



FIREBRICK & CEMENT REPLACEMENT INSTRUCTIONS

1. Remove the fasteners that hold the top down onto the stove and remove the cast iron top. Plug the burner so debris won't plug your fuel lines.
2. Chip away all old cement from the stove and scrape any old sealant away from the stove walls and underside of the cast iron top. Then mix the new insoline cement powder with water. It is not too important to get the consistency exact but oatmeal is a good consistency to aim for.
3. Place a new firebrick (steel side down on smaller bricks) on the supports or use the old one. Do not be too concerned with the appearance of your firebrick but if it is crumbled it's time for a new one.
4. Paste the new cement in with a trowel or a wide knife. Cement around the firebrick supports. The cement will need 24 hours to dry completely.
5. Use the left over cement or some hybond sealant to repair any cracks or missing portions of the insoline cement liner as the combustion chamber needs to be air tight for the stove to work correctly.
6. Re-position the fasteners clips so they will receive the screws when screwing down the cast iron top to the stove walls. You will need 6 stainless or galvanized #10 ¾ flat head screws.
7. Apply a generous amount of new hybond sealant to the top of the stove walls and over the fastener clips. Re-install the cast top and heat up slowly on first lighting.

*****The Pacific & Adriatic model stoves use a smaller size firebrick (made of steel/ cement) part# 05-001, whereas all other models use part# 05-000 (made of just cement)**

Cementing a Stove

First you need to remove all the cement from the firebox. Just chip it out using a hammer and large screw driver. New cement will not bond to old cement.

Second you need to mix the cement add approx. 2 cups of water per 5lbs of cement.

1. First make sure that all the clips are over the little stove-top holes on the stove top. There are 6 clips in total.



2. Next, start applying the cement to the stove, in the left hand corner. About half an inch thick.



2a. Spread the cement around the stove evenly, about a half an inch thick, and use a trowel to smooth out the surface.



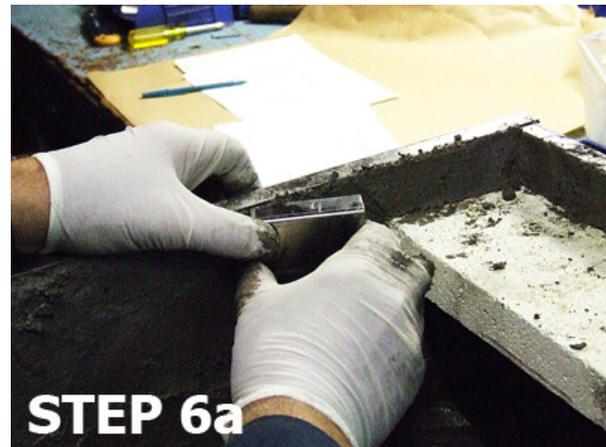
3. Now put the firebrick into place.



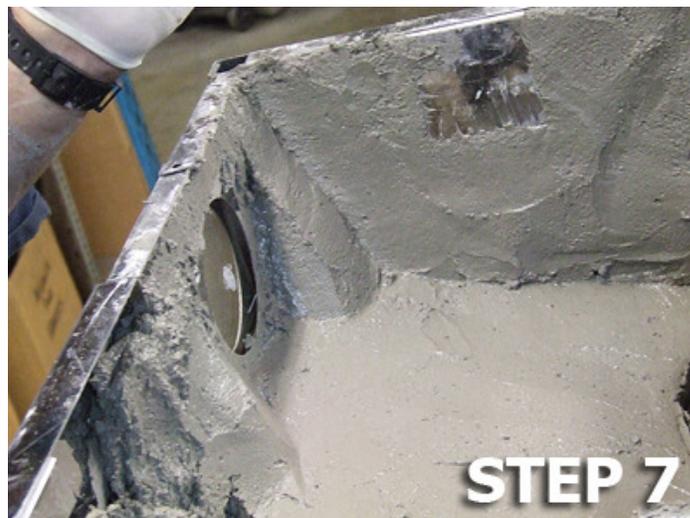
4. And apply cement all around the brick, making sure to fill all the cracks.
5. Use a trowel to smooth the cement.



6. Next, insert the two cement retainer brackets into the bottom left, about 4 inches apart, and blend them into the concrete.
- 6a. Then, insert the two top cement retainer brackets into the top left side, about 4 inches apart, and blend them into the concrete.



7. Next, fill in two thicker "columns" on each side of the window, as shown below.



8. Then finish the cementing, by filling in the front panel, as shown below. Make sure all the cementing has been smoothed out with a trowel.



Putting on the Top

1. First put the Hybond Sealant along the top edge and smooth it out, as best as possible.



2. Then place the top on, slowly and evenly onto the stove. Screw down securely
***MUST GO ON IN CORRECT POSITION VERY FIRST TIME**

