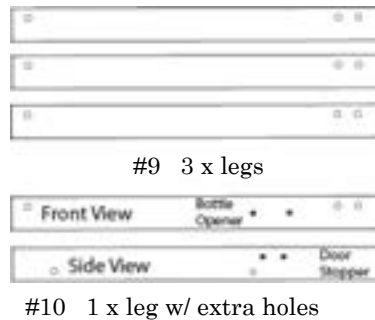


# Section One: ASSEMBLY INSTRUCTIONS

## ASSEMBLING THE LEG KIT

### Parts Needed:

- 3 x #9 Legs
- 1 x #10 Leg c/w Bottle Opener Mounting
- 1 x #11 Bottom Cabinet Shelf
- 4 x #13 Casters
- 1 x #12 Bottle Opener
- 16 x Screws 1/4" - 20 (AA)
- 2 x Screws 5/32



#13 4 x Casters



#11 Bottom Shelf

### Tools Required:

- 1—1/2" Open End Box Wrench
- 1— Adjustable Crescent Wrench
- Or
- 1— Phillips Screwdriver



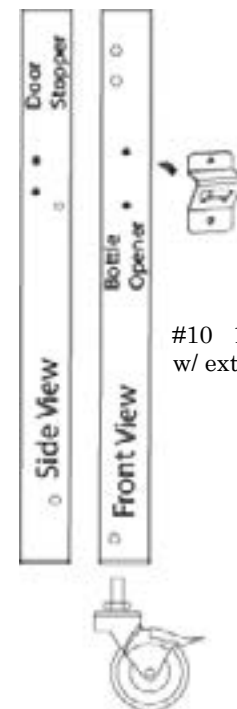
### Installation:

#### Step 1 Attach bottle opener to the leg

Your Pit Boss grill comes complete with the all important bbq necessity, a bottle opener, #12. "Use Responsibly"

To reduce frustration later, start by locating leg #10, the only leg with two extra screw holes, on the front as well as on the side.

- Using 2 x screws 5/32 and your Phillips driver carefully hand-start each screw through the opener and into the clinch nuts, then secure bottle opener # 12 in place.



#### Step 2 Attach casters to the legs

The bottom portion of all the legs, 3 x #9 and 1 x #10, have a threaded plate installed to allow for the two (2) locking and two (2) non-locking casters to be easily installed.

- Hand install the casters on the 4 (four) legs.
- Using your 1/2" wrench, turn each of the casters in a clockwise direction into the bottom leg plate. Turn ALL the way in.

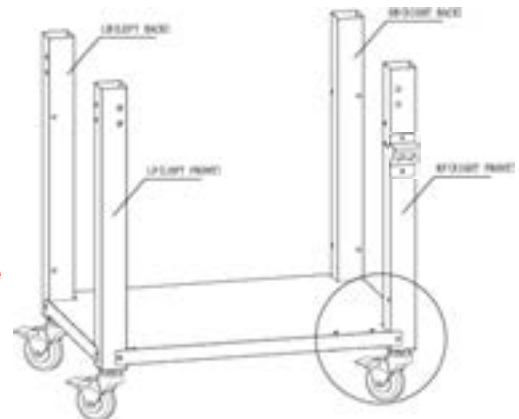
#### Step 3 Attach legs to bottom shelf

To ease installation, assemble the entire cart components on a raised work bench or flat surface. You will require all 4 legs c/w casters, #9 & #10, the bottom shelf, #11, and 8 x screws 1/4"-20 (AA).

- Ensure that the shelf is facing with the flat surface facing upwards.
- Begin by carefully sliding leg # 10, with the bottle opener, into the correct cut-out, front right hand side, ensuring the screw hole patterns match.

**NOTE: It is best to start each threaded screw by hand, to ensure the thread DOES NOT cross thread or strip.**

- Hand start two (2) of the screws (AA), into the leg, then secure firmly in place, using the screw driver.
- Repeat, the above steps, to secure the remaining 3 legs.



# Section One: ASSEMBLY INSTRUCTIONS

## ATTACHING LEG AND GRILL ASSEMBLY: - for S models only

**Note:** If you have the Pit Boss Model SC, that comes complete with the Cart Enclosure kit, please proceed to the next page.

### Hardware Required:

- 1 x Completed Leg Assembly
- 1 x # 4 Pit Boss Main Body
- 16 x Screws 1/4" - 20 (AA)

### Tools Required:

- 1- #2 Phillips Screwdriver



### Installation Steps

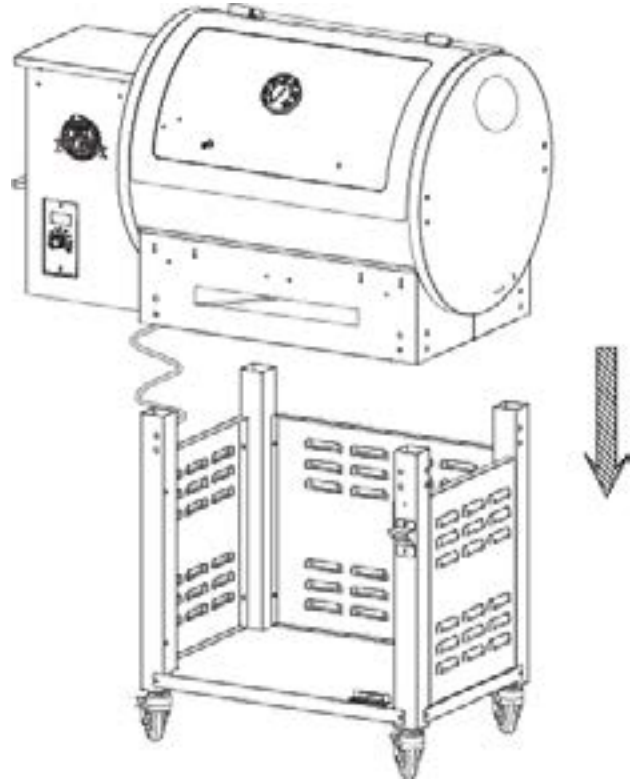


#### **WARNING!**

Due to the size and weight of the upper grill, the following installation step is a two (2) person job.

#### **NOTE:**

Damaged caused due to ignoring warning or improper installation is NOT a warranty issue.



### Step1 Attach The Grill And Leg Assembly

- Carefully lift the Barrel Smoker up and unto the Leg assembly.  
**Note:** This may require 2 people.  
The Barrel Smoker will slide down and over the leg assembly.  
OR  
Carefully stand the grease spout end of the barrel on a protective floor covering. Then insert the legs into the barrel. This makes a single person installation much easier.
- Starting at one leg:  
Line up the pre-drilled and clinch nut installed holes on the leg, (see diagram for location), and the punched holes on the side of the smoker. There are two (2) on the front and on the side of each leg.
- Using a Phillips head driver, install 4 of the supplied 1/4"-20 Screws (AA) into each leg, to secure each leg to the Barrel.  
**NOTE: It is best to start each threaded screw by hand, to ensure the thread DOES NOT cross thread or strip.**
- When one leg is complete, continue the same steps. On the remaining 3 legs.

PROCEED TO PAGE 12



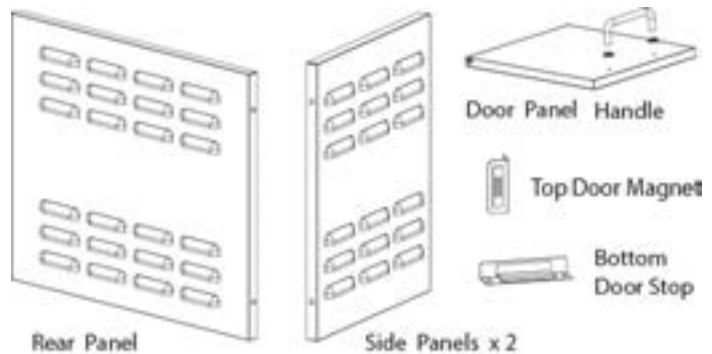
# Section One: ASSEMBLY INSTRUCTIONS

## ATTACHING ENCLOSURE KIT TO THE UNIT: (models SC only)

### Hardware Required:

- 1 x # 19 Rear Panel
- 2 x # 20 Side Panel
- 1 or 2 x # 21 Door Panel or Panels
- 2 or 4 x # 22 Handle Bezels
- 1 or 2 x # 23 7 1/4" Handle or Handles
- 1 x #24 Bottom Door Stop
- 1 x #25 Top Door Magnet

- 1 - Hardware Package #  
(for Enclosure Kit)  
16 x 5/32 Screws



### Tools Required:

- 1- #2 Phillips Screwdriver



### Installation Steps

To ease installation, assemble the majority of the enclosure kit to the leg assembly, on a raised work bench or flat surface.

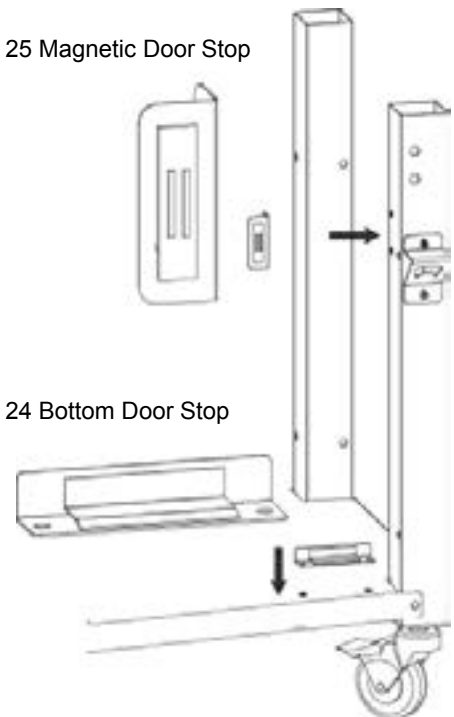
#### Step 1 Attach Door Stops: - Single Door Model

You will require the Bottom Door Stop # 24 and the Magnetic Door Stop #25, as well as 4 x 5/32 screws.

- Install the Bottom Door Stop #24 using 2 x 5/32 screws and your Phillips Screwdriver. Ensure that the flat bottom of the Door Stop is facing toward the front of the cart, while the raised stop is facing toward the back of the cart.
- Line up the pre-drilled screw holes on the bottom cart plate, with the holes on the bottom of the stop. Hand start the screws first, then use the correct tool to attach firmly to the cart shelf.
- Install the Top Door Magnet #25 to the side of Leg #10, (with the Bottle Opener) using 2 x 5/32 screws. Ensure the raised magnet is facing toward the front of the cart, while the flat surface with the screw holes, is facing toward the rear of the cart.

# 25 Magnetic Door Stop

# 24 Bottom Door Stop



#### Step 1 B Attach Bottom Door Stop: - Double Door Model

You will require the Bottom Door Stop # 24 and 2 x 5/32 screws.

- Install the Bottom Door Stop #24 using 2 x 5/32 screws and your Phillips Screwdriver. Ensure that the flat bottom of the Door Stop is facing toward the front of the cart, while the raised stop is facing toward the back of the cart.
- Line up the pre-drilled screw holes on the bottom cart plate, with the holes on the bottom of the stop. Hand start the screws first, then use the correct tool to attach firmly to the cart shelf.



# Section One: ASSEMBLY INSTRUCTIONS

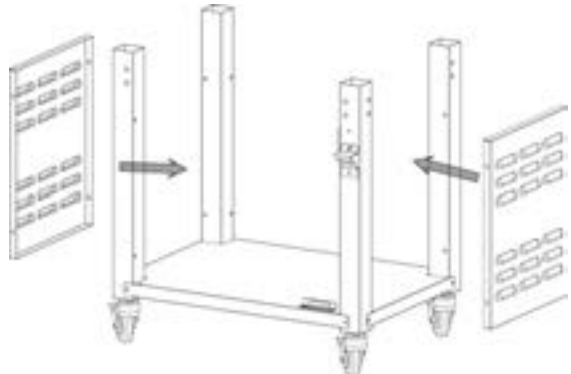
## ATTACHING ENCLOSURE KIT TO THE UNIT: (models SC only)

### Installation Steps

#### Step 2 Attach Side Panels:

You will require the 2 x Side Cart Panels and 8 x 5/32 screws. Both Side Panels are identical.

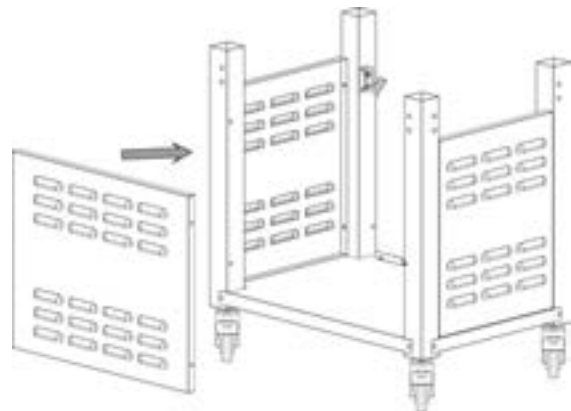
- Install the right hand side panel first. The exterior of the panel will be flush with the outside edge of the legs and the bottom shelf.
- Line up the four (4) pre-drilled screw holes on the sides of the legs, with the holes on the side of the panels. Hand start each of the screws first, then use the correct tool to secure them firmly to the cart shelf.
- Install the left panel, following the same procedure.



#### Step 3 Attach Rear Panel:

You will require the 1 x Rear Cart Panel and 4 x 5/32 screws.

- This panel will install with the exterior of the panel will be flush with the outside edge of the legs and the bottom shelf.
- Line up the four (4) pre-drilled screw holes on the sides of the legs, with the holes on the side of the panels. Hand start each of the screws first, then use the correct tool to secure them firmly to the cart shelf.



**WARNING!** Due to the size and weight of the upper grill, the following installation step is a two (2) person job.

**NOTE:** Damaged caused due to ignoring warning or improper installation is NOT a warranty issue.

#### Step 4 Attach The Grill And Leg Assembly

You will require the upper grill, leg assembly and 16 x 1/4-20 screws.

- Carefully lift the Barrel Smoker up and onto the Leg assembly.

**Note:** This may require 2 people.

The Barrel Smoker will slide down and over the leg assembly.

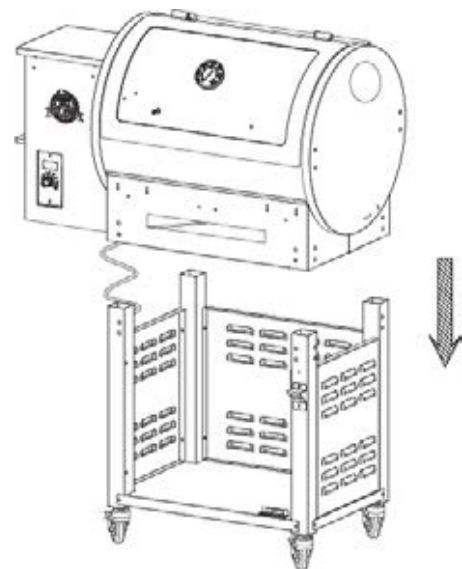
OR

Carefully stand the grease spout end of the barrel on a protective floor covering. Then insert the legs into the barrel. This makes a single person installation much easier.

- Starting at one leg:  
Line up the pre-drilled and cinch nut installed holes on the leg, (see diagram for location), and the punched hole on the side of the smoker. There are two (2) on the front and on the side of each leg.
- Using a Phillips head driver, install 4 of the supplied 1/4" - 20 Screws (AA) into each leg, to secure each leg to the Barrel.

**NOTE:** It is best to start each threaded screw by hand, to ensure the thread DOES NOT cross thread or strip.

- When one leg is complete, continue the same steps. On the remaining 3 legs.



# Section One: ASSEMBLY INSTRUCTIONS

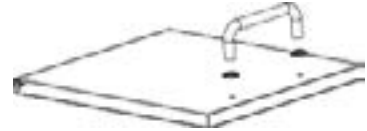
## ATTACHING ENCLOSURE KIT TO THE UNIT: (models SC only)

### Installation Steps

#### Step 5 Attach The Door Handle - Single or Double Door

You will require the Front Door panel(s) (#21), Door Handle (s) (#23), door handle bezels (#22), and 2 x 5/32 screws.

- Insert screw through the rear of the door panel.
- Place bezel over the protruding screw.
- Place handle over the screw and bezel. Begin to secure screw to the handle. **DO NOT TIGHTEN!**
- Place bezel over the second hole in the door.
- Place handle over the bezel.
- Insert the 2nd screw, through the rear of the door panel, and insert through the bezel and into the hand.
- Firmly secure this screw into place, then firmly secure the first screw.



#### Step 6 Attach The Cabinet Door (S)

You will require the Front Door panel or panels, #21

- PUSH down on the top door hinge pin (see diagram), while inserting the bottom door hinge pin to the hole or holes supplied in the bottom shelf.
- When the top door hinge pin is lined up with the top cabinet holes, release the pressure on the spring loaded pin, and the pin will pop up into the hole.

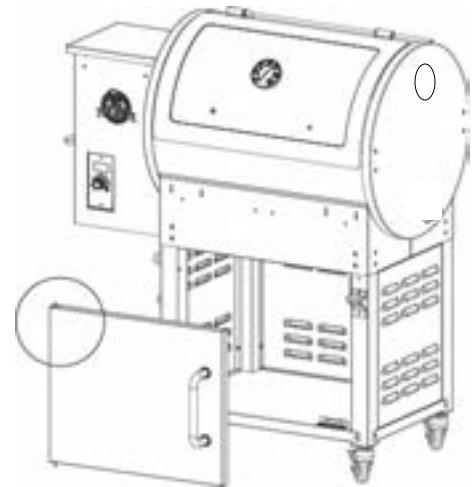
If your model comes with 2 doors, simply repeat the above procedure to install the second door.



Model 700SC



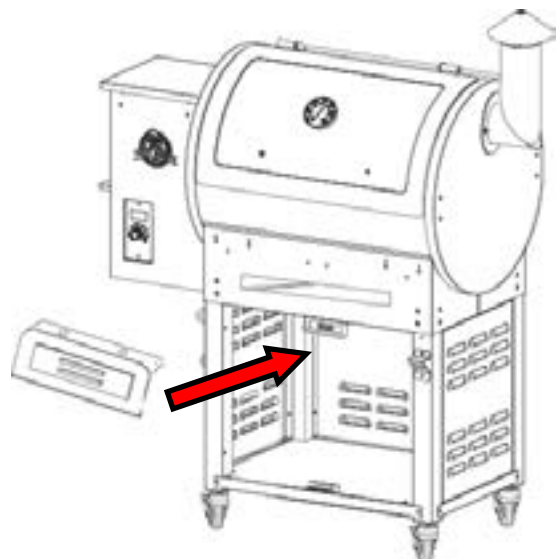
Model 820SC



#### Final Step Attach The Magnetic Door Stop - Double Doors only (820SC)

You will require the Magnetic Door Stop, #25, 2 x 5/32 screws and your Phillips screwdriver. Ensure that the magnetic strip is facing toward the front of the opening, while the flat bottom of the stop faces toward to rear of the grill.

- Insert a screw through the magnetic door stop
  - Line up the screw with one of the two holes located along the bottom edge of the front grill skirting.
  - Begin to secure screw to the handle. **DO NOT TIGHTEN!**
- Insert the 2nd screw, through the magnetic door stop and firmly secure this screw into place, then firmly secure the first screw.

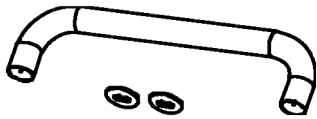


# Section One: ASSEMBLY INSTRUCTIONS

## ASSEMBLING THE REMAING COMMON COMPONENTS

### ASSEMBLING THE LID HANDLE

#### Parts Needed:



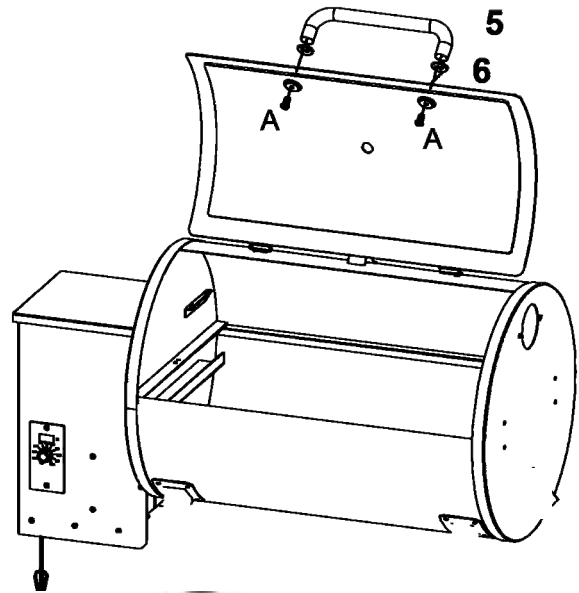
- 5 Lid Handle
- 6 Decorative Washers x 2 (Bezels)
- Insulation Cardboard

#### Hardware Required:

 Screw 1/4"- 20\* 3/5" x 2 (AA)

#### Installation Steps

- Insert one screw (A) from inside the lid, through the hole provided in the lid.
- Place one Bezel (6) over the screw, then line-up the handle (5) with the threaded end of the screw.
- Hand start the screw into the handle,
- Repeat procedure for other end of handle.
- Using your wrench securely tighten ALL screws (A)



### ASSEMBLING—LID STOPPER

#### Parts Needed:

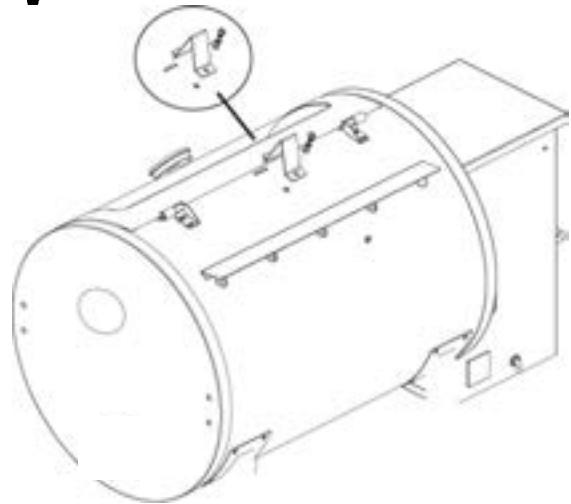


#### Hardware Required:

Screw 1/4"- 20\* 3/5" x 1 (AA)

#### Installation Steps

- Slip the Lid Stopper front lip into the slot provided Located at the top of the barrel in the middle.
- Using the screw driver, secure the Lid Stopper to the barrel with one 1/4" - #20 x 3/5" (AA) screw. Take care not to over-tighten.



### ATTACHING THE SMOKE STACK - (820S/820SC ONLY)

#### Parts Needed:

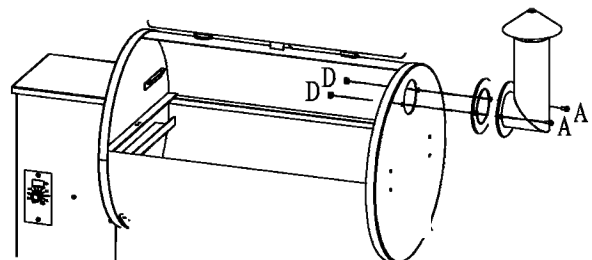
Smoke Stack  
Smoke Stack Gasket

#### Hardware Required:

Screw 1/4"- 20\* 3/5" x 2 (AA)

#### Installation Steps

- Using the 2 screws (AA) insert them through the stack section, through the gasket, then finally through the barrel end.
- Hand start, then secure in place using your Phillips Screwdriver.
- NOTE: DO NOT lower the chimney cap tight to chimney stack. You must allow air to escape.



# Section One: ASSEMBLY INSTRUCTIONS

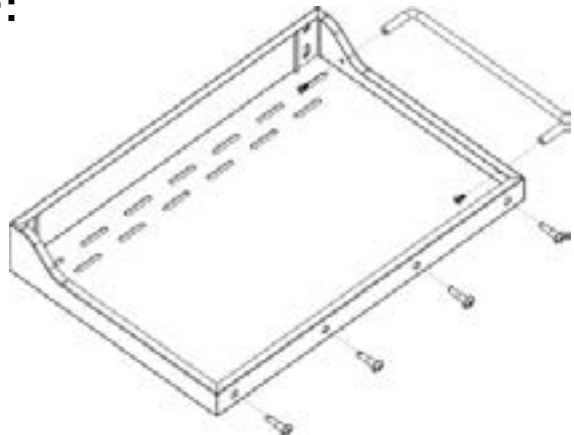
## INSTALLING THE SOLID SIDE SHELF:

### Parts Required:

- 1 x #20 Side Shelf—Black—Solid Side Shelf
- 4 x #21 Side Shelf—Tool Hanger w/ nuts
- 1 x #22 Side Shelf— 10" Long Chrome Hanger Bar w/screws
- 4 x Multi-Head Screws (AA)

### Tools Required:

Large Phillips Screwdriver  
or  
Phillips Drive Bit and Drill



### Installation:

#### Step 1 # 21 Tool Hangers

- Remove the nuts from all four (4) tool hangers.
- Insert individual tool hanger into the four (4) holes provided in the side shelf top, # 20.
- Hand tighten each nut, Then tighten to a snug, secure fit, using a wrench.

#### Step 2 # 21 Chrome Hanger Bar

- Remove the two (2) screws from the bar hanger.
- Insert the screws through the two (2) holes provided in the front of the side shelf top, # 20.
- Using a Phillips screwdriver to tighten to a snug, secure fit.

#### Step 3 Side shelf to Cabinet

There are four (4) screws (AA) used to secure the shelf to the cabinet.

- Begin by hand starting each of the four (4) screws, then using a Phillips screwdriver tighten to a firm, secure fit.



Model 700SC



Model 820SC

**IMPORTANT:** DO NOT use the Side Shelf to move or lift the unit. Because of the size, **it will break**. This is not a warranty item.

# Section One: ASSEMBLY INSTRUCTIONS

## PLACING THE COOKING COMPONENTS

### COOKING GRIDS (2)



Your Pit Boss grill comes with Cast Iron main cooking grids. Cast Iron is an excellent heat absorber and is still the best way to produce those “steak house” sear markings.

NOTE: To maintain the searing and grilling performance of your cooking grids, as well as their longevity, some special care and maintenance is required as with any cast iron cooking tools.

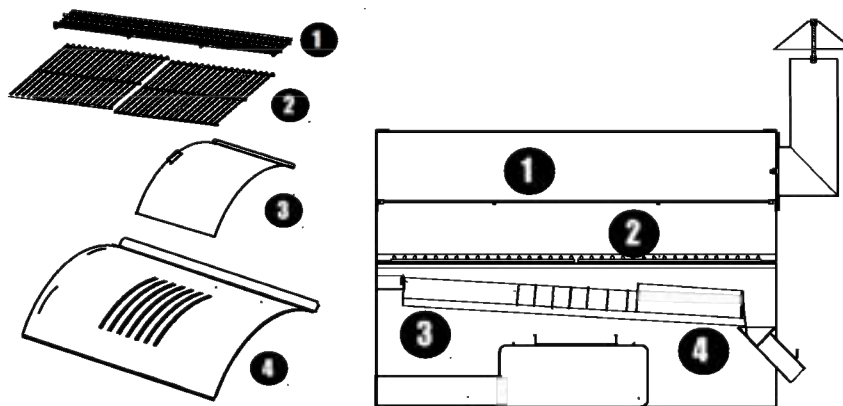
### UPPER COOKING RACK (1)



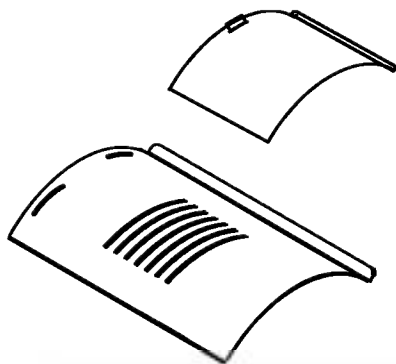
Place this Porcelain Coated steel grid on to the two brackets found on either end of the barrel

### Parts Needed:

Upper Cooking Rack (1)  
Cooking Grids (2)  
2 pc Flame Broiler (3 & 4)



### FLAME BROILER / SLIDER (3 & 4)



The Pit Boss Flame Broiler allows you to choose from either INDIRECT or DIRECT cooking, as well as to channel the extra grease toward the grease bucket. When hot the excess grease and juice evaporate to add more natural flavor back into whatever you are cooking.

- Hook the longer arched and slotted steel broiler, on to the holder located at the hopper end, just below the cooking grid standoffs. The other end will sit in the notches found on the grease catch tray. **(A)**
- The smaller plate is used to slide over the openings of the larger plate, to open or close the access to the flame. **(B)**

**NOTE:** When using the DIRECT cooking method, **DO NOT** leave grill unattended.



# Section One: ASSEMBLY INSTRUCTIONS

## INSTALLING THE GREASE TRAY

### Parts Needed:

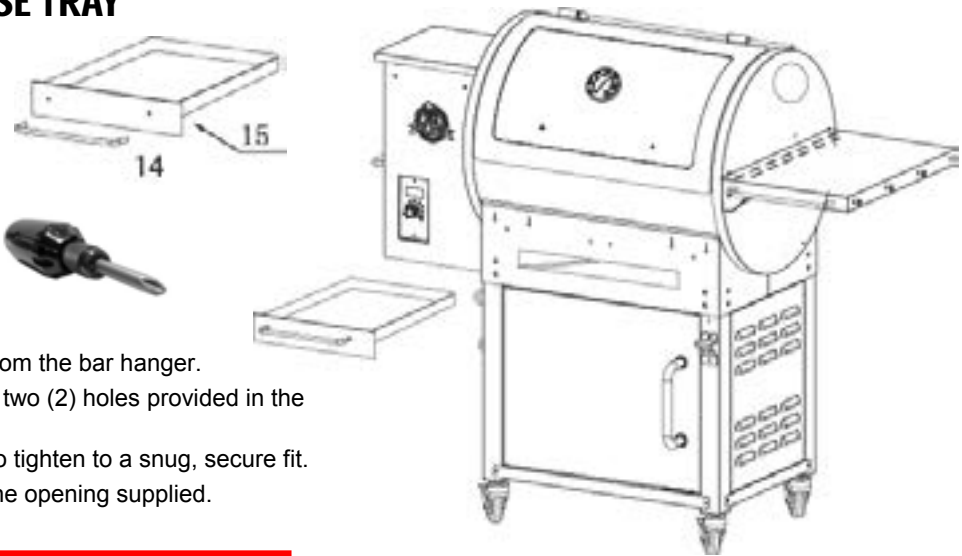
- 1 x # 14 Chrome Handle
- 1 x # 15 Grease Tray

### Tools Required:

- 1- Phillips Screwdriver

### Grease Drawer

- Remove the two (2) screws from the bar hanger.
- Insert the screws through the two (2) holes provided in the front of the grease tray # 15.
- Using a Phillips screwdriver to tighten to a snug, secure fit.
- Simply slide the drawer into the opening supplied.



**TIP** To aid in cleaning and reduce maintenance, line the grease drawer with foil, or a thin layer of sand.

## HOPPER FUEL CHANGE OUT

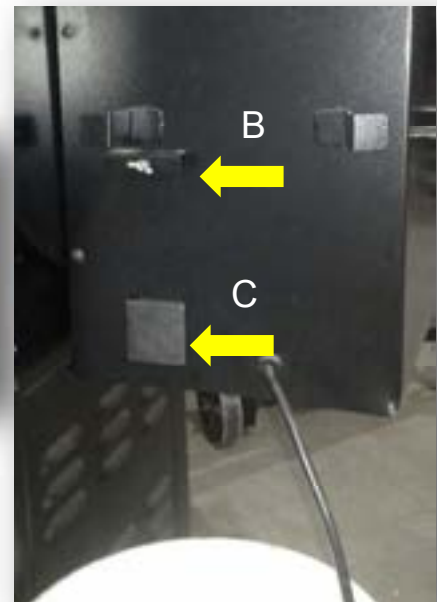
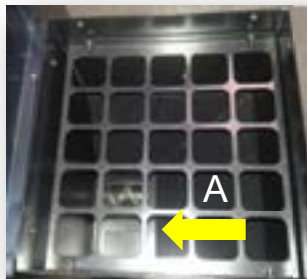
Your Pit Boss grill may come with a Fuel Change Out feature. This feature allows for easier change out of fuel flavors and cleaning out of the hopper with the safety screen installed.

Ensure Slide Plate (B) is secured in place.

### TO USE:

1. Place a clean, empty bucket under the drop chute.
2. Remove the Drop Chute Cover. (c)
3. Remove screw securing plate (B).
4. Slide plate (A) fully out toward you.

Note: The hopper will not empty 100%.



\*\* Due to ongoing improvements, product is subject to change without notice.

## FINAL INSPECTION AND CLEANING:

**ALWAYS** clean dirt, dust and oils from ALL surfaces before you use the unit. This can cook into the metal and discolor it.

Using a soft cloth and hot soapy water, thoroughly clean all surfaces and ensure all screws are secure. Stainless Steel Cleaner and a soft rag can be used on all stainless surfaces.



# Section One: ASSEMBLY INSTRUCTIONS

## HOOKING UP TO POWER

**NOTE:** Before plugging your Pit Boss into any electrical outlet ensure the Temperature Dial is in the "OFF" position.

### AT HOME

- This appliance requires 110 Volt, 60Hz, 5 amp service.
- It must use a 3 prong grounded plug.
- The control uses a 5 amp 120Volt Fast-Blow fuse to protect the board from the igniter.

### GFI Outlets

- This appliance will work on most GFI Outlets. Recommended size 15 amp.
- If your GFI outlet is highly sensitive to power surges, it will very likely trip during the ignition phase of operation. During the ignition phase, the igniter is drawing 300—700 watts of electricity which can be too much power for a GFI outlet to handle. The quality of the GFI does not matter, rather the sensitivity matters. Each time a GFI trips it does increase in sensitivity.

**Solution:** 1. Install a brand new GFI .  
2. Plug the appliance into a non-GFI outlet.

### ON THE ROAD

- By disconnecting the Igniter, from the main wiring harness, your Pit Boss can be run using a 12 volt , 100 watt inverter plugged into your automobile outlet. Then light your smoker using the manual method. (found in lighting instructions)
- If you do want to continue to use the automatic igniter, it is recommended to use a minimum of a 1000 watt inverter.



## GRILL PREPERATION

### INITIAL FIRING INSTRUCTIONS

**These instructions should be followed the first time the grill is ignited and each time the grill runs out of pellets.**

#### STEP 1

Remove Cooking Grids and Flame Broiler from the interior of the grill.

#### STEP 2

Open the Pellet Hopper Lid. Make sure there are no foreign objects in the Auger or Hopper.

#### STEP 3

With the Temperature Dial in the OFF position, plug the power cord into a grounded outlet.

#### STEP 4

Open the main lid. Turn the Temperature Dial to the SMOKE position.

Check the following items:

A. That the Auger is turning.

DO NOT place fingers or objects in the Auger Tube. This can cause injury.

B. Place your hand OVER the Fire Pot and feel for air movement.

DO NOT place your hand in the Fire Pot. This can cause serious injury.

C. Wait approximately 1 minute you should smell the igniter burn off and start to feel the Air getting warmer. The igniter tip DOES NOT glow red hot.

DO NOT touch the Igniter. This item gets extremely HOT and will burn.

#### STEP 5

Turn the Temperature Dial to OFF.

#### STEP 6

Fill the Pellet Hopper with all natural BBQ pellets.

#### STEP 7

Turn the Temperature Dial to SMOKE. Allow the pellets to come to full flame. Once flames are coming out of the Fire Pot, turn the Dial to OFF, and let the grill cool down.

#### STEP 8

After grill has cooled, re-install the Flame Broiler and Cooking Grids into grill.