



Tip Sheet

Hydraulic & Electric Leveling Low Voltage LED Indication

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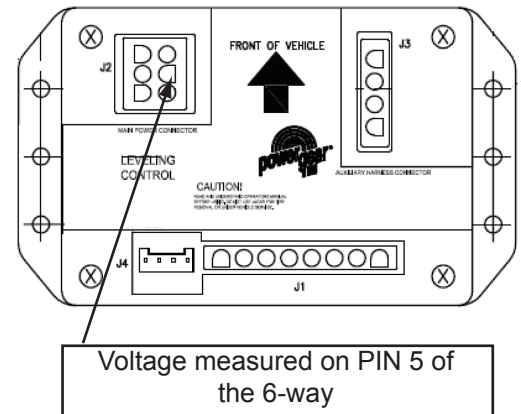
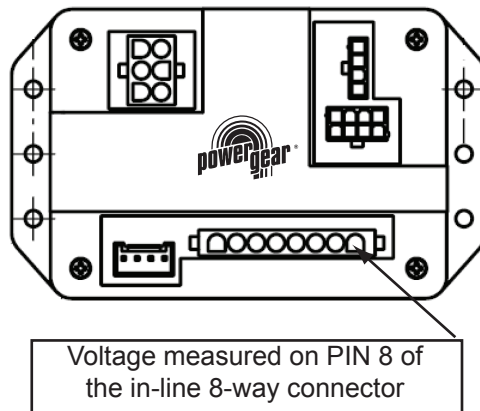
Low Voltage LED Indication for Hydraulic and Electric Leveling

LED Indications

The following table shows the two common styles of Power Gear controls, and where the voltage is measured.

All controls with the style on the left measure Voltage on Pin 8 as indicated.

All controls with the style on the right measure Voltage on Pin 5 as indicated.



The following controls have *Calibrated* Low Voltage software and are measured as indicated in the table below.

Calibrated means you must have 13V minimum to start operation.

Less than 13V, will flash the Low Voltage LED but allow operation.

Less than 11V, normal operation is prohibited & Low Voltage LED is on solid or flashing.
(manual retract features & emergency retract still enabled regardless of Voltage).

Calibrated Low Voltage Software	
Part # 1010001284 Rev OA	Part # 140-1227 Rev OE
Part # 140-1224 Rev OK	Part # 140-1229 Rev OE

The following controls have *Estimated* Low Voltage software and are measured as indicated in the table below.

Estimated means Low Voltage threshold is 9.5V (+/- 1 Volt).

At this point, the Low Voltage LED turns on solid.

Estimated Low Voltage Software	
Part # 1010001002 Rev OA	Part # 140-1228 (All Revisions)
Part # 140-1179 (All Revisions)	Part # 140-1229 Rev OD & Earlier Revisions
Part # 140-1224 Rev OG & earlier	Part # 140-1230 (All Revisions)
Part # 140-1227 Rev OD & earlier	Part # 9010000156 (All Revisions)





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