

Technical Data Sheet

Mansfield/Heritage/Homestead Replacing Front Stones

Mansfield Models 8010 & 8011/ Heritage Model 8020/Homestead 8570

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TOOLS REQUIRED:

Phillips Screwdriver
Bungee Cord
Rubber Mallet
Stove Cement
Large Flat Screwdriver
9/16" Wrench

FRONT STONES:

#1141-254: 2-19/32" x 9-1/2" (Mansfield)
#1141-253: 2-19/32 x 9-1/2" (Homestead/ Heritage)
#1141-251: 2-3/4" x 9-12" (All)
1141-252: 3-3/4" x 9-1/2" (All)

BEFORE YOU BEGIN: Work on a cool stove. Wrap the body of the stove with a bungee cord.

NOTE: Refer to the illustration on the following page for Stone placement.

PROCEDURE:

- 1) Open the front door and lift it straight up and off the frame. Save the hinge pins and spacers for the reassembly.
- 2) Using the phillips screwdriver, remove the front door frame by removing the four screws in the corners of the frame.
- 3) You can now remove any of the stones that were directly above or directly below the door fame. To do this, a combination of gentle tapping with the rubber mallet and prying with the flat screwdriver will break the stones free. Care should be taken not to scratch or gouge the stones that will be reused. Make sure to save the 2-1/2" metal spline that is placed between these stones.
- 4) If you are replacing a corner stone, skip to step five. If you are only replacing a stone (s) above or below the front door, clean off the surfaces of the cast pieces, the spline, and the stones to be reused. Using the original pieces as a guide, cement the stones and fit them back into place on the stove. When installing the upper stones, hold the stones in place while placing the frame into the stove.

- 5) When replacing any of the front corner stones, first locate the 2 front threaded rods under the bottom casting of the stove, and loosen them just a couple of turns with a 9/16" wrench. This will allow a minute amount of play without affecting the overall seal.
- 6) To replace any of the front corner stones, you will have to first remove the stone above and the stone below the front frame, on the same side as the stone being replaced as described above. With these stones removed, you can do the following: **1.** Remove the metal spline that runs vertically through the corner stones that is now exposed & **2.** Pull out the stone being replaced by gently tapping with the rubber mallet and prying with the flat screwdriver. It can be pulled into the area vacated by the stone you have just removed and out of the stove.
- 7) Before placing the new stone into place, make sure to apply stove cement to the edge – this area will not be accessible after the stone is in place.
- 8) Clean all the other splines, stones, and cast parts that are to be reused before reassembly.
- 9) Using the original pieces as a guide, apply the cement as needed and reassemble the front stones. Make sure the splines are in place and the seams are sealed with the stove cement.
- 10) Once the stones are placed in the front, replace the front frame (4 phillips bolts) and front door (hinge pins and spacer washers). Tighten the nuts under the stove.

