



Electrolux

SERVICE MANUAL COOFEE-MAKERS

Coffee-maker for built-in
installation

EBC54514AX

Document Revisions

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EN

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Consumer Service - EMEA
Quality & Continuous Improvement - Technical Support

MACCHINA DA CAFFÈ' AUTOMATICA AUTOMATIC COFFEE MACHINES

ELECTROLUX EBC54514AX
0132272107

DATI TECNICI / TECHNICAL DATA / TECHNISCHE DATEN DONNEES TECHNIQUES / DATOS TECNICOS

Voltaggio / Voltage / Spannung / Voltage / Voltaje V 220-240 Hz 50/60

Max. potenza assorbita / Max. input power W 1350

SEZIONE CAFFÈ / COFFEE SECTION

Sonda termica / Temperature probe °C 98 (Caffè / Coffee)
°C 98 (Acqua calda / Hot water)

Fusibile termico TCO / Thermal fuse TCO °C 192

Resistenza riscaldamento / Heating element W 600+600

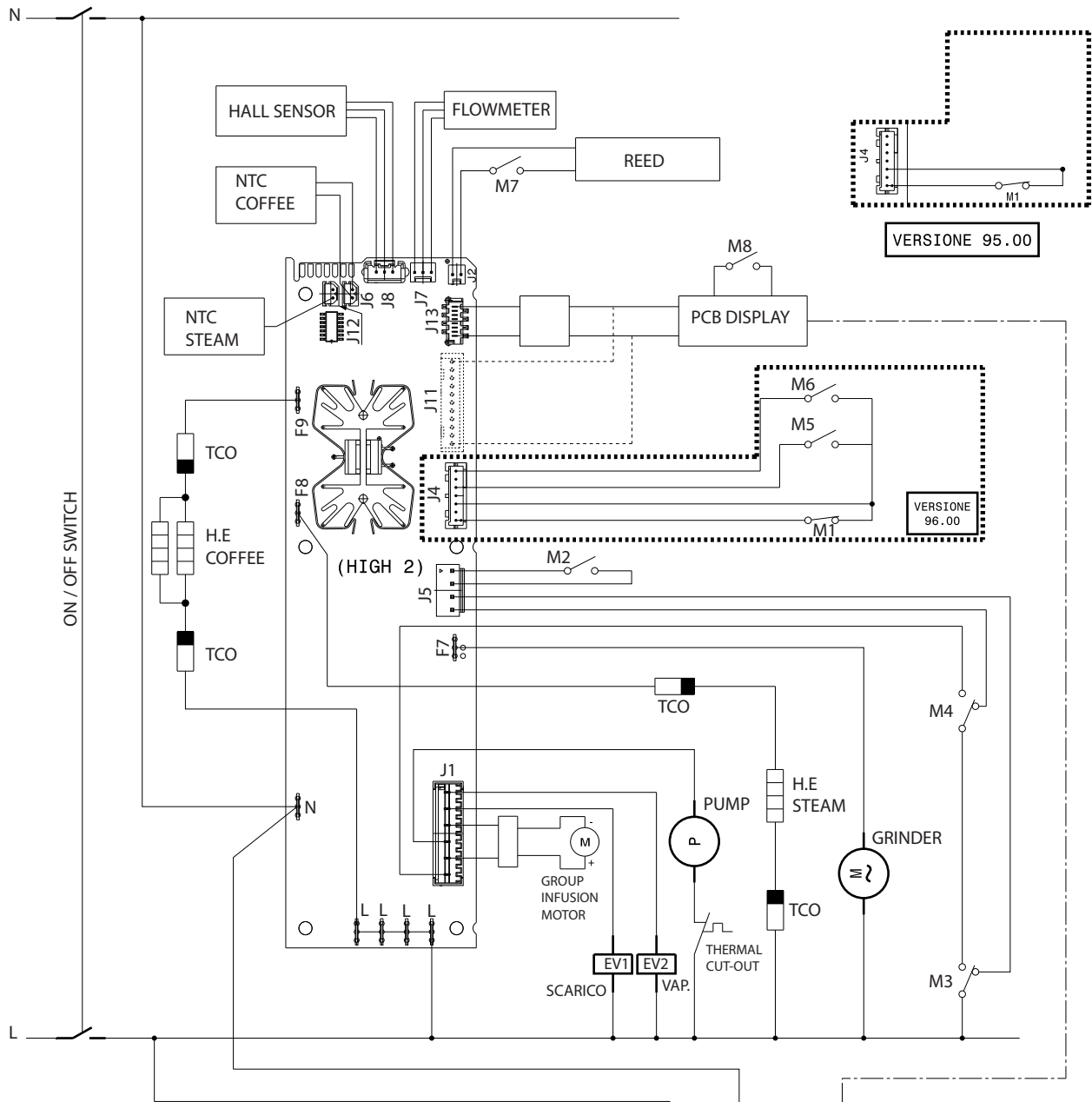
Pompa / Pump ULKA EP5 - W 48

SEZIONE VAPORE / STEAM SECTION

Sonda termica / Temperature probe °C 145 (Vapore / Steam)

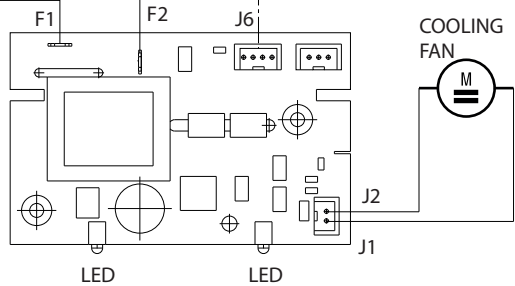
Fusibile termico TCO / Thermal fuse TCO / Thermische-Sicherung TCO °C 318
Fusible thermique TCO / Fusible térmico TCO

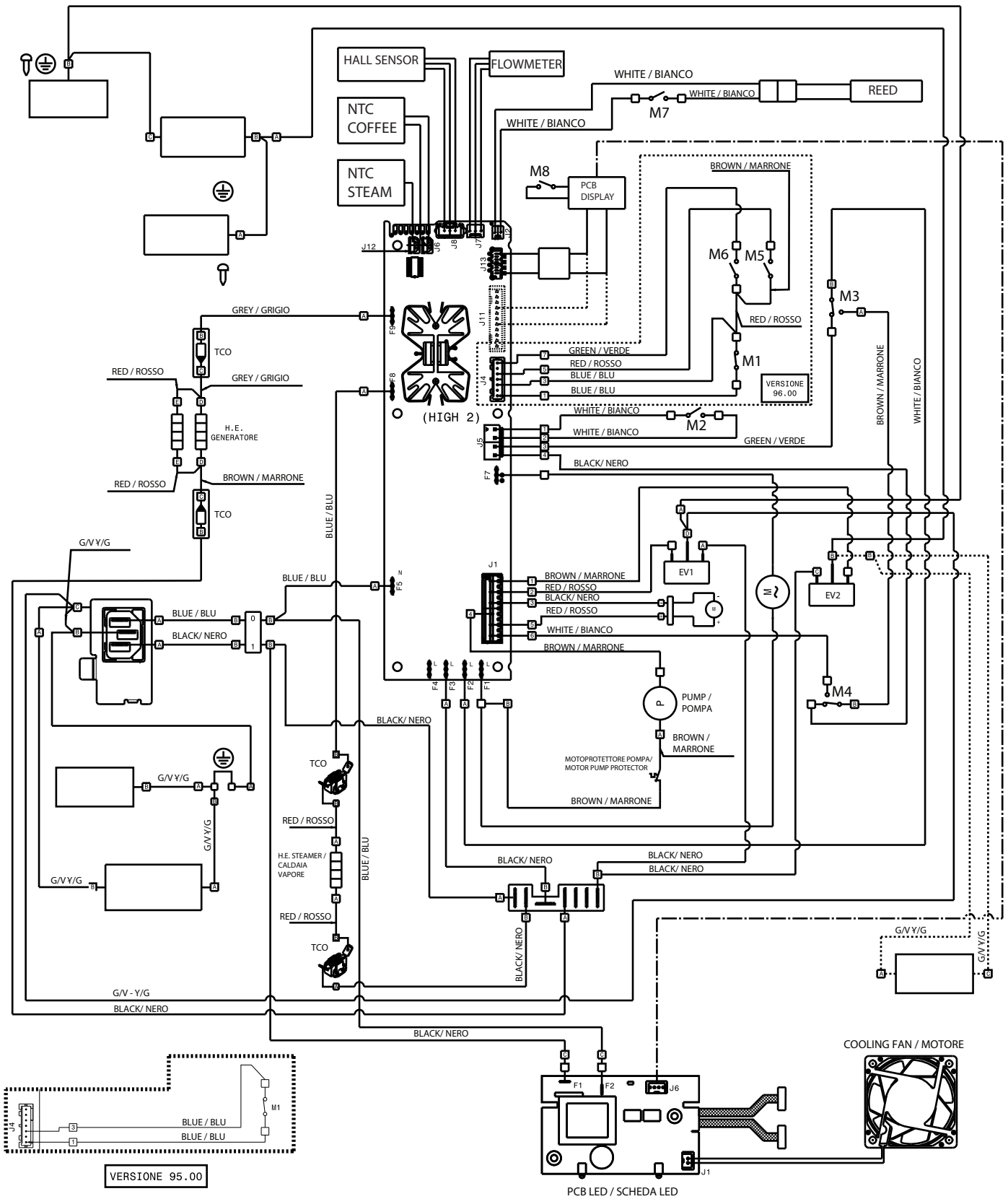
Resistenza riscaldamento / Heating element / Heizelement W 1000
Elément chauffant / Resistencia de calefacción



LEGENDA / LEGEND :

- M1 = GRUPPO ALTO
UPPER MICROSWITCH (GROUP INFUSION MOTOR)
- M2 = GRUPPO BASSO
LOWER MICROSWITCH (GROUP INFUSION MOTOR)
- M3 = CASSETTO FONDI
DRAWER MICROSWITCH
- M4 = PORTA ACCESSO
DOOR MICROSWITCH
- M5 = PRESENZA IFD
IFD PRESENCE
- M6 = PRESENZA PIPETTA
H₂O SUPPL. PRESENCE
- M7 = PRESENZA SERBATOIO ACQUA
WATER TANK PRESENCE
- M8 = MICROSWITCH ON/STAND-BY
- EV1 = ELETTROVALVOLA 3 VIE SCARICO
3 WAYS ELECTROVALVE (WAY OUT)
- EV2 = ELETTROVALVOLA 2 VIE VAPORE
2 WAYS ELECTROVALVE (STEAM)
- L = FASE
PHASE/LIVE
- N = NEUTRO
NEUTRAL
- TCO = TERMOFUSIBILE
THERMAL CUT OFF
- H.E. = ELEMENTO RISCALDANTE
HEATING ELEMENT





TEST PROCEDURE

Load test mode

TEST	PROCEDURA	Corrispondenza icona con attivazione carico Pressing each icon below, you can check the load		NOTES
		icon	carico (load)	
LOAD TEST MODE	<p>Con macchina in stand-by (macchina spenta ma con interruttore generale in posizione I) aprire lo sportello di servizio e tenere premuto contemporaneamente le icone 1TAZZA,MENU' e LUNGHEZZA OK,per almeno 6 secondi ovvero sino a quando il display non visualizza il messaggio "SELECTTEST",dopodichè chiudere lo sportello e premere l'icona LIGHT : sul display comparirà "LOAD TEST MODE".</p> <p>With the machine in stand-by (plugged in with the main switch on I, but the machine OFF),open the service door. Keep the icons 1 CUP, MENU' and LENGHT / OK pressed till on the display is shown the message"SELECT TEST" (min. 6 seconds); close the service door and then press on the icon LIGHT. After a few seconds the display will show the message: "LOADTEST MODE"</p>			<p>Per uscire dal test togliere l'alimentazione</p> <p>Plug off the appliance to quit the load test mode</p>
		On / Stand by	Caldaia caffè (Coffee boiler)	
		1 Tazza (1 Cup)	EV1+ FAN	
		Vapore (Steam)	Caldaia vapore (Steam boiler)	
		Acqua calda (Hot water)	EV1+ EV2 + LED	
		Menu / Esc	Macinino (Grinder)	
		2 Tazze (2 Cups)	EV2	
		LIGHT	Infusore su (Motor up)	
		Gusto (Taste)	Infusore giù (Motor down)	
		Lunghezza / OK (Lenght / OK)	Pompa (Pump)	

TEST PROCEDURE

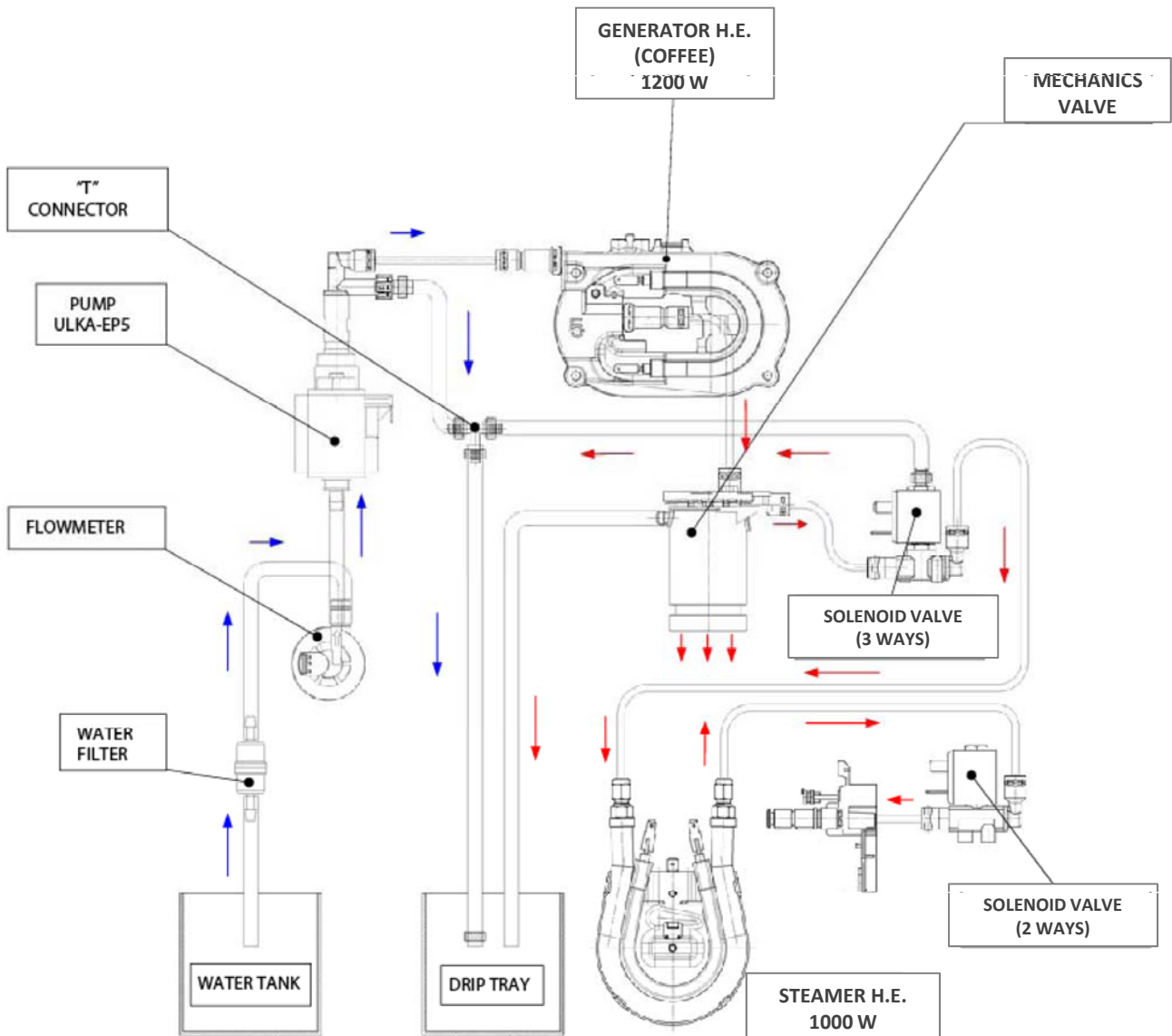
Display test mode

TEST	PROCEDURA	Corrispondenza icona con attivazione carico Pressing each icon below, you can check the load		NOTES
		icon	carico (load)	
DISPLAY TEST MODE	<p>Con macchina in stand-by (macchina spenta ma con interruttore generale in posizione I) aprire lo sportello di servizio e tenere premuto contemporaneamente le icone 1TAZZA, MENU' e LUNGHEZZA OK, per almeno 6 secondi ovvero sino a quando il display non visualizza il messaggio "SELECTTEST", dopodichè chiudere lo sportello e premere l'icona MENU : sul display comparirà "DISPLAY TEST MODE"</p> <p>With the machine in stand-by (plugged in with the main switch on I, but the machine OFF), open the service door. Keep the icons 1 CUP, MENU' and LENGHT / OK pressed till on the display is shown the message "SELECT TEST" (min. 6 seconds); close the service door and then press on the icon MENU: After a few seconds the display will show the message: "DISPLAY TEST MODE"</p>			<p>Dopo 10" di non utilizzo esce dal test. Viene resettata la lingua impostata ed abilitato il primo innesco.</p> <p>The display test mode quits after 10" of inactivity. The test resets the language and will restart from the pump priming</p>
		On / Stand by	BUTTON 0	
		1 Tazza (1 Cup)	BUTTON 1	
		2 Tazze (2 Cups)	BUTTON 2	
		JUG	BUTTON 3	
		Acqua calda (Hot water)	BUTTON 4	
		Vapore (Steam)	BUTTON 5	
		Gusto (Taste)	BUTTON 6	
		Menu	BUTTON 7	
		Menu / Prew	BUTTON 8	
		Menu / Next	BUTTON 9	
		Lunghezza / OK (Lenght / OK)	BUTTON 10	
		LIGHT	BUTTON 11	
		ESC	BUTTON 12	
OK	BUTTON 13			

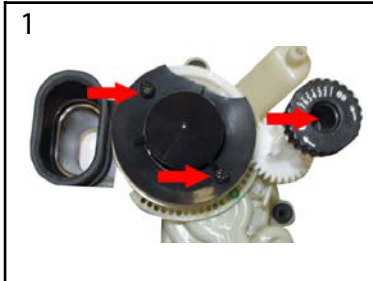
AZZERAMENTO QUOTA MASSIMA INFUSORE (ENCODER RESET MODE)

AZZERAMENTO QUOTA	Con macchina in stand-by (macchina spenta ma con interruttore generale in posizione I) aprire lo sportello di servizio e tenere premuto contemporaneamente le icone 1 TAZZA, MENU e LUNGHEZZA / OK , per almeno 6 secondi ovvero sino a quando il display non visualizza "SELECT TEST", dopo di chè chiudere lo sportello e premere l'icona LUNGHEZZA / OK .		La macchina esce dalla modalita' TEST appena premuto il tasto. E' necessario fare un'erogazione dell'acqua.
ENCODER RESET MODE	With the machine in stand-by (plugged in with the main switch on I, but machine off), open the Service door and keep the icons 1 CUP, MENU' and LUNGHEZZA / OK pressed till is shown the message "SELECT TEST" on the display (min. 6 seconds). Close the Service door and then press on the icon LUNGHEZZA / OK .		When you press the icon LUNGHEZZA / OK the encoder reset mode quits. It's necessary to deliver a rinsing cycle

HYDRAULIC CIRCUIT



Grinder Set-up for all models of the Magnifica, Automatic coffee maker



1
Remove the coffee beans container, the black finger saver and the knob.



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



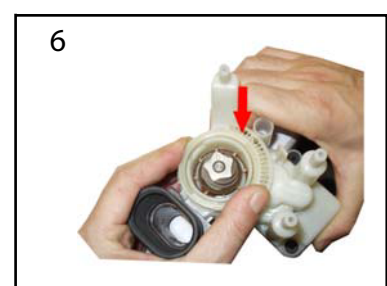
3
Verify the position of the white gasket (has to be as on the picture)



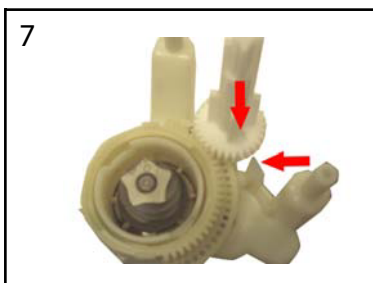
4
Remove the white plastic ring by pulling it.



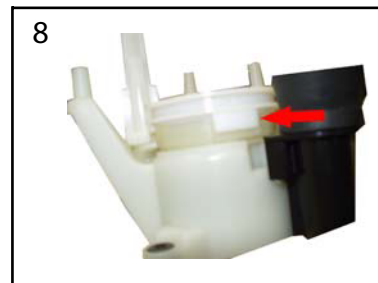
5
Turn the white shaft counter-clockwise till it stops. Pull to remove it.



6
Now you can change the setting:
Turn the gear **clockwise*** to reduce the coarseness (finer coffee).
Turn the gear **counterclockwise*** to increase the coarseness (**thicker**).



7
Insert the white shaft, making sure its larger notch is aligned with the one on the grinder.



8
Insert the white ring making sure its notch as well is inserted on the correct position



9
Turn the shaft **CLOCKWISE** till it stops to insert the upper gear. Then turn the shaft all the way **COUNTER CLOCKWISE**.

(* 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.