

GE WB13T10045

GE WB13T10045 Oven Burner Igniter Instruction Manual

1. INTRODUCTION

This document provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of the GE WB13T10045 Genuine OEM Oven Burner Igniter. This igniter is a critical component designed to ignite the gas in your oven burner, ensuring proper heating function. Please read all instructions carefully before proceeding with installation or maintenance.

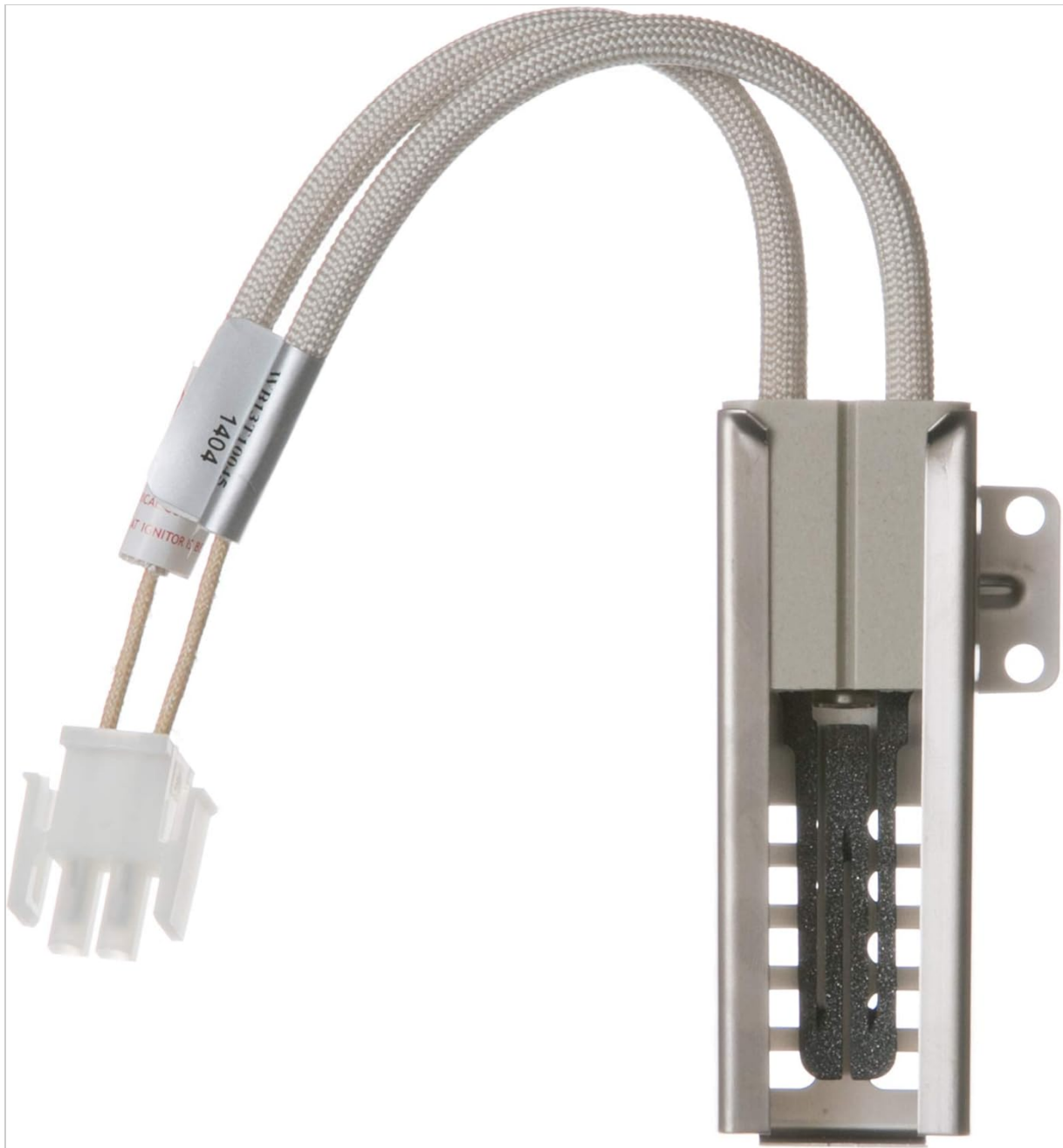


Image 1.1: Front view of the GE WB13T10045 Oven Burner Igniter.

2. SAFETY INFORMATION

WARNING: Before attempting any installation, maintenance, or repair, always disconnect the appliance from all utilities (electrical power and gas supply) to prevent electric shock, gas leaks, or personal injury.

- Wear appropriate personal protective equipment, including gloves and eye protection.
- Ensure the work area is well-ventilated.
- If you are unsure about any step, consult a qualified appliance technician.
- Do not bypass any safety features of the appliance.

3. COMPATIBILITY

The GE WB13T10045 Oven Burner Igniter is a genuine OEM part compatible with various GE, Hotpoint, and Kenmore gas oven models. Refer to your appliance's owner's manual or the product listing for a

complete list of compatible models. Some compatible models include:

- JGS905BEK1BB, JGS905KEK1CC, JGS905SEK1SS, JGS905TEK1WW
- JGS968BEK1BB, JGS968BH1BB, JGS968BH2BB, JGS968BH3BB, JGS968BH5BB, JGS968BH6BB
- JGSP28BEK1BB, JGSP28BEK2BB, JGSP28CEK1CC, JGSP28CEK2CC
- JGSP48BH1BB, JGSP48BH2BB, JGSP48BH3BB, JGSP48BH4BB, JGSP48BH5BB, JGSP48BH6BB
- And many others, including those requiring WB13K21, WB13K14, WB13K13, WB13K12, WB13K10026, WB13K10009, WB13K0014, WB13K0013, WB13K0012, AP3202322, AH952863, EA952863, PS952863, ERWB13K21, 1085573, AP2020569, 2494, AH231280, EA231280, PS231280.

4. PRODUCT OVERVIEW

The GE WB13T10045 Burner Igniter is a flat-style igniter made with high-quality silicon carbide material, designed for durability and efficient gas ignition. It includes a connector plug and ceramic caps for safe and secure wiring connections.



Image 4.1: Rear view of the GE WB13T10045 Oven Burner Igniter, showing the mounting bracket and electrical connections.

5. INSTALLATION INSTRUCTIONS

Follow these steps to replace your oven burner igniter. It is recommended to consult your appliance's specific service manual for detailed diagrams.

5.1. Preparation

1. **Disconnect Power and Gas:** Turn off the electrical power to the oven at the circuit breaker and shut off the gas supply valve.
2. **Access Oven Interior:** Open the oven door and remove all oven racks.
3. **Remove Oven Bottom Panel:** Locate and remove the screws holding the oven's bottom panel in place. Carefully lift and remove the panel to expose the burner assembly and igniter.

5.2. Removing the Old Igniter

4. **Locate Igniter:** The igniter is typically mounted near the gas burner tube.
5. **Remove Mounting Screws:** Use a screwdriver to remove the screws securing the igniter to the burner assembly. Be careful not to drop the screws into the oven cavity.
6. **Disconnect Wiring:** Gently pull the igniter and its wires forward. Locate the wire connector. Disconnect the old igniter's wires from the oven's wiring harness. Note the orientation of the wires for reinstallation.

5.3. Installing the New Igniter

7. **Connect New Igniter:** Connect the wires of the new GE WB13T10045 igniter to the oven's wiring harness. Ensure a secure connection. If ceramic wire nuts are provided, use them for a safe connection.
8. **Mount New Igniter:** Position the new igniter in the same location as the old one and secure it with the mounting screws. Ensure it is firmly attached.

5.4. Reassembly and Testing

9. **Replace Oven Bottom Panel:** Carefully place the oven bottom panel back into position and secure it with its screws.
10. **Replace Oven Racks:** Reinstall all oven racks.
11. **Restore Utilities:** Turn on the gas supply and restore electrical power to the oven.
12. **Test Functionality:** Set the oven to a bake cycle at a moderate temperature (e.g., 350°F). Observe the igniter. It should glow red and then ignite the gas burner within 30-90 seconds.

For a visual guide, please refer to the following instructional videos:

Video: WB13K21 Oven Igniter for Gas Stove

Description: This video provides a detailed overview of the WB13K21 oven igniter, showcasing its components, including the stainless steel frame, high-quality silicon carbide material, and insulated sleeves for safety. It demonstrates the product from various angles, highlighting its design and features. This igniter is compatible with the WB13T10045 model.

Video: WB13K21 Oven Igniter for Gas Stove, Oven Igniter

Description: This video presents the WB13K21 oven igniter, demonstrating its functionality by showing it glowing red when activated. It highlights the ease of installation and its effectiveness in restoring oven heating. This igniter is compatible with the WB13T10045 model.

Video: Cenipar WB13K21 Gas Range Oven Flat Igniter

Description: This video showcases the Cenipar WB13K21 gas range oven flat igniter, emphasizing its ability to solve common oven issues such as abnormal heating, faulty ignition, and gas odor. It illustrates the product's features and its role in ensuring proper oven operation. This igniter is compatible with the WB13T10045 model.

6. OPERATING INSTRUCTIONS

After successful installation, the igniter operates automatically when the oven is set to a bake or broil function. The igniter draws electrical current through the oven safety valve, causing it to heat up and glow. Once sufficiently hot, it allows gas to flow and ignite, initiating the heating process.

To operate your oven:

1. Ensure the oven door is closed.
2. Select the desired cooking function (Bake, Broil, etc.) and temperature on your oven's control panel.
3. The igniter will begin to glow, and the burner will ignite shortly after.
4. Monitor the oven to ensure it reaches and maintains the set temperature.

7. MAINTENANCE

The oven burner igniter is a wear-and-tear part and does not require routine user maintenance beyond proper installation. However, regular cleaning of your oven can help prevent debris from interfering with the igniter's function.

- Keep the oven interior clean from food spills and grease buildup.
- Avoid using harsh chemicals near the igniter assembly.
- If you notice any visible damage or excessive wear on the igniter, consider replacement.

8. TROUBLESHOOTING

If your oven is not heating correctly after igniter replacement, consider the following:

Problem	Possible Cause	Solution
Oven not heating / No gas flame ignition after 90 seconds	Weak or faulty igniter (even if new), improper wiring, gas supply issue.	Verify igniter glows red. If it glows but no ignition, check gas supply. If it doesn't glow or glows dimly, recheck wiring connections. If problem persists, the igniter may be faulty or there's an issue with the oven safety valve.
Oven heats slowly or inconsistently	Weak igniter, partial gas flow obstruction.	A weak igniter may not draw enough current to fully open the gas valve. Consider replacing the igniter if it's old or if the glow is not bright. Ensure gas lines are clear.
Smell of gas without ignition	Gas flowing without ignition, faulty igniter, gas leak.	Immediately turn off gas supply and electrical power. Ventilate the area. Do not operate the oven. Contact a qualified technician or gas company immediately.

9. SPECIFICATIONS

- **Part Number:** WB13T10045
- **Brand:** GE
- **Type:** Oven Burner Igniter (Flat Style)
- **Material:** High-quality silicon carbide heating element, stainless steel frame
- **Dimensions:** Approximately 9.2"L x 4"W
- **Item Weight:** 6.4 ounces
- **Special Feature:** Easy to Install
- **UPC:** 623545524659, 696736846281

10. WARRANTY INFORMATION

For specific warranty details regarding your GE WB13T10045 Oven Burner Igniter, please refer to the warranty documentation included with your purchase or contact GE Appliances customer service. Warranties typically cover defects in materials and workmanship under normal use.

11. CUSTOMER SUPPORT

If you require further assistance, have questions about installation, or need to report a product issue, please contact GE Appliances customer support through their official website or the contact information provided in your appliance's documentation.