

## **Progress Hybrid Front Glass Gasket Replacement**

Please read all the instructions before you begin the procedure. Confirm that you have all the necessary tools and materials. If you have any questions, technical support is available toll free at 1-800-866-4344, Monday-Saturday 9:00 – 5:00 ET

### **Tools Needed:**

- 1/8" hex key (Allen Wrench)
- 1/4" hex key (Allen Wrench)
- 1/2" socket and ratchet
- Sharp scissors

### **Materials Needed:**

- 12 ft. Adhesive backed window gasket
- Rope or nylon strap (long enough to go around the body of the stove)

1. Tie a piece of rope around the stove so as to hold all the components together when the top frame is removed. The rope should be located about 1/3 of the way down from the top of the stove.
2. Use a 1/8" hex key (Allen wrench) to loosen the set screws at the top of the front cast corners. Once the set screws are loosened try to remove the corners by lifting them straight upward and swinging the lower end outward. (If they cannot be removed this way, then locate the tie rod end under the base of the stove. The pipe may need to be disconnected if you are top vented).



3. The tie rods are fastened with a 1/2" hex nut, which is located close to the leg bolts. Now lift upward on the large top frame just above the first of the cast corners and

remove the cast corner as previously described. Repeat this process for the other front cast corner.



4. Locate the four Allen nuts that fasten the cast front to the stove. There are two on each side of the frame.
5. Use a 1/4" hex key to loosen the four nuts. It is very helpful to have a second set of hands as you remove the front frame assembly.



6. **Note:** The assembly consists of a cast iron frame and two panes of glass. On top of the assembly sits the over the front stone that will also come loose when the front assembly is removed. If the stone is dropped it may be damaged. One person should hold the stone upward while the other removes the front assembly.
7. **IMPORTANT NOTE:** Keep the glass panels in the same position during this process. The outer face of the inner pane has an infrared coating. This coating protects the area directly in front of the stove from excess radiant heat. **When the glass panes are removed from the frame they should be clearly marked as Interior and Exterior so they are re-installed correctly.**

8. The gasket is adhesive backed. Peel off the paper backing (a small section at a time) to expose the adhesive. Start at one corner of a pane and fold the gasket evenly over the edge. Cut the gasket to length as you return to the starting point. Start the gasket in a different corner for the second pane.
9. Hold the top front stone in position as the front assembly is lined up with the studs in the stove body. Make sure the glass panes stay aligned to each other and stay inside the window frame.



10. Fasten the front assembly to the stove with the four allen nuts using a 1/4" hex key. Tighten them evenly by alternating left to right and top to bottom.
11. Place the two cast corners into position. Push each corner inward and under the rope.
12. Replace the top cast with the draw rods if it was removed in step 3. Reconnect the pipe as well.
13. Use the 1/8" hex key to tighten the set screws on the corners and lock them in place.
14. Remove the rope.
15. Your stove is ready for immediate use.

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Revised 4/23/12