

The background features a dark gradient with several 3D cubes of varying sizes and orientations, some connected by thin white lines. On the right side, there is a network diagram consisting of interconnected nodes and lines, resembling a molecular or data structure.

Robo Scrub 20

Troubleshooting the E-Stop circuit

Disconnect batteries.



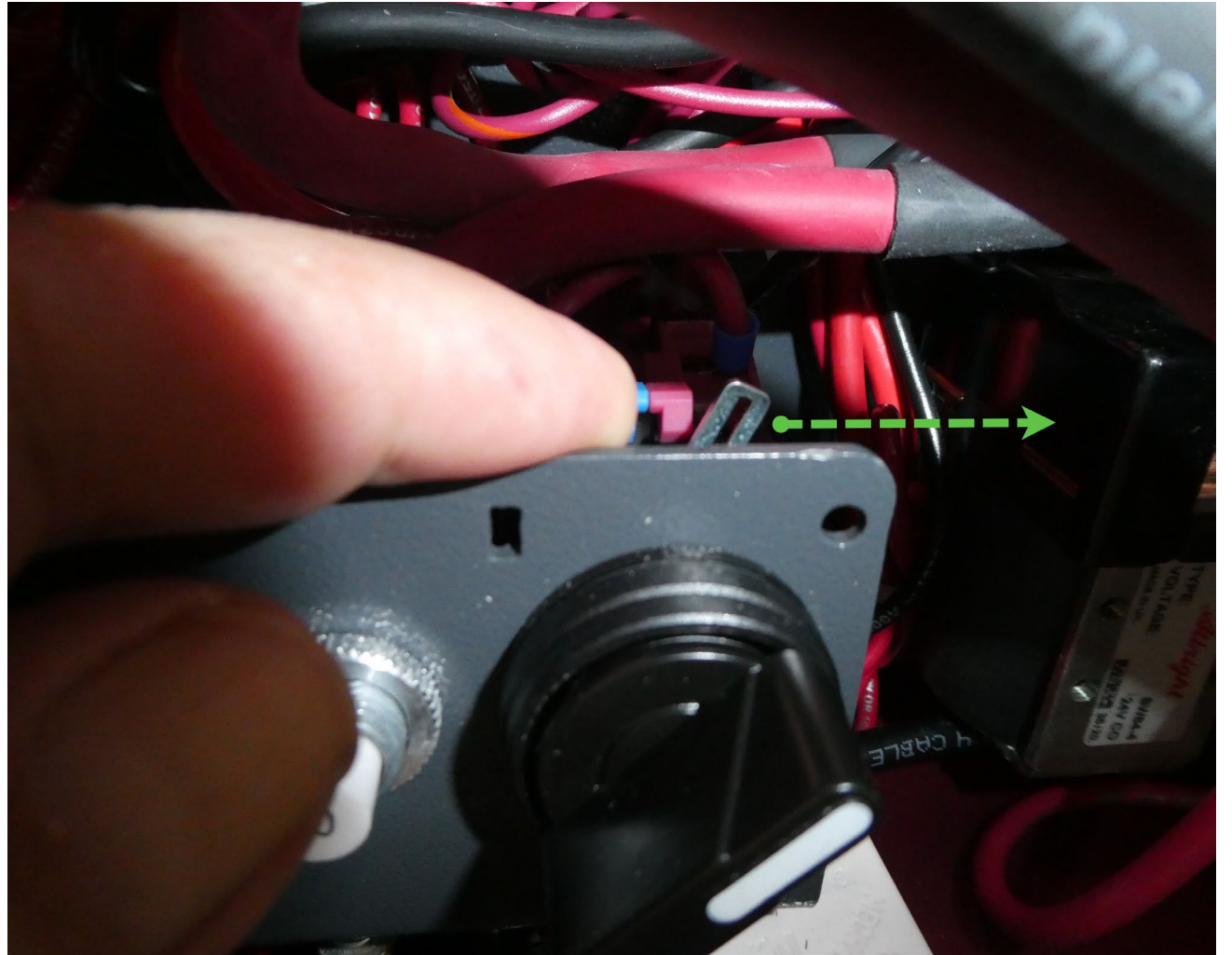
Remove and secure
back panel.



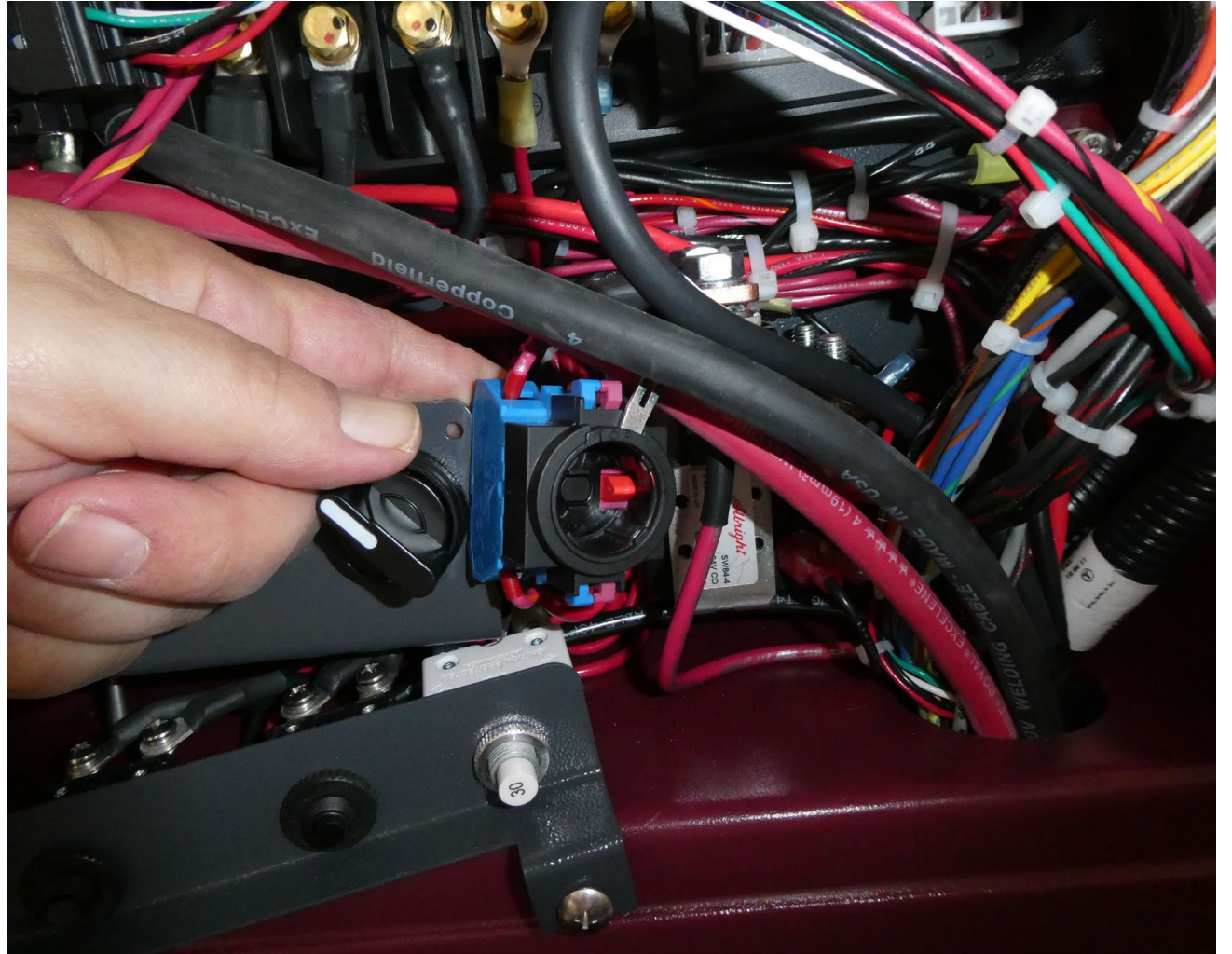
Locate and remove safety tab from Auto/Manual Selector switch.



Push lock to the right.

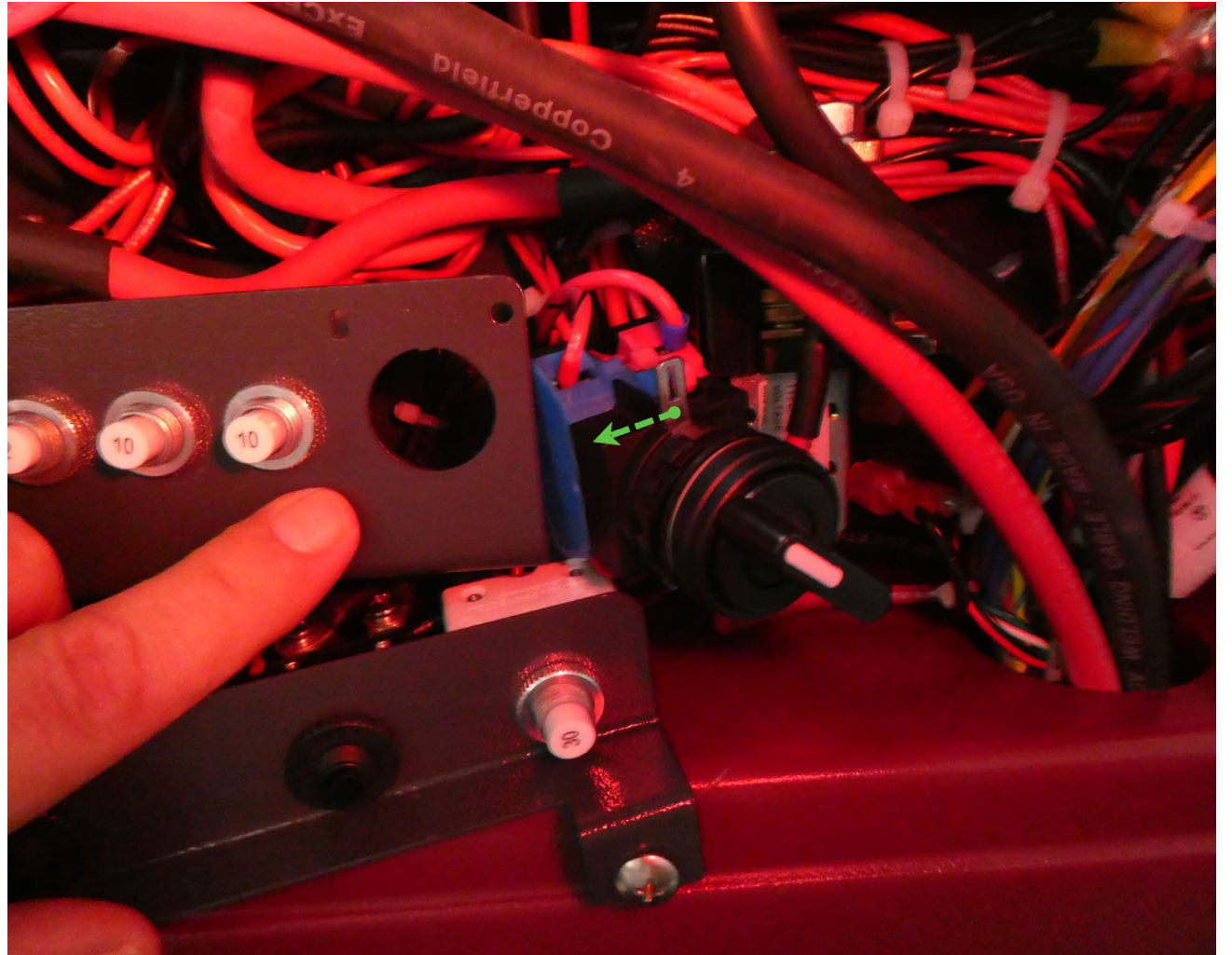


Remove the contact block and bring forward for ease of access.

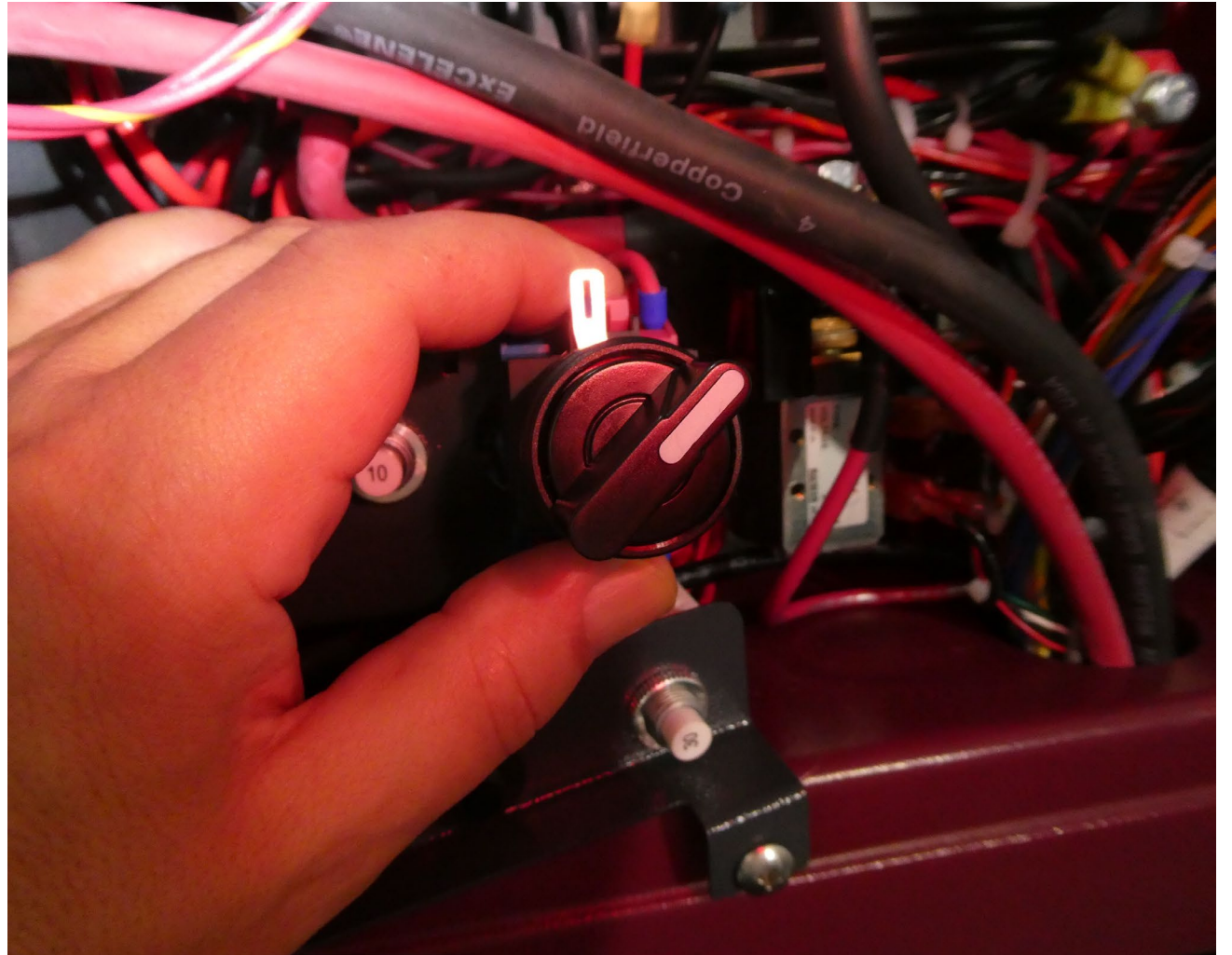


Remove selector
(knob) portion of
switch from bracket.

Install back in to contact block and push lock
back in place (to the left)



Place selector in manual mode (2 o'clock position)

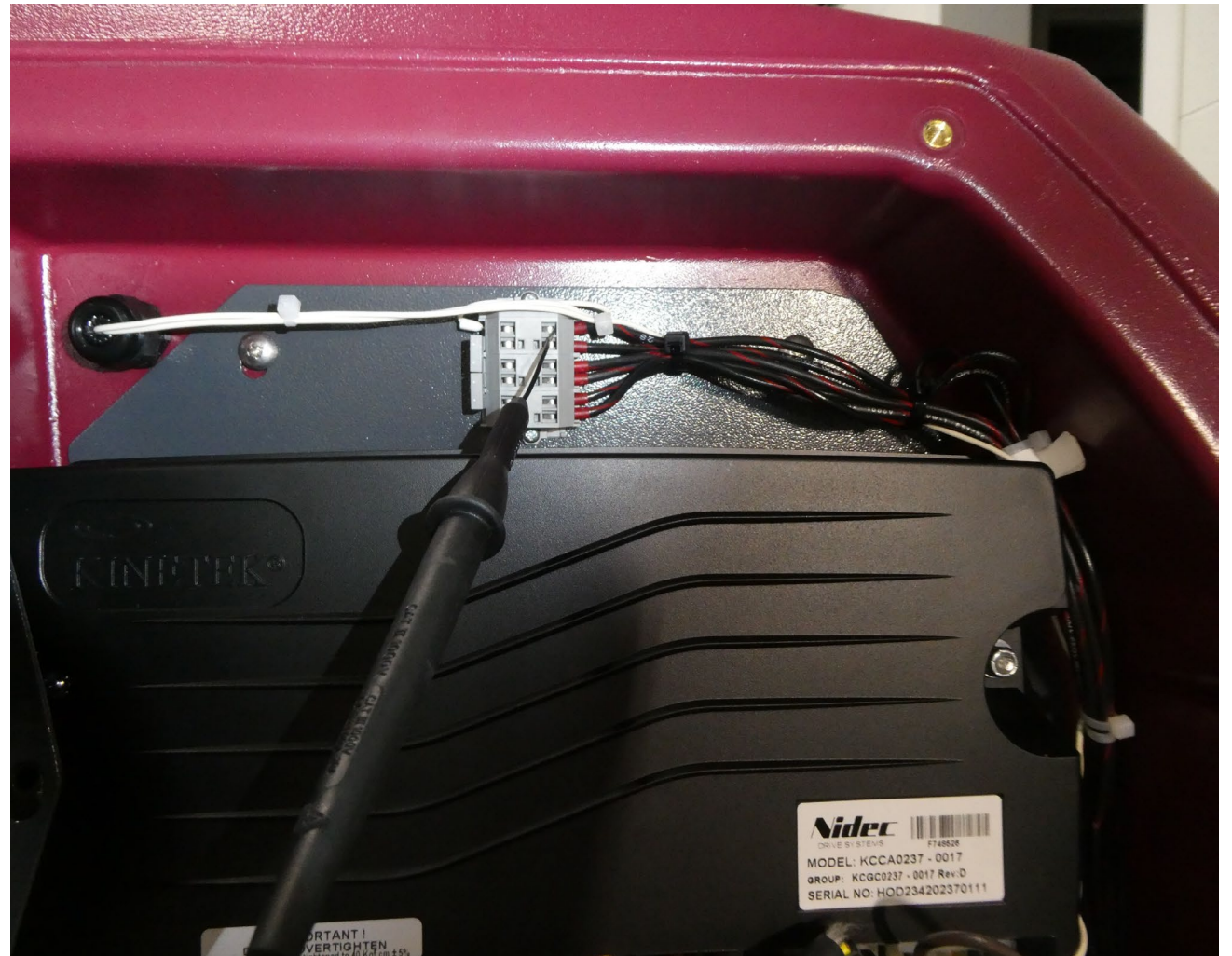


Place your 2mm probe adapters on your multi-meter leads.

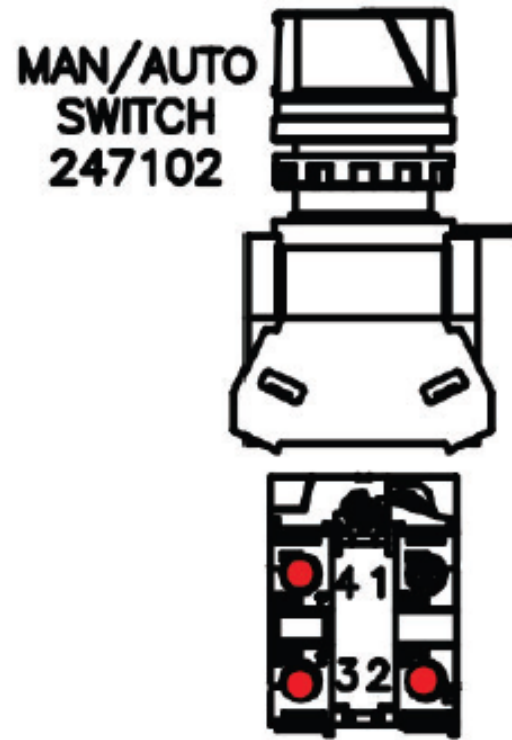


Place your black probe in the terminal block above the Kinetek controller.

Re-connect batteries and turn machine on.

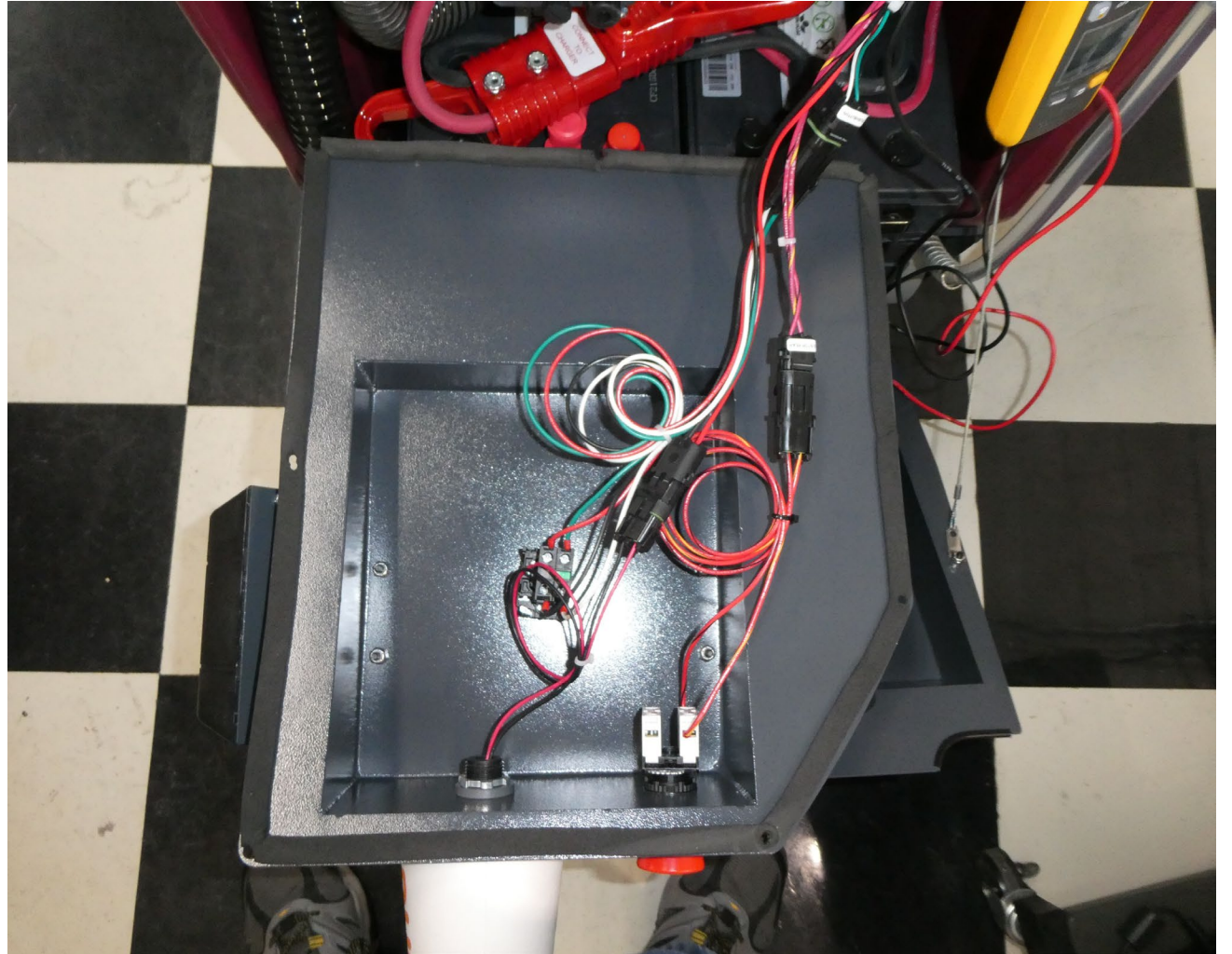


Place red probe on each of the points indicated.



**SWITCH IN
MANUAL MODE,
FACING 2
O'CLOCK
POSITION,
SHOULD READ
24VDC ON
HIGHLIGHTED
PINS.**

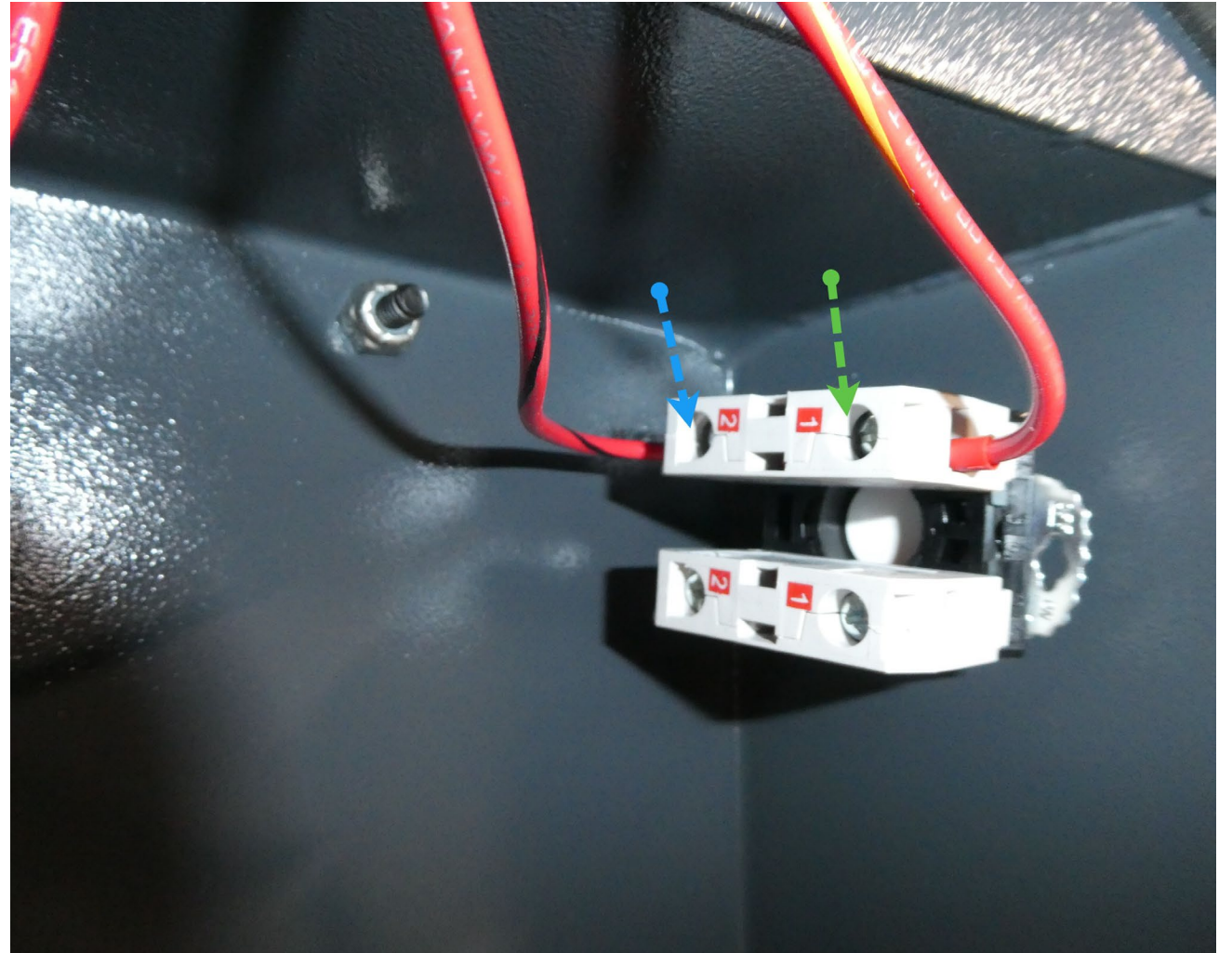
Open battery door and
lay back control panel
down on door.



Make sure E-Stop is not engaged (pushed down)

Place red probe on pin 1 (green arrow).
Should have 24VDC.

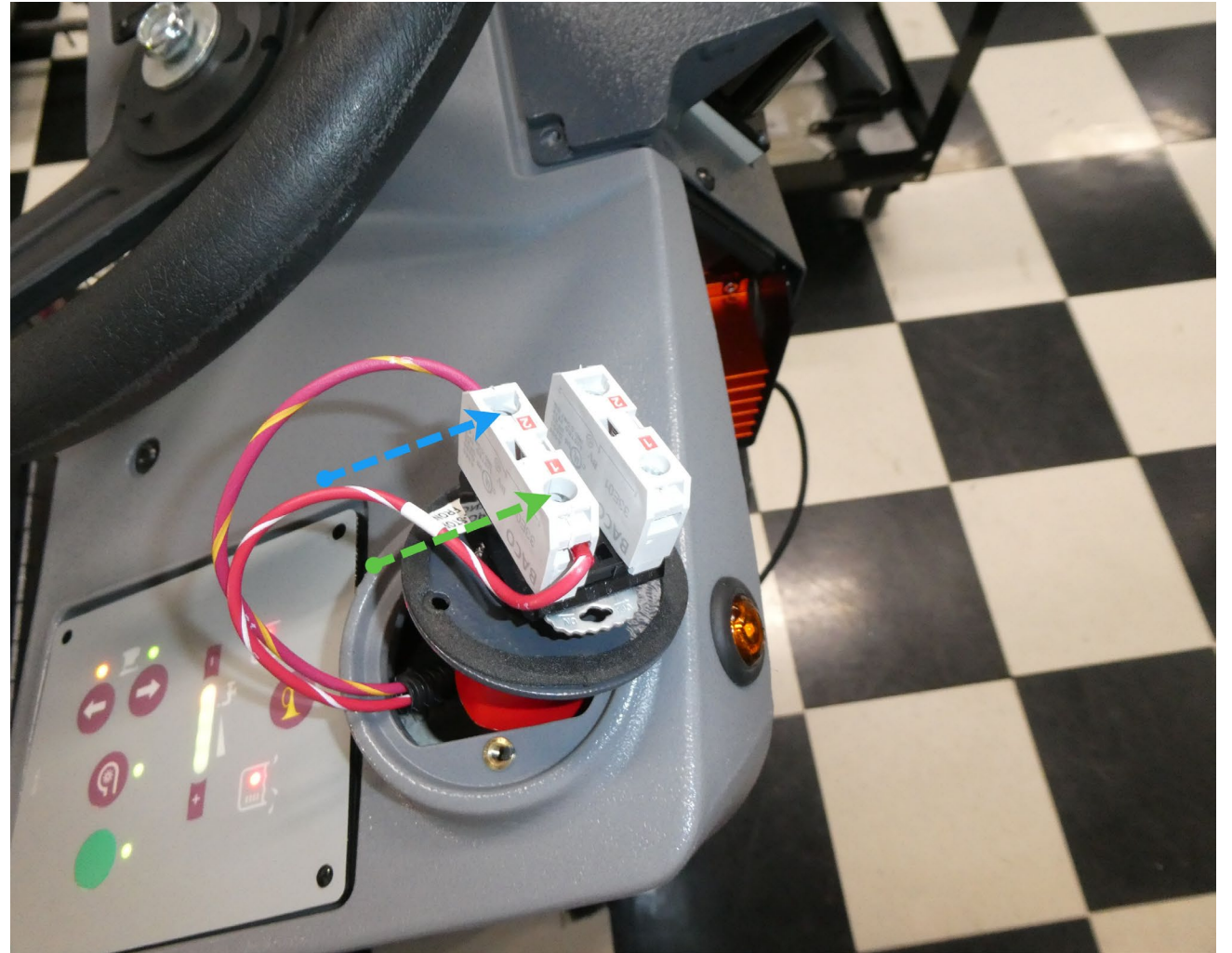
Place red probe on pin 2 (blue arrow).
Should have 24VDC.



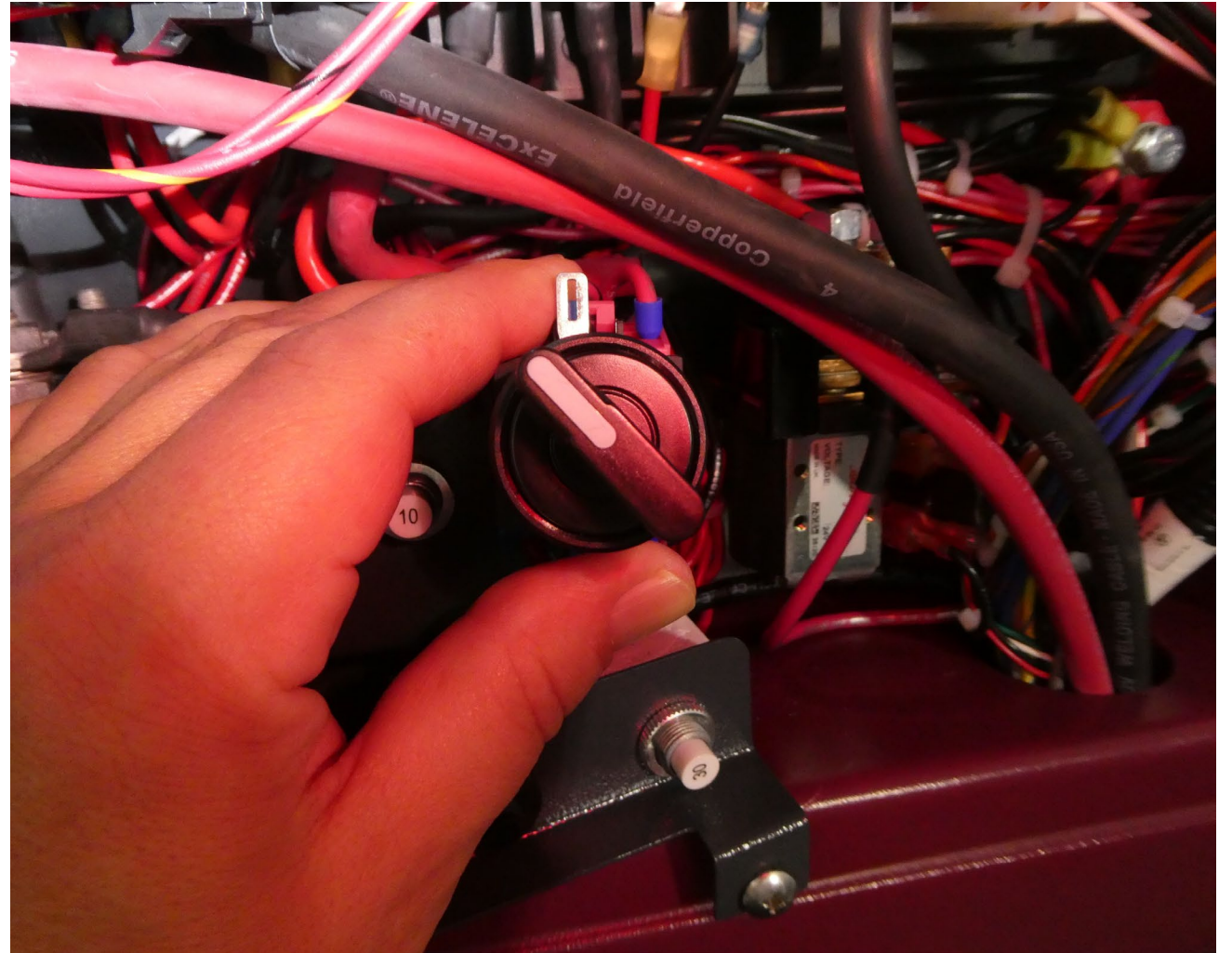
At the front of the machine remove E-Stop from tower. Make sure it is not engaged. (pushed in)

Again, place red probe on pin 1 (green arrow), then pin 2 (blue arrow).

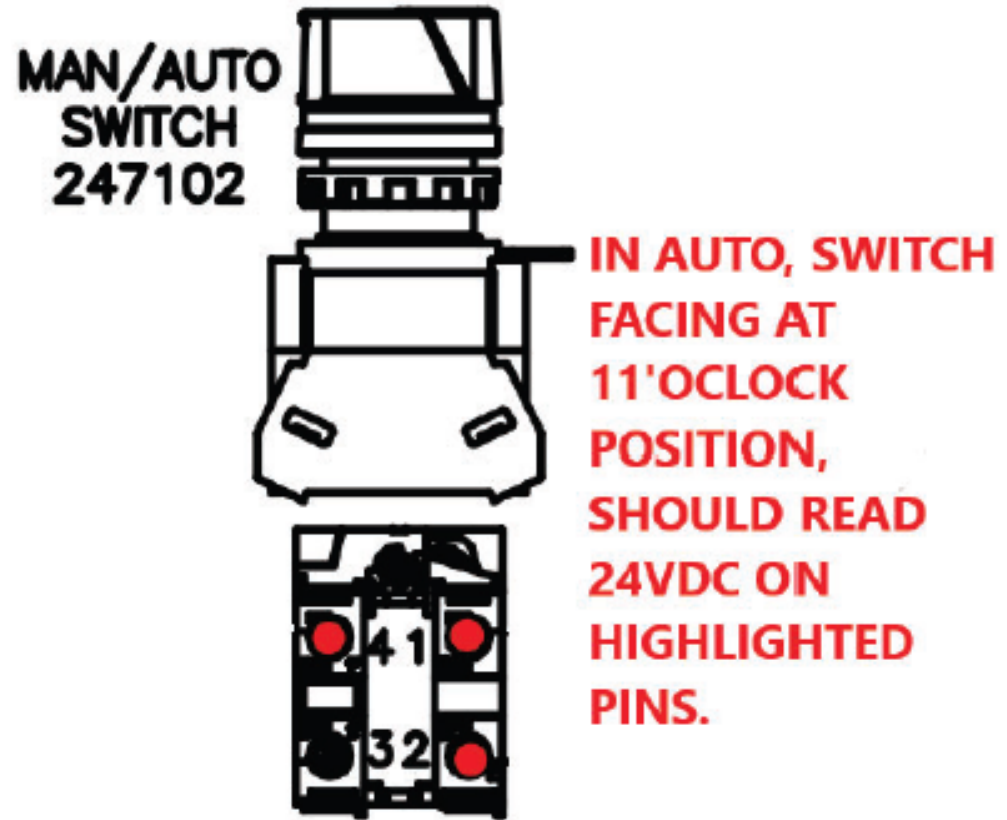
You should get 24VDC.



Place machine in auto
(11 o'clock position)

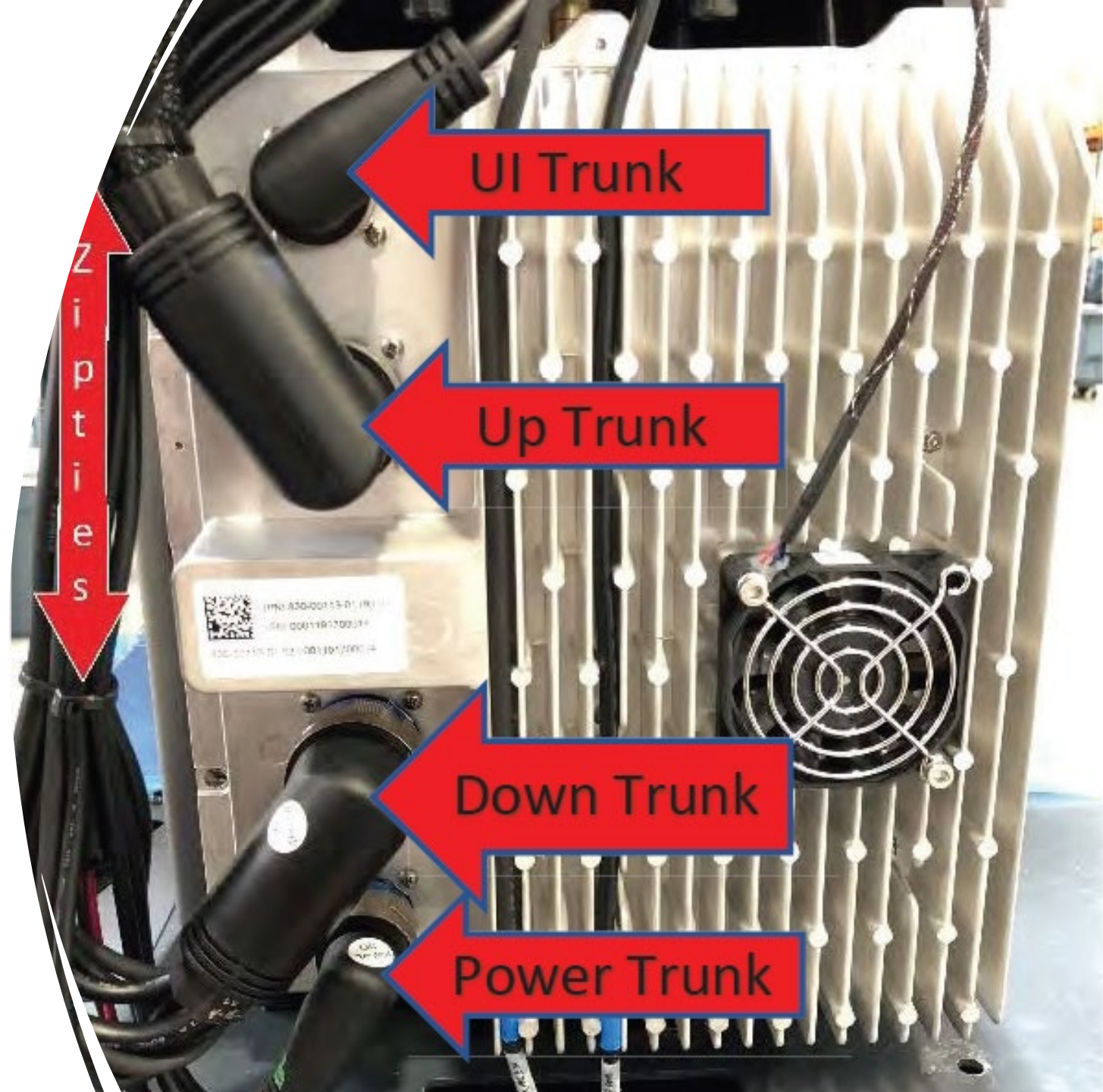


Place red probe on each of the points indicated.



With front cover off of machine.

- Locate and remove Down Trunk connection from BCM.

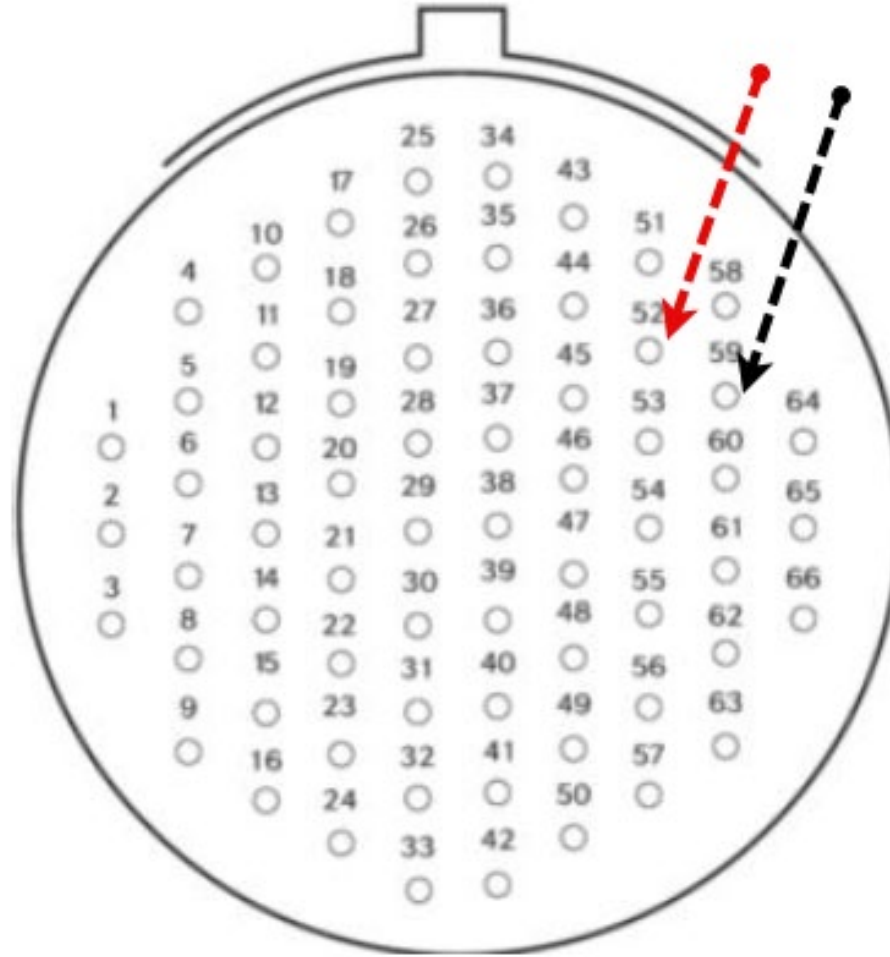


Locate pins 52 & 59

Place red probe on pin 52.

Place black probe on pin 59.

Should get 24VDC.



If all the above steps pass

You will need to contact Tech Support for further assistance.