

Plug "C" Wiring Testing *Using Digital Multi-meter*

This guide will instruct you on testing ECM Power Polarity and Injector Wiring for shorts that could short circuit and burn a Cummins Celect or Celect Plus ECM. These tests do not test ALL truck wiring, or all possible wiring faults that will destroy an ECM.

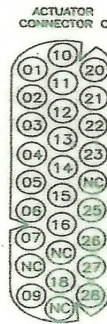
You may start this test with the battery connected.

First check C-09 to Chassis Ground to ensure good grounding.

Then check wires for continuity to ground. Continuity signifies short to ground.

Use a LARGE paper clip for pin probes.

Set multi-meter to check for Continuity
Continuity Signifies Short=repair fault
01,09
11,09
03,09
13,09
05,09
15,09
10,09
02,09
12,09
04,09
14,09
06,09
22*,09
21*,09
*22, and 21 are battery Positive (+)
Check these with (+) ECM battery cable removed
Set multi-meter to check for Voltage
Connect battery with proper polarity
22 to Positive Probe on Meter
Negative Meter probe to (-) battery post
Meter should show pin 22 to be positive



Celect Plus diagram on left, **Celect** on right.
Feel free to call with any questions.

DSO Industrial, LLC
Phone: 320-275-9760
Fax: 320-288-7211
www.dsoindustrial.com