

## Owigift Oven Range Burner Igniter

# Owigift Oven Range Burner Igniter Instruction Manual

Model: Oven Range Burner Igniter | Brand: Owigift

## 1. INTRODUCTION

This manual provides essential instructions for the safe and effective installation, operation, and maintenance of your Owigift Oven Range Burner Igniter. This component is designed as a replacement part for specific Kenmore gas range models. Please read this manual thoroughly before attempting any installation or service.

## 2. SAFETY INFORMATION

**WARNING:** Installation and service of gas appliances should only be performed by a qualified installer, service agency, or gas supplier. Failure to follow these instructions could result in fire, explosion, or electric shock, causing property damage, personal injury, or death.

- Always disconnect the appliance from the power supply and turn off the gas supply before attempting any service or installation.
- Wear appropriate personal protective equipment, such as gloves and eye protection.
- Ensure the work area is well-ventilated.
- Check for gas leaks after installation using a non-corrosive leak detection solution. Never use an open flame.
- Keep children and pets away from the work area.

## 3. COMPATIBILITY

This Owigift Oven Range Burner Igniter is compatible with various Kenmore gas range models. Please verify your appliance's model number before purchasing and installing. Known compatible models include, but are not limited to:

- Kenmore 79073439314
- Kenmore 79073433314
- Kenmore 79071202701
- Kenmore 79070603013

- Kenmore 79070613210
- Kenmore 79073232310
- Kenmore 79073232311
- Kenmore 79073433310
- Kenmore 79070409012
- Kenmore 79071052405
- Kenmore 79071054405

If your model is not listed, consult your appliance's original manual or contact a qualified technician to confirm compatibility.

## 4. INSTALLATION INSTRUCTIONS

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This section outlines the general steps for replacing an oven igniter. Specific procedures may vary slightly depending on your exact range model. Always refer to your appliance's service manual for detailed instructions.

### 4.1. Preparation

1. **Disconnect Power and Gas:** Unplug the range from the electrical outlet and turn off the gas supply valve to the range.
2. **Access Oven Interior:** Open the oven door and remove the oven racks.
3. **Locate Igniter:** The igniter is typically located near the gas burner tube at the bottom of the oven cavity. It may be covered by a metal shield or the oven floor.

### 4.2. Removing the Old Igniter

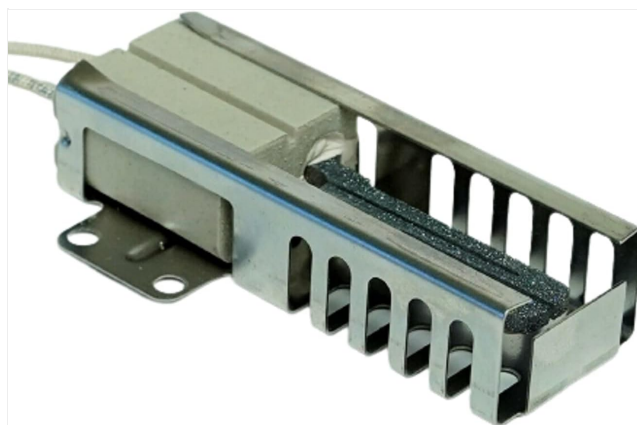
1. **Remove Oven Floor/Shield:** If necessary, remove the screws holding the oven floor panel or igniter shield in place. Carefully lift and remove the panel.
2. **Disconnect Wiring:** Locate the wires connected to the igniter. These typically lead to a ceramic wire connector. Gently pull the wires apart at the connector. Do not cut the wires unless absolutely necessary and you are prepared to splice them correctly.
3. **Unscrew Igniter:** The igniter is usually held in place by one or two screws. Use a screwdriver to remove these screws.
4. **Remove Old Igniter:** Carefully slide the old igniter out from its mounting bracket.



**Figure 1:** The Owigift Oven Range Burner Igniter, showing the ceramic igniter element, metal mounting bracket, and electrical wires with ceramic wire connectors.

### 4.3. Installing the New Igniter

1. **Mount New Igniter:** Position the new Owigift igniter into the mounting bracket and secure it with the screws removed earlier. Ensure it is firmly in place.
2. **Connect Wiring:** Connect the wires from the new igniter to the existing range wiring using the ceramic wire connectors provided (or reuse the old ones if in good condition). Ensure a secure connection. Ceramic connectors are crucial for high-temperature applications.
3. **Replace Oven Floor/Shield:** Reinstall the oven floor panel or igniter shield, securing it with its screws.



**Figure 2:** A close-up view of the igniter's heating element, which glows to ignite the gas.

### 4.4. Testing the Installation

1. **Restore Gas and Power:** Turn the gas supply back on and plug the range back into the electrical outlet.
2. **Check for Leaks:** Apply a non-corrosive leak detection solution (e.g., soapy water) to all gas connections. Bubbles indicate a leak. If a leak is detected, turn off the gas immediately and tighten connections or seek professional assistance.
3. **Test Igniter:** Turn on the oven to a low temperature setting. Observe the igniter. It should begin to glow red within 30-60 seconds, and then the gas should ignite.
4. **Final Check:** Once the burner ignites, turn off the oven and ensure everything is functioning correctly.

## 5. OPERATION

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The Owigift Oven Range Burner Igniter operates automatically as part of your gas range's ignition system. When the oven is turned on, the igniter receives electrical current, causing it to heat up and glow. This glowing igniter provides the necessary heat to ignite the gas flowing from the burner tube. Once the gas is ignited, the igniter typically remains on to act as a flame sensor, ensuring the burner stays lit. If the igniter fails to glow or ignite the gas, it may need replacement or further troubleshooting.

## 6. MAINTENANCE

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The oven igniter generally requires minimal maintenance. However, periodic inspection can help ensure its longevity and proper function:

- **Visual Inspection:** During routine oven cleaning (with power and gas disconnected), visually inspect the igniter for any signs of damage, cracks, or excessive carbon buildup.
- **Cleaning:** If there is light dust or debris, gently brush it away with a soft, dry brush. Avoid using water or cleaning solutions directly on the igniter element.
- **Professional Check:** If you notice any significant issues or changes in oven ignition performance, consider having a qualified technician inspect the igniter and gas system.

## 7. TROUBLESHOOTING

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If your oven is not igniting or experiencing issues, the igniter may be a contributing factor. Always ensure power and gas supply are active before troubleshooting.

Problem	Possible Cause	Solution
Oven burner does not ignite.	Igniter is not glowing or glowing dimly.	The igniter may be faulty and require replacement. Ensure electrical connections are secure.
Oven burner ignites slowly or intermittently.	Igniter is weak or partially obstructed.	Inspect the igniter for cracks or carbon buildup. Clean if necessary. If the issue persists, replace the igniter.
No gas flow to the burner.	Gas supply issue, faulty gas valve.	Check if the main gas valve to the range is open. This is not an igniter issue; consult a qualified technician.

If troubleshooting steps do not resolve the issue, it is recommended to contact a qualified appliance repair technician.

## 8. SPECIFICATIONS

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This Owigift Oven Range Burner Igniter is designed as a direct replacement part for the specified Kenmore gas range models. For detailed electrical and operational specifications, please refer to the original manufacturer's specifications for your specific Kenmore range model.

- **Type:** Oven Range Burner Igniter
- **Brand:** Owigift
- **Compatibility:** Kenmore Gas Ranges (specific models listed in Section 3)
- **Material:** Ceramic igniter element, metal bracket, high-temperature wiring.

## 9. WARRANTY INFORMATION

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Warranty terms for the Owigift Oven Range Burner Igniter are provided by the seller or manufacturer at the time of purchase. Please retain your proof of purchase and contact the vendor directly for any warranty-related inquiries. This manual does not constitute a warranty statement.

## **10. SUPPORT**

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For technical assistance, installation questions, or to report a defective product, please contact the seller or Owigift customer support through the platform where the purchase was made. When contacting support, please have your purchase details and the product's ASIN (B0983ZMGH3) available.