

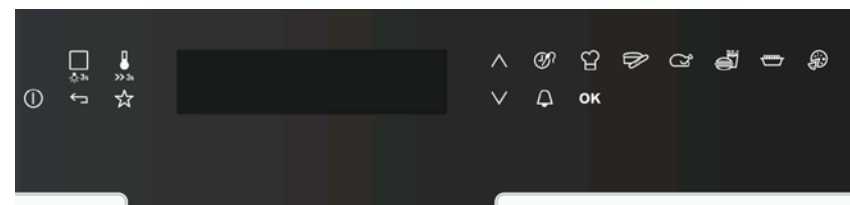


SERVICE MANUAL

COOKING

OVEN User Interface

VCU & VCU+



FOR INTERNAL AND PARTNERS USE ONLY

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Consumer Service - EMEA
Quality & Continuous Improvement - Technical Support

EN

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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 with information regarding: **Electro mechanical Ovens** with the User Interface Hexagon Touch. With reference to the Hexagon Button Service manual 599737823

Document Revisions

Rev.	Date	Description	Author
00	12/2017	Document creation	BSP

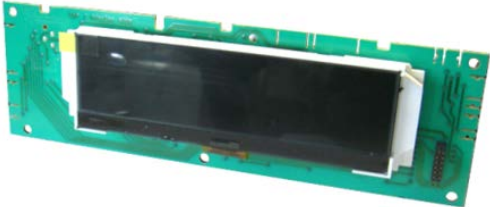
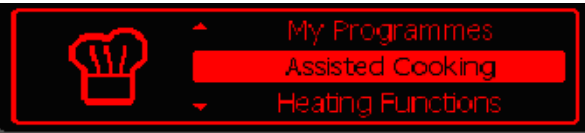

2 SAFETY











- 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 VCU (VISION COOKING UPDATE)



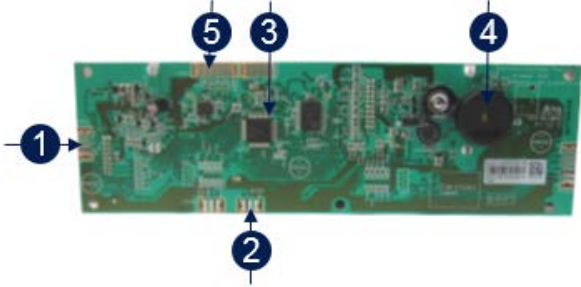
3.1 VCU Display

VCU Front View	VCU Text Display	VCU PCB Configuration
 A photograph of the VCU front view, showing a green printed circuit board with a black LCD display mounted on it.	 A screenshot of the VCU text display. It features a red chef's hat icon on the left. To the right, there is a menu with three items: "My Programmes", "Assisted Cooking" (highlighted in red), and "Heating Functions". Up and down arrow icons are positioned to the left of the menu items.	 A photograph of the VCU PCB configuration. The board is green and populated with various components. Four numbered callouts (1, 2, 3, 4) point to specific components: 1 points to the power board, 2 to the MACS-Sidekick, 3 to the processor, and 4 to the buzzer. <ul data-bbox="1384 695 1733 831" style="list-style-type: none">1. Power board OVC30002. MACS-Sidekick3. Processor4. Buzzer



3.2 VCU Touch Electronics

Brand	Type of Electronics	Touch Board
	Millenium 15 Smart Shuttle	
	Shuttle	
	Touch Horizontal	
	Touch Smart	
	Touch Side	
	Millenium 15 Touch Horizontal	

3.3 VCU+ (Vision Cooking Update)

VCU+ Front View	VCU+ Text Display	VCU+ PCB Configuration
		 <ol style="list-style-type: none"> 1. Power supply 5V DC 2. SideKick 3. Processor 4. Buzzer 5. Factory Programming

3.4 VCU+ Touch Electronics

Brand	Type of Electronics	Touch Board
	Touch Horizontal	

4 VCU DEMO MODE

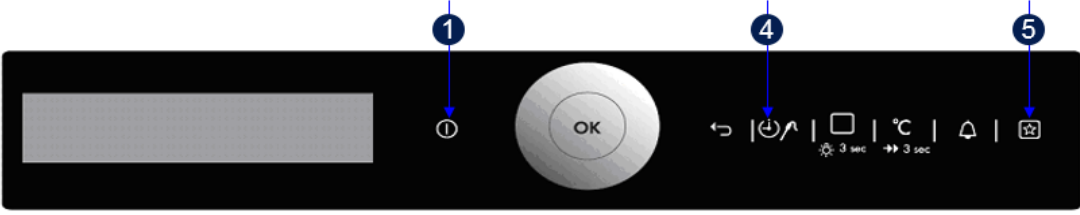



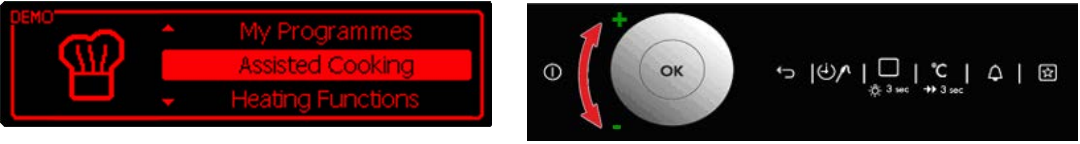


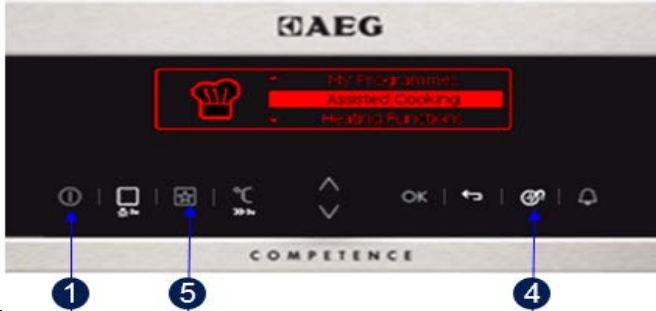

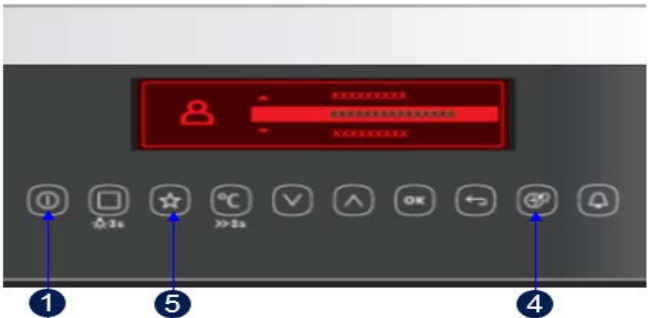
* Activate Demo Mode: The appliance is in Off-State







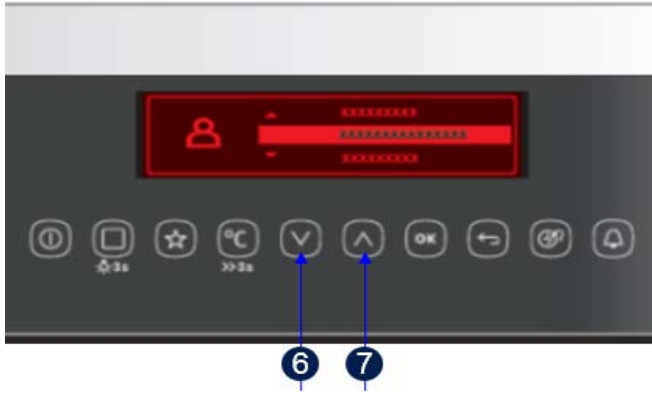
**All heating elements and the hot air ventilators are deactivated

***Deactivate Demo Mode: Use the same procedure to deactivate

Activate Demo Via Touch	User Interface	
<p>Press the On/Off key (1) as long as the display shows the on-state again. Buzzer sounds.</p> <p>Press simultaneously the Baking (2) key and the Pizza (3) key for approximately 2 seconds.</p> <p>On the display appears DEMO</p>		VCU Shuttle Smart

<p>Activate Demo Via Touch</p>	<p>User Interface</p>		<p>V/CU Shuttle</p>
<p>Press the On/Off key (1) as long as the display shows the on-state again. Buzzer sounds.</p> <p>Press simultaneously the Menu (4) key and the Memory (5) key for approximately 2 seconds.</p> <p>On the display appears DEMO</p>			
<p>Activate Demo Via Menu</p>	<p>User Interface</p>		
<p>1. Switch on the appliance</p>			
<p>2. Select "Basic Settings" and Press OK</p>			
<p>3. Select "Demo Mode" and Press OK</p>			
<p>4. Select "On" and Press Ok</p>			
<p>5. Insert the activation code → 2 : 4 : 6 : 8 Choose the number using the shuttle " + , - " and press OK</p>			

Activate Demo Via Touch	User Interface		
<p>Press the On/Off key (1) as long as the display shows the on-state again. Buzzer sounds.</p> <p>Press simultaneously the Memory (5) key and the Menu (4) key for approximately 2 seconds.</p> <p>On the display appears DEMO</p>	<p>AEG</p>		<p>VCU Touch</p>
	<p>Electrolux</p>		
	<p>Millenium 15</p>		

Activate Demo Via Menu	User Interface	
<ol style="list-style-type: none"> Switch on the appliance Select "Basic Settings" and Press OK  Select "Demo Mode" and Press OK  Select "On" and Press Ok   Insert the activation code → 2 : 4 : 6 : 8 Choose the number using the touch " 6 , 7 " keys and press OK 	<p>AEG</p> <p>Electrolux</p> <p>Millenium 15</p>	  

VCU Touch

5 VCU SERVICE MODE

*To **activate service mode**: Disconnect the appliance once from the power supply

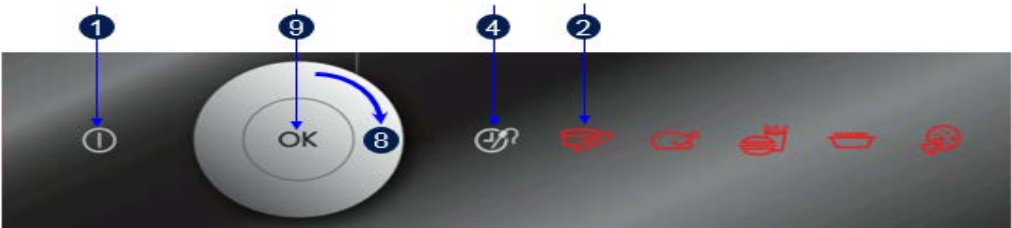
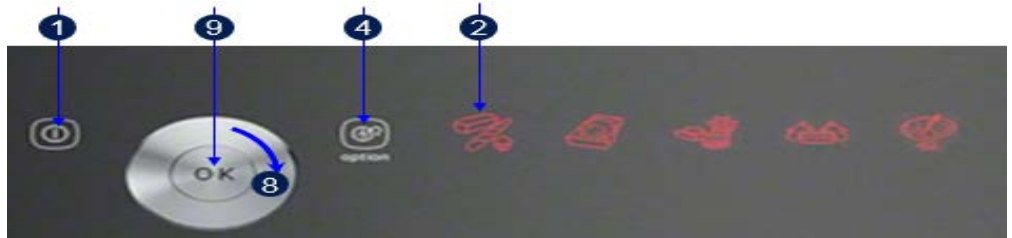
****Initial operation or new user interface (service call)**: The activation of service mode can only be done, while no language is set

*****Appliance in operating**: The activation of service mode can only be done, while the software appears

****During the service mode, it **isn't** necessary to use the food probe sensor to continue

*******Deactivate service mode**: After the service mode process, disconnect the appliance from the power supply

*****Fill up the Water tank for steam Ovens

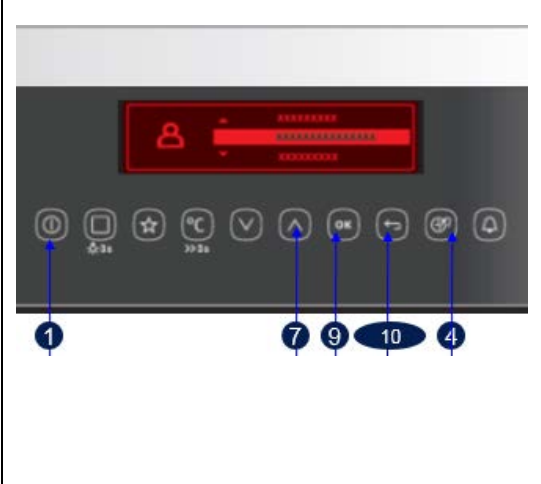
Service mode	User Interface	
<p>Switch on the appliance (1)</p> <p>Touch Simultaneously the Menu (4) key and the Baking (2) key for approximately 2 seconds. Buzzer sounds</p> <p>By turning the Shuttle up (8), the components and the heating elements are activated.</p> <p>By touching the OK (9) key, the next test phase will be active.</p>		VCU Shuttle Smart
		

Switch on the appliance (1)

Touch Simultaneously the Home (10) key and the Menu (4) key for approximately 2 seconds. Buzzer sounds

By touching the Up key (7), the components and the heating elements are activated.

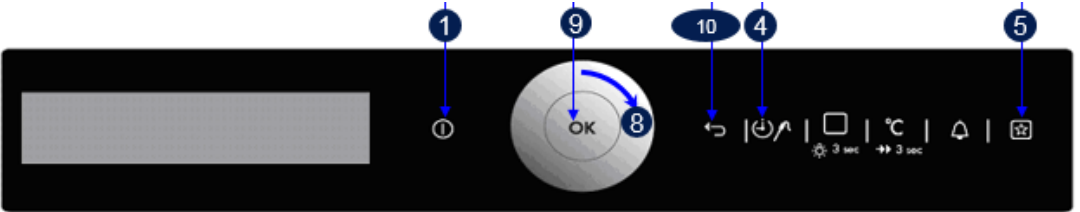
By touching the OK (9) key, the next test phase will be active.








*To **activate service mode**: This test can only be activated as long as manufacturer logo is displayed.

**It is always important to control all test points, to continue and change to the new test phase.

*******Deactivate service mode**: Once the display appears "Factory test done", disconnect the appliance from the power supply

Service mode	User Interface	
<p>Switch on the appliance (1)</p> <p>Touch Simultaneously the Home (10) key and the Menu (4) key for approximately 2 seconds. Buzzer sounds</p> <p>By turning the Shuttle up (8), the functions are activated.</p> <p>By touching the OK (9) key, the next test phase will be active.</p>	 <p>The diagram shows a black control panel with a central silver 'OK' button and a 'Shuttle' knob. Numbered callouts indicate: 1 (power button), 9 (OK button), 8 (Shuttle knob), 10 (Home button), 4 (Menu button), and 5 (a button with a grid icon). The panel also features a display area, a temperature indicator, and a 3-second timer.</p>	VCU Shuttle

6 VCU+ DEMO MODE

Activate Demo Via Menu	User Interface	
<ol style="list-style-type: none"> Switch on the appliance Select "Basic Settings" and Press OK  Select "Demo Mode" and Press OK  Select "On" and Press Ok   Insert the activation code → 2 : 4 : 6 : 8 Choose the number using the touch " 6 , 7 " keys and press OK 	AEG	

VCU+ Touch

7 VCU+ SERVICE MODE

*To activate service mode: Disconnect the appliance once from the power supply

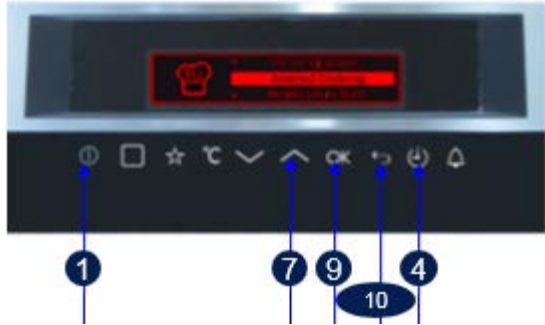
**Initial operation or new user interface (service call): The activation of service mode can only be done, while no language is set

***Appliance in operating: The activation of service mode can only be done, while the software appears

****During the service mode, it **isn't** necessary to use the food probe sensor to continue

*****Deactivate service mode: After the service mode process, disconnect the appliance from the power supply

*****Fill up the Water tank for steam Ovens

Service mode	User Interface	
<p>Switch on the appliance (1)</p> <p>Touch Simultaneously the Home (10) key and the Menu (4) key for approximately 2 seconds. Buzzer sounds</p> <p>By touching the Up key (7), the components and the heating elements are activated.</p> <p>By touching the OK (9) key, the next test phase will be active.</p>		

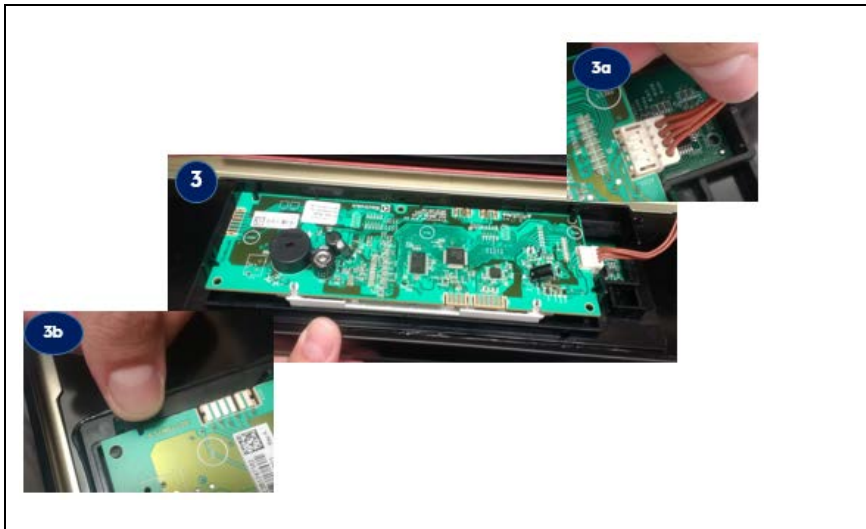
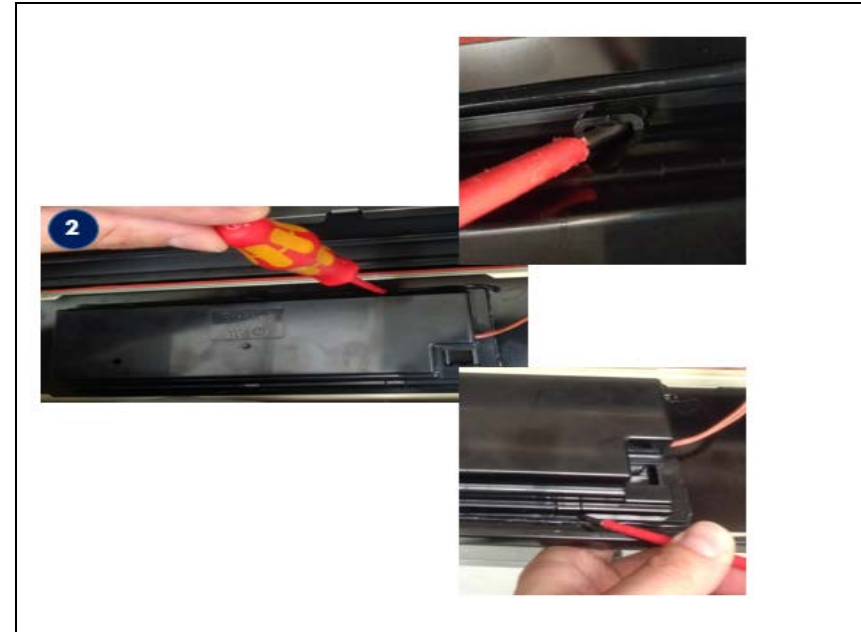
VCU Shuttle

8 ACCESSING VCU & VCU+



1. Open the command panel and access the User Interface

2. Unsnap the VCU Cover



- 3a. Remove the Rast connector from the PCB
- 3b. Unsnap the PCB from the plastic UI support

9 ERROR CODES

Refer 599793313 for error codes