



Main Burner Replacement

Parts Needed:

Phillips head screwdriver #2
Needle Nose Pliers



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1.



Remove cooking grids from the main bowl assembly by lifting the parts up and out of the main structure. Set the grates aside in a dry, safe place.

2.



Remove the flame tamers from their original position covering the main burners by lifting the parts up and out of the main bowl assembly. Set the flame tamers aside with the cooking grids.

3.



The tubes are the burners that need to be removed. These may look like the above picture, but may also look more like a question mark or more bulky than those shown above.

4.



At the end of each burner tube, there will be a connection. In this manual, we will be focusing on the cotter pin assemblies. Other models may have basic screws that are in the same location as the cotter pin assembly

5.



Remove the cotter pin from the bolt. We recommend using needle nosed pliers as you may need to bend the two ends of the cotter pin straight in order to remove it from the bolt.

6.



Save the cotter pin, as well as the bolt that the cotter pin mounts through. Set them aside in a safe place as you will be reinstalling those parts on the new burner.

7.



Remove the screw that mounts the ignition electrode to the main burner. The bracket and electrode should be shifted aside slightly as to not be damaged when removing and replacing burner.

8.



Remove the burner from the bowl assembly by first lifting the end of the burner that mounts to the back of the grill, then pull the rest of the burner from the recess at the front of the bowl assembly

9.



Locate the new burner that you wish to install into the grill.

10.



Place the front end of the burner into the recess at the front of the bowl assembly first.

11.



When installing the burner at the front of the unit, make sure that the entrance of the main burner is fitted securely around the valve nozzle where the orifice is located.

12.



Slide the cotter pin bolt into the bottom of the bracket where the burner mounts. Hold the bolt in place from below.

13.



Slide the back end of the burner over the bolt. Do not release your hold on the bolt.

14.



Place the cotter pin through the bolt's end protruding through the top of the burner. You may now release your hold on the bolt as it is held in place by the cotter pin. Bend the end of the cotter pin as to lock the burner in place.

15.



Secure the ignition mounting bracket back to the burner mount. Make sure the ignition wire is 1/8th of an inch away from the main burner, and aimed at the top of a hole in the burner.

16.



Repeat steps 4 – 15 for each additional burner that needs to be replaced. When you are finished replacing all of the burners, replace the flame tamers over the burners. Set each flame tamer evenly over each of the burners.

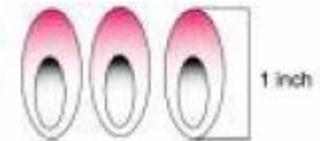
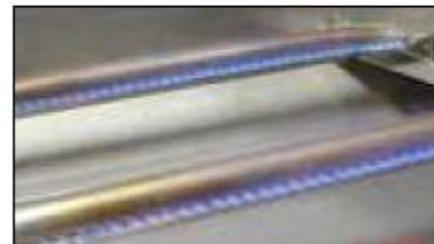
17.



Replace the cooking grids into the grill.

Recap

Burner Flame Check



With the burners in place, there should be a 1-inch flame on the burners while the unit is in operation at the high setting. The grill should reach temperatures in excess of 500 degrees within 10 – 15 minutes.

If you need further assistance, please call us at 1-800-913-8999, and use option 1 to reach technical support.