

## **Keystone/ Palladian Exterior Side Stone Replacement**

Please read all of the instructions before you begin the procedure. Confirm that you have all of the necessary tools and materials. If you have any questions, technical assistance is available toll free at 1-800-866-4344, Monday- Saturday, 9 a.m.- 5 p.m. ET

### **Tools Needed:**

- 9/16", 1/2", 7/16" wrench and/or socket
- 5/32" allen wrench
- Putty knife
- Caulk gun

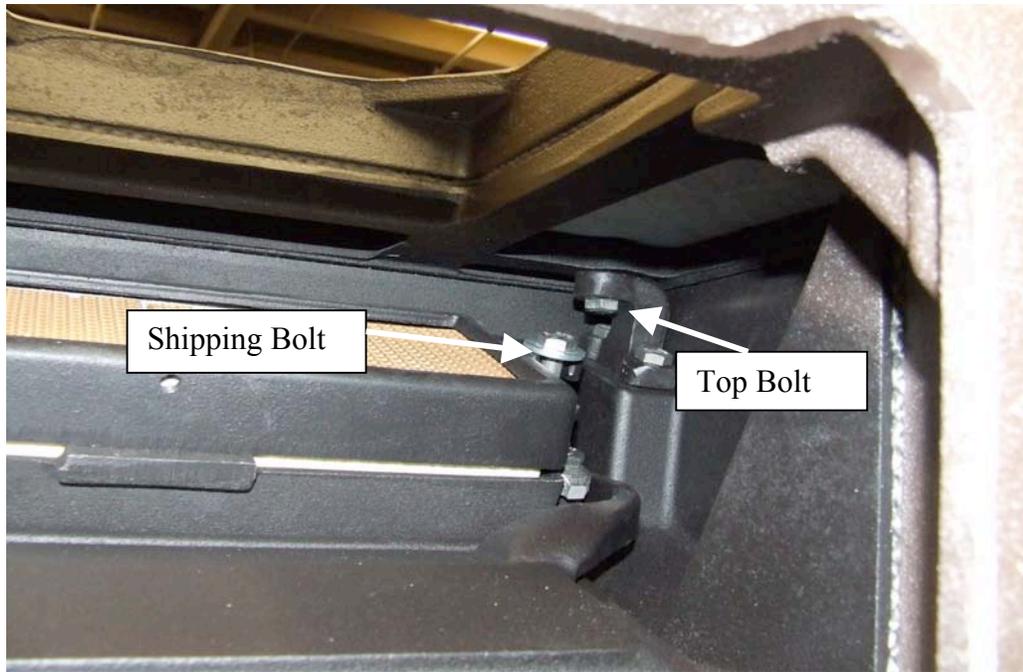
### **Materials Needed:**

- Exterior side stone part # W-285
- Furnace cement
- Gasket glue

1. Make sure the stove is completely out and cool.
2. This procedure will be easier if the pipe is disconnected from the stove. If the stove is top vented, removing the rear cover plate will be helpful as well. Remove the bolts with a 5/32" allen wrench.
3. Use a 7/16" wrench or socket to remove the single bolt that secures the combustor heat shield in place. Remove the shield.



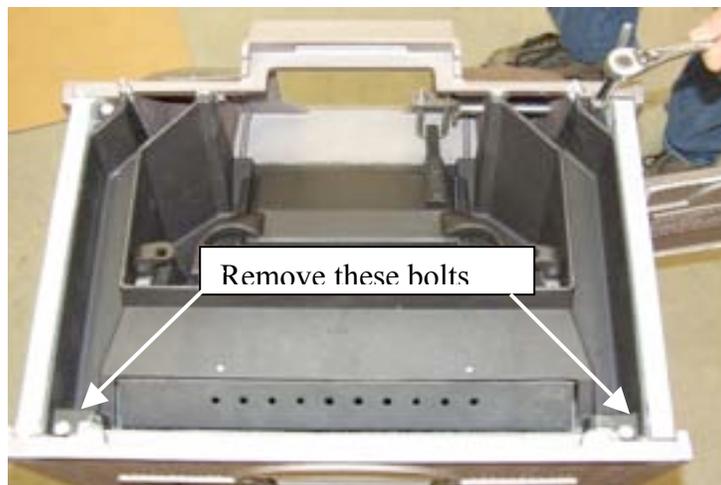
4. Remove the catalytic combustor. If you have not already removed the shipping bolts, use a 1/2" wrench to loosen them. They do not need to be re-installed.
5. The stove top assembly is fastened to the stove body with two bolts through brackets located to the left and right of where the combustor was located. The bolts go up through the brackets and into the underside of the top assembly. Remove the bolts with a 1/2" wrench. (see photo next page)



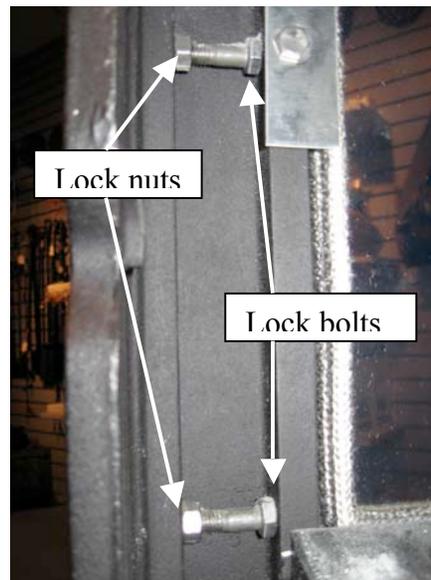
6. Lift the top assembly off of the stove body and set it aside. This part is heavy.



7. Use a  $\frac{1}{2}$ " socket to remove the two bolts that hold the front of the combustor pan to the front wall of the stove.



8. Use a ½” wrench to loosen the locking bolts located on the inside of the door frame. Release the lock nut then turn the bolt to relieve the tension against the front wall.



9. Locate the bolts that secure the front wall to the base of the stove. Do not mistake the leg bolts for these bolts. Loosen but do not remove them with a 9/16” socket.
10. Pull the front wall slightly forward. Slide the exterior stone up and out of the stove. It may be helpful to grab the stone with pliers and have another person assist.
11. Slide the new stone in place. Be sure any gasket that was removed with the old stone is replaced (a small bead of glue will hold it in place).
12. Replace the bolts at the front of the combustor pan, but do not tighten them fully. Tighten the bolts that secure the front wall to the base. Now tighten the combustor pan bolts.
13. Tighten the bolts inside the door frame to provide tension against the front wall. Secure the lock nuts against the door frame.
14. Reseal the seams inside the firebox with furnace cement. It is very important to confirm that all joints are completely sealed. Pay close attention to the front corners and along the base of the firebox.
15. Return the top assembly to the stove and secure it with the two bolts through the brackets.
16. Return the catalytic combustor and combustor shield to the stove.

17. Secure the cover plate in position, and re-install the stove pipe.

We need your help! Woodstock Soapstone Co. takes pride in providing the highest quality products as well as the best customer service in our industry. We welcome your suggestions and input to help us achieve these goals. If you have any comments to improve our products, service, and information provided in these instructions please contact us at (800) 866-4344 or [info@woodstove.com](mailto:info@woodstove.com). Thank you.