



Technical Data Sheet

Heritage Model 8021 Side Door & Frame Replacement

*Part #2010-250*Door & 2010-255Frame (Matte)*

Date: 6/30/2004

Page: 1 of 3

PARTS NEEDED:

2010-250 - Side Door
2910-255 - Side Door Frame
4 Ft – ½” Low Density Rope Gasket
7 Ft – 3/8” Medium Density Rope Gasket
4 Ft – ¼” Low Density Rope Gasket
Gasket Glue

TOOLS REQUIRED:

2 – 9/16” Wrenches
1 – 7/16” Wrench
Rubber Mallet
Flat Screwdriver or Chisel
Bungee Cord
Stove Cement
Plant Sprayer (optional)
5/32 Allen Wrench

BEFORE YOU BEGIN: Work on a cold stove. If the stove is installed, disconnect the stovepipe. Place a bungee cord around the body of the stove. You will need to remove the top casting in order to replace the side doorframe. Due to the weight of the top casting, we recommend two people for this job.

PROCEDURE:

1. Open the side door. Lift it straight up and off the side doorframe, taking care not to lose the hinge pins and washers that will be reused. If the new door does not have the stone, plate, and latch installed, these will have to be removed from the original door and installed into the new door.
2. Locate the bolts in the top and bottom of the side doorframe. These bolts hold the frame to the top and bottom castings. Remove these bolts with the 9/16” wrench.
3. Locate the threaded rod under the right side of the bottom casting. This rod threads into the top casting, runs through the center of the right side stones, and is held with two nuts under the bottom casting. Using two 9/16” wrenches, turn the threaded rod out of the top. Hold the top nut with one wrench while turning the bottom nut with the second wrench. By turning counterclockwise, the rod will unthread from the top casting.

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4. With the bolts and threaded rod removed from the top casting, the top casting should now be loose. If it is not, tap up around the underside with a rubber mallet until it loosens. With assistance, pull the top off the stove and set it aside until it is time to reinstall it.
5. With the top off, you can pry out the two stones that are on top of the side doorframe. Place a flat screwdriver blade under the stones from inside the stove and pry them up until they break free and can be removed. Using a hammer and flat screwdriver or chisel, chip off the stove cement on the stones and metal splines to prepare them for reassembly. Cement and debris should be cleaned from all parts being reused.
6. Remove the four screws (1/4" – 20 x 1/2" black oxide) that hold the outer doorframe to the inner doorframe with a phillips screwdriver. To remove the outer doorframe, pull it straight up (it has flanges on the sides that fit into the slots in the stones around it) and out of the stove. If the stove cement prevents movement, pry the frame up with the screwdriver from inside the stove.
7. After cleaning the stones and splines of old cement and debris, apply a bead of stove cement on the bottom and two sides where the new frame will set into the stove. Now you can slide the new doorframe in place, making sure the flanges fit into the stone slots. Join it to the inner frame with the four screws removed in step six. Smooth out the cement on the inside of the stove on the sides and bottom.
8. Apply a bead of cement to the top of the doorframe and to the splines that are placed on the left and right sides above the doorframe. Push the two stones back into their position above the side doorframe. Smooth the cement around the inside of the stones.
9. Prep the new side door: 1) Insert the 1/4" rope gasket into the smaller channel on the inside of the doorframe. Pull the paper backing off the gasket a few inches at a time and pack the gasket into the channel. Trim off any excess gasket. 2) Position the 1/4" thick door stone on top of the 1/4" gasket with the finished side facing out. 3) Place the impact plate on top of the stone and secure it with the four screws removed with the plate from the original door. 4) Apply a thin bead of the gasket glue to the larger gasket channel in the door. Pull the paper backing off the 1/2" rope and pack it into the prepared channel. Do not stretch or bunch the gasket. Do not saturate the gasket with the liquid glue as this cause the gasket to dry up and harden. Trim any excess gasket. 5) Remove the latch from the original door by turning out the two setscrews with a 5/32" allen wrench. Place the shaft and latch in the new door – make sure the brass shims are positioned on what will be the inside of the new door. With the door face up, drop the spring ring over the exposed latch. Position the chrome outer portion of the latch on the shaft so that the flat spots on the shaft line up with the threaded holes in the chrome crank. While holding it in this position, compress the latch and secure it by inserting and tightening the setscrews with the allen wrench.
10. Place the assembled door onto the frame, making sure the shim washers are in place between the door and frame tabs.

11. Before placing the top back onto the stove, inspect the gasket on the underside of the top. If the gasket is still soft and pliable, it can be reused. If the gasket is hard and compressed, pull it out, scrape any debris out of the channel in the top casting, and glue down a fresh section of 3/8" medium density rope gasket.
12. Place a thin bead of cement around the top inside edge of the stonewalls. This will insure that the top is sealed to the sides of the firebox.
13. Place the top back onto the stove body and maneuver it so that it drops in place onto the stonewalls. If necessary, tap it down into position with a rubber mallet. Rethread the rod in the right side into the top casting and also the bolt that goes up through the top of the doorframe. Replace the bolt in the bottom of the doorframe and tighten all with the 9/16" wrenches.
14. Before burning normal fires, we recommend one low temperature, "break-in" type fire to season the new parts.

* Order enamel doors as follows:

- #2020-250 Brown Enamel
- #2050-250 Black Enamel
- #2059-250 Blue/Black Enamel
- #2061-250 Seafoam Enamel

Side doorframe is always Black Matte (#2010-255).