

England's Stove Works, Inc.

Pellet, Wood, Gas and Coal Stoves

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THE IMPORTANCE OF CHECKING ALL WIRE CONNECTIONS

Over the years there have been many instances where parts (purchased as well as warranty) were shipped back under the assumption that they were defective due to a simple improper wire connection. This not only costs money, but also causes unnecessary downtime, along with the frustration of waiting for another part to be shipped.

How can this be prevented? By taking the time to thoroughly check both wire and hose connections (at each end) to ensure that they are tight – and in the case of the wire connections, ensuring that the spade end is inside the metal part of the connector on the wire.

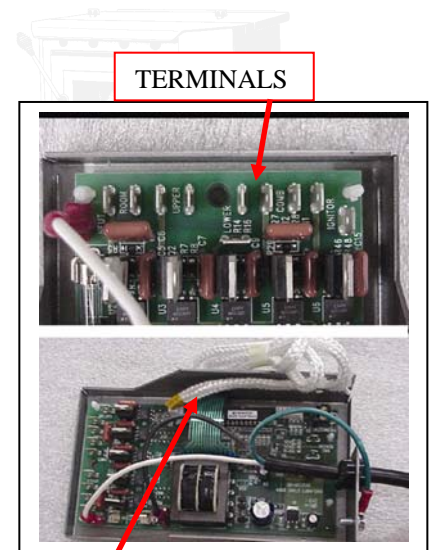
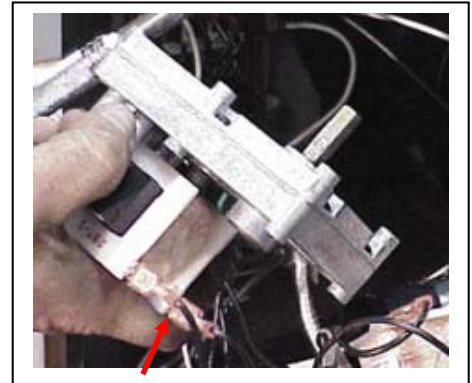
Many times, one end of the wire connection will get loose and cause the part not to work, and simply tightening or re-inserting the wire will fix the problem. This is often the case when a stove is first installed, since shipping the stove from our factory to a store (and then to your home) can jar wires loose.

One particularly important component to check is the Heat Sensor. An insulated wire runs from the Control Board to the Heat Sensor head, which is attached to the front wall of the stove. Be sure that the Heat Sensor wire is firmly connected at the Control Board end, and (very important) also ensure that it is screwed in securely to the front wall of the stove...

a loose Heat Sensor can cause your pellet unit to malfunction.

Finally, check all Vacuum Hose connections (particularly if you are getting "E-Codes" on the Control Board). Be sure the Vacuum Hoses are connected tightly to their components, and that they are not frayed or broken.

If you need instructions on wiring the Circuit Board, see our instruction sheet that details the wiring of your Circuit Board.



Heat Sensor wire (insulated)
Be sure that all wires are connected at the Control Board **and** the component (part) end.

WARNING: STOVE MUST BE OUT (NO FIRE), COOLED DOWN, AND UNPLUGGED BEFORE ANY CHECKS OR MAINTENANCE. ALWAYS FOLLOW ALL CODES.

WARNING: ELECTRICAL SHOCK CAN OCCUR IF UNIT IS NOT UNPLUGGED.

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