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Adviaace G432-0078-W1

Adviaace Grill Parts User Manual

Replacement Kit for Charbroil Gas2Coal Hybrid Grill Models

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Adviaace replacement grill parts. These parts are designed to restore the functionality and extend the lifespan of your Charbroil Gas2Coal hybrid grill.

The kit includes high-quality components engineered for durability and performance, ensuring your grill operates like new.

PRODUCT COMPONENTS

The Adviaace replacement kit for Charbroil Gas2Coal grills typically includes the following components:

- **Grill Burners:** 3 replacement stainless steel grill burners.
- **Grill Heat Tents (Heat Shields):** 3 porcelain steel heat tents.
- **Carryover Tubes:** 2 adjustable stainless steel carryover tubes.
- **Grill Igniters:** 3 grill igniters with 36-inch braided cables.



Figure 1: Complete Adviace Grill Parts Replacement Kit. This image displays all components included in the kit: three stainless steel burners, three porcelain steel heat tents, two adjustable stainless steel carryover tubes, and three grill igniters with their wiring.

COMPATIBILITY

These replacement parts are specifically designed for various Charbroil Gas2Coal Hybrid Grill models. Please verify your grill's model number against the list below to ensure compatibility.

Compatible 3-Burner Hybrid Grill Models:

- 463370519
- 463370516
- 463340516
- 463336818
- 463341918
- 463370518

Compatible 4-Burner Hybrid Grill Models:

- 463278418
- 463278419

Original Part Numbers for reference: G432-0078-W1 (flame carry over tube), G553-0002-W1A (heat tent), G421-0500-W1 (burner), G421-0401-W1 (electrode igniter).

Perfect Fit For Your Charbroil Grill

3-BURNER GRILLS

463370519 463370516
463340516 463336818
463341918 463370518



4-BURNER GRILLS

463278418
463278419

Figure 2: Visual guide to compatible Charbroil Gas2Coal grill models. This image illustrates both 3-burner and 4-burner grill types and lists the specific model numbers that these replacement parts are designed to fit.

SPECIFICATIONS

Detailed dimensions and material specifications for the replacement parts:

- **Heat Tent Dimensions:** 14 1/2 inches (L) x 4 3/8 inches (W)
- **Heat Tent Material:** Porcelain Steel
- **Burner Dimensions:** 14 7/16 inches (L) x 1 inch (W)

- **Burner Material:** Stainless Steel
- **Carryover Tubes Dimensions:** Adjustable, extends from 5 inches to 9 inches
- **Carryover Tubes Material:** Stainless Steel
- **Igniter Cable Length:** Approximately 36 inches

PRODUCT DIMENSIONS

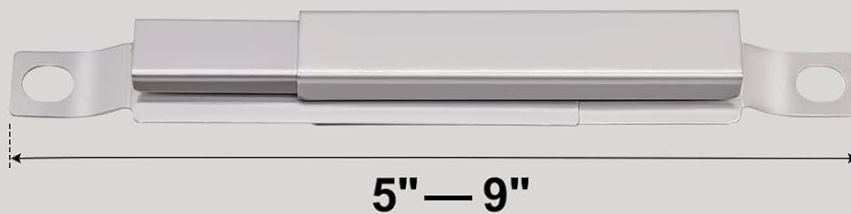


Figure 3: Product Dimensions. This diagram provides precise measurements for the heat tents (14 1/2" x 4 3/8"), burners (14 7/16" x 1"), and adjustable carryover tubes (5" - 9"), aiding in fit verification.

Premium Quality Porcelain Steel



Strong corrosion
resistance



Strong heat
resistance



Easy to install



Non-toxic



Figure 4: Premium Quality Porcelain Steel. This image emphasizes the material quality of the heat tents, noting strong corrosion resistance, strong heat resistance, ease of installation, and non-toxic properties.



Figure 5: High Hardness Stainless Steel. This image showcases the stainless steel burners, highlighting their high hardness, strong rust-resistance, corrosion-resistance, and overall sturdy and durable construction.

INSTALLATION (SETUP)

Replacing your grill parts is a straightforward process. Always ensure your grill is completely cool and disconnected from its fuel source before beginning any installation.

1. **Remove Old Components:** Carefully remove the old burners, heat tents, and carryover tubes. Note how they are positioned and secured. Some older models may use clevis pins which might break during removal; new hardware (bolts/nuts) may be provided for replacement.
2. **Install New Burners:** Place the new stainless steel burners into their respective positions. Ensure they are properly seated and aligned with the gas valves.
3. **Attach Carryover Tubes:** Connect the adjustable carryover tubes between the burners. These tubes facilitate flame spread from one burner to the next. Adjust their length as needed to fit securely.
4. **Place Heat Tents:** Position the porcelain steel heat tents over the burners. Ensure the tabs on the heat tents fit

correctly into the slots in the grill body. *Note: In some cases, minor modification (e.g., grinding tabs) may be required for a perfect fit if the slots are slightly off.*

5. **Connect Igniters:** Attach the new grill igniters. These are designed for easy, screw-less installation. Ensure the ceramic tip is positioned correctly near the burner's gas ports for reliable ignition. Connect the igniter wires to the grill's ignition module. The 36-inch wire length provides ample reach.

After installation, visually inspect all connections and ensure components are securely in place before reconnecting the fuel source and testing.

Made Your Grill Like New Again



Figure 6: Grill Restoration. This image illustrates the transformation of a grill from having old, rusted components to being equipped with new, clean replacement parts, demonstrating how the kit can make your grill function like new again.



Figure 7: Igniter Installation. This detailed image shows the igniter's screw-less installation process and highlights the generous 36-inch length of the braided cable, ensuring easy and flexible connection.

OPERATING

Once the new parts are installed, your grill should operate with renewed efficiency. The stainless steel burners provide consistent flame distribution, and the porcelain steel heat tents ensure even heat across the cooking surface.

To operate your grill:

1. Ensure the gas tank is connected and the valve is open.
2. Turn the control knob for the desired burner to the "High" or "Ignite" position.
3. Press the ignition button (if applicable) or use the built-in igniter by turning the knob. You should hear a click and see the burner ignite.
4. If using multiple burners, ignite them one by one. The carryover tubes will help spread the flame.
5. Adjust the flame intensity using the control knobs as needed for cooking.

The new components are designed to provide a reliable and consistent grilling experience, making your grill feel like new again.

MAINTENANCE

Proper maintenance of your grill parts will ensure their longevity and continued performance. The materials used in Advia replacement parts are selected for their durability and resistance to common grill wear and tear.

- **Regular Cleaning:** After each use, allow the grill to cool. Brush off any food debris from the heat tents and burners. For deeper cleaning, components can be removed and washed with warm, soapy water. Rinse thoroughly and dry completely before reinstallation.
- **Inspect for Blockages:** Periodically check burner ports for any blockages (e.g., grease, insect nests) that could impede gas flow. Use a small wire brush or paper clip to clear them.
- **Corrosion Check:** While the parts are made of rust-resistant stainless steel and porcelain steel, regular inspection for any signs of corrosion is recommended, especially in humid environments. Address any surface rust promptly.
- **Igniter Care:** Ensure the igniter tips are clean and free from grease buildup to maintain reliable ignition.
- **Storage:** If storing the grill for an extended period, ensure all components are clean and dry. Covering the grill can help protect the parts from environmental elements.

TROUBLESHOOTING

If you encounter issues after installing your replacement parts, consider the following common troubleshooting steps:

- **Burner Not Lighting:**
 - Check if the gas tank is open and has sufficient fuel.
 - Ensure the igniter tip is clean and properly positioned close to the burner's gas ports.
 - Verify that the igniter wire is securely connected to the ignition module.
 - Inspect burner ports for blockages.
- **Uneven Heating:**
 - Ensure heat tents are correctly positioned and not warped.
 - Check for any blockages in the burner tubes that might restrict gas flow.
- **Heat Tent Fit Issues:**
 - If heat tent tabs are too wide for the grill slots, a small amount of material may need to be carefully filed or ground off the edges of the tabs for a proper fit.
- **Slow Cross-Ignition:**
 - Ensure carryover tubes are clean and properly aligned between burners to facilitate flame transfer.
 - Verify that the burners themselves are clean and free of debris.

For issues not resolved by these steps, please refer to the support section.

WARRANTY INFORMATION

Specific warranty details for Advia grill parts are typically provided at the point of purchase or on the product packaging. Please retain your proof of purchase for any warranty claims.

Generally, replacement parts are covered against manufacturing defects for a limited period. For precise terms and conditions, refer to the documentation included with your purchase or contact the manufacturer directly.

If you require further assistance with installation, troubleshooting, or have questions regarding your Adviace grill parts, please contact the manufacturer's customer support. Contact information can usually be found on the product packaging or the brand's official website.

When contacting support, please have your product model number (G432-0078-W1) and details of your Charbroil grill model readily available.

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Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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