



# Technical Data Sheet

## H-I Rear Heat Shield Installation Instructions

*Assembly #91-57105*

### **ASSEMBLY CONTENTS:**

Rear Heat Shield  
2 – Top Clips (holes are closed)  
2 – Bottom Clips (holes are open)

### **TOOLS REQUIRED:**

5/16” Socket Wrench and Extension  
7/16” Wrench  
Screwdriver

### **NOTE:**

On new stoves, the Bi-metallic coil (thermostat) should be installed after the rear heat shield is put on the stove (Catalytic stoves will not have the bi-metallic coil). On stoves that have been in use, you must first remove the brass rod at the back of the stove that connects the bi-metallic coil to the primary air cover. Just loosen the screw in the brass fastener at the top of the rod with a screwdriver, withdraw the rod, and replace after the heat shield has been installed.

### **BEFORE YOU BEGIN:**

Examine the rear heat shield. Note the slots at each corner for to attach the top and bottom retaining clips. The cutout at the top and opening in the middle of the shield allow for the primary air cover and bi-metallic coil (the bi-metallic coil is not included on the catalytic H-I) . The two small round holes in the shield are there to allow access to the screws in the top casting. Therefore, position the shield so that these holes are on the top. Locate the mounting brackets that are packaged in a separate plastic envelope.

### **PROCEDURE:**

1. Using a 7/16” wrench, loosen the two hex head bolts at the bottom of the rear corner posts on the underside of the stove.
2. Slide the bottom mounting brackets between the head of the loosened bolts and the bottom casting. The brackets should extend up and outward from the rear of the stove. Snug but do not tighten the bolts.
3. Using a 5/16” socket wrench, remove the two bolts that hold the corner post to the top casting on the back of the stove.
4. Slide the top mounting brackets down into the slots at the top of the heat shield, so that the holes in the brackets line up with the small round holes in the heat shield. You may need to gently pry open the slots with the tip of a screwdriver.



5. Now attach the heat shield to the back of the stove. Begin at the bottom, working the brackets on the stove into the slots at the bottom of the shield. Again, you may need to pry open the slots with a screwdriver.
6. Using the 5/16" socket wrench and extension, place the bolt previously removed from the top of the corner post into the socket. Insert the socket wrench extension through the hole in the heat shield and the hole in the top-mounting bracket and snug the bolt back into the top of the corner post, but do not fully tighten. Repeat for other side.
7. Make any necessary adjustments and finish tightening the top and bottom side leg bolts.
8. Install the bi-metallic coil and connector rod as outlined in the owner's manual. The bi-metallic coil is not included with the catalytic version of the H-I. For operation of the primary air control, refer to the special operating instructions that come with the stove.