



Technical Data Sheet

Removal of the Heritage 8021 Secondary Air Manifold

For the Repair or replacement of Components within the manifold

Date: 5/24/2007

INCLUDED IN KIT:

Varies – Based on Requirement

TOOLS REQUIRED:

1/8" Allen Wrench
7/16" Box or Socket Wrench
Flat Screwdriver

BEFORE YOU BEGIN: Work on a cool stove. Remove any ashes or other debris from the firebox.

PROCEDURE:

1. Remove the side impact plate on the right side of the firebox. To do this, turn the 1/4" nut on the inside with a 7/16" wrench or socket while holding the head of bolt on the outside with the 1/8" allen wrench. Repeat on the second bolt. Remove the plate. If the stove is new, you may need to gently pry the plate with a flat screwdriver to break the cement seal.
2. Using the 1/8" allen wrench, remove the socket head bolt in the back center of the secondary air manifold.
3. You can now lift the secondary air manifold up and off the riser. This will allow you to maneuver the manifold so it can be dropped into the lower portion of the firebox. To do this, you will have to tilt it so that the front edges pass by the edges of the primary air manifold on the front of the stove.
4. With the manifold in the bottom of the firebox, angle it so the left front corner is sticking out the side door. Pull the right edge of the manifold forward. This will allow you to pull the entire manifold through the front door (see photo).
5. You can now make the needed repairs. To replace air pipes, unbolt and separate the manifold halves. When installing the pipes make sure to line up the holes in the end of the pipes with the tangs in the manifold.
6. To install the repaired manifold, repeat these steps in reverse order. **IMPORTANT:** Make sure the vertical riser tube is properly positioned with the open, cut out end on the top and facing out into the firebox.



Photo #1: The secondary air manifold shown angled for removal through the front door. The side plate and riser are removed to increase the room in the firebox to make this possible.

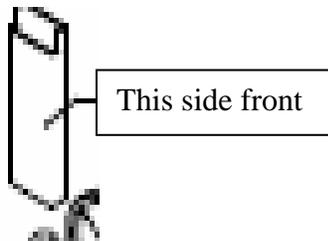


Illustration #1
The proper orientation of
the secondary air riser tube