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Grill Valueparts G327-2100-W1, G325-0002-W1, G428-5102-W1

Grill Valueparts Grill Replacement Parts Instruction Manual

Models: G327-2100-W1, G325-0002-W1, G428-5102-W1

Introduction

This instruction manual provides detailed information for the installation, operation, and maintenance of your Grill Valueparts replacement parts for Charbroil Performance 2 Burner Grills. These parts are designed to restore your grill's performance and extend its lifespan.



Image: Complete Grill Valueparts replacement kit, featuring two heat tents, two main burners, and one adjustable carryover tube, all made of stainless steel.

Product Overview and Specifications

The Grill Valueparts replacement kit is crafted from upgraded stainless steel, ensuring durability, resistance to rust and corrosion, and even heat distribution. This kit is compatible with various Charbroil Performance 2 Burner Grill models.

Key Components and Dimensions:

- **Heat Plates (Heat Tents):** 15 1/2" x 1 3/8" each. Protect burners from grease and distribute heat.
- **Burner Tubes:** 15 1/8" each. Designed for full combustion and even flame.
- **Carryover Tube:** Adjustable from 5" to 9 2/5". Connects burners for consistent ignition.

Package Contents: 2 x Heat Plates, 2 x Burners, 1 x Carryover Tube.



Image: Detailed dimension diagram for the heat tent (15 1/2" x 1 3/8"), burner tube (15 1/8"), and adjustable carryover tube (5" - 9 2/5").

Compatibility:

These replacement parts are suitable for Charbroil Gas Grill models including, but not limited to: 463630021, 463660021, 463660421, 463655021, 463655421, 463655621, 463630422. Also compatible with part numbers G327-2100-W1, G325-0002-W1, G428-5102-W1, G324-0007-W1.



Image: Guide on how to locate your grill's model number, typically found in the user manual, on the control panel, inside the door, or on the cart side/back panel.

Installation Instructions

Before beginning installation, ensure your grill is completely cool and disconnected from its gas supply. It is recommended to wear protective gloves.

1. **Remove Old Components:** Carefully remove the old heat tents, burners, and carryover tube from your grill. Note their original positions for reference.
2. **Install New Burners:** Place the new burner tubes into their designated slots. Ensure they are securely seated at both ends.
3. **Connect Carryover Tube:** Attach the adjustable carryover tube to connect the new burners. Adjust its length as needed to fit properly between the burners.
4. **Place Heat Tents:** Position the new heat tents over the burners. Ensure they are correctly aligned to protect the burners and distribute heat effectively.
5. **Secure Components:** Verify that all components are firmly in place. If your old setup used retainer clips for the burners, reuse them if necessary, as these parts may not include new ones.
6. **Check Ignition (if applicable):** If your grill has an igniter, ensure the igniter spark is directly above the burner's gas holes. If not, a small adjustment or drilling a new hole might be necessary (refer to troubleshooting for details).

After installation, reconnect the gas supply and perform a leak test before first use.

Operating Tips

With your new replacement parts, your grill should provide optimal performance. Here are some tips for best results:

- **Even Heat Distribution:** The new heat tents are designed to provide good heat retention and even heat distribution across the grilling surface.

- **Reduced Flare-ups:** The heat shields protect the burners from oil and grease drippings, reducing the risk of flare-ups and preventing burner clogging.
- **Enhanced Flavor:** The design allows collected oil droplets to evaporate, returning smoky flavor to your food.

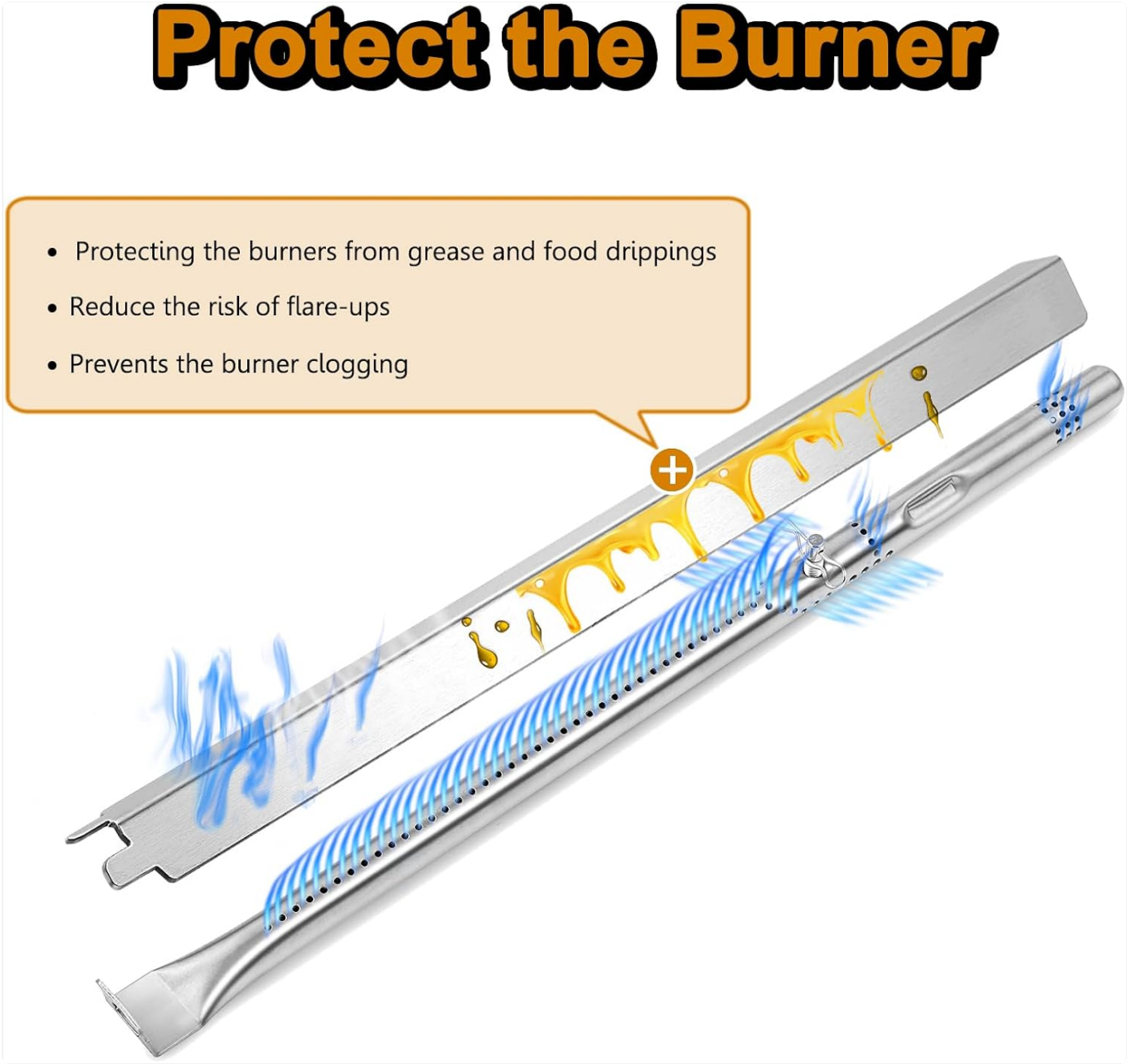


Image: Illustration demonstrating how the heat tent protects the burner from grease and food drippings, reducing flare-ups and preventing clogging.

Maintenance

Regular maintenance will ensure the longevity and optimal performance of your replacement parts.

- **Cleaning:** Periodically clean the heat tents and burners. Allow them to cool completely before cleaning. Use a grill brush or scraper to remove any accumulated grease or food residue.
- **Inspection:** Regularly inspect the parts for any signs of wear, corrosion, or damage. While made of upgraded stainless steel for durability, extreme conditions or prolonged neglect can affect them.
- **Storage:** If storing your grill for an extended period, ensure the parts are clean and dry to prevent moisture-related issues.



Image: Close-up view highlighting the upgraded stainless steel material, emphasizing its anti-corrosion properties and smooth surface for easy cleaning.

Troubleshooting

Here are solutions to common issues you might encounter:

Issue: Burner not igniting or igniting poorly.

Solution: Ensure the igniter spark is directly aligned with the gas holes on the burner tube. If the igniter is too far back, you may need to mark the tube directly over the spark, remove the burner, score it with a file, and drill a small hole through the tube at that mark. Reinstall the burner. Also, check that the carryover tube is properly connected and allowing gas flow between burners.

Issue: Parts showing signs of rust prematurely.

Solution: While made of stainless steel, prolonged exposure to moisture and food acids without cleaning can lead to surface rust. Ensure regular cleaning and drying after use. For severe cases, consider applying a food-safe stainless steel cleaner or polish. Note that carryover tubes, due to their thinner material, might show wear faster than main burners or heat tents.

Issue: Uneven heating or hot spots.

Solution: Verify that the heat tents are correctly positioned over the burners and are not warped or damaged. Ensure burner holes are clear of debris. Clean the burners and heat tents thoroughly.

Customer Support

If you have any questions regarding the compatibility, installation, or performance of your Grill Valueparts replacement parts, please do not hesitate to contact us. We are committed to providing high-quality products and efficient service. For further assistance, please visit the Grill Valueparts Store on Amazon.

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