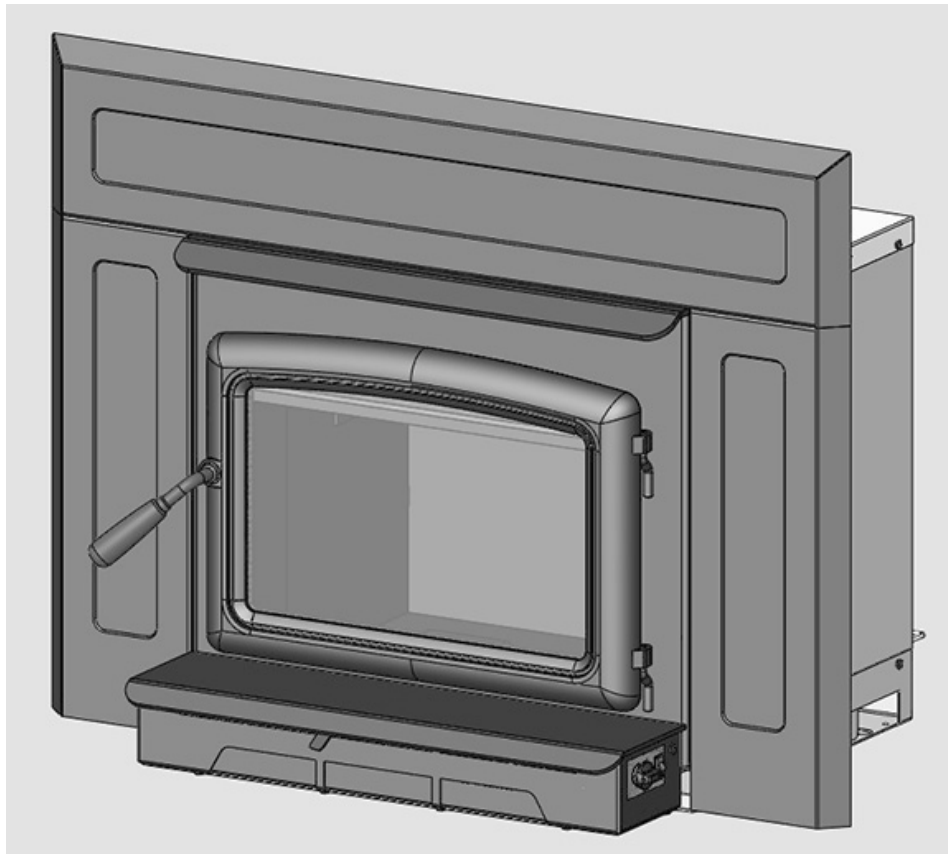


**PACIFIC
ENERGY**

SERVICE MANUAL



MODEL: VISTA INSERT LE2

Intake & Control Assembly Removal & Installation

The Intake and Control Assembly is located behind the blower assembly of the unit.

1. Undo the screw on each end of the blower assembly then carefully slide the assembly out away from the unit. The power adapter wire is connected to the control so you only need to pull the Blower assembly out a few inches to access the Control Board. Figure 1
2. Unplug the adapter plug from the Intake and Control Assembly. Figure 2
3. Disconnect the blower connections from the blower assembly and remove the blower assembly. Figure 3
4. Separate the thermocouple connections by the right side blower. Figure 4

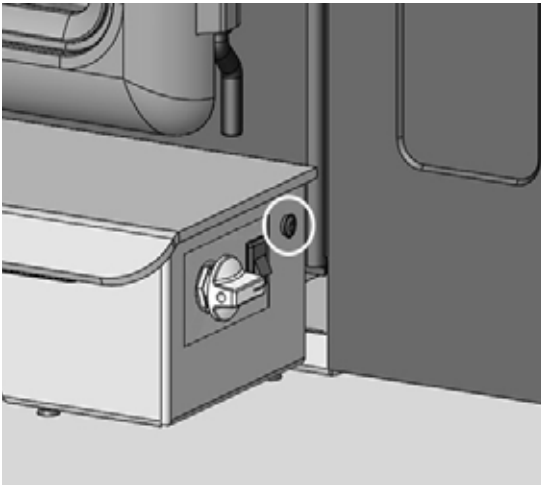


Figure 1: Blower screws.



Figure 2: A/C Adapter plug.



Figure 3: Blower connections.

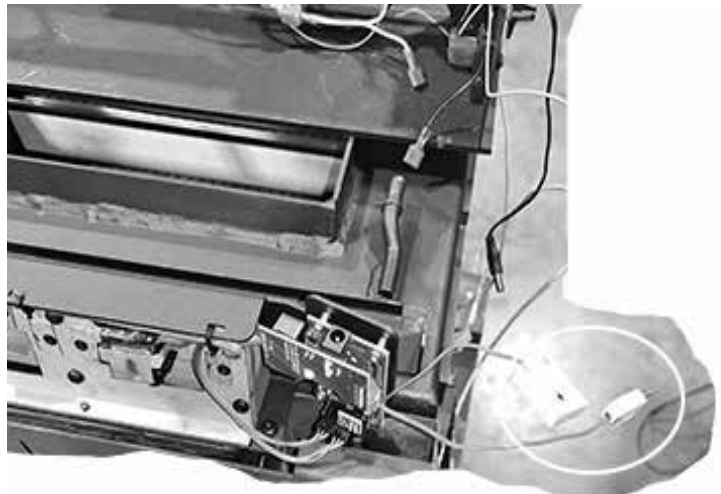


Figure 4: Thermocouple connections.
Vista Insert LE2

5. Remove the two screws securing the Intake and Control Assembly to the unit. Figure 5 and Figure 6
6. Reverse the previous steps to reinstall the new Intake and Control Assembly.
7. Route the wires from the power supply and the thermocouples down behind the tab on the casing bottom on the unit and up above the Intake & Control assembly. Figure 7
8. Re-install the Blower assembly, being careful to not pinch the wires. Figure 7

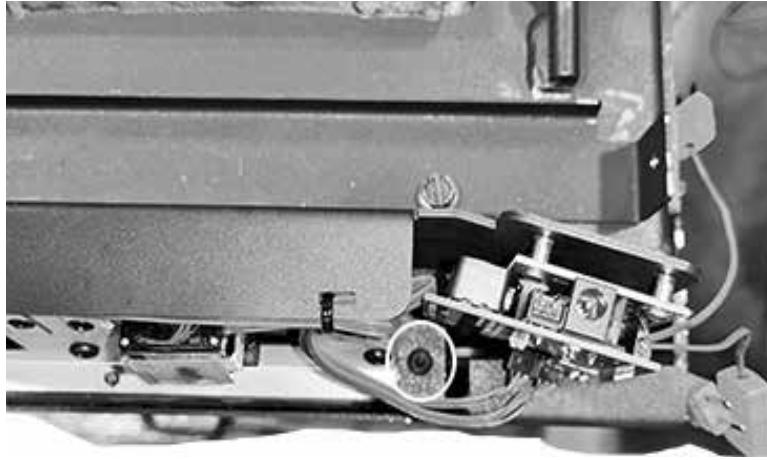


Figure 5: Control - Right end screw.

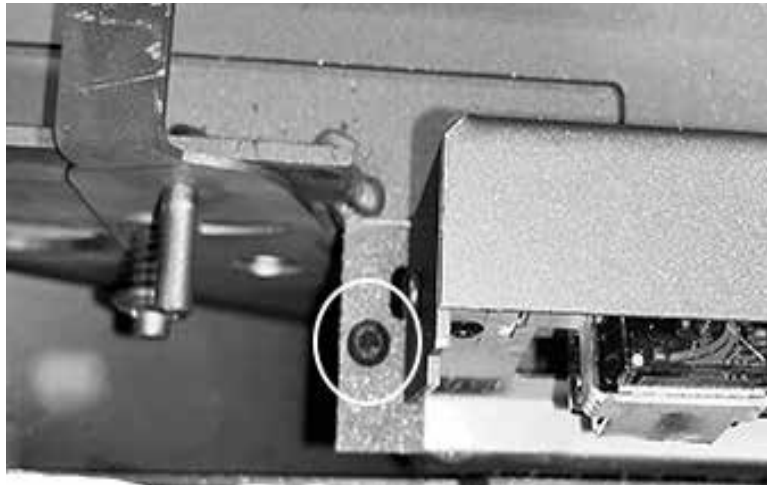


Figure 6: Control - Left end screw.

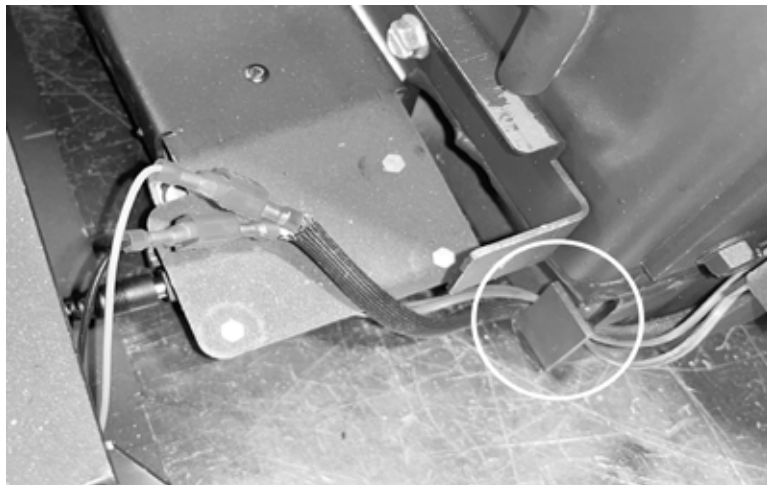


Figure 7: Route wires.

— Optional Battery Box Installation & Changing Batteries —

The unit can be powered by an optional battery back-up box. Follow the steps below to install the battery box.

1. Open the package for the Optional Battery Box.
2. Separate the barrel jack extension wire from the Battery box. Figure 8
3. Place the batteries into the battery box and place the battery box on the outside edge of the surround with the wires facing down. Figure 9



Figure 8: Separate wires.

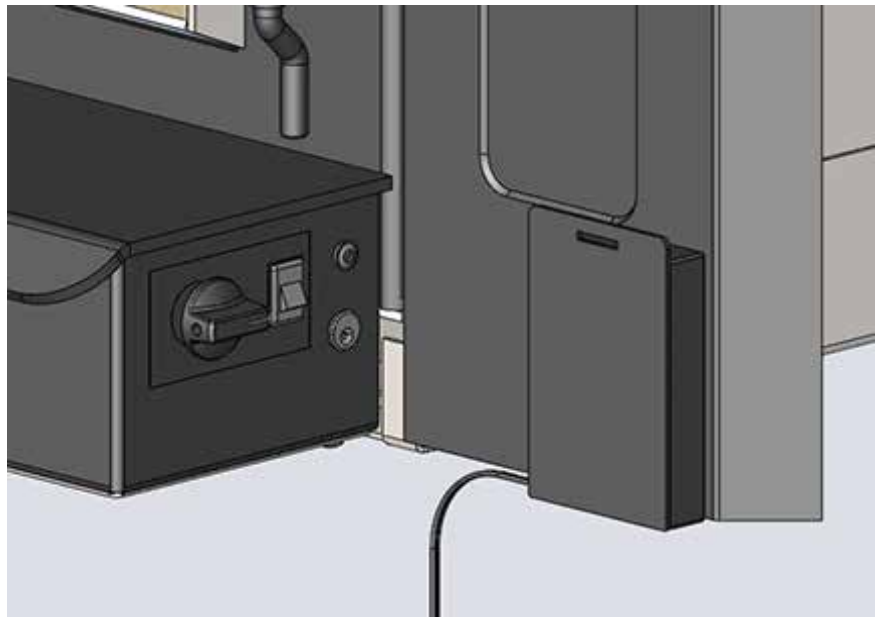


Figure 9: Place battery box on surround.

4. Plug the barrel jack from the battery box into the plug in the side of the blower assembly. Figure 10

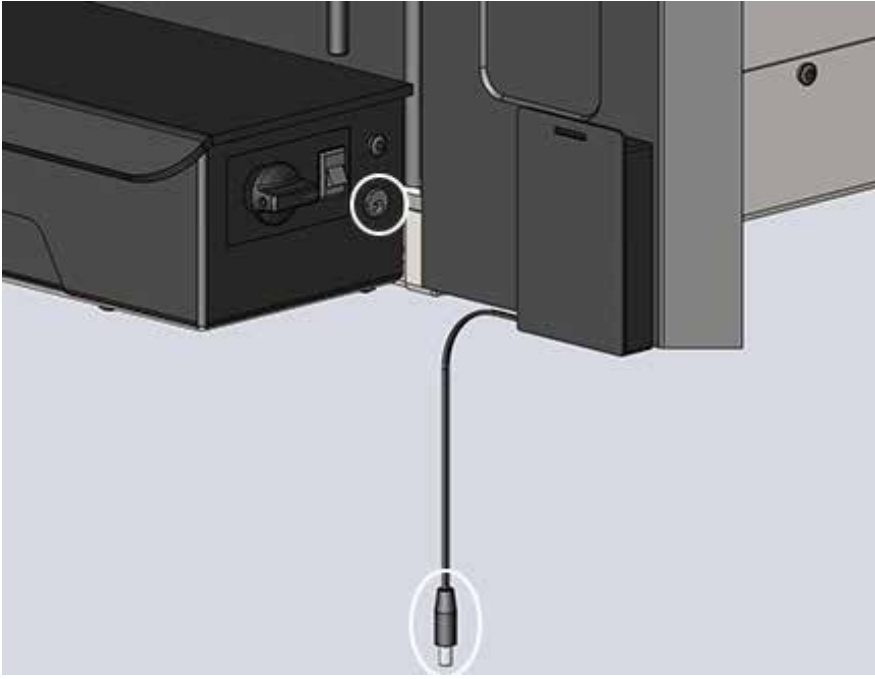


Figure 10: Plug in battery box.

Thermocouple Replacement

The unit has two thermocouples, one located in the Flue and the other is located in the right side of the fire-box behind the access cover. ("Right side" is your right and determined when standing facing the front of the unit.)

Flue Thermocouple

1. Remove the baffle and disconnect the Flue Liner from the unit by undoing the two 5/16" nuts securing the removable collar to the unit.
2. Unplug and slide the unit completely out of the fireplace.
3. Remove the Surround by lifting and pulling away from the unit.
4. Remove the front section of the top casing by undoing the two screws, one on each side. Figure 11
5. Remove the side access cover by undoing the screw holding it in place. Figure 12



Figure 11: Top casing screws.



Figure 12: Side access cover.

6. Undo the two screws holding the flue thermocouple guide to the mounting bracket. Figure 13
7. Rotate the thermocouple counter clock-wise to disengage it from the thermocouple guide then pull it out of the hole in the guide. Figure 14
8. Carefully pull the thermocouple connection for the flue thermocouple out near the bottom right, front corner of the unit and disconnect it. Figure 15. Guide the thermocouple out through the side access opening.
9. Reverse steps 1-8 to reinstall the new Thermocouple.

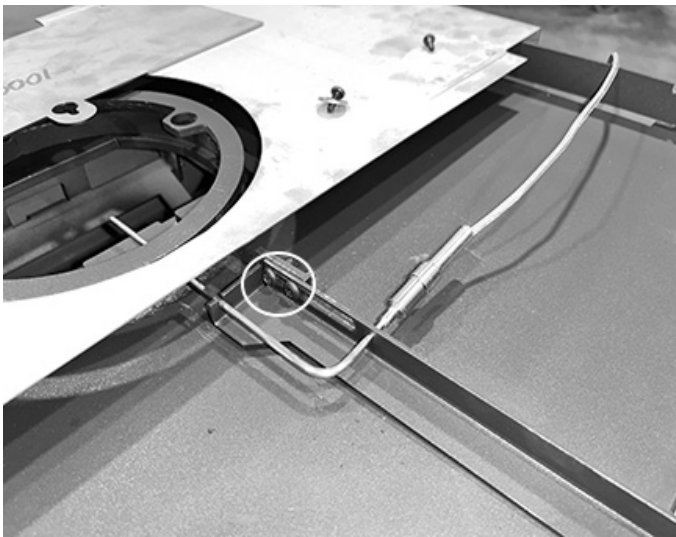


Figure 13: Flue Thermocouple guide.

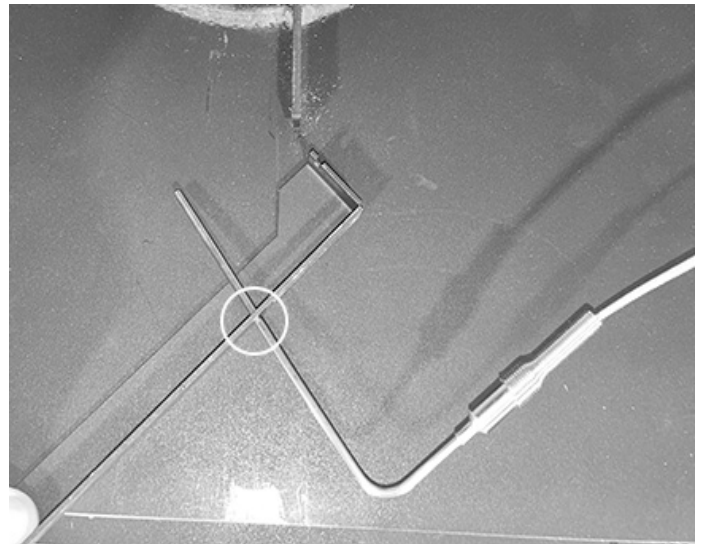


Figure 14: Remove thermocouple.

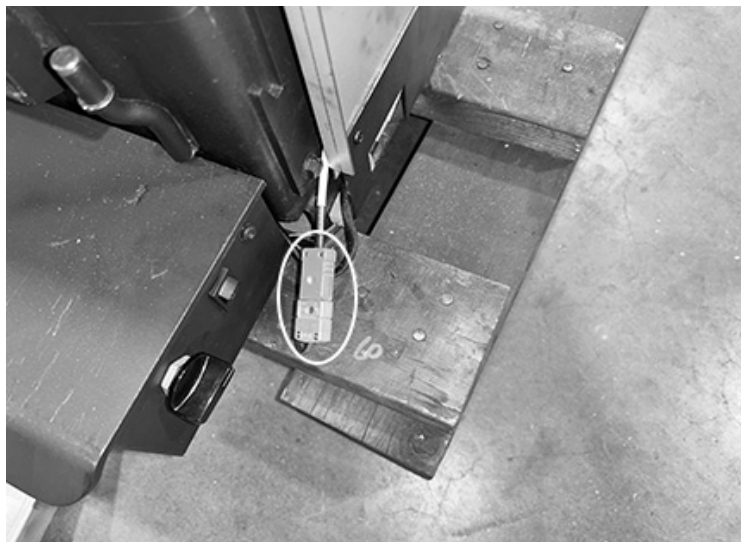


Figure 15: Flue Thermocouple connection.

Firebox Thermocouple

1. Remove the baffle and disconnect the Flue Liner from the unit by undoing the two 5/16" nuts securing the removable collar to the unit.
2. Unplug and slide the unit completely out of the fireplace.
3. Remove the Surround by lifting and pulling away from the unit.
4. Remove the side access cover by undoing the screw holding it in place. Figure 16
5. Carefully pull the thermocouple connection for the firebox thermocouple out near the bottom right, front corner of the unit and disconnect it. Figure 17



Figure 16: Side access cover.



Figure 17: Firebox thermocouple connection.

6. Bend the securing tab up approximately 45 degrees then rotate the thermocouple in a clockwise direction and carefully pull out of the firebox side. Figure 18. Guide the wire and thermocouple out through the access cover opening.
7. Reverse steps 1-6 to reinstall the new Thermocouple.

NOTE: RISK OF SHOCK/SHOCK HAZARD - ENSURE THE THERMOCOUPLE WIRES IS ROUTED AWAY FROM THE TEMPERATURE SWITCH BELOW THE THERMOCOUPLE. Figure 19

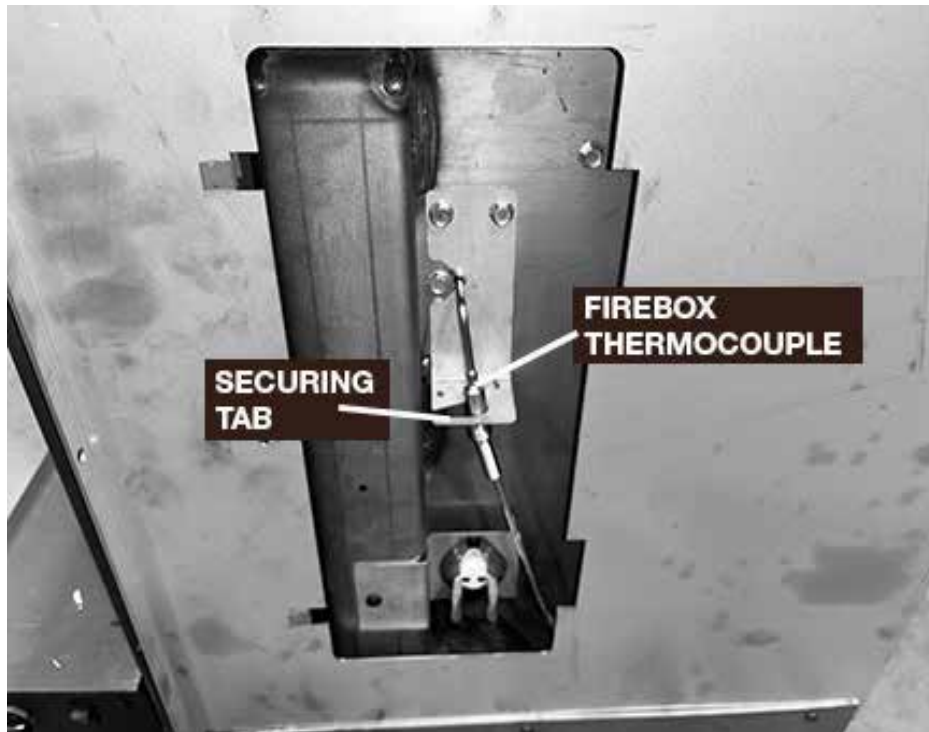


Figure 18: Firebox thermocouple connection.

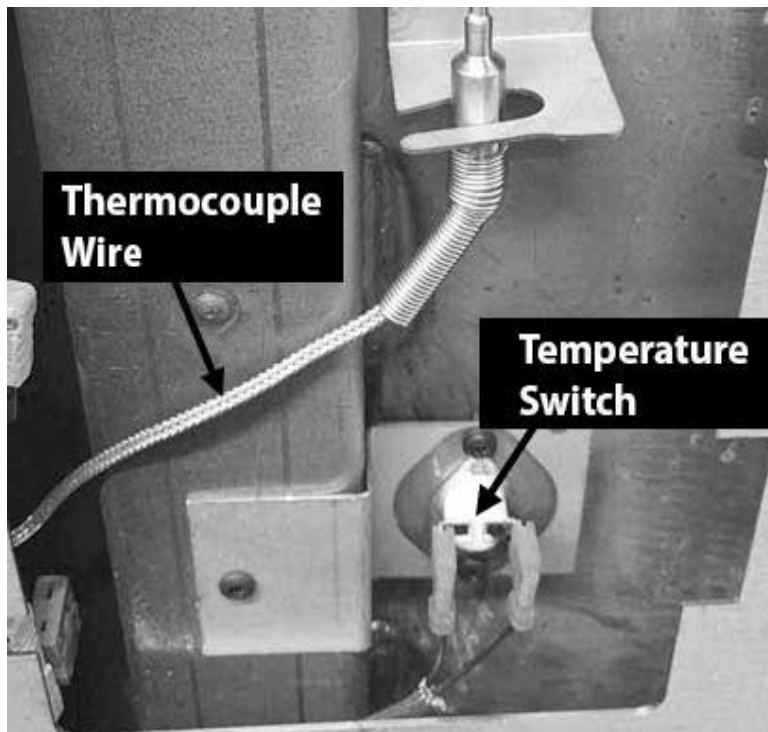


Figure 19: Firebox thermocouple routing.

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