS FOR UPPER HINGE
- 2 HINGE SUPPORT
- 3 SCREWS FOR LOWER HINGE

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#### 2.2.3 REMOVING THE FRONT PANEL SCREW



Fig. 6

- 1 UPPER HINGE
- 2 UPPER SCREW
- 3 LOWER SCREW

### 2.2.4 CLOSE-UP VIEW OF HINGE SCREW

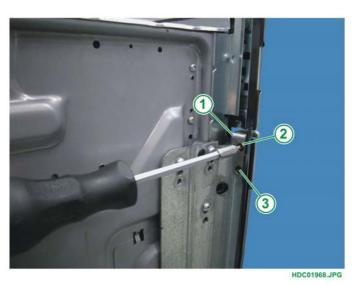


Fig. 7

- 1 UPPER HINGE
- 2 UPPER SCREW 3 LOWER SCREW

#### 2.2.5 - REMOVING THE UPPER HINGE

To remove the upper hinge:

- Remove the screw which secures the front panel (see Fig. 6).
- Remove the screws which secure the upper hinge (see Fig. 7).
- Move the front panel slightly upwards and outwards to release the upper hinge (see Fig. 8).
- Extract the hinge by moving upwards and towards the interior of the oven (see Fig. 8).

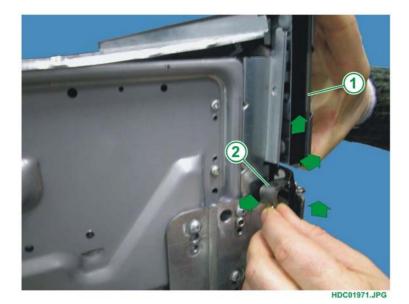


Fig. 8

- 1 FRONT CONTROL PANEL
- 2 UPPER HINGE

#### 2.2.6 CLOSE-UP VIEW OF DOOR REMOVAL

To remove the oven door:

- Remove the upper hinge.
- Move the door upwards and outwards to remove (see Fig. 9).



Fig. 9

- 1 FRONT CONTROL PANEL
- 2 OVEN DOOR

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#### 3 SUMMARY OF OPERATIONS

Proceed as follows to change the door aperture from left to right:

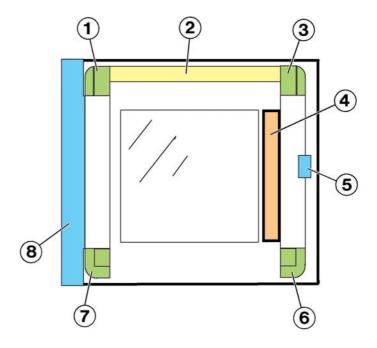
- Remove the oven door
- Prepare the door for reverse installation
- Replace the oven door
- Adjust the alignment of the door

#### 3.1 PREPARING THE DOOR FOR REVERSAL OF APERTURE

3.1.1 POSITION OF THE COMPONENTS ON A DOOR WITH APERTURE FROM RIGHT TO LEFT

Fig. 10

- 1 UPPER TERMINAL SUPPORT (LEFT)
- 2 UPPER STRIP
- 3 UPPER TERMINAL SUPPORT (RIGHT)
- 4 DOOR KNOB
- 5 LATCH
- 6 LOWER TERMINAL SUPPORT (RIGHT)
- 7 LOWER TERMINAL SUPPORT (LEFT)
- 8 HINGÉ SUPPORT ASSEMBLY

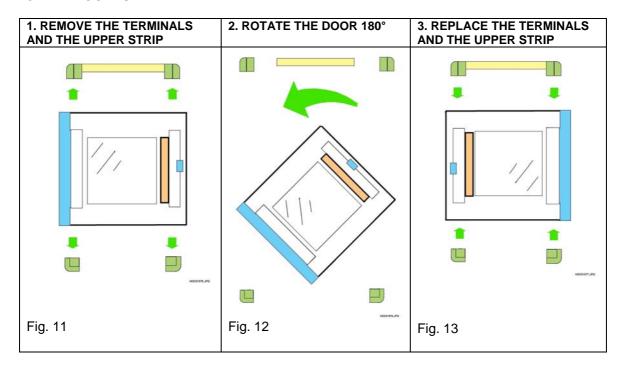


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In order to reverse the door, it is necessary to rotate it, keeping the terminal supports for the inner glass door in the same positions.

Before removing the terminal supports it is necessary to remove the hinges.

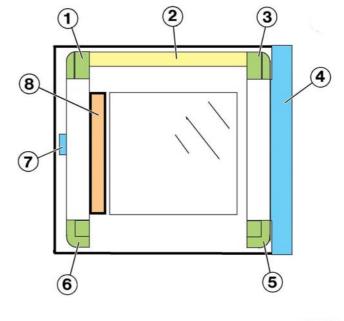
#### 3.1.2 PROCEDURE



3.1.3 POSITION OF THE COMPONENTS ON A DOOR WITH APERTURE FROM LEFT TO RIGHT

Fig. 14

- 1 UPPER TERMINAL SUPPORT (LEFT)
- 2 ÙPPER STRIP
- 3 UPPER TERMINAL SUPPORT (RIGHT)
- 4 HINGE SUPPORT ASSEMBLY
- 5 LOWER TERMINAL SUPPORT (RIGHT)
- 6 LOWER TERMINAL SUPPORT (LEFT)
- 7 LATCH
- 8 DOOR KNOB



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### 3.2 REMOVING THE TERMINAL SUPPORTS

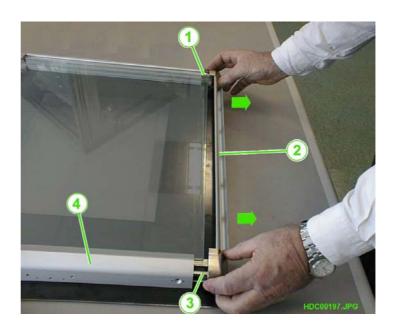
#### 3.2.1 REMOVING THE UPPER TERMINALS

Remove the upper terminals (a certain force is required to do this) (see Fig. 15).

Fig. 15

- 1 UPPER TERMINAL SUPPORT (RIGHT)
- 2 UPPER STRIP
- 3 UPPER TERMINAL SUPPORT (LEFT)
- 4 SUPPORT UPRIGHT FOR INNER GLASS DOOR

**NOTE**: The upper strip is inserted into the two upper terminals



#### 3.2.2 CLOSE-UP VIEW OF UPPER TERMINAL SUPPORT

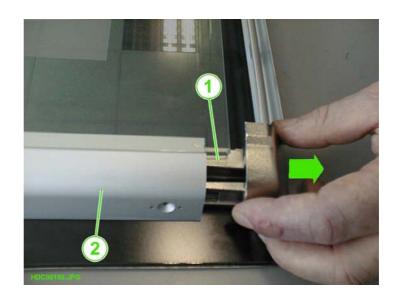


Fig. 16

- 1 TERMINAL
- 2 SUPPORT UPRIGHT FOR INNER GLASS DOOR

#### 3.2.3 REMOVING THE INNER GLASS DOOR

After removing the terminals and the upper strip, it is possible to slide out the inner glass panel(s) (see Fig. 17).

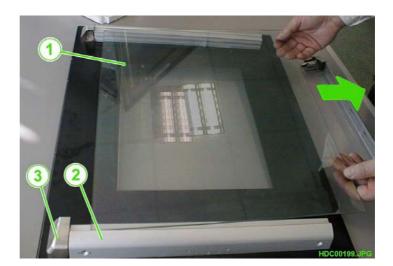


Fig. 17

- 1 INNER GLASS DOOR
- 2 SUPPORT UPRIGHT FOR INNER GLASS DOOR
- 3 LOWER TERMINAL SUPPORT

#### 3.2.4 REMOVING THE LOWER TERMINALS

To remove the lower terminal support (left), unscrew the external screw (see Fig. 18).

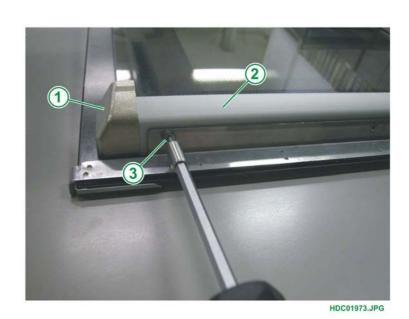


Fig. 18

- 1 LOWER TERMINAL SUPPORT (LEFT)
- 2 SUPPORT UPRIGHT FOR INNER GLASS DOOR
- 3 EXTERNAL SCREW

After removing the inner glass panel(s), remove the screws which secure the lower terminal support (right) (see Fig. 19).



Fig. 19

- 1 LOWER TERMINAL SUPPORT (LEFT)
- 2 SUPPORT UPRIGHT FOR INNER GLASS DOOR
- 3 INTERNAL SCREW

**ATTENTION**: From production week 39 of 2007 (serial no. 739XXXXX) to remove the left lower terminal it is not necessary to unscrew the external screw. Just unscrew the new screw inserted into the internal part as for the right lower terminal indicated in Fig. 19.

#### 3.2.5 REMOVING THE LOWER TERMINALS

After removing the inner glass panel and the screws which secure the terminals, detach the lower terminals (a certain force is required for this) (see Fig. 20).

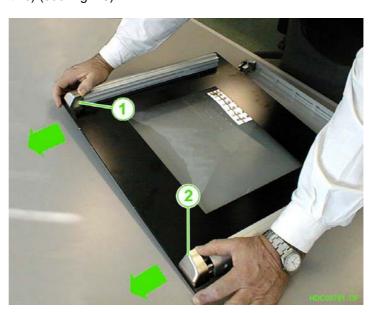


Fig. 20

- 1 LOWER TERMINAL SUPPORT
- 2 LOWER TERMINAL SUPPORT (RIGHT)



Fig. 21

1 - LOWER TERMINAL SUPPORT

## 3.3 ROTATION OF THE DOOR WITH HINGE SUPPORT

Rotate the door + hinge support 180°.

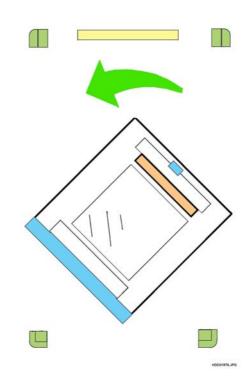


Fig. 22

#### 3.4 REPLACING THE TERMINALS

#### 3.4.1 REMOVING THE HINGE SUPPORT SCREW

Before replacing the terminals, remove the external screw which secures the hinge support (see Fig. 23).

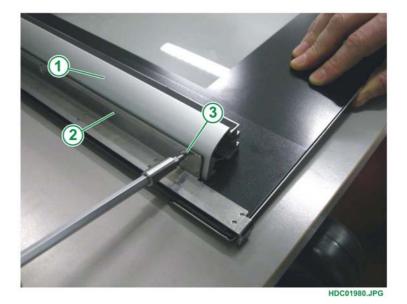


Fig. 23

- 1 GLASS SUPPORT UPRIGHT
- 2 HINGE SUPPORT
- 3 SCREW FOR GLASS SUPPORT UPRIGHT

**ATTENTION**: From production week 39 of 2007 (serial no. 739XXXXX) to remove the left lower terminal it is not necessary to unscrew the external screw. Just insert the screw into the internal part as for the right lower terminal indicated in Fig. 19.

#### 3.4.2 REPLACING THE LOWER TERMINALS

Replace the lower terminals in the support uprights for the inner glass panels, in the new positions (see Fig. 24).



Fig. 24

- 1 LOWER TERMINAL SUPPORT (LEFT)
- 2 LOWER TERMINAL SUPPORT (RIGHT)

#### 3.4.3 - CLOSE-UP VIEW OF SECURING THE LOWER TERMINALS

Secure the terminals as follows:

- The left-hand terminal with its screw.
- The right-hand terminal, together with the hinge upright, using the corresponding screws.

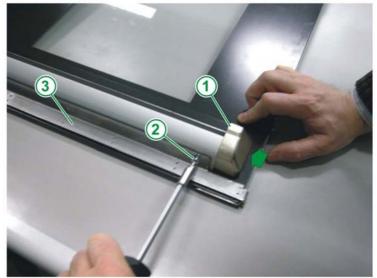


Fig. 25

- 1 LOWER TERMINAL SUPPORT
- 2 SCREW
- 3 HINGE SUPPORT

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**ATTENTION**: From production week 39 of 2007 (serial no. 739XXXXX) to remove the left lower terminal it is not necessary to unscrew the external screw. Just insert the screw into the internal part as for the right lower terminal indicated in Fig. 19.

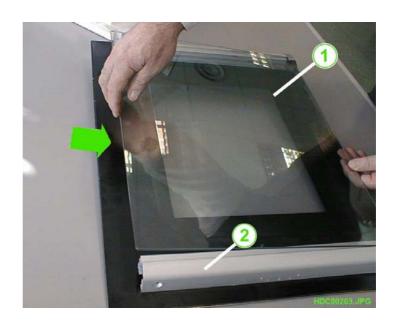
#### 3.4.4 REPLACING THE INNER GLASS DOOR

Replace the inner glass door (see Fig. 26).

Fig. 26

- 1 INNER GLASS DOOR
- 2 SUPPORT UPRIGHT FOR GLASS PANEL

NOTE: In the case of doors with three glass panels (two of which internal), care must be taken when replacing the panels. The silk-screened side must always face the exterior of the door. In the case of thermic glass doors without silkscreening, the thermic side is conductive and therefore must always face outwards (see "Athermic glass panels" in the manual describing accessibility -599 38 11.05).



#### 3.4.5 REPLACING THE UPPER TERMINALS AND PROFILE

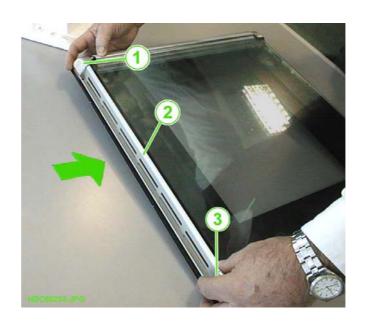
Proceed as follows to replace the upper terminals and profile:

- Prepare the upper profile by inserting it into the upper terminals, then place in the correct position.
- Press the terminals until fully inserted (see Fig. 27).

Fig. 27

- 1 UPPER TERMINAL SUPPORT (LEFT)
- 2 UPPER STRIP
- 3 UPPER TERMINAL SUPPORT (RIGHT)

NOTE: When positioning the upper terminals, ensure that the retaining spring and the rubber spacing element are correctly positioned (see Fig. 29).



#### 3.4.6 FITTING THE SPRINGS AND THE RUBBER SPACING ELEMENTS

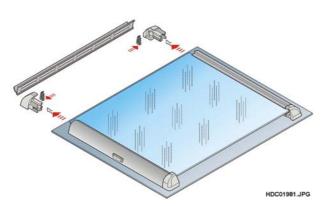


Fig. 28

**NOTE**: The springs are fitted to the upper terminals only; however, all four terminals feature the rubber spacing elements.

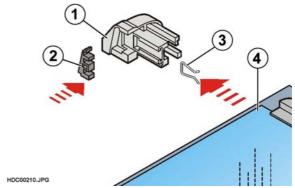


Fig. 29

- 1 UPPER TERMINAL SUPPORT (LEFT)
- 2 RUBBER SPACING ELEMENT
- 3 RETAINING SPRING
- 4 INNER GLASS PANEL

#### 3.4.7 - DIFFERENCES BERWEEN TERMINALS

The lower terminals differ from the upper terminals in that they feature holes for the screws (see Fig. 30).

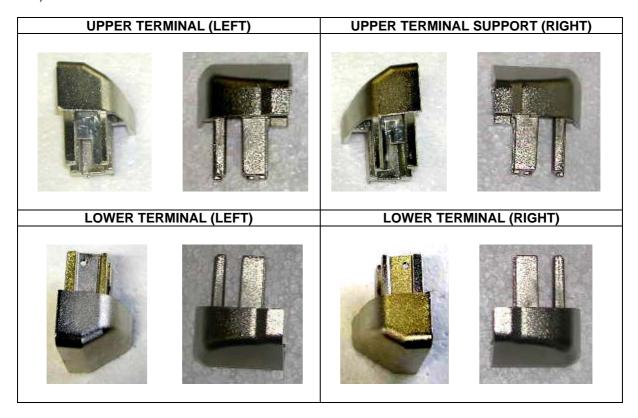


Fig. 30

#### 4 REPLACING THE DOOR WITH LEFT-TO-RIGHT OPENING

#### 4.1 REVERSAL OF APERTURE FROM LEFT TO RIGHT

#### 4.1.1 CLOSE-UP VIEW OF THE DOOR LATCH

Before replacing the door with aperture on the left, it is necessary to re-position the latch:

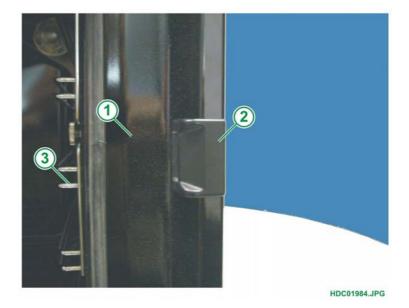


Fig. 31

- 1 FRONT FRAME
- 2 DOOR LATCH
- 3 GRILL SUPPORT

#### 4.1.2 REMOVING THE DOOR LATCH

- Remove the door latch by removing the screws which secure it in position (see Fig. 32).

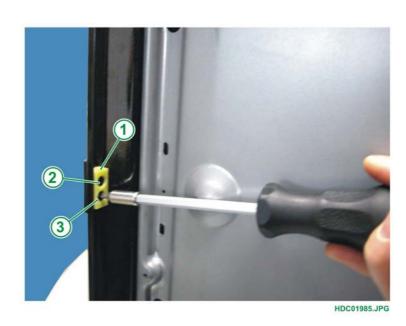


Fig. 32

- 1 SUPPORT BRACKET FOR DOOR LATCH
- 2 UPPER SCREW
- 3 LOWER SCREW



Fig. 33

- 1 DOOR LATCH
- 2 SUPPORT BRACKET FOR DOOR LATCH

#### 4.1.3 REMOVING THE LATCH MASKING CAP

Before refitting the door latch on the opposite side, the masking cap must be removed. To do so, it is sufficient to use a flat-head (normal) screwdriver (see Fig. 34).

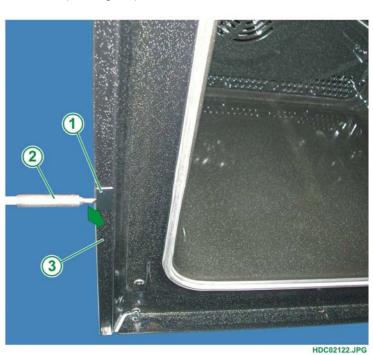


Fig. 34

- 1 LATCH MASKING CAP
- 2 STANDARD SCREWDRIVER
- 2 FRONT FRAME

#### 4.1.4 REFITTING THE DOOR LATCH ON THE OPPOSITE SIDE

Position the door latch with its support bracket on the opposite side and secure using two screws (see Fig. 35 e 36).

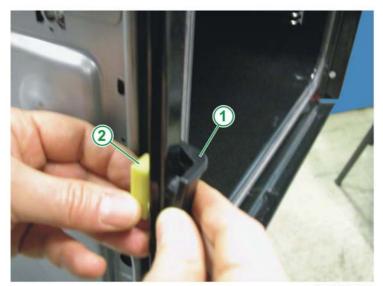


Fig. 35

- 1 LATCH
- 2 SUPPORT BRACKET

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Fig. 36

- 1 SUPPORT BRACKET FOR LATCH
- 2 DOOR LATCH

**NOTE:** Remember to fit the masking cap on the side opposite to the door latch.

#### 4.1.5 - REMOVING THE LOWER HINGE

To remove the lower hinge simply remove the two screws which secure it in position (see Fig. 37).



Fig. 37

- 1 UPPER HINGE SCREW
- 2 LOWER HINGE SCREW 3 LOWER HINGE

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**NOTE**: Before removing the hinge support upright, it is necessary to remove the lower hinge.

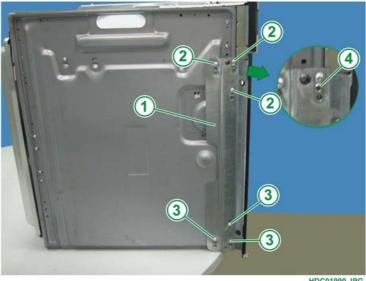
### 4.2 REVERSING THE HINGE SUPPORT UPRIGHT

#### 4.2.1 - REMOVING THE HINGE SUPPORT UPRIGHT

To remove the hinge support upright, remove the three upper screws (see Fig. 39) and the three lower screws (see Fig. 40).

Fig. 38

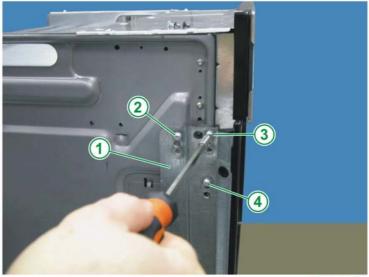
- HINGE SUPPORT UPRIGHT 1 -
- 2 -**UPPER SCREWS**
- 3 -LOWER SCREWS
- DOOR ALIGNMENT SCREW



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Fig. 39

- 1 -HINGE SUPPORT UPRIGHT
- 2 -**REAR SCREW**
- 3 -FRONT SCREW
- LOWER SCREW



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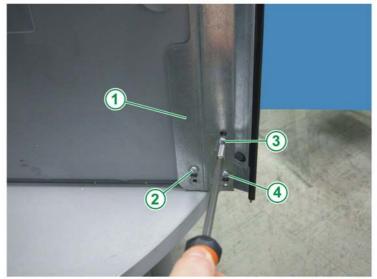


Fig. 40

1 - HINGE SUPPORT UPRIGHT

2 - REAR SCREW3 - FRONT SCREW4 - LOWER SCREW

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### 4.2.2 - REPLACING THE HINGE SUPPORT UPRIGHT

To replace the hinge support upright, simply position it in alignment with the holes and secure using three screws in the upper section and three in the lower section.



Fig. 41

1 - HINGE SUPPORT UPRIGHT

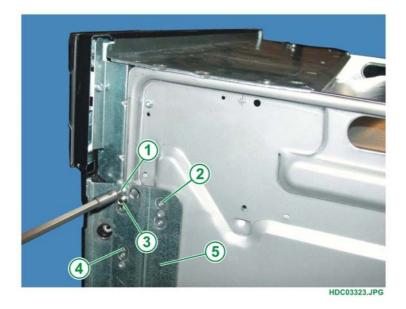
2 - DOOR ALIGNMENT SCREW

**NOTE:** Before replacing the hinge support it is necessary to re-position the door alignment screw. This screw must always be positioned in the upper section of the upright (see Fig. 41 and 42).

#### 4.2.3 - REPLACING THE SCREWS IN THE UPPER SECTION OF THE HINGE SUPPORT **UPRIGHT**

Fig. 42

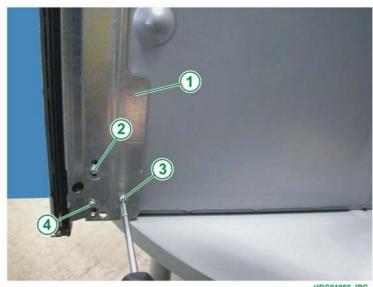
- 1 FRONT SCREW
- 2 POSITION OF REAR SCREW
- 3 DOOR ALIGNMENT SCREW
- 4 POSITION OF LOWER **SCREW**
- 5 HINGE SUPPORT UPRIGHT



#### 4.2.4 - REPLACING THE SCREWS IN THE LOWER SECTION OF THE HINGE SUPPORT **UPRIGHT**



- 1 HINGE SUPPORT UPRIGHT
- 2 REAR SCREW
- 3 FRONT SCREW
- 4 LOWER SCREW



### 4.3 RE-POSITIONING THE HINGE

### 4.3.1 RE-POSITIONING THE HINGE (FROM UPPER SECTION TO LOWER SECTION)

In order to secure the door to the right side, it is necessary to remove the upper hinge (which was originally in the upper section – see 2.2.1 "POSITION OF THE LATCH AND THE HINGE - page 6) and fit it in the lower right-hand position.



Fig. 44

#### 4.3.2 - REPLACING THE LOWER HINGE

To replace the lower hinge, simply position the hinge and secure using the two screws (see Fig. 45).

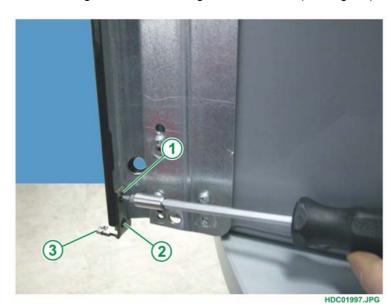


Fig. 45

- 1 UPPER SCREW
- 2 LOWER SCREW
- 3 LOWER HINGE

#### 4.3.3 REMOVING THE UPPER MASKING CAP

Before replacing the left-aperture door, it is necessary to re-position the upper masking cap To do so, it is sufficient to use a flat-head (normal) screwdriver (see Fig. 46).

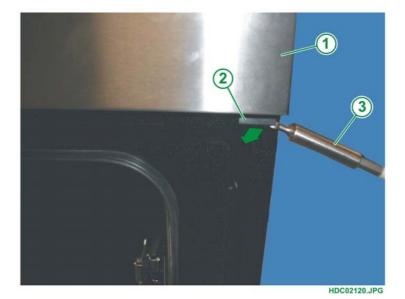


Fig. 46

- 1 FRONT CONTROL PANEL
- 2 MASKING CAP
- 3 SCREWDRIVER

#### 4.3.4 REPLACING THE UPPER MASKING CAP

To replace the upper masking cap, insert into the hole, first at the upper edge and then at the lower lip (see Fig. 47).

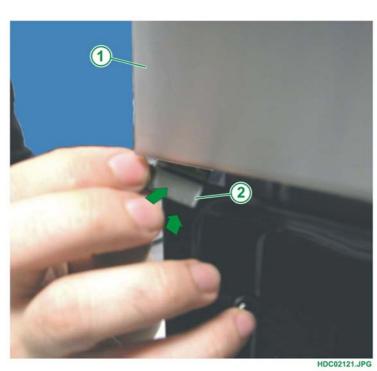


Fig. 47

- 1 FRONT CONTROL PANEL
- 2 MASKING CAP

#### 4.4 **REPLACING THE DOOR**

#### RE-POSITIONING THE DOOR WITH APERTURE FROM RIGHT TO LEFT 4.4.1

Position the door, aligning the lower hinge pin with the hole in the hinge support (see Fig. 48).



Fig. 48

- 1 OVEN DOOR
- 2 LOWER HINGE

#### 4.4.2 - RE-POSITIONING THE UPPER HINGE

Position the upper hinge while holding the door in position and align the lower hinge pin with the hole in the hinge support (see Fig. 49).

Fig. 49

- 1 UPPER HINGE
- 2 HINGE SUPPORT
- 3 HOLE IN HINGE SUPPORT
- 2 UPPER HINGE PIN



#### 4.4.3 SECURING THE UPPER HINGE

Secure the upper hinge using the two screws (see Fig. 50).



Fig. 50

- 1 UPPER HINGE
- 2 UPPER SCREW
- 3 LOWER SCREW

### 4.4.4 FITTING THE FRONT CONTROL PANEL

Secure the control panel using the screw (see Fig. 51 and 52).



Fig. 51

- 1 FRONT CONTROL PANEL
- 2 SCREW



Fig. 52

- 1 FRONT CONTROL PANEL
- 2 SCREW

HDC02002.JPG

### 5 - ADJUSTING THE ALIGNMENT OF THE DOOR

To align the door with the control panel (see Fig. 53), once the oven has been extracted also partially, adjust the alignment screw (see Fig. 54 Pos.3) in the following sequence:

- 1 Unscrew the two upper screws (see 5.1).
- 2 Adjust the alignment screw (see Fig. 54 Pos. 1) so that the door is aligned with the front control panel (see 5.2) keeping the door open during the adjustment.
- 3 Tighten the two upper screws (see Fig. 54 Pos. 1 and 2).



Fig. 53

HDC03317.JPG

### 5.1 - TIGHTENING THE SCREWS



Fig. 54

- 1 UPPER SCREW (REAR)2 UPPER SCREW (FRONT)3 DOOR ALIGNMENT SCREW

### 5.2 - DOOR ALIGNMENT SCREW

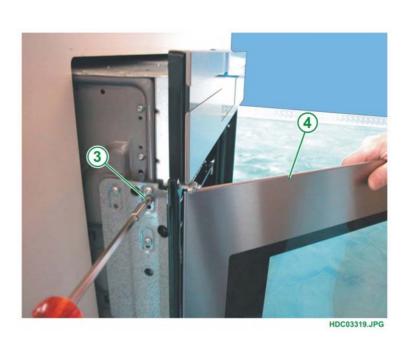


Fig. 55

- 3 DOOR ALIGNMENT SCREW 4 DOOR OPEN



Fig. 56

Unscrewing the screw, the door lowers (see Fig.56 e 57).



Fig. 57

Tightening the screw, the door raises (see Fig. 56 e 58).



Fig. 58

## 6 - REVISIONS

REVISION	DATE	
01	02/2009	- Modified Chapter 5 – ADJUSTING THE ALIGNMENT OF THE DOOR page 30, 31 and 32.