Assembly Guide

Model Numbers:
08401504
10401582
10401589
10401590
10401591
10401592
10401593
10401594

Propane cylinder sold separately.
Allow approximately 45 minutes for assembly.
**CAUTION:** For your safety, before operating, Read Product Guide & Outdoor Cooking Guide provided with this grill.

*SAFETY First…..Grill components may have sharp edges. Be careful when handling grill parts during assembly. We suggest that you wear a sturdy pair of leather gloves while handling the grill parts.

**BEFORE You begin assembly of your grill….**

1. Carefully remove all components from the carton.
2. Familiarize yourself with the components and hardware used for assembly.
3. Please note that hardware used for assembly may not be shown actual size.
4. After removing components from the carton, split the carton open and use it as a scratch-free work pad to assemble your grill.

**BEFORE You Grill….**

1. Read Product Guide & Outdoor Cooking Guide
2. Position Grill safely away from walls & structures
3. Pre-Heat Grill—15 minutes on High to season grill.

**TIPS & Tricks…..**

First - Go to charbroil.com to register your grill.
Take a moment to record the serial number here: _______________________________
When grilling, preheat your grill for 10 to 15 minutes with the lid down.
After grilling—the grill can be turned on High for cleaning and burning off the grate. - Use a wire brush to brush off the grate.
A light coat of oil on the grate will help prevent foods like fish and vegetables from sticking to the grate.

**NOTE….**

Installer: Leave instructions with the grill.
Consumer: Retain instructions for reference.
Grill must be installed in accordance with local codes…..
Designed for outdoor use only...
Read all instructions before operating...

**TOOLS REQUIRED FOR ASSEMBLY**

(Not Supplied)

Phillips Head Screwdriver
Small Adjustable Wrench
NOTE: Some grill parts shown in the assembly steps may differ slightly in appearance from those on your particular model. However, the method of assembly remains the same.
Step 1: Assemble the LH and RH Side Fascia (A1 & A2) to the Cart Base (A3) by aligning screw holes in the fascias with corresponding holes in the cart base. Secure with 7 each, #10x3/4 screws (7 per side) using a phillips screwdriver. Repeat for other side. NOTE: The lift handles are shown in the up position. You can complete steps 1 and 2 with the handles lowered if desired.

Step 2: Carefully place the cart assembly on its back. Install the Cart Leveling Feet (A4) by threading them into the bushings as shown. These leveling feet can be used to adjust your grill when using it on uneven surfaces. After installation of the leveling feet, place the cart in the upright position.

Step 3: Assemble the Wheels (A5) to the Cart Base (A3) by first sliding an axle rod through the wheel, then sliding the axle rod through the axle rod holes in the cart base. Secure with a wheel retaining clip. Repeat for the other side.

Wheel Retaining Clip - install after placing wheel and axle rod through axle hole.
<table>
<thead>
<tr>
<th>Part</th>
<th>Qty</th>
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<tbody>
<tr>
<td>B1 – Heat Shield</td>
<td>1</td>
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<tr>
<td>B2 – Fire Box Assembly</td>
<td>1</td>
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</tbody>
</table>

**Fasteners**

- #10-24 x 1 1/4" screw (qty 4)
- #10-24 nut (qty 4)
- #10 Lock washer (qty 4)
- Fiber Washer (qty 4)

**Note:** Before beginning this step of the assembly, raise the two side lifts to their highest position by pressing the button at the top of the handle and pulling upward on the handle.

**Step 1** - Install the **Heat Shield (B1)** to the firebox mounting brackets by engaging the tabs into the slots located in the mounting brackets as shown on the right.

**Step 2** - Install the **Fire Box Assembly (B2)** to the cart by first placing the firebox assembly onto the firebox mounting brackets. Be sure that the lid clasp is toward the front of the cart. Align the firebox screw holes with the corresponding holes in the mounting brackets. Insert 4 #10-24 x 1 1/4" machine screws and 4 fiber washers through the firebox and mounting brackets. Secure with 4 #10-24 nuts and 4 #10 lock washers from below the mounting brackets as shown below.
### Part List

<table>
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<tr>
<td>B3</td>
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<td>B5</td>
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<td>B6</td>
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<td>B7</td>
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### Fasteners

- 10-24 x 1/2" screw (qty 12)
- Fiber Washer (qty 8)
- 10-24 Nut (qty 8)
- Spacer for Lid (qty 2)

### Step 1 - Hinges (LH and RH) (B3 & B4)

- Attach the **Hinges (LH and RH)** (B3 & B4) to the **Firebox Bottom** by aligning the screw holes on the bottom of the grill with the corresponding holes in the hinges. Secure with 2 each #10-24x1/2" screws, 2 fiber washers and 2 #10-24 nuts as shown.

### Step 2 - Grill Lid (B5)

- Attach the **Grill Lid** (B5) to the **Hinges** by aligning the screw holes on the grill lid with the corresponding holes in the hinges. Secure with 2 each #10-24x1/2" screws, 1 spacer and 2 #10-24 nuts as shown.

### Step 3 - Heatshield (B6) and Handle (B7)

- Attach the **Heatshield** (B6) and **Handle** (B7) to the **Grill Lid** (B5) by aligning the screw holes in the handle and heatshield with the corresponding holes in the **Grill Lid**. Secure with 4 #10-24 x 1/2" Screws and 4 fiber washers. Do not over tighten the screws.
Step 1 - Install the Regulator Control Valve (C5) by first sliding the regulator lock toward the rear of the grill, inserting the Regulator Control Valve fully into the exposed burner tube, and then releasing the regulator lock. Next, press the end of the Ignitor Wire (C7) onto the pushbutton ignitor as shown.

Step 2 - Place the Side Shelves RH and LH (C1 & C2) into position by aligning the mounting rods with the bushing located in the firebox bottom. Press the shelves into place firmly. Place the Trough (C3) into the Firebox Bottom, then place the Cooking Gate (C4) into the Trough. The Cooler Bags (C6) rest on the bottom shelf of the grill cart, as shown.