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Char-Broil 463350521

Char-Broil Performance 4-Burner Cart-Style Propane Gas Grill User Manual

Model: 463350521

PRODUCT OVERVIEW

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Char-Broil Performance 4-Burner Cart-Style Propane Gas Grill. This grill is designed for outdoor use with propane gas, featuring a durable construction and versatile cooking capabilities.



Image: Front view of the Char-Broil Performance 4-Burner Cart-Style Propane Gas Grill, showcasing its black and stainless steel finish with four control knobs and side shelves.

SAFETY INFORMATION

Read all instructions before assembling and operating this grill. Failure to follow these instructions could result in fire, explosion, or burn hazard which could cause property damage, personal injury, or death.

General Safety Precautions

- For outdoor use only. Do not operate indoors.
- Keep the grill area clear and free from combustible materials, gasoline, and other flammable vapors and liquids.
- Maintain a minimum clearance of 10 feet from the sides and back of the grill to any combustible construction.
- Do not leave the grill unattended while in use.
- Always open the grill lid before lighting the burners.
- Ensure all gas connections are tight and leak-free before operation.
- Keep children and pets away from the grill at all times.

Propane Gas Safety

- Use only a 20 lb (9.1 kg) propane cylinder (LP gas tank) with a Type 1 connection.
- Always check for gas leaks using a soap and water solution before each use. Never use a flame to check for leaks.

- Store LP gas cylinders outdoors in a well-ventilated area, out of reach of children, and not in a building, garage, or any other enclosed area.
- Turn off the gas supply at the cylinder after each use.

Carbon Monoxide Hazard

Burning charcoal or gas indoors can kill you. It gives off carbon monoxide, which has no odor. NEVER burn charcoal or gas inside homes, vehicles, or tents.

PARTS LIST

Before assembly, ensure all parts are present and undamaged. Refer to the assembly diagram for visual identification.

- Grill Head Assembly (with lid, burners, grates)
- Side Shelves (2)
- Cart Frame Components
- Wheels (2) and Locking Casters (2)
- LP Tank Support
- Hardware Pack (bolts, nuts, washers, screws)
- Grease Tray and Cup
- Chef's Delite Tray



Image: Front view of the grill, showing the main grill head, side shelves, and cart structure.



Image: Side view of the grill, highlighting the cart design and wheel placement.

SETUP AND ASSEMBLY

Assembly typically requires two people and basic tools (screwdriver, adjustable wrench). Follow the step-by-step instructions provided in the separate assembly guide for detailed diagrams.

Pre-Assembly Checklist

- Unpack all components and verify against the parts list.
- Remove all packaging materials and protective films.
- Ensure you have adequate space for assembly.

Key Assembly Steps (Summary)

1. Assemble the cart frame, attaching the wheels and casters.
2. Mount the grill head onto the assembled cart.
3. Attach the side shelves to the grill head.

4. Install the grease tray and cup.
5. Connect the LP gas cylinder regulator to the grill's manifold.



Image: Rear view of the grill, showing the back panel and gas line connection point.

OPERATING INSTRUCTIONS

Connecting the LP Gas Cylinder

1. Ensure all burner control knobs are in the OFF position.
2. Connect the regulator to the LP cylinder valve, turning the black coupling nut clockwise until hand-tight. Do not overtighten.
3. Open the LP cylinder valve slowly, turning counter-clockwise.
4. Perform a leak test (see Safety Information).

Lighting the Grill

1. Open the grill lid.
2. Turn the LP cylinder valve ON.
3. Push and turn any burner control knob to the HIGH position.

4. Press and hold the electronic ignition button until the burner lights.
5. If ignition does not occur within 5 seconds, turn the burner control knob to OFF, wait 5 minutes, and repeat the lighting procedure.
6. Once lit, adjust the burner to the desired heat setting.

Cooking with the Grill

The Char-Broil Performance grill features porcelain-coated cast iron grates for superior heat retention and even cooking. The lid-mounted temperature gauge allows for easy monitoring of internal grill temperature.



Image: Overhead view of the grill grates with various foods cooking, including meats and vegetables, demonstrating the cooking area.



Image: The grill in use, with burgers and chicken cooking on the grates, and broccoli in a pan on the side burner, showcasing the side shelves and cooking versatility.

Using the Chef's Delite Tray

The included Chef's Delite tray provides greater grilling versatility, allowing you to cook smaller items or prepare side dishes directly on the grill.

MAINTENANCE

Cleaning the Grill

Regular cleaning extends the life of your grill and ensures optimal performance.

- **Cooking Grates:** After each use, while the grates are still warm, brush off food residue with a wire grill brush. For deeper cleaning, remove grates and wash with warm soapy water.
- **Heat Tents/Burner Covers:** Clean regularly to prevent flare-ups. Scrape off any accumulated grease or food particles.
- **Grease Tray and Cup:** Empty and clean the grease cup frequently. The grease tray should be cleaned

periodically to prevent grease buildup.

- **Exterior Surfaces:** Wipe down stainless steel surfaces with a stainless steel cleaner. Painted surfaces can be cleaned with mild soap and water.



Image: Close-up of the pull-out grease tray, illustrating its accessibility for easy cleaning.

Storage

- Store the grill in a dry, sheltered location when not in use.
- Disconnect the LP cylinder and store it outdoors in a well-ventilated area.
- Consider using a grill cover to protect against weather elements.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Burner will not light with igniter	No gas flow; Clogged burner ports; Faulty igniter electrode	Check LP cylinder connection and gas level; Clean burner ports; Check igniter wire connection
Uneven heat	Clogged burner ports; Blocked heat tents	Clean burner ports; Clean heat tents
Flare-ups	Excessive grease buildup; High heat setting	Clean grill thoroughly; Reduce heat; Trim excess fat from food
Gas odor	Gas leak	Immediately turn off gas supply; Perform leak test; Do not operate until leak is fixed

For further assistance, contact Char-Broil customer support.

SPECIFICATIONS

Feature	Detail
Brand	Char-Broil
Model Name	Performance 4-Burner
Model Number	463350521
Fuel Type	Propane Gas
Main Burner Count	4
Cooking Surface Area	435 Square Inches
Grate Material	Porcelain-Coated Cast Iron
Ignition Type	Electronic
Dimensions (L x W x H)	20.1 x 50.3 x 45.4 inches
Item Weight	76 Pounds
Assembly Required	Yes

Note: Specifications are subject to change without notice.

WARRANTY AND SUPPORT

For specific warranty details, please refer to the warranty card included with your product or visit the official Char-Broil website.

For customer support, parts, or service inquiries, please contact Char-Broil directly.

Online resources and FAQs may also be available on the manufacturer's website www.charbroil.com

