

Preparing the Morgan 8470 Wood Insert for Installation (Refer to Owner's Manual for the complete installation instructions)

1. Remove the contents within the firebox (owner's manual, baffle and soapstone refractory box) Remove the hang tag on the front door and place in the owner's manual). Note: Lift the baffle straight up while another person removes the box of refractory stone then tip the baffle to remove it.
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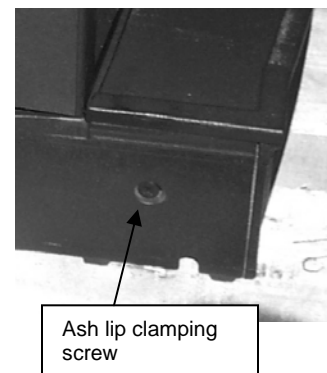
2. Using a $\frac{1}{2}$ " and $\frac{7}{16}$ " wrench, remove the left and right pallet mounting clips. (Keep the $\frac{1}{4}$ -20 bolt with a $\frac{7}{16}$ " head, as it will be used to install the surround bracket), discard the pallet clips and lag screws.



3. Remove the flue collar, which is installed upside down for shipping.

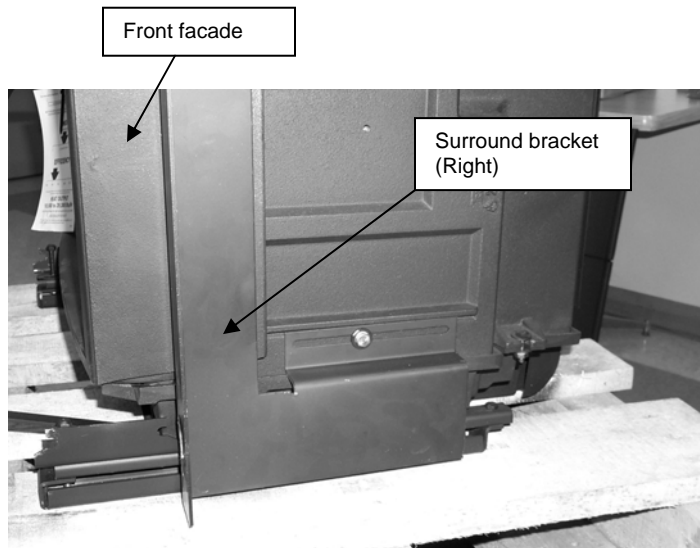


4. Remove the ash lip assembly by loosening (NOT REMOVING) the forward Phillips head screw on both sides of the assembly. Pull the ash lip 3 or 4 inches away from the unit and disconnect the wires from the snap disc. Ensure you do not damage the blower (or its wiring) which is pre-installed under the ash lip.

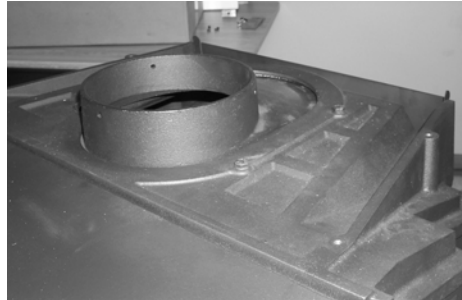


5. Remove the front façade by lifting and pulling away from the unit.

6. Open the large cardboard box containing the surround kit. Locate the left and right surround brackets. Start the ¼-20 bolt through the slotted opening on the surround brackets, and attach to the sides of the unit. Set the surround brackets in the approximate position that the surround will be in.



7. Determine the forward/aft position of the flue collar and remove the circle on the top heat shield (shipped in the surround box) that will allow the flue collar to connect to the liner. (TIP: Ensure that the connector you are using will fit through the opening in the top heat shield before installing the insert).

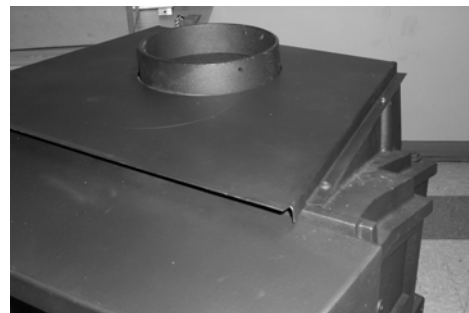


Forward position



Aft position

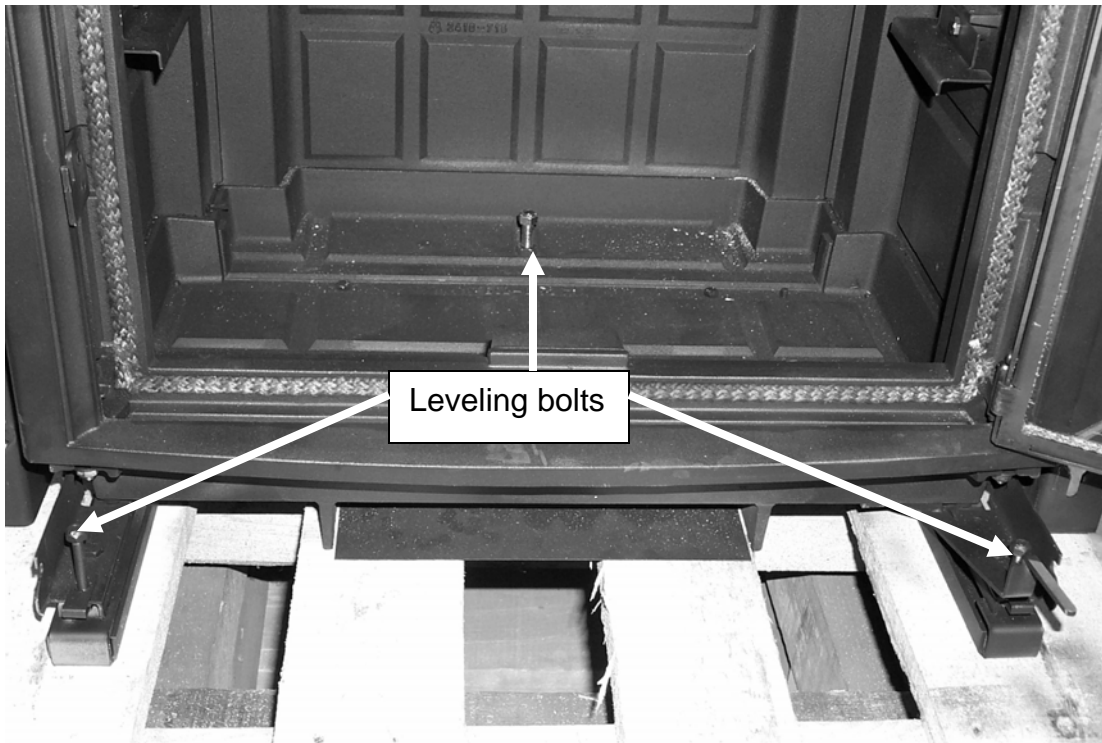
8. Install the top heat shield



Flue collar shown in the aft position (you will install it later)

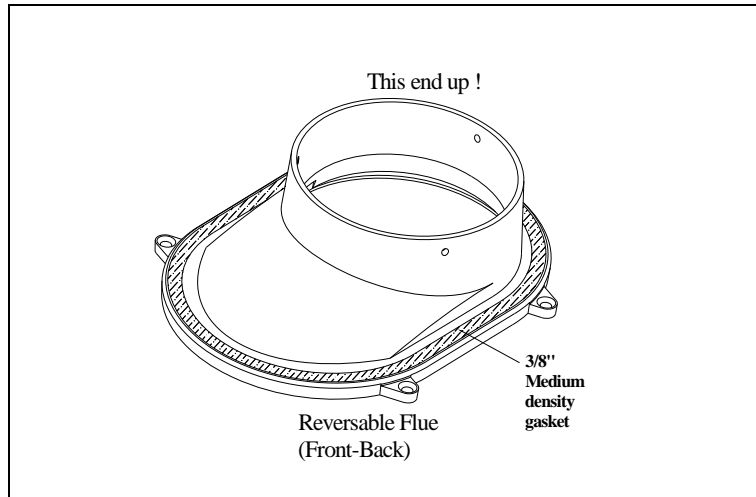
9. Place the unit in position, within the fireplace

10. Level the unit using a $\frac{9}{16}$ " and $\frac{7}{16}$ " wrench or ratchet on the three leveling bolts. (To level the rear bolt, you must first loosen the jam nut at the base of the bolt)

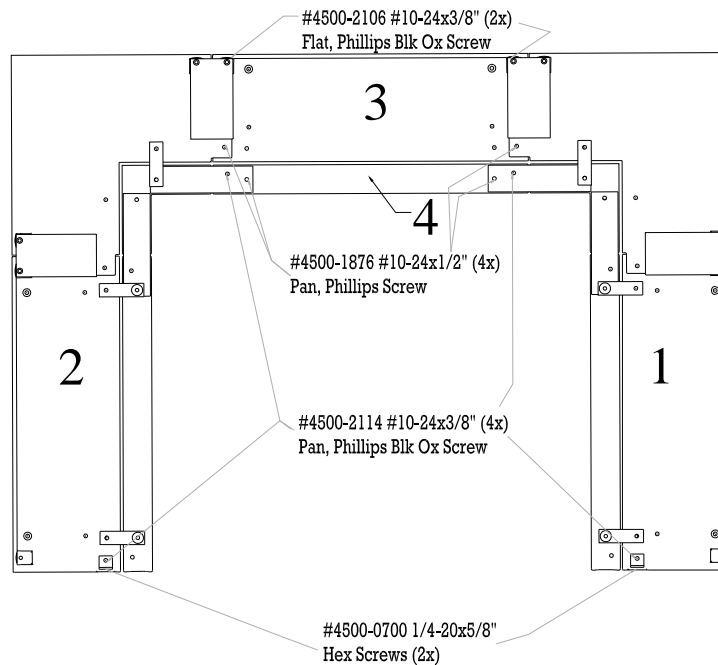


11. Attach the liner (See Owner's Manual for complete instructions)

- a. Pull the flue liner into the firebox through the flue opening on top of the insert and attach to the flue collar.
- b. Locate the hardware kit in the firebox. Once attached to the liner, push the flue collar up and attach to the under side of the top castings. Mount the flue collar with the four 1/4-20 nuts and washers provided in the hardware kit.



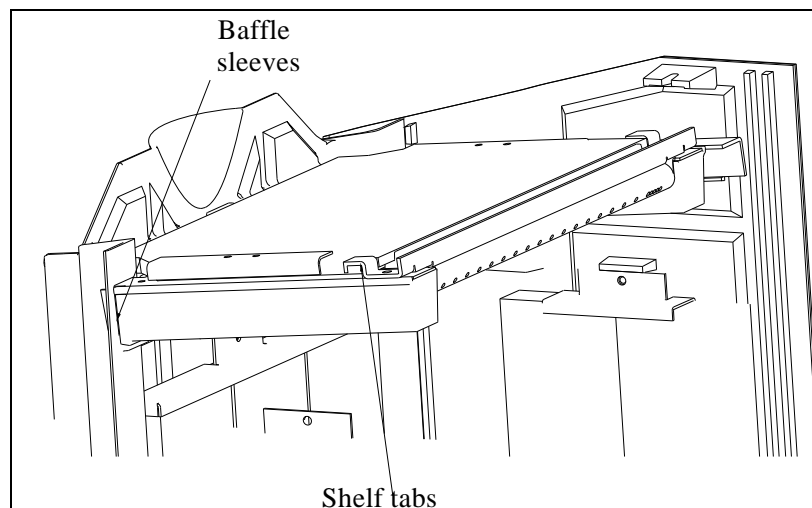
12. Attach the surround to the unit. (The Owner's Manual contains full instructions on how to install)



13. Mount the baffle in place

Note: The baffle material is a high temperature ceramic material. It will last for years under normal use; however it can be easily damaged by impact or force. BE CAREFUL IN HANDLING, TO APPLY PRESSURE TO THE TUBES AND CAST IRON ONLY!

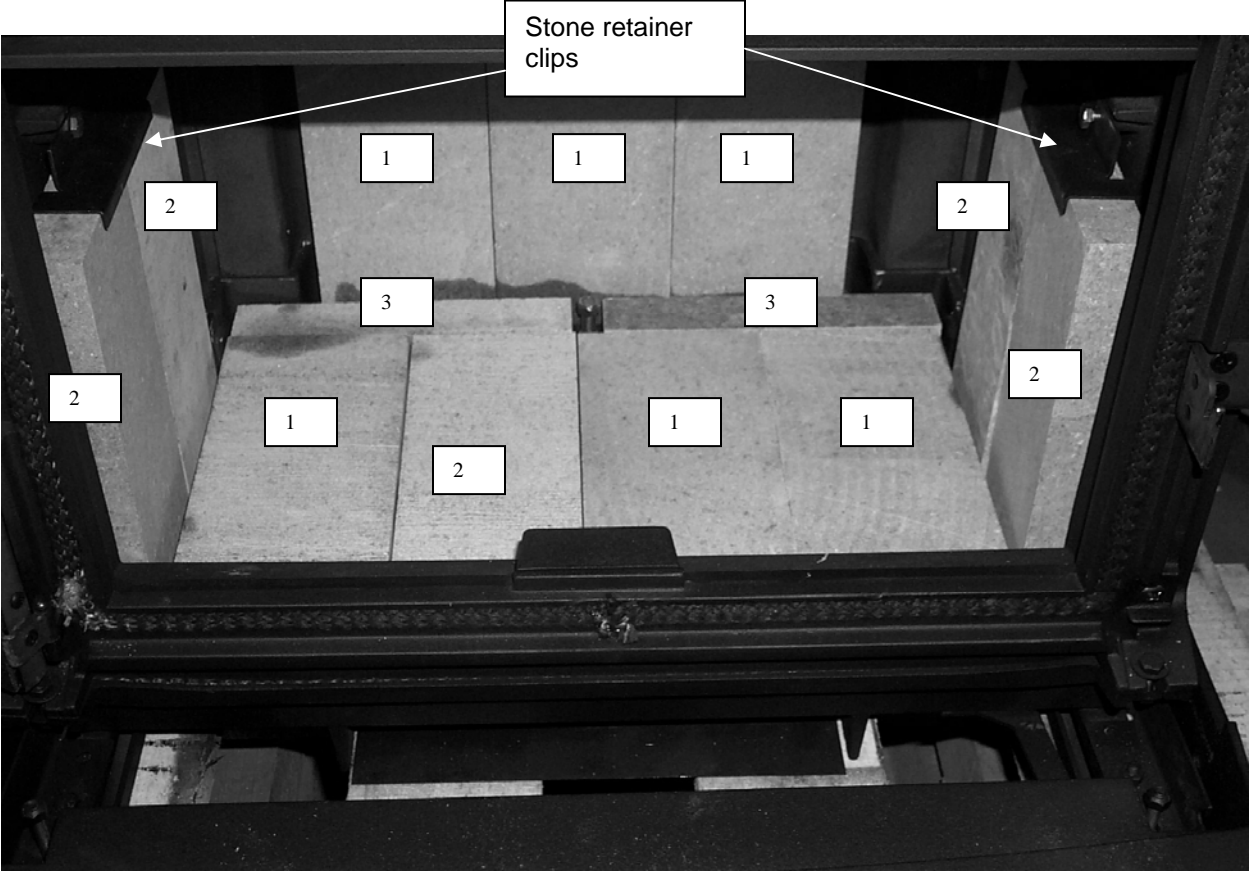
- a. Place the baffle inside the stove with the ceramic board facing up, and the stainless steel shelf tabs forward.
- b. Lift the baffle and slide the baffle sleeves, on the rear of the baffle, into the slots on the rear of the unit.
- c. Push in until the sleeves are completely in the slots.
- d. Gently lower the front of the baffle until the shelf tabs are resting on the side wall.
- e. To verify that the baffle is in correct position, gently tug down on the front of the baffle. If it does not come down. It is in the place.



14. Locate and mount the front door handle using the 3" bolt and lock washers provided.

15. Install the soapstone firebrick

- a. LOCATE THE SIDE STONE RATAINER CLIPS (in the hardware kit) AND REMOVE THE REAR STONE RETAINER CLIP FROM THE BACK (inside) OF THE STOVE. (The rear clip is not shown below)
- b. Put the four side stones in place and attach the retainer clips.
- c. Put the three rear stones and reattach the long rear retainer clip.
- d. Place the remaining stones on the floor of the unit referring to the figure below.



Reference#	Qty	Size
1	6	9" x 4-1/2"
2	5	9" x 4"
3	2	8-1/2" x 1-1/2"

16. The door to the Morgan is reversible. It can be opened from the left hand side, or the right. It will be shipped from Hearthstone opening on the left hand side. To switch the door to open from the right, simply remove the ash lip assembly and front façade.

- a) Remove the ash lip assembly by loosening (**NOT REMOVING**) the forward Phillips head screw on both sides of the assembly. Pull the ash lip 3 or 4 inches away from the unit and disconnect the wires from the snap disc. Ensure you do not damage the blower (or its wiring) which is pre-installed under the ash lip.
- b) Remove the front façade by lifting and pulling away from the unit.
- c) Remove the two Phillips head screws holding the door hinges on (**use caution, once the last screw is removed the door will be loose in your hands**) be careful not to lose the two hinge rivets. Using a Phillips head screwdriver, remove the door catch (There may be a spacer washer behind the catch to provide an adequate seal. Remove the two screws where the hinges will go on the left side. Rotate the door 180 degrees, put the hinges in place and mount them. Reattach the door catch on the opposite side of the front, using the same screws and spacer washers if necessary.

17. Replace the front façade by simply lifting it over the opened door and ash lip and setting it back in place.

18. Replace the ash lip assembly. **NOTE: Prior to replacing the ash lip assembly, you must first ensure that the air control handle is centered in its motion and that the blower's snap disc wires are reconnected.** Lift and slide the assembly back on to the ash lip clamping screws. Take care to avoid damaging the blower and its wiring (ensure the blower's power cord passes through the notch in the ash lip casting). The ash lip is on when the back is tight to the front façade. Once on, tighten the ash lip clamping screws.



Air control handle



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