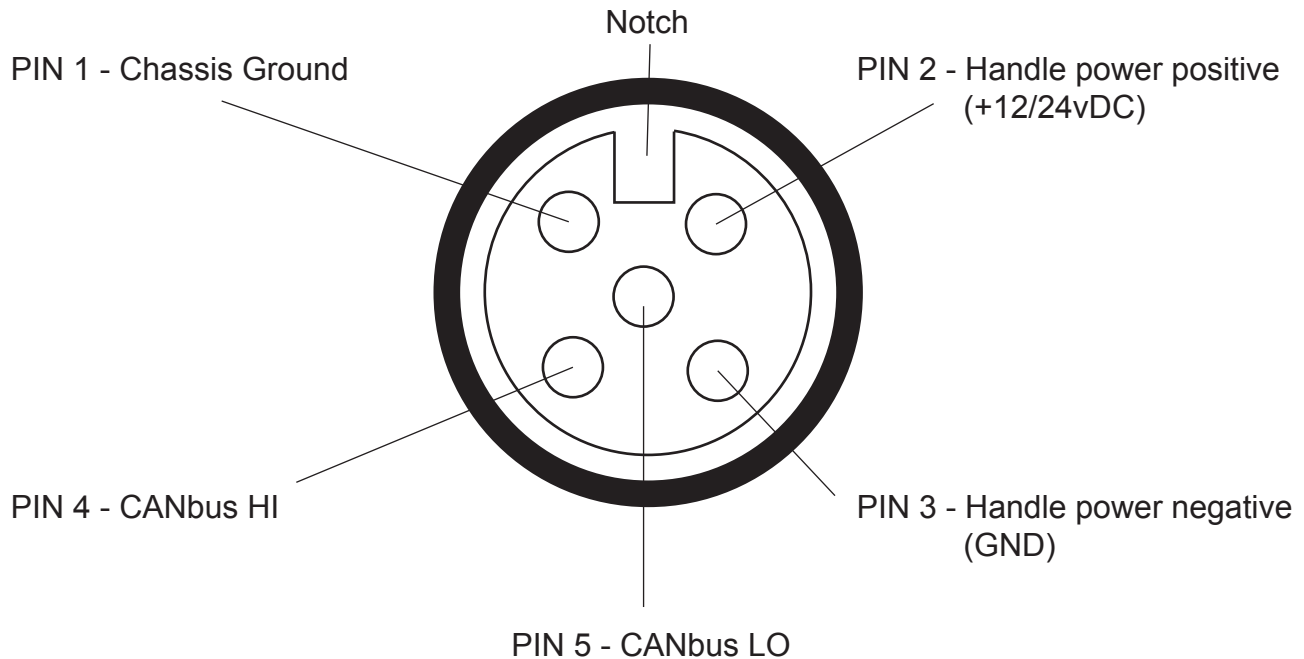


# CANbus STATION CABLE TEST PROCEDURE



## BEFORE STARTING TEST PROCEDURE:

- use two (2) .039" diameter test pin / #20 AWG solid wire
- **turn controls OFF**
- disconnect station cable at Control Head end

STEP	ACTION	RESULT
<b>1</b>	<ul style="list-style-type: none"> <li>• Insert test pin into Pin #1 and Pin #4 and check continuity between pins #1 and #4.</li> <li>• Remove test pin from Pin #4 and insert into Pin #5 and check continuity between pins #1 and #5.</li> </ul>	There should be NO CONTINUITY across these pins.
<b>2</b>	<ul style="list-style-type: none"> <li>• Insert test pin into Pin #2 and Pin #4 and check continuity between pins #2 and #4.</li> <li>• Remove test pin from Pin #4 and insert into Pin #5 and check continuity between pins #2 and #5.</li> </ul>	There should be NO CONTINUITY across these pins.
<b>3</b>	<ul style="list-style-type: none"> <li>• Insert test pin into Pin #3 and Pin #4 and check continuity between pins #3 and #4.</li> <li>• Remove test pin from Pin #4 and insert into Pin #5 and check continuity between pins #3 and #5.</li> </ul>	There should be NO CONTINUITY across these pins.
<b>4</b>	<ul style="list-style-type: none"> <li>• Insert test pin into Pins #4 and #5. Set up meter to read Ohms/resistance. Meter leads should go across Pins #4 and #5.</li> </ul>	Meter should read 60 or 120 Ohms.
<b>5</b>	<ul style="list-style-type: none"> <li>• <b>Turn power ON</b> and insert test pins into Pin#2 and #3 (<b>ensure pins DO NOT touch, if they do the CANbus 3amp fuse will blow</b>). Set up meter to read DC volts and check for battery power between Pins #2 and #3.</li> </ul>	Meter should read 12 or 24 volts.

If the cable passes the above tests, wiggle the cable at both ends of the CANbus line and repeat procedure.  
If any of the steps above DO NOT PASS - cable is defective and needs to be replaced.

