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› Brinkmann Adjustable Universal Replacement BBQ Grill Oblong Tube Burner Instruction Manual

Brinkmann 812-7248-S

Brinkmann Adjustable Universal Replacement BBQ Grill Oblong Tube Burner

Model: 812-7248-S

INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your new Brinkmann Adjustable Universal Replacement BBQ Grill Oblong Tube Burner. This universal replacement part is designed to repair most properly sized grills, fitting those that require 15-inch to 22-inch oblong tube burners.

SAFETY INFORMATION

Read all instructions carefully before installation and use.

- Always ensure the grill is completely cool and disconnected from its fuel source before attempting any installation or maintenance.
- Wear appropriate safety gear, such as gloves, to protect hands from sharp edges.
- If you are unsure about any step, consult a qualified professional.
- Keep children and pets away from the grill during installation and operation.

PARTS LIST

Verify all components are present before beginning installation.

- Adjustable Oblong Tube Burner Assembly

- Hardware for Installation (screws, nuts, washers)
- Flexible Venturi Tubes (pre-attached or separate)

SETUP AND INSTALLATION

This section details the steps for installing your new burner.

1. **Preparation:** Ensure your grill is turned off, cooled, and disconnected from the gas supply. Remove existing grates, heat tents, and old burners.
2. **Burner Adjustment:** The burner is adjustable. Carefully extend or retract the burner to match the length of your original burner, typically between 15 and 22 inches.
3. **Venturi Tube Adjustment:** The flexible venturi tubes may need to be stretched or adjusted to align with the gas valve orifices in your grill. Perform this adjustment carefully before final installation into the grill.
4. **Placement:** Position the new burner assembly inside the grill firebox, ensuring the venturi tubes properly engage with the gas valve orifices.
5. **Secure Installation:** Use the provided hardware to secure the burner in place. Ensure it is stable and does not wobble.
6. **Leak Test:** After installation, reconnect the gas supply and perform a leak test using a soapy water solution on all connections. Bubbles indicate a leak. Do not ignite the grill if a leak is detected.



Image 1: The Brinkmann Adjustable Universal Replacement BBQ Grill Oblong Tube Burner. This image shows the full assembly of the oblong tube burner, highlighting its adjustable body and the two flexible venturi tubes designed to connect to the grill's gas valves. The burner features multiple small holes along its length for even flame distribution.

OPERATING INSTRUCTIONS

Once installed and leak-tested, your grill is ready for use.

1. **Ignition:** Follow your grill's manufacturer instructions for ignition. Typically, open the grill lid, turn on the gas to one burner, and press the igniter button.

- 2. **Flame Check:** Observe the flame. It should be blue with yellow tips. If flames are uneven or yellow, refer to the troubleshooting section.
- 3. **Temperature Control:** Adjust the gas knobs to achieve desired cooking temperatures.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your burner.

- **Cleaning:** Periodically clean the burner ports to prevent clogging. Use a wire brush or a stiff wire to clear any debris.
- **Inspection:** Regularly inspect the burner for signs of corrosion, cracks, or damage. Replace if significant damage is observed.
- **Venturi Tube Cleaning:** Ensure the venturi tubes are clear of spider webs or other obstructions, which can cause uneven flames or flashback.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Uneven Flames / Low Heat	Clogged burner ports or venturi tubes	Clean burner ports and inspect venturi tubes for obstructions.
Burner Not Igniting	No gas flow, igniter issue, or misaligned venturi tube	Check gas supply, ensure venturi tubes are properly seated, and inspect igniter.
Yellow Flames	Insufficient air mixture	Check venturi tube for obstructions or proper alignment.
Gas Leak Smell	Loose connections	Immediately turn off gas supply. Perform a leak test with soapy water and tighten all connections.

SPECIFICATIONS

- **Product Type:** Adjustable Universal Replacement BBQ Grill Oblong Tube Burner
- **Brand:** Brinkmann
- **Model Number:** 812-7248-S
- **Material:** Durable Stainless Steel Construction
- **Adjustable Length:** Fits grills requiring 15-inch to 22-inch oblong tube burners
- **Product Dimensions:** 17.72 x 9.84 x 2.36 inches (approximate)
- **Item Weight:** 1.75 pounds

WARRANTY AND SUPPORT

For warranty information or technical support, please contact Brinkmann customer service. Refer to the original grill manufacturer's manual for specific warranty details related to replacement parts or visit the official Brinkmann website.

Manufacturer: Brinkmann Corporation

ASIN: B007VAXSNS

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question