



MODULE SERVICE MANUAL

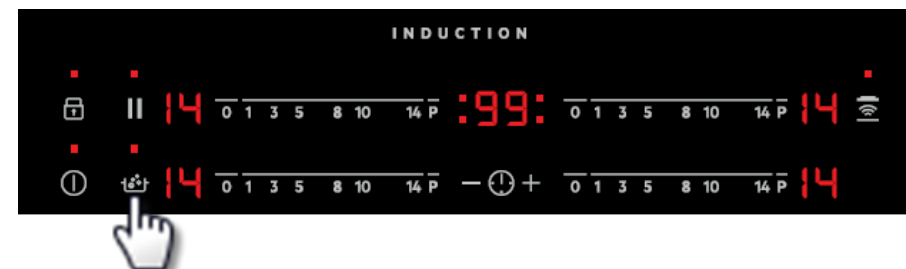
Food Preparation

© ELECTROLUX HOME PRODUCTS
Consumer Service - EMEA
Quality & Continuous Improvement - Technical Support

Induction HOB

HEL - Boil Detection

MEM's Board



EN

Publication number
599 825 - 062
Edition: 11/2018 - Rev. 00

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1 PURPOSE OF THIS MANUAL

The purpose of this Service Manual is to provide Service Engineers who are already familiar with the repair procedures of electrical Hob's

The manual deals with the following topics:

- o MEM's Board Assembly / Service
- o Error codes generated by MEM's

Document Revisions

Rev.	Date	Description	Author
00	11/2018	Document creation	BSP

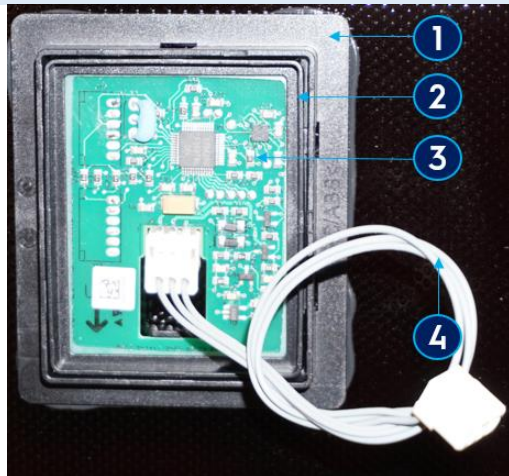
2 SAFETY



- All the work to be performed inside the appliance requires specific skills and knowledge and may only be carried out by qualified and authorised Service Engineers
- Before you access internal components, take the plug out of the socket to disconnect the power supply.
- Some of the components in the mechanical part could cause injuries, so wear suitable protection and proceed with caution.

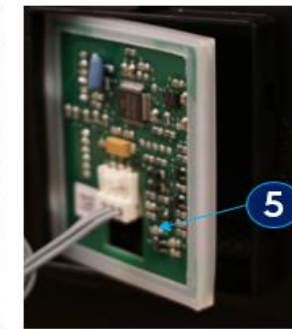
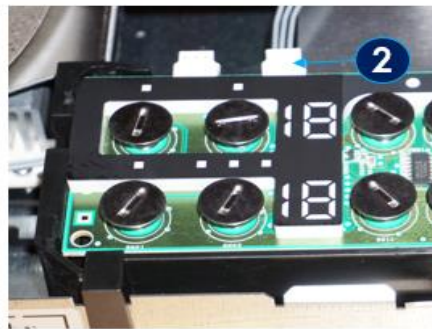
3 MEM'S BOARD

3.1 Assembly



1. MEM's Board Frame
2. MEM's Board Lock Ring
3. MEM's Board with silicon sealing
4. Cable

3.2 Accessing MEM's Board



1. Use the tool to open the glass (Note step 2 has to be performed, before removing the glass)
2. Disconnect the Rast connector
3. Place the glass safe on a flat and soft surface
4. Unsnap the Lock ring
5. Pull out the MEM's Board

4 MEM'S ALARM MANAGEMENT

4.1 Failure Codes

Fault Description	Fault Code	Possible Root Cause	Trouble Shooting	Error Configuration
Boil Sense Communication failure	E8A2	No Communication between UI and the MEM's Board	Check the connectors & Wiring	E is displayed on selected 'boil detection' zone and E8 A2 is display on 7-segment display
Boil Sense Chip not responding	E27x	MEM's Board Failed	Exchange the MEM's Board	

4.2 General Checks

If frame is not melted, MEMS need to be replaced in existing frame together with MACS cable. Tests need to be done after closing hob - water boiling (reason is difficult to identify, MEMS board need to be sent to R&D for further analysis).

If frame is melted whole glass with frame, MEMS with MACS cable and fixation frame need to be replaced. Test need to be done after closing hob - water boiling (but failure is caused by improper use of hob).

*MEMS functionality; check User manual