

## Situation 2

### Power chair turns on, but will not drive.

“The power chair turns on but will not move” means that when you press the power button on the joystick the LEDs light up, but when the joystick is depressed in any direction nothing happens. This is the only other system fault that will not be interpreted by the power chair electronics. The power chair is set up with a “Low Enable, No Drive Away” feature that will keep it from running while plugged into a wall outlet.

Because of this feature, a power chair will only operate while the center charger line is connected to the most negative battery terminal. To identify where the error is, find the “open” in the charger inhibit line. This is the line that comes off the center pin of the 3-pin charger harness.

Test the inhibit on the charger for continuity. On a power chair with Remote Plus Electronics, this is from the center pin of the 3-pin connector under the rear utility tray to the black 3-pin amp connector that plugs into the charger. See figure 2.41.

A reading of less than one ohm should appear.



Figure 2.41 Charger Harness

The meter reads \_\_\_\_\_ ohms.



**If the reading is outside tolerance, replace the charger harness. If the reading is within tolerance, proceed to the next step.**

Test the fuse for continuity. The fuse should read less than one ohm of resistance. See figure 2.42.

The meter reads \_\_\_\_\_ ohms.



**If the fuse is bad, replace it. If the fuse is good, you may have a problem with the inhibit circuit of the charger or controller.**



Figure 2.42. Charger Fuse Test



**Unplug the larger white 3-pin connector of the charger from the charger harness. From the black 3-pin connector of the charger harness, jumper between the center pin and the outside negative pin. If the chair runs, replace the charger.**