## Grill Valueparts REV200302-01KIT

# Grill Valueparts Grill Replacement Parts Instruction Manual

Model: REV200302-01KIT

## 1. Introduction

This instruction manual provides essential information for the installation, operation, and maintenance of your Grill Valueparts Grill Replacement Parts. These parts are designed to restore the performance of your Charbroil grill, ensuring even heat distribution and protection for your burners. Please read this manual thoroughly before installation.



Image 1: Complete set of Grill Valueparts replacement parts.

## 2. Product Components and Specifications

The Grill Valueparts replacement kit includes the following components:

- **Heat Tents (4 Pack):** Dimensions: 16 15/16" x 2 1/2". Designed to protect burners and distribute heat.
- **Grill Tube Burners (4 Pack):** Dimensions: 17 3/5" length. For consistent flame and heat.
- **Carryover Tubes (3 Pack):** Adjustable length from 5" to 9 2/5". Connect burners for ignition.

All components are made of upgraded stainless steel, offering enhanced durability, resistance to rust and corrosion, and improved heat distribution.

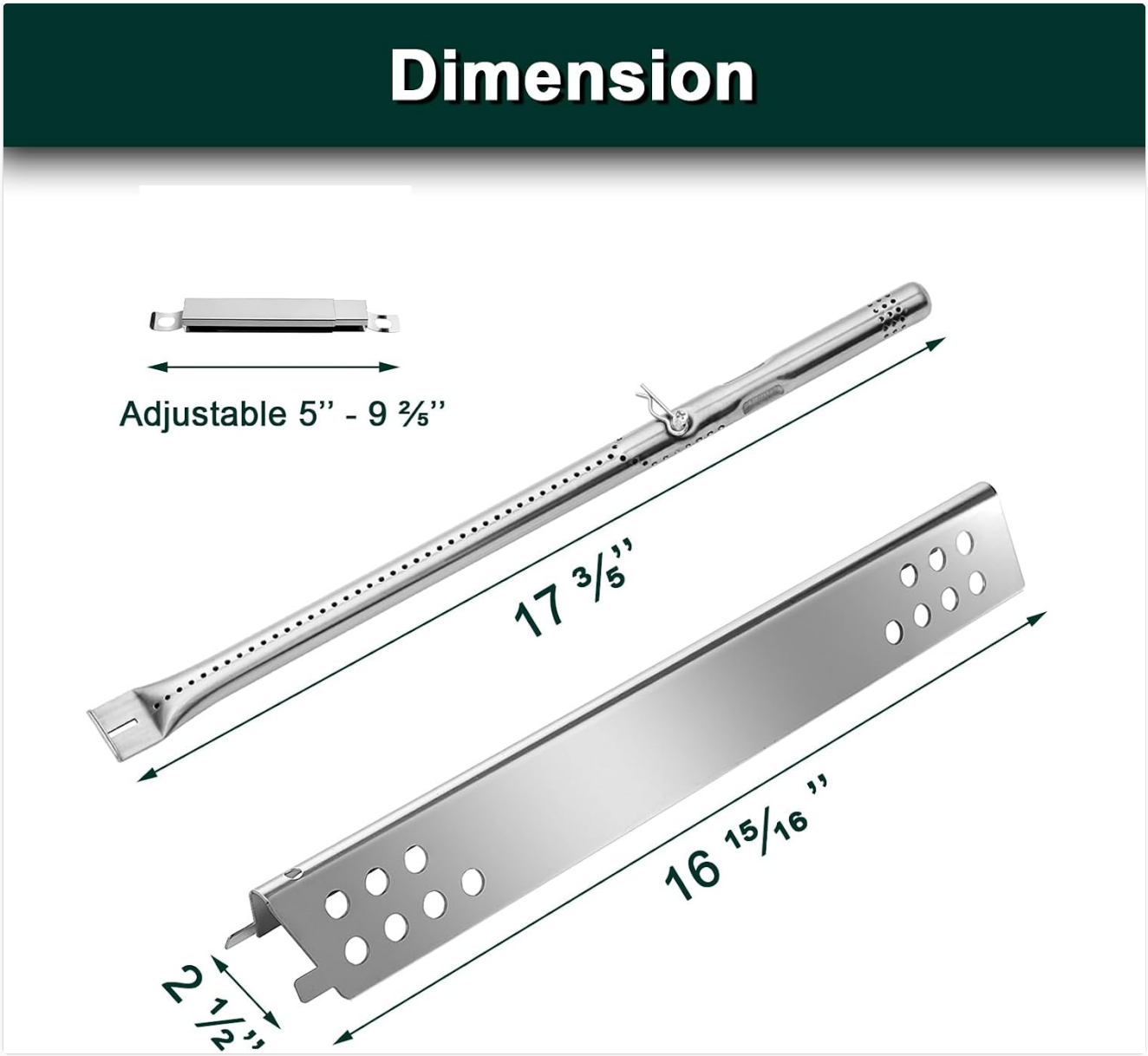



Image 2: Detailed dimensions of the heat tent and burner tube.




Image 3: Illustration of the upgraded stainless steel material properties.

## 3. Compatibility

These replacement parts are compatible with various Charbroil Performance grill models. Please verify your grill's model number to ensure proper fitment. Compatible models include, but are not limited to:

- **Charbroil Performance 4 Burner Gas Grill:** G470-0004-W1, G470-0004-W1A, G470-5200-W1, G321-4C00-W1, G432-001D-W1, 463342119, 463332718, 463376017, 463377319, 463335517, 463349917, 463347017, 463376117, 463377017, 463347418, 463361017, 463376217, 463376017P1, 463377217, 466335517, 466339417, 463376018P2, 463376419, 463376519, 463376319, 463376819, 463375719, 463332719, 463335519, 463375619, 463376619, 466342119, 466347019, 463377117, 466347017.
- **Char-Broil Performance 5 & 6 Burner Gas Grill:** 463275517, 463275717, 463347518, 463243518, 463243519, 463347519, 463373319, 463373019, 463276517, 463276617, 466245917, 463238218, 463277918, 463244819, 463274619, 463274819, 463274919, 463274419, 463245917.
- **Char-Broil Performance 2 Burner Grill:** 463625217, 463625219, 463673517, 463673017, 463673519, 463673617, 463673619, 463673019, 463673519P1.

If your grill model is not listed, please contact customer support for compatibility verification.

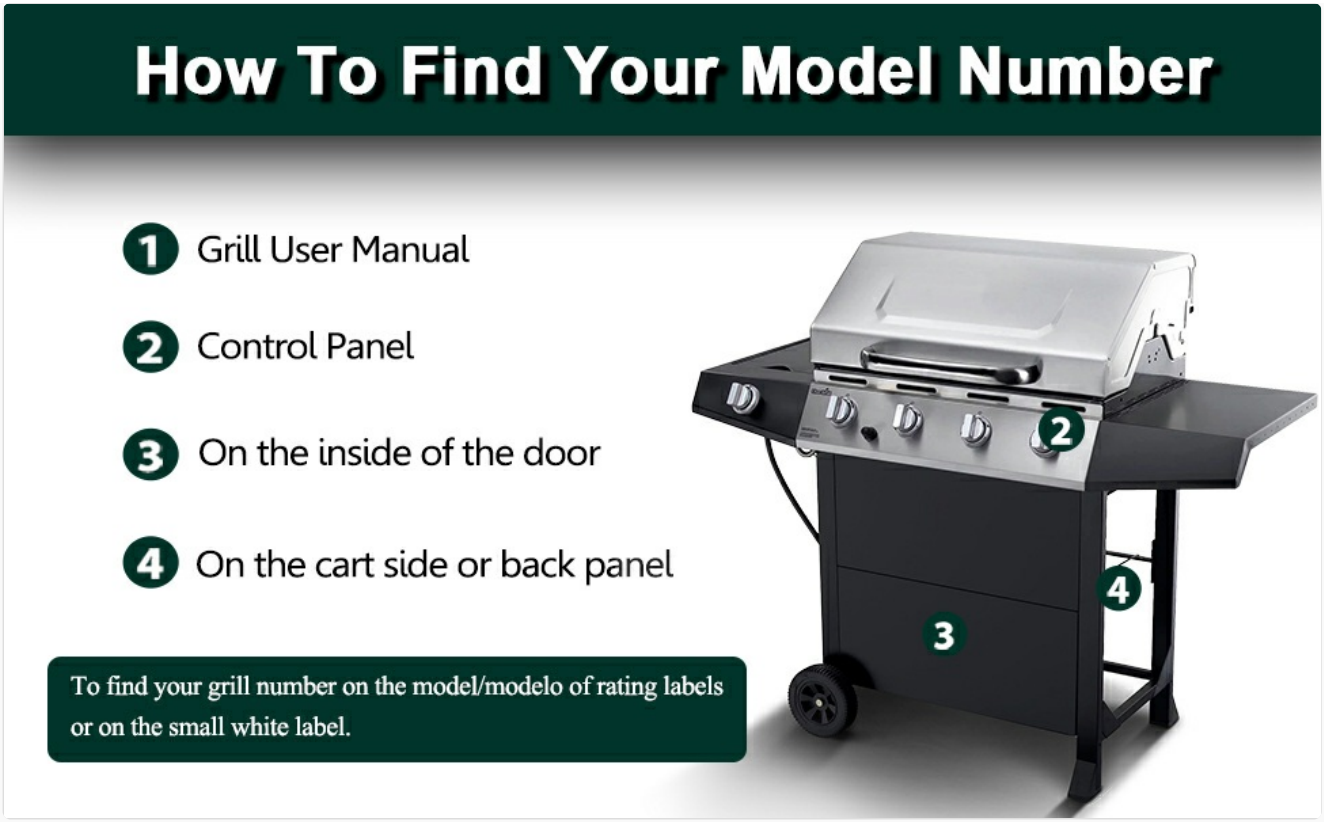



Image 4: Guide on how to locate your grill's model number.

## 4. Installation and Setup

Before beginning installation, ensure your grill is completely cooled down to prevent burns or injury. Disconnect the gas supply.

1. **Remove Old Parts:** Carefully remove the existing heat tents, burner tubes, and carryover tubes. Note their orientation for reference.
2. **Install Burner Tubes:** Place the new burner tubes into their designated slots. Ensure they are properly seated.
3. **Connect Carryover Tubes:** Attach the adjustable carryover tubes between the burner tubes. Adjust their length as needed to ensure a secure connection and proper alignment for ignition.
4. **Position Heat Tents:** Place the new heat tents over the burner tubes. These should sit securely to protect the burners and evenly distribute heat.
5. **Check Ignition (Optional Adjustment):** If your grill sparks but does not light after installation, the igniter may not be directly over the gas outlet. Mark the burner tube directly over the spark. Remove the burner tube, score it with a file at the mark, and drill a small hole through the tube at that point. Reinstall and test.




Image 5: View of replacement parts installed inside a Charbroil grill.

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Video 1: Official product video demonstrating features and appearance of Charbroil grill replacement parts.

## 5. Operating Principles

The Grill Valueparts replacement parts are engineered to optimize your grill's performance:

- **Even Heat Distribution:** The design of the heat tents and burner tubes ensures that heat is distributed uniformly across the cooking surface, preventing hot spots and cold spots for consistent grilling results.
- **Burner Protection:** Heat tents protect the burner tubes from grease and food drippings, which helps to reduce flare-ups and prevent the burners from clogging. This extends the lifespan of your burners.
- **Efficient Burning:** The burner tubes are designed for full and efficient gas burning, contributing to better fuel economy and consistent heat output.

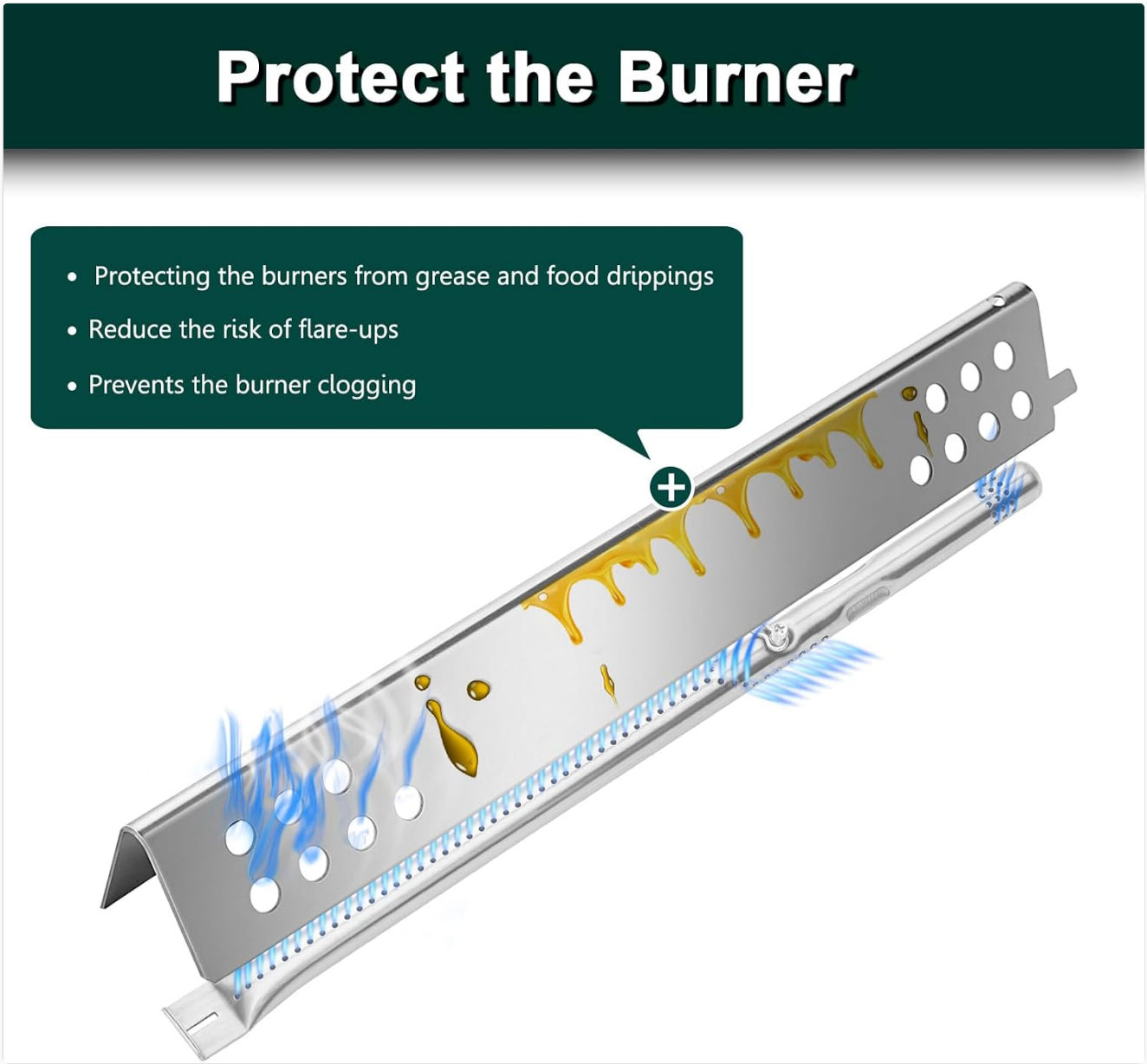



Image 6: Illustration of how the heat tent protects the burner from drippings.

## 6. Maintenance

Regular maintenance will prolong the life of your replacement parts and ensure optimal grilling performance:

- **Cleaning:** After each use, allow the grill to cool. Scrape off any large food debris from the heat tents and burner tubes. For deeper cleaning, remove the parts and wash with warm, soapy water. Rinse thoroughly and dry completely before reinstallation.
- **Inspection:** Periodically inspect the heat tents, burner tubes, and carryover tubes for signs of wear, corrosion, or damage. While made of durable stainless steel, extreme conditions or prolonged exposure can affect them.
- **Rust Prevention:** Although resistant, stainless steel can still show surface rust under certain conditions. Ensure parts are dry after cleaning and consider light application of cooking oil to heat tents before use to create a protective layer.

## 7. Troubleshooting

| Problem | Possible Cause | Solution |
| --- | --- | --- |

| Problem | Possible Cause | Solution |
|---|---|---|
| Grill not lighting / Ignition issues | Igniter not aligned with burner tube gas outlet. | Refer to "Check Ignition (Optional Adjustment)" in Section 4. Ensure igniter sparks directly over the gas hole on the burner tube. |
| Uneven heating | Heat tents or burner tubes are clogged or improperly positioned. | Clean all parts thoroughly. Ensure heat tents are correctly seated over burners. Check burner tube holes for blockages. |
| Parts rusting prematurely | Exposure to moisture, harsh chemicals, or lack of proper drying. | Ensure parts are completely dry after cleaning. Avoid abrasive cleaners. Consider applying a thin layer of cooking oil for protection. |
| Carryover tubes deteriorating quickly | Normal wear and tear, or exposure to extreme heat/moisture. | Carryover tubes may require more frequent replacement than other components due to their function. Inspect regularly and replace as needed. |

## 8. Warranty and Support

Grill Valueparts stands behind the quality of its products. For specific warranty information, please refer to the product packaging or contact Grill Valueparts customer service directly. If you encounter any issues or have questions regarding your replacement parts, please do not hesitate to contact us.

**Contact Information:**

**Brand:** Grill Valueparts

**Website:** Visit the Grill Valueparts Store on Amazon

**Manufacturer:** Grill Valueparts

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