

KNOCKDOWN ASSEMBLY

Instructions for
Excelsior Oil Fired Boiler



P/N 240007210, Rev. A [04/08]

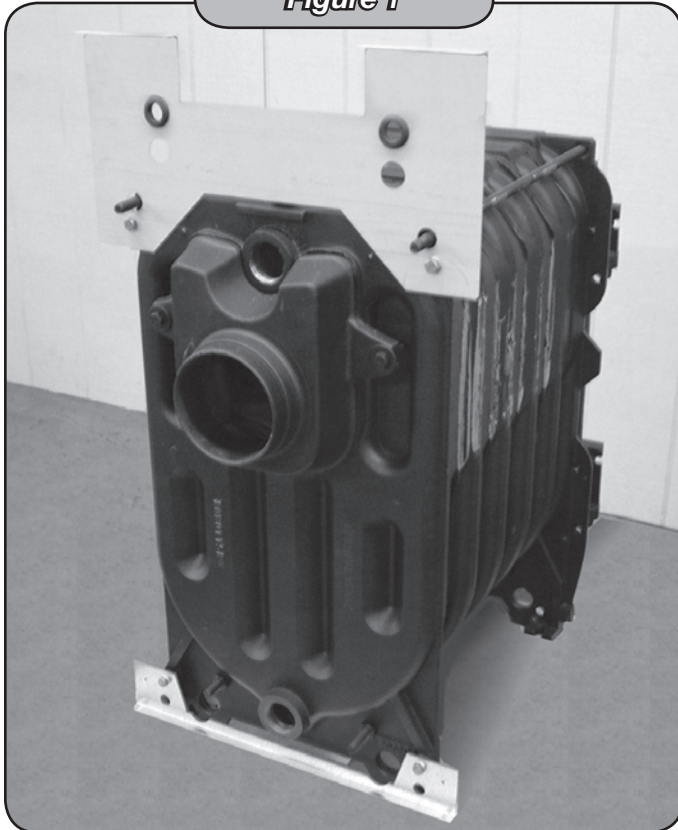
⚠ WARNING

This assembly must be completed by a qualified installer or service agency, in accordance with the manufacturer's instructions, and in accordance with all codes and requirements of the authority having jurisdiction. Failure to follow these instructions could result in fire or explosion resulting in property damage, personal injury, or loss of life.

SUPPLEMENTAL INSTRUCTIONS

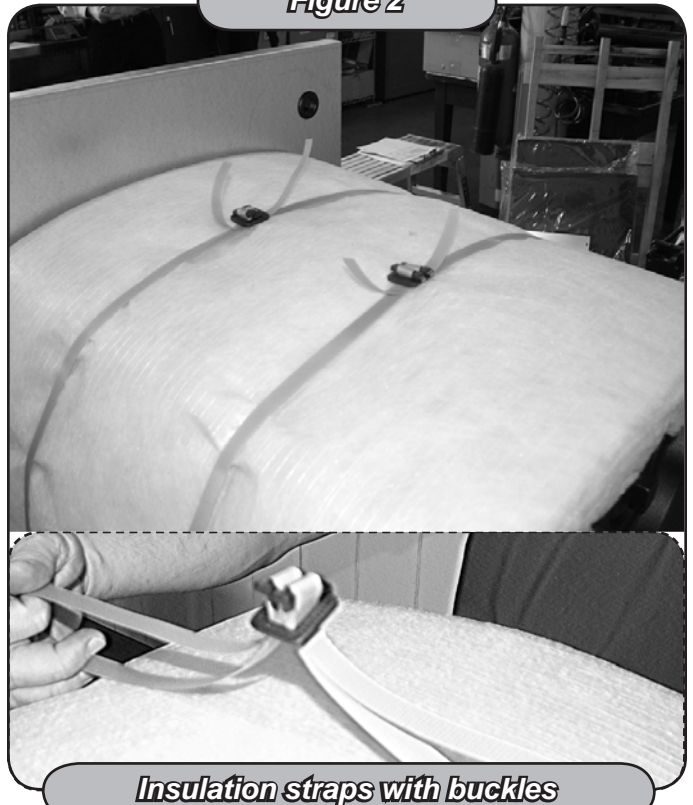
1. Remove all components from crate. It may be to the installer's advantage to place the cast iron boiler block close to where the final installation location will be.
2. Install rubber grommets in rear top plate. Attach top and bottom plates to boiler with brass bolts and washers. Be sure top flanges point toward the front of the boiler or the top panel will not fit on the boiler. See *Figure 1*.

Figure 1



3. Wrap insulation around boiler with the backing side out. Wrap 2 banding strips around insulation. Cinch banding together with plastic buckles provided. See *Figure 2*. Cut off excess banding material.

Figure 2

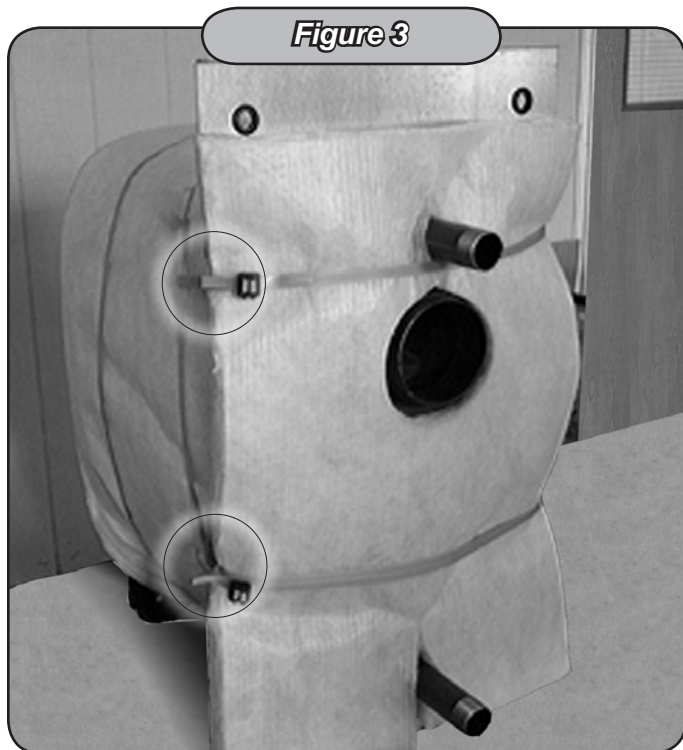


Insulation straps with buckles

4. Attach pipe nipples to supply and return outlets. Be sure to use pipe dope before screwing into boiler.

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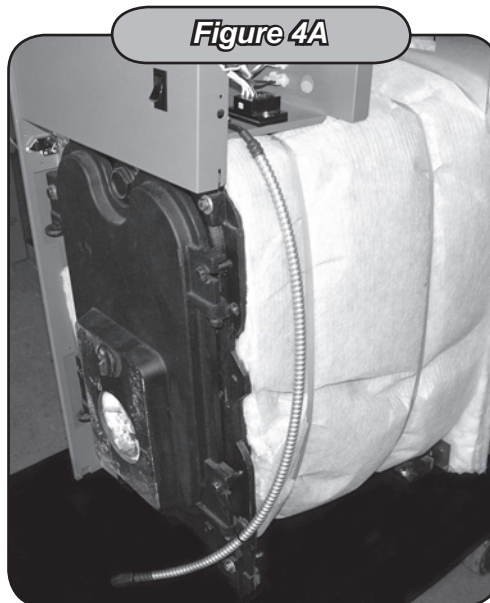
5. Attach insulation to rear of boiler. Attach insulation straps to rear strap with plastic buckles as shown in *Figure 3*. Cut off excess strap material as shown.



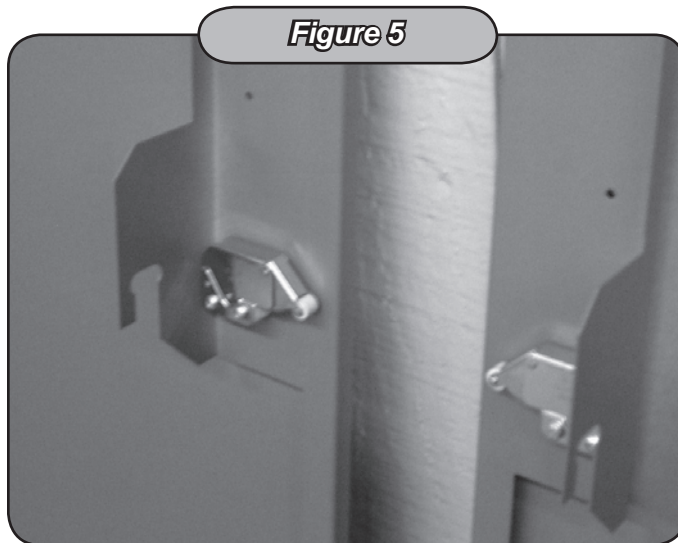
6. Insert brass bolts into threaded holes on front of boiler as shown in *Figure 4*. Do not tighten down. These bolts will hold the side Jacket panels on the boiler.



7. Place the Control Panel assembly on top of the boiler. Let the burner wire harness hang down on the right side of the boiler. See *Figure 4A*.



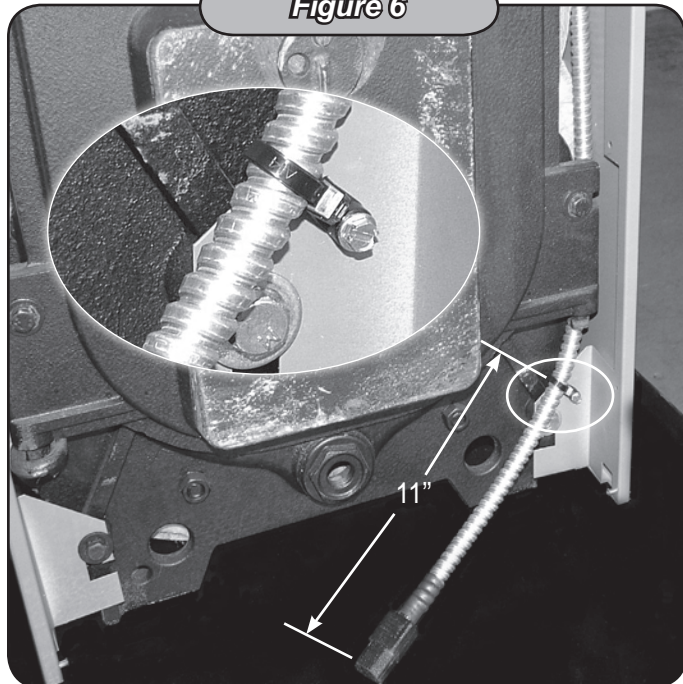
8. Attach the mini latches on the side jacket panels using the longer screws provided. See *Figure 5*.



9. Place the side jackets on the brass bolts from step 6. At the rear of the boiler, be sure the bottom fits over the boiler and the top fits over the back plate flange from step 2. Note the position of the burner wire harness. See *Figure 6*.

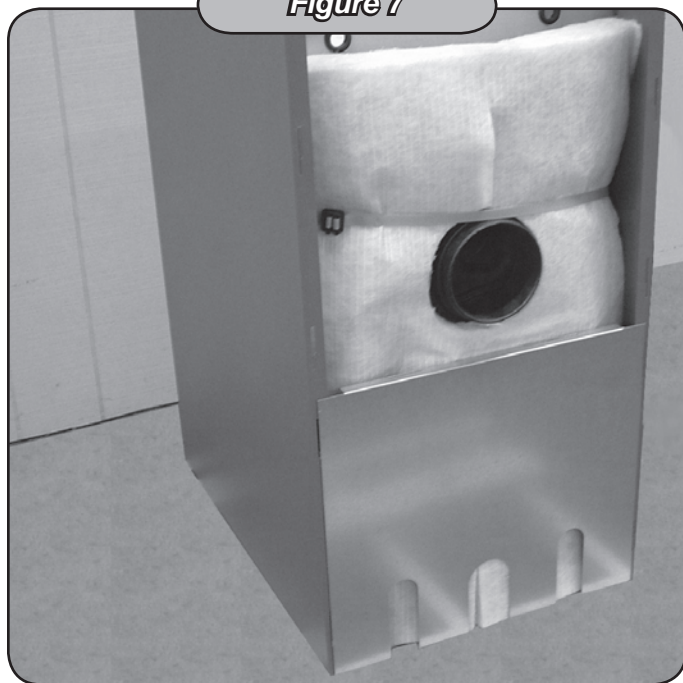
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Figure 6



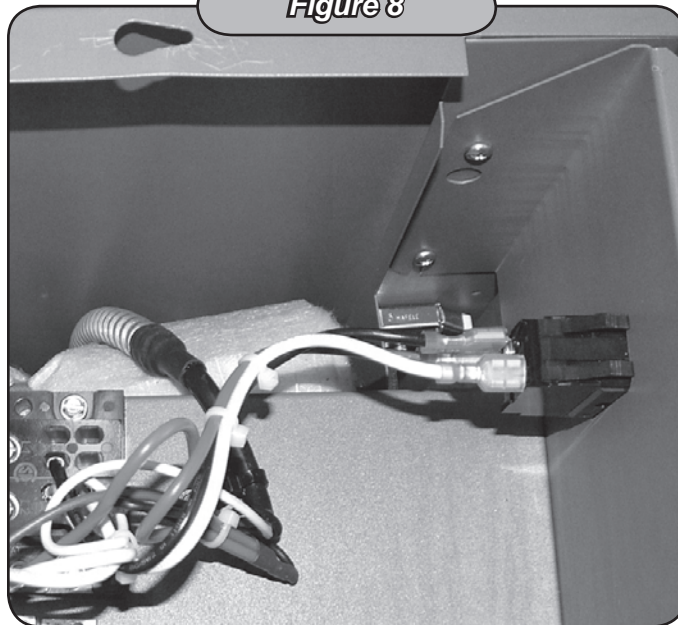
10. Attach the burner harness zip tie to right side jacket. If no hole is present, drill 1/8" dia. See **Figure 6**.
11. Attach the lower rear panel. The tabs fit into the slots in the side panels. **Do not** attach the upper rear panel. See **Figure 7**. (Nipples removed for clarity)

Figure 7



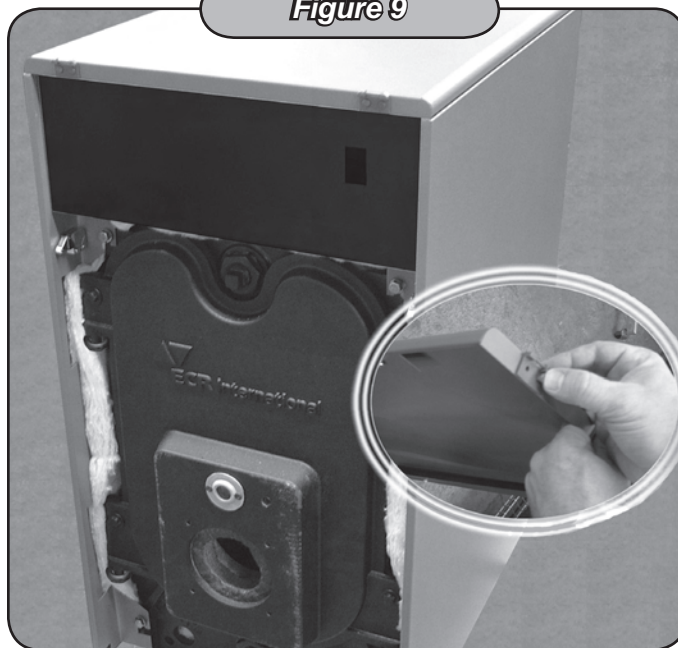
12. Attach the front control panel. With the screws provided, attach the bottom screws, then place the panel onto the screws using the notches in the panel. See **Figure 8**. Then, attach the top using the other two screws.

Figure 8



13. Tighten down the bolts mentioned step 6.
14. Attach the 2 hinges to the Top Panel using the snap rivets. Then, place the top panel over the sides and the front. Be sure the plastic dowels fit into the holes on the top of the side panels. (If the flanges cover holes, re-read step number 2.) See **Figure 9**.

Figure 9



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15. Attach the Rear Top panel with the screws provided.

16. Attach the hooks onto the front panel. See *Figure 10*.

Figure 10



17. Attach the front panel by setting onto the rivets in the side jackets. See *Figure 11*. Swing the door up and push where indicated until a click is heard.

Figure 11



18. Attach the top swing panel by snapping onto the hinges on the top panel. See *Figure 12*.

Figure 12



19. Proceed to "Packaged Boiler Assembly" in the Installation, Operation and Maintenance manual.

For technical assistance with this product call toll free 1-800-325-5479

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