

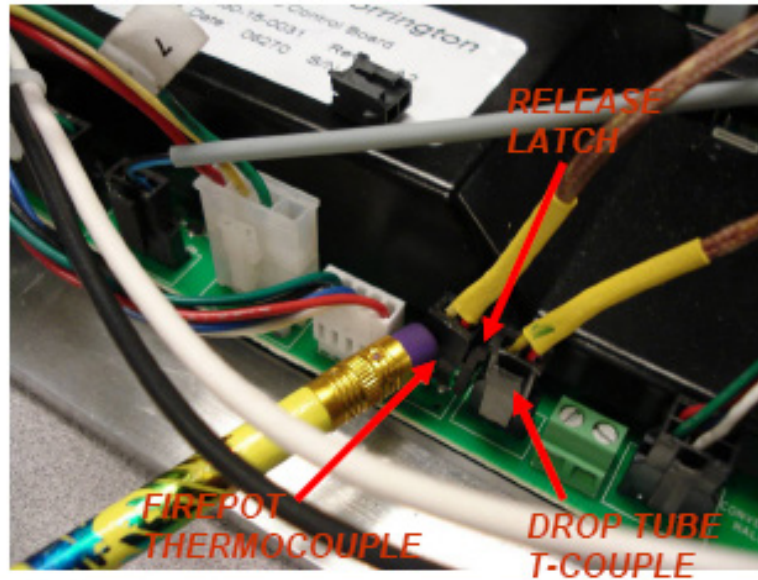
MT VERNON-AE TROUBLE SHOOTING MANUAL

FIREPOT THERMOCOUPLE TROUBLE-SHOOTING

REMOVE THE THERMOCOUPLE FROM THE BOARD.

IT IS EASIER IF YOU REMOVE THE DROP TUBE T-COUPLE FIRST.

THIS WOULD ALLOW ACCESS TO THE RELEASE LATCH FOR THE FIREPOT T-COUPLE.



TEST FOR MILLIVOLTS OR TEST FOR AN OPEN CIRCUIT.

HEATING THE THERMOCOUPLE WILL PRODUCE MILLIVOLTS.

IF THE T-COUPLE PRODUCES MILLIVOLTS, IT IS GOOD.

IF THE T-COUPLE HAS CONTINUITY, IT IS GOOD.



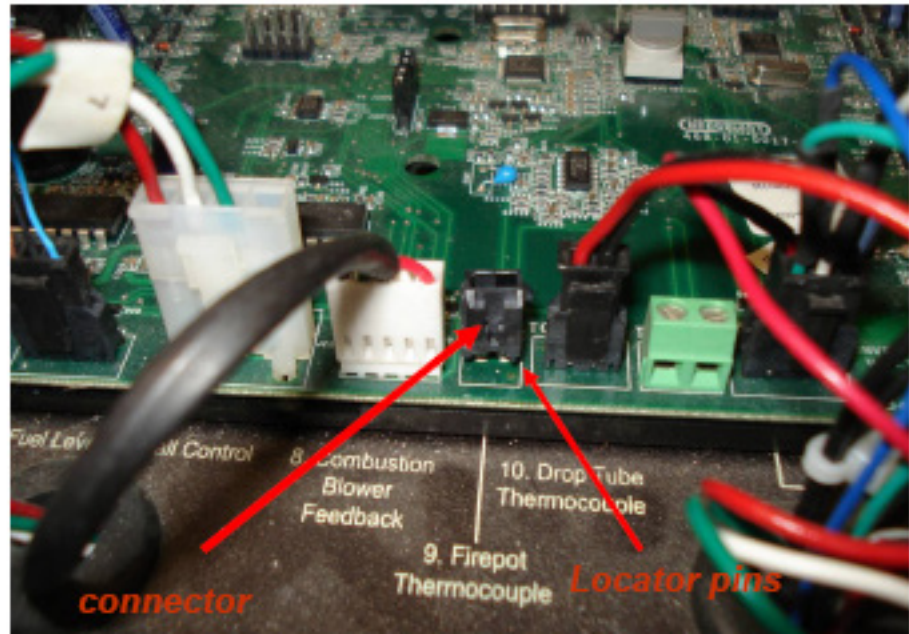
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FIREPOT THERMOCOUPLE TROUBLE-SHOOTING

CHECK THE CONNECTOR ON THE BOARD.

This is an example of the connector not properly seated to the board.

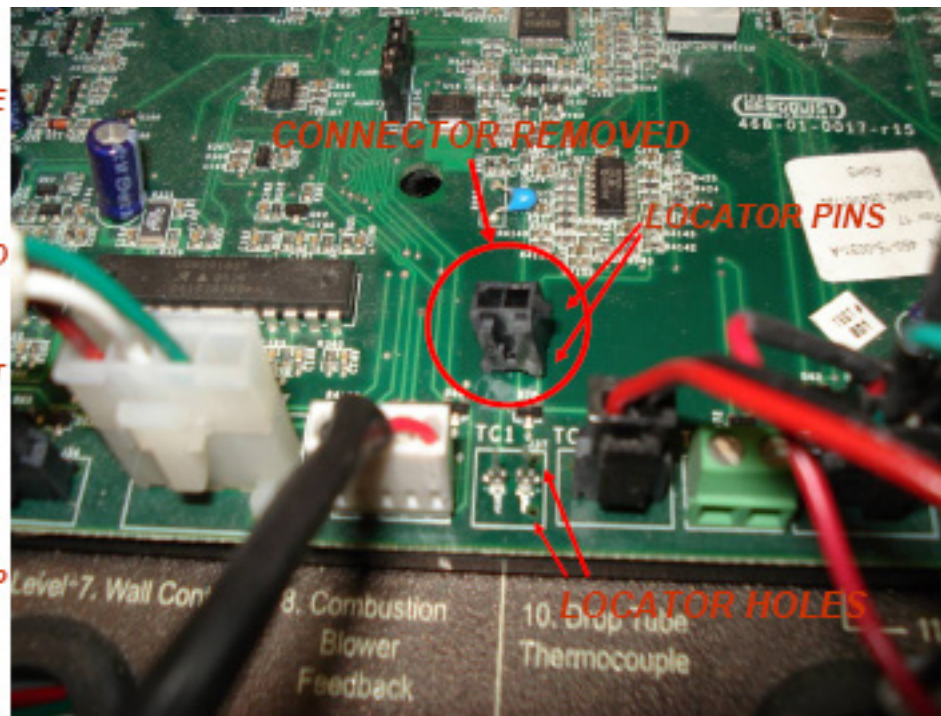
This connector is a friction fit with 2 locator pins.



VIEW OF THE CONNECTOR REMOVED FROM THE BOARD.

MAKE SURE THE CONNECTOR IS SECURLY INSTALLED AFTER CHECKING THE CONNECTIONS.

ALSO, MAKE SURE IT IS ON CORRECTLY OR THE T-COUPLE WILL BE OUT OF POLARITY. (LATCH SIDE MUST BE TOWARDS THE DROP TUBE T-COUPLE CONNECTOR.



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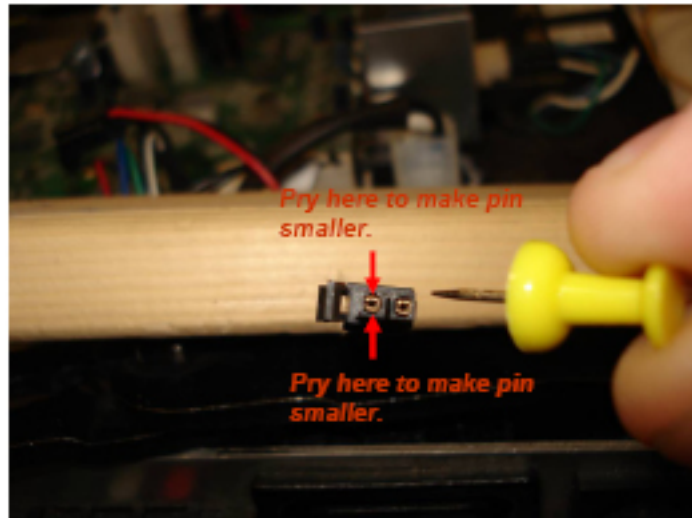
CHECK THE FEMALE PINS ON THE FIREPOT T-COUPLE

Make sure the pins are not bent out to where they can not make a good connection to the board.

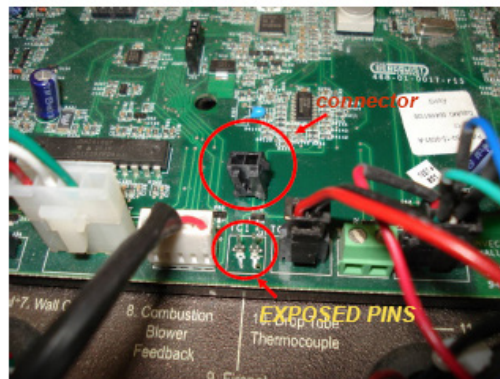
The female pins can be adjusted using a thumb tack to bend the pins inward.

The idea is to make them smaller.

IF ADJUSTING THE PINS WAS NOT SUCCESSFUL, TRY A NEW T-COUPLE.



PULL THE FIREPOT T-COUPLE CONNECTOR OFF OF THE BOARD.



- INSTALL A JUMPER WIRE ON THE EXPOSED PINS.

After installing the jumper wire, plug the stove in and check the wall control.

If the error code for the firepot t-couple goes away, the control board is good.

If the code pops up again, the board is bad.

