



Technical Data Sheet

Heritage Model 8021 Top Casting Replacement

Part #2010-290 (Matte)

Date: 6/30/2004

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KIT CONTENTS:

Top Casting
7 Feet: 3/8" Medium Density Gasket

TOOLS REQUIRED:

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

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. Due to the weight of the top casting, we recommend two people for this job.

PROCEDURE:

1. Open the side door. Locate the bolt in the top of the side doorframe. This bolt extends up into the top casting. Remove this bolt with the 9/16" wrench.
2. 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.
3. With the bolt 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 is loose.
4. Remove the flue collar (or flue plate if the stove has been converted to a rear exit configuration) with a 7/16" wrench. Save the parts to install on the new top.

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5. With assistance, pull the top off the stove and turn it upside down on a protected surface. Remove the hex head bolts holding the stainless steel heat shield with a 7/16" wrench or socket. Save the shield and bolts for installation on the new top casting.
6. With the top still upside down, the top stones can now be removed. If the stove is unburned or has had very little use, soak the stove cement holding the stones to the top with water. This can be applied with a plant sprayer or by applying wet paper towels where the stone meets the top casting. Using a rubber mallet, firmly tap the stones until they break free from the top casting.
7. Prep the new top: Bolt the heat shield to the underside of the new top. Using the old top as a guide, glue the new 3/8" medium density rope into the channel in the new top. Pull the paper backing off the rope a few inches at a time and adhere it to the top. The old top can now be discarded. Turn the new top over and attach the flue collar or flue plate and tighten with the 7/16" wrench.
8. Clean any old cement and loose debris from the top edge on the stonewalls where the top will set. Place a thin bead of stove cement around the top inside edge of the stonewalls. This will insure that the top is sealed to the sides of the firebox.
9. Place the new top on the stove and maneuver it so that it sets on to the stonewalls that make up the firebox. Tap it into place by tapping it down with the mallet. Rethread the bolt and threaded rod back into the top casting. Snug each with the appropriate wrenches.
10. The top stones will have to be scraped clean before setting them into the new top. To take off the old cement, use a hammer and flat screwdriver (or chisel) to chip off the cement. In the same manner, also clean the metal splines that will be inserted between the top stones.
11. Apply a layer of cement, approximately 3/16" thick, to the top casting, trying to keep the cement away from the very outer edge to prevent any excess from oozing out between the outer edge of the stones and top casting where it would be visible.
12. Work quickly so the cement is soft and the stones can be adjusted slightly. Place one of the outer top stones into position on the top. Insert one of the splines into the slot in the stone then place the position the center stone into the top with the spline between both stones. Insert the second spline and lay in the last stone. Snug the stones together as tightly as possible. Using your palm, or by tapping with the mallet, level the stones in the cement fresh cement.
13. Allow the cement to set up for 24 – 48 hours. Follow the break-in procedure as outlined in the owner's manual.