



T.I.P. Troubleshooting Information on Power Gear

ADEQUATE GROUND ASSURANCE FOR POWER GEAR RV SYSTEMS

To insure adequate grounds for Power Gear manual and semi automatic leveling systems, the following steps should be adhered to upon installation.

1. Pin number 1 of the 8-pin pump harness should be connected directly to chassis ground with no less than 14 GA stranded wire. This pin should not be connected to a ground buss bar or to the negative post of the battery.

The resistance from the number 1 pin at the control to the chassis ground should be less than 0.3 ohm, taking into account the resistance of the test leads used to measure.

2. The power unit should have a ground strap of at least #2 GA wire from one of the unused mounting holes to a bolt directly in the frame of the coach.

This strap should be fastened at both ends with bolts and star washers to an unpainted surface.

The resistance between the motor case and the negative post of the chassis battery should be 0 ohms, taking into account the resistance of the test leads used to measure.



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