



T.I.P. Troubleshooting Information on Power Gear

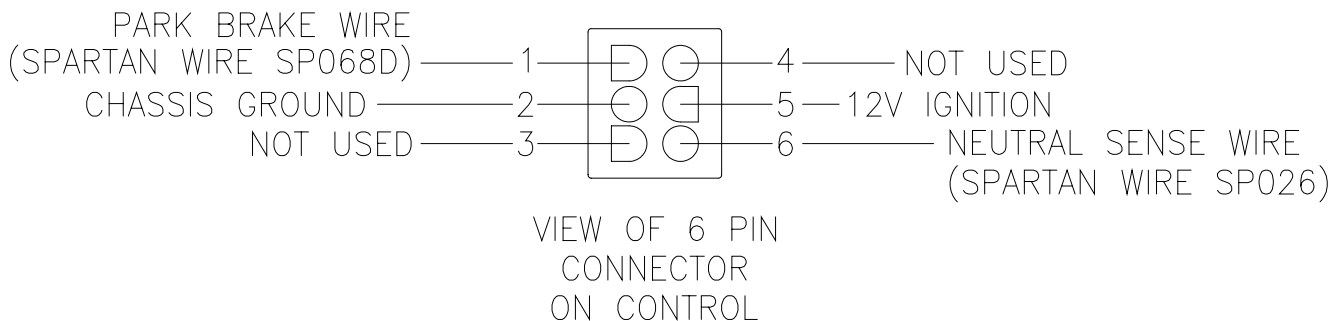
SPARTAN CHASSIS HOOKUP OF POWER GEAR LEVELING CONTROL 500630

The location of the Spartan wires referenced below will vary depending on the harnesses supplied to the OEM by Spartan. However, the wire numbers are the same. You will need 2 specific Spartan wires. The first one is a neutral sensing wire and it is Spartan wire # SP026. This wire gives a ground signal when in neutral. The other wire is the park brake wire and it is Spartan wire # SP068D. This wire gives a ground signal when the park brake is set. You will also need a +12V ignition source and a chassis ground.

Connect the neutral wire SP026 directly to Pin 6 of the 6 Pin connector of the Power Gear control. Next, connect the park brake wire SP068D directly to Pin 1 of the 6 Pin connector of the Power Gear control. Connect a wire from a clean chassis ground directly to Pin 2 of the 6 Pin connector of the Power Gear control. Lastly, connect +12V Ignition directly to Pin 5 of the 6 Pin connector of the Power Gear control.

If a Power Gear supplied harness is used, see the chart below for wire colors & Pin connections.

Power Gear control Pin Connection #	Power Gear harness wire color
1	White/Blue
2	White/Orange
5	White/Red
6	White/Green



Wire up the Power Gear control as shown in the schematic above. Test the control by extending the jacks and releasing the park brake. Also extend the jacks and put the coach into gear. The alarm should sound and the jacks should automatically retract in each case.



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