



Technical Data Sheet

Phoenix 8612 Primary Air Manifold Replacement Instructions

#5600-040

Date: 9/22/2004

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TOOLS: 3/8" Wrench
7/16" Wrench
Bungee Cord

POSSIBLE MATERIALS NEEDED: 3/8" Rope Gasket
Small Quantity of Stove Cement

PROCEDURE:

Wrap the body of the stove with a bungee cord. For assistance refer to the exploded view on page 2.

1. Remove the top. To do this, remove the four nuts on the bottom of the corner threaded rods (below the bottom cast). Lift the top up and set it aside.
2. Remove the bolts in the side ribs (part #11) with a 3/8" wrench.
3. Lift the blanket (part #26) and four top firebricks (part #23) up and out of the stove.
4. Remove the nuts and bolts (2 each) from the secondary air pipes (part numbers 63 & 63A) and remove the pipes from the firebox. Mark the pipes or make a note of the location and position of the secondary air pipes. (front pipe holes face down, center pipe holes face front, rear pipe holes face front).
5. Remove the bolts from the rear support (part #65) and remove the support. Note: if the bolts break when removing the support, do not replace them. It can be reassembled and held with the 2 bolts that hold the rear air pipe.
6. Lift out the 2 secondary air riser tubes (part #64).
7. Remove the 4-rear firebrick, (simply to prevent them from falling forward).
8. The primary air manifold can now be removed by lifting it straight up and out of the stove (no bolts).
9. Assembly in reverse order.

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