

Replacing the Model 200/201 Classic/Fireview Baffle

Before you proceed, please read through all of the instructions first. Confirm that you have all of the necessary parts and tools. Allow about an hour to complete the replacement. If you have questions, technical support is available by calling 800-866-4344 from 9-5 ET, Monday-Saturday.

Tools Needed:

- 1/2" wrench
- 1/2" socket
- 9/16" socket
- 6" socket extension
- socket wrench
- putty knife
- wire brush
- ball peen hammer
- standard caulking gun

Recommended:

- work gloves
- safety glasses
- shop vac

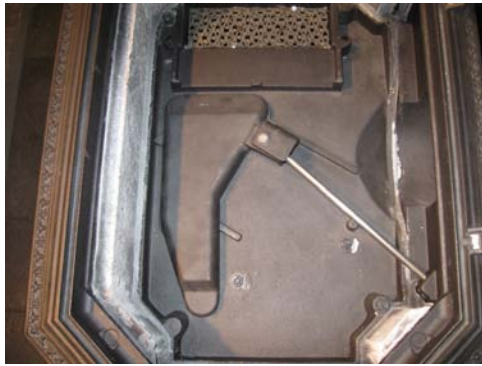
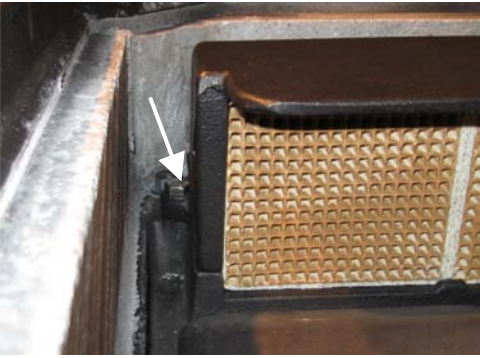
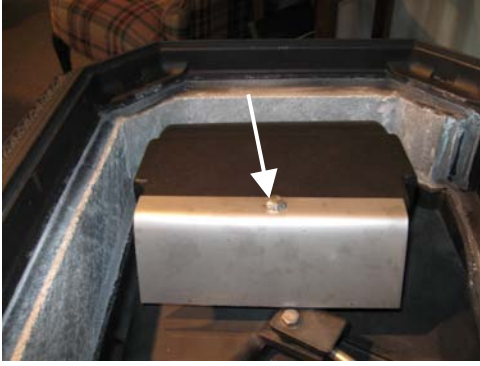
Materials:

- W-101a Baffle (1)
- W-301 Expanded Metal (1)
- 21092 5/16" gasket (6')
- W-2489 Eyebolt & Nut (2)
- W-1800 Furnace Cement (1 tube)
- 21870 3/16" gasket (2')
- 3" self adhesive gasket
- W-1605a Gasket glue (1 bottle)
- 21085 1/4" gasket (15")
- W-2569 5/16" x 1" SS bolt (2)
- W-2558 5/16" SS hex nuts (2)
- W-2559 5/16" flat washer (4)

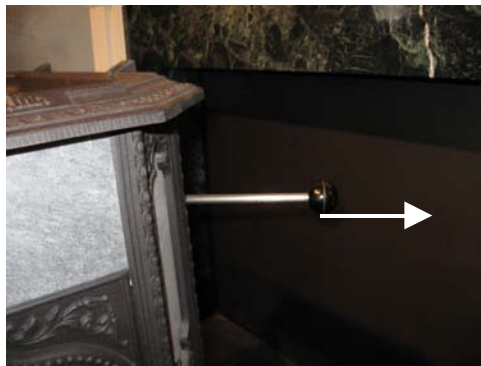
1. Make sure the stove is cool.
2. Remove the top lid assembly from the stove. This lid is not fastened down and will lift straight up and off.



3. If your stove has one, remove the stainless steel deflector from the cast iron hood, using a 7/16" wrench or socket. Remove the cast iron combustor hood by removing the two bolts using a 1/2" wrench or socket on the top side of the baffle plate and another 1/2" wrench on the nuts on the bottom side of the baffle plate. Remove the combustor and hood.



4. Remove the black knob from the end of the stainless rod by pulling outward. You may need to tap it with your hammer handle.



5. Lift up the bypass casting and rotate it 90° counter clockwise. Slide the stainless rod out of the flue collar and remove the bypass.

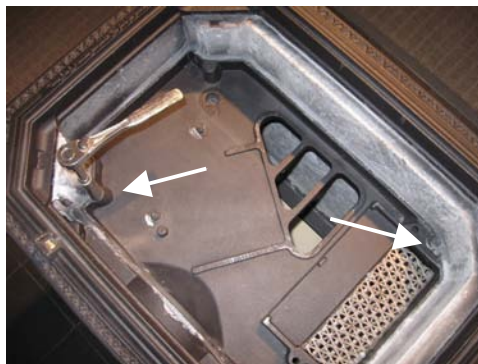


6. Remove the secondary air tube from the firebox side of the baffle by holding the bolt in the firebox with a wrench and turning the nut on the top side of the baffle with a socket and lower the tube off the baffle (Alternately, you can do this step after you have completely removed the old baffle).



Note: Certain models will not have a secondary air tube. Check the flue collar located at the rear of the stove. If you do not have a 3/4" diameter hole in the bottom left hand corner of your flue collar then you do not have a secondary air tube.

7. Using a 9/16" socket and 6" extension remove the nuts from the two eyebolts found at the corners of the baffle. (NOTE: Depending upon the age of your stove, you may need to remove 4 eyebolts. You will only replace 2.)



8. Use a putty knife to remove or separate the old furnace cement, around the perimeter of the baffle, from the stone. Remove as much of the furnace cement (and the old gasket underneath) as you can.
9. Place one hand through the bypass ports in the baffle and lift up on it. Jiggle the baffle slightly to slowly break it free from the stove and lift it out, combustor side first. NOTE: Despite your best efforts, the old baffle may refuse to come out willingly. If so, rather than break a sweat, break the baffle by hitting it upward with your ball peen hammer from the firebox side of the stove. (DO NOT HIT THE BAFFLE FROM THE TOP DOWN AS YOU MAY BREAK THE CASTINGS THAT

SUPPORT THE BAFFLE. BE SURE TO WEAR SAFETY GLASSES IF YOU DO THIS!) Once the old baffle is out, continue removing as much of the dried furnace cement as you can.



10. Insert the new baffle. Lower the door side of the baffle first and then carefully lower the combustor side. Due to normal variances from stove to stove it is very possible that the baffle will not fit right in. If it does not, then move the baffle up and down where it gets caught which will leave a visible mark on the stone and casting. Either grind some material off the baffle or use a putty knife and hammer to carefully remove just enough stone to allow the baffle to rest on the vertical supports naturally.



11. Insert new 5/16" gasket along the perimeter of the baffle and then apply a bead of furnace cement over it. Use your fingertip (you may want to put a piece of plastic wrap over your finger first) to press the cement firmly into the seam and leave a smooth finished look.



12. Replace the two eyebolts making sure they are properly seated over the tab on the vertical supports. Fasten them using the nuts and a 9/16" socket and 6" extension.



13. If the gasket on the secondary air tube needs to be replaced, remove the old gasket, scrape off the old gasket glue using a flat blade screwdriver or putty knife and apply a thin bead of gasket glue and apply a new 3/16" gasket along the channel. Use a strip of the self adhesive gasket for the air hole on the end of the tube.



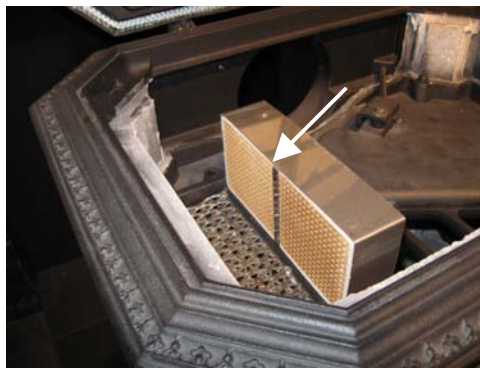
14. Attach the air tube to the baffle using the two 1" long bolts from inside the firebox and fastening with a washer and nut on the top side of the baffle. (Your replacement baffle has this hardware pre-attached. If you attach the secondary air tube, you will have 2 flat washers left over.) If

the slots in the baffle are not covered completely by the washer fill the hole with some furnace cement.

15. Replace the pivot plate by inserting the end of the rod through the hole in the flue collar. Rotate the pivot plate 90° clockwise and place the pivot end into the cavity of the baffle. Replace the black knob.



16. Install the combustor so that the stainless divider faces the left wall.



17. Replace the 1/4" gasket on the bottom side of the combustor hood using gasket glue.



18. Install the combustor hood and place the two bolts down through the hood and into the baffle for alignment. You do not need to tighten the bolts with nuts. The nuts are only needed for shipping the stove. Replace the stainless steel deflector, if you have one.

19. Replace the top lid.



20. Once the repair is complete, you may fire up your stove right away, however, we recommend that you recheck the furnace cement seal after 2-3 days of burning and add cement if necessary due to shrinkage.

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