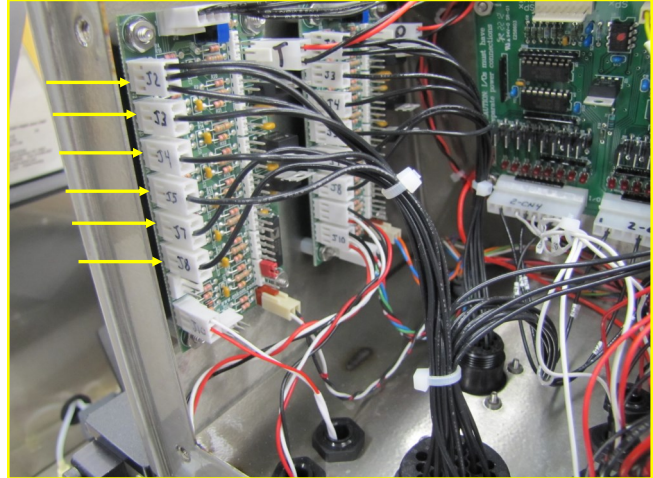
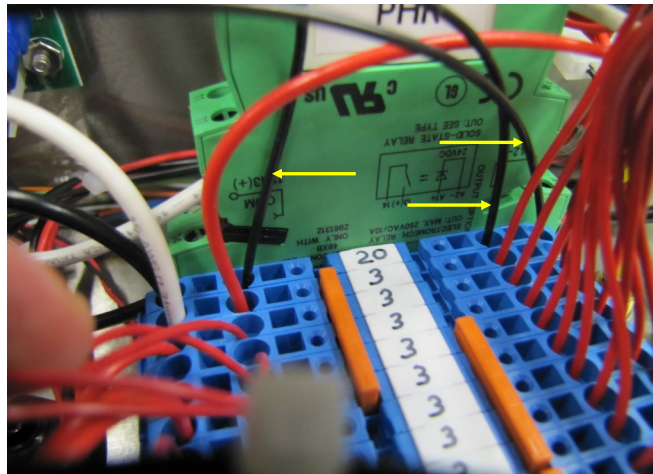


1. Turn power off to the ANKOM<sup>TDF</sup> instrument. Disconnect the following 3-pin connectors from the Analog MUX-T board (temp): J2, J3, J4, J5, J7, J8 (Yellow Arrows).



2. Disconnect the three black wires (Yellow Arrows) that are connected into sockets in the #20 terminal blocks on the 24v DIN rail. To remove the wires from the DIN rail it is necessary to insert a small screw driver into the square hole next to the hole where the wire resides and press down to release the latch on the wire. (To insert the replacement wire you will again need to press down with a screwdriver.)

**Note: These three wires have NO number label on them.**



3. Unplug the two, 10-position connectors (8308) labeled "2-CN4" and "2-CN3" (Yellow Arrows) from the circuit board labeled "I/O2". You may need to use a needle nose pliers to grasp one side and then the other to work these out of there position on the circuit board.

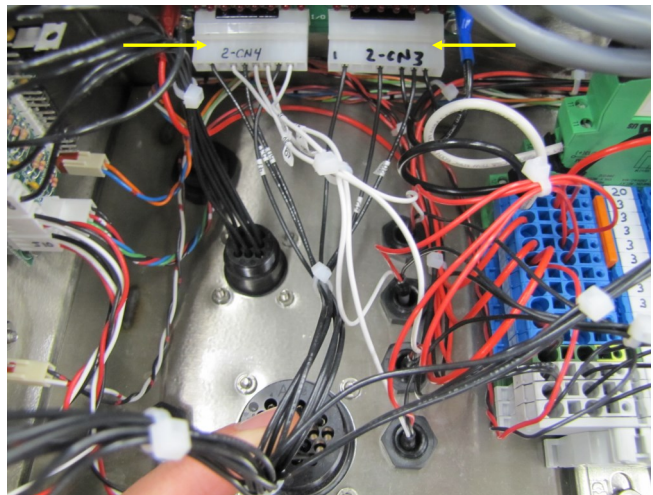
2-CN3 Wire Locations

B	45	B	B	42	B	40	39	38	B
---	----	---	---	----	---	----	----	----	---

2-CN4 Wire Locations

B	53	B	51	50	49	48	47	46	B
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B = Blank (no wire)



4. After removing the 10-position connector (labeled "2-CN4") from the board, remove the three black wires (labeled 53, 50, and 47). To do this, use a small screwdriver to depress the barb on each individual crimp terminal in order to remove each from the socket. Leave the four white wires in their respective sockets.

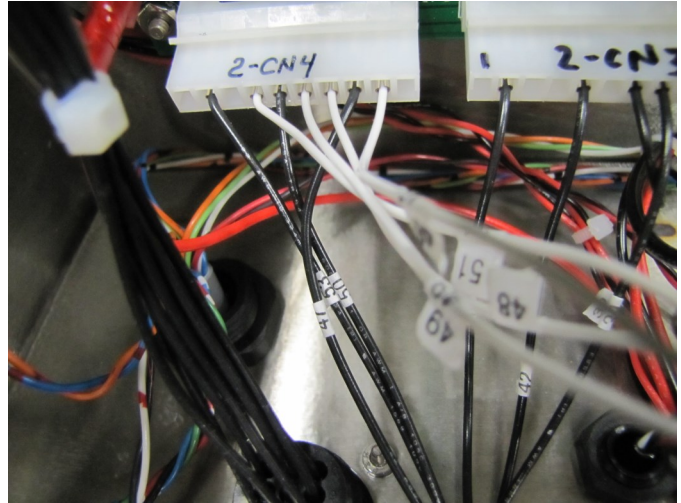
2-CN3 Wire Locations

B	45	B	B	42	B	40	39	38	B
---	----	---	---	----	---	----	----	----	---

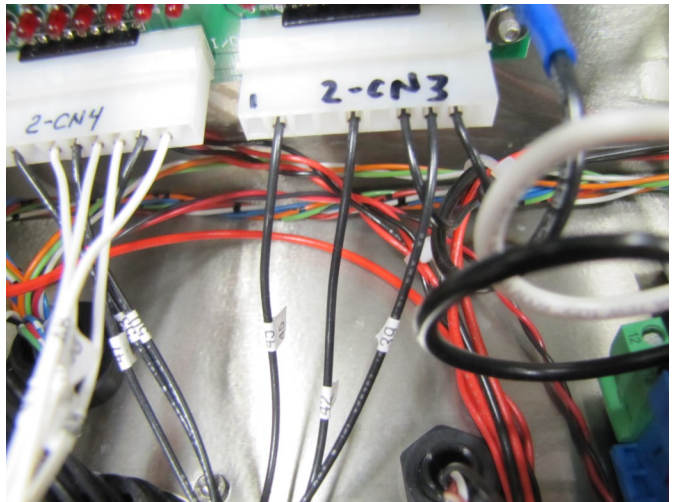
2-CN4 Wire Locations

B	53	B	51	50	49	48	47	46	B
---	----	---	----	----	----	----	----	----	---

B = Blank (no wire)



5. Do the same for the 10-position connector (labeled "2-CN3"). The wires to be removed on this connector are labeled 45, 42, and 39. Leave the other two black wires in their respective sockets.



6. Carefully clip any cable ties that may be holding wires to other wires groups. Unscrew the four screws that hold the 25-pin twist-lock connector onto the underside of the electrical enclosure. Save the rubber gasket. Install the new TDF15 Paddle Bar Wiring Harness using the rubber gasket and screws just removed. Insert all the new wires/connectors into the locations of the previous wires- refer to steps 1-5.