

## De'Longhi EC230, EC235, EC260 Series

# De'Longhi Boiler Bottom Seal Kit Instruction Manual

For EC230, EC235, EC260 Series Espresso Coffee Machines

## 1. INTRODUCTION

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This manual provides essential instructions for the safe and correct installation and maintenance of the De'Longhi Boiler Bottom Seal Kit. This kit is an original replacement part designed to restore optimal performance to compatible De'Longhi espresso coffee machines. Please read this manual thoroughly before proceeding with any installation or maintenance.

## 2. SAFETY INFORMATION

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- **Always disconnect the coffee machine from the power supply** before attempting any installation, maintenance, or cleaning. Failure to do so can result in electric shock.
- Allow the coffee machine to **cool down completely** before handling any internal components. Hot surfaces can cause burns.
- Use only **original De'Longhi replacement parts** to ensure compatibility and proper function.
- If you are unsure about any step or lack the necessary tools or expertise, consult a qualified technician or De'Longhi customer support.
- Keep small components out of reach of children.

## 3. PACKAGE CONTENTS

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Verify that all components listed below are present in your kit:

- 1x Boiler Bottom Group (includes bottom spray filter, locking pins, and spring valve)
- 1x Sealing Ring (orange O-ring)
- 4x Mounting Screws (black)
- 4x Hexagonal Nuts (silver)
- 1x Washer



**Figure 1:** De'Longhi Boiler Bottom Seal Kit components. This image displays all components included in the kit: the main boiler bottom group with a brass central tube, an orange rubber O-ring, four black mounting screws, and four silver hexagonal nuts with a single washer.

## 4. INSTALLATION

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Follow these general steps for replacing the boiler bottom seal kit. For detailed disassembly and reassembly instructions specific to your coffee machine model, refer to its official service manual.

1. **Preparation:** Ensure the coffee machine is unplugged from the power outlet and has completely cooled down.
2. **Access Boiler:** Carefully disassemble the coffee machine casing to gain access to the boiler assembly. Document the steps or take photos to aid reassembly.
3. **Remove Old Components:** Locate the existing boiler bottom group. Carefully unfasten any screws or clips holding it in place and remove the old boiler bottom group and its sealing ring.
4. **Clean Area:** Thoroughly clean the area where the new seal and boiler bottom group will be seated. Remove any coffee residue or scale buildup.
5. **Install New Sealing Ring:** Place the new orange sealing ring onto the new boiler bottom group, ensuring it is seated correctly in its groove.

6. **Position New Boiler Bottom Group:** Carefully position the new boiler bottom group, with the sealing ring, bottom spray filter, locking pins, and spring valve, into its designated place within the boiler assembly.
7. **Secure Components:** Use the provided black mounting screws and silver hexagonal nuts to secure the new boiler bottom group. Ensure they are tightened evenly to create a proper seal, but do not overtighten.
8. **Reassemble Machine:** Reassemble the coffee machine casing, ensuring all connections are secure and no wires are pinched.
9. **Test Run:** Before brewing coffee, perform a test run with water only. Fill the water tank and run a few cycles to check for any leaks around the boiler area. If leaks are detected, disconnect power, allow to cool, and re-check the installation.

## 5. MAINTENANCE

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Proper maintenance ensures the longevity and performance of your boiler bottom seal kit:

- **Regular Inspection:** Periodically inspect the sealing ring for signs of wear, cracks, hardening, or deformation. A worn seal can lead to leaks and reduced performance.
- **Replacement:** Replace the seal kit if any leaks are detected from the boiler area or if the seal appears compromised during inspection. The lifespan of seals can vary depending on usage and water quality.
- **Cleaning:** When performing routine descaling or cleaning of your coffee machine, ensure the boiler bottom group and spray filter are free from coffee grounds or scale buildup. Use mild, non-abrasive cleaning solutions.

## 6. TROUBLESHOOTING

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If you encounter issues after installing the kit, consider the following:

- **Leakage from Boiler Area:**
  - Ensure the sealing ring is correctly seated and not twisted or pinched.
  - Verify that the mounting screws are tightened evenly and securely.
  - Inspect the sealing ring for any damage that might have occurred during installation.
- **Poor Coffee Extraction or Flow:**
  - Check if the bottom spray filter is clean and free from obstructions.
  - Ensure the spring valve within the boiler bottom group is functioning correctly and not stuck.

## 7. SPECIFICATIONS

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- **Brand:** De'Longhi
- **Product Type:** Boiler Bottom Seal Kit (Replacement Part)
- **Compatible Models:** EC230.BK, EC235.BK, EC235J-BK, EC260.BK, EC260.CR, EC260.GR, EC260.W, EC260BK, EC265C, ECP3620
- **Approximate Product Dimensions:** 12.5 x 9 x 11.5 cm
- **Approximate Product Weight:** 280 g
- **Material:** Metal (boiler group), Rubber (sealing ring)

## 8. WARRANTY AND SUPPORT

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For warranty information regarding this replacement part, please refer to your original coffee machine's

documentation or contact De'Longhi customer support directly. For technical assistance, troubleshooting beyond this manual, or to locate authorized service centers, please visit the official De'Longhi website or contact their customer service department.

**De'Longhi Official Website:** [www.delonghi.com](http://www.delonghi.com)