

KNOCKDOWN ASSEMBLY



Instructions for
TriFire Oil Fired Boiler

P/N 240007211, Rev. B [06/08]

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.

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.

NOTICE

Boiler may be piped and pressurized before installing jackets & components.

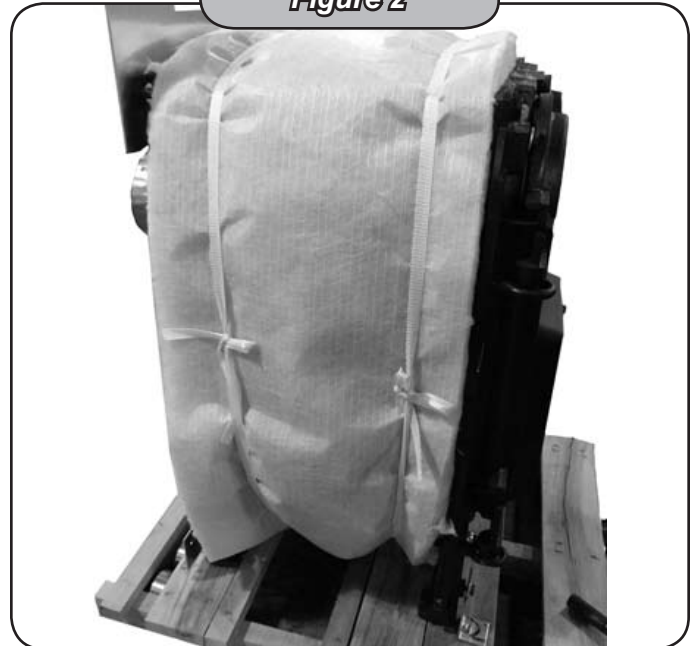
2. Attach top and bottom rear intermediate panels with 5/16"x1/2" bolts & washers. Be sure top flanges point toward the front of the boiler. Bottom panel flanges will point rearward. Hold bottom flange to top of holes while tightening bolts. See *Figure 1*.

Figure 1



3. Wrap insulation around boiler with the smooth side out. Be sure to overlap underneath boiler. Wrap 2 banding strips around insulation and tie as shown in *Figure 2*. Cut off excess banding material. The rear insulation is not installed until step 11.

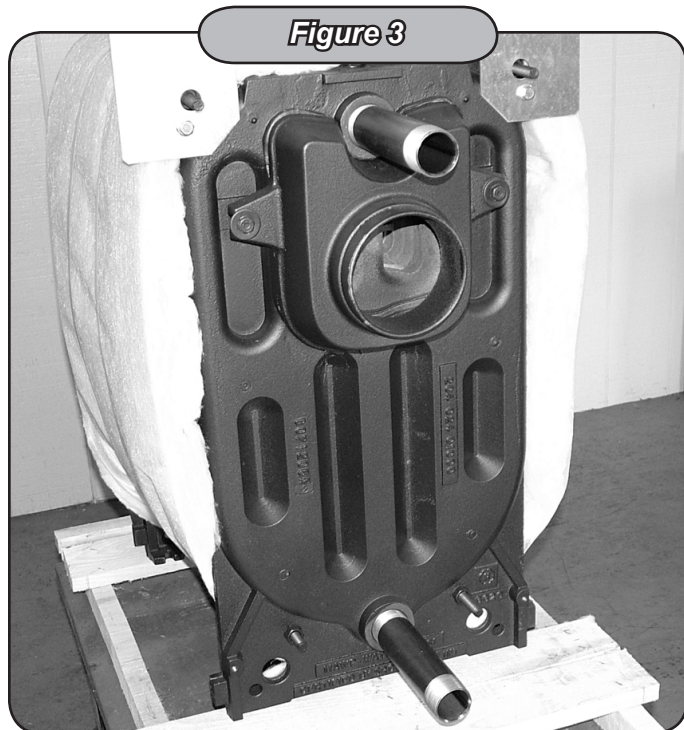
Figure 2



SUPPLEMENTAL INSTRUCTIONS

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4. Attach pipe nipples to supply and return outlets. Be sure to use pipe dope before screwing into boiler. See *Figure 3*.



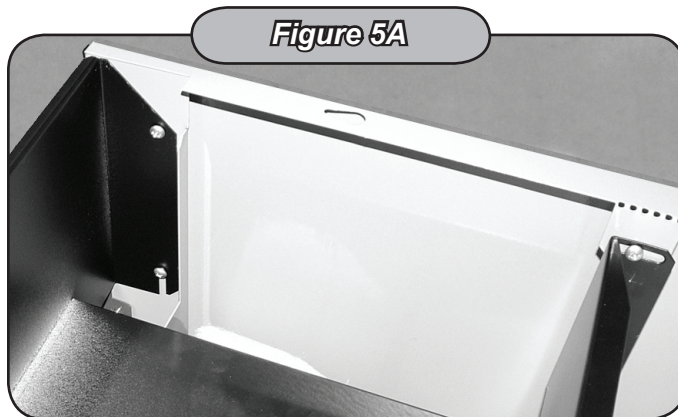
5. Insert (4) 5/16" x 1/2" bolts into threaded holes on front of boiler as shown in *Figure 4*. Do not tighten down. These bolts will hold the side Jacket panels on the boiler.



6. Place the left side jacket panel on the 5/16"x1/2" bolts from step 6. Place the control panel on the top of the boiler with the burner wire harness on the right. See *Figure 5*.



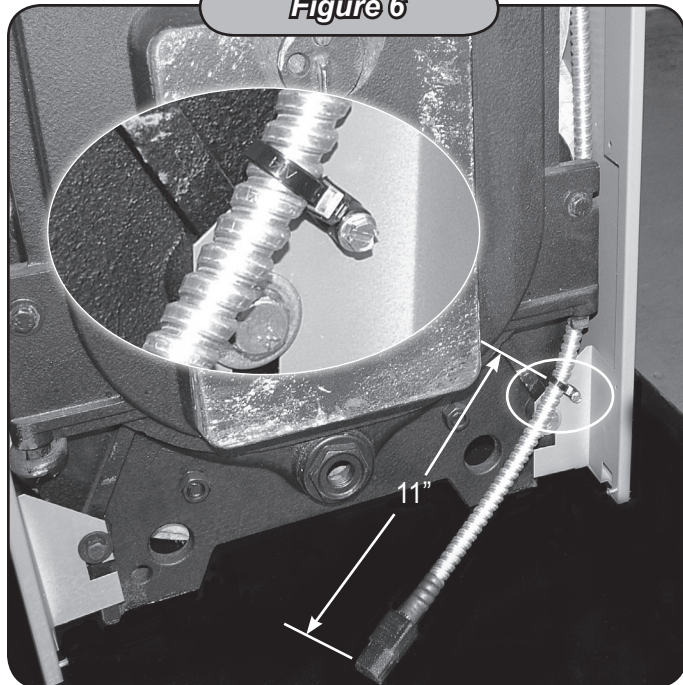
7. Attach the control panel to the left side jacket. The slot on the front of the control panel will slide over the screw in the side jacket panel. See *Figure 5A*.



8. Attach the right side jacket panel to the boiler and control panel like the left side. At the rear of the boiler, be sure the panel fits over the top and bottom intermediate flanges from step 2. Be sure to route the burner wire harness as shown in *Figure 6*. Do not tighten all the hardware yet.

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Figure 6



9. Attach the burner harness zip tie to right side jacket with the screw provided. See **Figure 6**.
10. Attach the side jackets to the lower intermediate bracket at rear of boiler. See **Figure 7**.

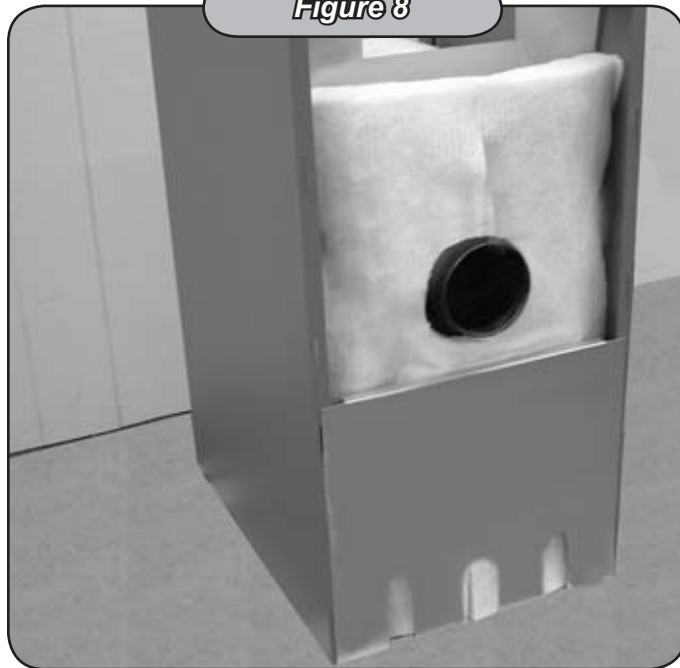
Figure 7



11. Place the rear insulation on the rear of the boiler.

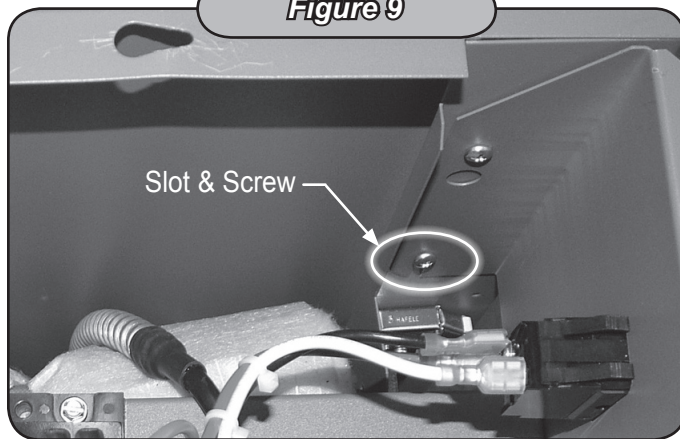
12. Attach the lower rear. Insert the tabs into the slots provided. Do not attach the upper rear panel yet. (Pipe nipples removed for clarity)

Figure 8



13. You may now tighten down the control panel and side panel hardware. You may have to pull the front switch out in order to completely fasten the screws. (See **Figure 9**.)

Figure 9



14. Attach the top panel to the side panels.

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15. Attach the upper rear panel by sliding the tabs into the slots in the side panels and lower rear panel. Use the screws provided to attach the upper rear panel to the top panel. See *Figure 9*.

Figure 9



16. Attach the front panel by setting onto the rivets in the side jackets. See *Figure 10*.

Figure 10



17. Proceed to the section "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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