



## **H-II SECONDARY AIR PIPE REPLACEMENT** **Kit #92-58245**

### **KIT CONTENTS:**

Secondary air pipe  
10/24 X 3/4" self-tapping screw  
14 oz. cement

### **TOOLS NEEDED:**

5/16" socket and wrench	Rubber mallet
7/16" socket and wrench	Putty knife
Wire brush	Vacuum cleaner or ash shovel
Hack saw	

### **BEFORE YOU BEGIN:**

Clean your stove thoroughly with a putty knife and wire brush, removing the soot and debris with a vacuum cleaner or ash shovel. Work with a cool stove.

### **PROCEDURE:**

1. Remove the 10/24" self-tapping screw going through the side-loading doorframe into the secondary air pipe with a 5/16" socket and wrench.
2. To reseal the secondary air pipe and side stones, the side plate should be removed. In some models, the rear and side plates will be attached with a 1/4" self-threaded bolt that can be removed with a 7/16" wrench. The two bolts that hold the side plate to the bottom can now be removed. Hold the heads of the bolts on the inside of the firebox with a 7/16" wrench and remove the 1/4" nuts from underneath the stove with another 7/16" wrench or socket. Now, some wiggling and patience should get the plate out. Should this fail, or should the bolt shear off during step one, you may have to remove or loosen the back plate.
3. With the side plate removed, tap the secondary air pipe gently with a rubber mallet to loosen the furnace cement bonds.
4. Remove the secondary air pipe by pulling it through the right side hole. If the furnace cement keeps you from doing this, gently chip it off with a putty knife or large screwdriver. If the pipe has bowed or burned out, it should be backed through the stone several inches until it clears the side doorframe. It can then be pulled through the side door. If the pipe is extremely deteriorated, it may be necessary to cut the pipe in half with a hacksaw and remove both portions through the side door.
5. The replacement pipe is already drilled and threaded. Remove the bolt. This end of the pipe should be plugged with stove cement. Insert the pipe through the stone, from the outside, this end first.



6. Slide the pipe all the way to the left side. Make sure that you have at least 5/16" clearance between the end of the secondary air pipe and its cover..
7. Use a 5/16" socket and wrench to secure it with the bolt to the side-loading doorframe. Snug the bolt tight, then back off a 1/4 turn.
8. Seal the seams between the secondary air pipe and the stone on both right and left sides. Touch up resealing can be done on the stone seams as well. Remove the loose debris from the stone and apply a bead of cement to the seams with a putty knife or rubber glove
9. Replace the back and side plates.