

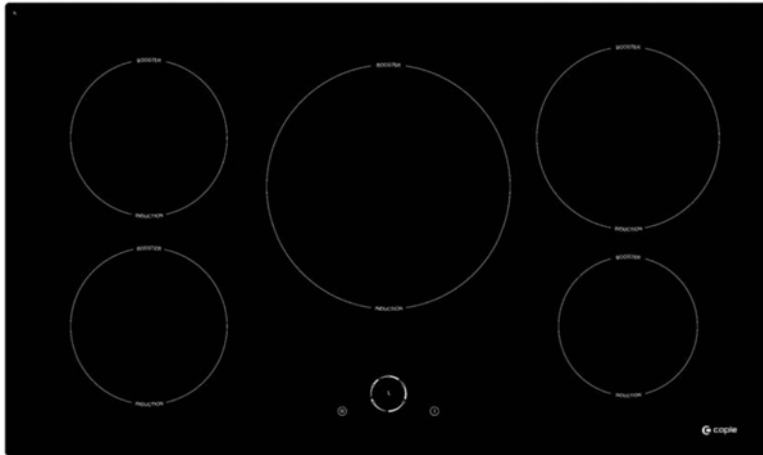


# C900I

## Caple 90cm induction hob



### Technical information



## Caple C900i 880mm induction hob

### Features

Black frameless

Can be inset or flush mounted

5 induction zones

11 power levels (0-9, keep warm and booster)

Digital display

Slider touch control

Booster function on all zones to access maximum temperature quickly

Programmable timer to set cooking duration and finishing time on each individual zone

Memory recall function

Pause function

Timer (up to 99 mins)

Safety lock

Residual heat indicators

Automatic safety shut-off

Automatic pan detection

Anti-overheat

Anti-overflow

### Cooking output

5 induction zones:

- 1 dia. 160mm – 1.4kW
- 1 dia. 180mm – 1.4kW
- 1 dia. 180mm – 2.0kW
- 1 dia. 210mm – 3.0kW
- 2 dia. 280mm – 3.0kW

### Electrical connection

Rated load 7.4kW

Fuse rating 25A

### CONFIGURATION PROCEDURE

#### What to do when the symbol [ E 4 ] appears :

#### I) The hob must be reconfigured according to the following procedure :

Before you start the procedure :

- Make sure that there is no more pot on the hob.
- Use a pan adapted to induction.
- Disconnect the appliance from the electrical network by removing the fuse or turning the circuit breaker off
- Reconnect the table to the electrical network.
- It is necessary to start the procedure within 2 minutes after the connection of the hob to the electrical network.
- Do not press the [ 0/I ] key.

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#### II) Cancellation of the existing configuration :

- 1) Press the **key B** and hold down.
- 2) With your other hand, press **key A** during 2s.  
Released the **key A**.

A "bip" sound and the half slider lights

A double "bip" means an error occurred.

If so, start again from item 1).

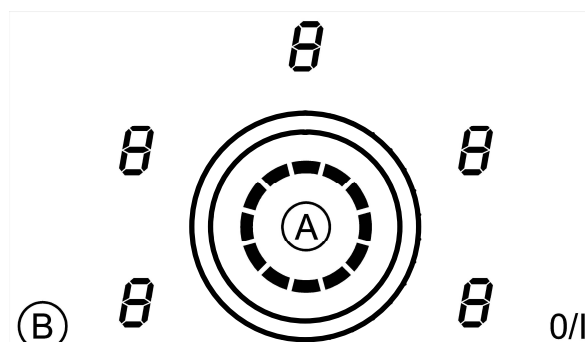
- 3) With your finger slide on the slider from right to left (3 o'clock to 9 o'clock), always with your finger on the **key B**.

A "bip" sound if manipulation is succeeded, if isn't so, start again from item 1).

- 4) Remove your fingers from the touch control, then press again on **key A** during few seconds, until blinking [ E ] symbols appear.

- 5) Wait until [ E ] symbols stop blinking.

- 6) After few seconds, [ E ] are automatically transformed in [ C ]. The existing setup has been cancelled.



#### III) How to reconfigure the hob ?

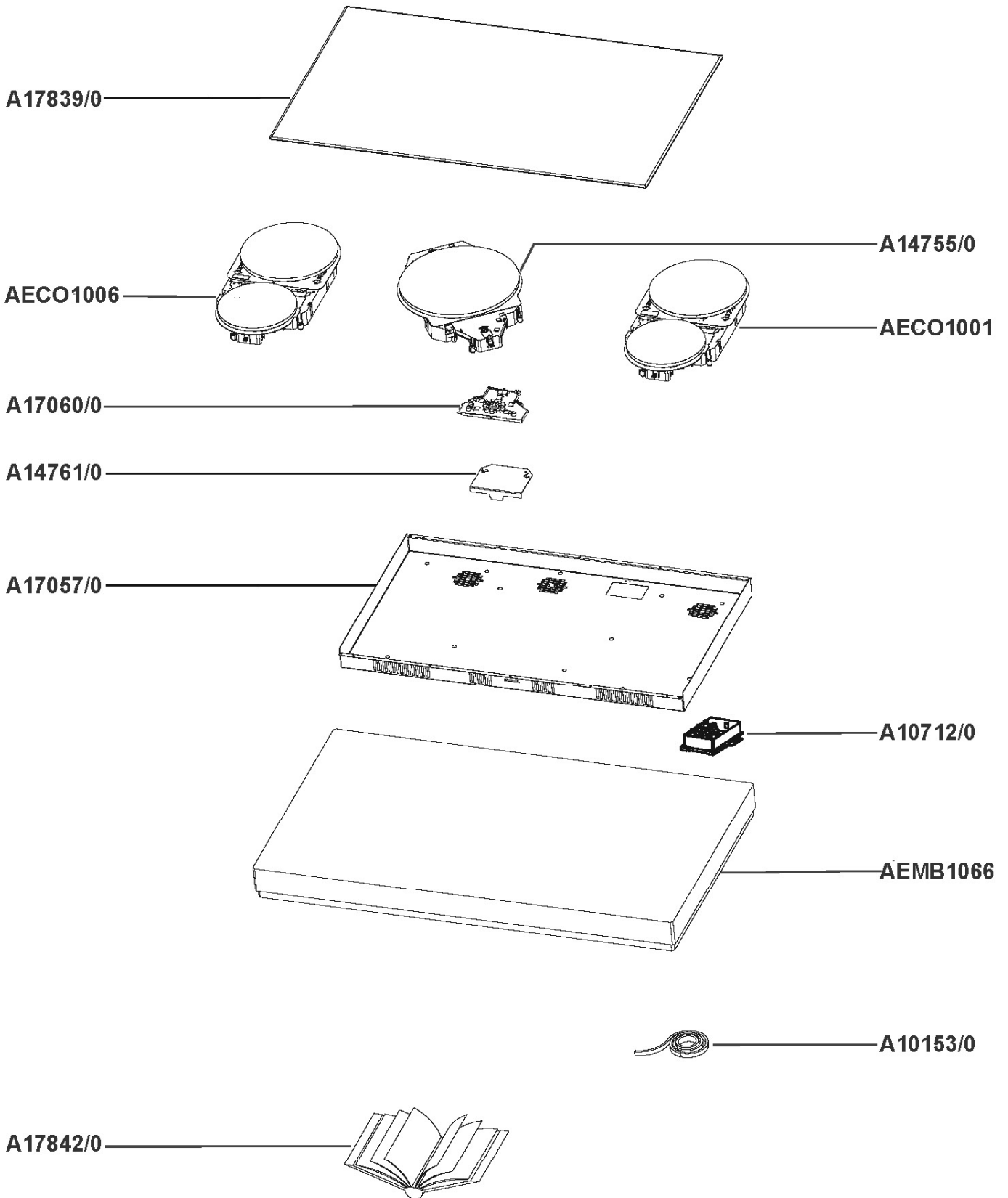
- 1) Take a ferromagnetic pot with a minimum diameter of 16 cm
- 2) Select a cooking zone by pushing on the corresponding [ C ] display
- 3) Place the pot on the area to be set
- 4) Wait until the [ C ] display becomes a [ - ]. The selected cooking zone is now configured.
- 5) Follow the same procedure for each cooking zone with a [ C ] display.
- 6) All the cooking zones are configured once all the displays are turned off.

**Please use the same pot for the whole procedure.**

**Never put several pots together on the zones during the setup-process.**

- If [ E 4 ] displaying remains, please call the customer care

C900I - Caple 90cm induction hob



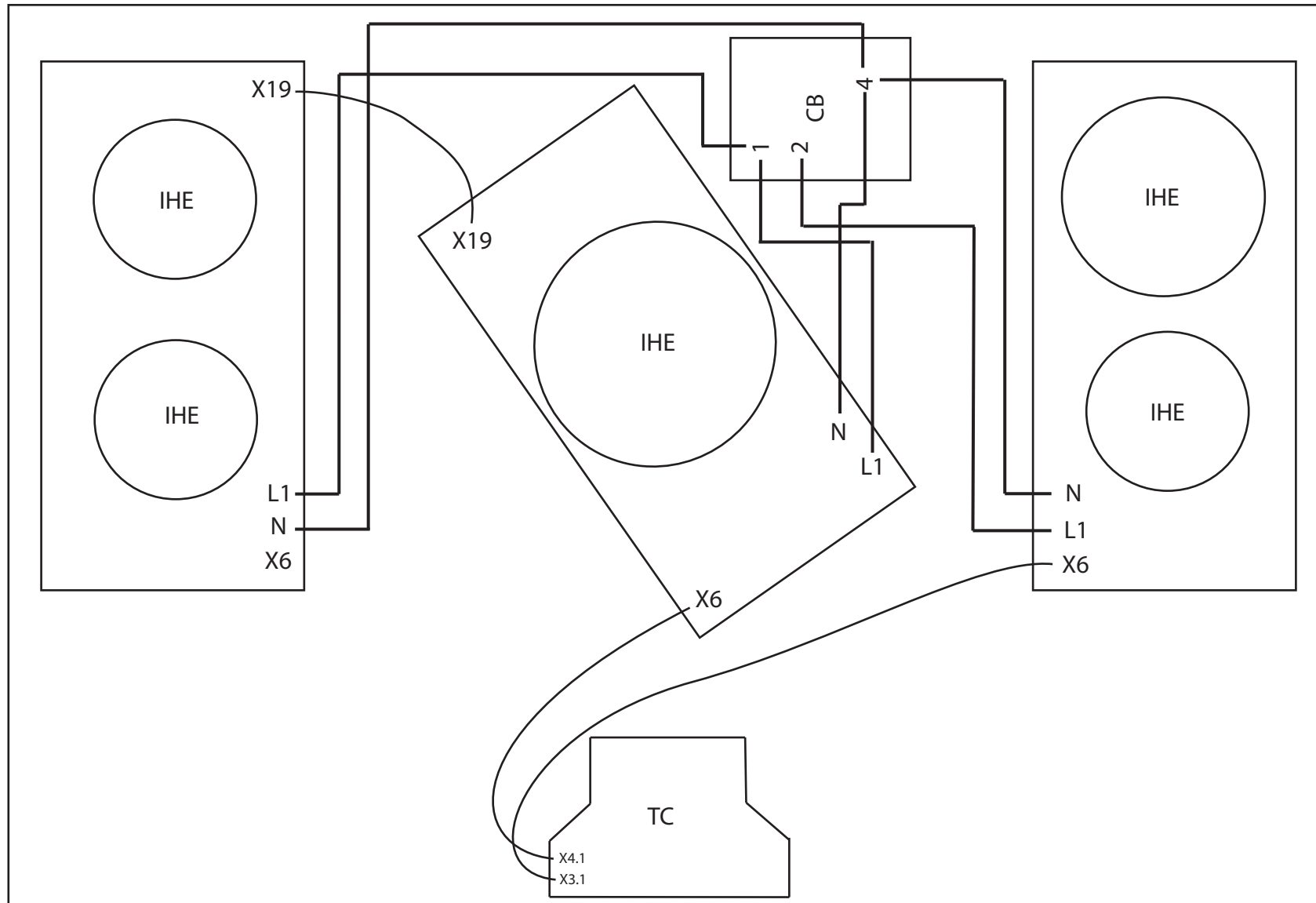


## C900I - Caple 90cm induction hob

Part Code	Description
A10153/0	GASKET FOR WORKTOP
A10712/0	CONNECTION BOX
A14755/0	INDUCTOR 250P NIPS
A14761/0	SUPPORT TOUCH CONTROL
A17057/0	CASING
A17060/0	TOUCH CONTROL
A17839/0	GLASS COVER
A17842/0	INSTRUCTION MANUAL
AECO1006	INDUCTOR 160P/160 IPS
AECO1001	INDUCTOR 200P/160 NIPS
AEMB1066	PACKAGING

# WIRING DIAGRAM

43515-0  
INDUCTION ECO



IHE : Induction Heating Element  
TC : Touch Control  
CB : Connection Box

**ADVICE & HELP / AFTER SALES INDUCTION  
TC MULTI LITE SLIDER**

**1. To detect the wrong breakdowns :**

**1-1 Connection to the electric network:**

- Control the tightening of the screws of the connection box
- Control the section of the cables used (see manual of use)
- Control if the earth wire (green/yellow) is connected

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**1+2 = phase**

**4 = neutral**

**3 = no connection**

**earth = obligatory**

**alimentation cable:** advised with fasten terminal wires (see photograph)

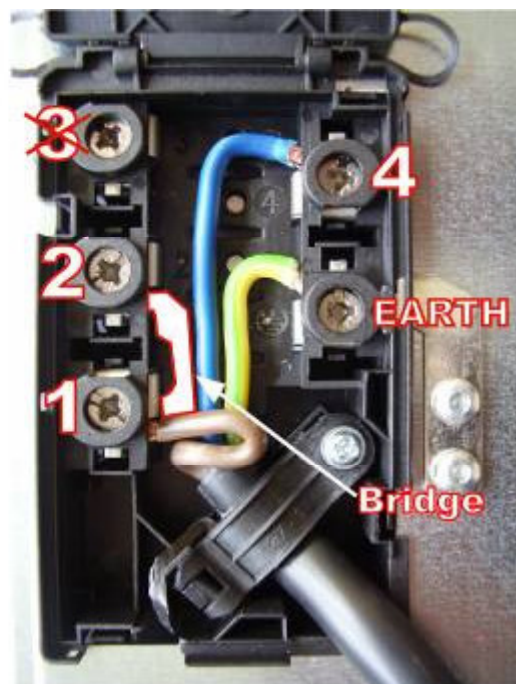
**tightening of the screws:** either with a cross screwdriver (PZ N°2 highly advised), or with a punt screwdriver.

The checking of the connection and tightening has to be made before any intervention on the hob.

A bad tightening can be at the origin of a breakdown

If a bridging is not made correctly or if a screw is badly tightened, there can be the following symptoms:

- If the terminals 1 or 4 are wrong connected, the hob does not switch on (no reaction) because the touch control is not supplied.
- If the terminal 2 is wrong connected, "E5" will appear on the right hand side displays on the right side.



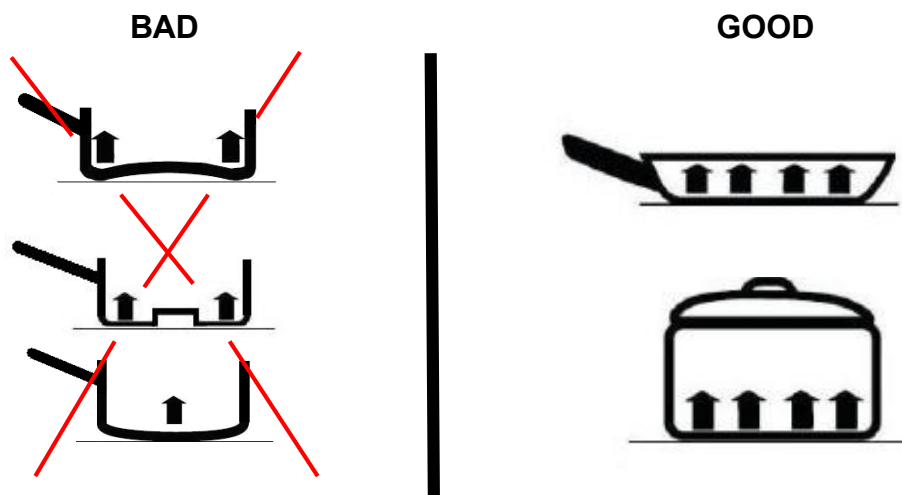
### 1-2 Installation:

- Control the installation of the gasket under the glass.
- If the glass is glued with silicone → leave the glass in place and dismantle the steel case under the work plan.
- Control the ventilation of the air coming in of the ventilators (minimum 2 cm of space).

### 1-3 Quality of the pans:

- Control if the pan is compatible with the heating by induction.
- To check by using a „magnet“ that must remain hung on the bottom of the pan or by putting a little water in the bottom of the pan and while making this water heat in position „9“ → water must boil quickly.
- The functioning of an induction generates certain sonority. This one depends on the pans used.
- **Use only pans with flat bottoms. Others risk damaging the hob.**

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### 1-4 Use:

- To start the hob it is necessary to keep the key [ 0/I ] pressed during 2 to 3 seconds.
- During the first times of use, the cooking appliance will release a smell of „new“.

### 1-5 Ventilation:

- The ventilation starts as soon as the heating zones reach a certain level of temperature.
- This ventilation goes on cooling the heating zones even after the stop of cooking.

### 1-6 Securities:

- In case of overflow, the hob stops as soon as 2 keys at least of the control panel are covered with the liquid of overflow.
- In case of overheating of the heating zones, an automatic and progressive reduction of the power takes place.

# 43507-0

## INDUCTION ECO TCML

### 2. To determine the breakdown according to the indications of the control panel.

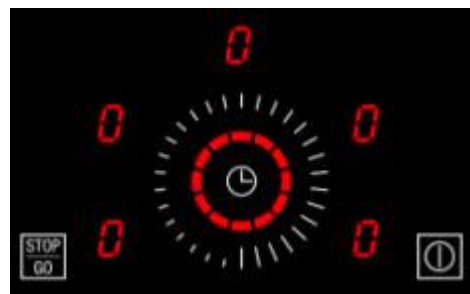
<u>Display</u>	<u>Designation</u>	<u>Description</u>
0	zero	the heating zone is activated
1...9	level of power	selection of the cooking level
<u>U</u>	pan detection	no pan or inadequate pan
A	Heat accelerator	Automatic cooking
E	Error message	electronic failure
H	residual heat	heating zone is hot
P	Booster	The booster is activated.
L	locking	the hob is protected
U	Keep warm of 70°C	Maintain automatically of 70°C.
	Pause	The hob is in pause.

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#### 2-1 Fast starting :

With the connection of the hob to the electric network, four or five "8" are indicated and then get off.

After that, press the key [0/I] (On/Off), « 0 » appears with a blinking point (3, 4 or 5 according to the hob).

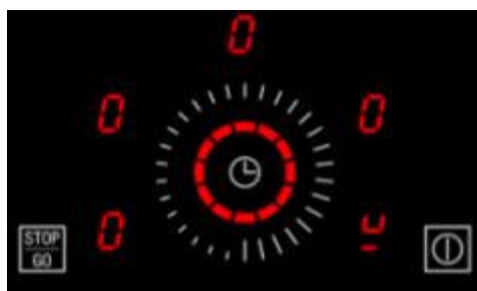


If no handling is made within 20 seconds, everything switches off.

Therefore, before the 20 seconds, press with your finger on the display of the cooking zone to use (while having put before a pan with water, a pan which external bottom has been wiped in order to avoid from any scratching of the glass).

Then, either slip on the SLIDER to regulate gradually from 1 to P, or press the selected level for a direct access.

If no pan is put on the selected cooking zone, or if the pan is taken away during the cooking, or if the pan is not adapted to induction, you will have the following display:



# 43507-0

## INDUCTION ECO TCML

### 2-2 Locking « L »

#### To lock the hob:

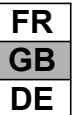
Press the key [0/I] (On/Off)

Press the key [stop/go] and keep your finger on the key and press 3 times on the key [timer]. Each time you press on the key [timer], one segment more is displayed to show a « L ».

These operations have to be done within maximum 10 seconds, or else it will be necessary to start again by stopping the hob (key [0/I] (On/Off)).

Once these 3 operations done, the “L” appear on the hob (3, 4 or 5 according to the model) and after this they get off; the hob is so locked.

That corresponds to a main switch, nobody can start the hob anymore (children security) and the hob can be cleaned without fear to put it in function.



#### To unlock the hob:

Press the key [0/I] (On/Off)

Press the key [stop/go] and keep your finger on the key and press 3 times on the key [timer]. Each time you press on the key [timer], one segment from the « L » disappear.

These operations have to be done within maximum 10 seconds, or else it will be necessary to start again by stopping the hob (key [0/I] (On/Off)).

Once these operations done, the “L” disappear and the hob can be used again.

#### Caution:

To cancel the security realized on the hob, it is imperative:  
either to wait for 20 seconds so that the control lights switches off,  
either to press the key [0/I] (On/Off) to stop the hob.

If a short circuit occurs after having been put in the security does not cancel the locking.

The electronic keeps indeed this security in memory and at the moment of the re-connexion, the “L” will appear while pressing the key [0/I] (On/Off)

# 42408-0 INDUCTION ECO

## ERROR CODE

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Legend:



Visual Control



No appropriated measure






Measure with multimetre









TC = Touch Control panel  
 Cable LIN = White Cable 0.25 mm<sup>2</sup> (ex : connection between TC and Filter Board PCB).  
 IHE = Induction Heating Element

Error Code	Description	Potential Failure	Measure	What to do...
E blinking	No error! IHE configurations have been erased			You are in the configuration menu: See description of the configuration procedure
C	No error! Cooking zone can be Configured			You are in the configuration menu: See description of the configuration procedure
-	No error! Cooking zone is configured			You are in the configuration menu: See description of the configuration procedure
C blinking	No error! Cooking zone can be configured			You are in the configuration menu: See description of the configuration procedure






# 42408-0 INDUCTION ECO

Error Code	Description	Potential Failure	Measure	What to do...
E 2	<p>Temperature sensor indicates overheat of induction coil</p> <p>IHE overtemperature Wrong algorithm calculated over-temperature at coil sensor PT-1000 (only for cooking level 9)</p>	<p>Cooking zone has overheated (maybe pot boiled without food,...)</p> <p>Loss of magnetic properties of the pan bottom with temperature increase</p> <p>Component part error on IHE</p>		<p>A cool down is necessary Error is disappearing when cooling down</p> <p>Usage of appropriate pan material Ω Replace pan</p> <p>replace IHE</p>
E 3	<p>Not adapted pan</p> <p>or</p> <p>Component failure</p>	<p>Some pans lose their magnetic properties due to a overheat of the bottom</p> <p>or</p> <p>The pan generates interferences which disturb the functioning of the induction. Some bad pans may destroy some electronic components.</p>		<p>Employment of suitable pan</p> <p><input type="checkbox"/> Replace the pan</p> <p>or Replace IHE</p>
E 4	<p>IHE is not configured</p> <p>Communication failure between TC and IHE</p> <p>Component failure</p>	<p>Defective or missing Lin Bus cable between CU and IHE</p> <p>Missing voltage supplying of the IHE</p> <p>Failure on the IHE</p>		<p>Configure again, with the manual procedure</p> <p>Check and/or change the Lin Bus cable</p> <p>Check the voltage of the IHE</p> <p>Replace the IHE</p>






# 42408-0 INDUCTION ECO

Error Code	Description	Potential Failure	Measure	What to do...
E 5	Communication failure between TC and IHE	Defective Lin Bus cable IHE not connected		Check and/or change cable Check the voltage
E 6	Network failure	Frequency problem Overvoltage		Check the frequency and voltage Replace the IHE
E 7	Unknown error	Compatibility problems between IHE and TC		Replace IHE or TC
E 8	Fan failure	Fan or control electronics defect		Replace IHE
E 9	Temperature probe PT 1000	Temperature probe PT 1000 is defective		Replace IHE
E A	Hardware failure	Hardware failure		Replace IHE
E C	Configuration failure	2 cooking zones are connected on the same key		Configure again with the manual procedure
E H	Fixed resistor recognition	If there is no temperature change at the cook place after activation of cooktop within 5 minutes, error display shows message "E H"		Induction cooktop has to cool down

# 42408-0 INDUCTION ECO

Error Code	Description	Potential Failure	Measure	What to do...
No display / Function	Wrong connection 400V Error on Touch Control	Defect mains connection Component part error on TC Component part error on IHE		Correctly execute mains connection replace TC replace IHE Review or replacement of Lin Bus Cable
	Incorrect pot detection	Pan not adapted Component failure on IHE	 	Use an adapted pan Replace IHE
Cyclic bar display Er31 Er47	TC	Wrong TC Wrong type		Replace TC
Er22	Key evaluation defect, Touch Control switches off after 3,5-7,5s.	Short circuit or interruption around key evaluation		Replace TC

# 42408-0 INDUCTION ECO

Error Code	Description	Potential Failure	Measure	What to do...
Er 03 	Continuous key activation, Control switches off after 10s.	Liquid or cookware on glass above control		Clean glass ceramics
Er 20	Flash error Data not plausible Flash Rom check sum wrong Programming options wrong	Component part error on Touch Control		replace Touch Control
Cooking level back to 0	Power level returns automatically to zero	Component part error on IHE		Replace IHE
L	No mistake!	Safety device for children activates		Desactivate the safety device for children (see instruction manual)



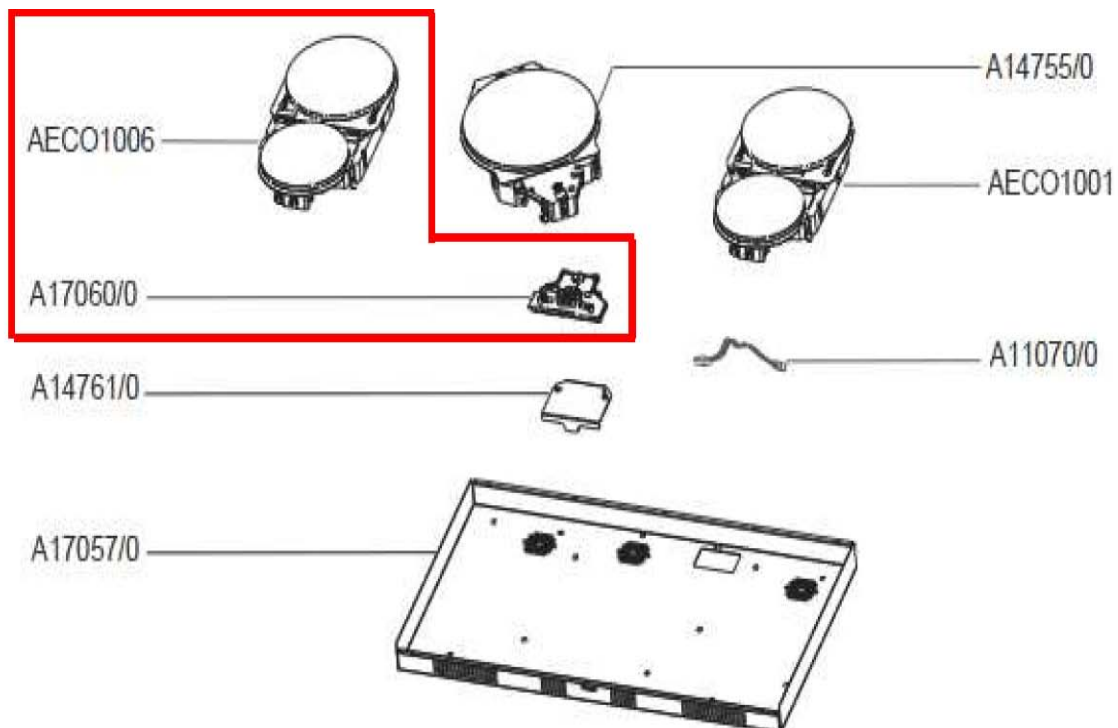
## Instruction to repair « ER03 » on C900I

### Analysis:

In a recent lifetime test, the quality control department found a component weakness for the model C900I. This weakness can lead to an ER03 failure and to defective power management.

### Recommendation:

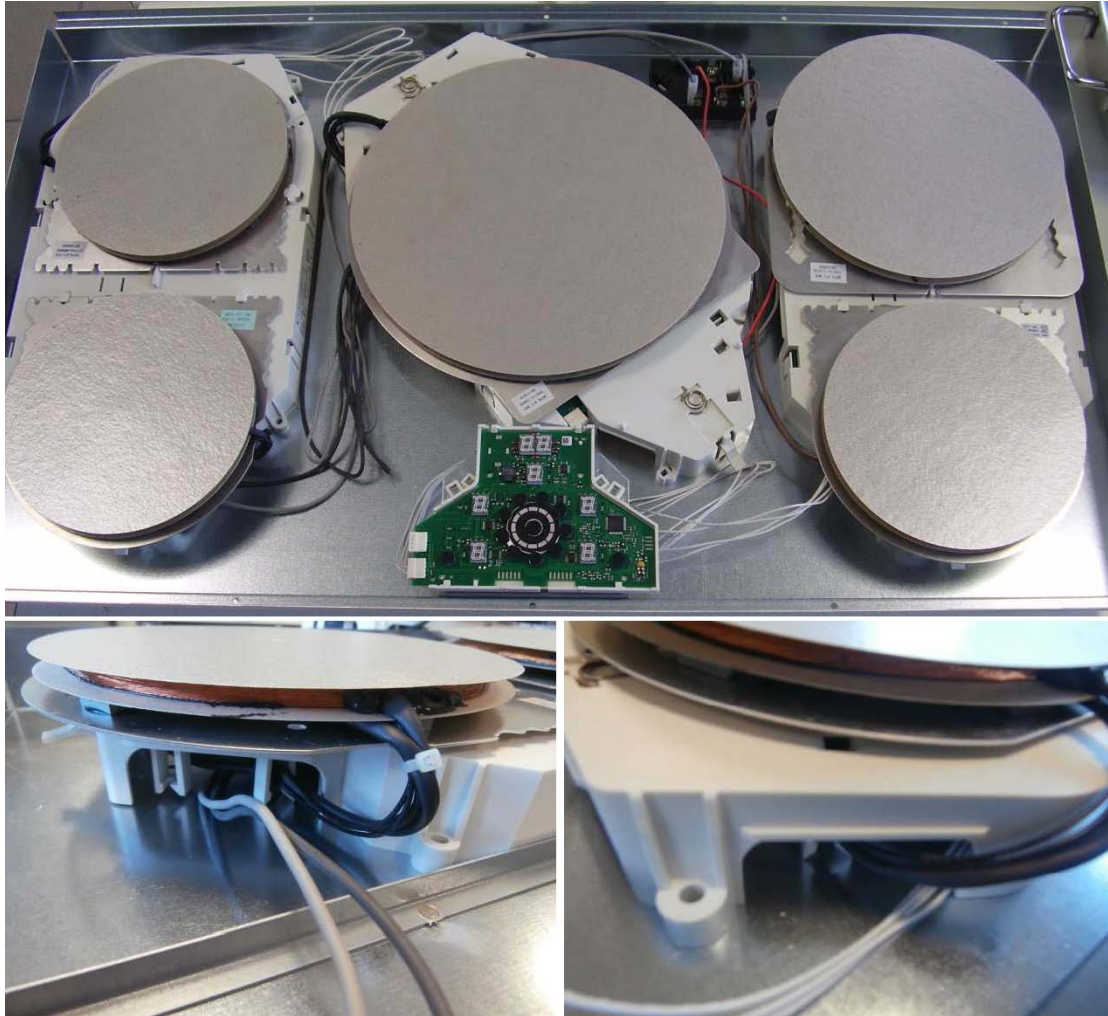
Induction module reference AECO1006 and touch control reference A17060/0 must be replaced





## Instruction to repair « ER03 » on C900I

1. Replace the inductor AECO1006. Make sure not to catch any wire between the module and the casing.



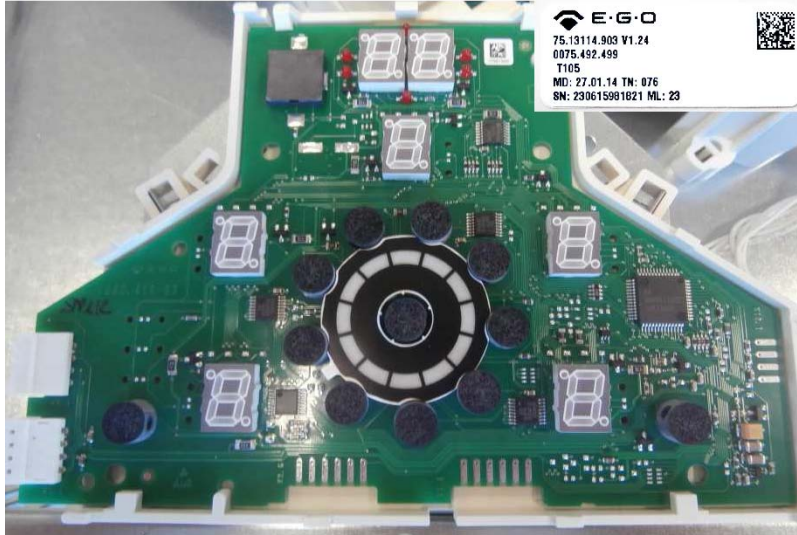
Pay attention to the retaining clips.





## **Instruction to repair « ER03 » on C900I**

2. Replace the touch control A17060/0



3. Set the right configuration into the touch control (see doc.43511/0).

**Remark:**

When returning the faulty parts, please clearly mark on them “ER03 ISSUE” and make sure that they will not be mixed with other returns.