

# Moss GRILLS

## Assembly Instruction for Single Barrel Grill

Thank you for purchasing your new Moss Grill. We know you must be excited to get grilling. But first it is important that you assemble your grill correctly for the safety of yourself, home, family, and pets.

These illustrated directions are designed to help:

- Assembled your grill quickly.
- Maintain your grill's good looks and performance for years of enjoyment.
- Operate your grill safely.

### Needed tools:

You will need the following four tools to build your grill.

- 7/16 wrench with open and closed ends.
- Socket Driver.
- Socket Wrench.
- Level.



### Parts List:



1 - Firebox  
*If equipped*



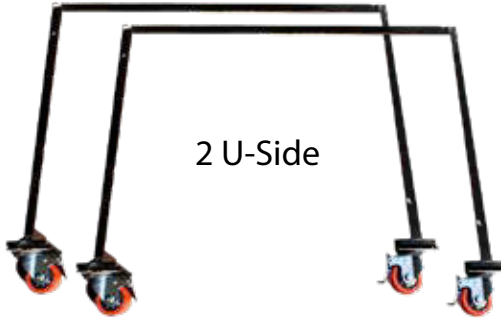
1 - 55-Gallon Barrel



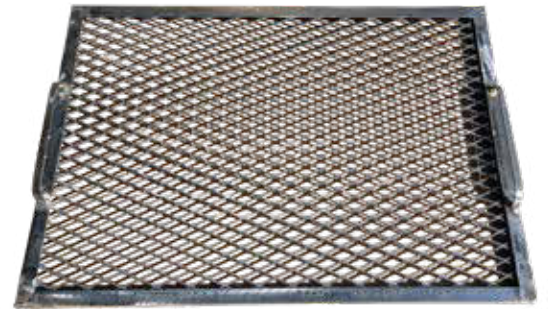
1 - Top Warmer Cooking Grate



1 Crossbar



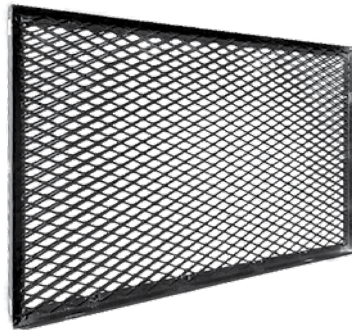
2 U-Side



1 - Sliding Cooking Grate



1 - Side Counter  
with Crossbar attached



1 - Bottom Rack



1 - Front Counter



1 - Bag of 7/16 Nuts & Bolts



3 - Firebox Nuts & Bolts  
*If equipped with Firebox*

### Inspect Your Boxes:

Inspect the boxes for damage.

They should be well sealed.



Call or email Moss Grills if boxes have been torn or damaged in shipping:  
[mossgrills@yahoo.com](mailto:mossgrills@yahoo.com) or **619-608-8129**

### Unpacking Your Grill:

1. We recommend that you select an uncluttered area about 10 x 10 feet to build your grill in. Begin by opening the more flat rectangular box. Lay it flat on the ground. Cut the sealing tape on both ends and rip the large flat box side open.



2. Locate bag of nuts and bolts.



3. Set wrapped packages (shelf assemblies and *Fancy-Pants* side walls) and cooking grate. Place these item aside together for later assembly.



4. Set Front and Back U-sides (may have wheels attached) and Bottom Rack together.



5. Take Bottom Rack and either U-Side.  
*If your grill shipped with Caster Wheels set to lock to make assembly easier.*
6. Match the numbers taped just above the foot/wheel on the bottom of U-Side to the Bottom Rack. Make sure your Bottom Rack is positioned with the frame lip up. This is so items placed on the shelf don't slip off.



7. Align the matching numbered holes of the front left corner of these parts together and insert bolt through hole in U-Side and Bottom Shelf. Secure with nut finger tight. We will make final tight after total assembly of the cart.
  - A. Repeat for front right corner on same side.  
Then repeat the same for opposite side of the cart.



8. Take the Short Crossbar (or Fancy Pants Side Wall), and match the taped position number to the number on the middle of the U-Sides. Secure all numbered holes with a nut and bolt. The Crossbar has 1-hole at each end.
  - A. If your cart has Fancy Pants Side Wall, these side wall panels will have:
    - a. 7-holes on the full side wall.
    - b. 8-holes on the Firebox side.



### The Counters:

#### 9. Unwrap Front and Side Counter Assemblies:

##### A. Side Counter Assembly:

- a. Take the Side Counter Assembly. Remove the screws securing its' inside Crossbar and the bottom of its' Side Support Arm.
- b. Match-up the numbered holes. Place the Side Counter on the Cart and the Crossbar on top of it. Secure Crossbar its' with 2-bolts with nuts. You can use your leg to help support it as you secure it.
- c. Move the Side Support Arm so the holes match with the Cart.

**TIP:**

- d. Pull the counter upward to help align the holes. Secure them with nut and bolts.



##### B. Front Counter Assembly:

- a. Take the Side Counter Assembly. Remove the 2-bolts on its' back corners.
- b. Match-up the taped numbered holes. Place the Front Counter Assembly on the Cart. Secure with 2-bolts with nuts. You can use your leg to help support as you secure it.



10. Check that all the nuts and bolts are securely tightened and that the cart is square and stable. It should not wobble or make any creaking sounds.

**Your cart is now complete and you're ready to assemble the cooking drums.**

### The Drum:

11. Unpack square thick box by positioning it on the end with the long side up.

- A. Remove the clear wrapping plastic around the box.
- B. Then split the box apart.
- C. Remove the protective wood packing material.
- D. Remove the clear wrapping plastic wrapped around the 55-Gallon Drum.



### TIP:

look for any loose or missing parts that may have fallen off during shipping, such as nuts or bolts

- E. Carefully open the 55-Gallon Drum door and remove everything inside.  
This may include:
  - a. Firebox
  - b. Top Grate
  - c. Accessories, such as rotisserie motor and spit.



### TIP:

This is a great time to place all the packing materials in the trash.

- F. Place the 55-Gallon Drum on the Cart .  
Position it all the way to the side shelf's top Crossbar.

### TIP:

It's easiest to place the 55-Gallon Drum on the Cart with 2-people.



12. If your grill is has a **Firebox** continue here.  
If you do not have a Firebox, continue down to step 13 below.

A. Unwrap the Firebox. Open the door and remove its' Charcoal Grate.



B. There are 3-mounting holes populated with a bolt assembly of:

- a. Bolt (long)
- b. Lock Ring
- c. Nut



C. Remove the 3-Bolt Assemblies from the Firebox.

- a. Reinsert first bolt in the top hole in the Firebox.
- b. Hold that bolt in place with your finger on the bolt head as you position the Firebox it the 55-Gallon Drum's top hole.



D. Slide the bolt into the drum's hole and secure with the lock ring. Make finger tight.

- a. Position the rim of the Firebox into the notched in bottom edge of the drum.
- b. Secure the other 2-bolts with lock rings and nuts.
- c. Tighten all 3-nuts and bolts securely using the wrench and socket wrench.



13. Open the 55-Gallon Drum and place the Level on the Main Grill Grate's slide. Turn the drum till the Level bubble is centered.



**TIP:**

Now is a great time to inspect the drum and Firebox for and paint scratches or bare metal. Use the High-Heat spray paint to touch-up if needed inside or out.

A. Place the Charcoal Grate back into the Firebox.



B. Slide the Main Grill Grate into its slides, and push into place.



C. Take the thinner Top Grate. Hold it at a slight angle, side to side, as you push it into its' top position.



14. Place the Stack Cap on the Smoke Stack.



15. Double check that all the nuts and bolts on the drums are secure and set tight!

**TIP:**

You may want to apply some High-Heat paint to the tightened nuts and bolts to look nice and prevent rust.

## Congratulations!

You have completely assembled your new Moss Grill.





### Safety Rules:

Before you ignite your grill, please follow all safety precautions.

#### WARNING

Only use your charcoal BBQ grills outdoors.

- **There is a very high risk of harm or death, to people and pets, if your grill is used in an unventilated and/or enclosed indoor space such as a garage or a tent.**
- Burning charcoal creates poisonous toxic gases such as carbon monoxide. *A lack of oxygen can cause asphyxiation!*

### Charcoal Grills Safety Rules:

- Position the grill 15 feet away from siding, deck railings, and out from under eaves or overhanging tree branches, shrubs, or other plants that could catch on fire.
- Place the grill a safe distance from lawn games, play areas, and foot traffic.
- Keep children and pets away from the grill area: Declare a 3-foot **safe zone** around the grill.
- Only use long-handled grilling tools and give the chef plenty of clearance from heat and flames when handling food, such as flipping burgers.
- Wear fire resistant mitts
- Don't wear long sleeves or baggy clothes. Such clothes can catch fire!
- Periodically remove grease or fat build-up in trays below grill so it cannot be ignited by heat.
- Keep a fire extinguisher nearby at all times.
- Never add starter fluid or any flammable or combustible liquid to a lit fire. Starter fluid poured onto a lit fire can cause an uncontrollable flash fire. Add more charcoal or use kindling instead.
- Allow burning charcoals to cool completely after grilling. Soak them in a pan of water. Dispose of used charcoal in a metal container so they don't reignite.
- Only use proper charcoal starter fluid. Store the can out of reach of children, pets, and far away from heat sources.

### Maintenance and Personal Safety:

- Check your grill frequently for cleanliness. Make sure no animals or bugs have crawled inside.
- Do not allow fat and grease to buildup. A hot grill can ignite fat and grease and start an uncontrolled fire.
- Cover the Custom Logo Plate when grill is not in use. Long exposure to sunlight may fade the image over time.
- Inspect your grill, inside and out, for paint scratches and chips. Touch-up paint any bare metal to prevent rust on your steel grill. Use **Rust-Oleum High Heat - Gloss Black** spray paint for the drum and firebox and **Rest-Oleum 2X UltraCover - Gloss Black** spray paint for the cart.

### One Last Thing...

All of us at Moss Grills thank you for allowing us to build your grill. We would love a picture of you using your grill! Please send us your best photo we may show your grill off on our company website.\* Email your photo and a brief description of what your cooking to: [mossgrills@yahoo.com](mailto:mossgrills@yahoo.com)

Thank you for choosing Moss Grills,



**Frederick Moss** — Founder Moss Grills LLC  
[www.mossgrills.com](http://www.mossgrills.com)  
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