



T.I.P. Troubleshooting Information on Power Gear

Oil Fill Procedure Leveling Systems

Using oil filtered to 10 micron:

- 1) Fill pump to rim of fill port hole until just before oil starts to dribble out.
- 2) Cycle front legs to **fully extended position**, then retract fully.
- 3) Cycle rear legs to **fully extended position**, then retract fully.
- 4) Refill reservoir per step 1.
- 5) **Repeat steps 2, 3 and 4 in order; a minimum of 3 times.**
- 6) Extend front and rear legs.
- 7) Trip emergency brake, verify system alarms properly, alarm ceases when brake is reset and/or alarm ceases when legs are retracted.
- 8) Extend front and rear legs.
- 9) Remove transmission from "park" (if applicable), verify system alarms properly, alarm ceases when transmission is reset to "park", verify system alarms when transmission is taken out of neutral, verify system resets when transmission is reset to neutral, and verify alarm ceases when legs have fully retracted.
- 10) If alarm does not cease during steps 7 or 9, when legs are fully retracted, check liquid level and fill per step 1, if necessary.
- 11) Prior to road test, level coach and repeat steps 7-9.
- 12) After road test, level coach and repeat steps 7-9.

Note: All jacks should be cycled at least 5 times during this procedure.

PLEASE NOTE

The most common cause of hydraulic system malfunction or failure is contamination of hydraulic fluid (water, chips, dirt, etc.)

We have extensively cleaned this product during all phases of manufacture, assembly and testing.

Hydraulic hoses should be stored in an enclosed area with connector caps on and protected from moisture. Hydraulic pumps should be protected from wet environments to prevent corrosion of the electric motor. Hydraulic pumps should have caps on all hydraulic fittings and all holes should be plugged to prevent contamination from dust, water, chips, etc.

During assembly of the hydraulic system, it is imperative that any potential for contamination is minimized. Pump and leg connections should be kept capped until hoses are attached. Hoses should be kept capped until connected. Hydraulic fluid should be filtered to 10 microns absolute.



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.