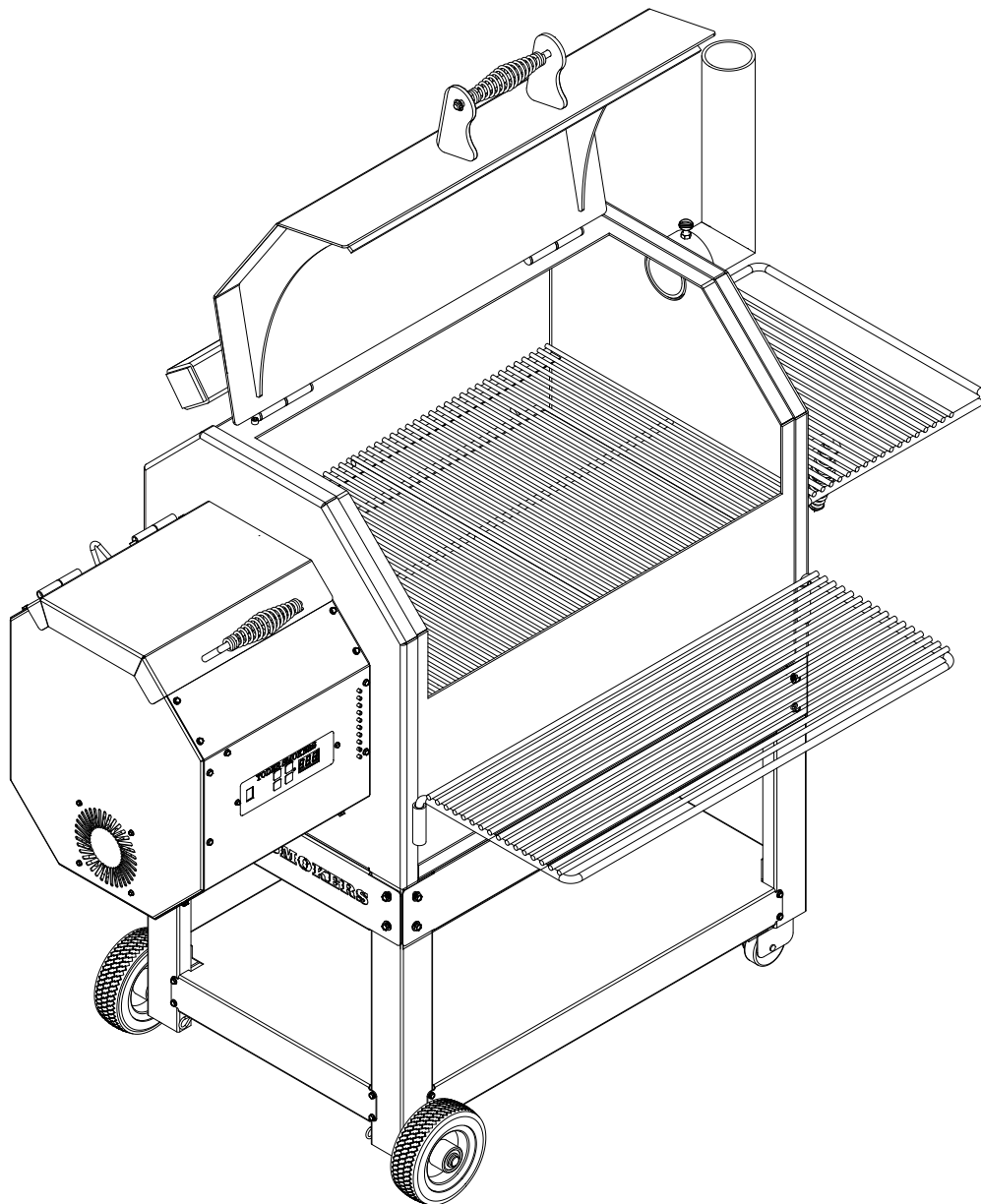




Pellet Smoker

PROCEDURE FOR CHANGING THE HINGES

(IK-90737)

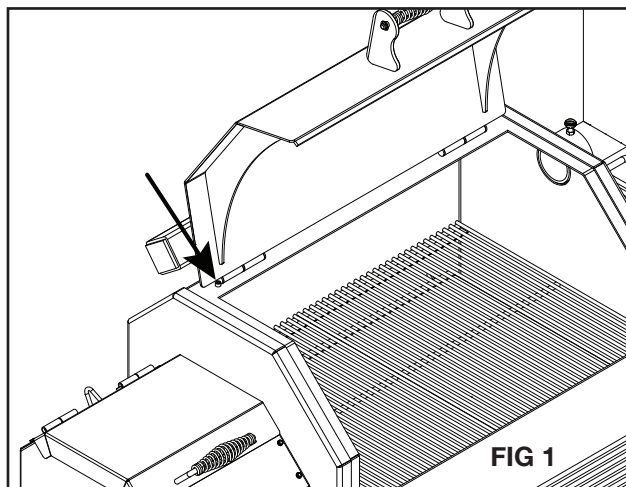


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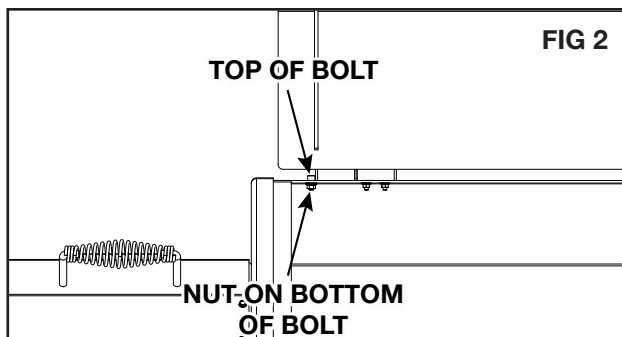
Procedure for Changing Hinges

TOOLS REQUIRED

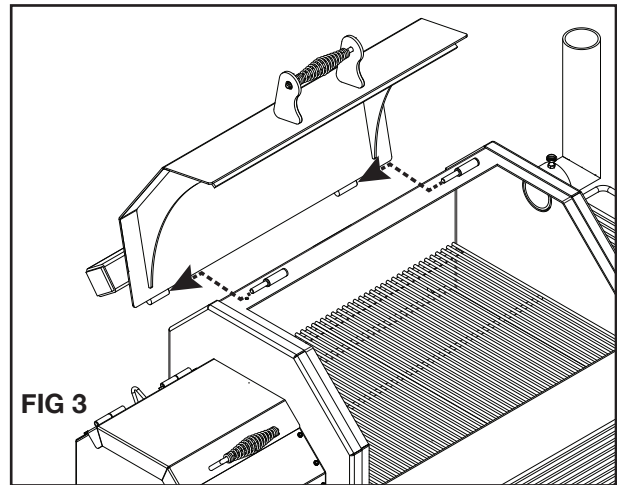
1. Angle grinder
 2. 2 in 1 cutting and grinding disk
 3. Phillips screwdriver
 4. Set of allen wrenches
 5. 7/16" wrench or socket
 6. 3/8" wrench or socket
 7. Drill
 8. lid fixture
 9. chamber fixture
 10. 7/32 Drill bit
 11. 9/32 Drill bit
 12. High Heat Flat BlackPaint
1. Remove the cooking chamber lid from the smoker, you will have to remove the bolt that secures the lids in place. See **FIG 1**.



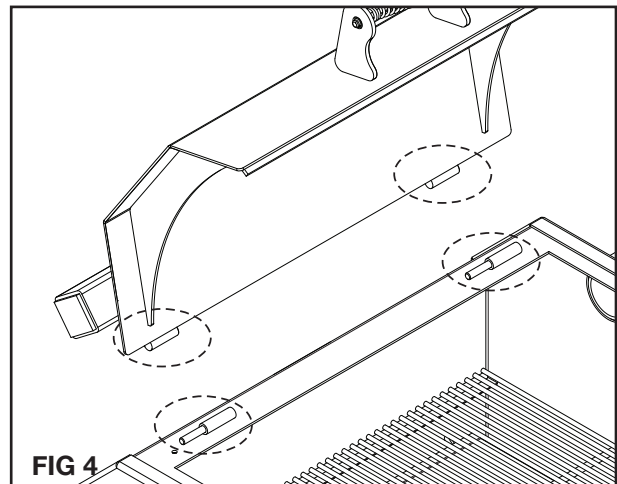
2. To remove the bolt, open the lid on the cooking chamber and place your finger on top of the bolt to hold it in place and take a 7/16 inch wrench or socket to remove the nut on the bottom of the bolt. **NOTE:** You may have to use an allen wrench to hold the bolt in place if it is too tight.



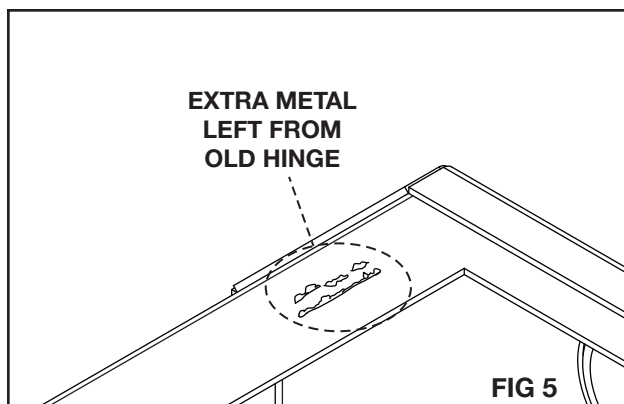
3. After the bolt is removed, grab the lid and pull it in the direction of the hopper assembly. See **FIG 3**.



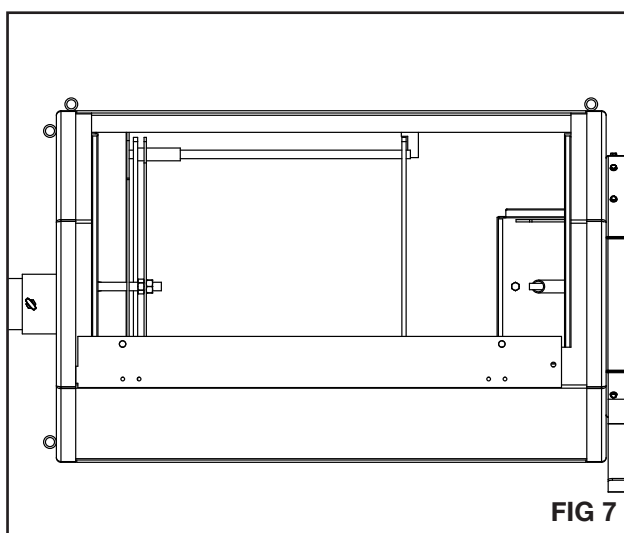
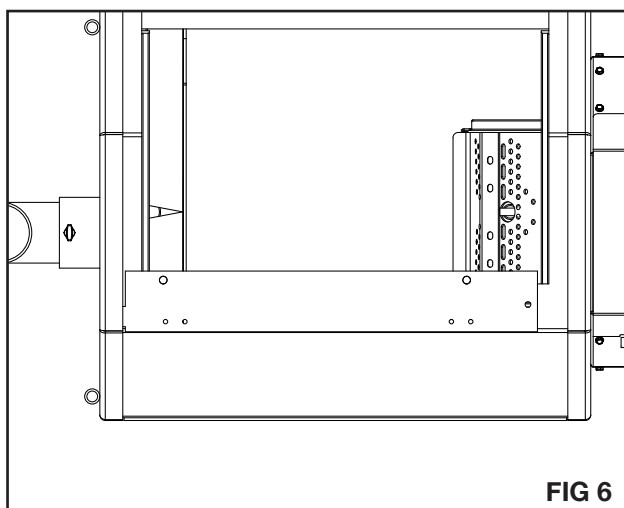
4. Set the lid on a sturdy surface and take an angle grinder and cut the hinges off of the lid. Do the same with the hinges on the body of the smoker. See **FIG 4**.



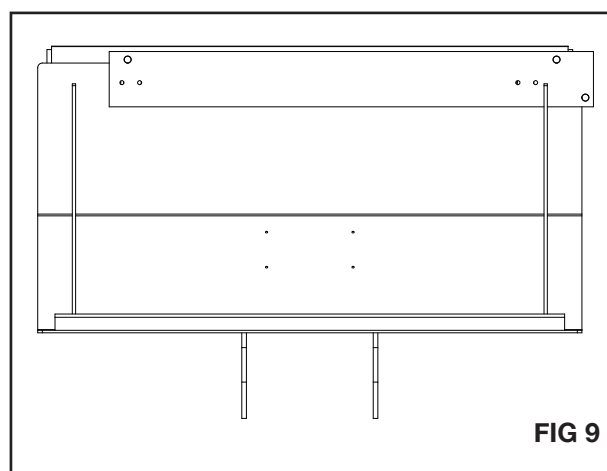
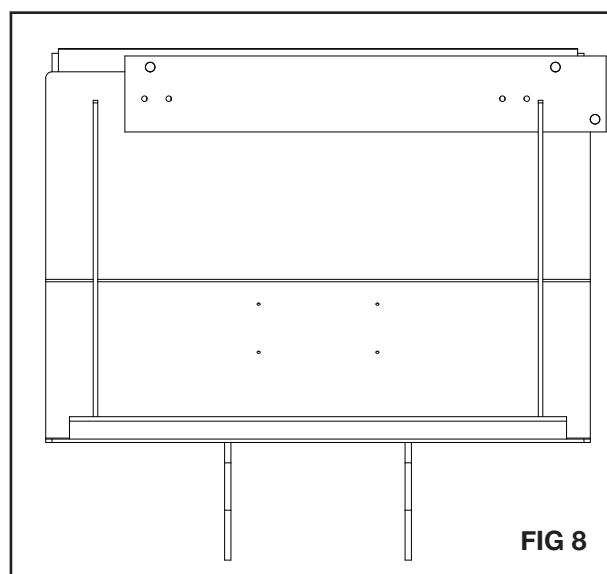
5. Once the hinges have been cut off, grind any extra metal where the hinges were located so the area is smooth. See **FIG 5**.



6. Install the chamber fixture by locating the pins against the inside edge of the chamber and sliding to the left. Place a clamp in the center of fixture to secure it to the chamber. For YS480 see **FIG 6**. For YS640 see **FIG 7**.

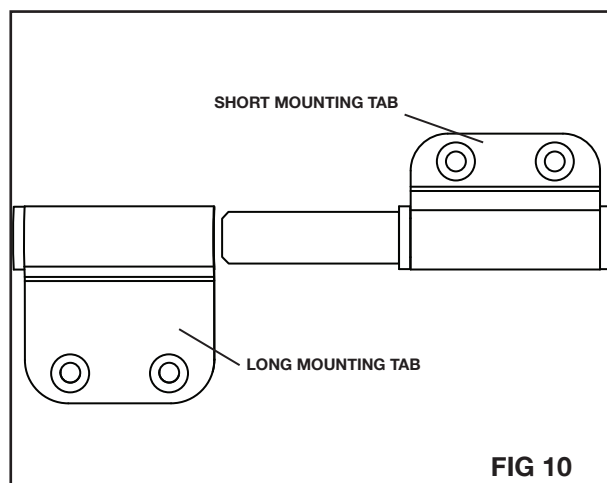


7. Place the lid drill fixture onto the inside of the lid. Make sure to locate all 3 pins against the edge of the lid. Place a clamp in the center to secure the fixture to the lid. For YS480 see **FIG 8**. For YS640 see **FIG 9**.

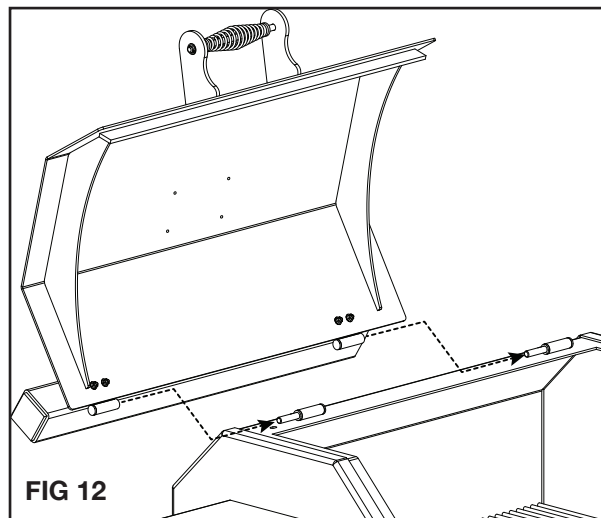


8. Take a drill and use a 7/32" bit to drill the holes for the hinges. Then use the 9/32" drill bit to drill the lid retaining bolt hole in the chamber only.
9. Using high heat flat black paint, paint the bare metal surfaces to match the rest of the grill.

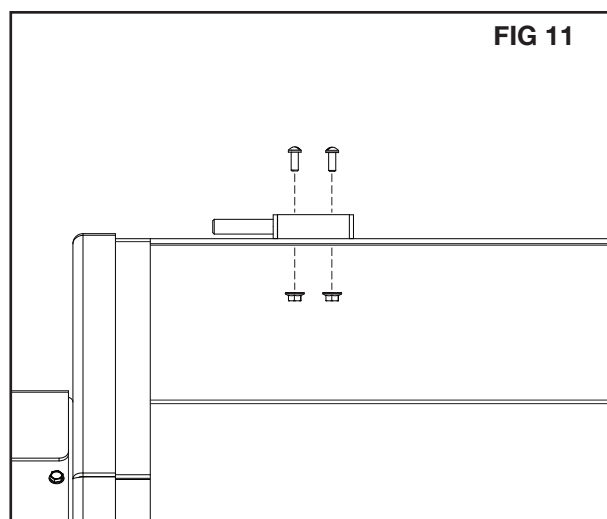
10. The hinge is constructed as a two piece design, the side that attach to the cooker body has the short mounting tab. The long mounting tab should bolt to the cooker door. See **FIG 10**.



12. With the hinge halves attached, slide the hinges together making sure the washer is in between the two hinges. See **FIG 12**.



11. Using a phillips screwdriver, hold the bolt in place and tighten the retaining nut. Use a 3/8" sized wrench or socket to tighten the nut. See **FIG 11**.



13. Reinstall bolt that was removed from step 2. See **FIG 2**.

End of Procedure