

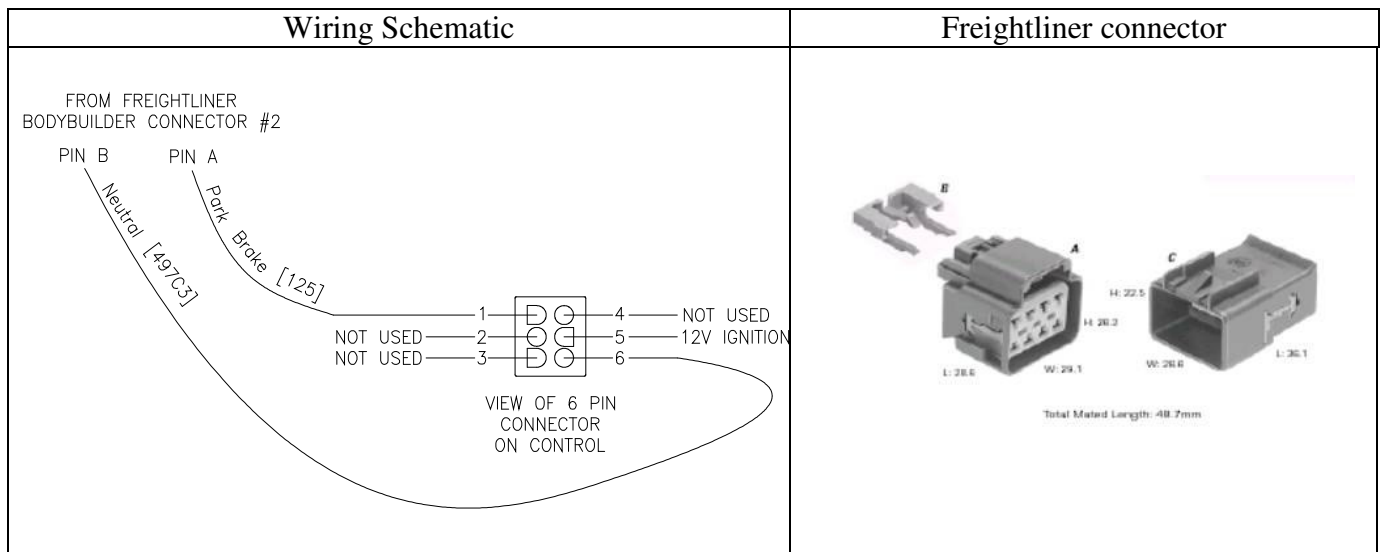


T.I.P. Troubleshooting Information on Power Gear

FREIGHTLINER 2006 DIESEL CHASSIS WITH GEN4 TRANSMISSION HOOKUP OF POWER GEAR CONTROLS

Inside the Freightliner Bodybuilder connector #2 (this is an 8 way Packard connector - see picture) are two of the wires we need to correctly operate the Power Gear controls. The first one is a neutral sensing wire and it is located on Pin B of this connector. This wire is called “Neutral [497C3]” and gives a ground signal when in neutral. The other wire is the park brake wire and it is located on Pin A of this connector. It is called “Park Brake [125]” and gives a ground signal when the park brake is set. We will also need a +12V ignition source.

Connect the “Neutral [497C3]” wire directly to Pin 6 of the 6 way connector of the Power Gear control. Next, connect the “Park Brake [125]” wire directly to Pin 1 of the 6 way connector of the Power Gear control. Lastly, connect +12V Ignition directly to Pin 5 of the 6 way connector of the Power Gear control.



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

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.



This manual is provided courtesy of **RV Tech Cheat Sheet**



Professional resources for the whole RV industry — free.

We put manuals, wiring diagrams and hard-won tech knowledge in every technician's hands, so repairs get done right the first time, techs work faster, and RV owners everywhere get better service.



rvtechcheatsheet.com/manuals

Find thousands more RV manuals, wiring diagrams and parts lists

RV techs: share fixes, ask questions and learn from each other.

Join our free Facebook group →



Follow proper safety practices. If in doubt, consult a professional RV technician.