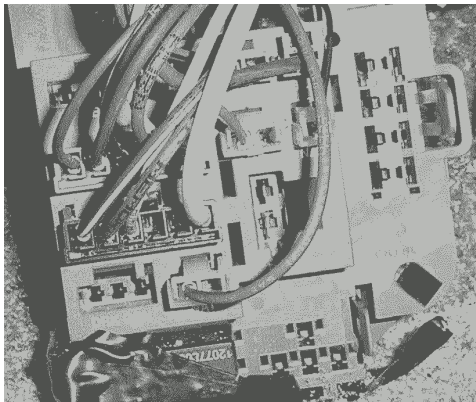




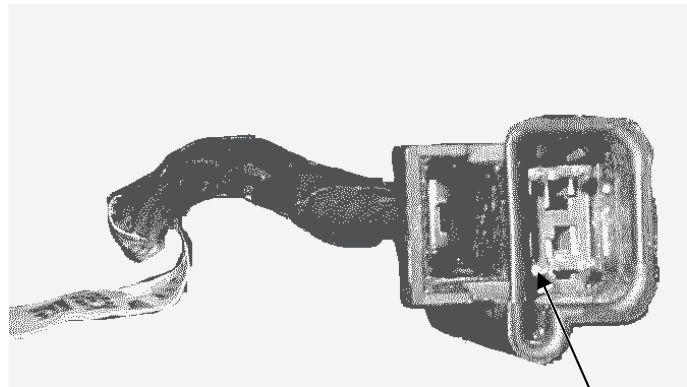
T.I.P. Troubleshooting Information on Power Gear

DAMON COACHES WITH WORKHORSE GAS CHASSIS **FIELD REPAIR FOR RETRACTING** **JACKS DURING KEY CYCLE**

You will need to locate two connection points for this fix. Both of which are located underneath the dash on the driver's side. The first connection point is the Workhorse Convenience Center (pictured below). This is usually located inside the coach on the firewall to the left of the brake pedal. (Your wire colors and sizes may vary from those pictured). The second connection is a Workhorse connector, which was never used, called "Check Tires." Since this connector was never used, it is probably bundled up in electrical tape or a zip tie in the mix with a bunch of other harnesses coming into the dash area. This connector is there on all 2003 & 2004 Workhorse Gas Chassis, though sometimes it is difficult to find.



Workhorse Convenience Center



Check Tires
Connector

Pin B

The Check Tires connector harness has a white label (although, it is barely visible in the picture above) that says "Check Tires." This harness has 4 wires going into the connector (Red, Black, Pink & Orange). We will use the pink wire as an alternate 12V ignition source. On the connector, the pin attached to the pink wire is labeled as pin "B".

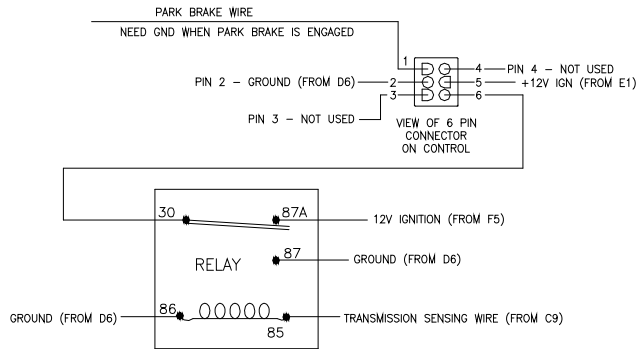
Remove the connector from "F5" in the convenience center (See schematic below for exact location of F5). It should be a Green/Black wire. In the picture above, this is the wire that is in the bottom center. This wire currently goes from the Convenience Center to a relay used as a signal to our control. We are going to change the source from the Convenience Center to this pink wire on the Check Tires connector.

Attach the wire previously hooked in the Convenience Center F5 to the pink wire on the Check Tires connector. The connectors are not mating connectors, so you will probably have to splice wires. Be sure not to short out with any of the other 3 wires in the Check Tires Connector.

The schematic below shows how the Damon coaches should be wired. Terminal 87A on the relay was supplied 12V ignition from the convenience center F5. We are changing that so that we now get 12V ignition from the pink wire on Check Tires.

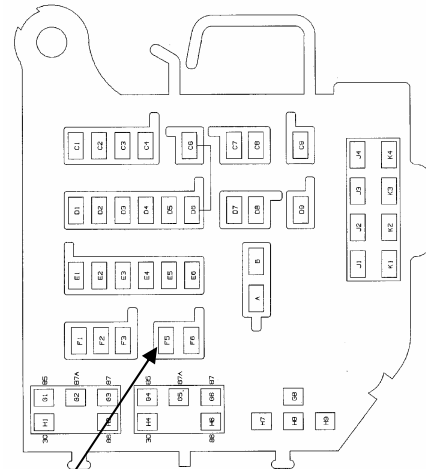


T.I.P. Troubleshooting Information on Power Gear



DAMON WIRING

Damon wiring as of Aug 2003



Position F5 **Workhorse
Convenience
Center**

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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