

Flash Code #10 - CANH Fault

Symptom:

The System Status LED flashes ten times and pauses. This sequence is repeated until the fault is cleared.

Diagnosis:

There is an invalid voltage reading on the communications high wire (pin 1) on the DX bus cable (2).

Solution:

1. Unplug connector 2b from connector 3a and unplug connector 2a from connector 1b. **See diagram 2.**
2. Measure resistance across pin 1 on connector 2b and pin 1, pin 2, pin 3, and pin 4 on connector 2a. **See figure 47.**
 - If your multimeter indicates less than 1 ohm on more than one measurement, then replace the DX bus cable (2).
 - If your multimeter indicates more than 1 ohm on any of the measurements, then replace the DX bus cable (2).
 - If your multimeter indicates less than 1 ohm on one and only one measurement, then replace the joystick module (1) and retest the system.

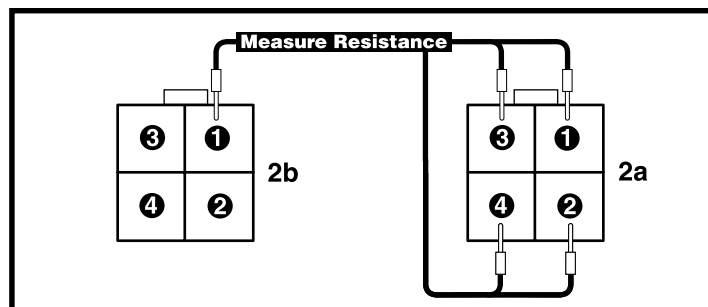


Figure 47. Connectors 2b and 2a

Flash Code #11 - Stall Timeout Fault

Symptom:

Status LED flashes eleven times and pauses. This sequence is repeated until the fault is cleared.

Diagnosis:

There is a stall timeout fault. A stall timeout fault is an indication that the motors are demanding too much current from the controller for too long of a period of time. This may be caused by motors that are not able to turn.

Solution:

1. Turn off the joystick module, then turn it back on and try to operate the power chair.
 - If the power chair will not move and this fault occurs again, then make sure that the motors are not physically obstructed.
 - If the motors are not physically obstructed, then replace the power module (4) and retest the system.

Flash Code #12 - Module Mismatch

Symptoms:

The System Status LED flashes twelve times and pauses. This sequence is repeated until the fault is cleared.

Diagnosis:

The joystick module (1) programming does not match the accessories of the chair. The power chair may have a power elevating seat and the joystick module is not programmed to control it.

Solution:

Check the programming. Make sure that the joystick module (1) was programmed for a power seat, power tilt, or lighting system (if the power chair is equipped with these accessories.) If necessary, reprogram the joystick module (1) and retest the system.

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Diagram 2. Jazzy 1121 Europa Wiring Diagram - 3D