

HYDRAULICS

In the event that the hydraulic pump unit does not run when the slide-out switch or the leveling control is activated, use the following guidelines to troubleshoot the issue:

1. Test battery. Battery must be tested under load and must show 12V DC.

Indications:

- Volt meter reads at least 12V DC - battery is good.
- Volt meter reads less than 12V DC - battery has issues; Check the following:

- A. Connections at battery
- B. Chassis ground connection
- C. Water in battery
- D. Clean terminals - No corrosion

2. Check for a blown fuse. On current leveling systems, there will be a fuse mounted to the wiring harness right on the pump itself. For older leveling systems and slide-out control issues, consult the coach's OEM for fuse location. Replace blown fuse.
3. Check to see if the circuit breaker has been tripped. If the breaker cannot be located, call the coach's OEM or Lippert Components for it's location. Reset tripped breaker.
4. Test dual polarity solenoid:
 - A. Get a 4"- 6" piece of wire; 12-14 gauge will work fine.
 - B. Jump wire from top center post of dual polarity solenoid (power in from the battery) down to each of the spade connectors from the switch (Fig. 1A).

Indications:

- Heavy click - Dual polarity solenoid is good.
- Light click - Dual polarity solenoid is bad and needs replaced.

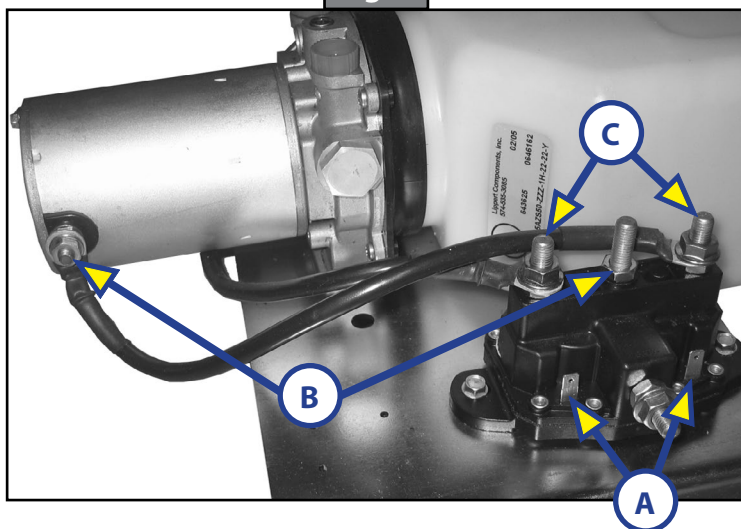
5. Test Motor

- A. Disconnect one motor lead from the dual polarity solenoid (Fig. 1C).
- B. Touch the disconnected motor lead to the power-in post of the dual polarity solenoid (Fig. 1B).

Indications:

- Motor runs in the direction of the disconnected motor lead - Motor is good

Fig. 1





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