SERVICE MANUAL

COOKING

FOR INTERNAL AND PARTNERS USE ONLY

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

Induction Hob

Cardinal User Interface

Pure3

EN

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1 PURPOSE OF THIS SERVICE MANUAL

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

This SM will provide information on:

- Induction Hob with Cardinal UI
- Accessesbility
- Technical and functional characteristics
- Trouble shooter

Document Revisions

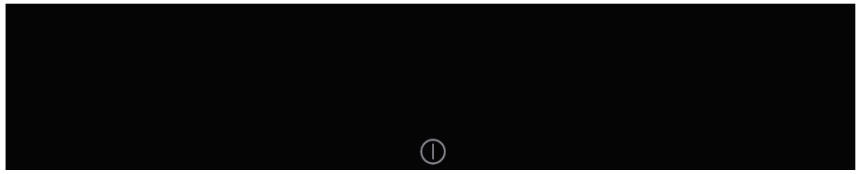
Rev.		Date	Description	Author
00		11/2018	Document creation	BSP

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 USER INTERFACE

3.1 UI Graphis on Glass

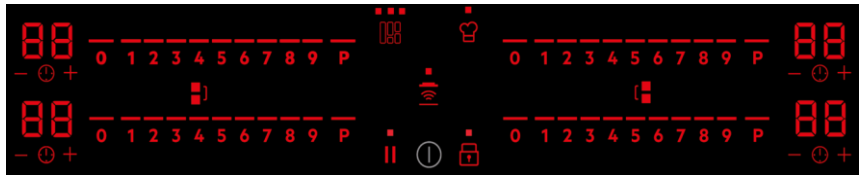


Switch Off

Switch On

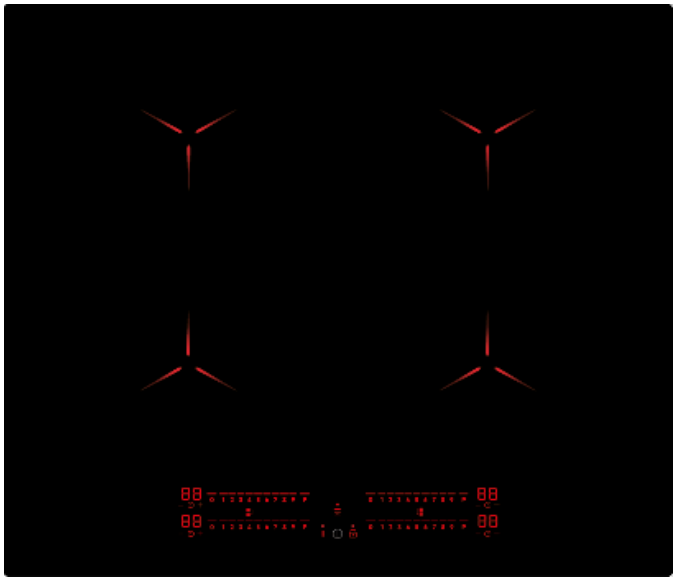
Pot is placed on cooking zone → pot is detected

Level 4 on cooking zone

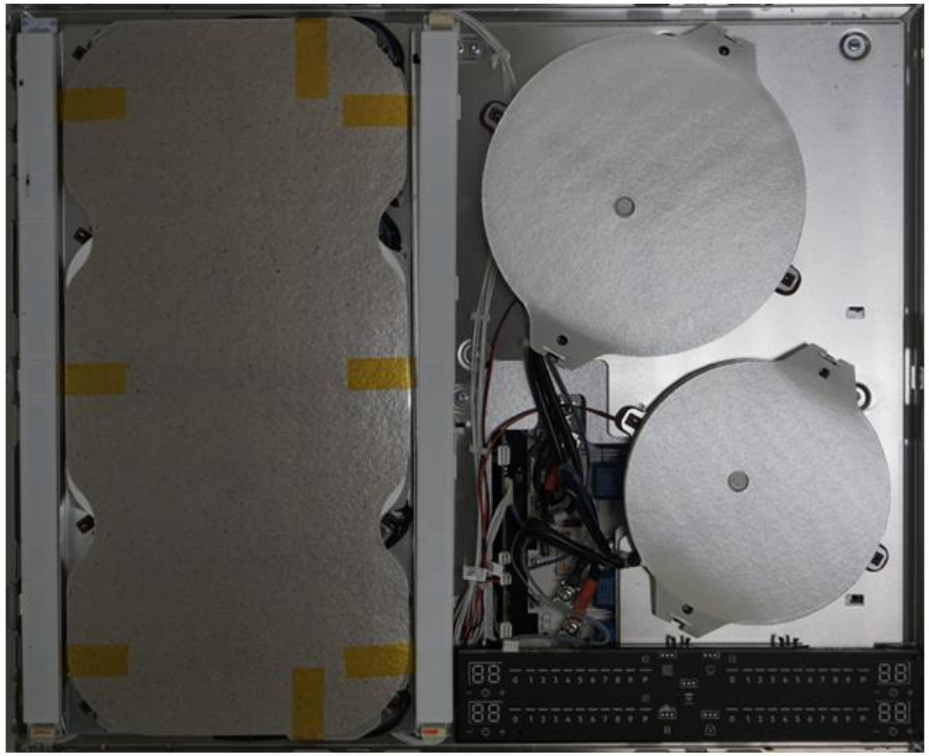


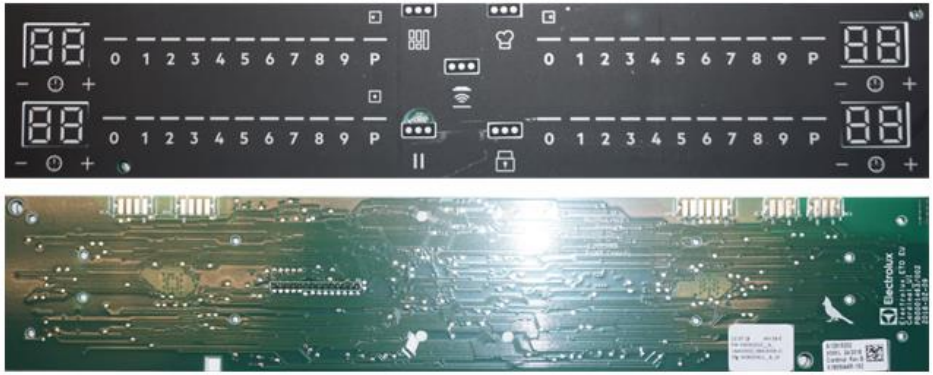
UI Full Glow

3.2 Full Glow Glass Graphics



3.3 Cardinal User Interface Structure





3.4 Pure Hob Evolution

Pure 1

Pure 3

Raven .....

Cardinal.....

4 PURE HOB VARIANTS & SPARES

4.1 Pure Hob Variants

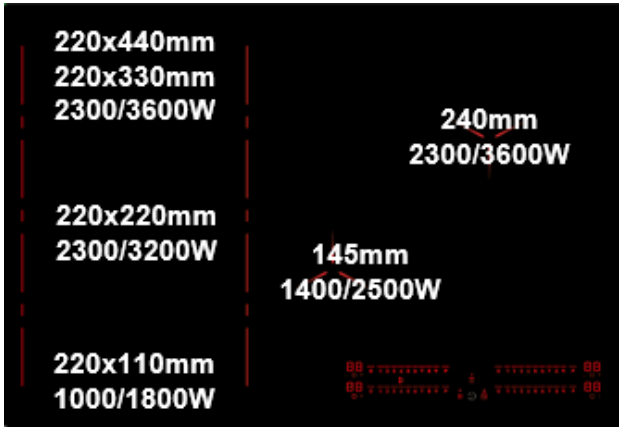
Max. 7,35kW, 2-Phases 220-240V/50/60Hz

UI: Cardinal

ZIC 1 short

King Cheetah ID1

King Cheetah ID2



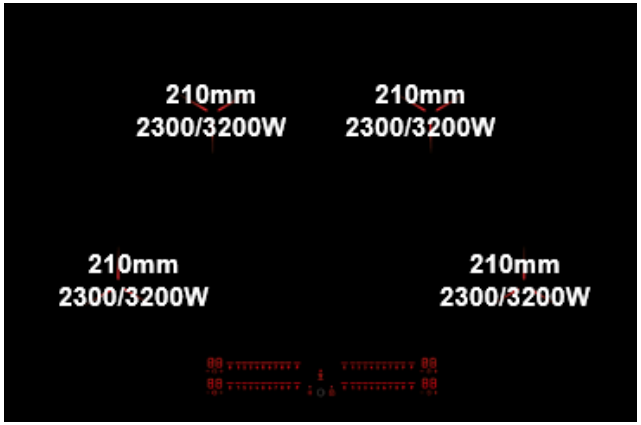
Max. 7,35kW, 2-Phases 220-240V/50/60Hz

UI: Cardinal

ZIC 2 short

King Leopard ID3&4

King Cheetah ID2



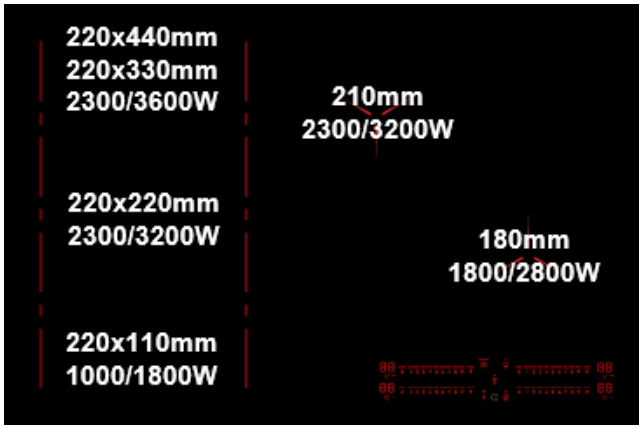
Max. 7,35kW, 2-Phases 220-240V/50/60Hz

UI: Cardinal

ZIC 1 short

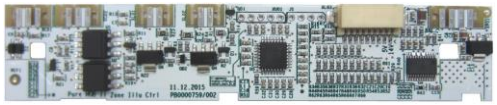
King Cheetah ID1

King Cheetah ID2



UI: Cardinal

ZIC 2 short



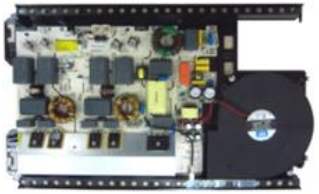
King Leopard ID3&4

King Cheetah ID2

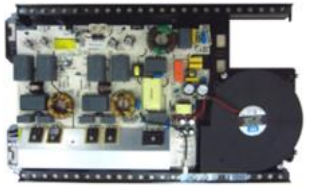
Max. 6,8kW, 2-Phases 220-240V/50/60Hz

UI: Cardinal

ZIC 1 short

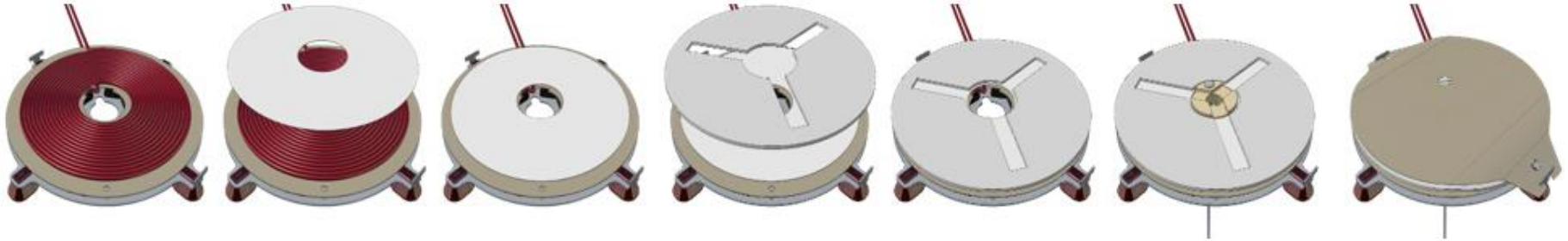


King Tiger ID1

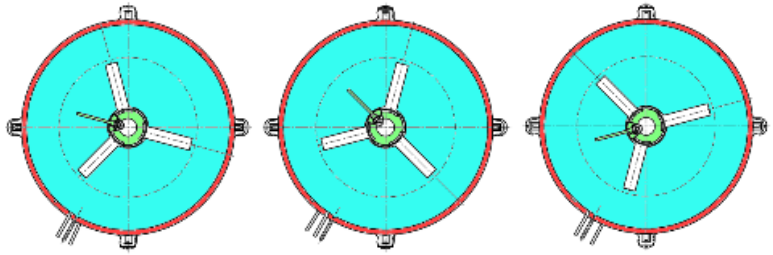


King Tiger ID2

4.2 Coil Variants



Coil 140mm, 180mm and 240mm

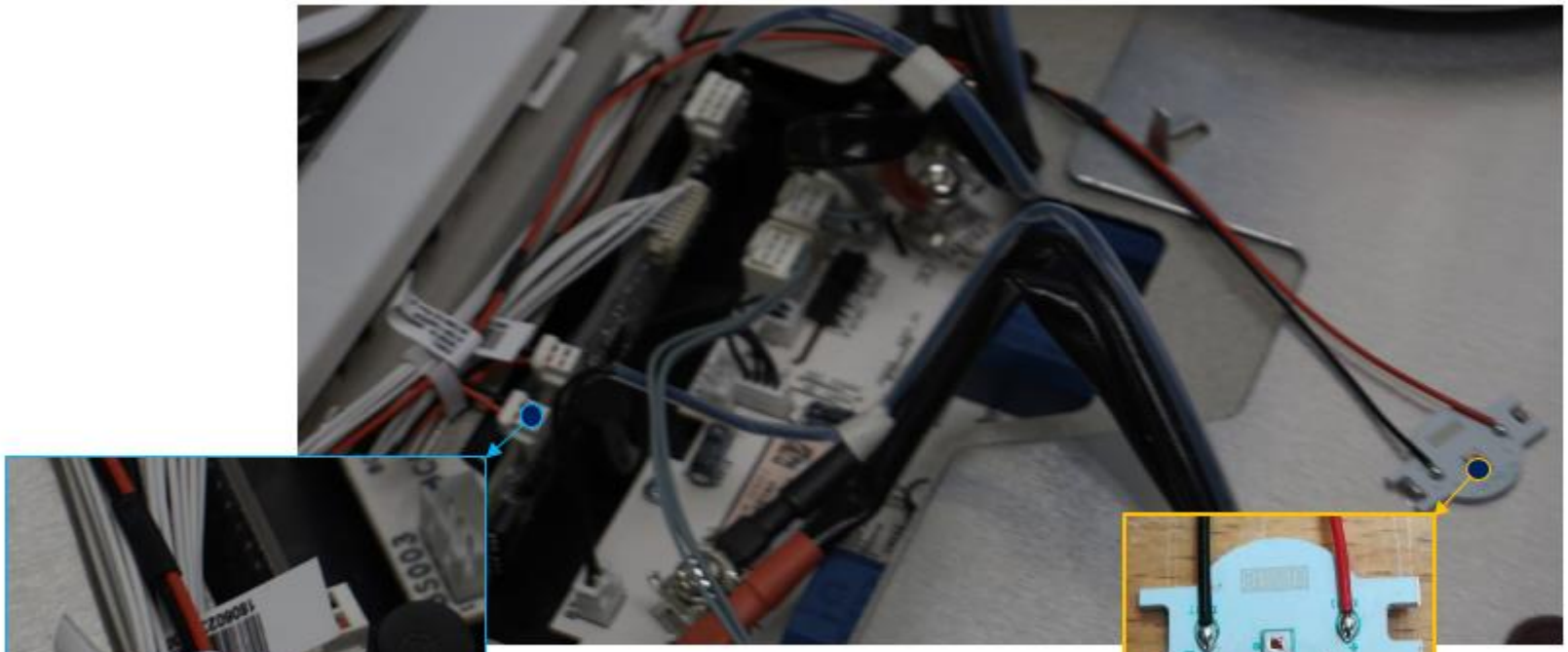


Coil 210mm

Coil Oval D, two variants front and rear

4.3 LED & Zic

4.3.1 LED



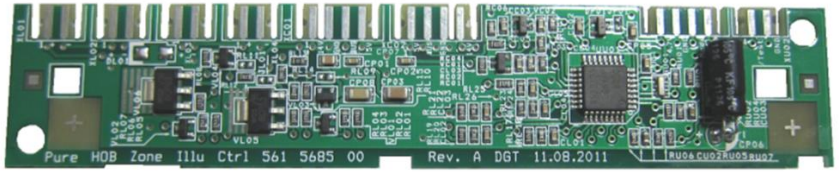
4.3.2 ZIC2 – (Zone Illumination Control)

1. MACS King Cheetah
2. MACS User Interface
3. LED Rear
4. LED Front
5. LED Bar
6. King Cheetah 5v/14V DC

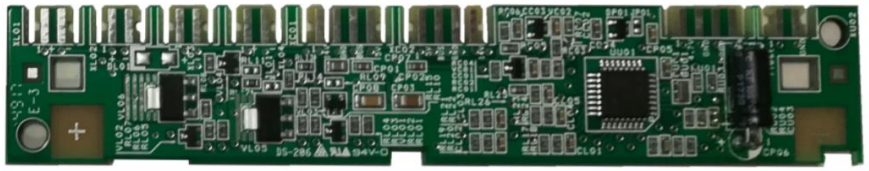
4.3.3 ZIC1

1. ZI LED Front Left
2. ZI LED Rear Left
3. ZI LED Rear Right
4. ZI LED Front Right
5. Induction Module 5v/14V DC
6. User Interface
7. Programming
8. Not Used

ZIC 1 Old



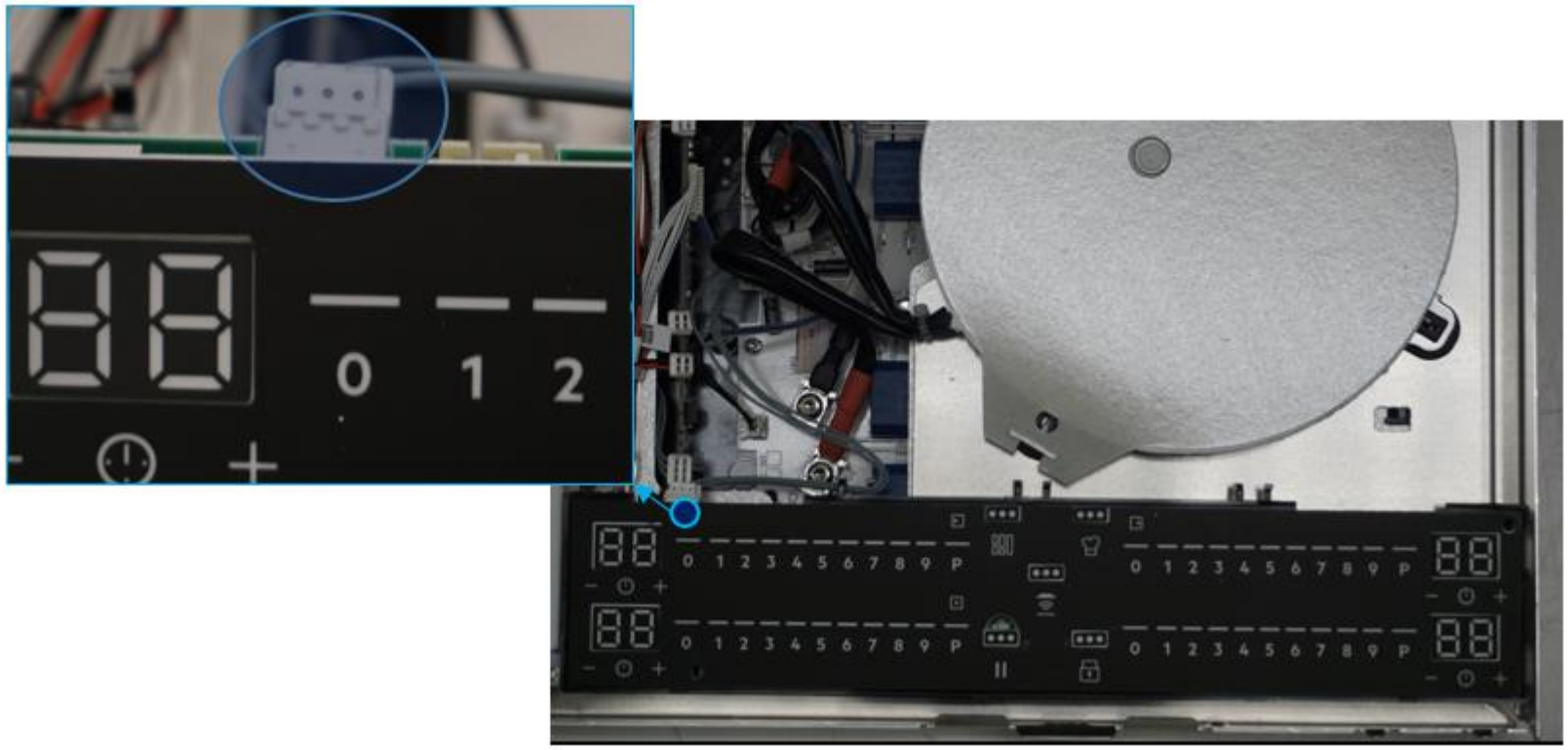
ZIC 1 New



Short and New Software for new Mid-range

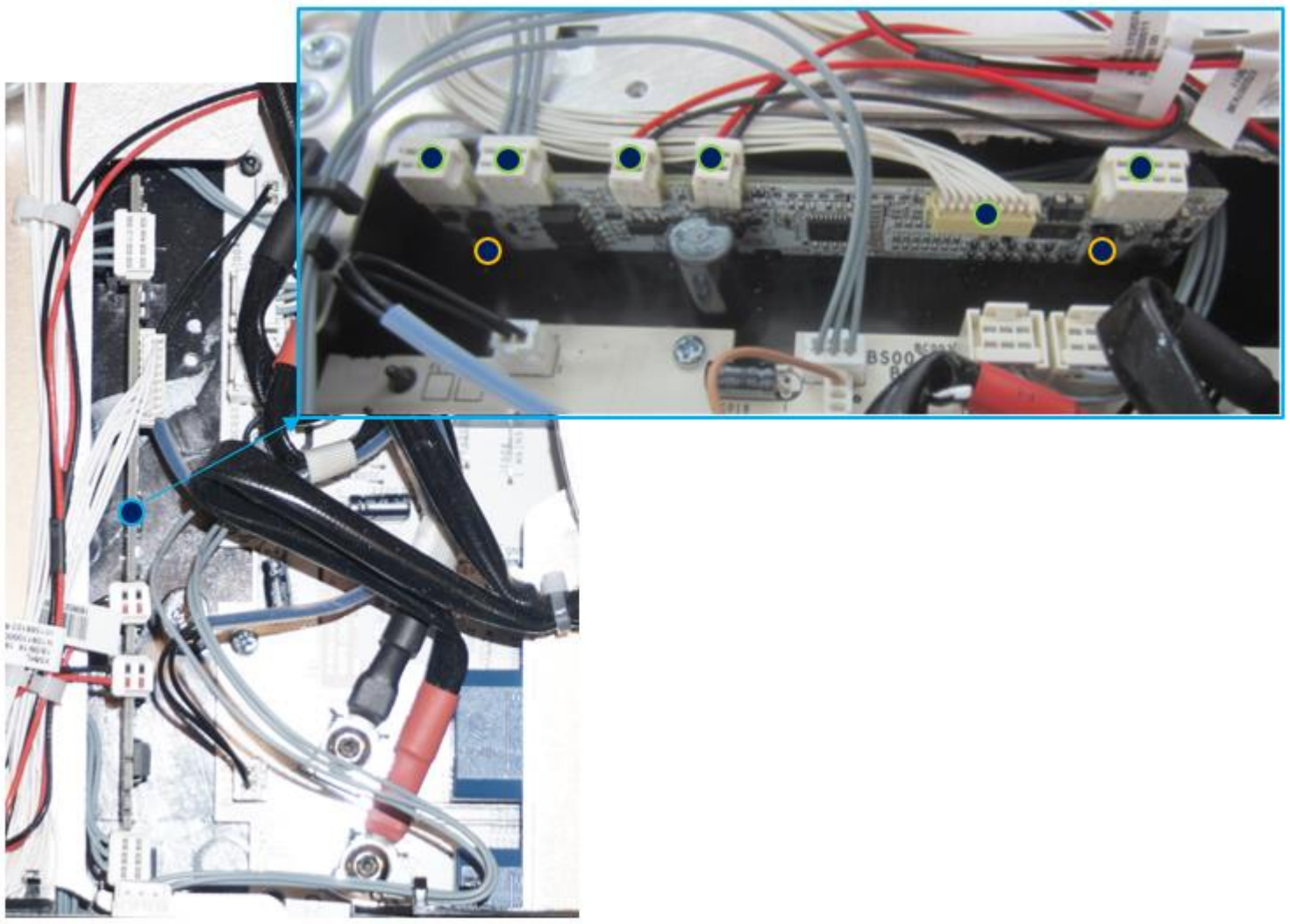
5 ACCESSING HOB SPARES

5.1 User Interface



Remove the glass, remove the Rast connector and lift the UI

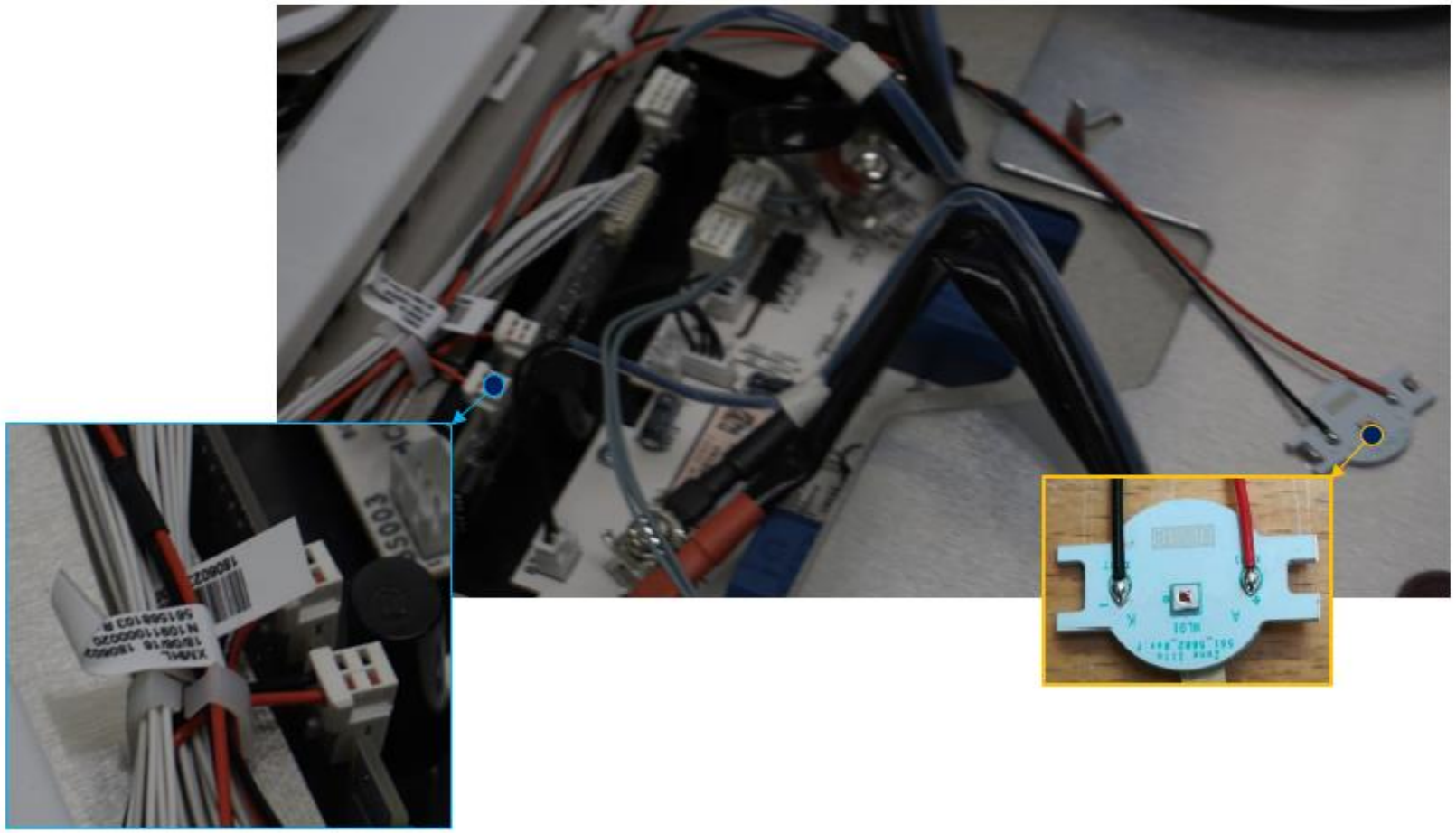
5.2 ZIC Board



- Unsnap *2
- Disconnect the Rast connectors

5.3 LED

5.3.1 Spot LED



Remove the coils

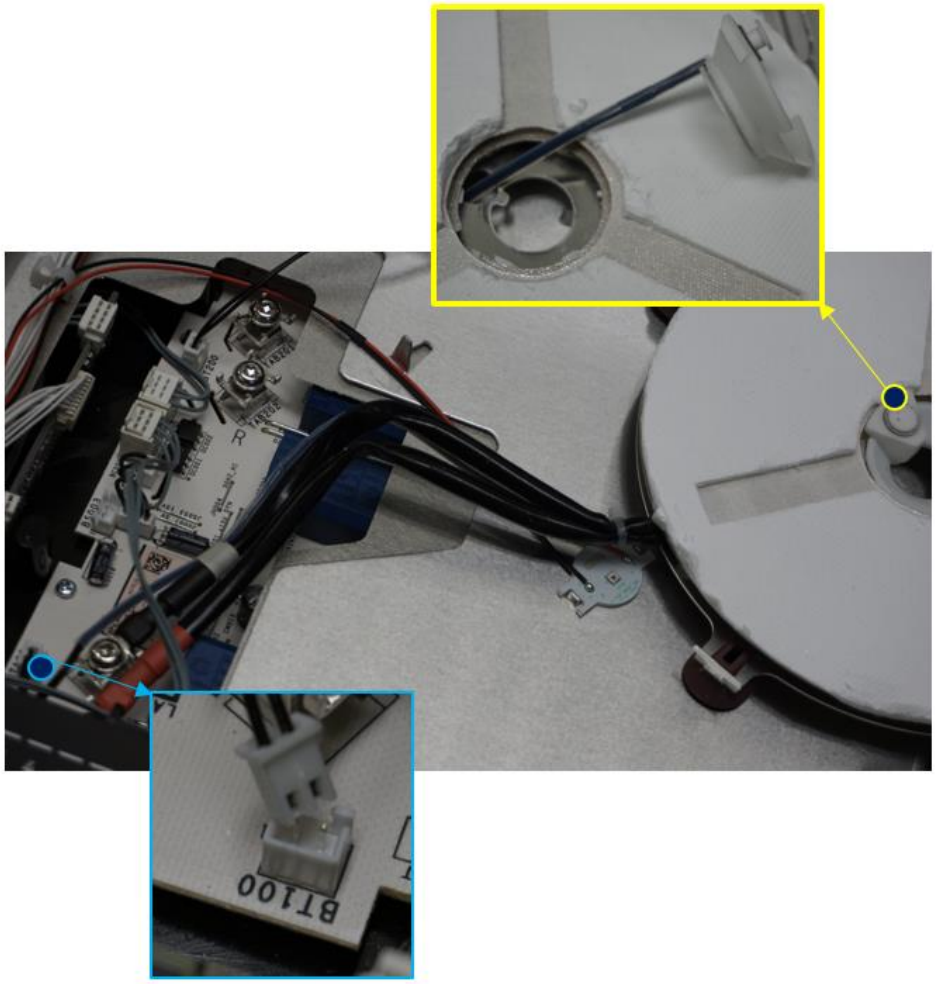
- Disconnect the Rast connector
- PCB fixed with double side tape

5.3.2 Bar LED

- Disconnect the Bar LED connector
- Lift the bar from the pin
- Lift the coils and release the wires

- If needed to disconnect the LED bar connections

5.4 Temperature sensor

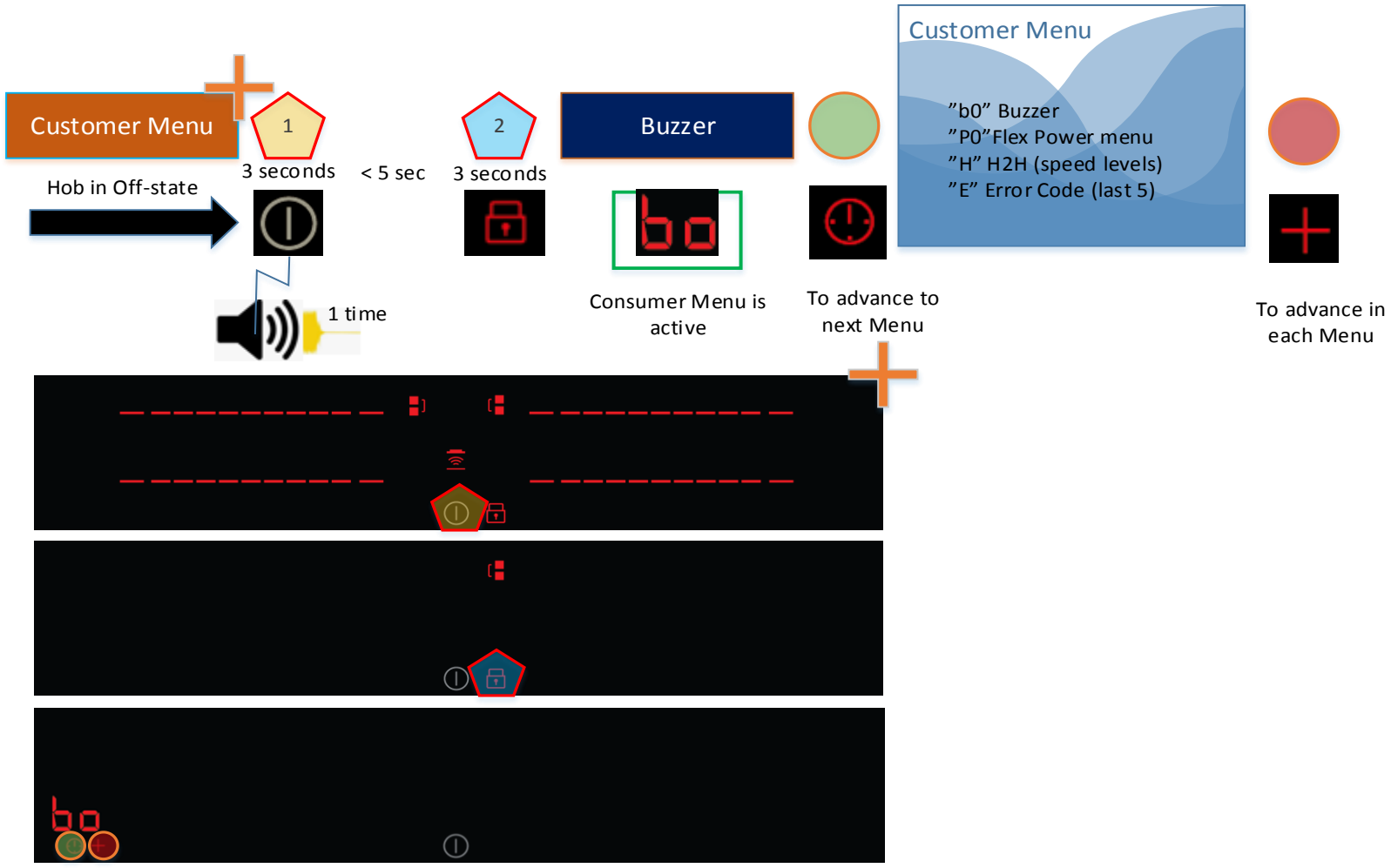


Cut the wire tags and lift the coil from the locating pins

- Unsnap the sensor connector
- Pull the Sensor Silicon from the coil

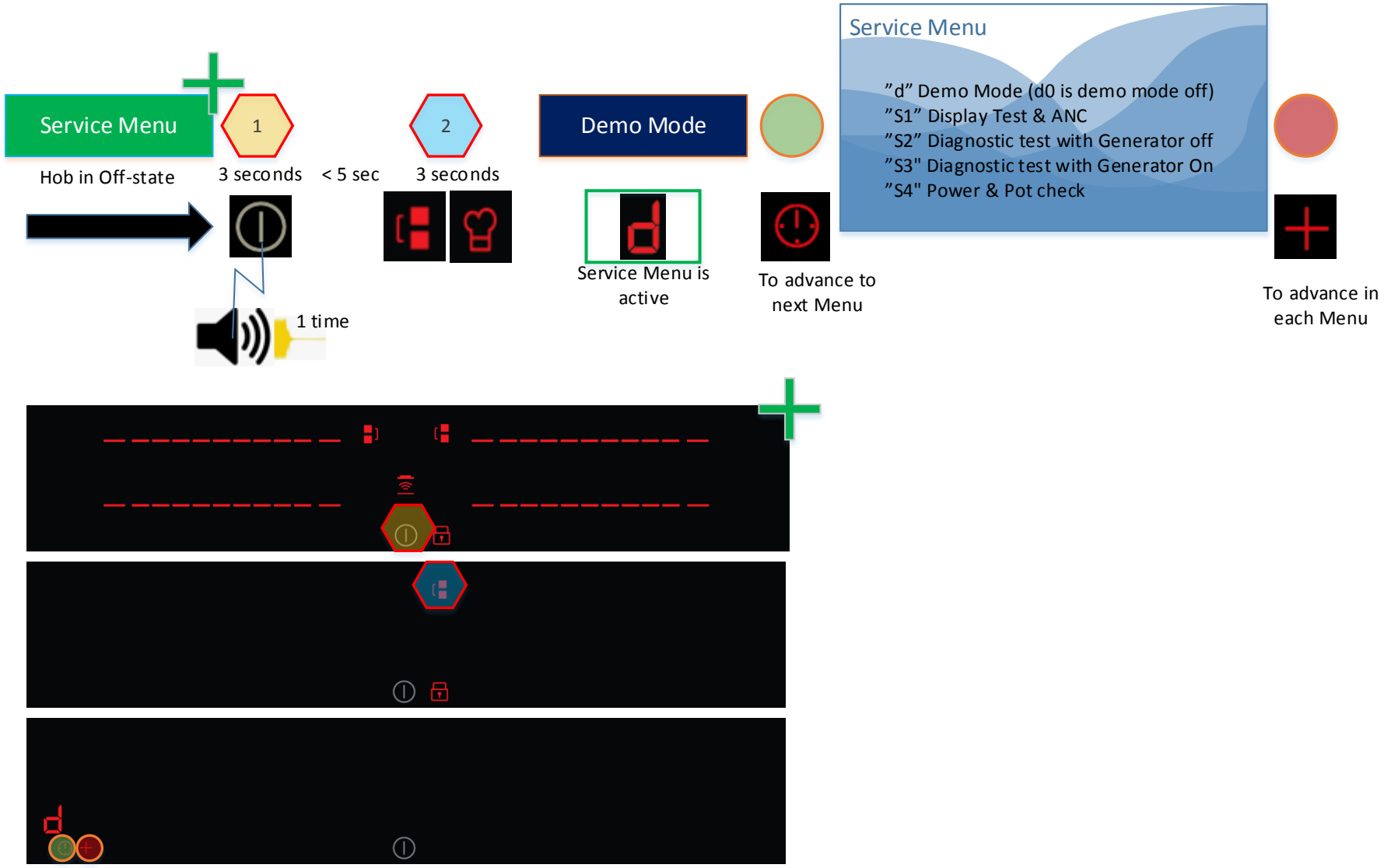
6 MENU MODE

6.1 Consumer Menu



Consumer mode deactivation: In 10sec. automatically this Mode is deactivated, if no keys touched.

6.2 Service Menu



Service menu deactivation: In 10sec. automatically this Mode is deactivated, if no keys touched.