



DEXTER[®]
LAUNDRY

O-Series CAN Circuit Testing Dryer

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Dexter symbol or boot-loading screen is shown continuously after power-up

If the Dexter symbol or boot-loading screen is shown continuously after power-up or resetting the CCB, there is likely a short/open CAN bus.

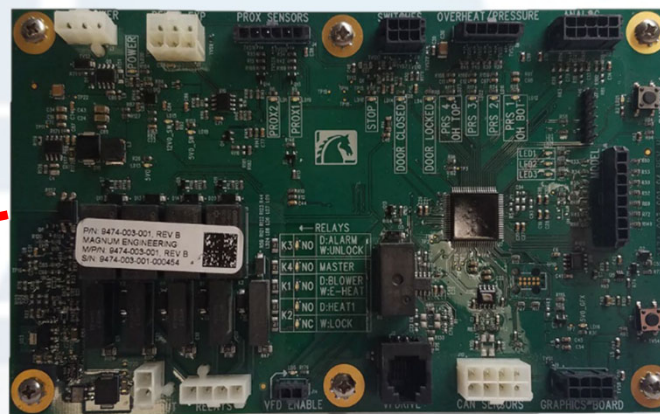
The CAN on the 2.0 washers and dryers is very simple. Washers have 2 nodes and dryers have 3 nodes

Washers: Graphics/Display Assembly + Control Board

Dryers: Graphics/Display Assembly + Control Board + RMC Stationary Board



Graphics/Display Assembly



Control Board



RMC Stationary
Board



CAN Communication Ohm Testing

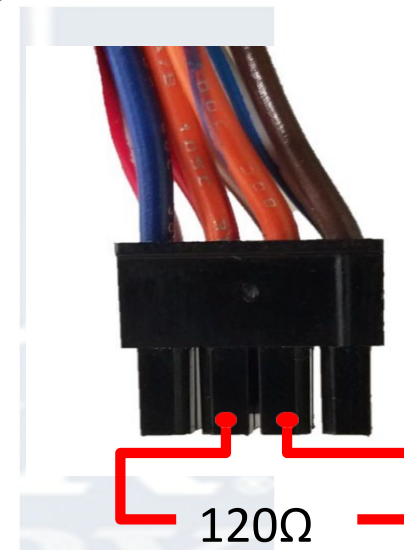
It can be one of three things. The Display board, Control board, or the Harness between.

This is a power off test.

Ohm testing Harness and Graphics board.

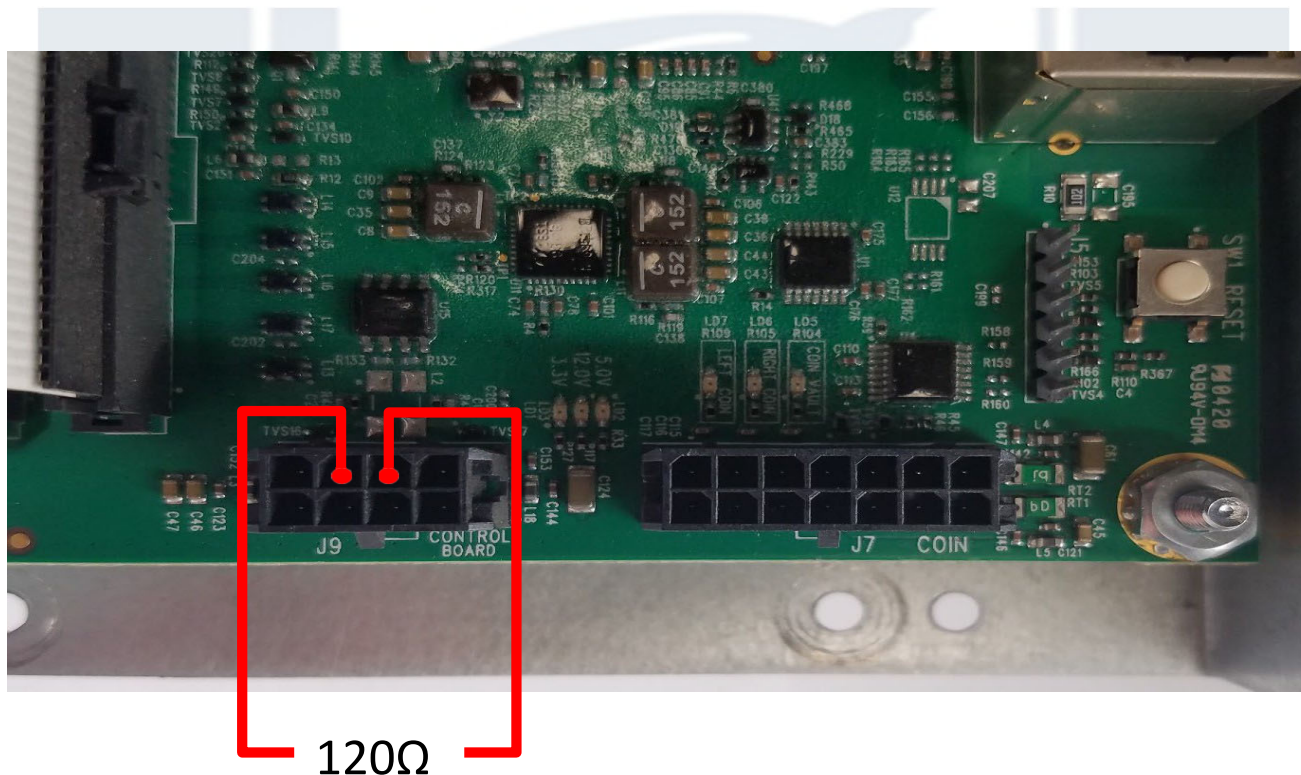
Unplug the GRAPHICS BOARD harness from the Control Board and checking for 120 ohms of resistance between the **orange-red and orange-blue wires**.

The Harness must only be plugged into the Graphics Board when checking this resistance. This is testing the Harness plus the Graphics board. If it fails the Ohm test you will need to test at the graphics board plug to verify if is the harness or graphics board issue.



Ohm testing Graphics board

- The CAN system can also be checked for short/open circuits by unplugging the CONTROL BOARD harness from the Graphics/Display Assembly and checking for 120 ohms of resistance between the pins 2 and 3 on the Graphics/Display Board terminal.

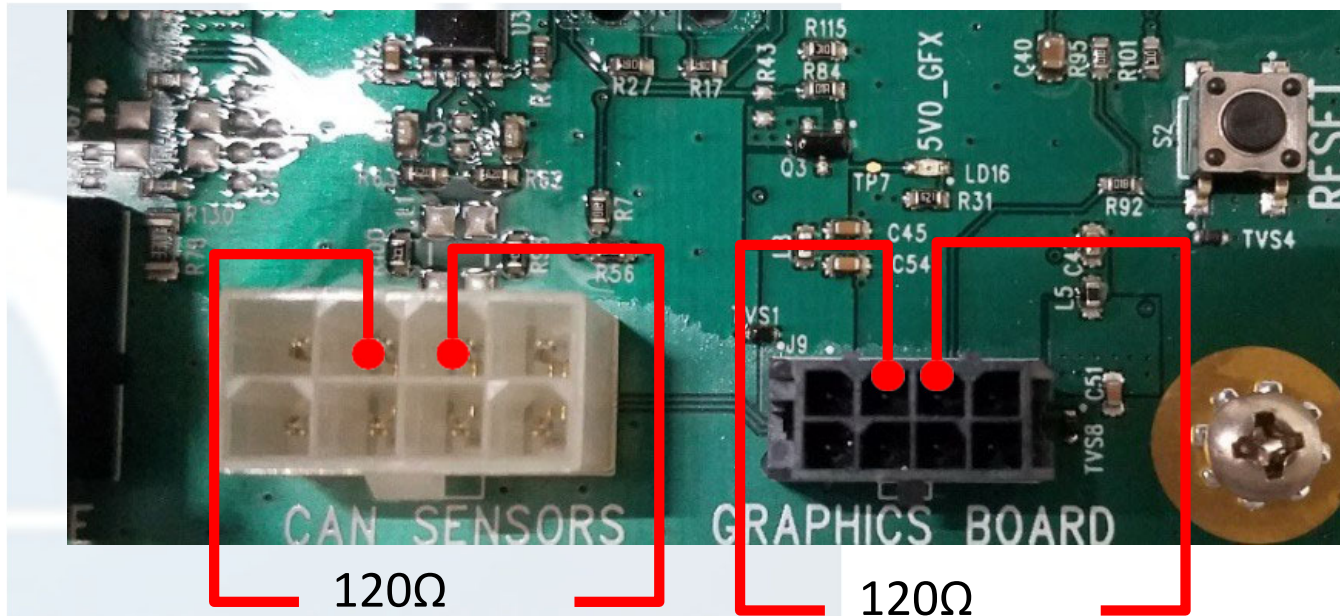




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Ohm testing Control board CAN Circuit Washers/Dryer

The CAN system can also be checked for short/open circuits by unplugging the GRAPHICS BOARD harness from the Control Board and checking for 120 ohms of resistance between the pins 2 and 3 on the CAN SENSORS terminal or pins 2 and 3 on the GRAPHICS BOARD terminal if the CAN SENSORS harness is unplugged.



With CAN SENSORS unplugged

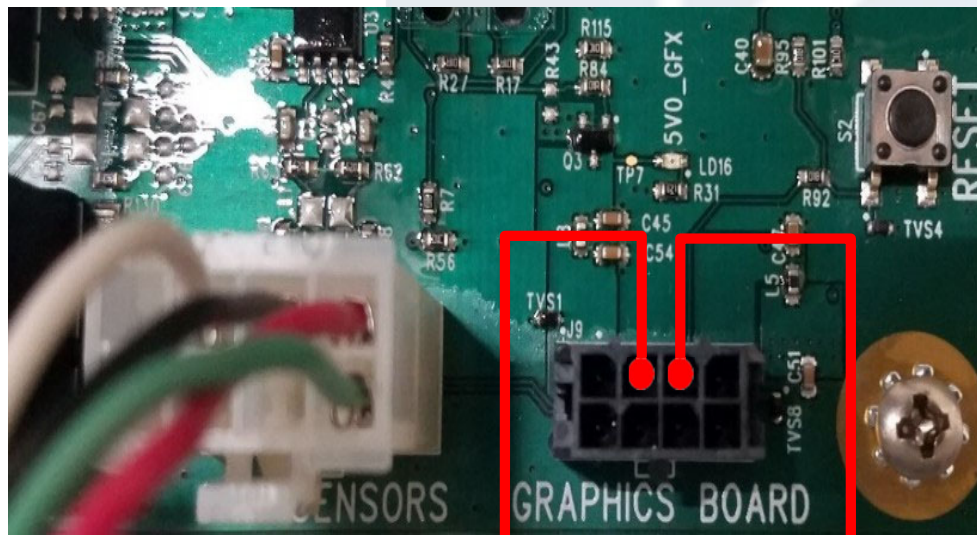




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Ohm testing Control board CAN Circuit Dryer only

The CAN system can also be checked for short/open circuits by unplugging the GRAPHICS BOARD harness from the Control Board and checking for 60 ohms of resistance between the pins 2 and 3 on the GRAPHICS BOARD terminal if the CAN SENSORS harness is plugged in.



60Ω

With CAN SENSORS plugged in

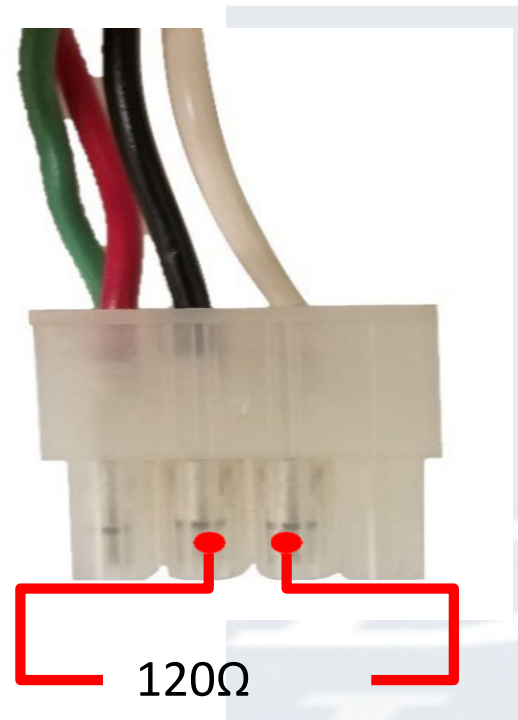




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Dryer RMC CAN Ohm Test Stationary Board and Harness

Unplug the CAN SENSORS harness from the Control Board and checking for 120 ohms of resistance between the **white and black wires**. Leave the harness plugged into the RMC Stationary Board when checking this resistance. If the CAN SENSORS harness or RMC Stationary Board seems suspect of failure, leave the harness unplugged and try running a timed dry cycle. There will be an AutoDry Communication Error 1 displayed on the screen, but the dryer should still function.





Dryer RMC CAN Ohm Test Stationary Board

Unplug the CAN SENSORS harness from the RMC Stationary Board and checking for 120 ohms of resistance between where the white and black wires plug into the board.





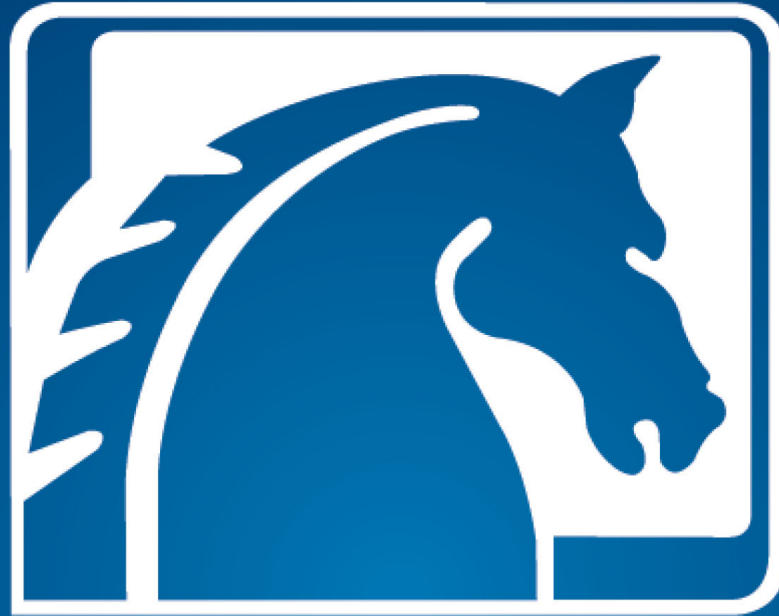
Dryer RMC CAN Ohm Test Stationary Board

Unplug the CAN SENSORS harness from the Control Board and checking for 120 ohms of resistance between the **white and black wires**. Leave the harness plugged into the RMC Stationary Board when checking this resistance. If the CAN SENSORS harness or RMC Stationary Board seems suspect of failure, leave the harness unplugged and try running a timed dry cycle. There will be an AutoDry Communication Error 1 displayed on the screen, but the dryer should still function.





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