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INTRODUCTION

The Masterbuilt MB20040919 36-inch Charcoal Grill is designed for outdoor charcoal grilling. This manual provides essential information for the safe and efficient assembly, operation, maintenance, and troubleshooting of your grill. Familiarize yourself with these instructions before first use to ensure optimal performance and longevity of your Masterbuilt grill.



The Masterbuilt MB20040919 36-inch Charcoal Grill, fully assembled and closed.

SETUP AND ASSEMBLY

Your Masterbuilt MB20040919 Charcoal Grill requires assembly. Please follow the detailed assembly instructions provided in the separate assembly guide that accompanies your product. It is recommended to have two people for assembly due to the grill's weight and size. Ensure all parts are accounted for before beginning assembly. Pay close attention to any temporary support bars that need to be removed as indicated in the assembly guide.



An overview of the Masterbuilt MB20040919 36-inch Charcoal Grill, showing its main components.

OPERATING INSTRUCTIONS

Operating your Masterbuilt charcoal grill involves managing charcoal and airflow to achieve desired cooking temperatures.

Charcoal Management

- **Adjustable Charcoal Grate:** The grill features an easy-lift charcoal grate that can be raised or lowered to control the distance between the charcoal and the cooking grid, allowing for precise temperature adjustments.
- **Charcoal Access Door:** A cast iron charcoal door folds down, providing convenient access to add more charcoal during the cooking process without disturbing the food on the main cooking grid.



Close-up view of the Masterbuilt charcoal grill's front access door and adjustable charcoal grate mechanism.

Temperature Control

- **Adjustable Vents and Smoke Stack:** Two adjustable vents and a smoke stack are integrated into the grill design. These allow you to regulate airflow, which directly impacts the charcoal's burn rate and the internal temperature of the grill. Open vents increase airflow and temperature; closing them reduces airflow and temperature.
- **Built-in Temperature Gauge:** Monitor the internal temperature of your grill using the built-in temperature gauge for consistent cooking results.

Cooking Grid

The grill is equipped with a cast iron cooking grid. This grid can be easily lifted to access the charcoal bed underneath.



The Masterbuilt 36-inch Charcoal Grill in operation, demonstrating its cooking capacity and side shelves.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Masterbuilt charcoal grill.

Cleaning the Cooking Grid

After each use, allow the grill to cool. Scrape off any food residue from the cast iron cooking grid using a grill brush. For thorough cleaning, the cast iron grid can be removed and washed with warm, soapy water, then dried completely to prevent rust.

Ash Management

The grill includes an ash tray for easy ash removal. For simplified cleaning, consider lining the ash tray with aluminum foil before use. Once cooled, remove the ash tray and dispose of the ashes properly.

Exterior Care

Wipe down the exterior surfaces of the grill with a damp cloth. Avoid abrasive cleaners that could damage the painted finish. Store the grill in a dry location and consider using a grill cover to protect it from the elements when not in use.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Masterbuilt charcoal grill.

Temperature Fluctuations

If you experience difficulty maintaining a consistent temperature, check the following:

- **Airflow:** Ensure the adjustable vents and smoke stack are positioned correctly to regulate airflow. More open vents increase temperature, while more closed vents decrease it.

- **Charcoal Quantity:** Insufficient charcoal will lead to lower temperatures. Add more charcoal as needed through the front access door.
- **Charcoal Grate Position:** Adjust the height of the charcoal grate to bring coals closer to or further from the cooking surface.

Assembly Challenges

If you encounter non-fitting parts during assembly, do not attempt to force them. Refer to your assembly guide or contact Masterbuilt customer support for assistance. Attempting to modify parts may void your warranty.

PRODUCT SPECIFICATIONS

Masterbuilt MB20040919 Charcoal Grill Specifications

Feature	Detail
Brand	Masterbuilt
Model Number	MB20040919
Model Name	Charcoal Wagon
Fuel Type	Charcoal
Color	Black
Item Dimensions (L x W x H)	24.13 x 66.02 x 48.15 inches
Item Weight	147.4 Pounds
Material Type	Cast Iron, Stainless Steel
Included Components	Cast Iron Cooking Grid, Two Side Shelves, Storage Underneath, Temperature Gauge
Special Features	Adjustable Air Vent, Digital Temperature Control, Rust Resistant, Storage Rack, Superior Heat Retention
Required Assembly	Yes

WARRANTY INFORMATION

The Masterbuilt MB20040919 Charcoal Grill comes with a 90-day warranty. For complete details regarding warranty coverage, terms, and conditions, please refer to the official warranty documentation included with your product or visit the Masterbuilt website.

CUSTOMER SUPPORT

For any questions, assistance with assembly, troubleshooting, or to inquire about replacement parts, please contact Masterbuilt customer support. Refer to the contact information provided in your product packaging or on the official Masterbuilt website.