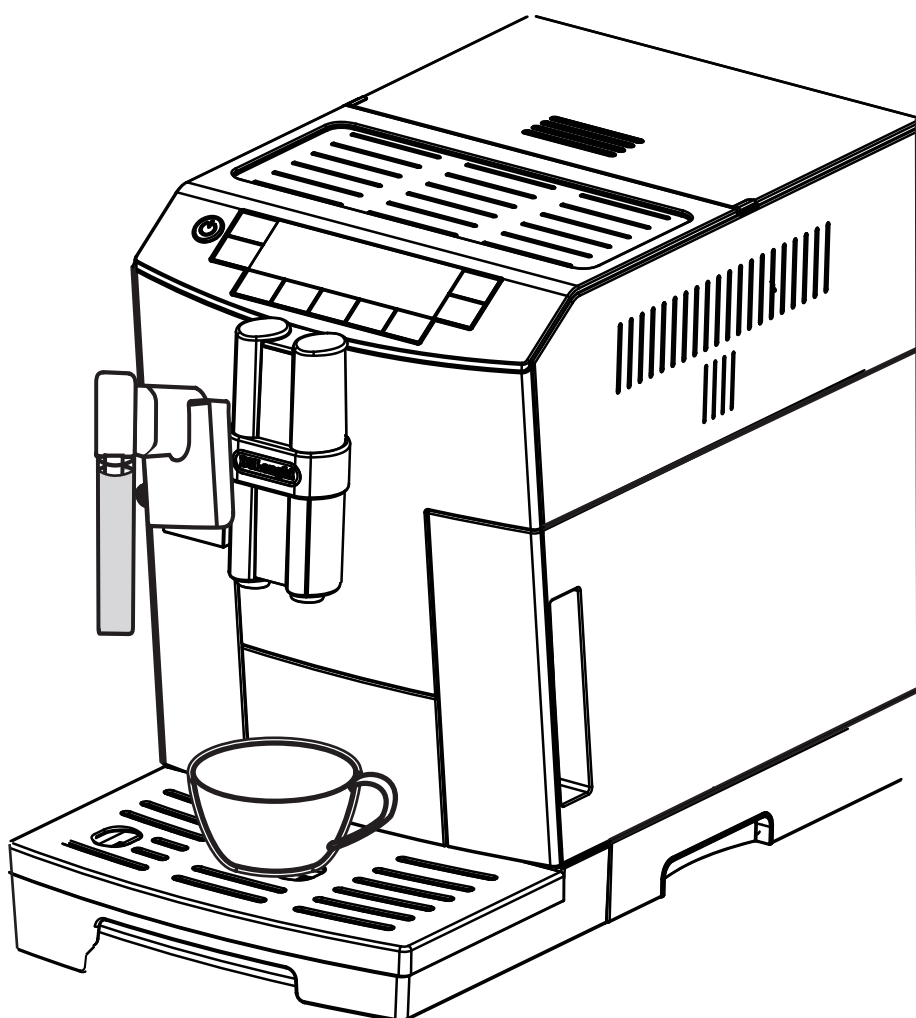




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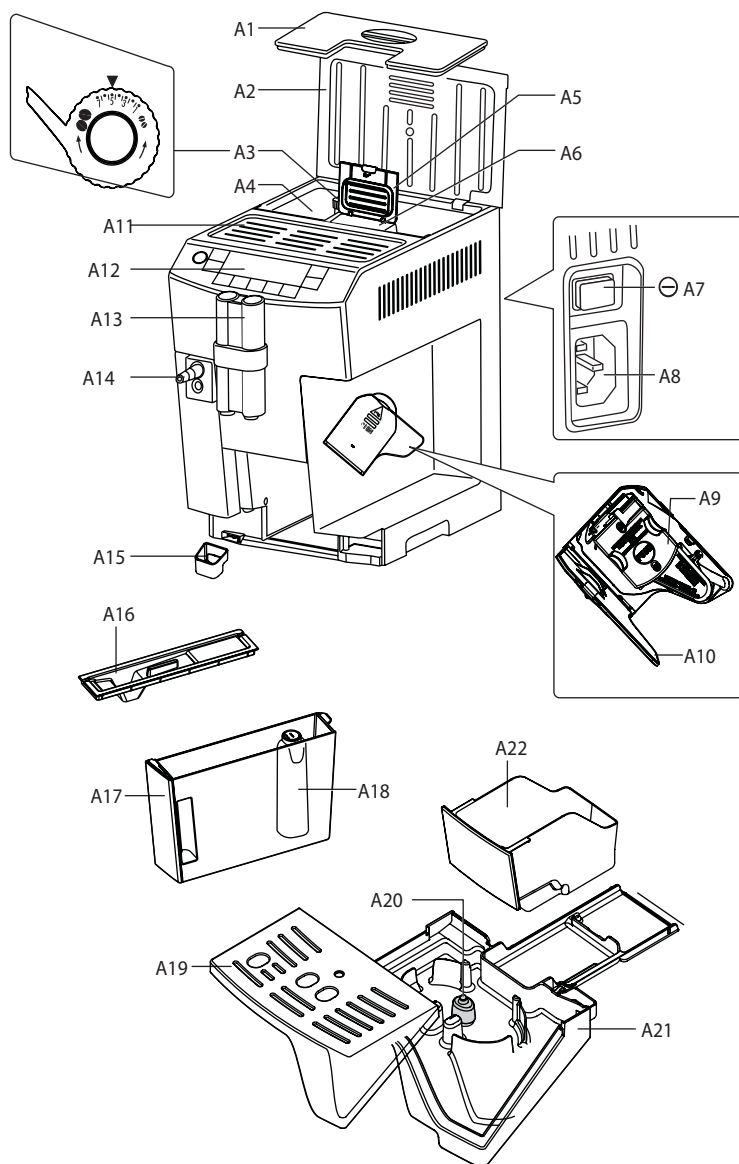
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DESCRIZIONE APPARECCHIO / DESCRIPTION THE APPLIANCE



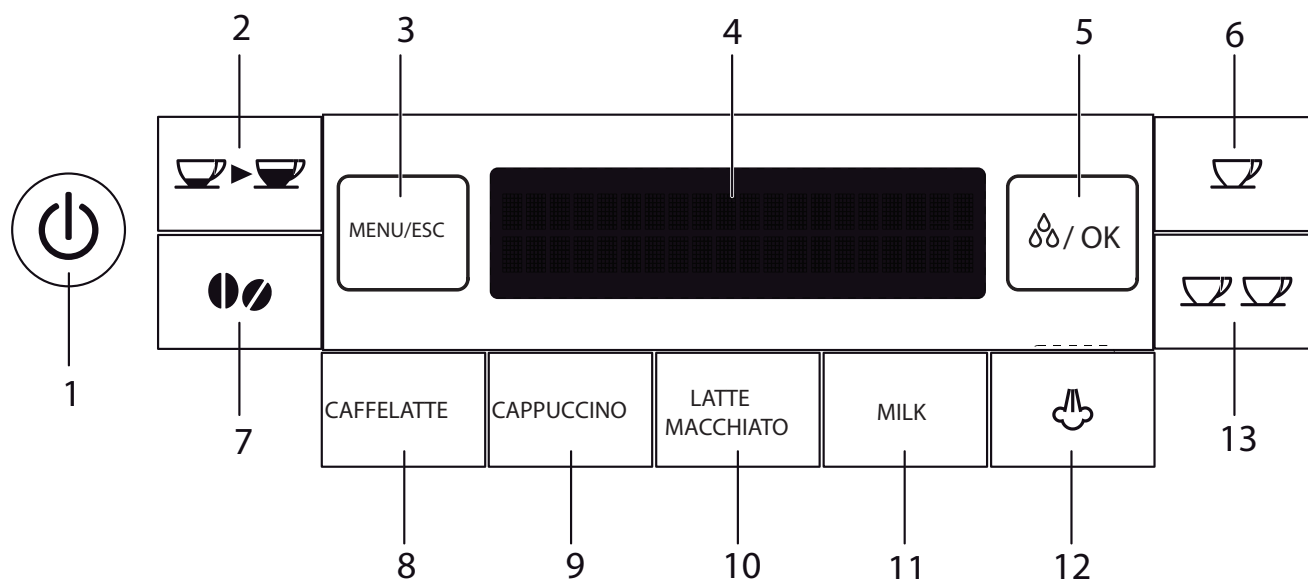
Descrizione

A1	Coperchio del contenitore per i chicchi
A2	Coperchio superiore
A3	Manopola regolazione del grado di macinatura
A4	Contenitore per chicchi
A5	Coperchio imbuto caffè pre-macinato
A6	Imbuto caffè pre- macinato
A7	Interruttore generale
A8	Sede connettore cavo alimentazione
A9	Infusore
A10	Sportello infusore
A11	Ripiano scalda tazze
A12	Pannello di comando
A13	Erogatore caffè
A14	Ugello acqua calda vapore
A15	Vashetta raccogli - condensa
A16	Coperchio serbatoio acqua
A17	Serbatoio acqua
A18	Filtro dolcificante
A19	Vassoio poggia tazze
A20	Indicatorer livello acqua
A21	Vashetta raccogli gocce
A22	

Description

A1 .	Beans container lid
A2	Top lid
A3	Grinding adjustment dial
A4	Beans container
A5	Pre-ground coffee funnel lid with pressure lock
A6	Pre-ground coffee funnel
A7	Main switch
A8	Socket for power cable connector
A9	Infuser
A10	Infuser door
A11	Cup warmer shelf
A12	Control panel
A13	Coffee spout
A14	Hot water and steam nozzle
A15	Condensate tray
A16	Water tank lid
A17	Water tank
A18	Water filter
A19	Cup tray
A20	Drip tray water level indicato
A21	Drip tray
A22	Coffee grounds container

DESCRIZIONE CRUSCOTTO / DESCRIPTION CONTROL PANEL



1	Tasto accensione	1	Button turn the appliance on and off
2	Tasto selezione lunghezza del caffè	2	Button to select the coffee quantity
3	Tasto per accedere al menù o per uscire dalla funzione selezionata	3	Button to access the menu or exit from the selected function
4	Display	4	Display
5	Tasto erogatore acqua calda e conferma menù selezionato	5	Button to deliver hot water (When in the settings menu, press to confirm the selection)
6	Tasto per preparare 1 tazza di caffè	6	Button to make 1 cup coffee
7	Tasto seleziona quantità caffè	7	Button to select the coffee
8	Tasto caffè latte	8	Button to deliver a caffe latte
9	Tasto cappuccino	9	Button to deliver a cappuccino
10	Tasto latte macchiato	10	Button to deliver a macchiato
11	Tasto per erogare una tazza di latte	11	Button to deliver a cup of milk
12	Tasto vapore	12	Button to deliver steam
13	Tasto per preparare 2 tazze di caffè	13	Button to make 2 cups coffee

DATI TECNICI / TECHNICAL DATA

Voltaggio / voltage	V/Hz	220 - 240 / 50 - 60
Max. potenza assorbita / Max. input power	W	1450

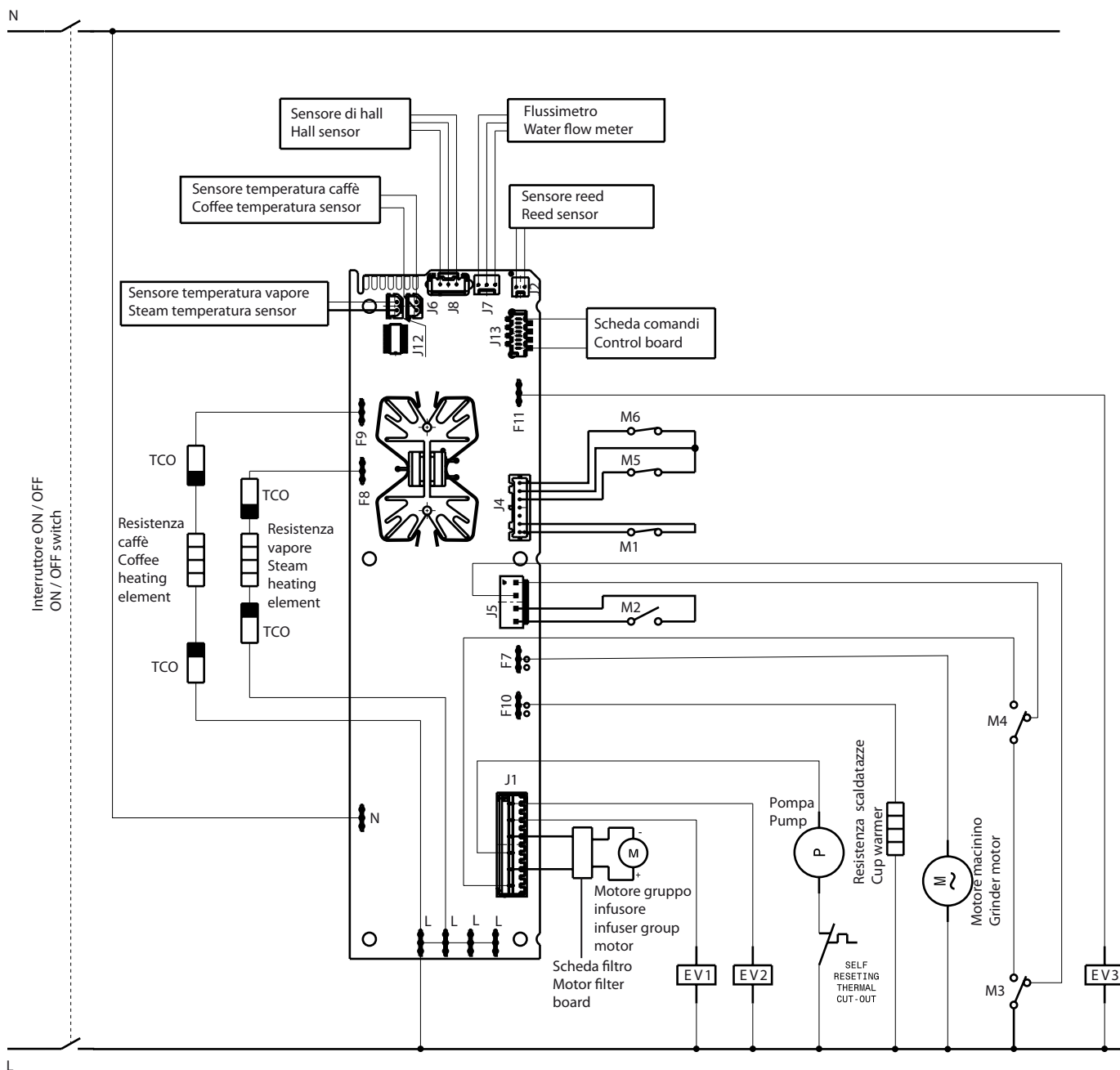
SEZIONE CAFFÈ / COFFEE SECTION

Sonda termica / Temperature probe	°C	98
Fusibile termico	°C	192
Resistenza riscaldamento	W	1400
Pompa / Pump (Type / W)	ULKA EP5GW / 48W	

SEZIONE VAPORE / STEAM SECTION

Sonda termica / Temperature probe	°C	145
Fusibile termico TCO / Thermal fuse TCO	°C	318
Resistenza riscaldamento	W	1000
Scald tazze / Cup warmer	W	3.2

SCHEMA ELETTRICO / ELECTRICAL DIAGRAM



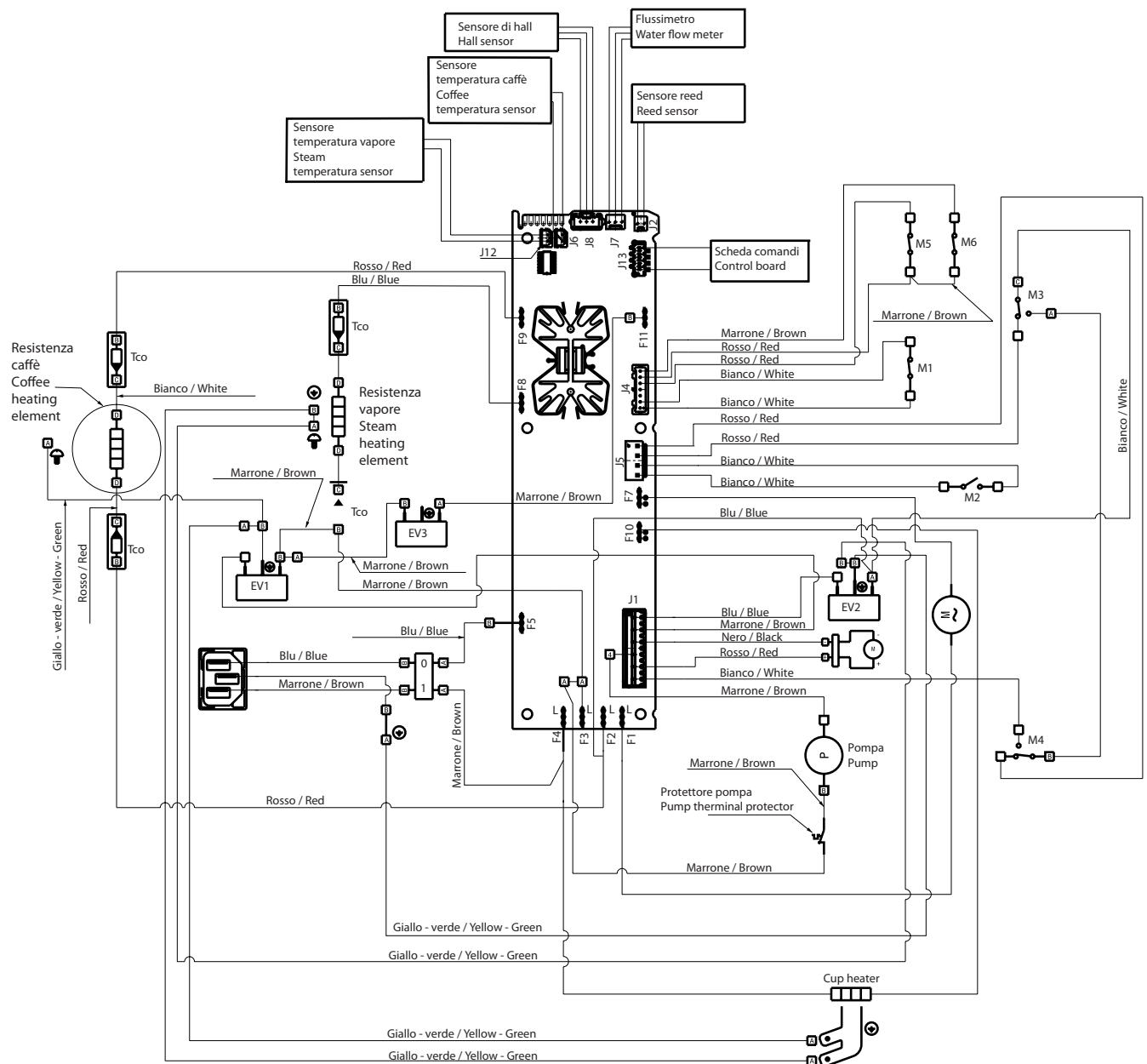
Legenda

M1	Gruppo alto
M2	Gruppo basso
M3	Cassetto fondi
M4	Porta accesso
M5	Presenza IFD
M6	Presenza pipetta
EV1	Elettrovalvola 2 vie
EV2	Elettrovalvola 3 vie
EV3	Elettrovalvola 2 vie
TCO	Termofusibile

Legend

Microswitch upper
Microswitch lower
Microswitch drawer
Microswitch door
Microswitch milk container
Microswitch clean function
Electrovalve 2 ways
Electrovalve 3 ways
Electrovalve 2 ways
Thermal cut off

SCHEMA ELETTRICO / ELECTRICAL DIAGRAM



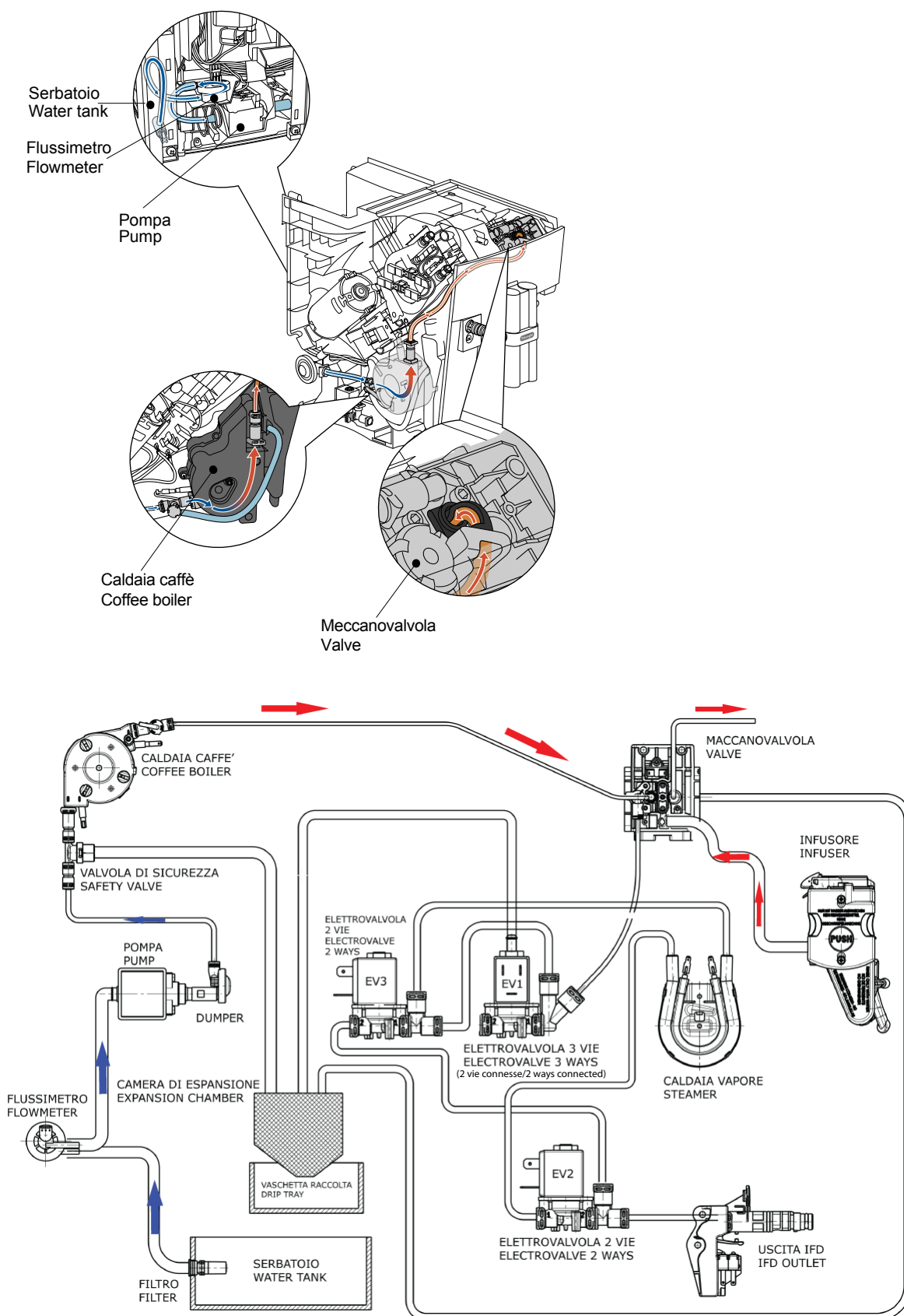
Legenda

- M1 Gruppo alto
- M2 Gruppo basso
- M3 Cassetto fondi
- M4 Porta accesso
- M5 Presenza IFD
- M6 Presenza pipetta
- EV1 Elettrovalvola 2 vie
- EV2 Elettrovalvola 3 vie
- EV3 Elettrovalvola 2 vie
- TCO Termofusibile

Legend

- Microswitch upper
- Microswitch lower
- Microswitch drawer
- Microswitch door
- Microswitch milk container
- Microswitch clean function
- Electrovalve 2 ways
- Electrovalve 3 ways
- Electrovalve 2 ways
- Thermal cut off

SCHEMA IDRAULICO CAFFE' / WATER CIRCUIT COFFEE

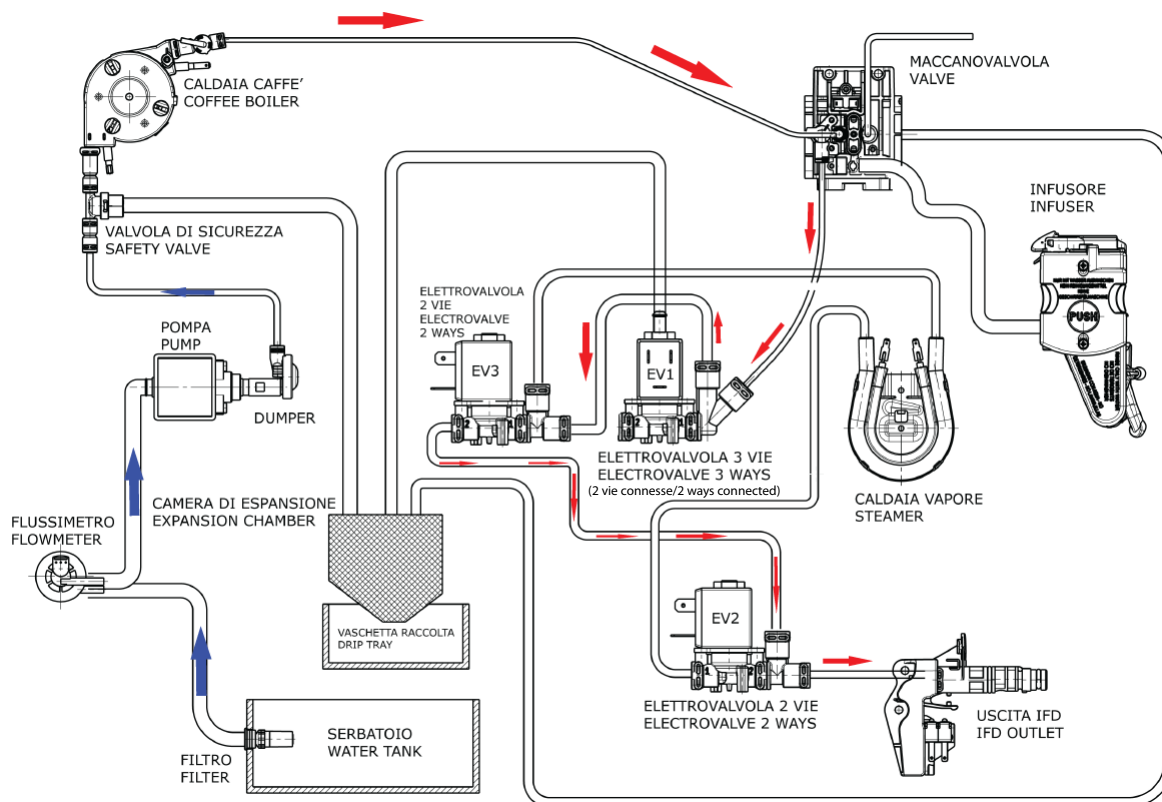
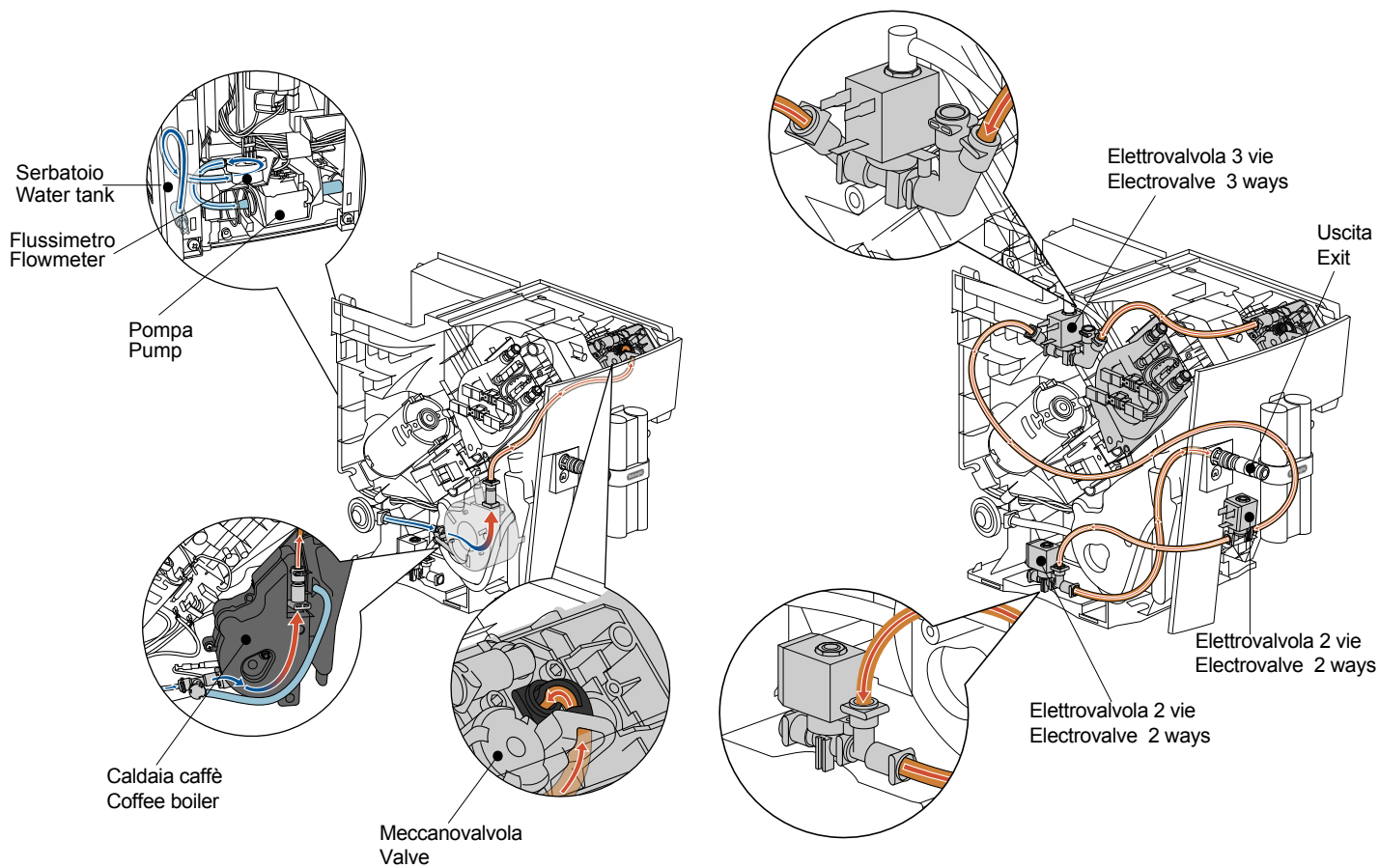


Leggenda

Legend

— Acqua fredda Cold water
— Acqua calda Hot water

SCHEMA IDRAULICO ACQUA CALDA / WATER CIRCUIT HOT WATER

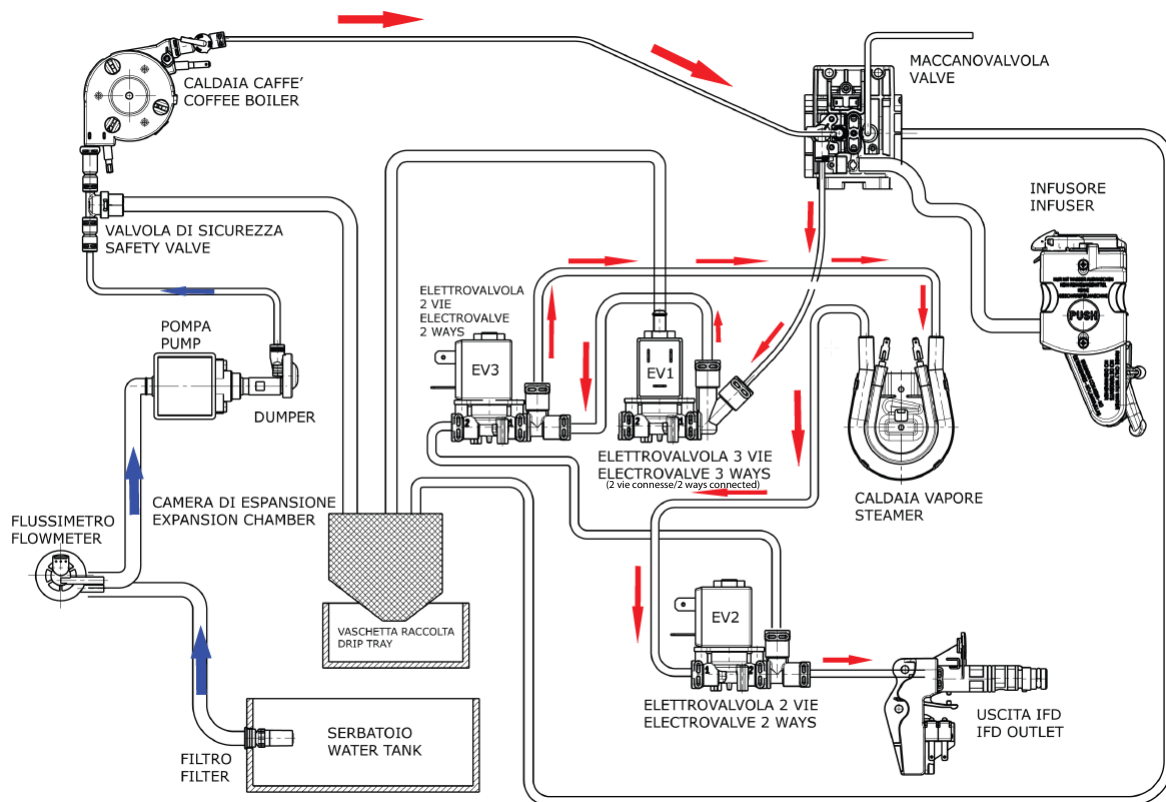
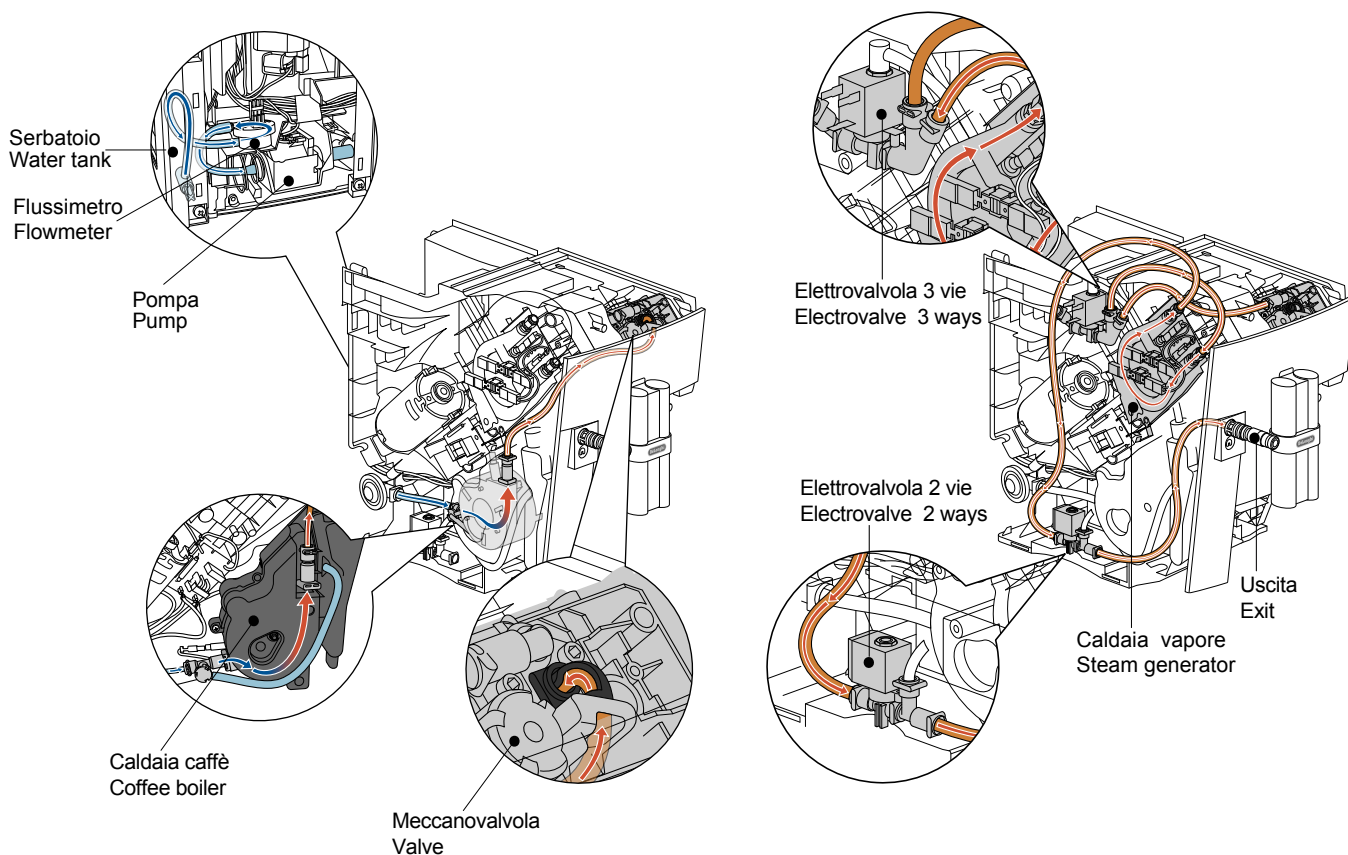


Leggenda

Legend

— Acqua fredda Cold water
— Acqua calda Hot water

SCHEMA IDRAULICO VAPORE / WATER CIRCUIT STEAM



Leggenda

Legend

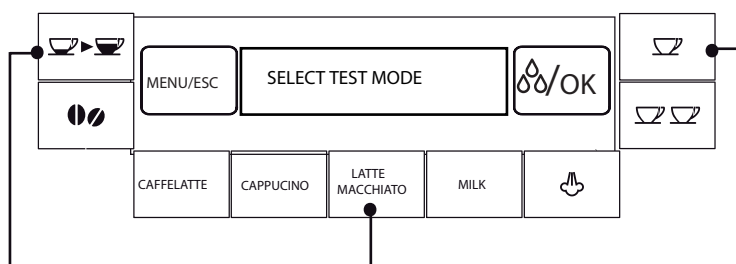
— Acqua fredda Cold water
— Acqua calda Hot water

PROCEDURA DI TEST FUNZIONALE / TEST PROCEDURE

Per entrare nella procedura di test;
macchina in stand-by: collegata alla
rete, interruttore principale (sul retro)
su I (ON), ma macchina spenta, aprire il
cassetto fondi

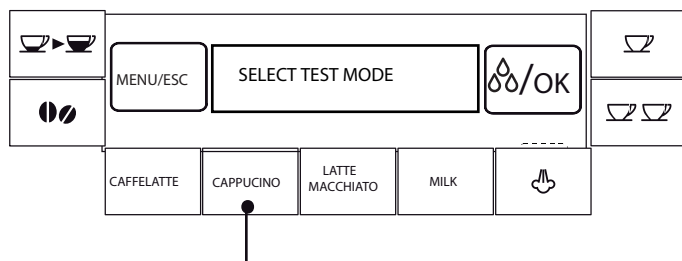
Tenere premute le 3 icone (vedi disegno),
finchè sul display compare il messaggio
"SELECT TEST MODE".

To enter the procedure:
with the machine in stand-by (plugged in with
the main switch on I, but machine OFF), open
the Coffee grounds container.
Keep the 3 icons, as underneath, pressed till
on the display is shown the message
"SELECT TEST MODE".



Chiudere il cassetto
fondi e premere il tasto "CAPPUCCINO".
Sul display comparirà il messaggio:
"LOAD TEST MODE"

Close the Coffee grounds
containe press on the icon "CAPPUCCINO".
The display will show the message:
"LOAD TEST MODE"



Per uscire dalla procedura, spegnere la macchina o scollegarla dalla rete
To exit the procedure, switch off the machine from the main switch

Premendo le varie icone, si
alimentano i seguenti dispositivi

Pressing each icon below, we can
manually check the devices

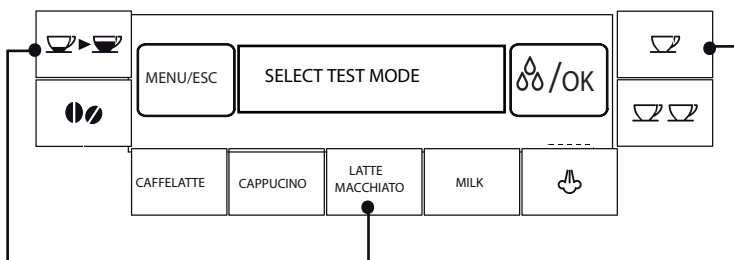
Icona Icon	Dispositivo Device
	EV1 + EV2
	HEATER
	GRINDER
	EV2
	MOTOR UP / DOWN
	PUMP
	EV1
	VAPORIZER
	EV3
	CUP

PROCEDURA TEST DISPLAY / DISPLAY TEST PROCEDURE

Per entrare nella procedura di test;
macchina in stand-by: collegata alla
rete, interruttore principale (sul retro)
su I (ON), ma macchina spenta, aprire il
cassetto fondi

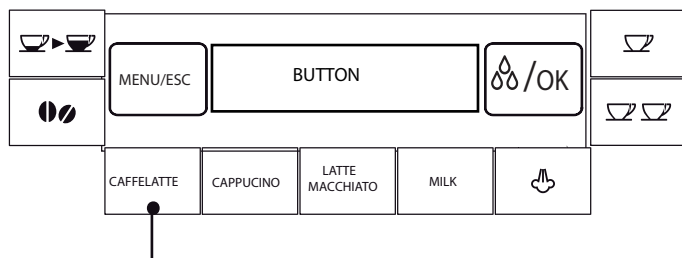
Tenere premute le 3 icone (vedi disegno),
finchè sul display compare il messaggio
"SELECT TEST MODE".

To enter the procedure:
with the machine in stand-by (plugged in with
the main switch on I, but machine OFF), open
the Coffee grounds container.
Keep the 3 icons, as underneath, pressed till
on the display is shown the message
"SELECT TEST MODE".



Chiudere il cassetto
fondi e premere il tasto "CAFFELATTE".
Sul display comparirà il messaggio:
"BUTTON"

Close the Coffee grounds
containe press on the icon "CAFFELATTE".
The display will show the message:
"BUTTON"



Per uscire dalla procedura, spegnere la macchina o scollegarla dalla rete
To exit the procedure, switch off the machine from the main switch

The machine will automatically exit the procedure after 1 minute
This tes t res ets the language and will res tart from the pump priming

Premendo le varie icone, si
alimentano i seguenti dispositivi

Pressing each icon below, we can
manually check the devices

Icona Icom	Dispositivo Devis
	BUTTON 1
	BUTTON 2
	BUTTON 3
	BUTTON 4
	BUTTON 5
	BUTTON 6
	BUTTON 7
	BUTTON 8
	BUTTON 9
	BUTTON 10
	BUTTON 11
	BUTTON 12

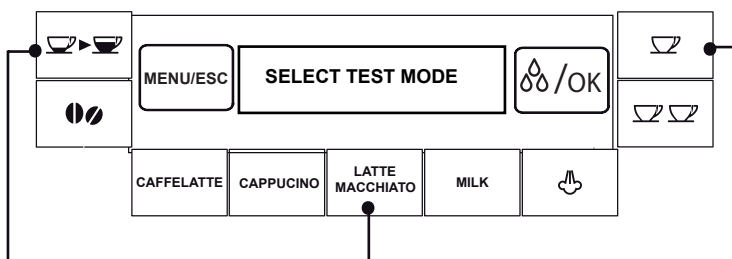
PROCEDURA RESET SCHEDA / PROCEDURE FOR RESET THE PCB BOARD

Per entrare nella procedura di test;
macchina in stand-by: collegata alla
rete, interruttore principale (sul retro)
su I (ON), ma macchina spenta, aprire il
cassetto fondi

Tenere premute le 3 icone (vedi disegno),
finchè sul display compare il messaggio
"SELECT TEST MODE".

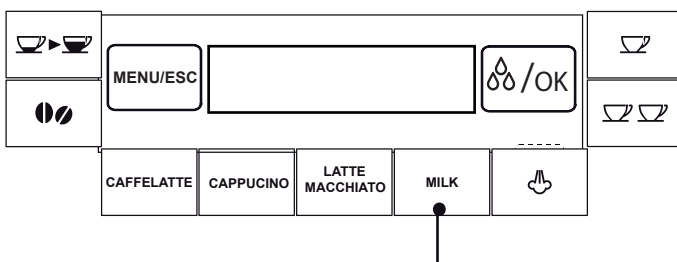
To enter the procedure:
with the machine in stand-by (plugged in with
the main switch on I, but machine OFF), open
the Coffee grounds container.

Keep the 3 icons, as underneath, pressed till
on the display is shown the message
"SELECT TEST MODE".



Chiudere il cassetto
fondi e premere il tasto "MILK".

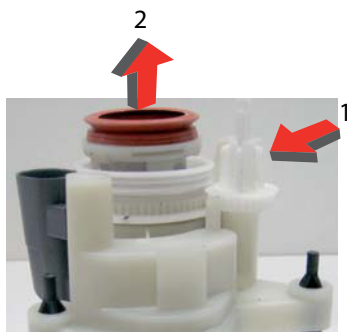
Close the Coffee grounds
container press on the icon "MILK".



Accendere la macchina con l'interruttore generale, erogare un risciacquo
e successivamente eseguire lo spegnimento con l'interruttore generale.

Turn the machine on the switch " **ON-OFF**", delivering a rinse and then run off with
the switch " **ON-OFF**".

TARATURA MACININO / GRINDER SET- UP



1. Ruotare l'alberino ghiera in senso orario fino a fine corsa
2. Estrarre la macina mobile

1. Turn the white shaft clockwise till it stops.
2. Remove the upper part of the grinder by pulling it upwards



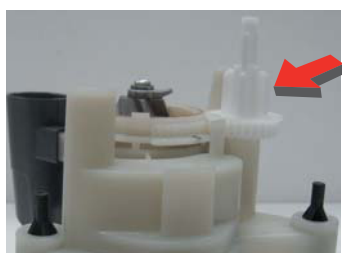
Verificare il corretto posizionamento della guarnizione

Verify the position of the white gasket (has to be as on the picture)



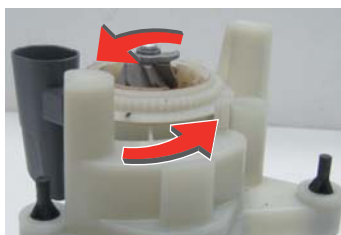
Togliere l'anello di blocco

Remove the white plastic ring by pulling it



Ruotare l'alberino in senso Antiorario fino a fine corsa e toglierlo

Turn the white shaft counterclockwise till it stops. Pull to remove it.



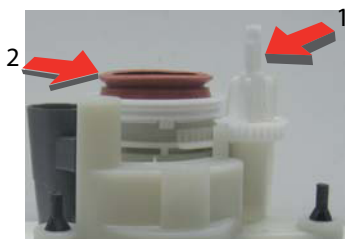
Ruotare la ghiera in senso ORARIO per macinare + FINE . Ruotare la ghiera in senso ANTIORARIO Per macinare + GROSSO

Now you can change the setting: Turn the gear clockwise* to reduce the coarseness (finer coffee). Turn the counterclockwise* to increase the coarseness (thicker)



Inserire l'alberino ghiera con la tacca che indica il segna tacca

Insert the white shaft, making sure its larger notch is aligned with the one on the grinder



1. Ruotare l'alberino in senso ORARIO fino a fine corsa.
2. Inserire la macina
Quindi ruotando di nuovo in senso antiorario fino a fine corsa

1. Turn the shaft CLOCKWISE till it stop
2. To insert the upper gear.
Then enter the mill by turning back counterclockwise until it stops.



Inserire l'anello di blocco nella giusta posizione

Insert the locking ring in the right position

(*) before to change the setting, check and mark the initial position taking as reference the position of the metal ball you see through the holes on the white ring

Change the setting carefully by turning the white ring of one or max two steps (one or two holes) either way as required

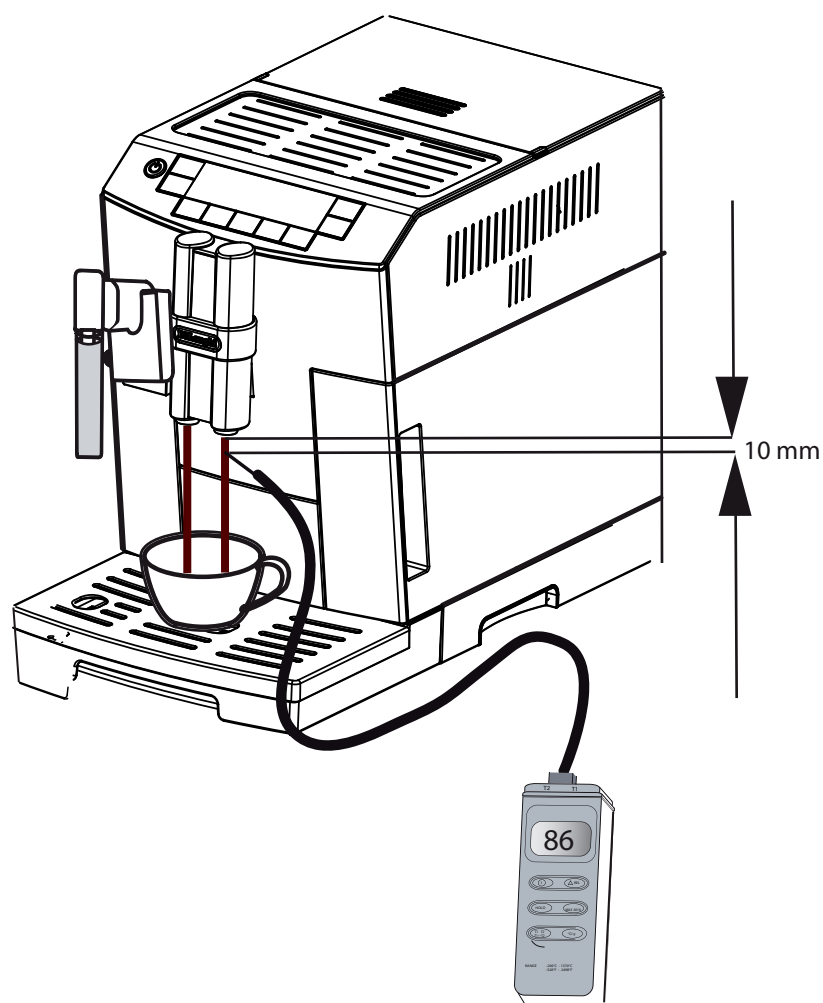
MISURAZIONE TEMPERATURA CAFFE' / MEASURING TEMPERATURE COFFEE

1. Accendere la macchina, aspettare OK temperatura
2. Fare un risciacquo
3. Premere il tasto relativo all'erogazione
4. Mentre la macchina sta facendo il caffè
posizionare la sonda a 10 mm dal beccuccio.
5. Le misure relative sono :

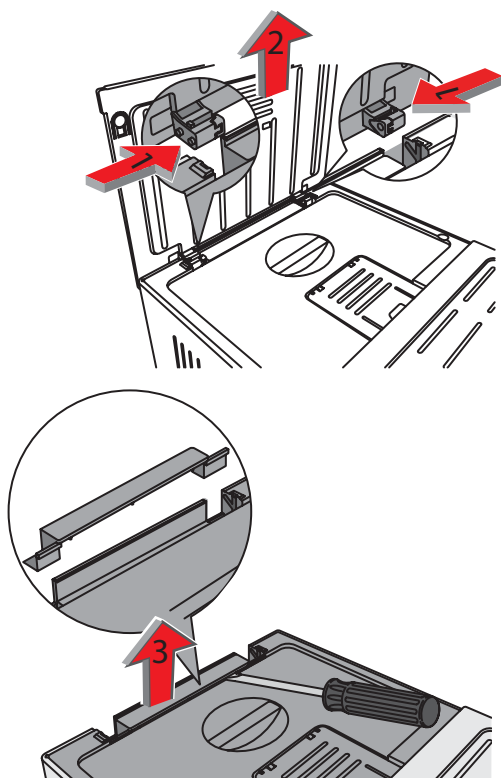
- Con selezione temperatura bassa 80 °C +/- 3 °C
- Con selezione temperatura alta 86 °C +/- 3 °C

1. Turn on the machine, wait for OK temperature
2. Make a rinse
3. Press the button for the delivery
4. While the machine is making the coffee place the
probe 10 mm from the nozzle.
5. The measures are :

- Selection with low temperature 80 °C +/- 3 °C
- Selection with high temperature 86 °C +/- 3 °C

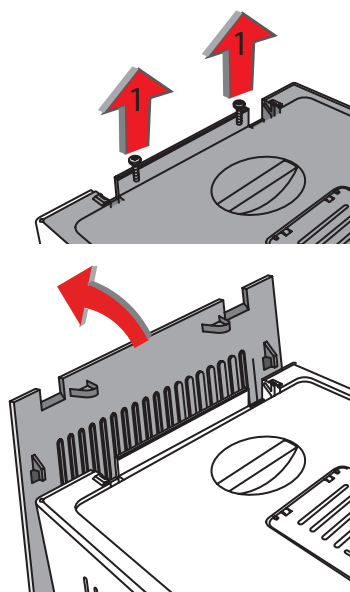


RIMOZIONE PANNELLI / TO REMOVE CONTROL PANEL



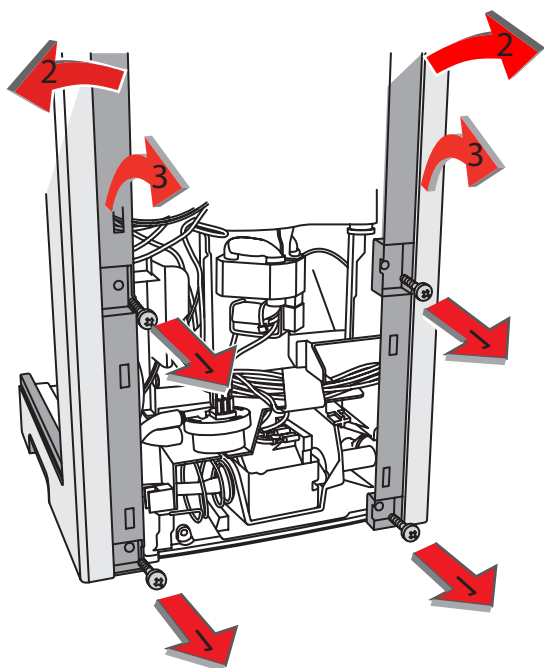
1. Premere i due perni
2. Sfilare il coperchio
3. Togliere il coperchietto

1. Unhook the 2 joints
2. Remove the panel
3. Remove the panel



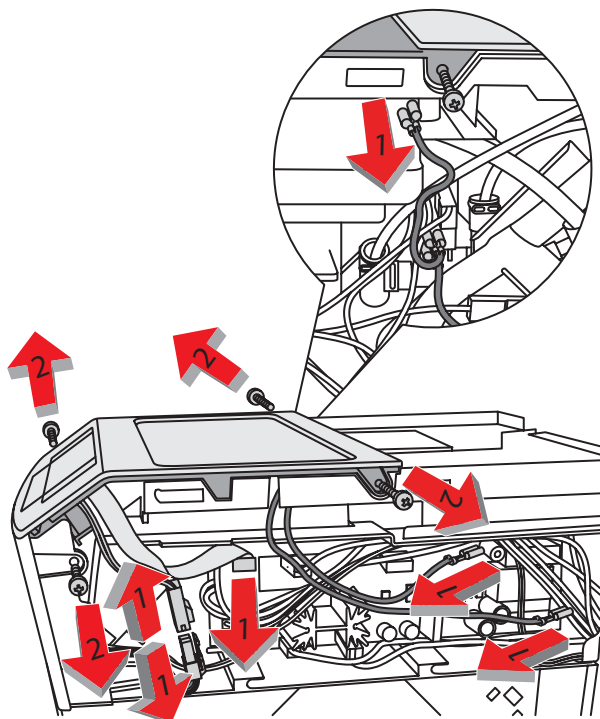
1. Togliere le 2 viti
2. Sfilare il coperchio

1. Unscrew the 2 screws
2. Remove the control panel



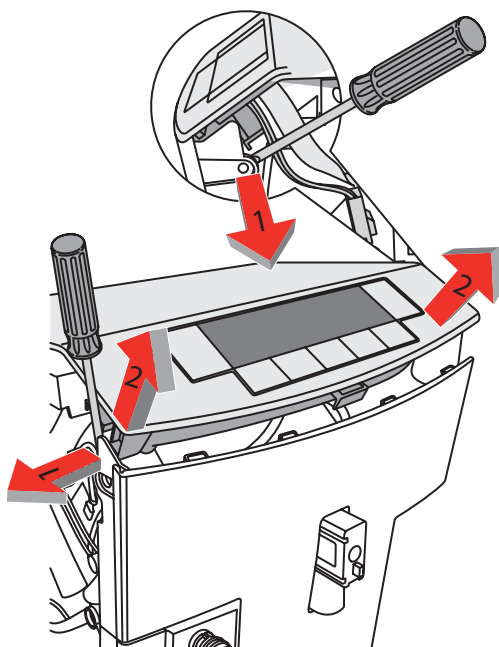
1. Togliere le 4 viti
 2. Sganciare i 2 ganci
 3. Sfilare i pannelli
1. Unscrew the 4 screws
 2. Unhook the 2 hooks
 3. Remove the control panels

RIMOZIONE SCHEDA COMANDI / TO REMOVE CONTROL BOARD



1. Togliere il cablaggio
2. Togliere le 4 viti

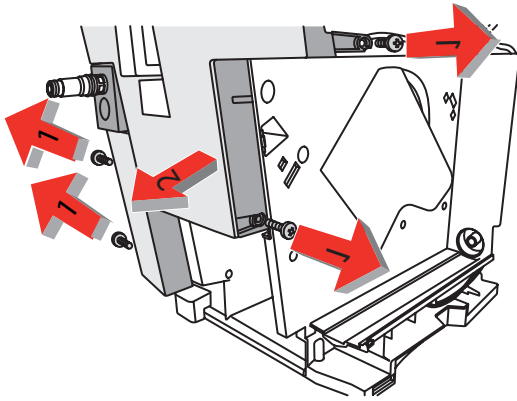
1. Remove the wiring
2. Unscrew the 3 screws



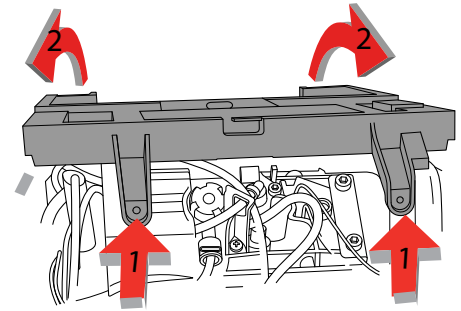
1. Sganciare i 2 ganci
2. Togliere il cruscotto comandi

1. Unhook the 2 hooks
2. Remove control board

RIMOZIONE MACININO / TO REMOVE GRINDER

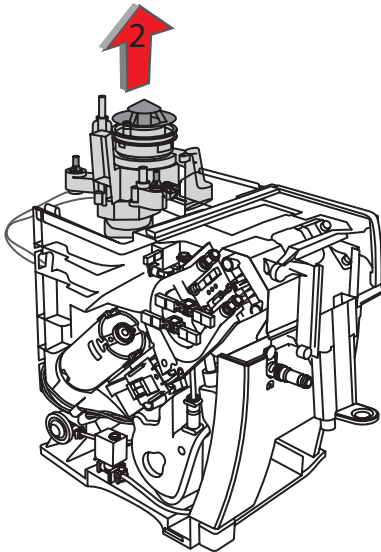


- | | |
|-------------------------|-----------------------------|
| 1. Togliere le 4 viti | 1. Unscrew the 4 screws |
| 2. Togliere il pannello | 2. Remove the control panel |



- | |
|--------------------------|
| 1. Togliere le 2 viti |
| 2. Togliere il coperchio |

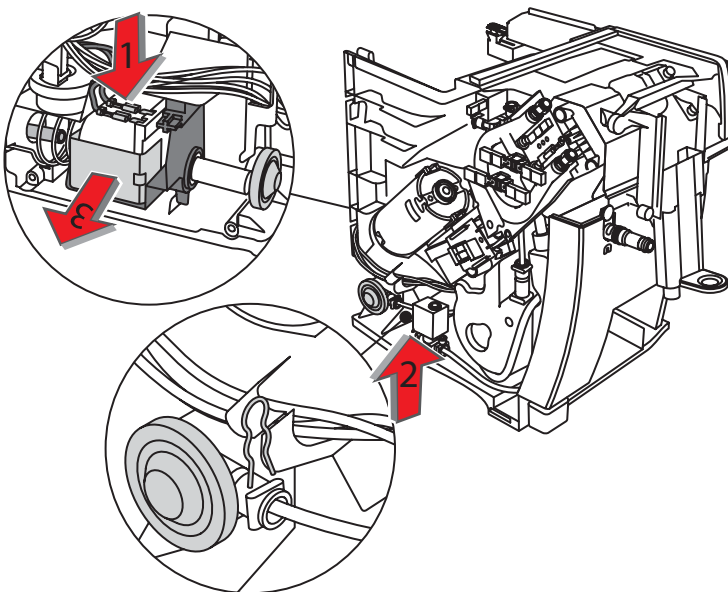
- | |
|--------------------------|
| 1. Unscrew the 2 screws |
| Remove the control panel |



- | |
|--------------------------|
| 1. Togliere il cablaggio |
| 2. Sfilare il macinino |

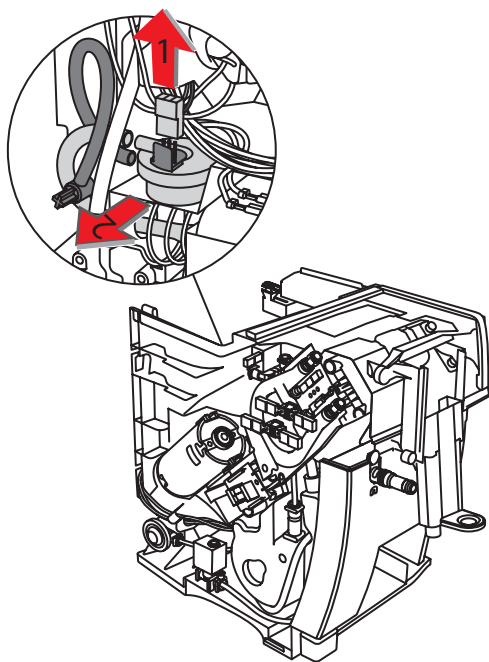
- | |
|-----------------------|
| 1. Remove the wiring |
| 2. Remove the grinder |

RIMOZIONE POMPA / TO REMOVE PUMP



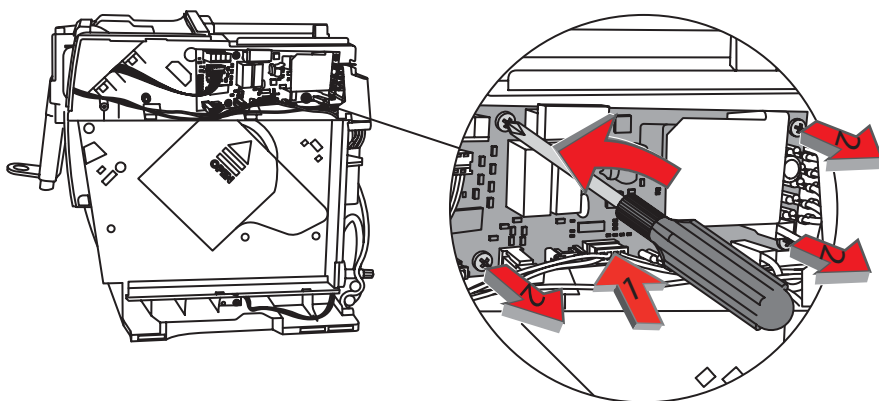
- | | |
|--------------------------|----------------------|
| 1. Togliere il cablaggio | 1. Remove the wiring |
| 2. Togliere la clip | 2. Remove the spring |
| 3. Sfilare la pompa | 3. Remove the pump |

RIMOZIONE FLUSSIMETRO / TO REMOVE WATER FLOW METER



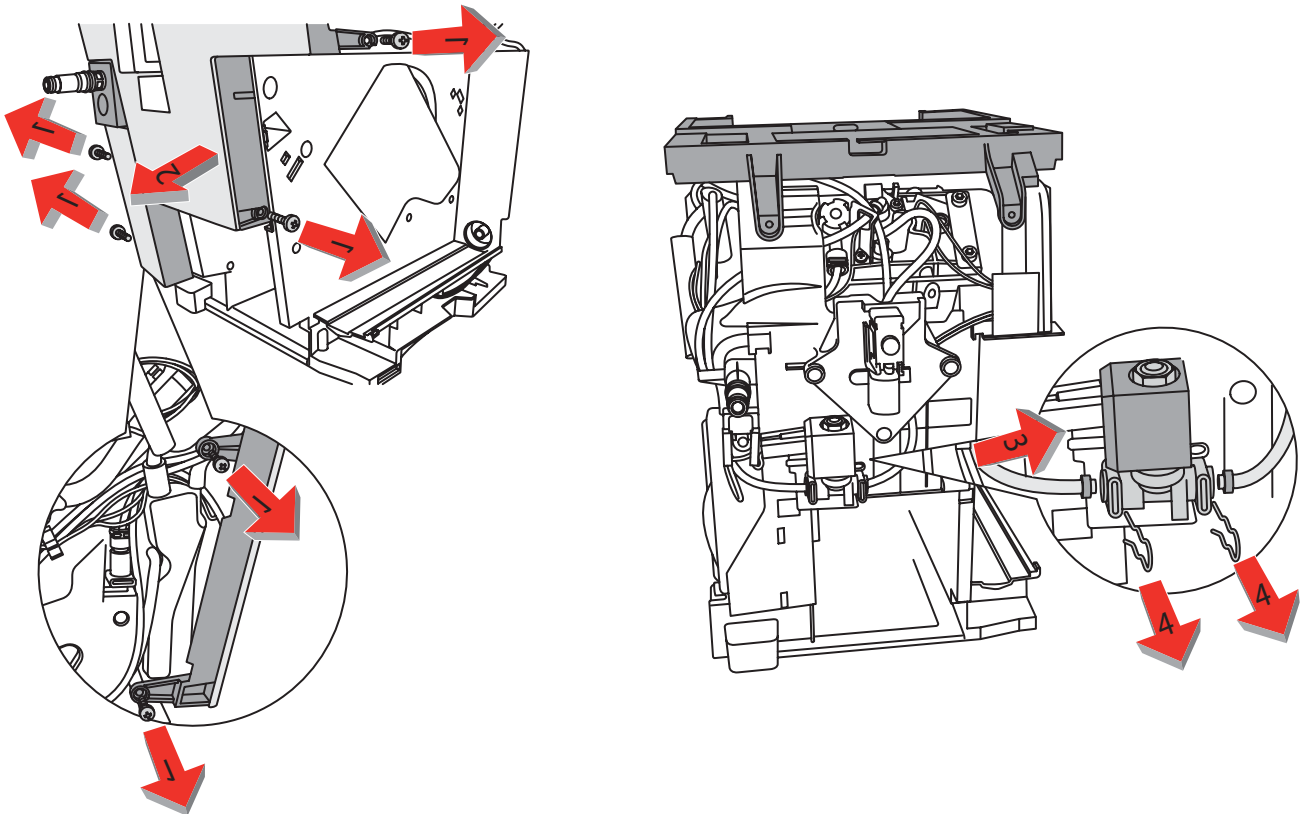
1. Togliere il cablaggio
 2. Sfilare il flussimetro
-
1. Remove the wiring
 2. Remove the water float meter

RIMOZIONE SCHEDA POTENZA / TO REMOVE POWER BOARD



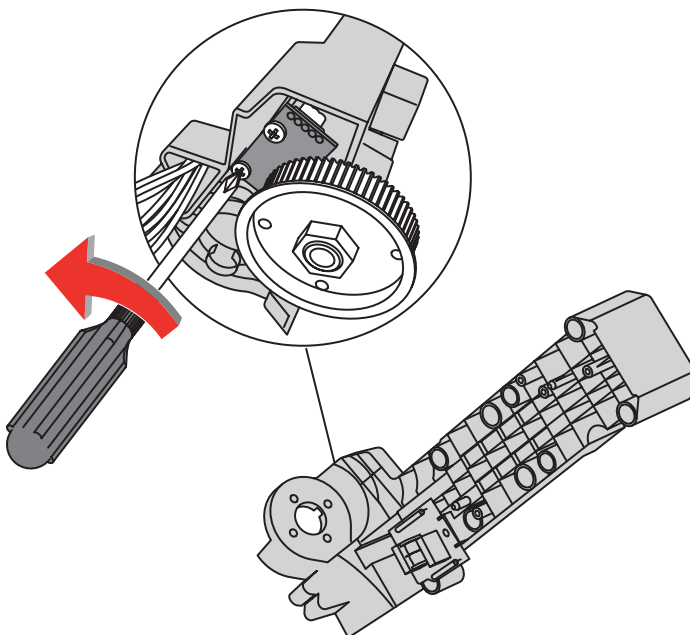
1. Togliere il cablaggio
 2. Togliere 4 viti
-
1. Remove the wiring
 2. Unscrew the 4 screws

RIMOZIONE ELETTROVALVOLA VAPORE / TO REMOVE ELECTROVALVE STEAM



- | | |
|--------------------------|-----------------------------|
| 1. Togliere le 4 viti | 1. Unscrew the 4 screws |
| 2. Togliere il pannello | 2. Remove the control panel |
| 3. Togliere il cablaggio | 3. Remove the wiring |
| 4. Togliere le 2 clip | 4. Remove the springs |

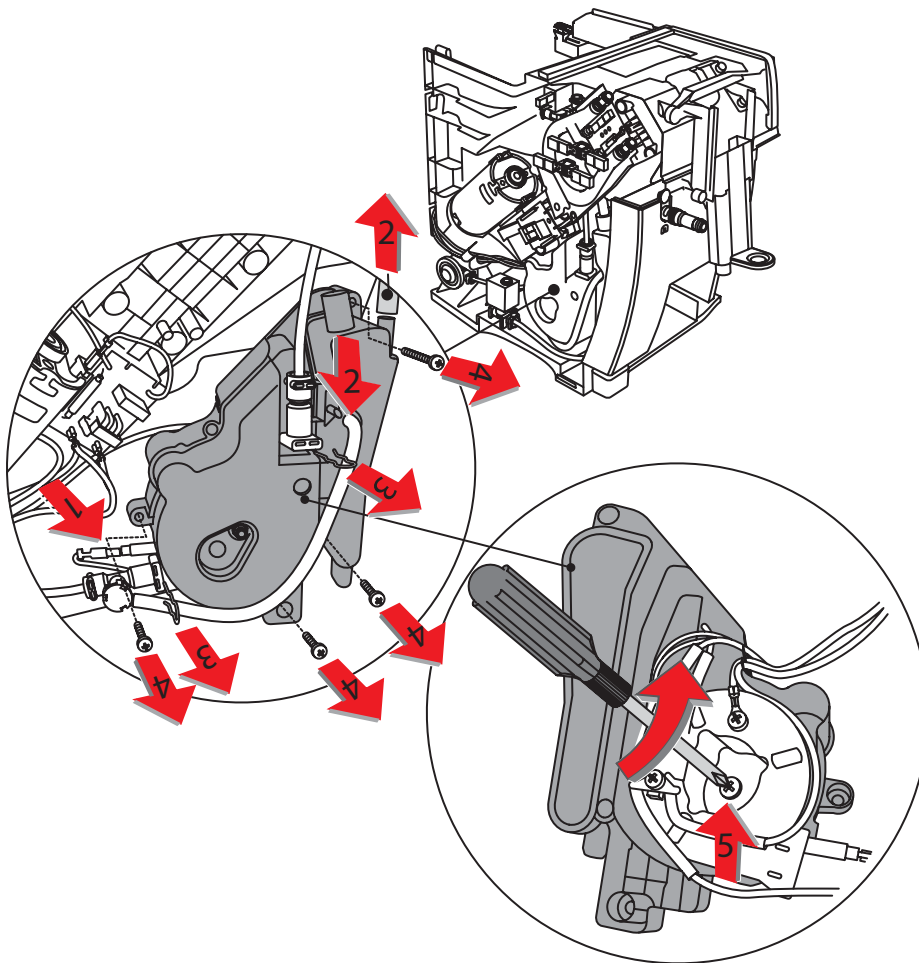
RIMOZIONE SCHEDA CELLA DI HALL / TO REMOVE HALL SENSOR



1. Togliere il cablaggio
2. Togliere 2 viti

1. Remove the wiring
2. Unscrew the 2 screws

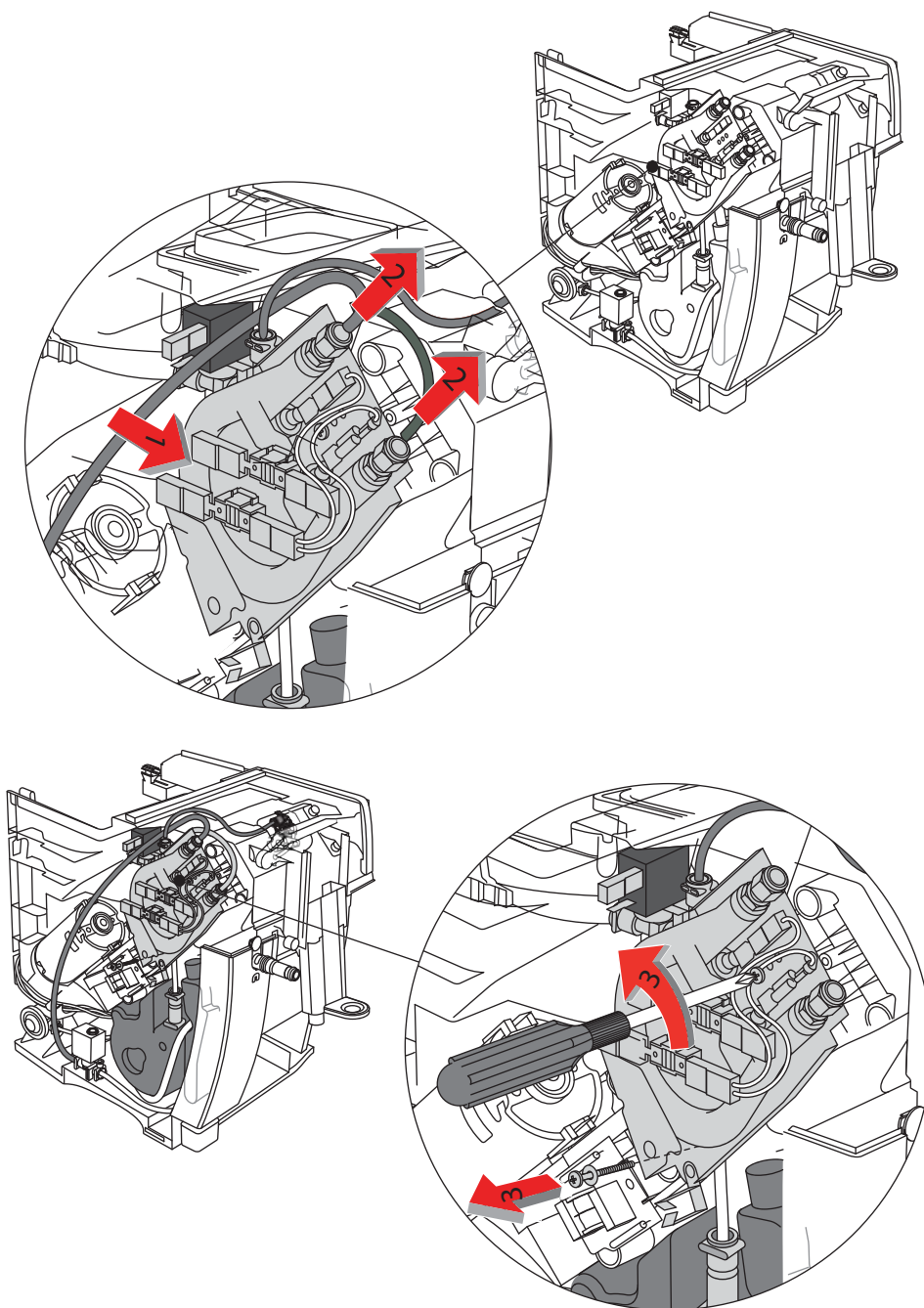
RIMOZIONE CALDAIA CAFFE' / TO REMOVE COFFEE BOILER



1. Togliere il cablaggio
2. Togliere i due tubi
3. Togliere le due clip e rimuovere i 2 tubi
4. Togliere le 4 viti
5. Togliere la vite e sfilare la resistenza

1. Remove the wiring
2. Remove the tubes
3. Remove the spring and remove the tubes
4. Remove the 4 screws
5. Remove the screw and disassemble the boiler

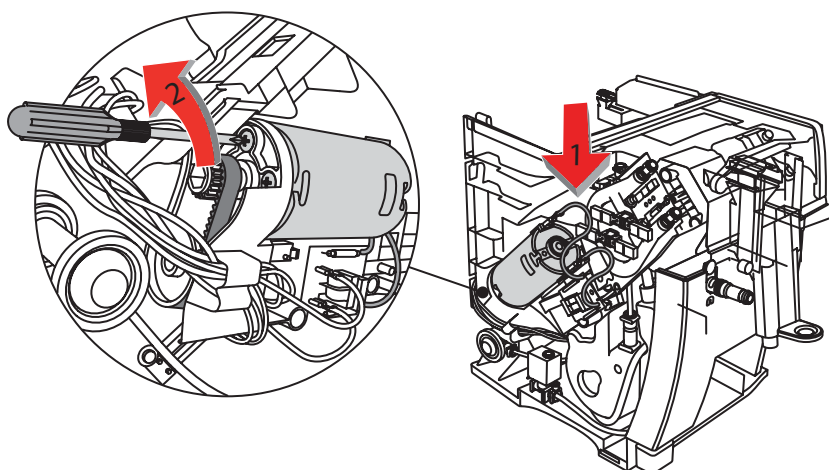
RIMOZIONE CALDAIA VAPORE / TO REMOVE STEAM BOILER



1. Togliere il cablaggio
2. Togliere i due tubi
3. Togliere le 2 vite

1. Remove the wiring
2. Remove the tubes
3. Remove the 2 screws

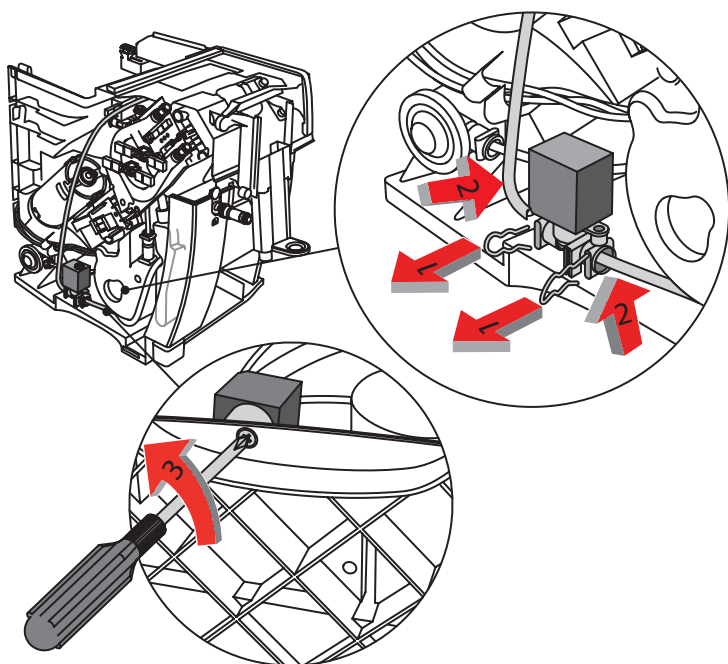
RIMOZIONE MOTORE INFUSORE / TO REMOVE INFUSER MOTOR



1. Togliere il cablaggio
2. Togliere le 3 viti

1. Remove the wiring
2. Unscrew the 3 screws

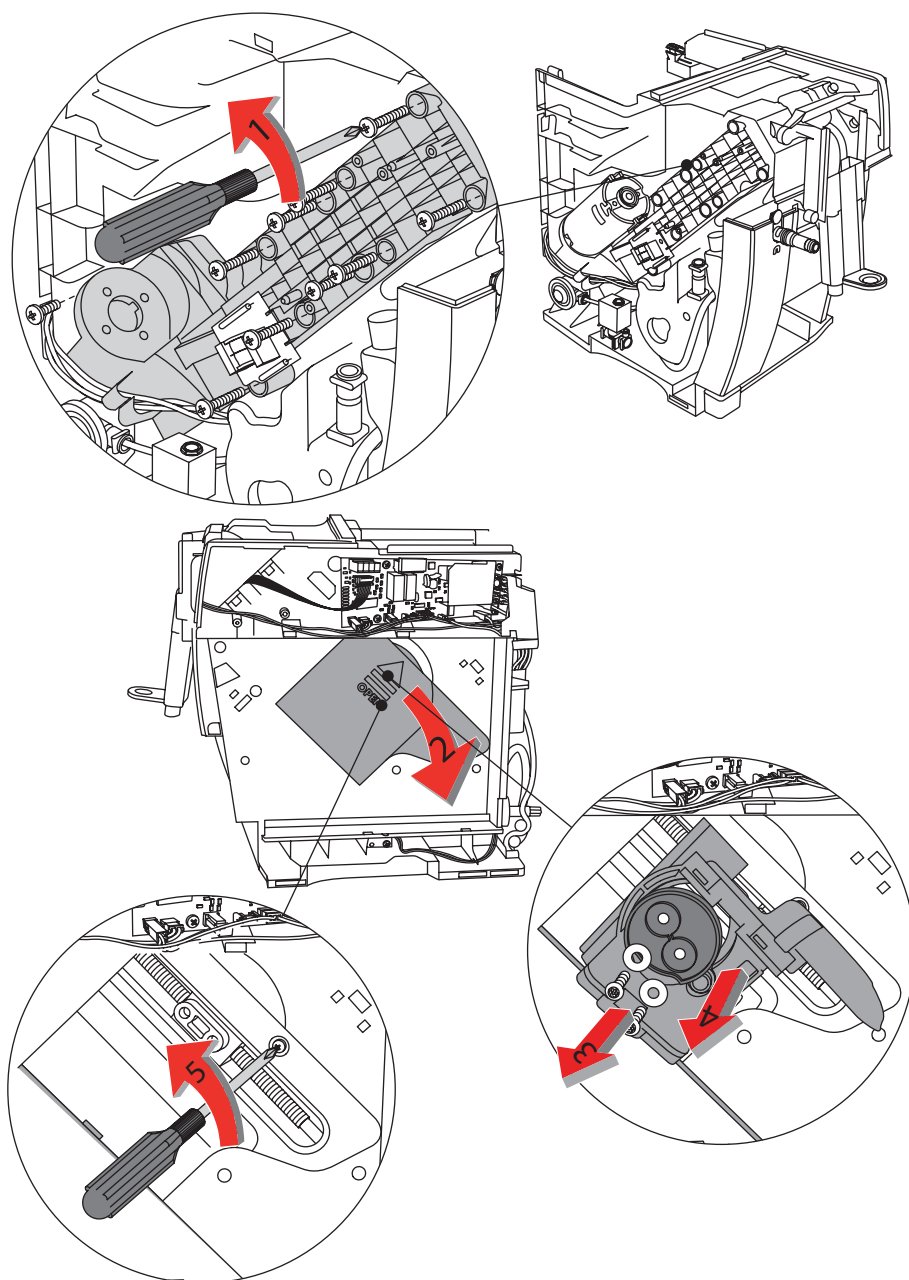
RIMOZIONE ELETTROVALVOLA ACQUA CALDA / TO REMOVE ELECTROVALVE HOT WATER



1. Togliere le 2 clip
2. Togliere i 2 tubi
3. Togliere le 2 viti

1. Remove the springs
2. Remove the tubes
3. Remove the 2 screws

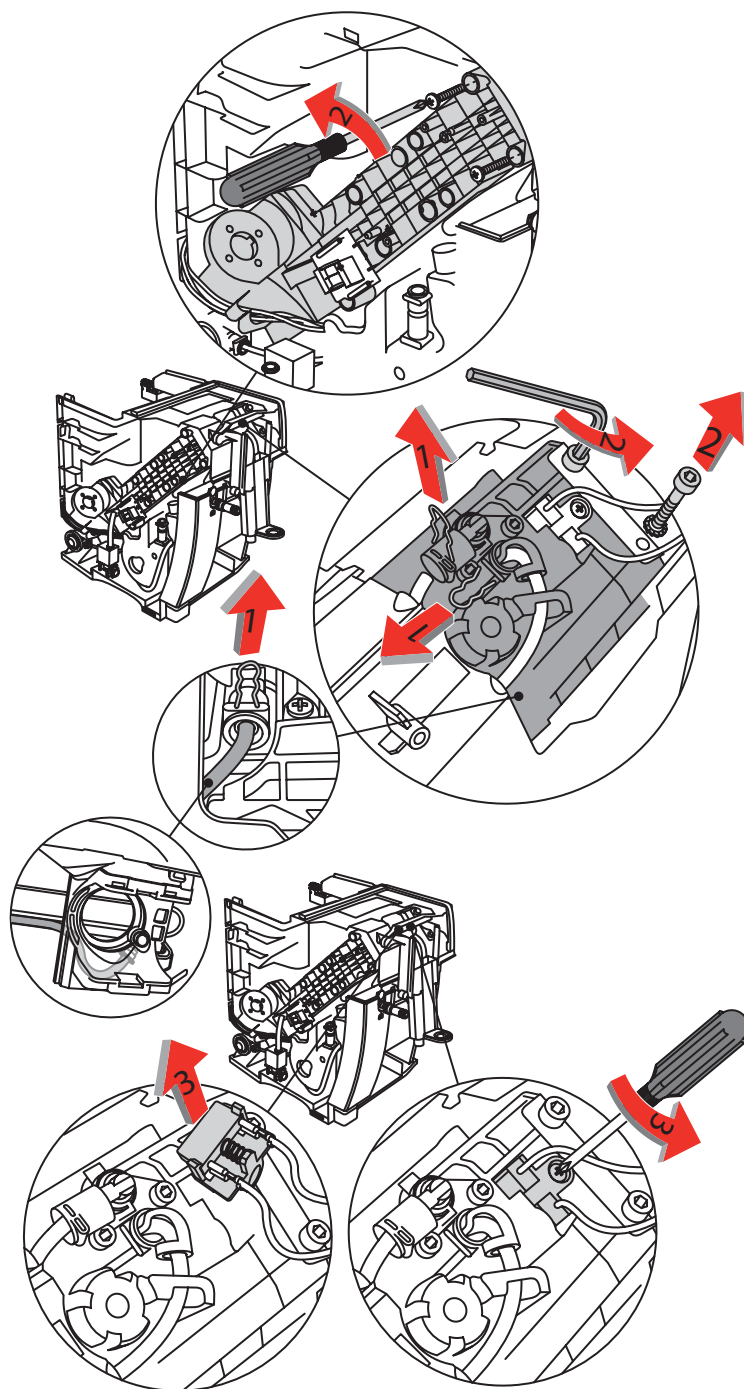
RIMOZIONE TRASMISSIONE / TO REMOVE TRANSMISSION



1. Togliere le 10 viti
2. Aprire lo sportellino infusore
3. Togliere le 2 viti
4. Togliere il supporto infusore
5. Togliere la vite

1. Unscrew the 10 screws
2. Open infuser box
3. Unscrew the 2 screws
4. Remove the slider
5. Remove the 1 screw

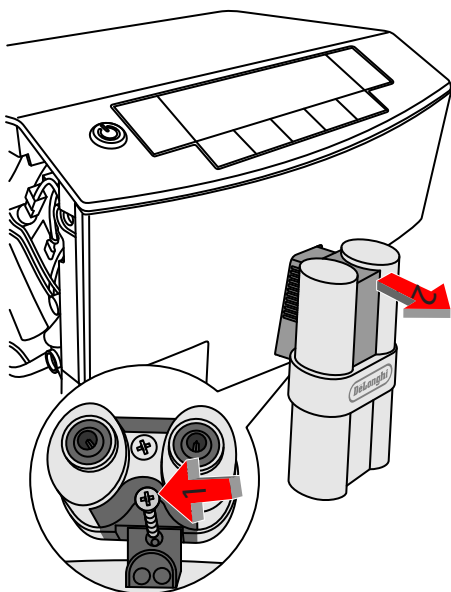
RIMOZIONE MECCANOVALVOLA / TO REMOVE VALVE ASSEMBLY



1. Togliere le 3 clip e staccare i tubi
2. Togliere le 4 viti
3. Togliere la vite e rimuovere il micro

1. Remove the 3 springs
2. Remove the 4 screws
3. Remove the screw and remove microwitch

RIMOZIONE EROGATORE CAFFE' / TO REMOVE COFFEE SPOUT



1. Togliere la vite
2. Togliere l'erogatore

1. Unscrew the one screw
2. Remove coffee spout