

Whirlpool W11517959

Whirlpool W11517959 10-inch Electric Range Radiant Surface Element Replacement Part Instruction Manual

Model: W11517959

INTRODUCTION

This manual provides essential information for the Whirlpool W11517959 10-inch Electric Range Radiant Surface Element. This genuine OEM part is designed to supply heat to the cooking area on top of your flat range. Proper installation and maintenance are crucial for the safe and efficient operation of your appliance.

IMPORTANT SAFETY INFORMATION

WARNING: Disconnect power to the appliance before servicing. Failure to do so may result in electrical shock, fire, or personal injury.

- Appliance repair should only be performed by qualified technicians.
- Replacing this part may require advanced mechanical training, specialized tools, complex testing, and appliance calibration.
- Always wear appropriate personal protective equipment (PPE) during installation.
- Ensure all connections are secure and correctly installed before restoring power.

COMPATIBILITY

The W11517959 radiant surface element is compatible with various Whirlpool electric range models. Always verify compatibility with your appliance's manual or by consulting the manufacturer before purchasing and installing this part.

This part replaces the following part numbers:

- WPW10169799
- W10169799
- W10350485
- W10823729
- W10275048

- W11282542

Known compatible Whirlpool models include:

- WFE515S0ES
- WFE320M0ES
- WFE320M0JS
- WFE540H0ES
- WFE510S0AS

PART IDENTIFICATION

The Whirlpool W11517959 is a 10-inch radiant surface element. It consists of a coiled heating element encased in a ceramic base, designed to fit into the cooktop of compatible electric ranges. The element includes electrical terminals for connection to the range's wiring.

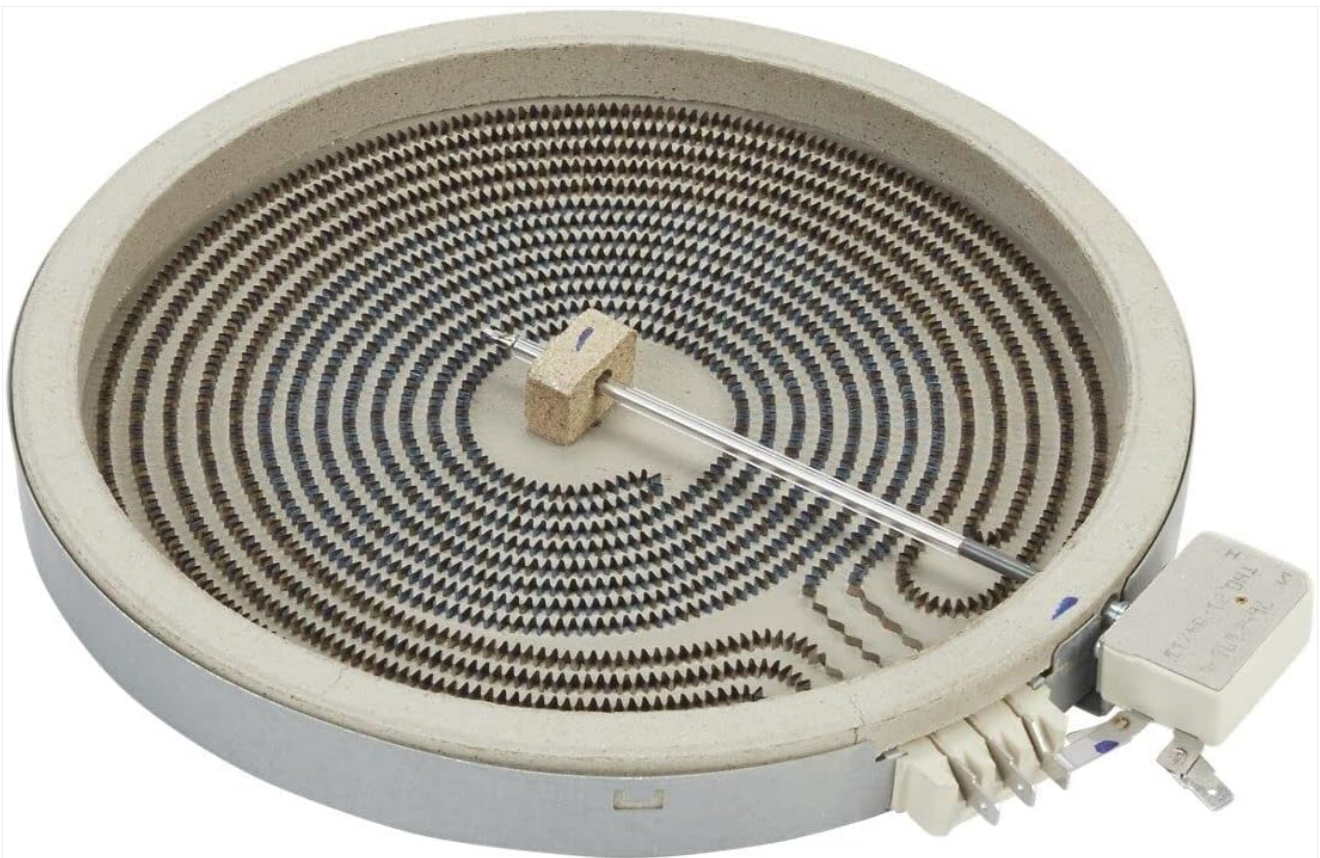


Figure 1: Top view of the Whirlpool W11517959 10-inch Electric Range Radiant Surface Element. This image shows the circular heating coil within its ceramic housing.



Figure 2: Overhead view of the radiant surface element, showing the full circular heating pattern and the central temperature sensor.



Figure 3: Bottom view of the radiant surface element, revealing the metal base and the electrical connection block.

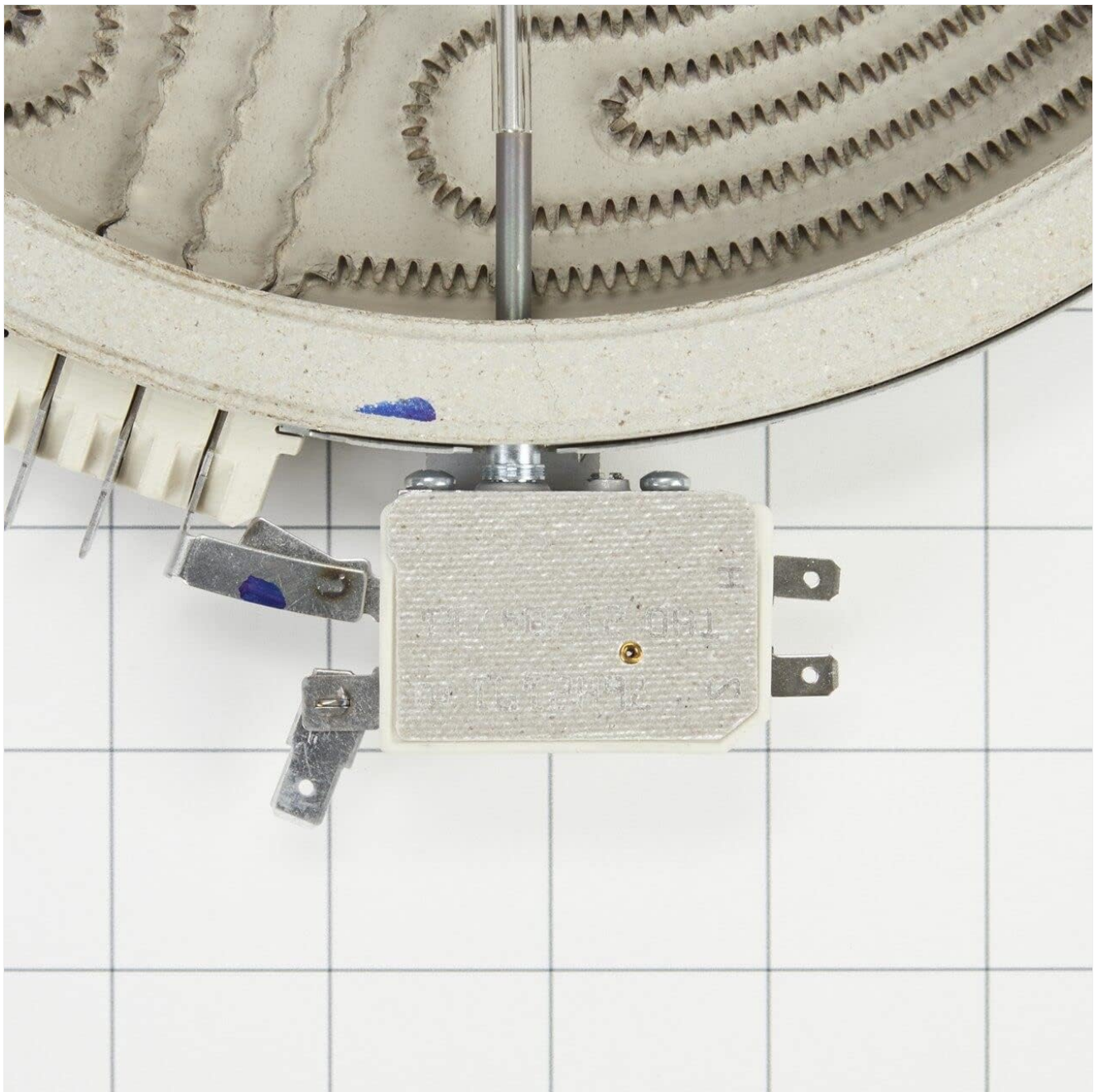


Figure 4: Close-up view of the electrical connection block and terminals on the radiant surface element.

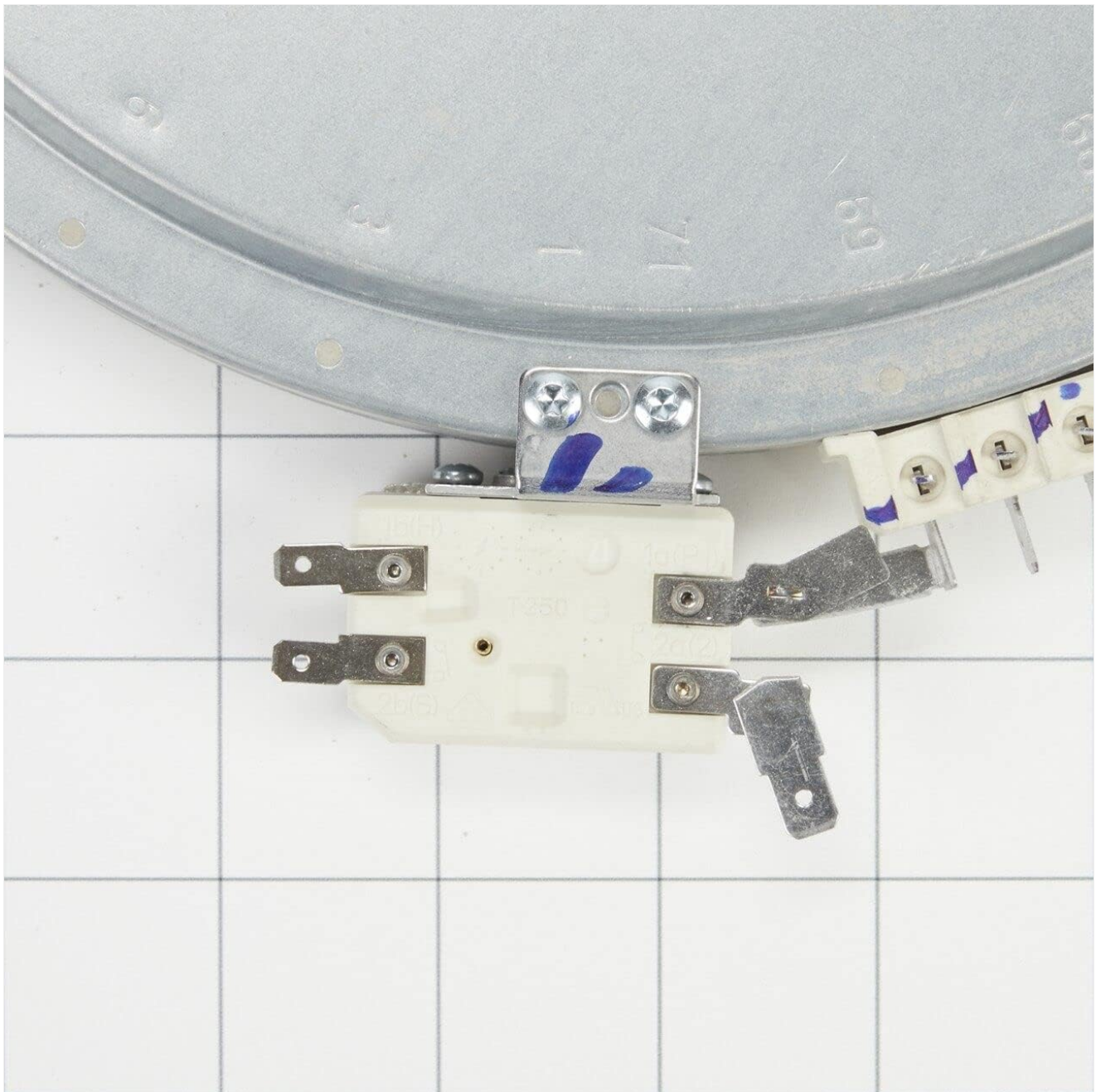


Figure 5: Detailed view of the individual electrical terminals and their configuration on the radiant surface element.

SETUP AND INSTALLATION

Installation of the Whirlpool W11517959 radiant surface element requires technical expertise. It is strongly recommended to hire a qualified appliance technician for safe and correct installation. Incorrect installation can lead to appliance malfunction, damage, or safety hazards.

General Installation Steps (for qualified technicians):

1. **Safety First:** Ensure the electric range is completely disconnected from its power source.
2. **Access the Cooktop:** Carefully lift or remove the cooktop surface to gain access to the heating elements from underneath.
3. **Identify the Faulty Element:** Locate the element to be replaced. Note its position and wiring configuration.
4. **Disconnect Wiring:** Disconnect the electrical wires from the terminals of the old element. Take photos or make diagrams to ensure correct re-connection.
5. **Remove Old Element:** Unfasten and remove the old radiant surface element from its mounting.
6. **Install New Element:** Position the new W11517959 element in place and secure it according to the

appliance's design.

- 7. **Connect Wiring:** Reconnect the electrical wires to the new element's terminals, ensuring all connections are tight and correct based on your previous documentation.
- 8. **Reassemble:** Carefully reassemble the cooktop and any other components removed during the process.
- 9. **Test:** Restore power to the range and test the new element's functionality. Observe for proper heating and operation.

Your browser does not support the video tag.

Video 1: This video from Whirlpool Service Parts emphasizes the importance of using genuine OEM parts for Whirlpool appliances, highlighting their quality, durability, and precise fit. It shows various parts being manufactured and installed, reinforcing the message that only genuine parts meet Whirlpool's engineering standards.

OPERATING THE APPLIANCE AFTER PART REPLACEMENT

After the successful installation of the new radiant surface element, your electric range should operate as intended. Refer to your appliance's main user manual for specific operating instructions, including how to select heat settings and use the cooktop features.

- Ensure the element heats up evenly and consistently when activated.
- Monitor for any unusual odors or sounds during the first few uses, which may indicate an issue.

MAINTENANCE

To ensure the longevity and optimal performance of your electric range and its components, including the radiant surface element, follow these general maintenance guidelines:

- **Regular Cleaning:** Keep the cooktop surface clean. Wipe spills promptly to prevent residue buildup on and around the heating elements.
- **Avoid Harsh Cleaners:** Use mild cleaning agents and soft cloths to clean the cooktop. Avoid abrasive cleaners or scouring pads that can damage the surface or element.
- **Inspect for Damage:** Periodically inspect the radiant surface elements for any visible signs of damage, such as cracks in the ceramic or exposed wiring. If damage is observed, discontinue use and contact a qualified technician.
- **Proper Cookware:** Use flat-bottomed cookware that matches the size of the heating element for efficient heat transfer and to prevent unnecessary stress on the element.

TROUBLESHOOTING

If your electric range experiences issues after the replacement of the radiant surface element, consider the following common troubleshooting points. For complex issues, always consult a qualified technician.

Problem	Possible Cause	Solution
Element does not heat	Loose or incorrect wiring connection; faulty infinite switch; power supply issue.	Verify wiring connections. Check the infinite switch for continuity. Ensure the range has power. Consult a technician.
Element heats unevenly	Incorrect element installation; faulty element (rare for new part); issue with temperature sensor.	Re-check element seating. Inspect the temperature sensor. Consult a technician.

Problem	Possible Cause	Solution
Element remains on after turning off	Faulty infinite switch.	Immediately disconnect power to the range. Replace the infinite switch. This requires professional service.

SPECIFICATIONS

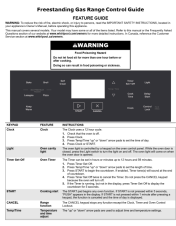
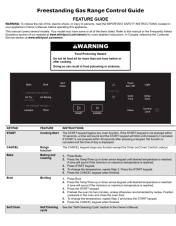
- Part Number:** W11517959
- Manufacturer:** Whirlpool
- Type:** Electric Range Radiant Surface Element
- Size:** 10 inches
- Item Weight:** Approximately 2.18 pounds
- Product Dimensions:** Approximately 15 x 15 x 3 inches
- Color:** White (ceramic base)
- Included Components:** One Whirlpool W11517959 Genuine OEM 10" Electric Range Radiant Surface Element Replacement Part

WARRANTY AND SUPPORT

Whirlpool offers a one-year manufacturer's warranty on this genuine OEM part. For warranty claims, technical support, or to locate authorized service technicians, please refer to the official Whirlpool website or contact Whirlpool customer service directly.

For further assistance, visit the [Whirlpool Store on Amazon](#) or the official Whirlpool website.

Related Documents - W11517959

	<p>Freestanding Gas Range Control Guide - Whirlpool</p> <p>User guide for Whirlpool freestanding gas range controls, detailing features, operation, safety instructions, and troubleshooting for various oven functions. Includes information on baking, broiling, timers, electronic controls, and cookware.</p>
	<p>Whirlpool Freestanding Gas Range Control Guide</p> <p>A comprehensive guide to operating Whirlpool freestanding gas ranges, covering controls, cooking modes, safety instructions, and features like Air Fry, Bake, Broil, and Sabbath Mode.</p>

 <p>FRONT CONTROL ELECTRIC RANGE OWNER'S MANUAL MANUEL D'UTILISATION DE LA CUISINIÈRE ÉLECTRIQUE À COMMANDES FRONTALES MANUAL DEL PROPIETARIO DE LA ESTUFA ELÉCTRICA DE CONTROL FRONTAL</p> <p>Table of Contents Table des matières</p>	<p>Front Control Electric Range Owner's Manual - Safety, Installation, and Maintenance Guide</p> <p>This manual provides comprehensive instructions for the safe operation, installation, and maintenance of the Front Control Electric Range, including self-cleaning and anti-tip bracket information.</p>
 <p>Freestanding Electric Range Quick Start Guide</p> <p>Whirlpool</p> <p>Guide de démarrage rapide de la cuisinière électrique autonome</p>	<p>Whirlpool Freestanding Electric Range Quick Start Guide</p> <p>Quick start guide for Whirlpool freestanding electric ranges, covering operating instructions, oven and range usage, rack positioning, baking tips, and online ordering information.</p>
 <p>Whirlpool CONSUMER SERVICES/TECHNICAL EDUCATION GROUP PRESENTS</p> <p>SUPER CAPACITY 465 FREESTANDING GAS & ELECTRIC RANGES</p> <p>JOB AID Part No. 4220393</p>	<p>Whirlpool Super Capacity 465 Freestanding Gas & Electric Ranges: Technical Job Aid</p> <p>This technical job aid provides detailed information for Whirlpool Super Capacity 465 freestanding gas and electric ranges. It covers key features, safety warnings, model identification, oven control operations, system explanations (AccuSimmer, Venturi, AccuBake), component locations, maintenance procedures, wiring diagrams, and warranty information.</p>
 <p>ELECTRIC FREESTANDING RANGE OWNER'S MANUAL MANUEL D'UTILISATION DE LA CUISINIÈRE ÉLECTRIQUE AUTOPORTANTE MANUAL DEL PROPIETARIO DE LA ESTUFA AUTÓNOMA ELÉCTRICA</p> <p>Table of Contents Table des matières</p>	<p>Electric Freestanding Range Owner's Manual</p> <p>This owner's manual provides comprehensive safety instructions, maintenance guidelines, and installation procedures for the electric freestanding range. It covers general cleaning, self-cleaning cycles, steam cleaning, and essential electrical requirements for both U.S.A. and Canada. The manual also details how to properly install anti-tip brackets and level the appliance for optimal performance and safety.</p>