

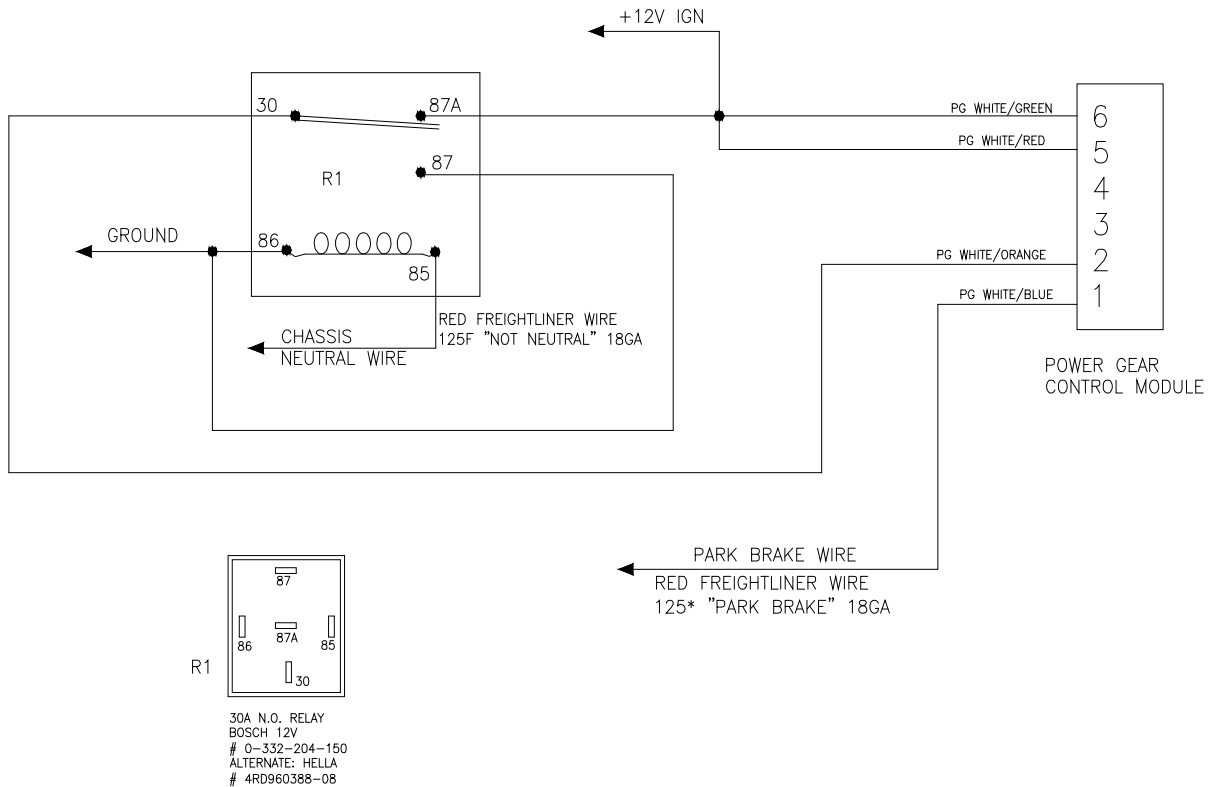


T.I.P. Troubleshooting Information on Power Gear

2003 FREIGHTLINER DIESEL CHASSIS HOOKUP OF POWER GEAR CONTROLS

In/around the dash of the Freightliner chassis there are two harness bundles marked "DIODE". Take the smaller harness bundle and pull out the 6 wires inside. There should be 2 red wires (18GA or so). One is marked "125F not neutral" and the other is marked "125* park brake". If these wires are not being used for anything else, they can be used directly to wire up a Power Gear leveling control. If they are being used for something else, you will need to splice into them.

The transmission signal wire is the wire marked "125F not neutral". This wire gives a +12V signal when in gear and is an open circuit when in neutral. Because this wire is an open and not a ground, a relay is necessary in addition to the Power Gear leveling control.



Wire up the Power Gear control as shown in the schematic above. Replace any non-used wires back into the Freightliner "DIODE" harness. 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.