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› PowerParts Oven Bottom Heating Element 1150W 230V Instruction Manual

PowerParts 481010551720, C00319574

PowerParts Oven Bottom Heating Element 1150W 230V Instruction Manual

Model Numbers: 481010551720, C00319574

1. INTRODUCTION

This manual provides essential information for the safe and correct installation, operation, and maintenance of your PowerParts Oven Bottom Heating Element. This component is designed as a replacement part for various oven models from brands including Whirlpool, Ikea, Bauknecht, Ignis, Hotpoint, Ariston, Indesit, and Laden. Please read these instructions thoroughly before proceeding with installation or any related procedures.

2. SAFETY INFORMATION

WARNING: Electrical shock hazard. Always disconnect power to the oven at the circuit breaker or fuse box before attempting any installation, maintenance, or repair. Failure to do so can result in serious injury or death.

- Installation should only be performed by a qualified technician or a person with adequate electrical knowledge.
- Wear appropriate personal protective equipment, including gloves and eye protection.
- Ensure the replacement part matches the specifications of the original part.
- Inspect the new heating element for any damage before installation. Do not install a damaged element.
- Keep children and pets away from the work area.

3. PRODUCT OVERVIEW

The PowerParts Oven Bottom Heating Element is a critical component responsible for generating heat from the bottom of the oven cavity. It operates at 1150W and 230V. This element is designed for durability and efficient heat distribution.



Figure 1: Full view of the PowerParts Oven Bottom Heating Element. This image shows the overall shape and design of the heating element, including its terminals and support brackets.

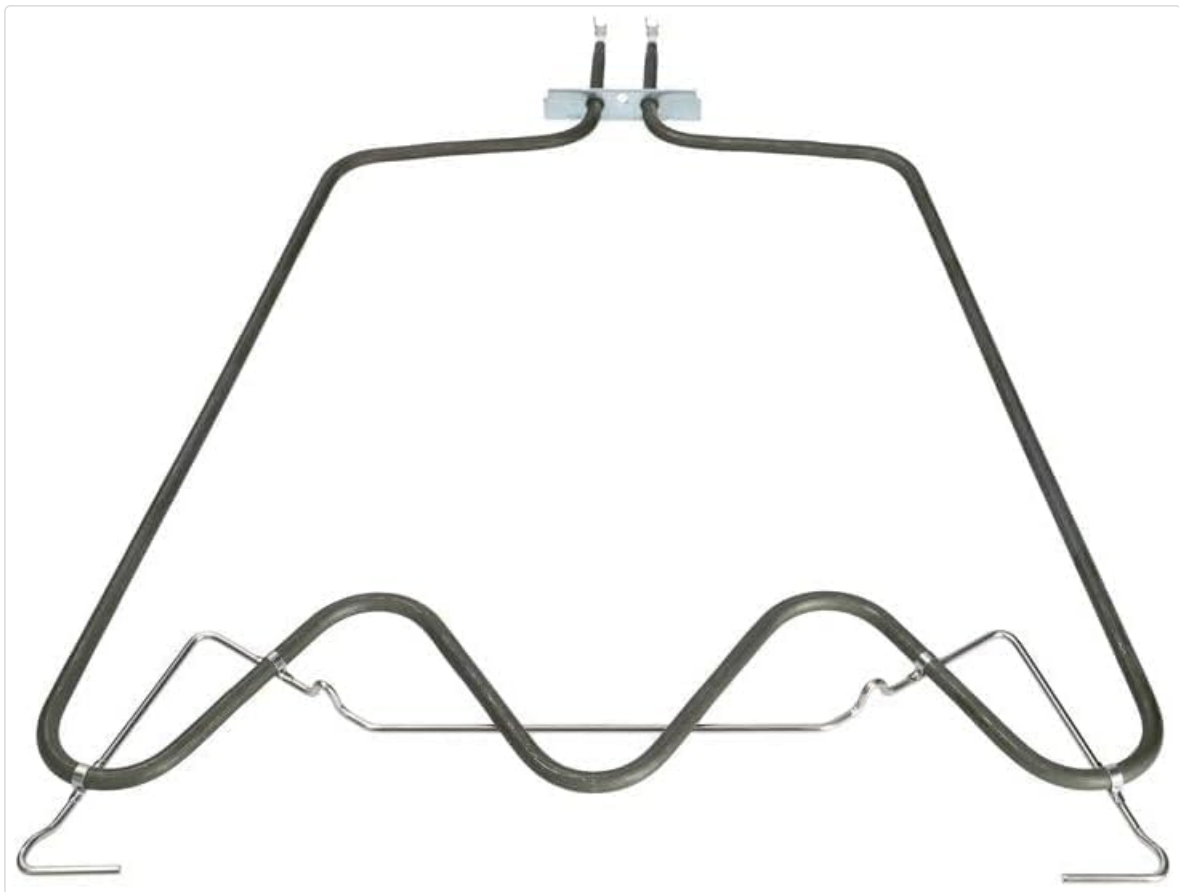


Figure 2: Angled view of the heating element, highlighting its curved structure and mounting points.

4. COMPATIBILITY

This heating element is compatible with a wide range of oven models. Please verify your oven's model number against the list below or cross-reference with the part numbers 481010551720 or C00319574.

Compatible Brands:

- Whirlpool
- Ikea
- Bauknecht
- Ignis
- Hotpoint
- Ariston
- Indesit
- Laden

For specific compatible models, refer to the product description or consult your oven's service manual. Examples include Whirlpool AKZ series, Ikea OVR series, and Hotpoint FI series.

5. INSTALLATION GUIDELINES

This section provides general guidelines for replacing an oven bottom heating element. Specific steps may vary depending on your oven model. Always refer to your oven's service manual for detailed instructions.

Required Tools:

- Screwdriver (Phillips or flathead, depending on oven)

- Pliers
- Work gloves
- Multimeter (optional, for testing)

Installation Steps:

1. **Disconnect Power:** Locate your oven's circuit breaker and turn off the power. Verify power is off using a non-contact voltage tester or by attempting to turn on the oven.
2. **Access Oven Interior:** Open the oven door. Remove any oven racks or other obstructions.
3. **Locate Old Element:** The bottom heating element is typically secured by screws at the front or rear of the oven cavity.
4. **Remove Old Element:** Unscrew the mounting screws. Carefully pull the element forward a few inches to expose the electrical terminals. Note the wiring connections (take a photo if necessary). Disconnect the wires from the old element.
5. **Install New Element:** Connect the wires to the terminals of the new PowerParts heating element. Ensure connections are secure.



Figure 3: Close-up view of the electrical terminals on the heating element. Ensure wires are securely connected to these points during installation.

6. **Secure Element:** Carefully push the new element into place, ensuring it sits correctly in its mounting brackets. Secure it with the screws removed earlier.
7. **Restore Power:** Close the oven door. Restore power at the circuit breaker.
8. **Test Functionality:** Turn on the oven to a low bake setting and observe if the new element heats up properly. A new element may produce a slight odor or smoke during its first use; this is normal and should dissipate quickly.

If you encounter any difficulties or are unsure about any step, consult a professional appliance repair technician.

6. OPERATING INSTRUCTIONS

As a component part, the PowerParts Oven Bottom Heating Element operates automatically as part of your oven's heating system. Once installed, its function is controlled by the oven's thermostat and control panel. No direct user operation of the element itself is required.

- Set your oven to the desired temperature and cooking mode (e.g., Bake).
- The oven's control system will activate the heating element to reach and maintain the set temperature.
- Monitor your oven's performance after replacement to ensure proper heating.

7. MAINTENANCE

The PowerParts Oven Bottom Heating Element is designed to be maintenance-free. However, general oven maintenance can help prolong the life of all components, including the heating element.

- **Regular Cleaning:** Keep the oven interior clean to prevent grease and food spills from accumulating on or around the heating element. Excessive buildup can affect performance and potentially cause damage.
- **Avoid Physical Damage:** Be careful when placing or removing oven racks and bakeware to avoid striking the heating element, which can cause it to bend or break.
- **Inspection:** Periodically inspect the element for any visible signs of damage, such as cracks, blisters, or discoloration, which may indicate a need for replacement.

8. TROUBLESHOOTING

If your oven is not heating correctly after replacing the bottom element, consider the following troubleshooting steps:

- **No Heat from Bottom Element:**
 - Check if the oven is receiving power.
 - Verify that the circuit breaker has not tripped.
 - Ensure the electrical connections to the element are secure and not loose or corroded.
 - Inspect the element for visible breaks or damage.
 - If possible, test the element's continuity with a multimeter (requires electrical knowledge).
- **Uneven Heating:**
 - Ensure the element is correctly seated and not bent or obstructed.
 - Check if other heating elements (e.g., broiler) are functioning correctly.
 - The oven's thermostat or temperature sensor might be faulty (requires professional diagnosis).
- **Burning Smell:**
 - A slight odor is normal for the first few uses of a new element.
 - Ensure there are no food spills or debris on the element. Clean the oven if necessary.
 - If the smell persists or is strong, disconnect power and inspect for any wiring issues or melting components.

For persistent issues, it is recommended to contact a certified appliance repair technician.

9. SPECIFICATIONS

Feature	Specification
Device Type	Oven/Cooker Component
Technology	Bottom Heating Element
Power	1150W
Voltage	230V
Length	430 mm
Width	345 mm
Flange Length	70 mm
Flange Width	15 mm
Sensor Length	44 mm
Connection Distance	25 mm
Immersion Depth	381 mm
Reference Numbers	481010551720, C00319574
Other Reference Numbers	8333R611, 7016R399, 400010653188

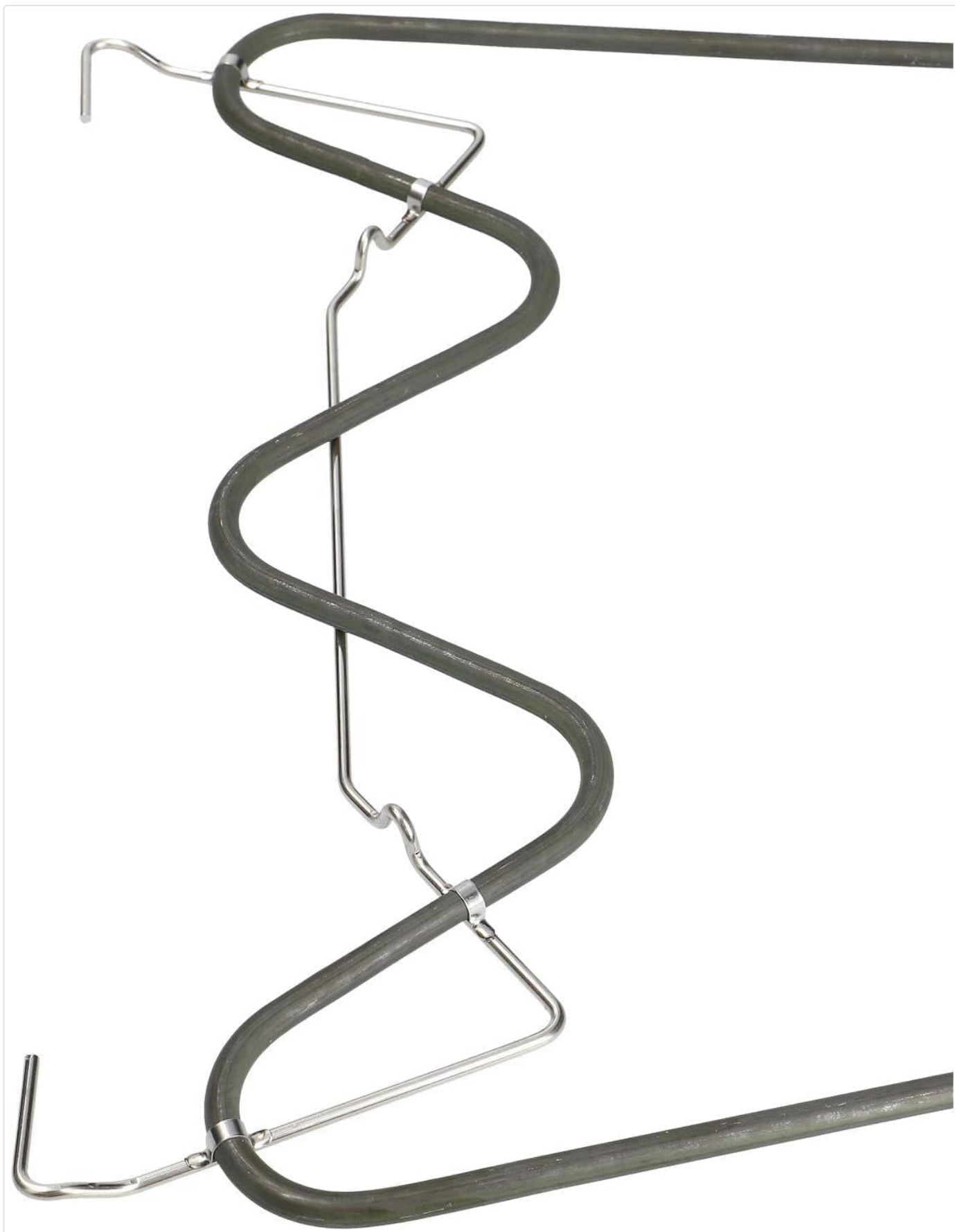


Figure 4: Detailed view of the heating element's structure, showing the bends and support brackets that help maintain its shape within the oven cavity.

10. WARRANTY AND SUPPORT

Information regarding specific warranty terms for this PowerParts component is not provided in the product details. Please refer to your purchase documentation or contact the retailer for warranty information.

For technical support or further assistance, please contact PowerParts customer service or consult a qualified appliance repair professional.