



Technical Data Sheet

Shelburne 8370 Front Casting Replacement *Part #2310-745**

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#2310-745 – Stove Front Casting
4 Ft – 3110-057 3/8” Medium Density Gasket

TOOLS REQUIRED:

7/16” Wrench
7/16” Socket w/ Extension
Phillips Screwdriver

BEFORE YOU BEGIN: Work on a cool stove. To replace the front, you first must remove the top casting. The primary air manifold and stainless steel throat baffle are connected to the front. These are removed with the old front and reused on the new piece. Remove the front door striker plate with a Phillips screwdriver and retain it for use on the new front.

PROCEDURE:

1. Open the front door and pull it straight up and off the stove. Retain the hinge pins and washers for reassembly. Carefully set this out of the way until it is ready to be put back on the stove.
2. To remove the front, you will first need to remove the top casting. Locate the two bolts on the back of the top casting which are accessible from outside the stove. Remove these bolts with a 7/16” wrench or socket. To remove the front two bolts, you will need to reach through the stainless steel throat baffle in the front of the firebox with a socket and extension.
3. With the top casting off, you can reach into the stove and remove the entire secondary air manifold system. This consists of the ceramic baffle, baffle support, stainless steel air tubes, and the secondary air manifold itself. It will lift straight up and out of the firebox.
4. Using a 7/16” wrench, remove the two upper bolts that hold the front casting and primary air manifold to the left and right side panels.
5. Expose the bolts securing the bottom of the front casting and primary air manifold by lifting up the two firebricks in the bottom of the firebox directly behind the front casting and primary air manifold. Remove these bolts with the 7/16” wrench.

***2510-745** refers to the matte front. Order enameled fronts by the desired color.

6. The front casting and primary air manifold are now loose in the stove. Before taking these out of the stove, you will need to loosen the four bolts in the back of the firebox; this allows you to slightly spread the side panels for removal of the front casting and primary air manifold. It can now be lifted up and out of the stove.
7. Position the removed assembly face down on a smooth or protected surface. Using the 7/16" wrench or socket, remove the four bolts that hold the primary air manifold to the front. Save the primary air manifold and stainless steel throat baffle for use on the new front casting.
8. Place the fresh 3/8" gasket on the new front casting. Place the gasket into the gasket channel with the ends extending out about two inches on each end of the gasket channel (use the original front as a guide).
9. Position the primary air channel on top of the new front casting. With the stainless steel throat baffle in position, draw them together by replacing the four bolts previously removed in step number seven. Tighten the bolts with the 7/16" wrench or socket.
10. Place this assembly back into the stove. Replace the lower bolts in the bottom casting. Replace the firebrick after tightening the bolts. Replace the bolts on the upper left and right hand sides and tighten them with the wrench. Tighten the four bolts holding the back of the panels that were loosened in step number six.
11. Place the secondary air manifold back into the firebox. Angle the back of the manifold into the stove first, making sure it drops onto the secondary air riser in the back center of the firebox. Once this connection is made, the secondary air manifold front can be lowered into place.
12. Place the top back onto the firebox. Secure the front bolts with the socket and extension. Insert the bolts into the tabs in the back of the top casting and tighten with the wrench or socket.
13. Install the striker plate removed from the original front and secure it with a Phillips screwdriver.
14. Set the door onto the new front. Ensure the shim washers (if any) are in place between the hinge tabs on the door and front cast panel.