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› UpStart Components BBQ Grill Heat Shield Plate Tent Instruction Manual

UpStart Components BBQ-92151-3PK-DL18

UpStart Components BBQ Grill Heat Shield Plate Tent Instruction Manual

Model: BBQ-92151-3PK-DL18

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your UpStart Components BBQ Grill Heat Shield Plate Tent replacement parts. These parts are designed to replace worn or damaged heat shields in compatible barbecue grills, ensuring optimal heat distribution and protection for your grill's burners.

This product is a 3-pack of porcelain enameled steel heat shields, compatible with Charbroil 463724512 and similar models. Please read all instructions carefully before proceeding with installation.

PRODUCT OVERVIEW



Components



Image: A pack of three black porcelain enameled steel heat shield plate tents, ready for installation.



Image: A single black porcelain enameled steel heat shield plate tent, viewed from the top, showing its elongated shape.



Image: A single black porcelain enameled steel heat shield plate tent, viewed from the side, highlighting its tent-like structure.



Image: A single black porcelain enameled steel heat shield plate tent, shown from an angled perspective, emphasizing its design.

Each heat shield measures approximately **16.5 inches in length** and **4 inches in width**. They are constructed from durable porcelain enameled steel, designed to withstand high temperatures and provide long-lasting performance in your grill.

SETUP AND INSTALLATION

These heat shields are replacement parts and require installation into an existing barbecue grill. Follow these general steps for safe and effective installation:

1. **Safety First:** Ensure your grill is completely turned off, disconnected from its fuel source (gas tank or power outlet), and has cooled down to a safe temperature before beginning any work. Wearing protective gloves is recommended.
2. **Access Grill Interior:** Open the grill lid and remove the cooking grates and any existing warming racks to expose the heat shields and burners.
3. **Remove Old Heat Shields:** Carefully lift out the old, worn, or damaged heat shields. Note their orientation and placement for reference during installation of the new parts.
4. **Clean Grill Interior (Optional but Recommended):** While the grill is open, it's an ideal time to clean any debris, grease, or rust from the burner area and grill bottom.
5. **Install New Heat Shields:** Place the new UpStart Components heat shields directly over the burners. Ensure they are

seated properly and cover the burners as intended. The "tent" shape should typically point upwards to deflect grease and distribute heat.

6. **Reassemble Grill:** Replace the cooking grates and any other components you removed. Close the grill lid.
7. **Test Grill:** Reconnect the fuel source and perform a test light to ensure all burners ignite properly and heat is distributed evenly.

Note: Specific grill models may have slight variations in their internal layout. Refer to your grill's original manual for detailed disassembly and reassembly instructions if needed.

OPERATING PRINCIPLES

The heat shield plate tents serve several critical functions in your BBQ grill:

- **Heat Distribution:** They are designed to evenly distribute heat across the cooking surface, preventing hot spots and ensuring consistent cooking results.
- **Burner Protection:** The shields protect the burners from dripping grease, marinades, and food particles, which can cause flare-ups, corrosion, and blockages.
- **Vaporization:** Drippings that fall onto the hot heat shields vaporize, creating smoke that infuses food with a distinct barbecue flavor.
- **Flame Taming:** They help to tame direct flames from the burners, reducing the risk of charring food and providing a more indirect cooking environment.

MAINTENANCE

Regular maintenance of your heat shields will extend their lifespan and ensure optimal grill performance:

- **Cleaning:** After each use, once the grill has cooled, use a grill brush or scraper to remove any accumulated food residue or carbon buildup from the heat shields. For deeper cleaning, they can be removed and washed with warm, soapy water. Rinse thoroughly and dry completely to prevent rust.
- **Inspection:** Periodically inspect the heat shields for signs of wear, corrosion, or significant damage. While these are durable porcelain enameled steel, extreme heat and exposure can eventually lead to degradation.
- **Replacement:** Replace heat shields when they show significant signs of rust, warping, or holes, as this indicates they are no longer effectively performing their function of heat distribution and burner protection.

TROUBLESHOOTING

If you experience issues with your grill's performance after installing new heat shields, consider the following:

- **Uneven Heating:**
 - Ensure the heat shields are correctly positioned over each burner.
 - Check that the burners themselves are clean and free of blockages, allowing for even flame distribution.
- **Excessive Flare-ups:**
 - While heat shields reduce flare-ups, excessive grease buildup on the shields or within the grill can still cause them. Ensure regular cleaning.
 - Verify that the heat shields are not warped or damaged, which could allow direct flame exposure.
- **Difficulty Igniting Burners:**
 - Ensure the heat shields are not obstructing the igniter electrodes.

- This issue is less likely to be caused by heat shields directly, but always ensure proper placement.

If problems persist, consult your grill's original manufacturer's manual or a qualified technician.

SPECIFICATIONS

Product Name	BBQ Grill Heat Shield Plate Tent Replacement Parts
Brand	UpStart Components
Model Number	BBQ-92151-3PK-DL18
Quantity	3-Pack
Material	Porcelain Enameled Steel
Dimensions (Each)	Length: 16.5 inches (41.9 cm), Width: 4 inches (10.2 cm)
Compatibility	Compatible with Charbroil 463724512 and similar models. <i>(Note: This is an UpStart Components Brand replacement part, NOT an OEM product.)</i>

WARRANTY INFORMATION

This product is an UpStart Components Brand replacement part. Any warranties for this product are offered solely by UpStart Components. This product is not affiliated with any other brands and is not covered under any warranties offered by original equipment manufacturers (OEMs).

For specific warranty terms and conditions, please refer to the warranty information provided at the time of purchase or contact UpStart Components directly.

SUPPORT

For technical assistance, questions regarding installation, or warranty claims, please contact UpStart Components customer support. Contact information can typically be found on the product packaging or the retailer's website where the product was purchased.

When contacting support, please have your product model number (BBQ-92151-3PK-DL18) and purchase details ready.

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ASK A QUESTION ABOUT THIS MANUAL

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