

ELECTRONICS

Battery Power

LCI electronically controlled systems for motorhomes can run off the chassis battery or the house battery. Check with LCI or the manufacturer of the unit for which battery operates the LCI system in question travel trailer and fifth wheel systems run off house batteries.

While some electric and electronically controlled hydraulic slide-out systems can and will operate with battery operating voltage under 12V DC, leveling systems on Class A motorhomes require a minimum of 12V DC to operate. Operating leveling systems below the 12V DC minimum can and will result in several problems, including blown fuses, tripped circuit breakers, electronically locked out (latched) control systems and burned out solenoids (trombettas) and pump motors.

To avoid any of these conditions, the following guidelines will assist in keeping the leveling systems in proper working order:

1. Be sure your batteries are fully charged.
2. Testing the batteries for 12V DC should be done when the system is being operated. This provides a voltage reading "under load."
3. Start your motor home and leave it running during the operation of the leveling system.
4. Turn off all lights and other electrical elements during the operation of the leveling system.

Fluid Level

Fluid level is critical in all LCI hydraulic systems. The fluid level should always be checked only when the slide-out rooms are retracted and all landing gear, leveling and stabilization equipment is fully retracted. The fluid level **MUST** be between $\frac{1}{4}$ " and $\frac{1}{2}$ " of the top of the reservoir. This will ensure no air can contaminate the system from the reservoir. Many issues can arise from low fluid level, from malfunctioning leveling jacks and landing gear to overheating the motor and burning it out.

The LCI hydraulic systems utilize automatic transmission fluid. Dexron 3, Mercon 5 or a blend of the two is recommended for the hydraulic systems.



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