Whirlpool 9758079

Whirlpool 9758079 Oven Igniter Instruction Manual

Genuine Replacement Part for Whirlpool Ranges

1. Introduction

This manual provides essential information for the installation, operation, maintenance, and troubleshooting of the Whirlpool 9758079 Oven Igniter. This component is a genuine replacement part designed to restore proper ignition function to compatible Whirlpool ranges. Please read all instructions carefully before proceeding with installation or any service.

2. Important Safety Information

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause injury or property damage. Refer to this manual. For assistance or additional information, consult a qualified installer, service agency, or the gas supplier.

- Always disconnect the electrical power to the oven/range and shut off the gas supply before attempting any service or installation.
- Wear appropriate personal protective equipment, such as gloves and safety glasses.
- Ensure the work area is well-ventilated.
- If you are unsure about any step, consult a qualified appliance technician.
- This part is for gas ovens. Exercise extreme caution when working with gas lines.

3. Product Overview

The Whirlpool 9758079 is an oven spark igniter, a critical component in gas ranges responsible for igniting the gas in the oven burner. When the oven is turned on, the igniter heats up, drawing current. This current flow signals the gas valve to open, allowing gas to flow to the burner. The hot igniter then ignites the gas, producing the flame necessary for heating. This is a genuine replacement part ensuring compatibility and performance with Whirlpool appliances.



Image 1: The Whirlpool 9758079 Oven Igniter. This L-shaped component is designed to heat and ignite gas in your oven's burner.

4. Installation Instructions

Before beginning, ensure you have the correct igniter for your oven model. The 9758079 is typically an L-shaped igniter. Verify compatibility by checking your oven's model number and referring to the technical specifications or your appliance's original manual.

Required Tools:

- #2 Phillips screwdriver
- 5/16 inch nut driver
- Secondary light source (optional, but helpful)

Installation Steps:

1. **Safety First:** Disconnect the oven from its electrical power source (unplug it or turn off the circuit breaker) and shut off the gas supply to the appliance.

2. **Access the Oven Interior:** Open the oven door. Remove the oven racks.
3. **Remove Oven Floor and Heat Shield:** Locate and remove the screws holding the oven floor panel in place. Carefully lift and remove the oven floor. You may also need to remove a heat shield or burner cover to expose the burner tube and igniter.
4. **Locate the Igniter:** The igniter is typically mounted near the gas burner tube at the bottom of the oven. It will have two wires connected to it.
5. **Disconnect Wiring:** Carefully disconnect the two wires leading to the igniter. Note their orientation if necessary, though they are usually designed to connect only one way.
6. **Remove Old Igniter:** Use the appropriate screwdriver or nut driver to remove the screws securing the old igniter to the burner assembly. Be careful not to drop screws into the air gaps below the burner tube. *Pro Tip:* Place tape or tin foil over any air gaps under the burner tube before removing screws to prevent them from falling into inaccessible areas.
7. **Install New Igniter:** Position the new Whirlpool 9758079 igniter in the same location as the old one. Secure it with the screws.
8. **Reconnect Wiring:** Connect the two wires to the new igniter. Ensure connections are secure.
9. **Reassemble Oven:** Replace the heat shield/burner cover and the oven floor panel. Secure all screws. Replace oven racks.
10. **Restore Power and Gas:** Turn the gas supply back on and reconnect the oven to its electrical power source.
11. **Test Operation:** Turn on the oven to a low temperature setting and observe the igniter. It should glow red and then ignite the gas burner within a few seconds. If the oven does not ignite, refer to the troubleshooting section.

5. Operating Principles

Once installed, the Whirlpool 9758079 Oven Igniter operates automatically as part of your oven's heating system. When you select a bake temperature, the oven control sends power to the igniter. The igniter begins to heat up, and as it reaches a sufficient temperature, its electrical resistance changes, allowing enough current to flow through it. This current is sensed by the oven's gas valve, which then opens to release gas to the burner. The hot igniter then ignites this gas, producing the flame required for cooking. The igniter continues to glow during the heating cycle to ensure consistent ignition.

6. Maintenance

The Whirlpool 9758079 Oven Igniter is designed for durability and typically 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. A healthy igniter should appear intact and relatively clean.
- **Cleaning:** If there is light dust or debris, gently wipe it away with a dry, soft cloth. Avoid using harsh chemicals or abrasive materials near the igniter.
- **Performance Check:** If you notice the oven taking longer to ignite, or if it fails to ignite consistently, it may indicate the igniter is weakening and nearing the end of its service life.

7. Troubleshooting

If your oven is experiencing ignition issues after replacing the igniter, consider the following common problems and solutions:

- **Oven Not Igniting at All:**
    - **Check Gas Supply:** Ensure the gas supply valve to the oven is fully open.
    - **Check Electrical Connection:** Verify the oven is plugged in and the circuit breaker is not tripped.
    - **Igniter Glows but No Flame:** If the igniter glows red but the gas does not ignite, the igniter may not be drawing enough current to open the gas valve. This indicates a weak igniter, even if it glows. Replacement is often necessary.

- **No Glow from Igniter:** If the igniter does not glow at all, check the wiring connections. If connections are secure, the igniter may be faulty or there could be an issue with the oven's control board.

- **Oven Ignites, Then Flame Goes Out Immediately:**
  - This symptom often points to a problem with the flame sensing mechanism. The igniter also acts as a flame sensor. If the oven control board does not detect a flame after ignition, it will shut off the gas for safety. While a new igniter should resolve this, if the problem persists, the issue might be with the oven's main control board or gas valve.

- **Intermittent Ignition:**
  - If the oven ignites sometimes but not always, the igniter may be failing intermittently. Ensure all connections are tight.

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

8. Specifications

Feature	Detail
Brand	Whirlpool
Model Number	9758079
Item Weight	3.98 ounces
Product Dimensions	6 x 4 x 6 inches
Part Type	Oven Spark Igniter
Compatibility	Genuine replacement part for compatible Whirlpool ranges. Refer to your appliance's manual for specific model compatibility.

9. Warranty and Support

As a genuine Whirlpool replacement part, the 9758079 Oven Igniter is typically covered by Whirlpool's standard parts warranty. For specific warranty details, please refer to the documentation included with your purchase or visit the official Whirlpool website. For technical support, installation assistance, or to locate authorized service providers, please contact Whirlpool Customer Service directly or visit their official support channels.
For more information, you may visit the Whirlpool Store on Amazon.

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