



# Technical Data Sheet

## Heritage I 8021 Top Stone Replacement Instructions

Part # 1141-243 & 261

*Heritage Models Manufactured After February 2003*

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### **Heritage Top Stone:**

#1141-243 – Top Stone (Left and Right)

#1141-261 – Top Stone (Center)

### **Tools Required**

2 - 9/16" Wrench

Rubber Mallet

Bungee Cord

1 – 7/16" Wrench

Flat Screwdriver or Chisel

Hearthstone Stove Cement

**Before You Begin:** Consider how much time the stove has been used. The replacement procedure varies according to length of service. If the stove is new, or has had very little use, the bond of the stove cement will be tremendous and it will be necessary to remove the top casting to remove the stones. If the stove has been burned for an extended period of time, it should be possible to remove the stones from the top of the stove. Read step one in its entirety before deciding which way to proceed.

### **Procedure:**

1. If the stove has been burned for an extended period of time, it may be possible pry the stones out of the top casting from outside of the stove. To do this, insert the blade of a large flat screwdriver between the top casting and the outer edge of the top stone. Gently pry up with the screwdriver, being careful not to chip the top if it is enameled. If the stone breaks free from the top, the stone(s) can be removed and you can proceed to step seven. A metal spline is inserted between the stones, so the stones must come out at an angle. If the cement seal does not release, go to step two. Care should be taken not to gouge a stone that is being reused.
2. If the stone will not pry up from the top, you will need to first remove the top casting. Before removing the top, wrap a bungee cord tightly, completely around the body of the stove. To remove the top, open the side door and locate the bolt going up through the top of the doorframe. Remove this bolt with the 9/16" wrench.
3. Locate the threaded rod under the right side of the bottom casting. The 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 the 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.

4. The top is sealed to the body of the stove with stove cement. To break the top free from the body of the stove, tap the underside of the top with a rubber mallet until the cement seal is broken and the top is loose.
5. Turn the top over onto a protected surface. This is to prevent scratches on stones that may be reused. Since the stove cement has a water base, applying moisture to the underside will help soften the cement holding the stones to the top casting. Apply moisture to the stones with a plant sprayer or paper towels soaked with water.
6. While allowing the moisture to penetrate the cement, clean the top edges of the stones that make up the walls of the firebox. Use a hammer and a large flat bladed screwdriver or stone chisel to clean off the cement left on the stone walls. In a similar fashion, clean out the debris left in the channel in the top castings.
7. To get the stones out of the top casting, pry them from underneath the top with a flat screwdriver, or tap them out with the rubber mallet.
8. Turn the top over and clean off the cement left in the top as described in step six. Clean the bottom and edges of any stone to be reused in a like fashion, using care not to gouge the stones. Note: Chips, scratches, and small gouges in the stone that will not be seen, do not affect the integrity or aesthetics of the stove. These can be filled with stove cement as the stones are reset in the top casting. The metal splines that are inserted between the stones can be cleaned and reused as well.
9. Prepare the top by applying a continuous bead of fresh Hearthstone stove cement (approximately 3/16" thick) to the channel in the top, keeping the cement toward the inside of the channel. Place the top onto the body of the stove. Maneuver the top until it drops into position on the stone walls. If needed, rapping it with the mallet can knock it down into position on the stove. Rethread the bolt and threaded rod back into the top and tighten with the appropriate wrenches.
10. Apply approximately a 1/4" thick bead of stove cement to the top casting wherever the stones will come in contact with the top. Place one stone into the top on the left or right hand side. Insert a spline into the slot in the stone. A very thin bead of cement can be applied to the underside of the spline that is exposed. Fit the center stone in place on an angle so that the spline fits between both stones. Repeat with the second spline and third stone. Level and square the stones while the cement is still pliable.
11. Allow 24 to 48 hours for the cement to cure before burning. A break-in type fire (low temperature), as described in the owner's manual, is recommended before building normal fires. An alternative is to place a small electric heater into the stove with the door closed as much as possible – heat the stove for 6 to 8 hours at about 250 degrees Fahrenheit.