

Technical Data Sheet

Tucson 8702 Firebox Heat Shield Kit Installation Kit 97-68500

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MATERIALS INCLUDED:

- 1- #29 drill bit
- 4- 8-32 screws (4500-0072)
- 2- Stainless steel shields (5710-202) with insulation (3160-110)

TOOLS REQUIRED:

- Drill
- Phillips head screwdriver

PROCEDURE:

DO NOT PERFORM THIS PROCEDURE ON A HOT STOVE.

1. Remove the top casting (lift off) and lay it face down on a clean work surface. Lift off the front casting and lay it on a clean surface.
2. Open and remove the front glass and frame by pulling the spring clips towards you. Carefully place the glass and frame on a flat surface. Remove the logs from the firebox and carefully set them aside.
3. Using a Phillips screwdriver remove the Phillips screw located at the front of the burner and holds the burner in place.



Figure 1

- Carefully lift and pull the burner out of the firebox. Set the burner on a flat surface. (Use caution not to set a warm burner on a surface that may be damaged) Locate and remove the primary air shutter from the burner tube or from inside the stove.
- Locate the two side heat shields. Place one inside the firebox with **the insulation facing against the firebox and the steel towards the inside of the box** as shown in Figure 2. Pull the shield all the way towards the front of the firebox.

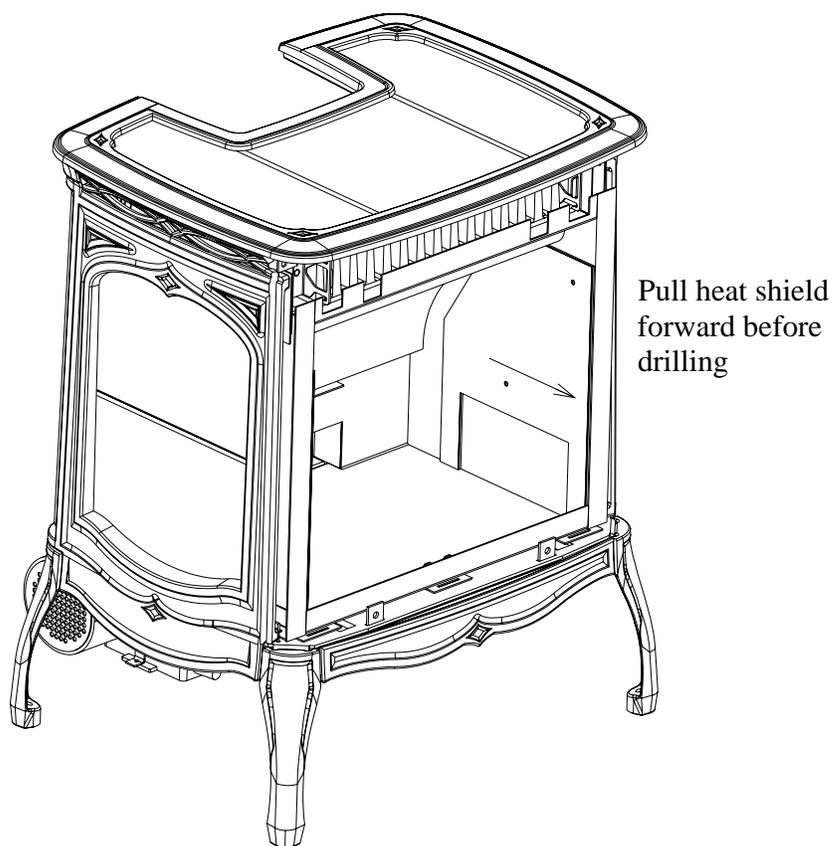


Figure 2

- Using a drill and the #29 drill bit, drill two holes into the firebox side wall. Use the holes in the shield as a template for the new holes. These will be used to mount the shields to the firebox. See figure 3. **Use caution when drilling through the firebox not to damage the stones on the outside of the firebox.**



Figure 3

7. Using two of the 8-32 screws, mount the heat shield to the firebox. See Figure 4. Tighten the screws down completely.



Figure 4

8. Repeat Steps 5 through 7 on the other side of the firebox.
9. Slide the primary air shutter rod through the hole in back of the firebox. Carefully slide the burner back in place. Be sure the air shutter slides over the venturi tube on the burner. Reset the air shutter according the instructions in the owner's manual. The burner will fit snugly between the shields and into place. If the burner does not fit back in the firebox with the shields in place, it may be necessary to carefully tap the walls of the firebox out to create enough space for the burner.
10. Replace the burner mounting screw that was removed in Step 3. Replace the logs in their proper position (use the owner's manual as a reference for proper placement).
11. Install the glass and frame assembly to the firebox.
12. Carefully place the front castings back on the unit.
13. Set the top castings on the stove.