

SERVICE MANUAL

COFFEE MACHINES



PE3810-M



EBA64510X

© ELECTROLUX ITALIA S.p.A. Spares Operations Italy Corso Lino Zanussi, 30

I - 33080 PORCIA /PN (ITALY)

Fax +39 0434 394096

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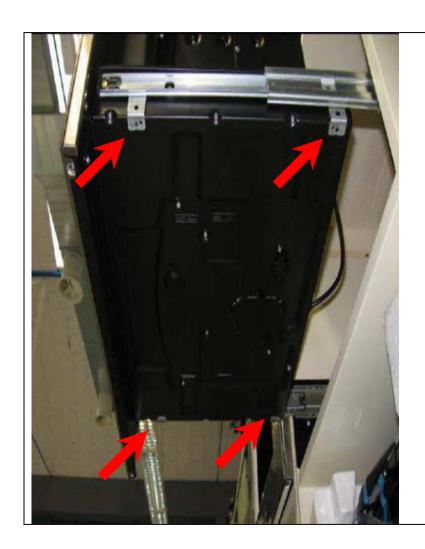
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Coffee machines

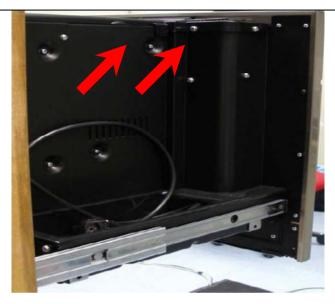
ACCESSIBILITY

Edition: 2010-01

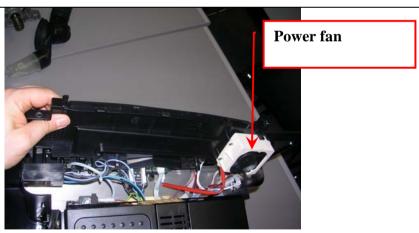


Removing the machine from its housing

- Take the machine out of its housing
- Disconnect the power supply
- Remove the four screws fixing the base to the runners.
- The machine can now be lifted up







Removing the cover

- Take out the two screws from each side, then lift up the cover.
- Make sure you disconnect the power fan before removing the cover.

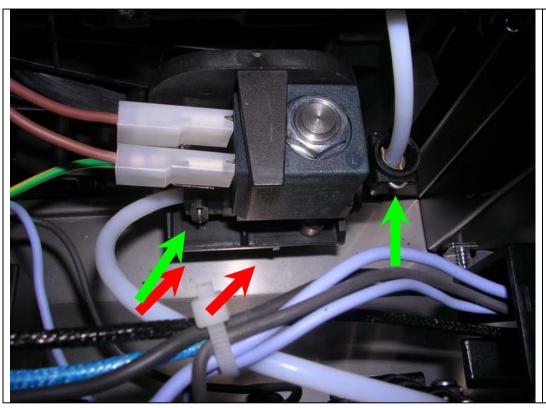


Removing the control board

To remove the control board, proceed as follows:
Unfasten the two screws on the left and right to remove the plastic guard over the board.

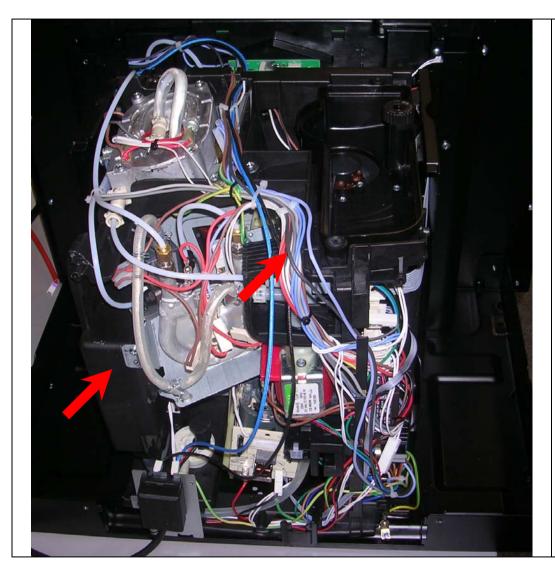


Using a screwdriver, press the three white clips downwards to release the board.



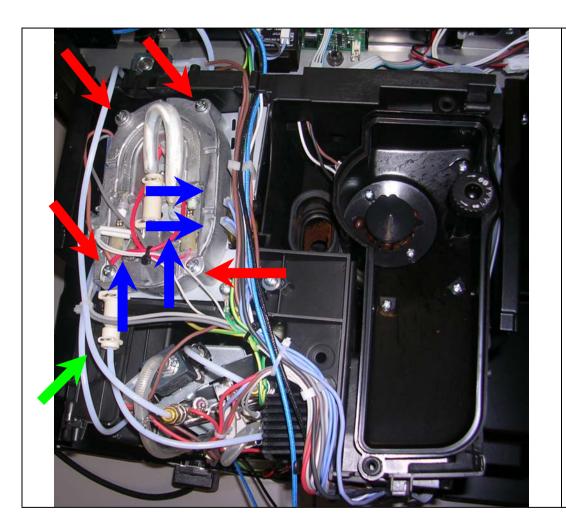
Removing the Solenoid valve

To remove the solenoid valve you must disconnect the pipes by removing the metal clips (green arrow), taking care not to damage the O-rings, and unfasten the two screws under the valve itself (red arrows).



Removing the steam boiler unit

To remove the steam boiler unit, which comprises the boiler, the valve, the 2 TCOs and the temperature probe, unfasten the two screws indicated by the red arrows.



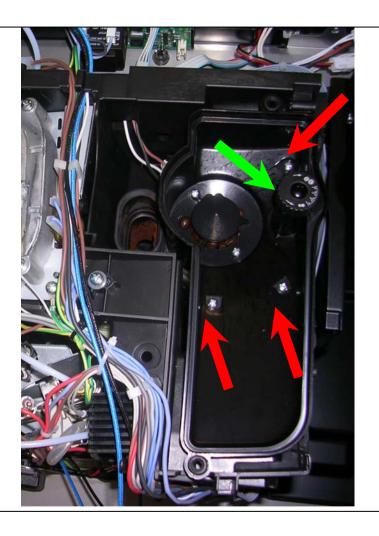
Removing the coffee boiler

To remove the coffee boiler, detach the pipe after removing the metal clip.

Disconnect the wires from the heating element and from the switch.

Unfasten the 4 screws at the 4 corners





Removing the coffee grinder

Disconnect the coffee grinder motor from the power board.

Remove the grinding fineness selector, take off the plastic cap and unfasten the screw beneath it.

Remove the three screws



Lift up the whole grinder



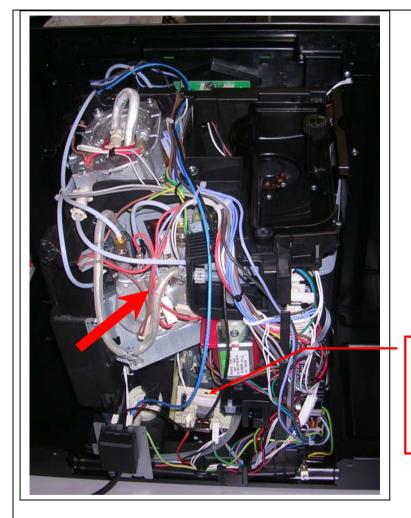
Replacing the percolator motor

Remove the percolator

Unfasten the 3 screws



The motor unit is now free, the wiring at the back must be disconnected.



Percolator motor

To remove the percolator motor you must first remove the steam generator boiler.



Disconnect the motor board power supply and the board plate fitted under the motor unit

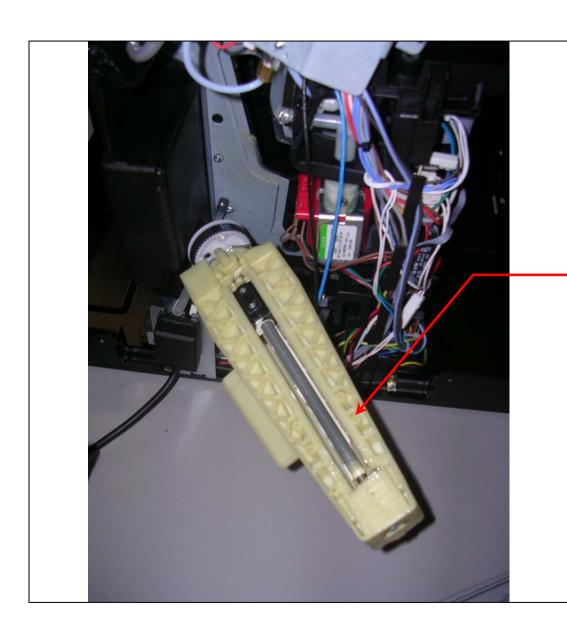


Motor board

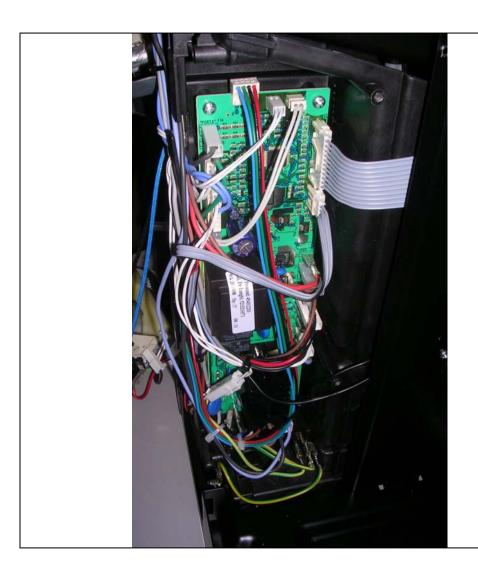


rev counter

board



Percolator motor unit when dismantled



Removing the power board

Remove the four screws securing the board in place