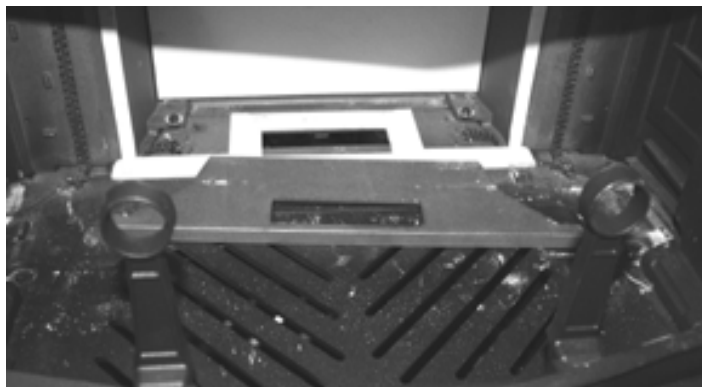


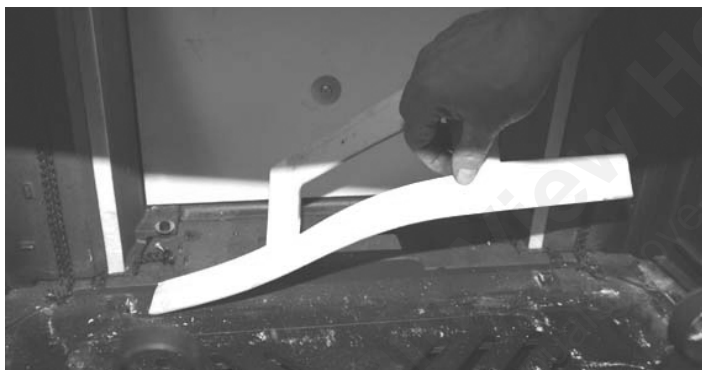
## COMPLETE TEAR DOWN

**Tools Needed:** Phillips screwdriver, 7/16 driver

1. Remove the top and interior components as per the earlier service procedures.
2. Lift out the grate in the bottom of the stove.
3. Remove cast iron refractory support.



4. Lift out the refractory support fiber gasket that sits underneath the refractory support.



5. Take out the Rear Fiber Board by removing the 1/4 -20 bolt, nut and washer. The back is now open.



6. Remove the air wash manifold attached to the front by two 1/4 -20 x 1 1/2" hex head cap screws.



7. Remove the left and right air manifolds held on by two 1/4 -20 x 1 1/2" hex head cap screws in each manifold. The manifolds are just inside the door opening on either side. See below for the right air manifold being removed.



8. Remove the primary air control thermostat assembly. With an Allen key wrench, remove the primary air control handle assembly.



## Complete Tear Down Cont...

9. Slide the primary air thermostat assembly out of the right side and lay it down on the bottom of the stove connected to the cable. Be careful not to lose the spring and washer.



12. Remove the left and right ends. Each is held in by 2 hex head cap screws and washers—one into the back and one into the bottom.



10. See photo below of stove as it should look at this point.



13. Remove the two hex head bolts holding the back to the bottom and take the back off.



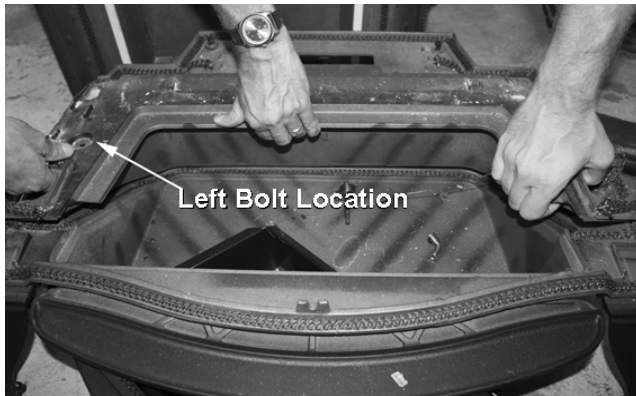
11. Remove the front. First lift the self adhesive gasket off the perimeter of the stove top. Remove the three hex head cap screws and washers—one into each side and one into the bottom. Lift the front off the body.

14. Stove should now look like the photo below.



## Complete Tear Down Cont...

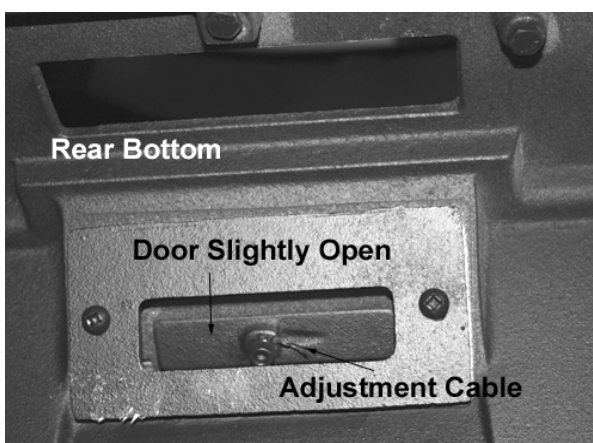
15. Remove the inner bottom held to the bottom by 2 hex head cap screws.



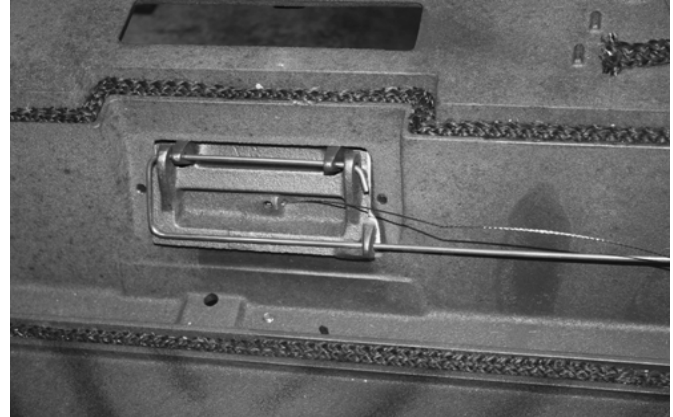
16. See photo below with inner bottom removed showing the primary air valve.



17. Remove the primary air valve system held on by 2 Phillips flat head bolts and sealed with a gasket. The whole assembly with the cable and thermostat will come out together. When re-installing, make sure the door cable is adjusted so the door fully closed when stone cold.



18. The photo below shows the primary air valve assembly from the inside.

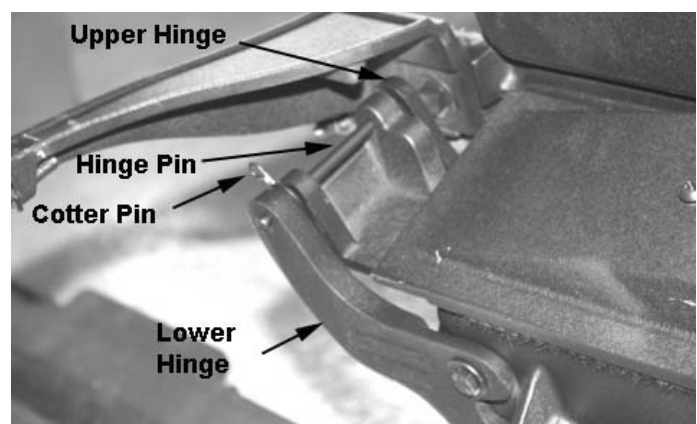


19. Remove the ash lip held on to the bottom



by 2 Phillips flat head bolts.

20. Remove the ash door. Pull the cotter pin out and move the hinge pin down and out. The lower and upper hinges are held on by



1/4-20 hex head cap screws and washers.

21. Legs are held in by four 3/8-16 hex head bolts and 3/8" washers and may be removed with a 9/16" wrench.