



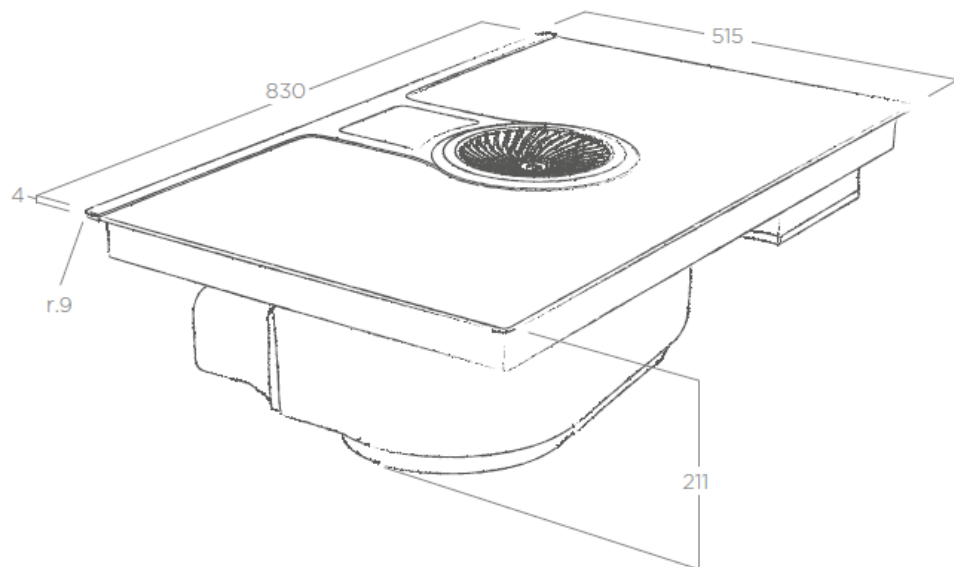
Service Manual Nikola Tesla ONE



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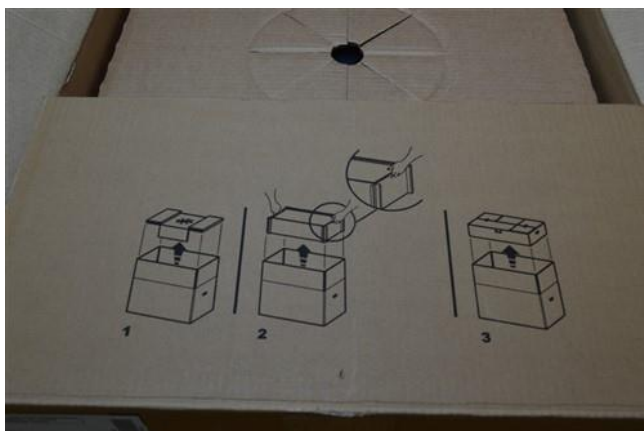
**IN CASE OF INSTALLATION AND
DISINSTALLATION OF THE
PRODUCT / IN CASO DI
INSTALLAZIONE E
DISINSTALLAZIONE DEL PRODOTTO**



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Packaging presentation / Presentazione imballaggio

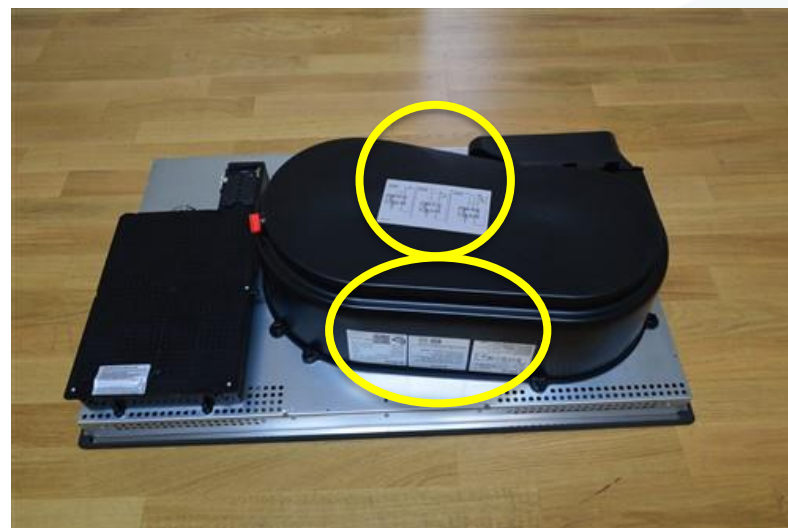
This is how the product is shown with its packaging. The labels containing the product information are on the outside of the box. / Questo è come si presenta il prodotto imballato. Le etichette caratteristiche contenenti le informazioni del prodotto si trovano all'esterno della scatola.



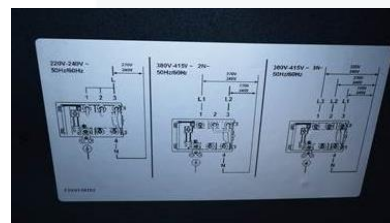
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Product presentation / Presentazione del prodotto

Here is how the product looks once unboxed. Before the installation, remove all the accessories from the product. / Questo è come si presenta il prodotto fuori dall'imballaggio. Prima dell'installazione, rimuovere tutti gli accessori dal prodotto.



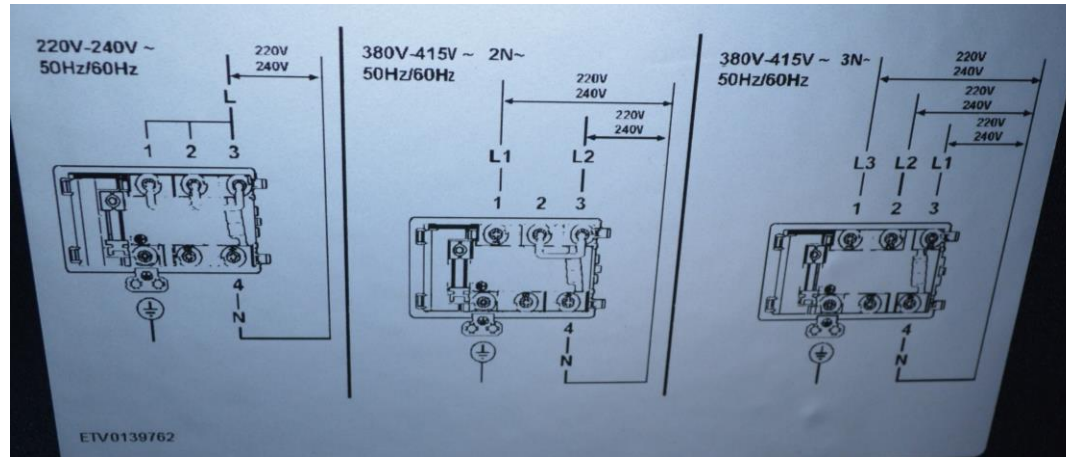
ATTENTION: Electrical diagrams and product label are located behind the product /
ATTENZIONE: gli schemi elettrici e l'etichetta caratteristica sono posizionate dietro al prodotto



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Product presentation / Presentazione del prodotto

Electrical diagrams: connect the electronics properly, according to your needs /
Schemi elettrici: eseguire la connessione in base a quella che si necessita.



Product label: code for the identification of the product (12NC) /
Etichetta caratteristica: codice per l'identificazione del prodotto (12NC)



ATTENTION: some products may also contain 12NC in the user manual /
ATTENZIONE: alcuni prodotti possono contenere il 12NC nel manuale utente.

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Product presentation / Presentazione del prodotto

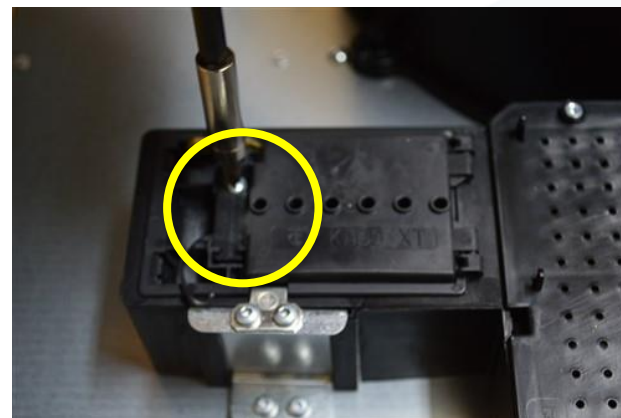
The following tools are required to perform a well-done repair:/ Sono necessari i seguenti strumenti per una corretta riparazione del prodotto:

- torx 10
- torx 20
- flathead 10 / cacciavite a taglio 10
- Scissors / forbici
- Pliers / pinze
- socket wrench 13 / bussola meccanica 13
- Cable ties / fascette di plastica



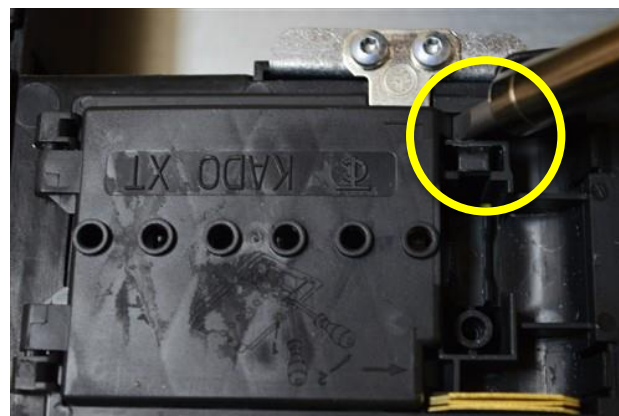
How to connect the product / Come connettere il prodotto

To define the product connections it is necessary to remove the special screw with the screwdriver. Then lift the tongue by applying a light pressure with the screwdriver. / Per definire le connessioni del prodotto è necessario rimuovere la vite principale con il cacciavite. Successivamente, sollevare la linguetta facendo una lieve pressione con il cacciavite.



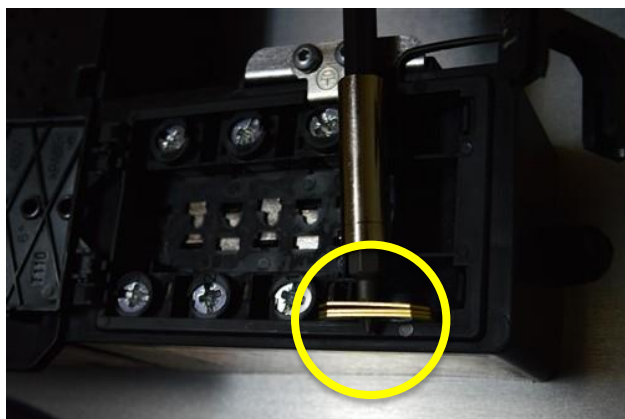
How to connect the product / Come connettere il prodotto

Lift the tongue by applying a light pressure with the screwdriver left and right sides both./ Sollevare la linguetta facendo una lieve pressione con il cacciavite su entrambe le parti destra e sinistra.



How to connect the product / Come connettere il prodotto

Take the bridges /
Prendere i ponti



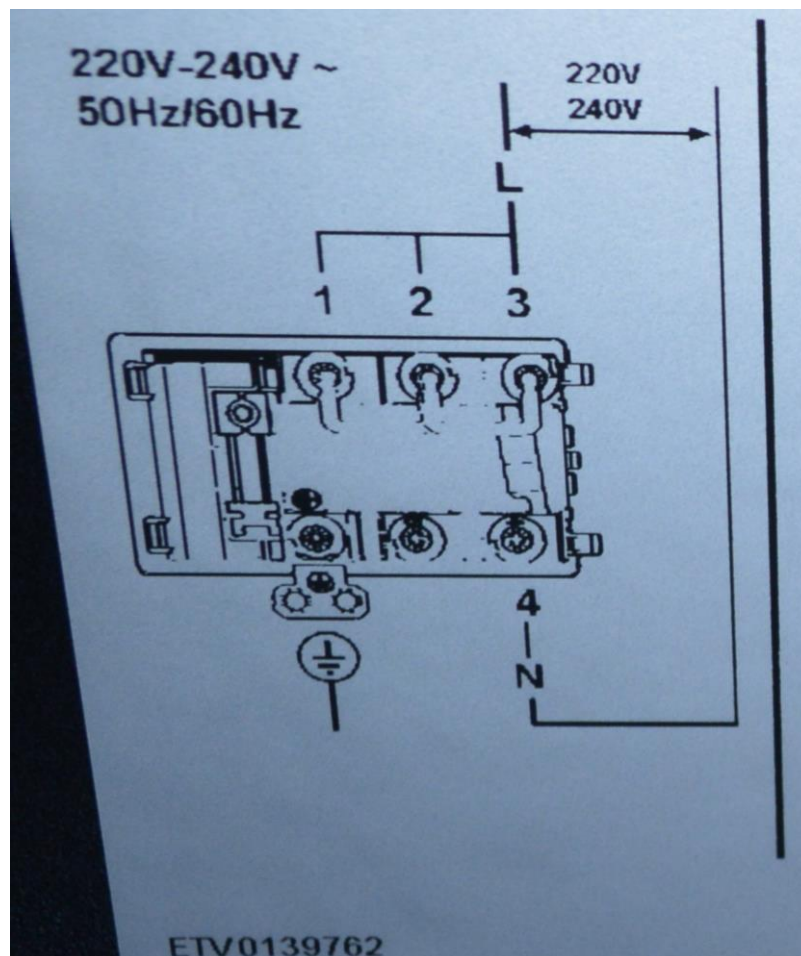
There are three bridges.
Don't lose them! / Ci sono
tre ponti, non perderli!



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How to connect the product / Come connettere il prodotto

Connection example / Esempio di connessione 220V – 240 V.

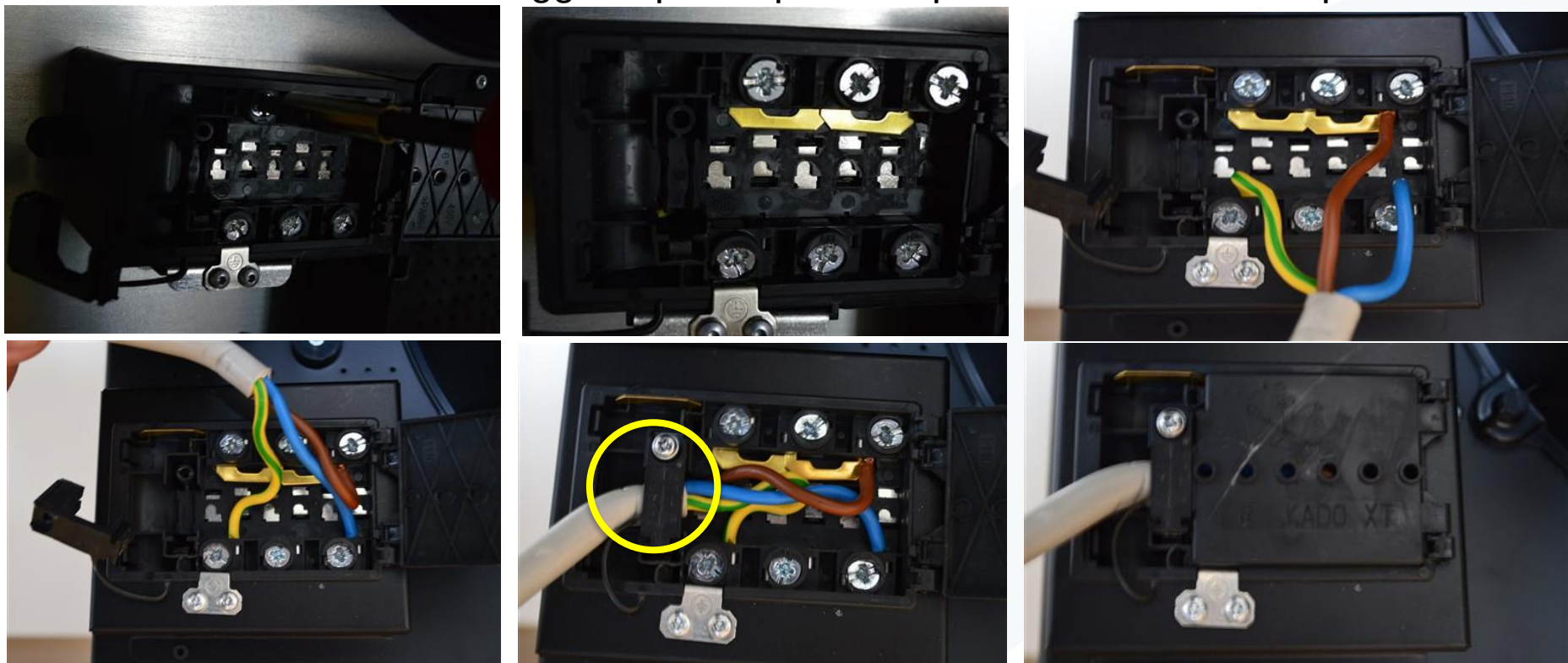


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How to connect the product / Come connettere il prodotto

Connection example 220V – 240V. First remove the screws, then insert the bridges and eventually connect the wirings. At this point it is possible to close the counter. /

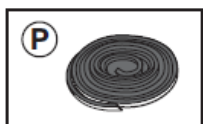
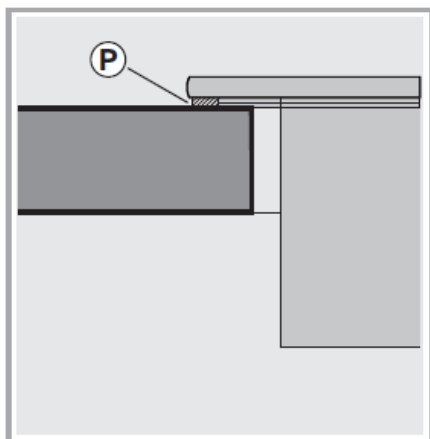
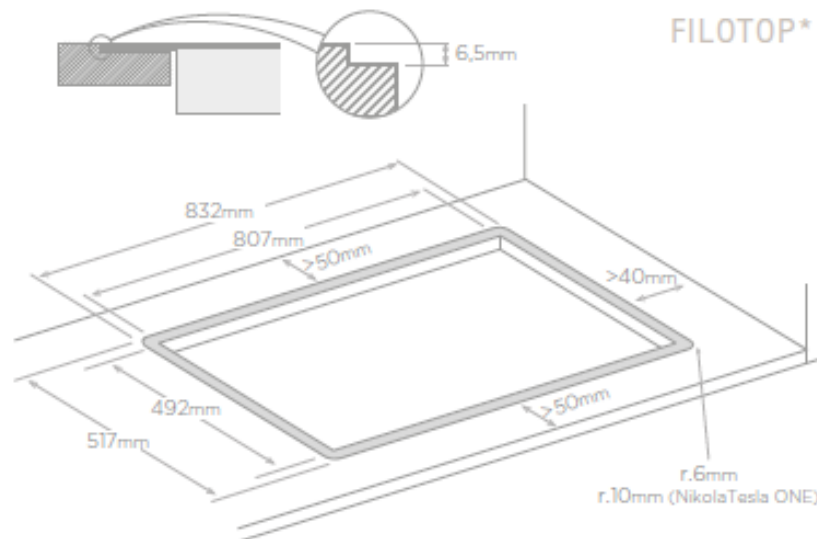
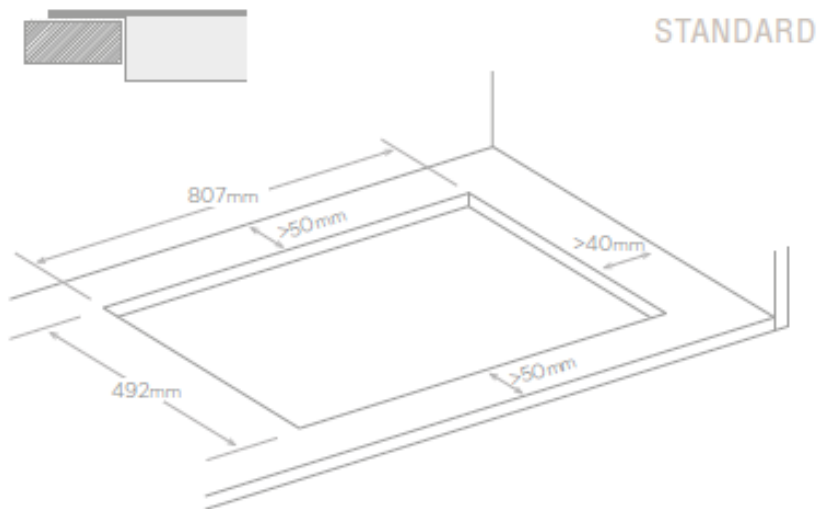
Esempio di connessione 220V – 240V. Prima svitare le viti, poi inserire i ponti ed infine connettere i cablaggi. A questo punto, è possibile chiudere lo sportello.



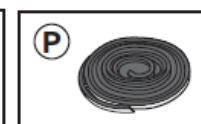
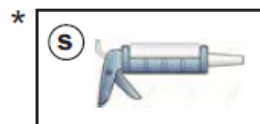
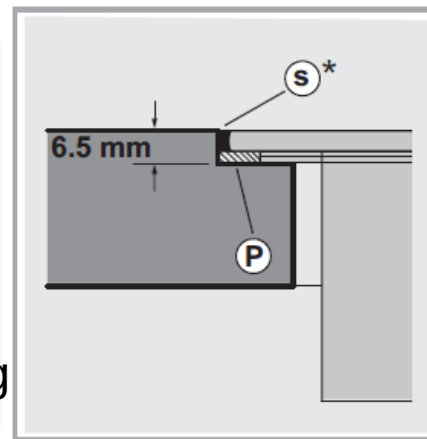
ATTENTION: route the cable into the space provided /
ATTENZIONE: conduci il cavo nello spazio fornito

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Focus on Installation / Focus su installazione



Wait 24H before using
the hob / Aspetta 24
ore prima di usare il
piano cottura



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Focus on Installation / Focus su installazione

Installation videos: / Video di installazione:

Version	You Tube link
DUCT OUT – NIKOLA TESLA ONE	https://youtu.be/4tQUnZpSV3s
RECYCLING – NIKOLA TESLA ONE	https://youtu.be/VaDExZUplFc

DUCT-OUT INSTALLATION MODES / MODALITÀ ASPIRANTE

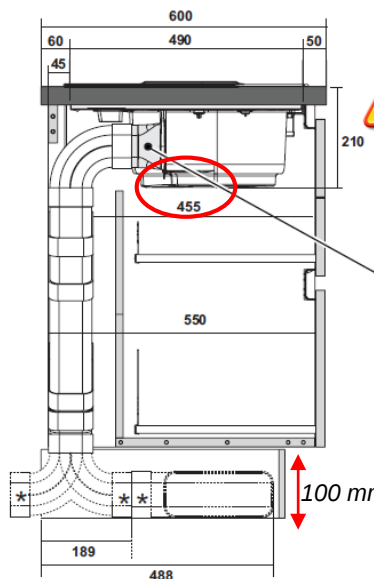
Cooking vapors are conveyed to the outside by means of compact pipes that pass into the free space under the bases. The height of the base board must be at least 100 mm. / I vapori della cucina sono trasportati tramite tubature che passano nello spazio libero situato sotto le basi. L'altezza della base deve essere di almeno 100 mm.



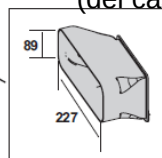
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Focus on Installation / Focus su installazione

CONSTRAINTS (STANDARD CABINET – 600 mm) / LIMITI (MOBILE STANDARD – 600 mm)



Minimum depth (for
drawers) 455 mm /
Profondità minima
(dei cassetti) 455 mm

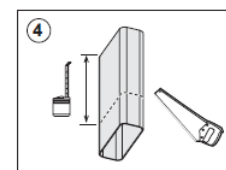
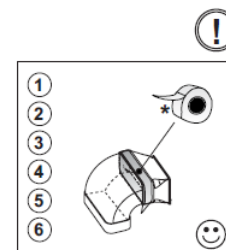
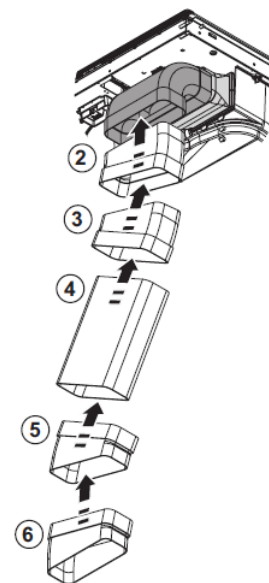


Minimum plinth height
100 mm / Altezza minima
del plinto 100 mm



Accessories for different
installations can be bought at
elicashop.com / Gli accessori per
le diverse installazioni possono
essere acquistati su
elicashop.com

INSTALLATION / INSTALLAZIONE



Attention:

- Use sellotape to link tubes
- It is possible to cut the tubes /

Attenzione:

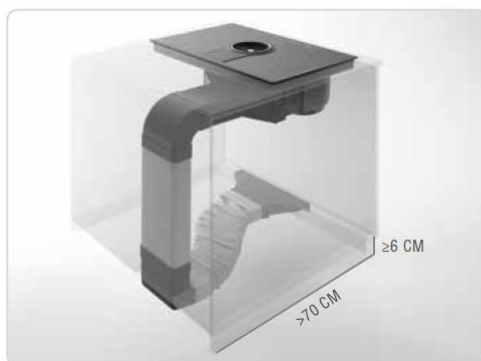
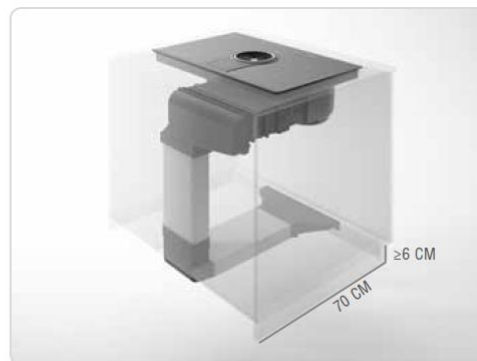
- Usa il nastro adesivo per collegare i tubi
- È possibile tagliare i tubi

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Focus on Installation / Focus su installazione

RECYCLING INSTALLATION MODES / MODALITÀ FILTRANTE

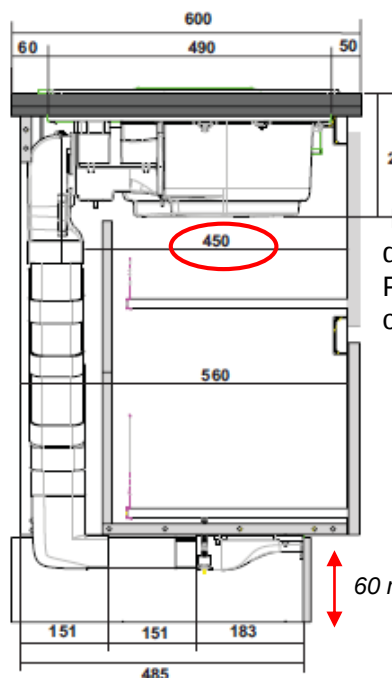
Thanks to the special components provided by Elica, installation is also possible in kitchens whose base board is 60 mm high. / Grazie agli speciali componenti forniti da Elica, l'installazione è possibile anche in cucine la cui base è alta 60 mm.



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Focus on Installation / Focus su installazione

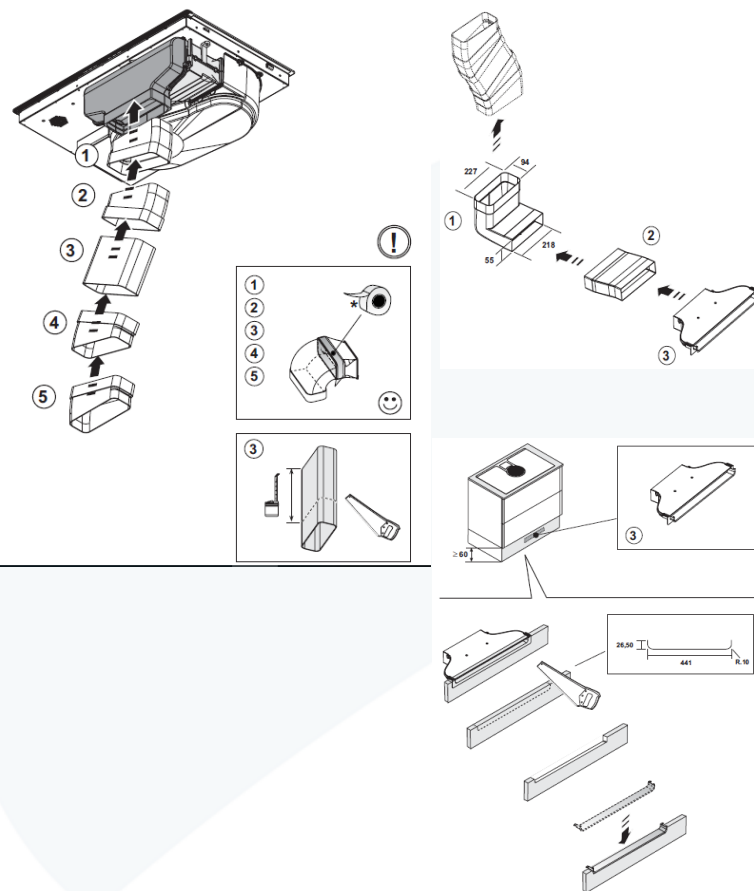
CONSTRAINTS (STANDARD CABINET – 600 mm) / LIMITI (MOBILE STANDARD – 600 mm)



⚠ Minimum depth (for drawers) 450 mm /
Profondità minima (dei cassetti) 450 mm

⚠ Minimum plinth height 60 mm /
Altezza minima del plinto 60 mm

INSTALLATION / INSTALLAZIONE

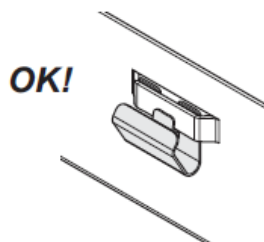
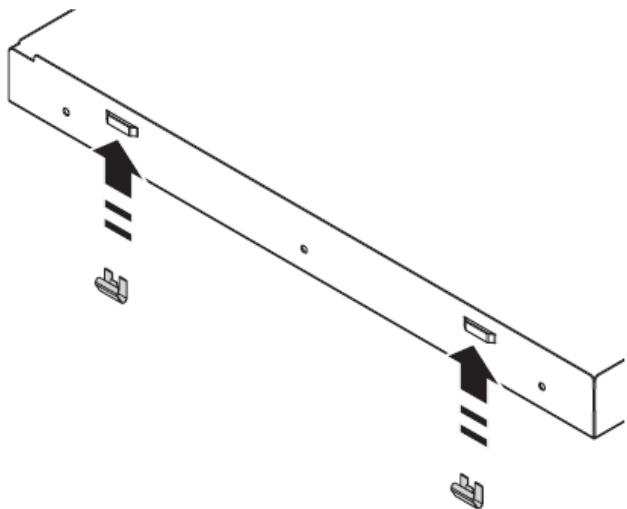


RECYCLING INSTALLATION / FILTRANTE

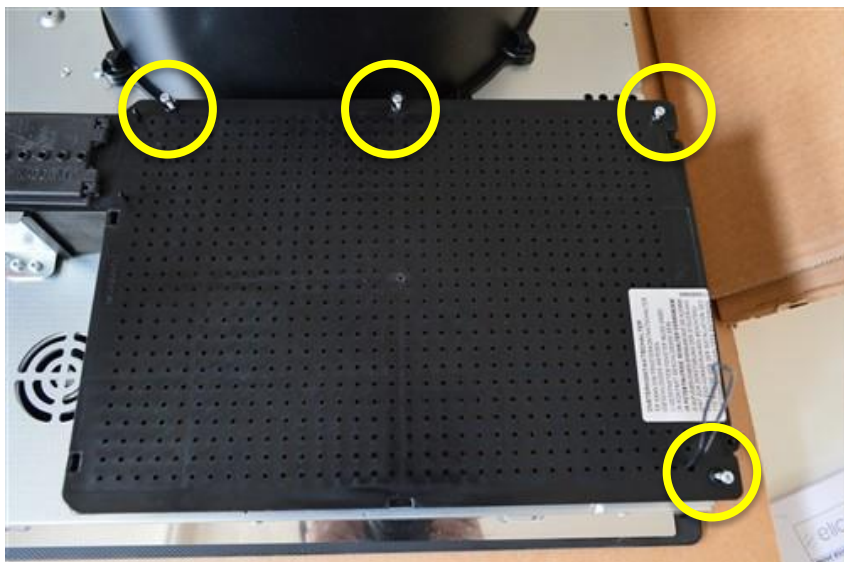
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Focus on Installation / Focus su installazione

How to fix the hob to the cabinet: use the 4 positioning springs and insert them in the 4 appropriate boxes located on the 2 short sides of the hob / Come fissare il piano cottura al mobile: utilizzare le 4 molle di posizionamento e inserirle nelle 4 apposite scatole poste sui 2 lati corti del piano cottura.



Spare part replacement: how to remove CIRCUIT BOARD and ELECTRONIC VARIATOR / Sostituzione pezzo di ricambio : come rimuovere il circuito stampato e l'ELECTRONIC VARIATOR (variatore elettronico)



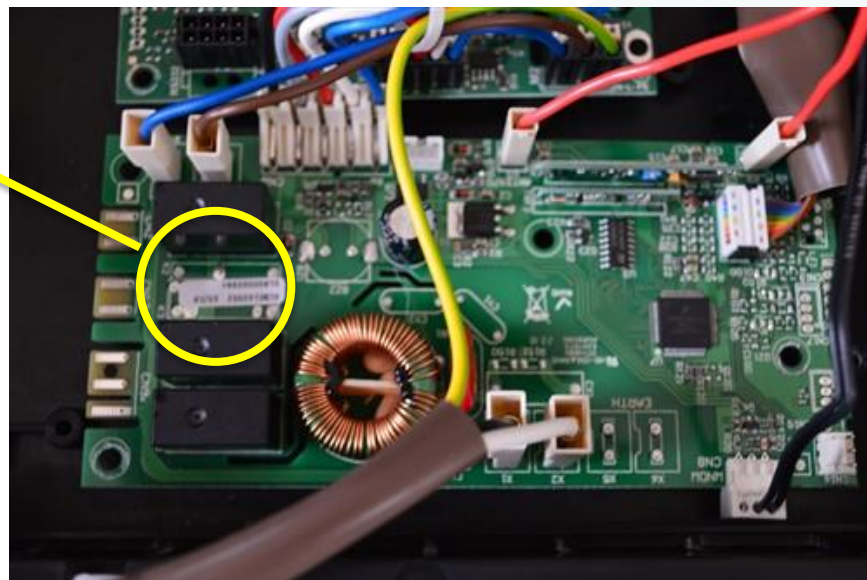
Spare part replacement: how to remove CIRCUIT BOARD and ELECTRONIC VARIATOR / Sostituzione pezzo di ricambio : come rimuovere il circuito stampato e l'ELECTRONIC VARIATOR (variatore elettronico)

CIRCUIT BOARD: CIRCUITO STAMPATO



In the highlighted area it is possible to check the CIRCUIT BOARD code and the production date about this component. / Nell'area evidenziata, è possibile controllare il codice del circuito stampato e la data di produzione di questo componente.

Example/Esempio: **03/19** =
week/year / settimana/anno



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Spare part replacement: how to remove CIRCUIT BOARD and ELECTRONIC VARIATOR / Sostituzione pezzo di ricambio : come rimuovere il circuito stampato e l'ELECTRONIC VARIATOR (variatore elettronico)

ELECTRONIC VARIATOR



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Spare part replacement: how to remove CIRCUIT BOARD and ELECTRONIC VARIATOR / Sostituzione pezzo di ricambio : come rimuovere il circuito stampato e l'ELECTRONIC VARIATOR (variatore elettronico)

CIRCUIT BOARD / CIRCUITO STAMPATO

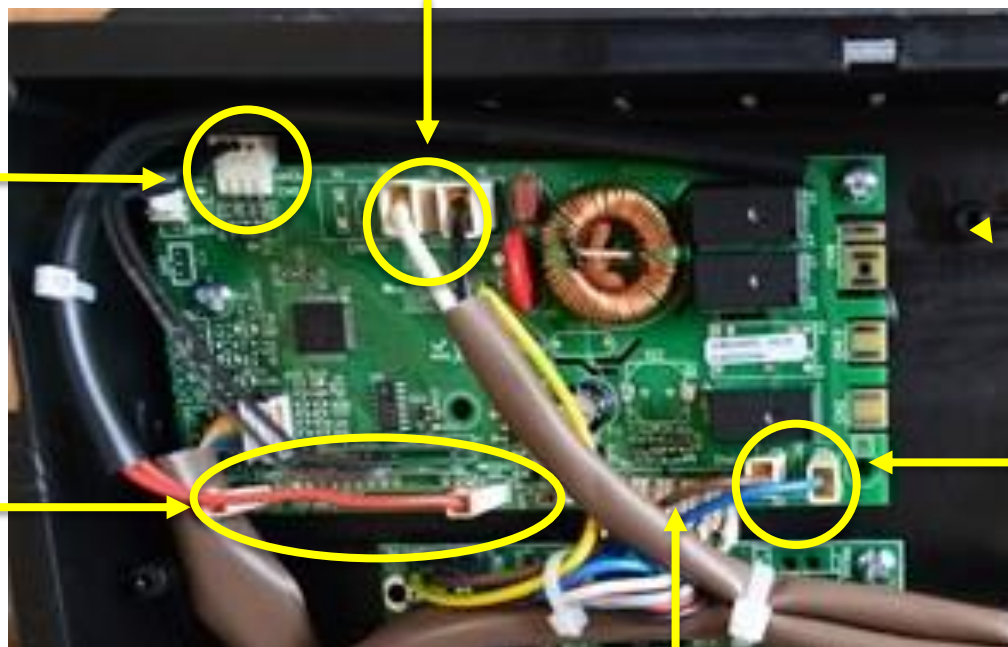
Power Supply entrance/ Ingresso alimentazione 230V

Window switch



Read user manual/Leggere il manuale utente

Antenna SNAP



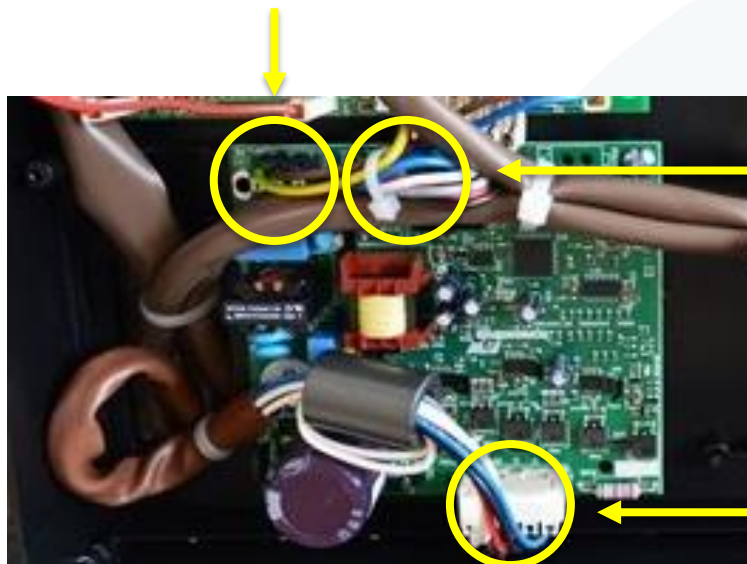
Exit power supply motor / Uscita alimentazione motore 230V

Exit motor control / Uscita controllo motore

Spare part replacement: how to remove CIRCUIT BOARD and ELECTRONIC VARIATOR / Sostituzione pezzo di ricambio : come rimuovere il circuito stampato e l'ELECTRONIC VARIATOR (variatore elettronico)

ELECTRONIC VARIATOR

Entrance power supply motor
/ Entrata alimentazione
motore 230V



Entrance motor
control on
BLDC

Exit motor
control on
BLDC

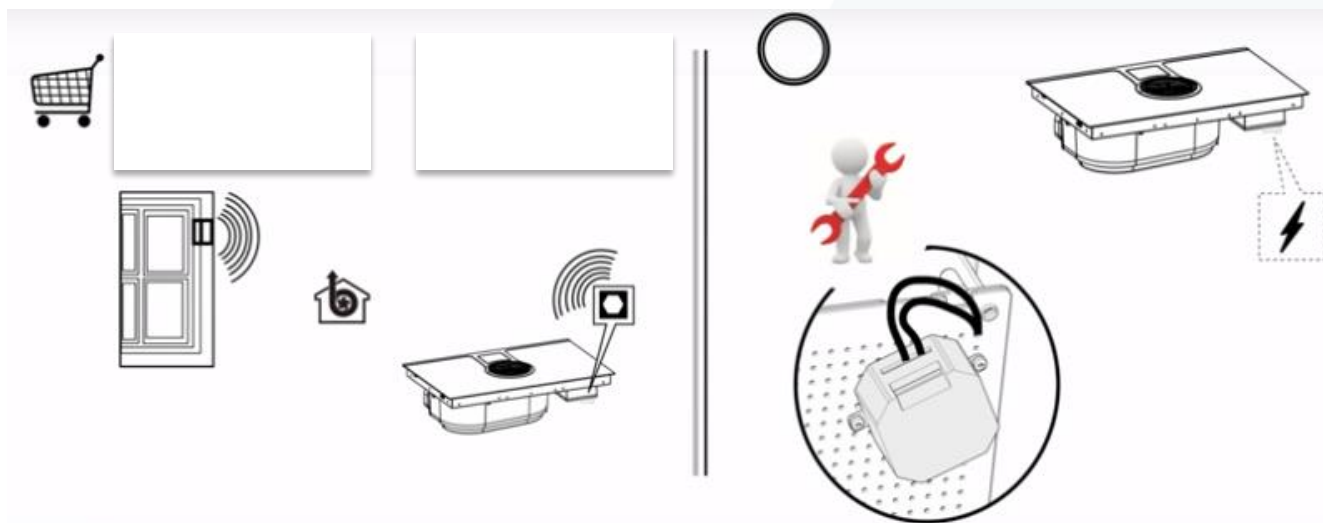
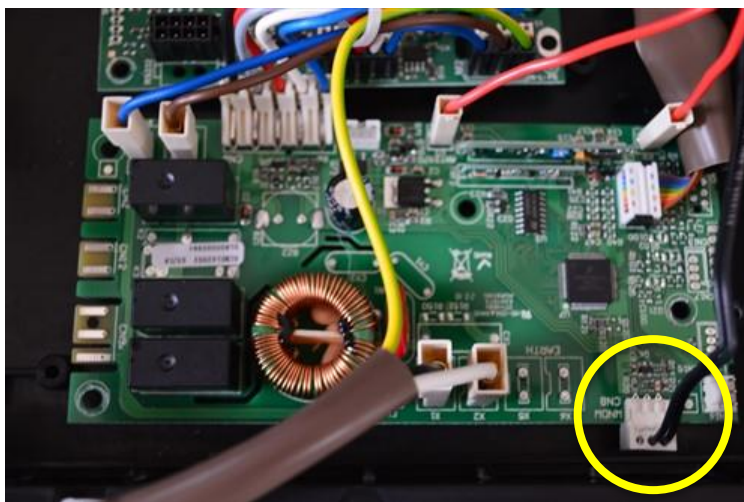
Spare part replacement: how to remove CIRCUIT BOARD and ELECTRONIC VARIATOR / Sostituzione pezzo di ricambio : come rimuovere il circuito stampato e l'ELECTRONIC VARIATOR (variatore elettronico)

CIRCUIT BOARD: the 2 red jump wires are the antenna to communicate with SNAP once installed in the kitchen. / Circuito stampato: i due cavi a ponte sono l'antenna per comunicare con lo SNAP una volta installati in cucina.



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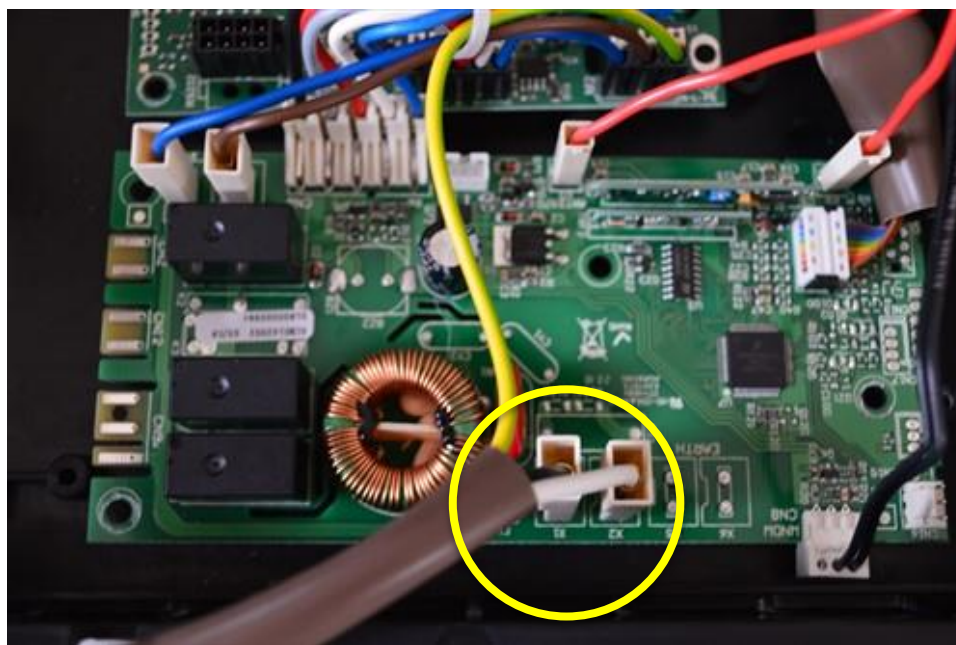
CIRCUIT BOARD: Window switch /
CIRCUITO STAMPATO: Window switch



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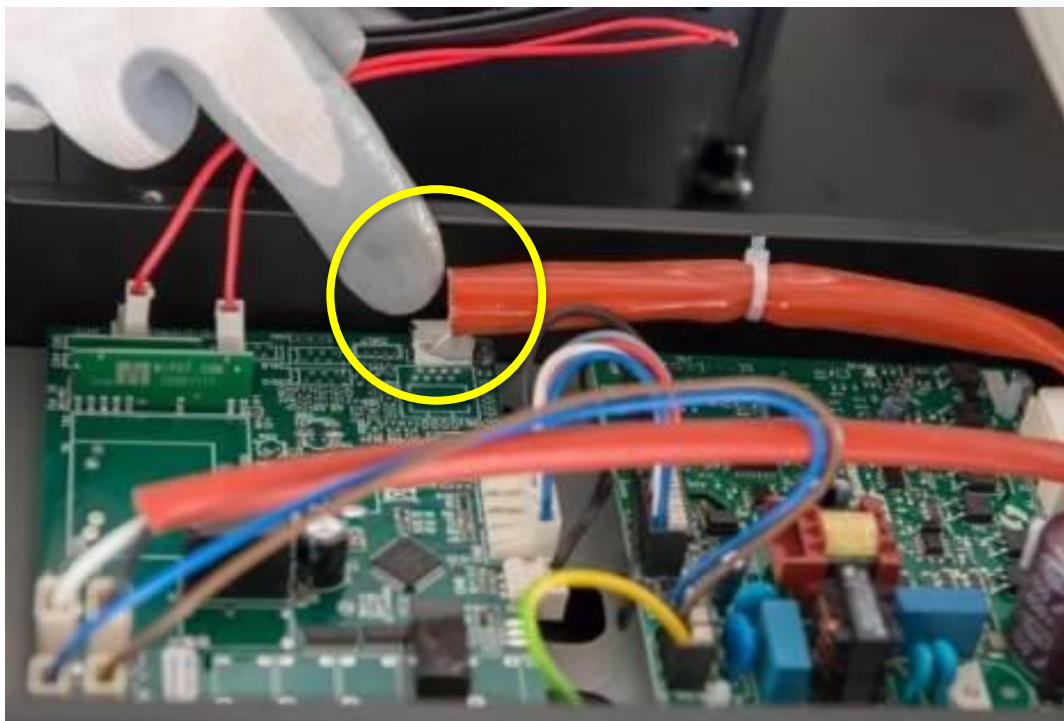
Spare part replacement: Check the CIRCUIT BOARD alimentation / Sostituzione pezzo di ricambio: Controllare l'alimentazione del circuito stampato

To verify the CIRCUIT BOARD alimentation, check that in the highlighted point there is **220-230 V** of power / Per verificare l'alimentazione del circuito stampato, controllare che nel punto evidenziato ci sia **220-230 V** di potenza.



Spare part replacement: Connection with INDUCTION PLATE / Sostituzione pezzo di ricambio: connessione con il modulo di induzione

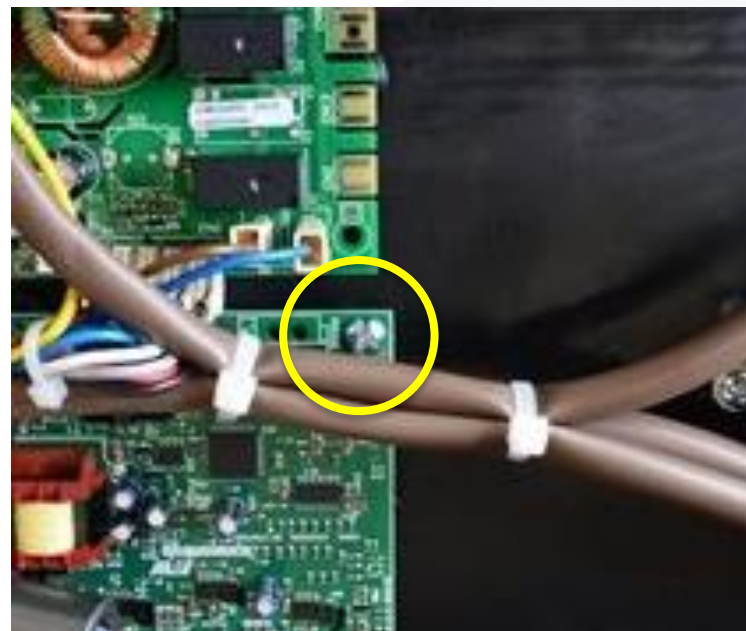
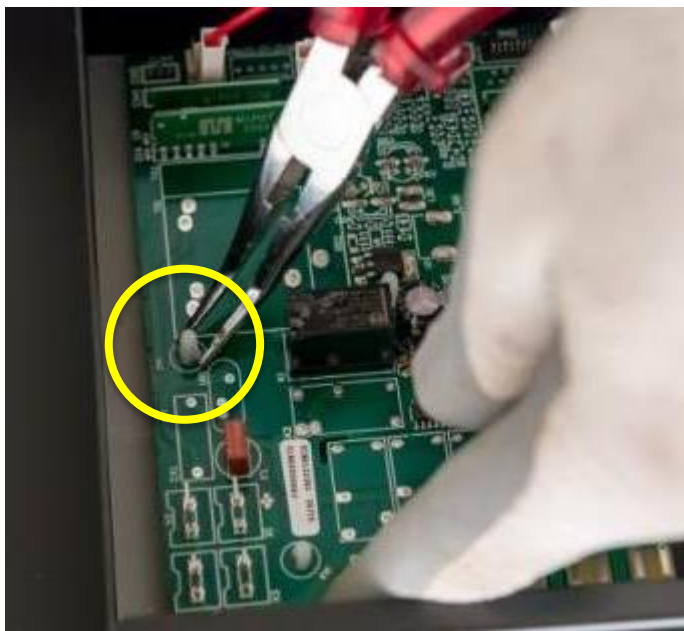
The flat ribbon cable connect the CIRCUIT BOARD to the ELECTRONIC VARIATOR CN1-X19. Supply also CIRCUIT BOARD with **5 V DC**. In case of communication problems (error code: D1) it needs to be replaced. / Il cavo piattina collega il circuito stampato all'ELECTRONIC VARIATOR CN1-X19. Fornire anche il circuito stampato con **5 V DC**. In caso di problemi di comunicazione (codice errore: D1) deve essere sostituito.



The connector with 5 leads serve to give power supply to the ELECTRONIC VARIATOR and recognize which kind of motor is installed. / Il connettore con 5 conduttori serve per fornire alimentazione all'ELECTRONIC VARIATOR e riconoscere quale tipo di motore è installato.



In order to remove the CIRCUIT BOARD and the ELECTRONIC VARIATOR, press the small hooks of the plastic supports by using pliers or a screwdriver (it depends on the production date of the hob) / Per rimuovere il circuito stampato e l'ELECTRONIC VARIATOR, premere i piccoli ganci dei supporti in plastica usando delle pinze o un cacciavite (dipende dalla data di produzione del piano cottura)



Spare part replacement: remove the earth wiring / Sostituzione pezzo di ricambio:
rimuovere il cablaggio di terra

ELECTRONIC VARIATOR: remove the earth wiring by pressing the release hook /
ELECTRONIC VARIATOR: rimuovere il cablaggio di terra premendo il gancio di rilascio



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Spare part replacement: remove the connector / Sostituzione pezzo di ricambio:
rimuovere il connettore

ELECTRONIC VARIATOR: for the connector removal, use a screwdriver to open the
security lock / ELECTRONIC VARIATOR: per la rimozione del connettore, usare un
cacciavite per aprire il blocco di sicurezza



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Spare part replacement: remove the plastic motor cover / Sostituzione pezzo di ricambio: / Rimuovere la vasca di plastica del motore

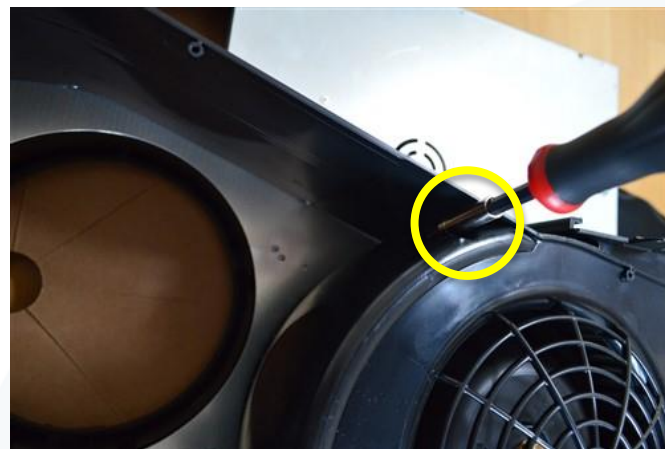
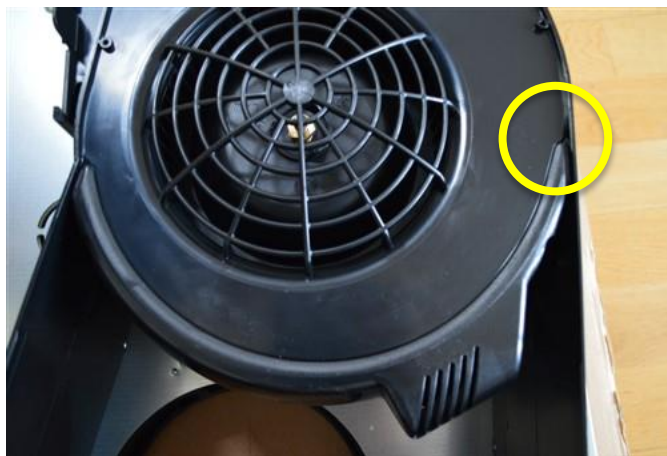
Spare part replacement: first remove deflector, then rotate 2 pins to remove the conveyor / Sostituzione pezzo di ricambio: prima rimuovere il deflettore, poi ruotare 2 perni per rimuovere il convogliatore



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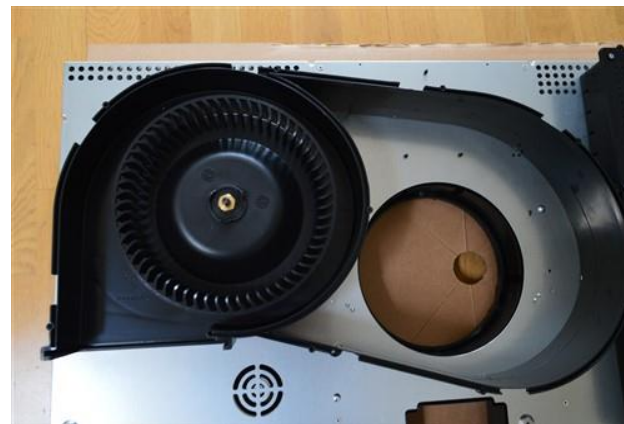
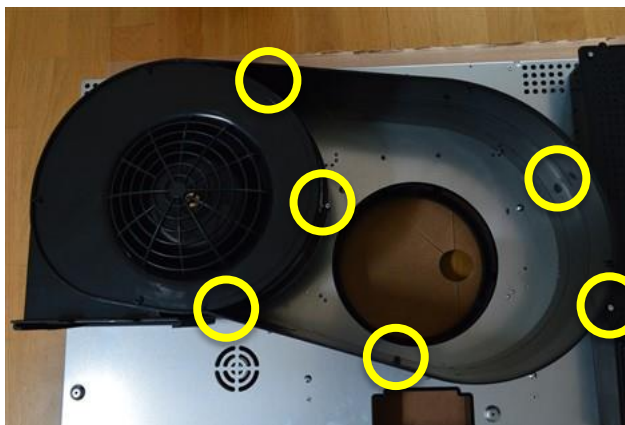
Spare part replacement: remove the plastic motor cover / Sostituzione pezzo di ricambio: / Rimuovere la vasca di plastica del motore

Remove the plastic cover by unscrewing the 2 screws / Rimuovere la vasca di plastica svitando le 2 viti

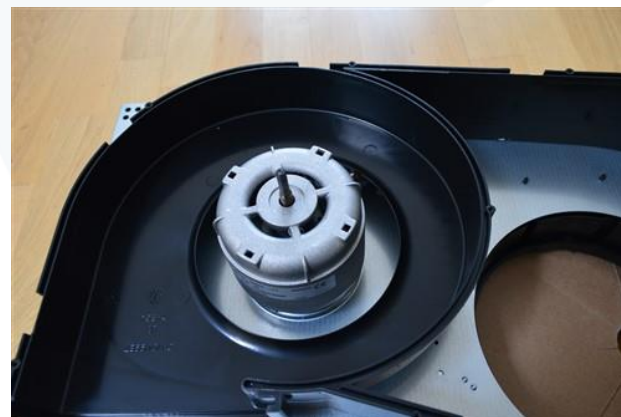


Spare part replacement: remove the plastic motor cover / Sostituzione pezzo di ricambio: / Rimuovere la vasca di plastica del motore

Unscrew the external screws to remove the lower part of the conveyor. / Svitare le viti esterne per rimuovere la parte inferiore del convogliatore.

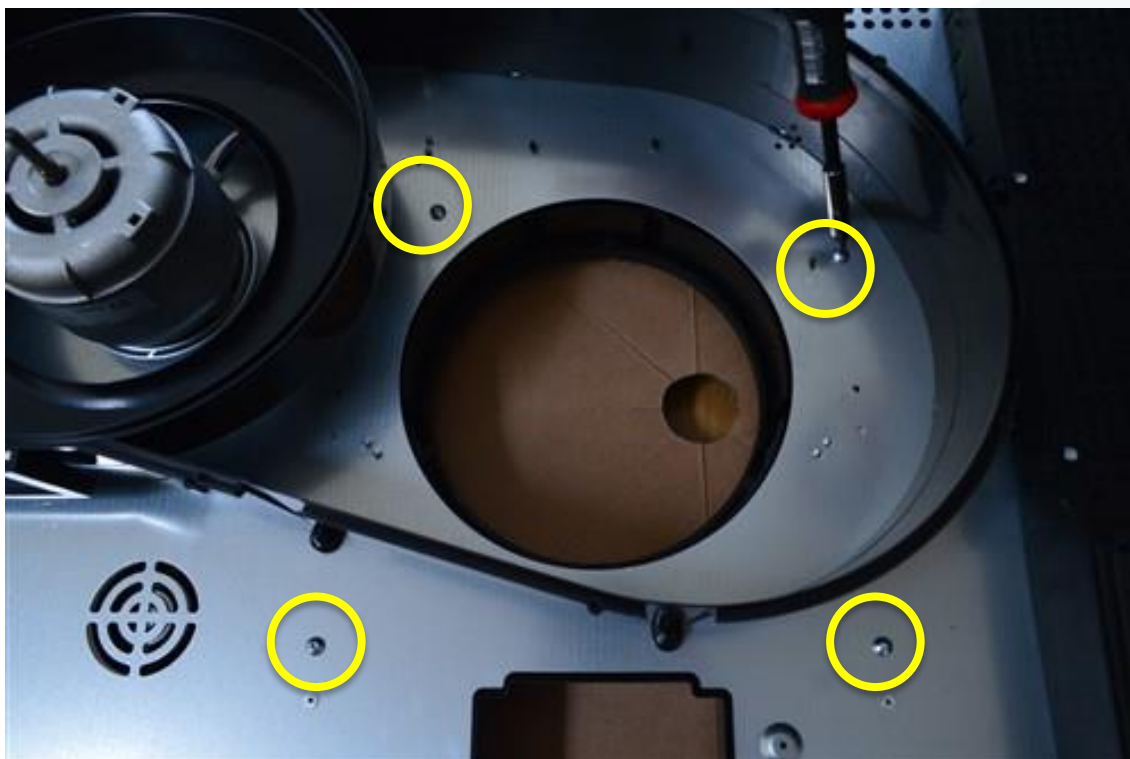


Hold the fan wheel in order to not deform it during the unscrewing. / Tenere la girante per non deformarla durante lo svitamento.



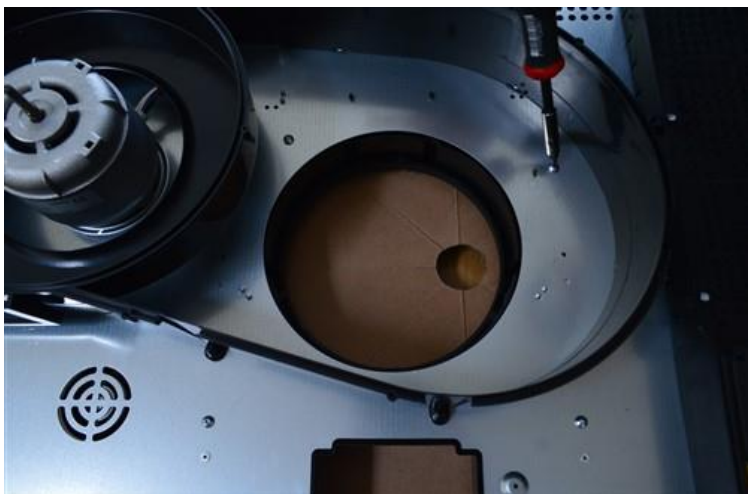
Spare part replacement: remove the glass / Sostituzione pezzo di ricambio:
rimuovere il vetro

Remove the 4 screws under the product: there are 2 fixing screws placed externally of the conveyor and 2 fixing screws placed inside the conveyor. / Rimuovere le 4 viti sotto il prodotto: ci sono 2 viti di fissaggio poste esternamente al convogliatore e 2 viti di fissaggio poste all'interno del convogliatore.



Spare part replacement: remove the glass / Sostituzione pezzo di ricambio: rimuovere il vetro

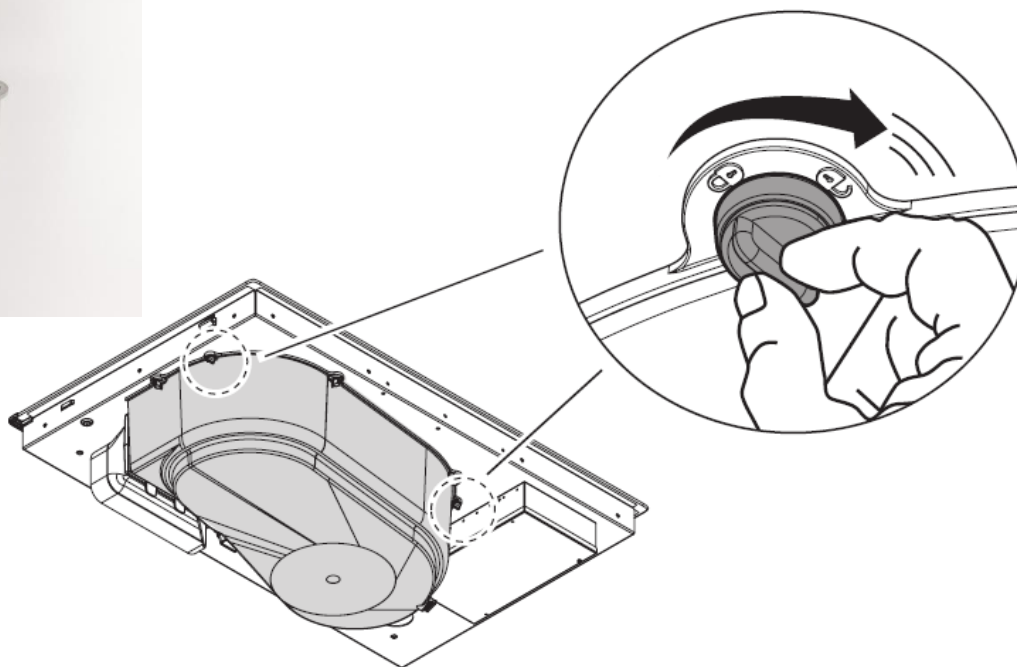
Before turning the top upside down, release all the screws and insert the plastic cover / Prima di capovolgere la parte superiore, svitare tutte le viti e inserire la vasca di plastica



It is used to have a regular supporting surface, to avoid damaging the product and to not lose any components or screws / Viene utilizzato per avere una superficie di supporto regolare, per evitare di danneggiare il prodotto e per non perdere componenti o viti

Spare part replacement: remove the glass / Sostituzione pezzo di ricambio: rimuovere il vetro

Use 2 pins to lock/unlock the plastic cover/
Utilizzare 2 perni per bloccare/sbloccare la
vasca di plastica



Spare part replacement: remove the glass / Sostituzione pezzo di ricambio:
rimuovere il vetro

Replace the hob in the correct position and remove all the fixing screws of the glass panel.

The glass panel is fixed on 3 sides (in total: 11 screws) /

Riporre il piano cottura nella posizione corretta e rimuovere tutte le viti di fissaggio del pannello di vetro.

Il pannello di vetro è fissato su 3 lati (in totale: 11 viti)



Service Manual – Nikola Tesla ONE

Spare part replacement: remove the glass / Sostituzione pezzo di ricambio:
rimuovere il vetro

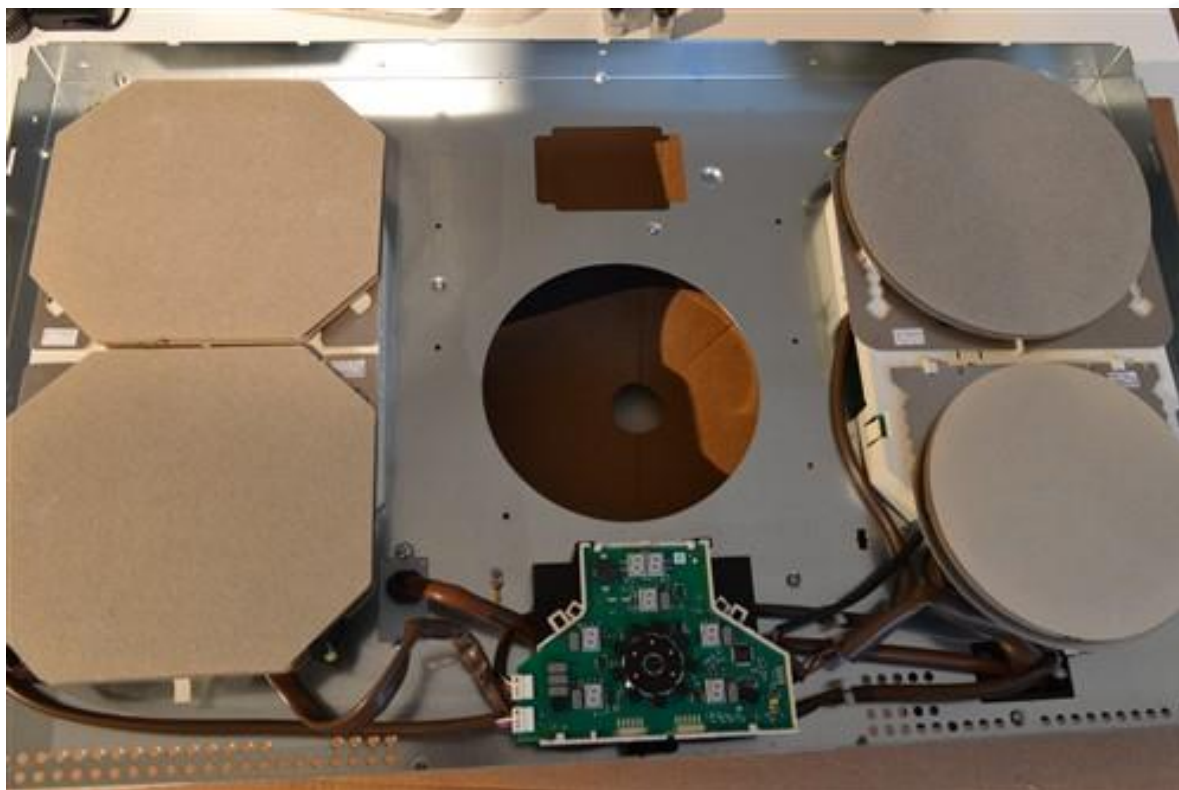
Remove the glass panel from the hob. / Rimuovere il pannello di vetro dal piano cottura



Service Manual – Nikola Tesla ONE

Spare part replacement: remove the INDUCTION PLATE / Sostituzione pezzo di ricambio: INDUCTION PLATE (modulo di induzione)

The INDUCTION PLATE and the COMPLETE SLIDER are accessible after the glass removal. There are 2 OCTA and 2 ROUND INDUCTION PLATES./ Dopo la rimozione del vetro, si può accedere all'INDUCTION PLATE e al COMPLETE SLIDER. Ci sono 2 moduli di induzione OCTA e 2 ROUND.

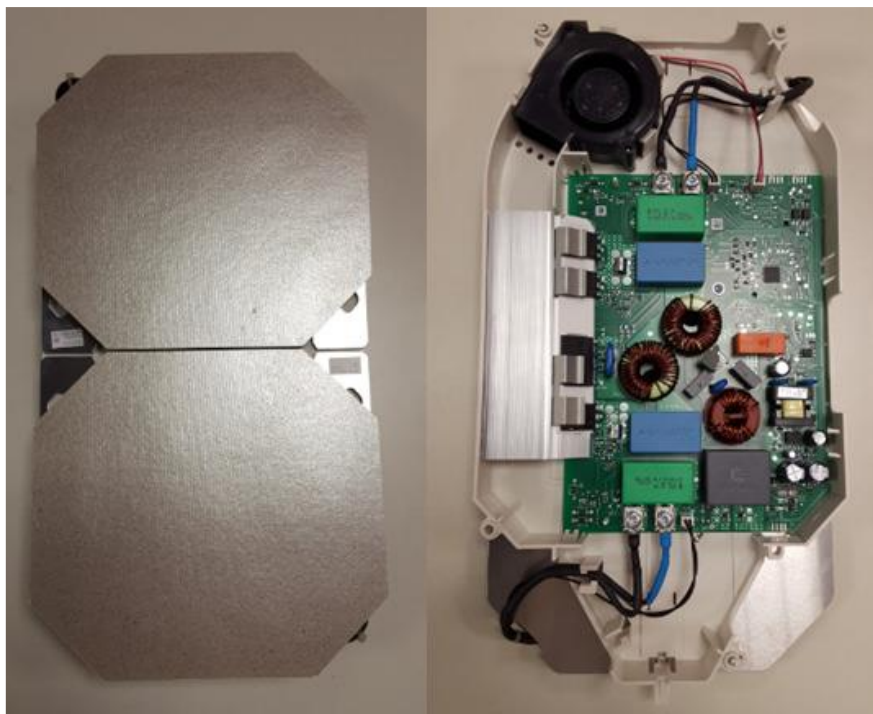


Service Manual – Nikola Tesla ONE

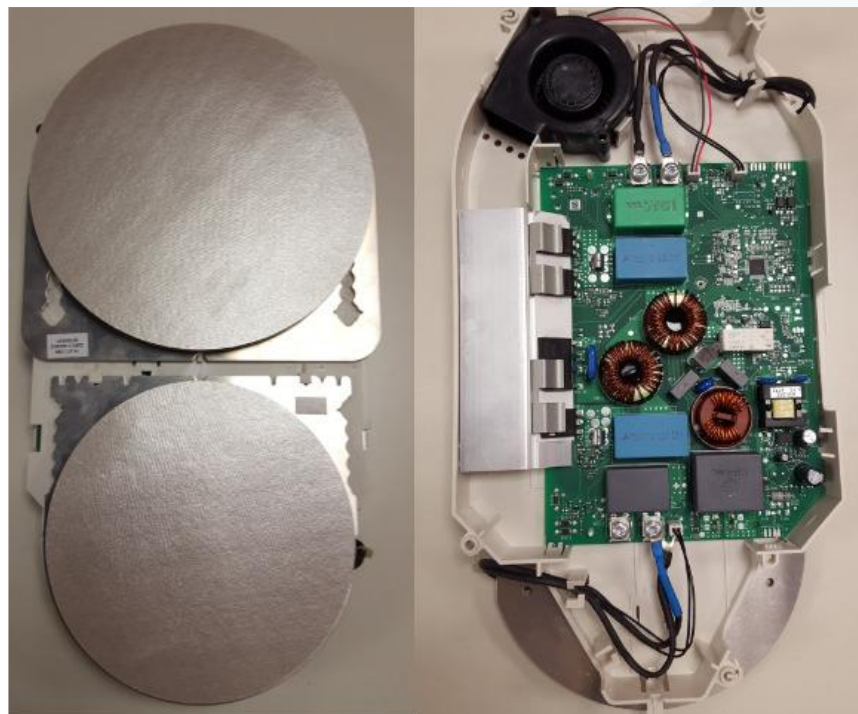
Spare part replacement: remove the INDUCTION PLATE / Sostituzione pezzo di ricambio: INDUCTION PLATE (modulo di induzione)

Induction Module / Modulo di induzione

(IPS Basic2 Octa)



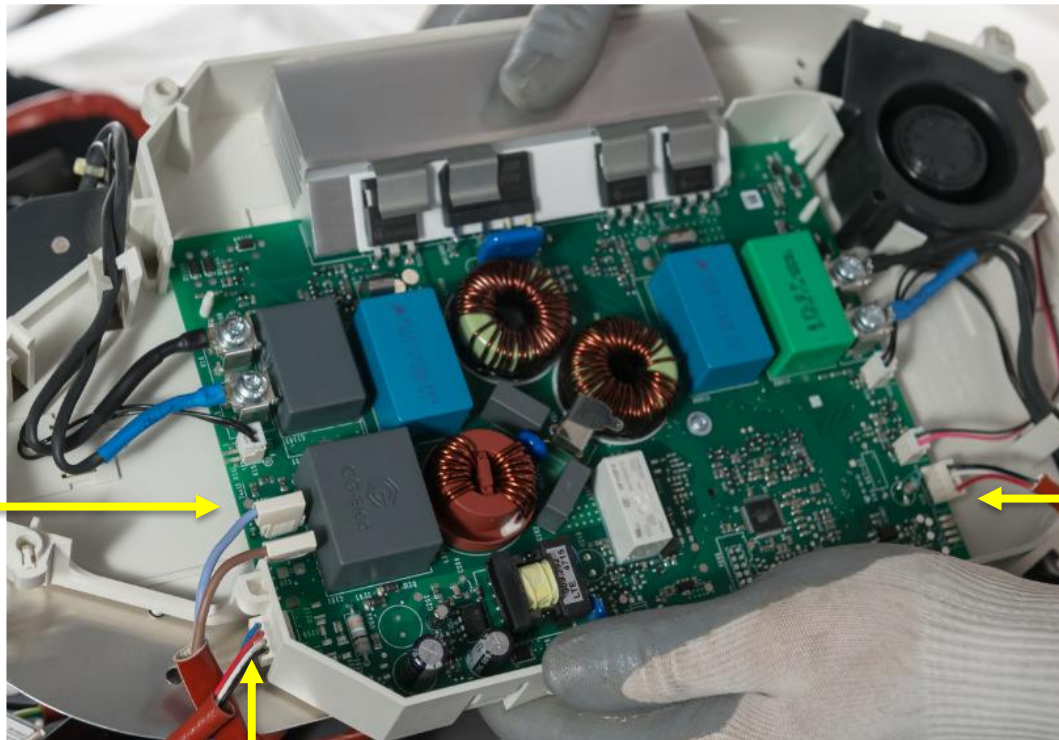
(NIPS Basic2 Round)



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Spare part replacement: remove the INDUCTION PLATE / Sostituzione pezzo di ricambio: INDUCTION PLATE (modulo di induzione)

ATTENTION: after replacing the induction plate it is necessary to make the configuration of the module / ATTENZIONE: dopo aver sostituito l'INDUCTION PLATE è necessario fare la configurazione del modulo



Lin cable to
COMPLETE
SLIDER

Lin cable to
CIRCUIT
BOARD

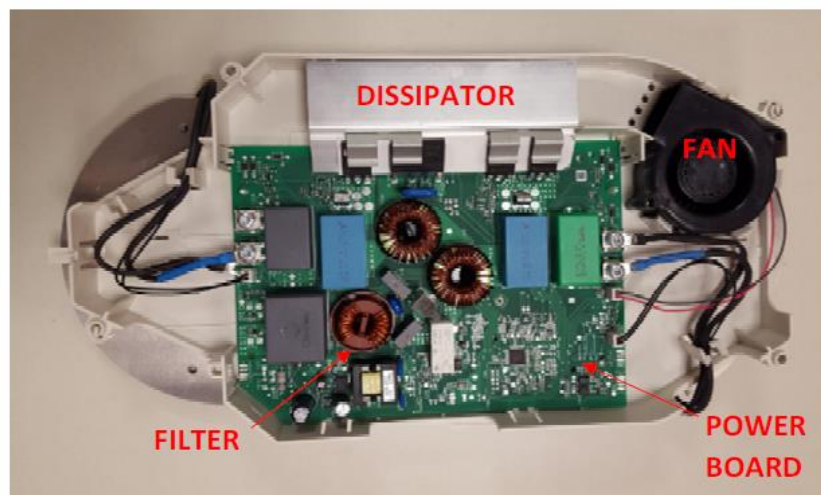
Power supply /
Alimentazione elettrica

Service Manual – Nikola Tesla ONE

Spare part replacement: remove the INDUCTION PLATE / Sostituzione pezzo di ricambio: INDUCTION PLATE (modulo di induzione)

Inductors / Induttori

They are the elements allowing power transmission into pots and without direct contact (they allow creating the electromagnetic field which in turn will allow warming the pot and its contents). The INDUCTION PLATE contain an inductive coil to heat the cookware placed on it and a temperature sensor, to determine the cooking element temperature, as well as a carrier system for fastening the INDUCTION PLATE to a mounting plate. / Sono gli elementi che consentono la trasmissione di potenza in vasi e senza contatto diretto (consentono di creare il campo elettromagnetico che a sua volta permetterà di riscaldare il vaso e il suo contenuto). L'INDUCTION PLATE contiene una bobina induttiva per riscaldare le pentole posizionate su di esso e un sensore di temperatura, al fine di determinare la temperatura dell'elemento di cottura, nonché un sistema di supporto per fissare l'INDUCTION PLATE a una piastra di montaggio.



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Spare part replacement: remove the INDUCTION PLATE / Sostituzione pezzo di ricambio: INDUCTION PLATE (modulo di induzione)

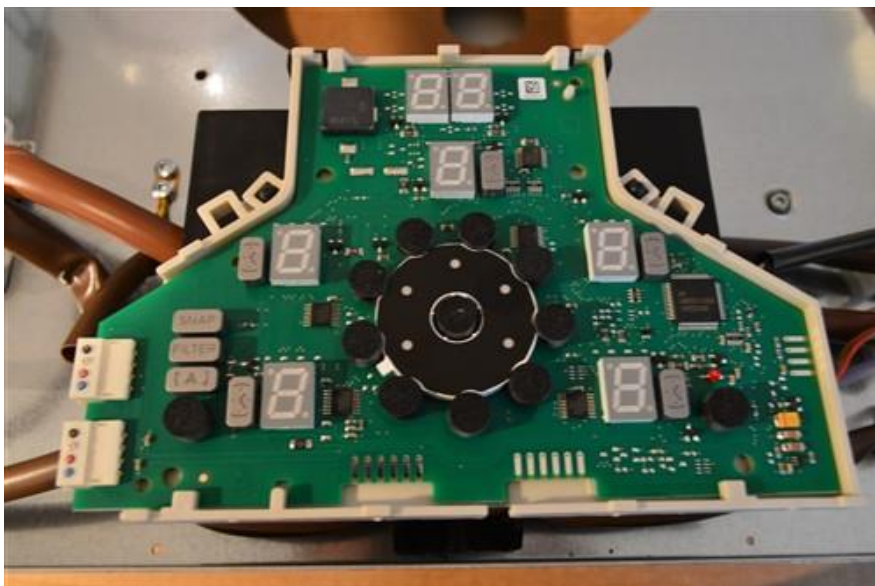
How to identify the INDUCTION PLATE codes / Come identificare i codici dell'INDUCTION PLATE



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Spare part replacement: remove the COMPLETE SLIDER / Sostituzione pezzo di ricambio: Rimuovere il COMPLETE SLIDER

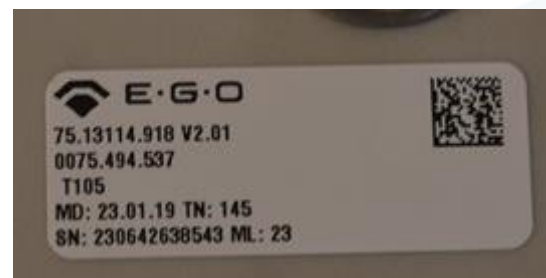
How to identify the COMPLETE SLIDER / Come identificare il COMPLETE SLIDER



Service Manual – Nikola Tesla ONE

Spare part replacement: remove the COMPLETE SLIDER / Sostituzione pezzo di ricambio: Rimuovere il COMPLETE SLIDER

How to identify the COMPLETE SLIDER / Come identificare il COMPLETE SLIDER



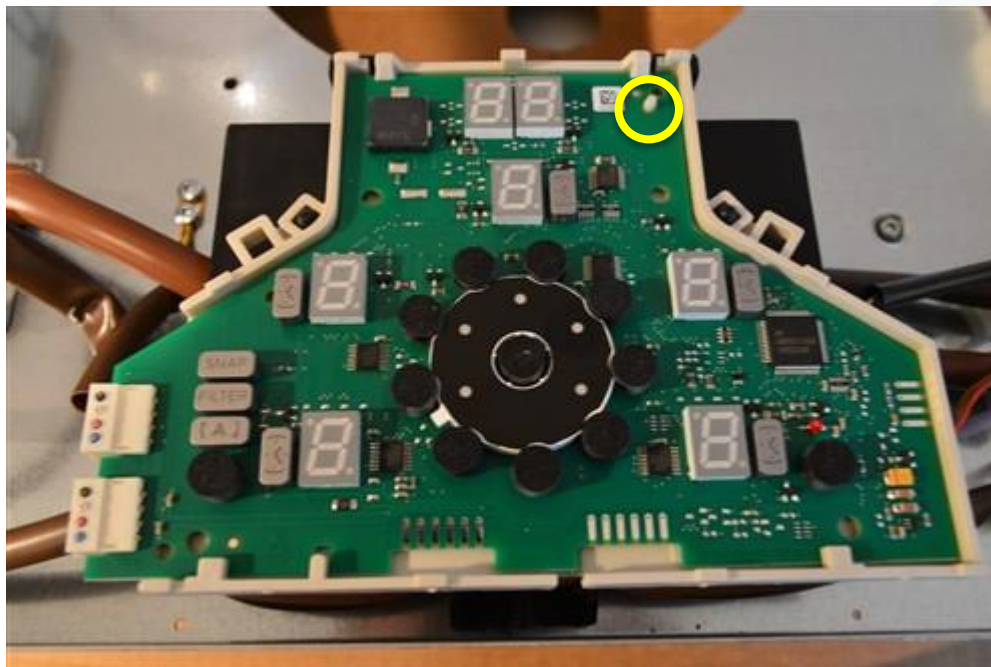
COMPLETE SLIDER label is behind the component. /
L'etichetta COMPLETE SLIDER si trova dietro il componente.

COMPLETE SLIDER is equipped with 6 springs. Handle with care to not damage it./
COMPLETE SLIDER è dotato di 6 molle. Maneggiare con cura per non danneggiarlo

Service Manual – Nikola Tesla ONE

Spare part replacement: remove the COMPLETE SLIDER / Sostituzione pezzo di ricambio: Rimuovere il COMPLETE SLIDER

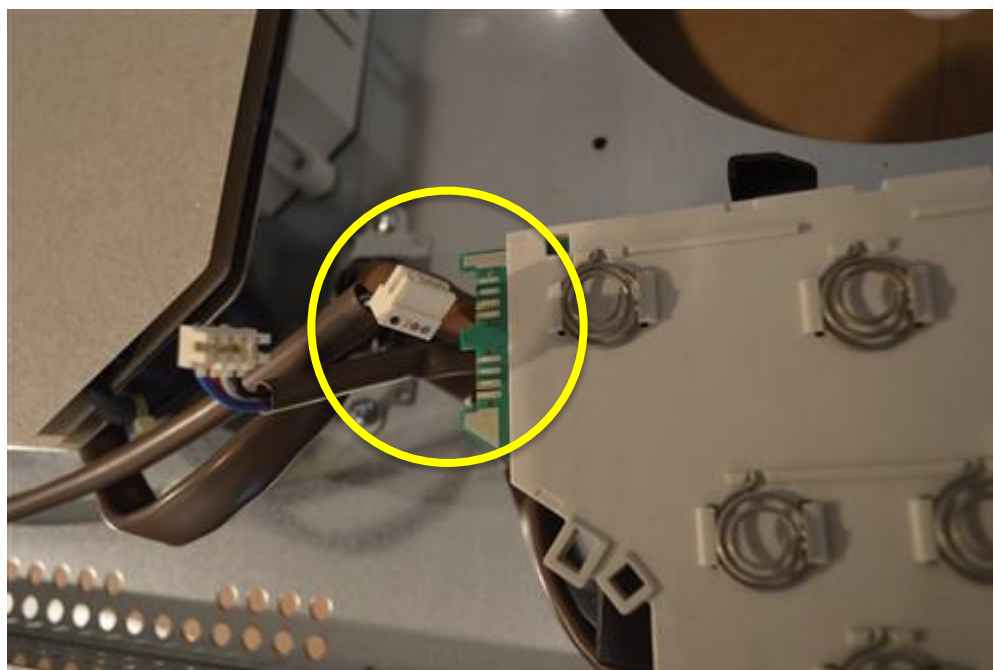
In order to remove the COMPLETE SLIDER apply a light pressure by using pliers / Per rimuovere il COMPLETE SLIDER, applicare una lieve pressione usando delle pinze



Service Manual – Nikola Tesla ONE

Spare part replacement: remove the COMPLETE SLIDER / Sostituzione pezzo di ricambio: Rimuovere il COMPLETE SLIDER

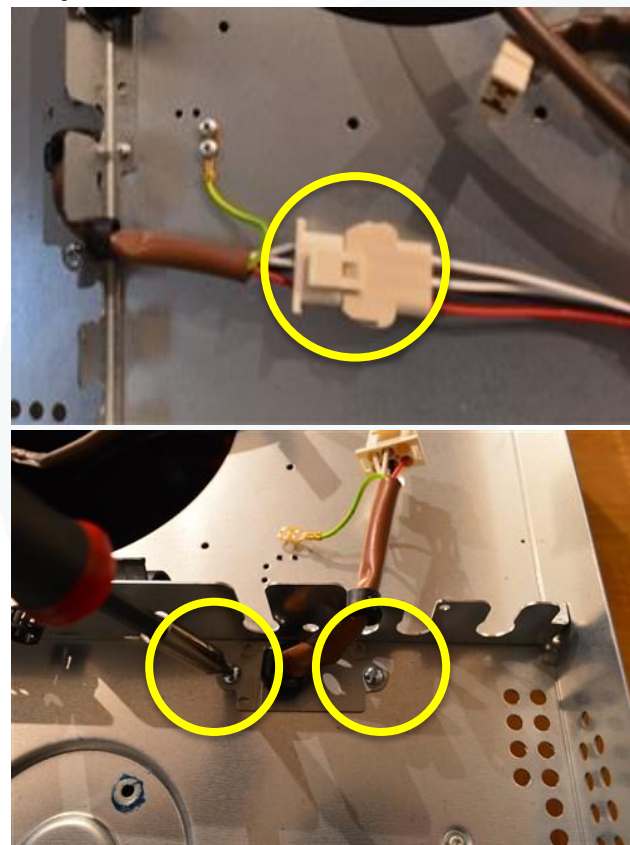
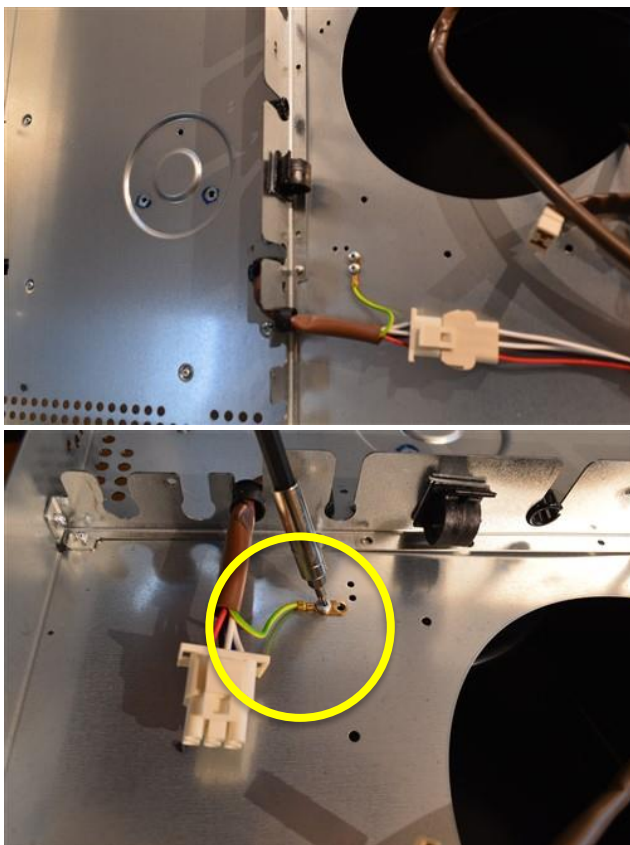
Unhook 2 wirings to replace the COMPLETE SLIDER/ Sganciare 2 cablaggi per sostituire il COMPLETE SLIDER



Service Manual – Nikola Tesla ONE

Spare part replacement: replace the motor / Sostituzione pezzi di ricambio:
sostituire il motore

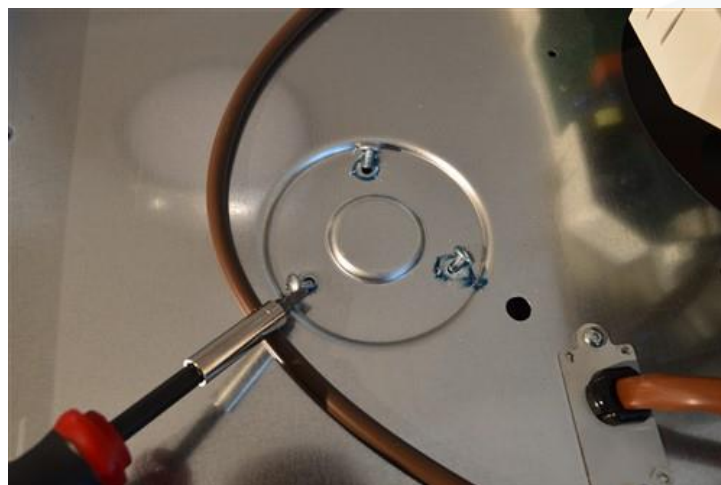
After removing the INDUCTION PLATE, the motor replacement procedure can be completed: release the wiring, unhook the earth wiring and the 2 screws of the bracket for cable holder / Dopo aver rimosso l'INDUCTION PLATE, è possibile completare la procedura di sostituzione del motore: allentare il cablaggio, sganciare il collegamento a terra e le 2 viti della staffa del passacavo.



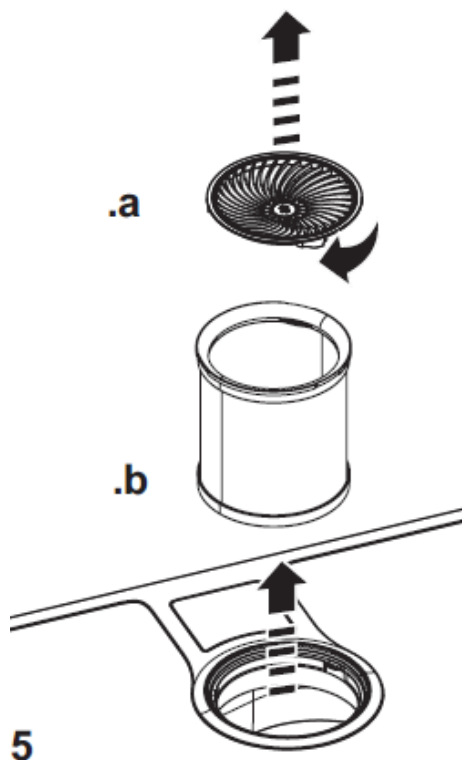
Service Manual – Nikola Tesla ONE

Spare part replacement: replace the motor / Sostituzione pezzi di ricambio: sostituire il motore

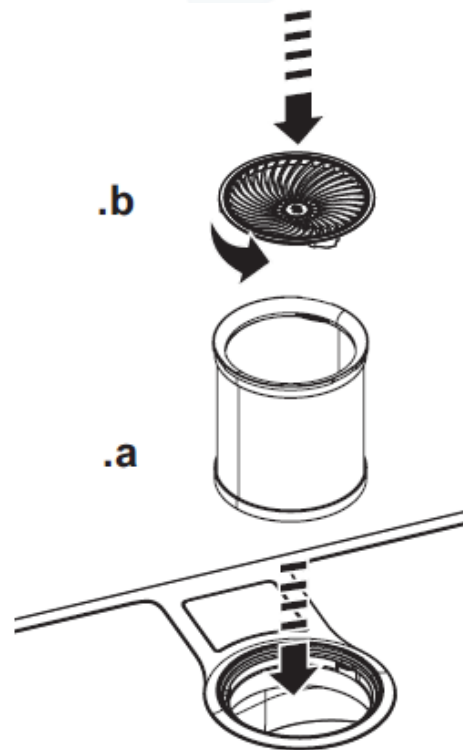
Remove the 3 fixing screws of the motor and release it. /
Rimuovere le 3 viti di fissaggio del motore e sganciarlo.



Grease filter and plastic cover (with logo) / Filtro grassi e cover di plastica (con logo)



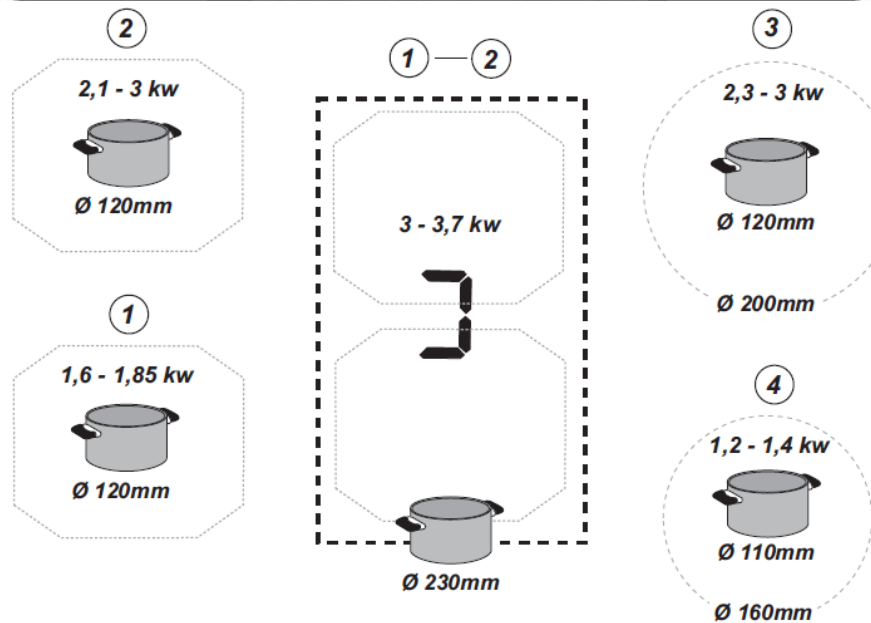
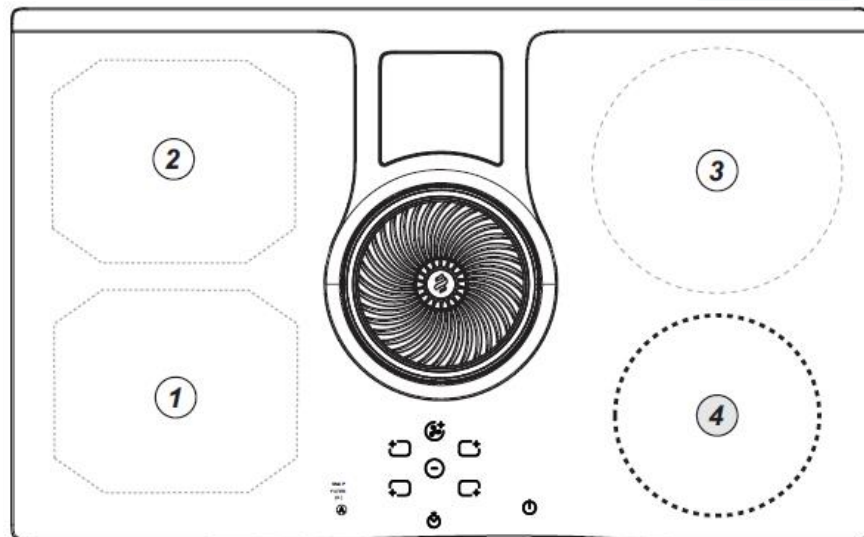
Clockwise rotation:
First remove the plastic cover
and then remove the grease
filter / Rotazione oraria: prima
rimuovere la cover di plastica,
poi rimuovere il filtro grassi



Counterclockwise rotation:
First insert the grease filter and
then insert the plastic cover /
Rotazione antioraria: prima
inserire il filtro grassi, poi inserire
la cover di plastica

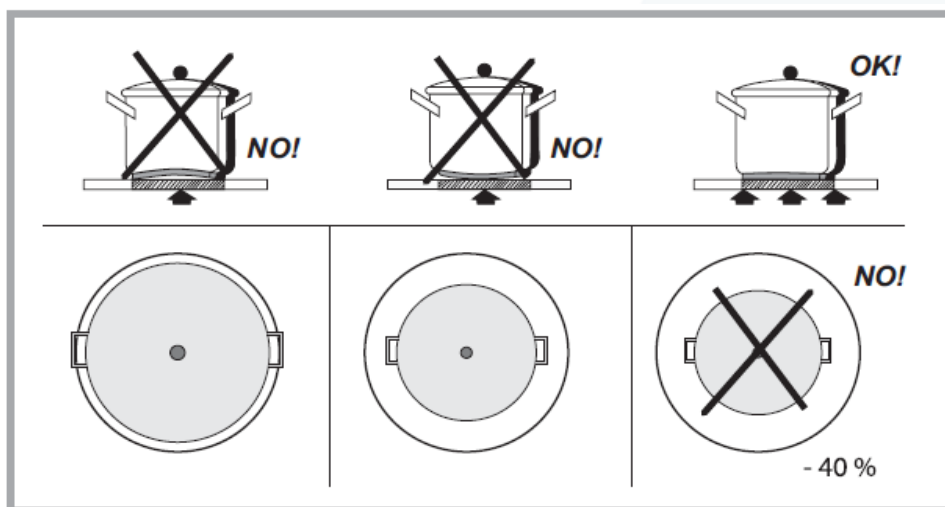
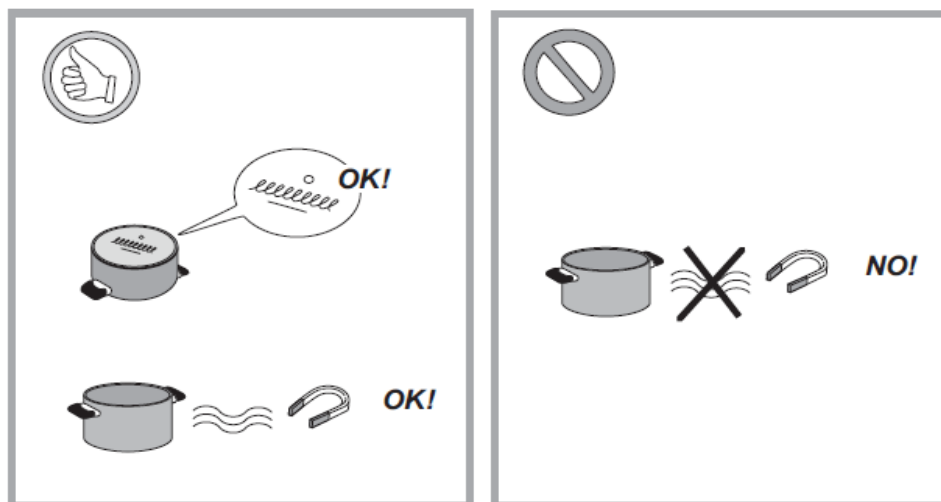
Service Manual – Nikola Tesla ONE

How to use the hob / Come usare il piano cottura



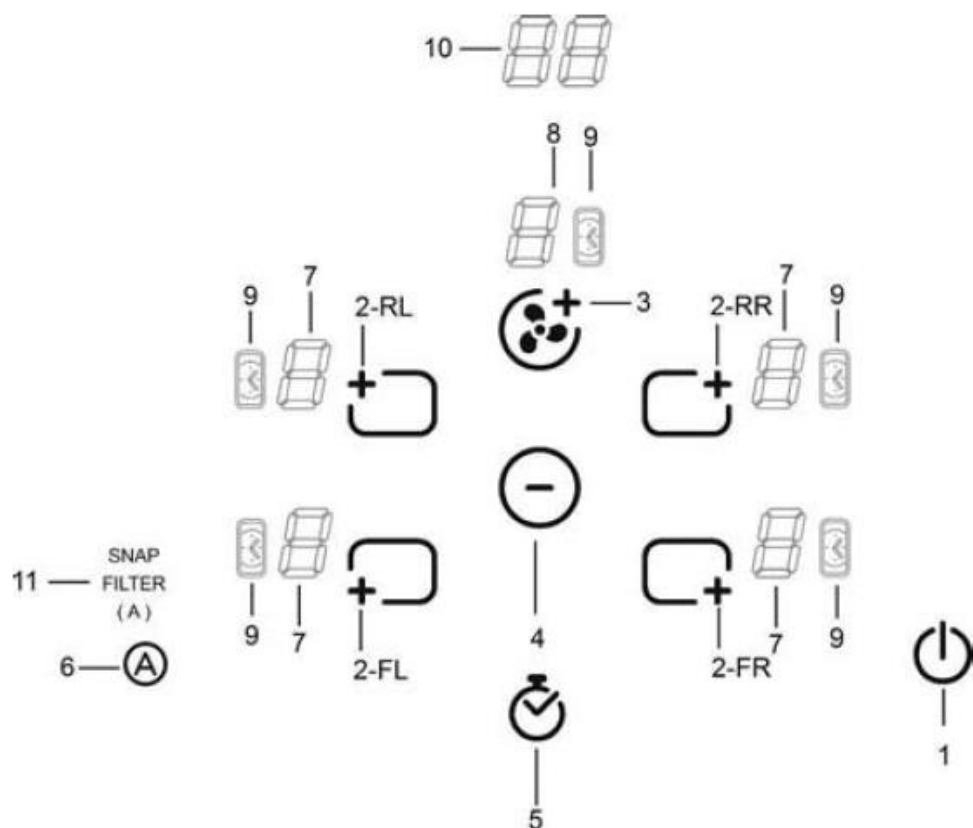
Service Manual – Nikola Tesla ONE

Cookware for a correct use of the induction hob / Pentole per un corretto utilizzo del piano cottura a induzione



COMPLETE SLIDER

Note: To select the commands, simply touch (press) the symbols representing them /
Nota: per selezionare i comandi, toccare (premere) semplicemente i simboli che li rappresentano



Keys

1. ON/OFF of the hob / extractor fan for hob
2. Select cooking zone
Increase Power Level
3. Increase extraction speed (power)
4. Decrease Power Level
Decrease extraction speed (power)
Decrease Timer value
5. Activate Timer
Increase Timer value
6. Activate automatic functions
Reset filter saturation

Display / LED

7. View Power Level
8. View extraction speed (power)
9. Timer active indicator
10. Timer value indicator
11. Automatic extraction function indicator
Filter assistance indicator
SNAP operation indicator

Extra

Activity	Pag. (user manual)
Safe Activation	62
Safety Shut Down	62
Residual Heat Indicator	62
Power Booster	62
9 Power Levels	62
Bridge Zones	63
Child Lock	63
Automatic Heat UP	64
Power Limitation	64
Using the extractor fan	65
Reset filter saturation	65
Automatic hood mode with SNAP	66

Service Manual – Nikola Tesla ONE

Error codes / Codici di errore

Errors resolvable by user

11 Error codes

1. Errors resolvable by user

■ HOB SECTION

Error code	Description	Possible causes	Remedy
E / 2	Temperature limits are exceeded	Pot or glass temperature is too high NTC _electronic temperature too high	System must cool down
E / 3	Unsuitable pot, e.g. loss of the magnetic characteristics because of temperature in the bottom.	On the module a pot creates an improper operating point which can destroy devices, e.g IGBTs.	1. The error is automatically cancelled after 8 s and the cooking zone can be used again. In case of further upcoming errors the pot has to be replaced. 2. The module has to be changed if the error comes without a pot on the cooking zone.
ER03 + Steady tone	Permanent Key activation, interface shut down at 10s	Water or cookware on the glass above the interface	Cleaning of the operational surface

Service Manual – Nikola Tesla ONE

Error codes / Codici di errore

Errors resolvable by technical assistance

Error code	Description	Possible causes	Remedy
C	The cooking zone can be configured if a static „C“ is shown.	No error, the user is in the service menu.	A suitably pan must be placed on the relevant cooking zone.
C/-	The cooking zone will be configured if a flashing „C“ is shown. After a successful configuration the relevant display shows „-“. If „-“ is not displayed check the possible causes of the E/5.	User is in the service menu, no error.	Wait for the symbol „-“ or abort the configuration activities by pressing the select key and the „C“ will not flash anymore (see paragraph 11).
E	A flashing „E“ on each cooking zone indicates that all configurations will be deleted	User is in service menu, no error.	Manual configuration (see paragraph 11).
E / 4	Unconfigured induction module (all induction module answer to UI, but any element is related to the effected cooking zone.)	Induction module is not configured.	Delete the hob configuration and activate the manual configuration. Start the UI service menu to configure the induction module If the listed points are not successful replace the module (see paragraph 11).
E / 5	No communication between UI and induction module	No power supply of induction module Bad cabling or defect	Check power and LIN connections. If connection is OK, check UI power supply by IPS induction module. - If OK, try to disconnect the aspiration board communication cable that arrives by the induction: if the cooking zone works and the UI show “d1” error, replace the aspiration board.

Service Manual – Nikola Tesla ONE

Error codes / Codici di errore

Errors resolvable by technical assistance

Error code	Description	Possible causes	Remedy
E / 7	Non assignable failure		Replace module or User Interface
E / 8	Fan failure	Fan or control electronic is defect	Replace the module
E / 9	Defective temperature probe on inductor	Sensor signal out of valid range; sensor or electronic is defect.	Replace the module
E / A	Hardware defect of induction module	Defect hardware device detected by the self-check of the module	Replace the module
E / C	Configuration failure	2 cooking zones are dedicated to the same element of the UI	Delete the actual configuration Manual configuration with service menu (see paragraph 10).
E / 6	Main power disturbance	1. Failure in main power frequency detection 2. Overvoltage	Check main power voltage and frequency, if ok replace the module

Service Manual – Nikola Tesla ONE

Error codes / Codici di errore

Errors resolvable by technical assistance

Error code	Description	Possible causes	Remedy
ER22	Defective Key evaluation. Control unit cuts off after 3.5 – 7.5 sec.	Short-circuit or discontinuation in the range of the key evaluation	Exchange UI
ER20	Flash - failure	μ C- faulty	Exchange UI
ER36	NTC value is not within its specification (value < 200mV or > 4.9V; control unit cuts off	Short-circuit or cut-off at NTC	Exchange control unit
ER40	Secondary voltage is min.5s to low (1,8V< UPowerfail< 2,9V)	Primary-PTC to hot	Disconnect interface from power supply
No functionality and no displaying	Overvoltage on the switch mode power supply (no functionality)	400 V connection	Disconnect and correct the power line connection
E / H	Fixed sensor value (test function for T probe on inductor)	Not enough temperature change (10 K) within 5 min after switch on the hob	System must cool down
ER21	Control unit shuts down, caused by overtemperature, to avoid damage of the touch control	Control algorithm has reached overtemperature, because ambient temperature is to high	Let cooktop cool down, check temperature isolation to user interface

Error codes / Codici di errore

■ HOOD SECTION

Error code	Display	Description	Notes
0x01	d1	No connection between aspiration board and induction	Show error d1 on hob display Induction modules could be still used of cooking

Service Manual – Nikola Tesla ONE

Error codes / Codici di errore

Errors resolvable by technical assistance

Error code	Description	Possible causes
E / 3	Unsuitable pot , e.g. loss of the magnetic characteristics because of temperature in the bottom.	On the module a pot creates an improper operating point which can destroy devices, e.g IGBTs.
C	The cooking zone can be configured if a static „C“ is shown.	No error, the user is in the service menu.
C/-	The cooking zone will be configured if a flashing „C“ is shown. After a successful configuration the relevant display shows „-“.	User is in the service menu, no error.
	If „-“ is not displayed check the possible causes of the E/5.	