

## Field Fix for Outside Air Element, RH

**CAUTION! Risk of Cuts, Abrasions or Flying Debris. Wear protective gloves and safety glasses during installation. Sheet metal edges are sharp.**

- Remove doors and screens.
- Remove smoke shield.
- Remove the left side refractory retainer.
- Lift up side refractory and remove it to expose the inner shell.
- Loosen the two screws above the outside air handle that secure the black column to the inner shell. See Figure 1.
- Slide the template under the column so that the two slots engage the screws. Hold the template tight against the screws and tighten the screws.
  - Ensure the template is turned so you can read the word "TOP" and the arrow is pointing up.
- Trace around the inside of the rectangular hole (5 1/4 x 5 1/2) in the template. Trace the bottom and the right side.
- Loosen the two screws and remove the template. Tighten the screws

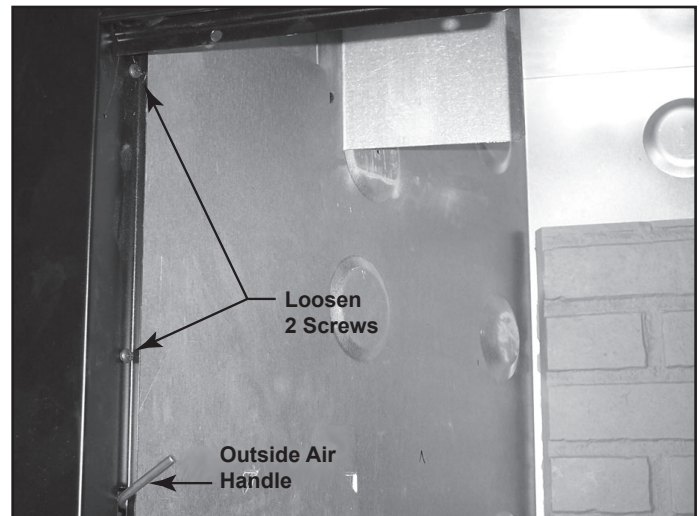


Figure 1 Loosen Screws

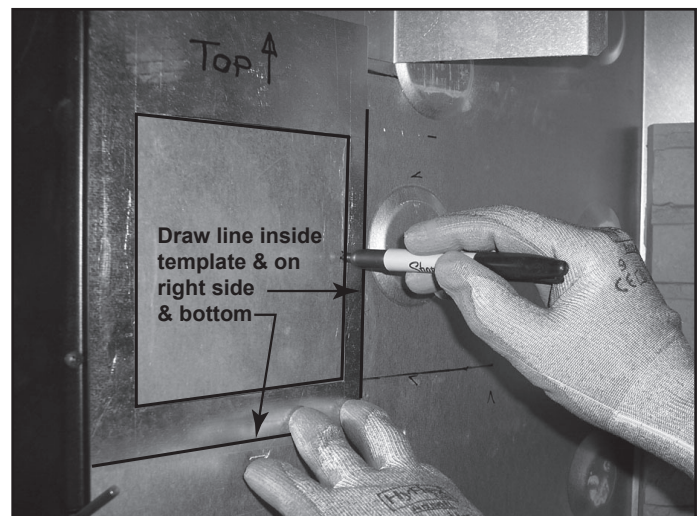


Figure 2 Template

- Use a hole saw and drill a starter hole inside the traced lines. Cut out and remove the 5 1/4 x 5 1/2 piece.
- Open the outside air door so you can hold on to it and remove the screw that holds it in place (older models may have more than one screw). DO NOT let the outside air assembly fall down into the bottom, or it will be lost forever.
- Remove the outside air assembly through the hole.
- Insert the new outside air assembly into the hole. Start with the handle and make sure it goes through the slot in the column. See Figure 5.
- Carefully slide the bracket up into the slots. You can see them when they are fully engaged (Figure 6).
- Replace the screw(s).
- Check operation of assembly and adjust as necessary.
- Line up the patch plate to the bottom and side lines from the template mark and drill 1/8 in. holes using the patch plate as a template. See Figure 7.
- Secure the patch plate with the screws provided.
- Replace side refractory, smoke shield, screens, and doors.

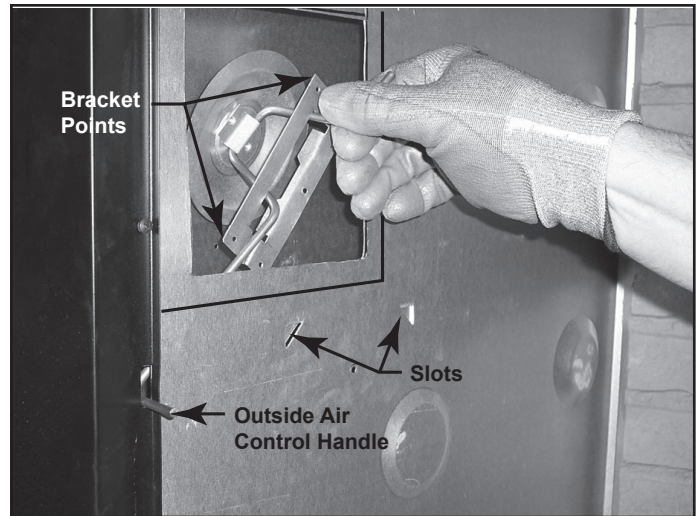


Figure 5 Insert the New Outside Air Handle Assembly

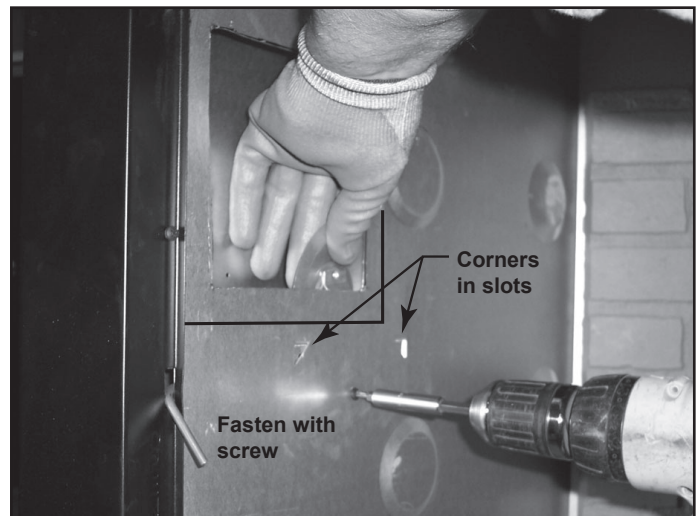


Figure 6 Bracket in Slots

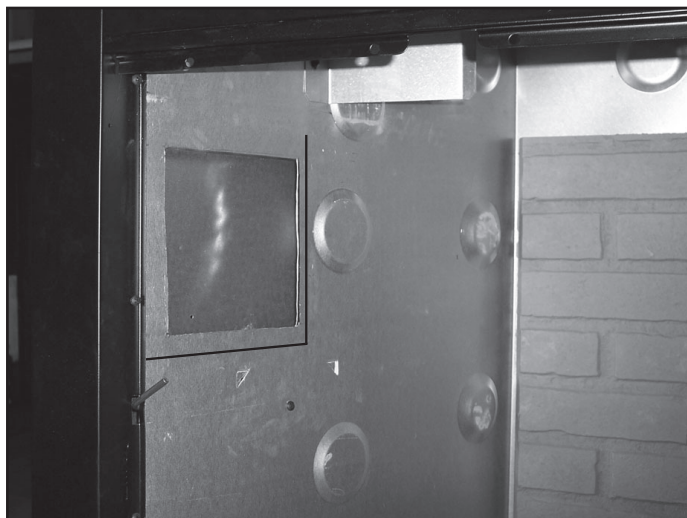


Figure 3 Cut Out and Remove Hole



Figure 4 Remove Screw Holding Outside Air Door in Place

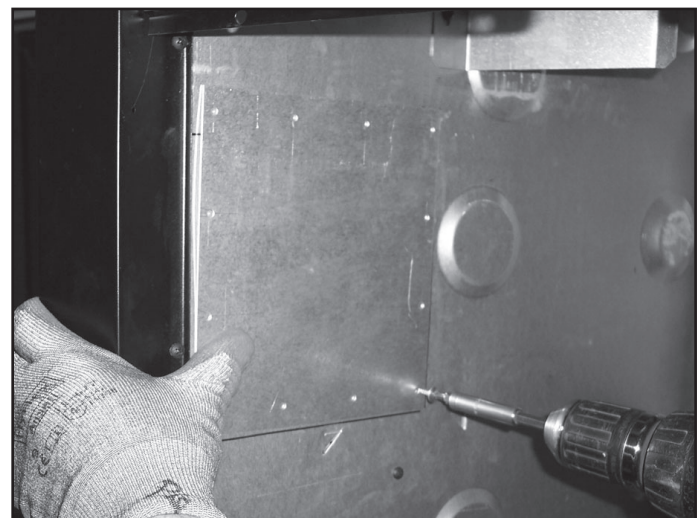


Figure 7 Align and Install Patch Plate