

BLANK TOUCHSCREEN TROUBLESHOOTING

If the touchscreen does not illuminate when the scrubber is powered on complete the following:

- Key off the machine and do a hard reboot by unplugging the red battery coupling for 2 minutes.
- Inspect the circuit breaker beneath the seat. It should be flush against the mounting wall. If it is popped out, push it back in.
- Check for power coming out of the BCM using the table below:



Meter lead	Pin #	Output/pin type
RED	3	12v
BLACK	20	GND
RED	12	5v
BLACK	15	GND

If there is power coming out of the BCM – replace the touchscreen

If there is NO power coming out of the BCM - Proceed to the next page

Open the BCM access panel and check for power sequence lights. With the key off one light should remain lit.



The table below defines the function for each LED, the table is placed in the same order found on the board. The sequence shows the order they light when the key is turned on.

Ref. Des.	Color	Power on Sequence	Description and Function
D28	Red	2	Power On (PWR_ON)
D23	Green	4	P24V Ok
D32	Green	7	P15V Ok – will not ignite on 124 and higher boards
D31	Green	3	P12V Ok
D30	Green	5	P5V Ok
D29	Green	6	P3V3
D28	Green	Always on	S3V3 & S5V Ok – Always on when power applied
D27	Green	8	ComE Status Ok
D34	Green	1	Key in On State (KEY_ON)

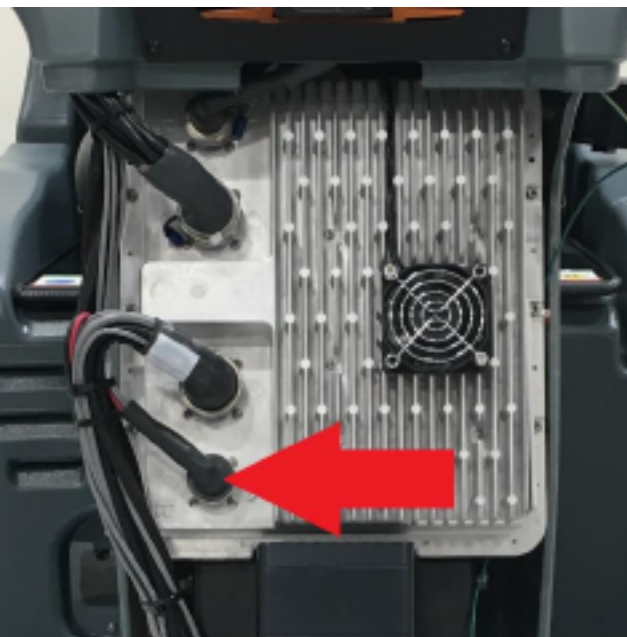
If no lights are lit, check for approximately 24v across the terminals near the Motor Amplifier Module



If less than current battery voltage is displayed, check whether a breaker in the battery compartment has been tripped.

Disconnect the batteries before disconnecting the lower connector of the BCM (power trunk)
Reconnect batteries to test for voltage. Check for voltage from the two largest holes on the power trunk harness as shown below.

Disconnect the batteries before reconnecting the power trunk harness to the BCM.



- ❖ All lights sequence complete and there is power coming from the BCM, we will need to order a replacement touch screen
- ❖ D28 Green is on but D34 never lights, you need to verify key switch operation Lights start to sequence but don't complete, most likely a new BCM is needed
- ❖ Power at terminal but not at BCM connector, we will order a power trunk

If you suspect a new BCM is needed, you need to take 3 pictures

- a. Picture of the LEDs when the key is off
- b. Picture of the LEDs when the key is on
- c. Picture of the BCM serial number located on the front