

## De'Longhi EO12562, EO12012, EO14902, EO14552, EOP2046

# De'Longhi Lower Heating Element Kit Instruction Manual

Models: EO12562, EO12012, EO14902, EO14552, EOP2046

[Information](#)   [Installation](#)   [Operation](#)   [Maintenance](#)   [Introduction](#)   [Safety](#)   [Troubleshooting](#)   [Specifications](#)   [Compatibility](#)   [Support](#)

### 1. INTRODUCTION

This document provides essential information for the installation and use of the De'Longhi original lower heating element replacement kit. This kit is designed to restore the heating functionality of compatible De'Longhi electric mini ovens. Please read these instructions carefully before proceeding with installation or use.

This kit includes the lower heating element and associated components necessary for replacement. It is crucial to ensure compatibility with your specific oven model before attempting installation.

### 2. SAFETY INFORMATION

**WARNING: Risk of electric shock and injury.**

- Always disconnect the oven from the main power supply before attempting any installation, maintenance, or repair.
- Installation should only be performed by a qualified technician or an individual with sufficient electrical and appliance repair knowledge.
- Wear appropriate personal protective equipment, including gloves and eye protection.
- Ensure all connections are secure and correctly installed to prevent electrical hazards.
- Do not operate the oven if any part of the heating element or wiring appears damaged.
- Keep children and pets away from the appliance during installation and repair.

### 3. INSTALLATION

#### 3.1. Required Tools

Before beginning, ensure you have the following tools:

- Screwdrivers (Phillips and flathead)
- Pliers
- Multimeter (for testing electrical connections, optional but recommended)

- Work gloves

### 3.2. Pre-Installation Steps

1. **Disconnect Power:** Unplug the oven from the electrical outlet or switch off the circuit breaker supplying power to the oven. Verify power is off using a multimeter if available.
2. **Access Oven Interior:** Open the oven door. Depending on your oven model, you may need to remove the oven racks or other internal components to gain clear access to the lower heating element.
3. **Locate Existing Element:** Identify the lower heating element. Note how it is secured and connected. It is often held in place by screws or clips at the back or sides of the oven cavity.

### 3.3. Removing the Old Heating Element

1. **Remove Fasteners:** Unscrew any screws or release clips holding the old heating element in place.
2. **Disconnect Wiring:** Carefully pull the element forward a few inches to expose the electrical terminals at the back. Disconnect the wires from the element terminals. It is recommended to take a photo of the wiring configuration before disconnecting to aid reassembly.
3. **Extract Element:** Gently pull the old heating element out of the oven cavity.

### 3.4. Installing the New Heating Element

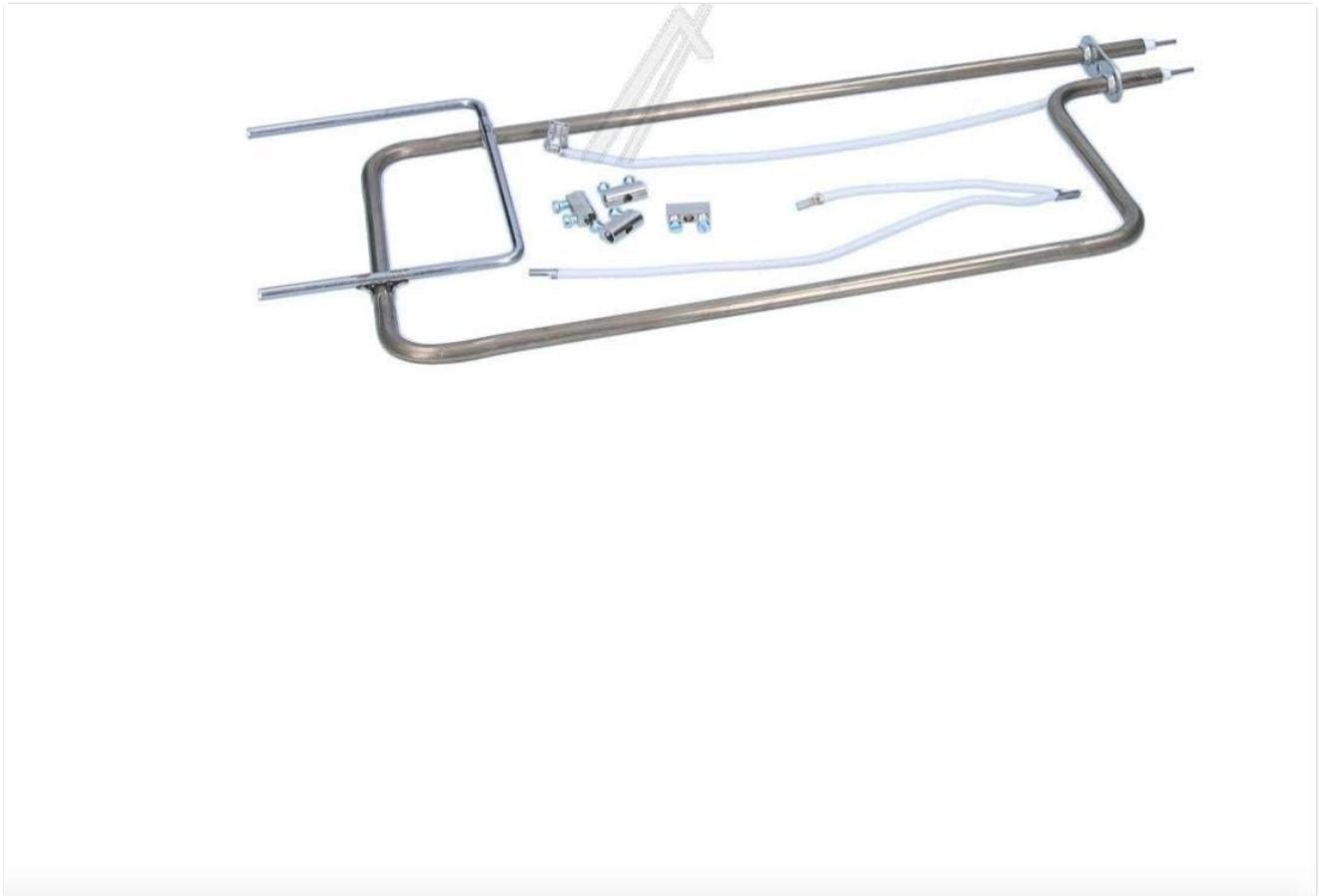


Figure 1: De'Longhi Lower Heating Element Kit. This image displays the new lower heating element, which is a metallic, U-shaped tube, along with several smaller connection components and white wires. The main element is long and curved, designed to fit into the base of an oven.

1. **Insert New Element:** Carefully slide the new De'Longhi lower heating element into the oven cavity, ensuring the terminals align with the access holes at the back.
2. **Connect Wiring:** Reconnect the electrical wires to the terminals of the new heating element. Refer to the photo taken during disassembly to ensure correct wiring. Ensure connections are tight and secure.
3. **Secure Element:** Push the element fully into place and secure it with the screws or clips removed earlier. Ensure it is firmly seated and does not wobble.
4. **Reassemble Oven:** Replace any oven racks or internal components that were removed.

5. **Restore Power:** Plug the oven back into the electrical outlet or switch on the circuit breaker.

### 3.5. Post-Installation Check

After installation, perform a test run:

- Set the oven to a low temperature (e.g., 100°C or 200°F) and observe if the lower element begins to heat evenly.
- Listen for any unusual noises or detect any burning smells (a slight smell during the first use is normal as manufacturing residues burn off).
- If the element does not heat or if there are any concerns, immediately disconnect power and refer to the Troubleshooting section.

## 4. OPERATION

The lower heating element is an integral component of your De'Longhi electric mini oven's heating system. Once correctly installed, it operates automatically as part of the oven's normal functions, providing heat for baking and roasting as controlled by the oven's thermostat and settings. No direct user interaction with the heating element itself is required for operation. Refer to your specific De'Longhi oven's user manual for detailed operating instructions, temperature settings, and cooking modes.

## 5. MAINTENANCE

The lower heating element itself requires no specific maintenance. Its lifespan is generally determined by usage and electrical conditions. To ensure optimal performance and longevity of your oven and its components:

- **Regular Oven Cleaning:** Keep the oven interior clean from food spills and grease buildup. Always ensure the oven is cool and disconnected from power before cleaning.
- **Avoid Physical Damage:** Be careful not to strike or damage the heating element with cookware or cleaning tools.
- **Professional Inspection:** If you notice any signs of wear, discoloration, or reduced heating performance, it is advisable to have the oven inspected by a qualified technician.

## 6. TROUBLESHOOTING

If your oven is not functioning correctly after replacing the lower heating element, consider the following common issues:

Problem	Possible Cause	Solution
Oven does not heat at all.	No power to the oven. Loose or incorrect wiring connection to the new element. Faulty new heating element (rare).	Check power outlet and circuit breaker. Disconnect power and re-check all wiring connections. Test the element for continuity with a multimeter (if qualified).
Lower element does not glow or heat.	Loose or incorrect wiring connection. Faulty thermostat or selector switch (not related to element installation).	Disconnect power and re-check wiring. If wiring is correct, consult a qualified technician for further diagnosis of oven controls.

Problem	Possible Cause	Solution
Uneven heating.	Element not fully seated or secured. Other oven components affecting heat distribution.	Disconnect power and ensure the element is properly installed and secured. Refer to your oven's original manual or contact De'Longhi service.

If troubleshooting steps do not resolve the issue, or if you are unsure about any repair, it is strongly recommended to contact a qualified appliance repair technician or De'Longhi customer support.

## 7. SPECIFICATIONS

- **Product Type:** Original De'Longhi Lower Heating Element Kit
- **Part Number:** Refer to compatible models list for specific part numbers (e.g., 0118442317, 0118440219, etc.)
- **Dimensions (Approximate):** 36.5 cm (L) x 0.5 cm (W) x 17 cm (H)
- **Weight (Approximate):** 170 grams
- **Components Included:** Lower heating element, associated wiring and connectors.
- **Material:** Metallic heating tube (typically stainless steel or similar alloy)

## 8. COMPATIBLE MODELS

This De'Longhi original lower heating element kit is compatible with the following De'Longhi electric mini oven models:

- **De'Longhi SFORNATUTTO MINI EO12562** (Reference: 0118442317)
- **De'Longhi SFORNATUTTO MINI EO12012** (Reference: 0118440219, 0118440220)
- **De'Longhi SFORNATUTTO CLASSIC EO14902.W** (Reference: 0118446307)
- **De'Longhi SFORNATUTTO CLASSIC EO14552.W** (Reference: 0118444207)
- **De'Longhi SFORNATUTTO CLASSIC EO14902.S** (Reference: 0118446308, 0118446309)
- **De'Longhi SFORNATUTTO MINI EO12562.S** (Reference: 0118442320)
- **De'Longhi EOP2046** (Reference: 0118450205, 0118450208, 0118450206, 0118450209)

*Note: Always verify the compatibility with your specific oven model number before purchase and installation. If your model is not listed, contact De'Longhi customer support for assistance.*

## 9. CUSTOMER SUPPORT & WARRANTY

### 9.1. Customer Support

For technical assistance, spare parts inquiries, or further information regarding your De'Longhi appliance, please visit the official De'Longhi website or contact their customer service department in your region. Have your oven's model number and serial number ready when contacting support.

### 9.2. Warranty Information

This replacement part is covered by the manufacturer's warranty, typically for a limited period against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the documentation provided with your original

De'Longhi appliance or contact the seller from whom you purchased this replacement kit. Installation by an unauthorized person may void your appliance's warranty.