

Situation 7 Left Brake Fault: FIVE flashes of status LED

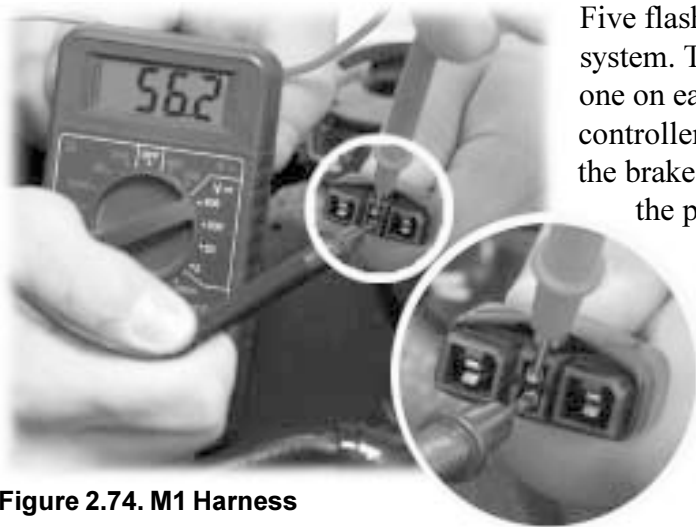


Figure 2.74. M1 Harness

Five flashes indicates a possible problem with the power chair braking system. The power chair is set up with two individual brake assemblies, one on each motor. When the joystick is pushed in any direction, the controller sends total battery voltage to each brake coil. To determine if the brake assembly is operating properly, unplug the M1 harness from the power module. See Appendix H.

Turn the meter to a resistance scale and take a reading from brake positive to brake negative (two small center pins) of the M1 harness. See figure 2.74. A reading of approximately 60 ohms should appear.

The meter reads _____ ohms.



If the reading appears to be within tolerance, replace the power module. If the reading is outside tolerance, move to the motor connector.

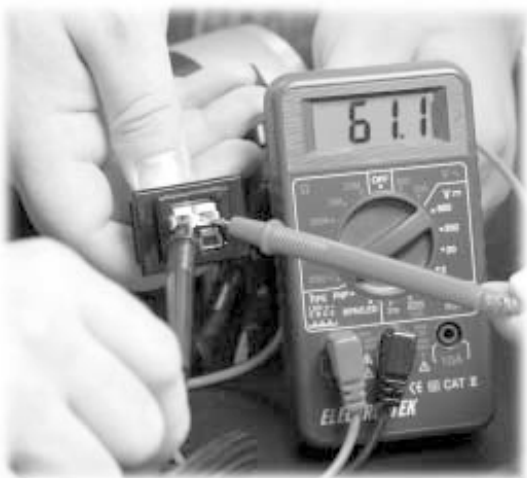


Figure 2.75. Motor Connector

Take a reading from the 4-pin motor connector. Unplug the connector from the M1 harness and take a reading from the thin gauge black wires that run to the brake coil. See figure 2.75.



Some chairs have white connectors attached to these wires.

A reading of approximately 60 ohms should appear.

The meter reads _____ ohms.



If the reading is outside tolerance, replace the motor brake assembly. If the reading is within tolerance, replace the M1 harness.

Notes: