

# Technical Data Sheet

## Firebrick Replacement Instructions for the Homestead

Kit #95-83700

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**Kit Components:**

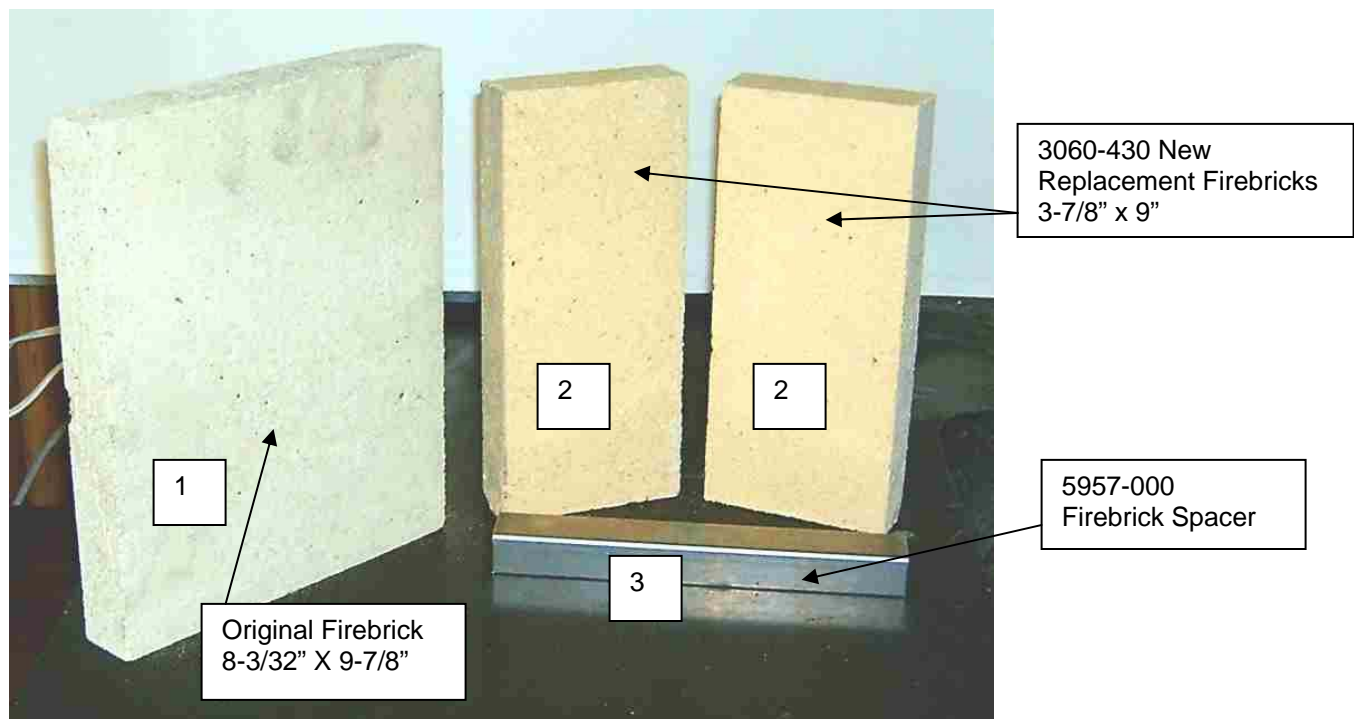
- 1) #5957-000: 8" Channel Steel (Brick Spacer)
- 2) #3060-430: 3-7/8" x 9" Firebricks
- 1) Instructions

**Tools Required:**

- Flat tip Screwdriver  
Stove Cement (Optional)

**Important Note:** All Homestead model stoves built before July 2004 (serial numbers below 6406) used two larger sized firebricks (8-3/32" x 9-7/8"). The two smaller stones and channel steel in this kit are used to replace one of these stones.

**Before You Begin:** Work on a cool stove.



This kit will replace the original large firebrick (#1) with two standard bricks (#2) and a channel steel spacer (#3).

### **Procedure to replace the firebrick in the Homestead:**

1. Open the front door to gain access the firebox. Remove all the wood ashes from the firebox. Vacuum if possible.
2. Lift out the round ash grate top and the square ash grate base in the center of the firebox. These parts are not held with screws or other fasteners, however, excess stove cement may be holding them in place. If so, pry them up with the flat screwdriver.
3. Using the flat tip screwdriver, pry up the soapstone pieces on the floor of the firebox in front of the broken firebrick that is being replaced and temporarily remove these stone pieces.
4. The original firebrick(s) can now be removed. If the firebrick is loose, simply pull the base of the firebrick out until it slides free from the secondary air manifold on the top. If the brick is held firmly by stove cement, pry it loose with the screwdriver before pulling it out from the bottom.
5. Before installing the new firebricks, place the channel steel filler into the back bottom of the firebox (the firebricks will stand on the channel steel and the soapstone will cover the channel steel when it is placed back onto the floor of the firebox. The open end of the channel steel will face down. The stone is then placed on top of the channel steel.
6. Angle the top of the replacement bricks so the top of the brick fits into the opening in the secondary air manifold and slide the firebrick back until it is flush to the back of the firebox and standing on the channel steel spacer.
7. When installing the new bricks and replacing the stone in the firebox, it is not necessary to use the stove cement. This is mainly to keep these components in place during transportation and installation. However, if you'd like to lock these pieces in place, apply a small bead of stove cement to the back of the new firebricks before sliding them in place under the secondary air manifold in the back of the firebox. Similarly, apply a small amount of cement to the underside of the soapstone refractory pieces before setting them in place on the floor of the firebox.
8. Replace the ash grate base and the ash grate top. Be careful not to get cement between these pieces, as the top of the grate must rotate freely into the open position for ash removal.