The GateWay/Connect interface relies on a 12volt power source that is provided in the factory radio’s satellite radio output connector in Lexus/Toyota applications. In some instances it is possible that the radio is not providing ample current to allow for proper operation of the iSimple device. In some cases it causes the Gateway/Connect to be inoperable and in other cases, certain operations of the Gateway/Connect will not operate correctly. To correct the issue, it is necessary to cut a wire in the PGHTY1 harness and run that wire to a different wire on the radio harness.

To modify the PGHTY1 harness, locate the yellow wire at the 12 pin connector that connects into the back of the radio. Looking at the wire side of the 12 pin connector with the wires coming out towards you, it will be located on the bottom left of the harness (pin 12). Cut this wire within a few inches of the radio connector and tape off the side that leads back to the radio (this side will no longer be used). The remaining side of the wire will need to connect to a wire that provides battery 12 volts to the radio (or to the cigarette lighter power lead if it retains power with the key off).

Depending on the vehicle, the radio will have one of the two types of harnesses at the radio to use for the battery 12 volt connection.

**Example 1:**
For this example, the battery 12 volt wire is in pin 1. Verify with a multimeter that the connection reads 12 volts with or without the ignition on.

**Example 2:**
For this example, there are two harnesses that make the primary radio harness. The battery 12 volt wire is in pin 4 of the 10 pin connector. Verify with a multimeter that the connection reads 12 volts with or without the ignition on.