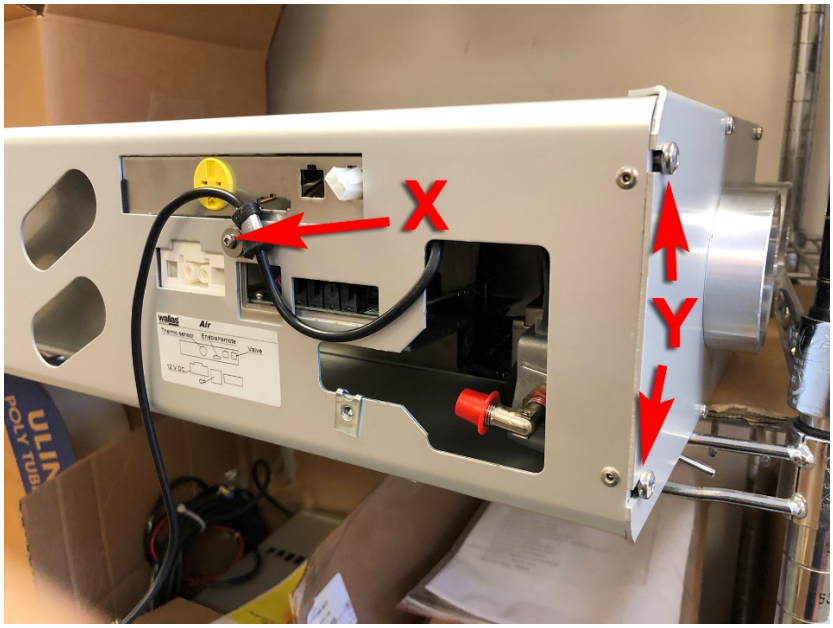
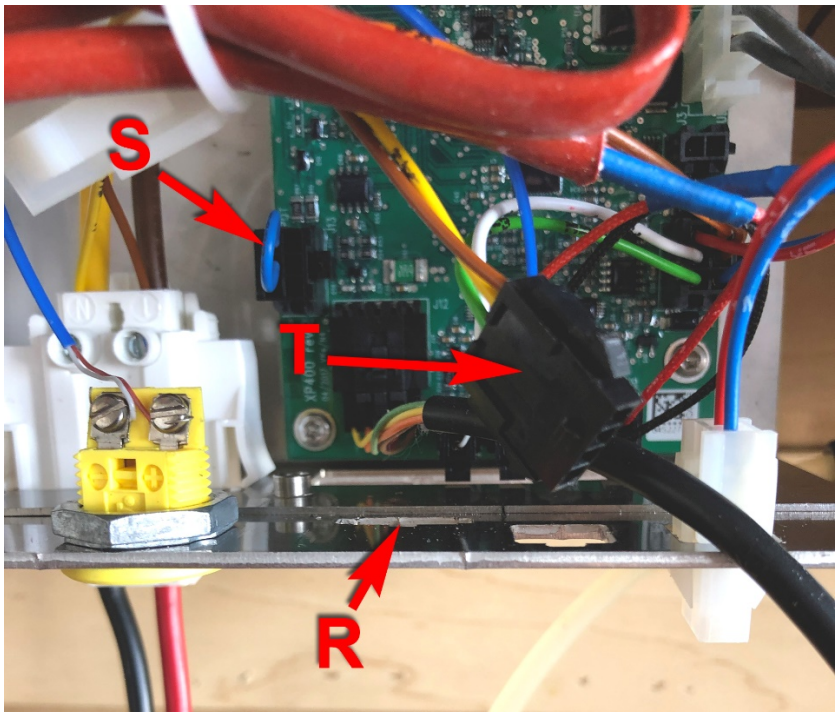
Connecting “blue wire” control for power loss sensing & shutdown.

Wallas Viking Air:

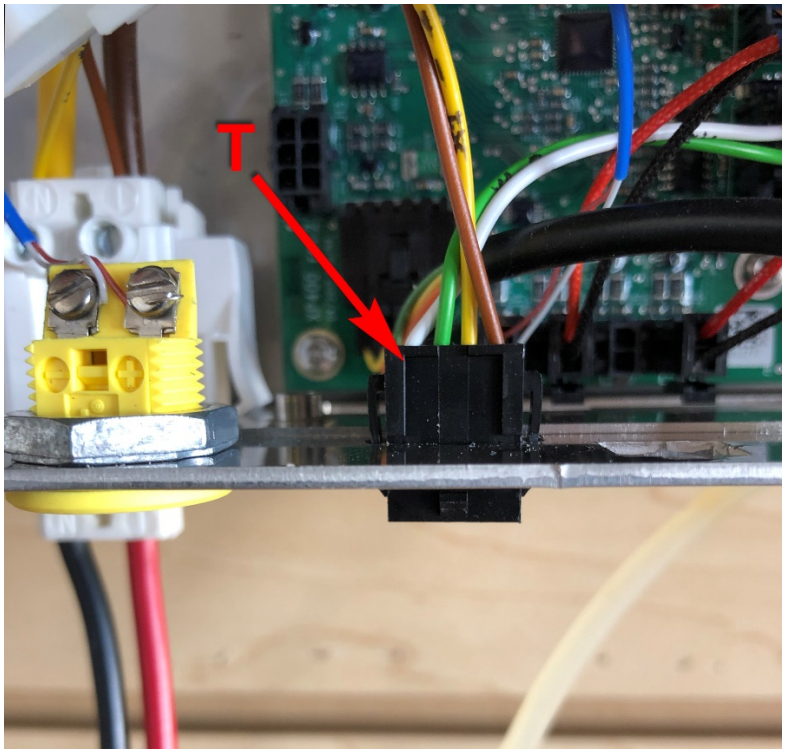
1. Disconnect power cable from heater.
2. Disconnect control panel harness from cable splice block.
3. Disconnect fuel and remove heater from bracket.
4. Place heater in a clean work environment.
5. Use Torx T10 driver to remove screw (X) holding the cable harness to the bottom of the heater box. Save screw and washers.
6. Use Torx T25 to loosen all four heater bottom end screws (Y):



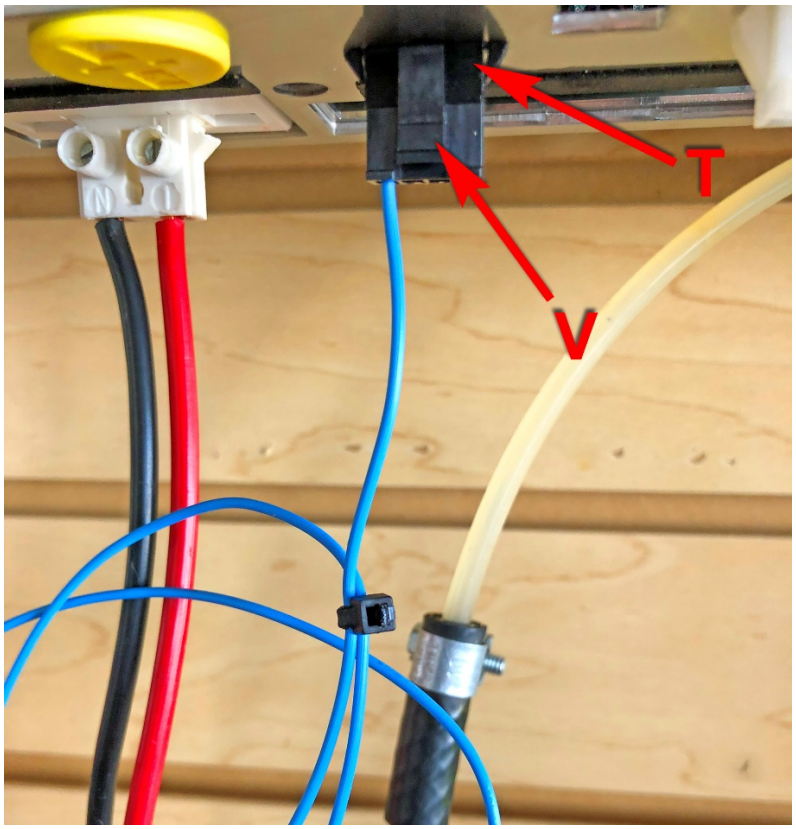
7. Slide bottom half of heater case off the chassis, exposing printed circuit board.
8. Identify the blue jumper wire plug (S), black four wire plug (T) and plug receiver (R):
9. Remove plug (S) from board and save.



10. Insert plug (T) into chassis receiver slot (R) until it latches firmly:



11. Reassemble heater bottom onto heater chassis, being careful not to pinch wires or hoses.
12. Tighten all four bottom end screws (Y).
13. Replace and tighten bottom screw (X) holding cable harness.
14. Plug blue wire harness (V) into plug (T):



Main power supply to heater should be from a 24/7 circuit (“directly to the battery”), fused in the red lead at the battery end. The blue wire should connect to the red lead coming from the controlled side of the boat’s main battery switch. If the main boat switch is opened (turned off) while the heater is running, the heater will initiate a controlled or “normal” shutdown. Re-closing the main battery switch will not re-start the heater. Re-start must be initiated by the user at the panel or via smartphone.