

Technical Data Sheet

Hearthstone I Secondary Air Pipe

Assembly 91-58146

For the H-I manufactured between 1978 and 1988

INCLUDED IN KIT:

- (1) Secondary Air Pipe
- (1) 10-24 Self-Tapping Screw
- (1) Tube of Stove Cement

TOOLS REQUIRED:

- Disposable Rubber Gloves
- 5/16" Socket or Wrench
- 3/8" Socket or Wrench
- Hack Saw or Electric Grinder
- Wire Brush
- Penetrating Fluid

BEFORE YOU BEGIN: *Always work on a cool stove.* Read the instructions thoroughly before starting the repair. Identify all parts included in the kit. Report any shortages to your dealer.

PROCEDURE:

- (1) Using a 5/16" socket or wrench, remove the bolt that holds the secondary air pipe in place. This bolt is located on the far left side of the secondary air pipe, going through the primary air upright.
- (2) Push the air pipe to the right and remove it by pulling it through the side door. If the pipe has distorted to a point where this is not possible, cut it into 2 pieces using a hack saw or electric grinder and remove the 2 halves.
- (3) Before installing the pipe, remove the side plate. To do this, apply penetrating fluid to bolts and allow it to soak. Use a 3/8" wrench to remove the bolts in the bottom tabs that hold it to the right side air channel.
- (4) Clean any loose debris from around the hole in the right side stone with a wire brush.
- (5) To prepare the new pipe, locate the threaded hole on the end of the pipe. Turn the new self-tapping bolt into the pipe to insure the threads are good. Reve the bolt. Using a rubber glove, apply enough cement to this end of the pipe to seal it. This will help insure that the air coming through the pipe is introduced through the 1/4" holes that are drilled for this purpose.
- (6) Insert the pipe into the stove through the hole in the right side stone. Secure it with the self-tapping screw. Seal the right side of the pipe on the inside using a rubber glove and more of the stove cement.

- (7) Replace the right side plate and secure it by reinserting the bolts through the bottom tabs.
- (8) Because of the new cement, the stove will have to go through the break-in process again. Build a small kindling fire and allow the stove to get warm, but not hot to the touch. Shut down the primary air, and allow the fire to die out, and go back to room temperature.