

If your unit's pilot light shuts off after the knob is released, the safety switch may be faulty.

How to by-pass the ATM safety switch in a Glass Tube Heater

Be sure to have these tools handy



*** This test is for diagnostic purposes only. The unit will NOT shut of if it falls over. Never run your unit with it by-passed. ***

STEP 1

DISASSEMBLE



You will need to remove the burner to access the thermocouple and bypass the ATM safety switch

The burner will either have 3 or four screws holding it in place

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STEP 1
DISASSEMBLE

Three-bolt burners will have one screw in front



Igniter

Off
Pilot
Hi

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STEP 1

1

DISASSEMBLE

Left side of burner will have one or two screws



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STEP 1
DISASSEMBLE

Right side of burner will have one or two screws



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STEP 2
BY-PASS



After you have removed the burner, set down on a flat surface and begin to bypass the ATM safety switch

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STEP 2
BY-PASS



Grab some pliers and remove the safety switch connectors

STEP 2
BY-PASS

Remove both lead female connectors from the safety switch



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STEP 3

B Y - P A S S

Slide the plastic sheathing off each connector



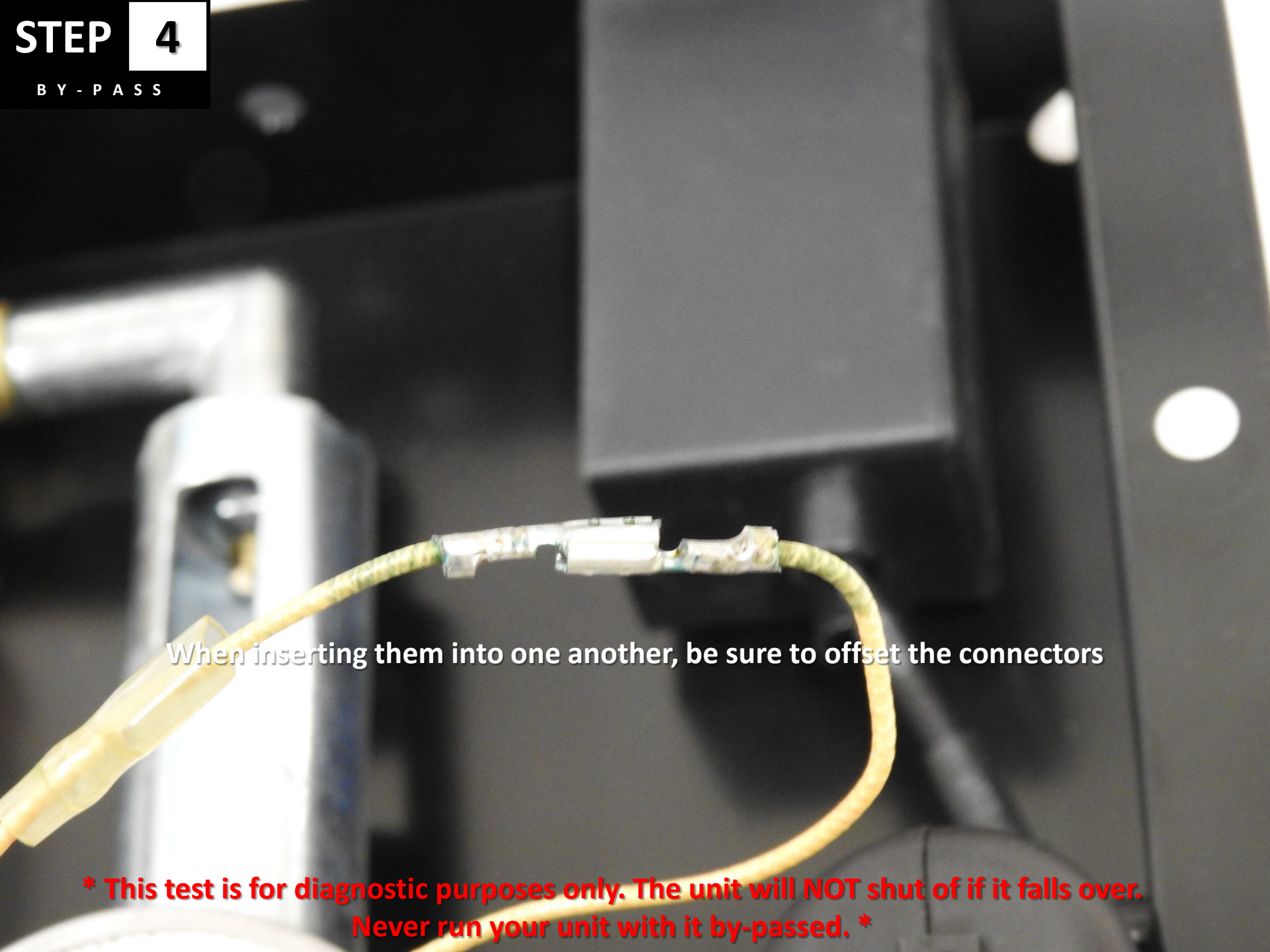
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STEP 3
B Y - P A S S

Flip one connector over so that it may be inserted into the other

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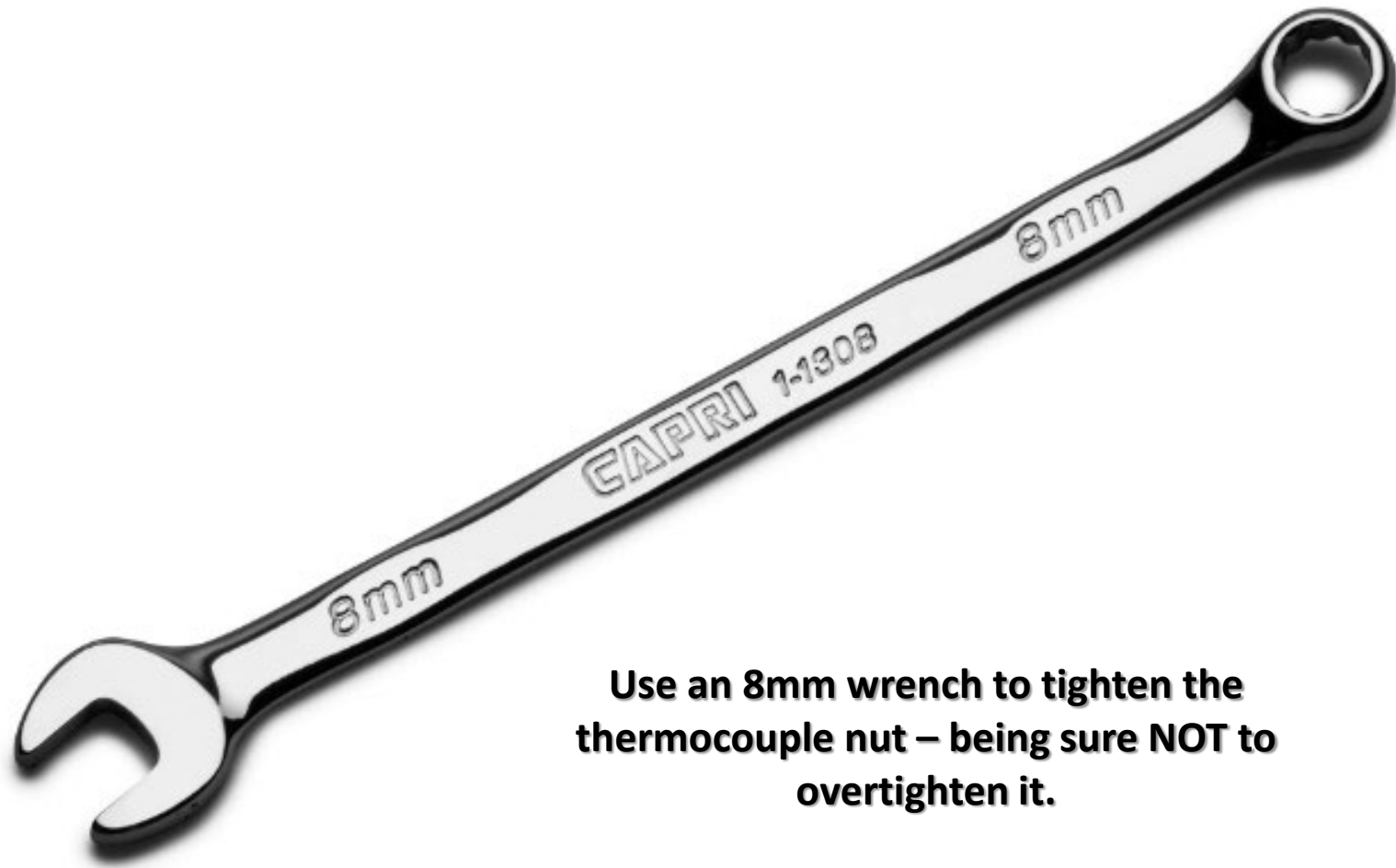
STEP 4
BY-PASS



When inserting them into one another, be sure to offset the connectors

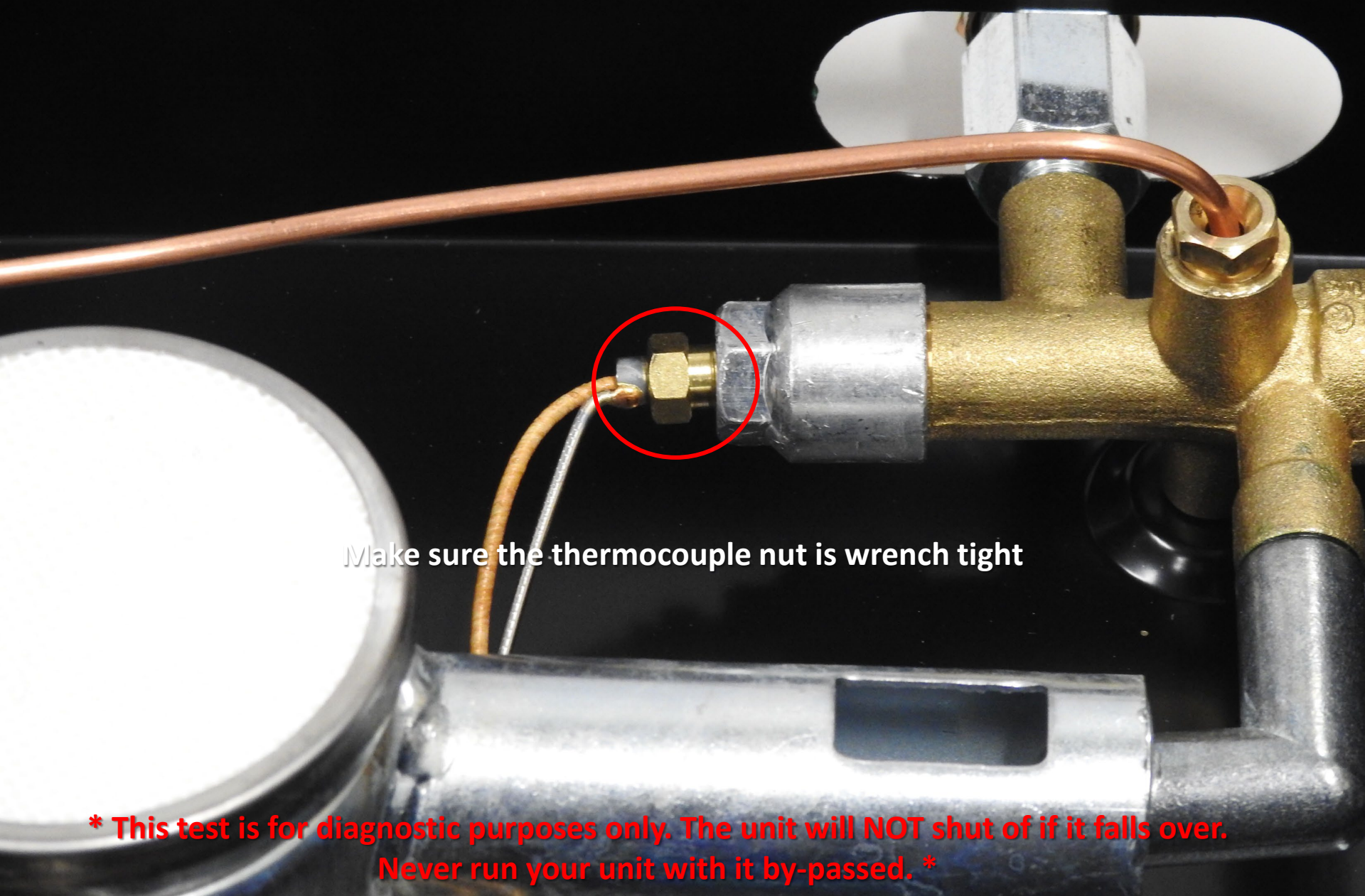
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STEP 5
THERMOCOUPLE



Use an 8mm wrench to tighten the thermocouple nut – being sure NOT to overtighten it.

STEP 5
THERMOCOUPLE

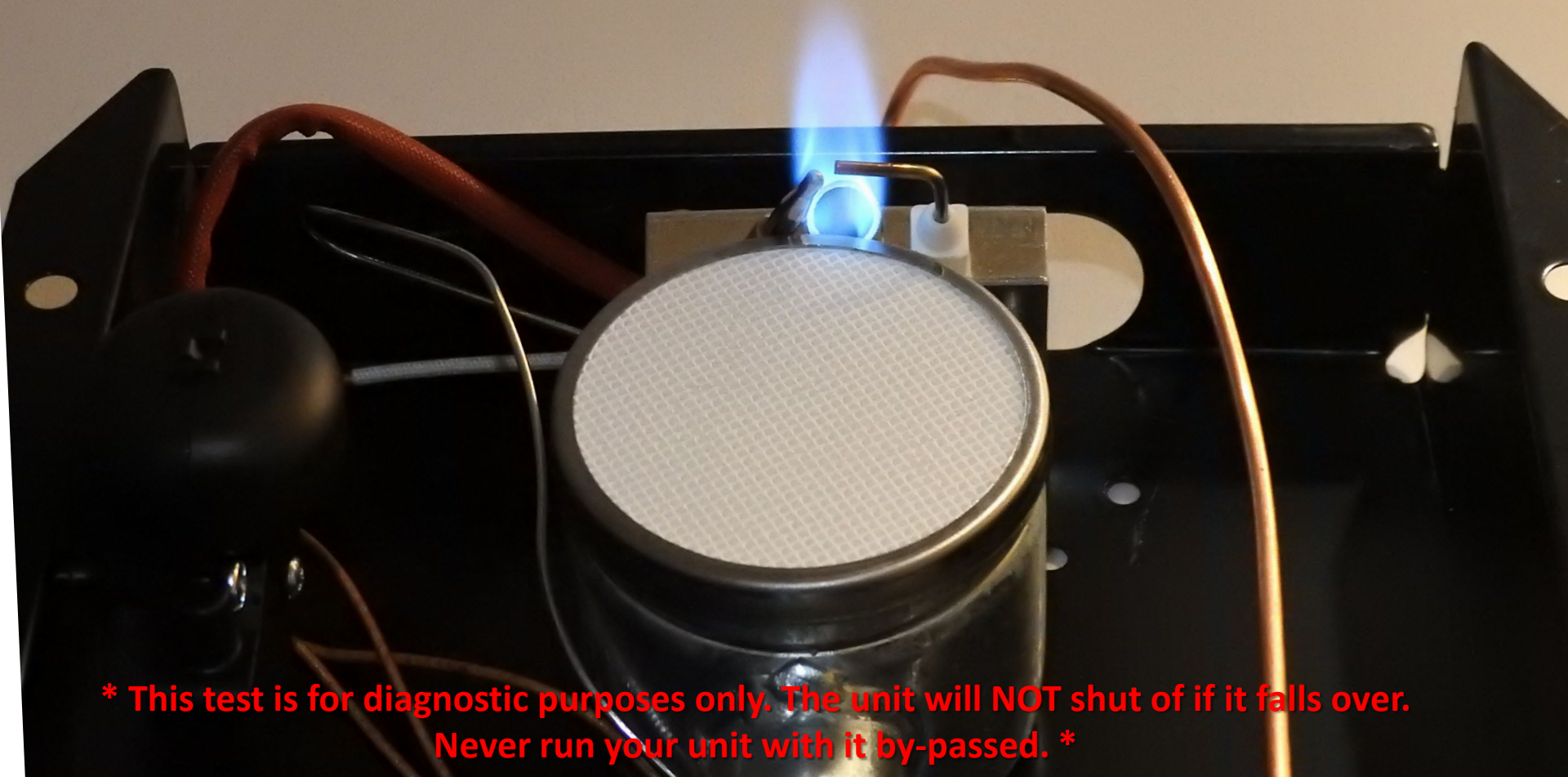


Make sure the thermocouple nut is wrench tight

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STEP **6**
TEST PILOT

Connect the regulator to a propane tank while the burner is out to test the pilot. If the pilot stays on, then you will need a new ATM safety switch



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STEP 7
REMOVE

To replace the safety switch, remove these two screws.



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STEP 8
REPLACE



Replace with a new ATM safety switch
(order link at end of file)

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STEP 8
REPLACE

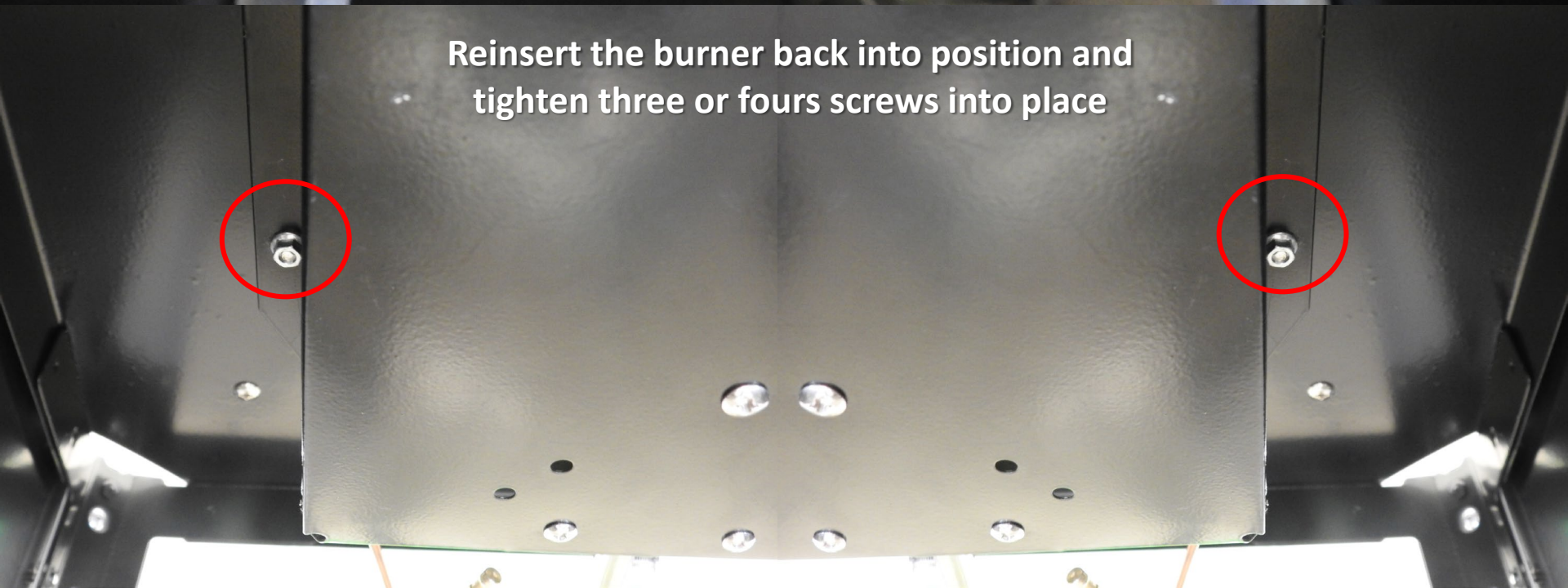
When replacing the ATM safety switch, it will not matter which female connector goes to which male spade

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STEP 9
REASSEMBLE



Reinsert the burner back into position and tighten three or four screws into place





To order the safety switch, please click image



Hiland Anti Tilt Switch

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