



# Technical Data Sheet

## Homestead Top Stone Replacement

Date: 7/1/2004

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### TOP STONES:

#1141-780 - Top Stone (8" x 10.5")

### TOOLS REQUIRED:

1 – 9/16" Wrenches  
Rubber Mallet  
Flat Screwdriver or Chisel  
Bungee Cord  
Stove Cement  
Hammer

**BEFORE YOU BEGIN:** Consider how much time the stove has been used. The replacement procedure will depend on how much use the stove has had. 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 cement seal breaks, the stone(s) can be removed and you can proceed to step seven. A metal spline is inserted between the stones, so the stones will need to be taken out on 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 around the body of the stove. To remove the top, locate the threaded rods running through the right and left hand stones walls. Using a 9/16" wrench, remove the nuts under the bottom casting to free the rods. The top is also adhered to the body of the stove with stove cement. To break this seal, tap the top from underneath with a rubber mallet until the top breaks free on the stove. With assistance, remove the top casting.

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3. 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.
4. 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 flat bladed screwdriver or chisel to clean off the cement left on the stonewalls. In a similar fashion, clean out the debris left in the channel in the top castings.
5. To get the stones out of the top casting, pry them from underneath the top with a flat screwdriver, or tap them out with a rubber mallet.
6. Turn the top over and clean off the cement left in the top as described in step four. 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.
7. Prepare the top by applying a bead of fresh cement 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. Thread the two rods back into the top and secure them by tightening the nuts underneath the stove with the 9/16" wrench.
8. 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.
9. Allow 24 to 48 hours for the cement to cure before burning. A break-in type fire, as described in the owner's manual, is recommended before building normal fires.