

Front Panel Replacement- 1600 Plus

Est time: 30 minutes... **UNPLUG THE ROASTER !!!!!**

The replacement of the front panel is not a difficult procedure it merely is time consuming. You will be removing the left and right side panels along with top panel. In the process you will remove in total 26 screws.

Before starting the procedure familiarize yourself with the written portion and photos.

Recommendation: As you remove a panel, place the screws for that panel inside its open cavity of that panel to prevent losing or mixing with others. 21 screws will be the same size (some stainless steel others black), and 5 smaller.

Tools (Photo A): one short Philips head*screwdriver, one long (8-9") Philips head screw driver (***Highly recommended magnetic tipped***), pliers (needle nose are great) and wire cutters for snipping a wire tie- TAKE CARE TO NOT CUT ACTUAL WIRING. * Short Philips Head should have a flattened (NOT POINTED- pointed will strip screw head) tip. The ideal short Philips head is a #2 x 4" narrow handle

The roaster (see photo B) has three main panels each with varying number of screws holding them in place. Remove them in the following order

- A) Right side panel- 6 screws. Three screws under the panel lip, three on the angle and back. Once removed slide from back to front.** **Side Panel fan is attached so remove slowly, then disconnect DC power wire from PCB**
- B) Left side panel- 7 screws. Same as right side with an additional screw inside by the chamber door. To locate open the chamber door and look just inside the door opening, left side. The screw just inside the door is smaller than the rest. Be sure to not mix. Once removed slide the panel from back to front
- C) Top Panel- 8 screws. Four screws are located under the lip of the door opening. These screws are smaller than others use Small Philips head as noted above- Do Not mix. Four screws located along the top back. Wait to remove the top (see below)

To remove the top panel you must first straighten a "T" shaped clip (see Photo C- black arrow) so it slides through a guide (same photo- yellow arrow). To straighten the "T", take a set of pliers, look inside the top right side of the roaster, just above the control panel. You will note the "T" has been twisted/moved to be at an angle. Take the pliers and move the end portion of the "T" so that it is flat and horizontal. This will enable the flange to slide through the guide

Once done, rotate the top panel (photo D), so the left side swings out, then gently slide the right side free from the guide. When doing this note how it came out so during reassembly you repeat in reverse. You now should have a roaster as shown in Photo E.

Our next step is to remove the panel itself. This will be done by removing 5 screws (Photo F- yellow arrows) and disconnecting a ribbon/flat cable and the power cable (Photo G- yellow arrows).

You will need the long Philips head screw driver (highly recommend magnetized tip-This could prevent losing screws).

Before removing the front panel, take a moment and look at the front of the roaster specifically the gap between door and panel. You'll refer back to this mental note later.

Start with the three screws that go along the side of the roaster. We suggest removing the lower one #3 (Photo F) then working up to #1 .

Now the bottom two screws #4 and #5. Start with #4 then #5. For better understanding of their position see Photo I, # 4 and # 5

Carefully lay the panel flat so you can disengage the ribbon. If there is glue, it is easily dislodged/removed. Disconnect the cable and wire.

Before doing anything further take special note of the pin (rests in a little notch) for the door (Photo H) and the groove (yellow box) on the front panel's side. When replacing the panel you will need to make sure the pin slides into the groove properly. One item that helps insure this at the base of the panel you have a square opening (Photo I) that fits over a plastic protrusion (Photo I-yellow square) on the base of the roaster.

Front Panel Replacement cont. 1600 Plus

Re-assembly

Now for reassembly which is doing everything in reverse as before, with a few hints/tips on making things easier

First step would be to plug in the front panels two connectors.

Next replace the panel paying close attention to the pin and groove as noted previously (Photo H) and re-insert screw #1. Once you replaced screw #1 look at the front of the roaster and check the bottom area by the pin, then look upwards. Is the gap similar in spacing as before? If, No- remove screw #1 and redo.

If yes, plug in the roaster and re-test the PCB as described in the roast manual:

To insure all functions are working properly press each button within each group in the following order: Press all Weight buttons starting with ¼, ½, to 1 noting time in the display changes. Next, Profiles starting with P1 through P5, noting changes on the display. Next, Programs A through D, again noting display changes. Next press, each (+ then -) Increments, Light, Cool, then lastly OFF. Start will be tested in the next step. ** Failure to follow the order as indicated, will possibly lead to the false impression buttons C and D are not functioning. These buttons are designed to not function in certain instances as discussed in Part V Paragraph 6 of the manual.

Now Test 2: unplug the roaster- while holding/ pressing Start- plug in your roaster then release Start. You should see a series of numbers and hear components (fans) and lights come on- This should cycle fully twice- Note 120 should appear early in the self-test **Now-----**
Unplug the roaster !!!!!!!.

Did everything test OK?

If no ..

Recheck your two connections. Make sure everything is properly re-inserted. Plug in the roaster and retry. If you are without a display, unplug the roaster and contact us immediately at tech@behmor.com Subject: front panel replacement

If yes, let's finish up.

Start by re-inserting all the screws. Start with #5 to re-insure the panel is properly in place, then do 4, 3 and 2.

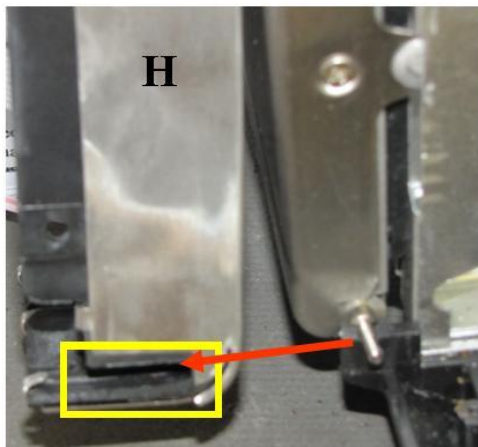
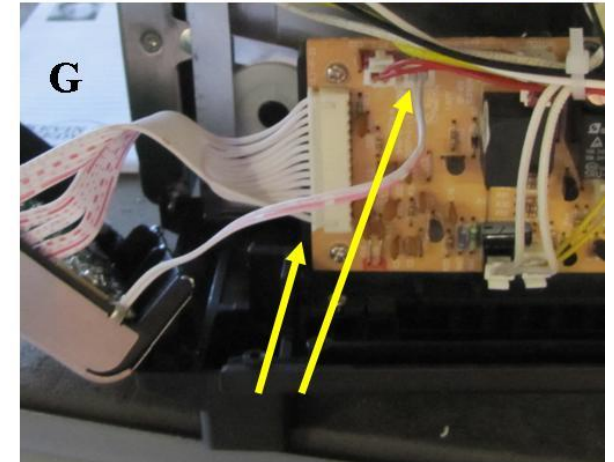
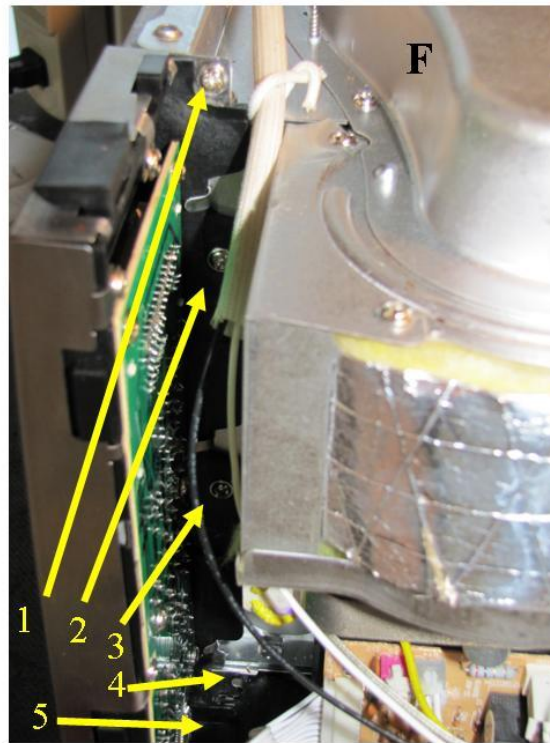
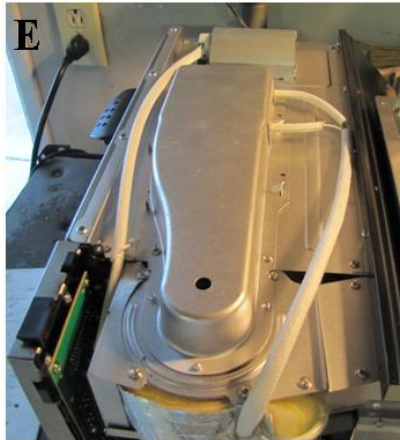
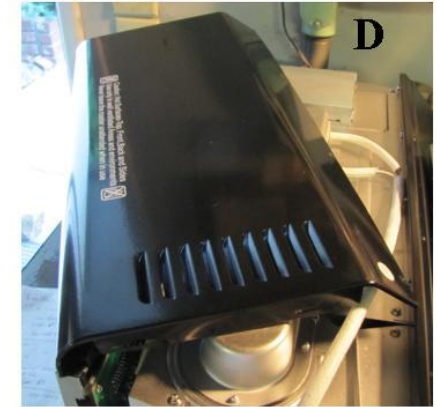
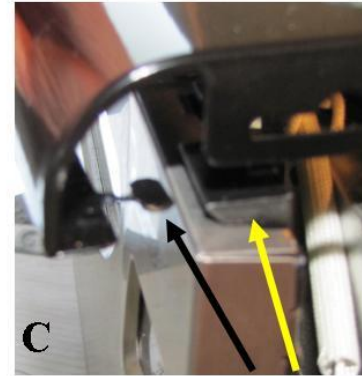
Next for the top panel. -----Remember the "T" and guide as noted previously (Photo C)?

With the panel horizontal, gently insert the "T" through the guide and swing it around so that it lays flat on the top of the roaster. Do a visual check of the area on top of the control panel to insure is it flat. If yes, bend the "T" so the panel is locked into place.

With the top panel in position, open the roaster's door to start with the four small screws that are used for under the lip. If you've ever replaced a tire you know the lug nuts should be done in a specific order. Same logic is applied here. Do not tighten any screw all the way until all are in part way. The first screw should be top left, then top right, finally the middle two. Once they are part way seated, tighten them all in the same order. Following this procedure will insure the panel is properly aligned for each screw.

Next the top panels back for screws, far left, far right then the middle areas.

Lastly the two side panels. Left panel first (remember the small screw inside), then right side panel. Make sure in each instance you have all of the front and side guides going into their respective holes/openings. Don't forget to reattach the side panel DC Fan.



3 Screws along the chamber wall (1-3)
2 Screws at the base of the panel (4-5)

