

LEVELING AND STABILIZATION

Issue

Retract light and alarm will not turn off.

Corrective Action

End User

Set parking break. Turn on the touch panel and push the retract button. Unit should retract jacks; if not, unplug touch panel and contact a service center to order a new touch panel.

Dealer

1. Check sticker on back of brain box to see what version is in question. If the brain box is version A, B, C, or E, replace brain box. Be sure to reset the zero point with the new touch panel. Consult the LCI electronic leveling operation manual or [TI-016](#) for zeroing procedure.
2. If #1 does not work, check level of fluid in reservoir. Be sure that all jacks are retracted when checking on fluid level. Reservoir should be full to within ½" of the top of the reservoir. Add fluid as needed. Extend all jacks to full extension. Remove pressure switch from the top of the valve manifold. Remove flush & fill quick disconnect valve. Install pressure switch in locations where flush and fill disconnect valve was removed. Install flush and fill disconnect valve in previous location of pressure switch. Push retract button on touch panel.
3. If this does not fix the issue, power unit needs to be replaced.

Issue

System will not turn on or turns on but will do not do anything.

Corrective Action

1. Check to see if touch panel is plugged in.
2. If touch panel is plugged in, check to see if control box is plugged in.
3. If control box is plugged in, check to see if power unit is plugged in.
4. If power unit is plugged in, consult the LCI electronic leveling operations manual to make sure wires are in the correct orientation on the 9-Pin wire harness. A jumper harness can also be used to bypass the system.
5. If this does not work, check the 4-Pin touch panel harness for damage. A jumper can also be used to bypass.

NOTE: If all of the above correct actions reveal no solution to the issue, follow the following procedure:

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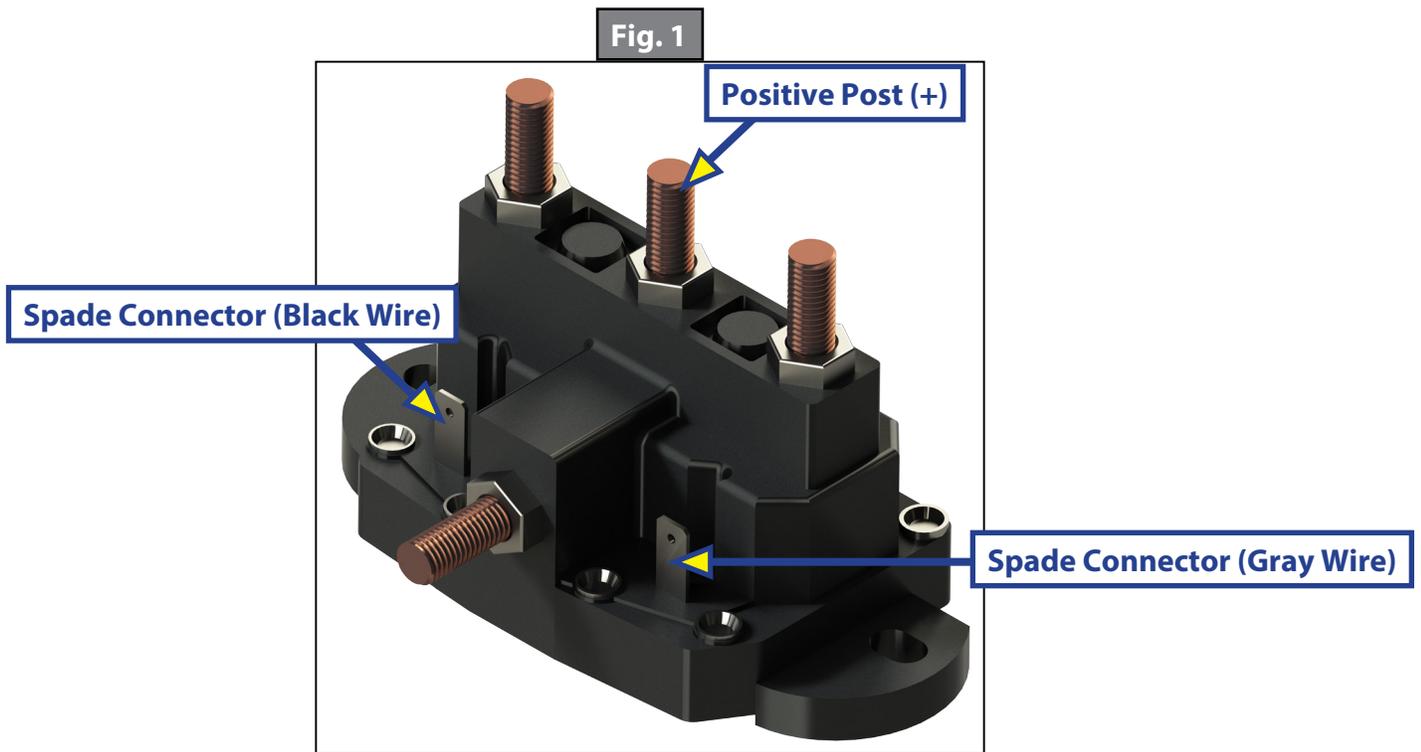
Issue

Check to see if dual polarity solenoid is burned out (Fig. 1).

Corrective Action

With a 4" section of 10 gauge wire, jump from the positive post (+) of the dual polarity solenoid (the center stud of the top of the dual polarity solenoid) to either of the spade connectors on the front of the dual polarity solenoid (either the black or gray wire). Both need to be tested, one at a time. Hold jumper wire in a place for approximately one second. Motor should run in both directions. If the dual polarity solenoid does not make a clicking noise, replace the dual polarity solenoid. If the dual polarity solenoid clicks but the motor does not run, replace the power unit.

NOTE: See [TI-038](#) for further information.



Part #	Description
118246	Hydfit Leveling Dual polarity solenoid - Silver Posts
136046	Standard Dual polarity solenoid - Bronze Posts
179982	Polarity Switching Dual polarity solenoid



LIPPERT
COMPONENTS

ELECTRONIC LEVELING TROUBLESHOOTING GUIDE

TI-005

LEVELING AND STABILIZATION

Issue

System will not level/power unit runs but will not level (Fig. 2).

Corrective Action

1. Check to see if valves are all closed. Utilizing a $\frac{5}{32}$ " hex key wrench, turn $\frac{5}{32}$ " hex head screws in the end of each valve counterclockwise.
2. Push Retract button if jacks are in the down position. When jacks are in the retracted position, extend Front jacks only. Be sure that the Front Two jacks are the only jacks that move. If Rear jacks also move, recheck valves to be sure they are completely closed. Once the Front jacks are extended to the point of just making contact with the ground, extend the Rear jacks, being sure that they are the only two jacks that move. If the Front jacks move, check valves again. With all four jacks now just touching the ground, extend the left side jacks and be sure they are the only jacks that move. If jacks in opposite corners move, consult the LCI Electric Leveling Operation Manual to find out what color wire corresponds with which jack.

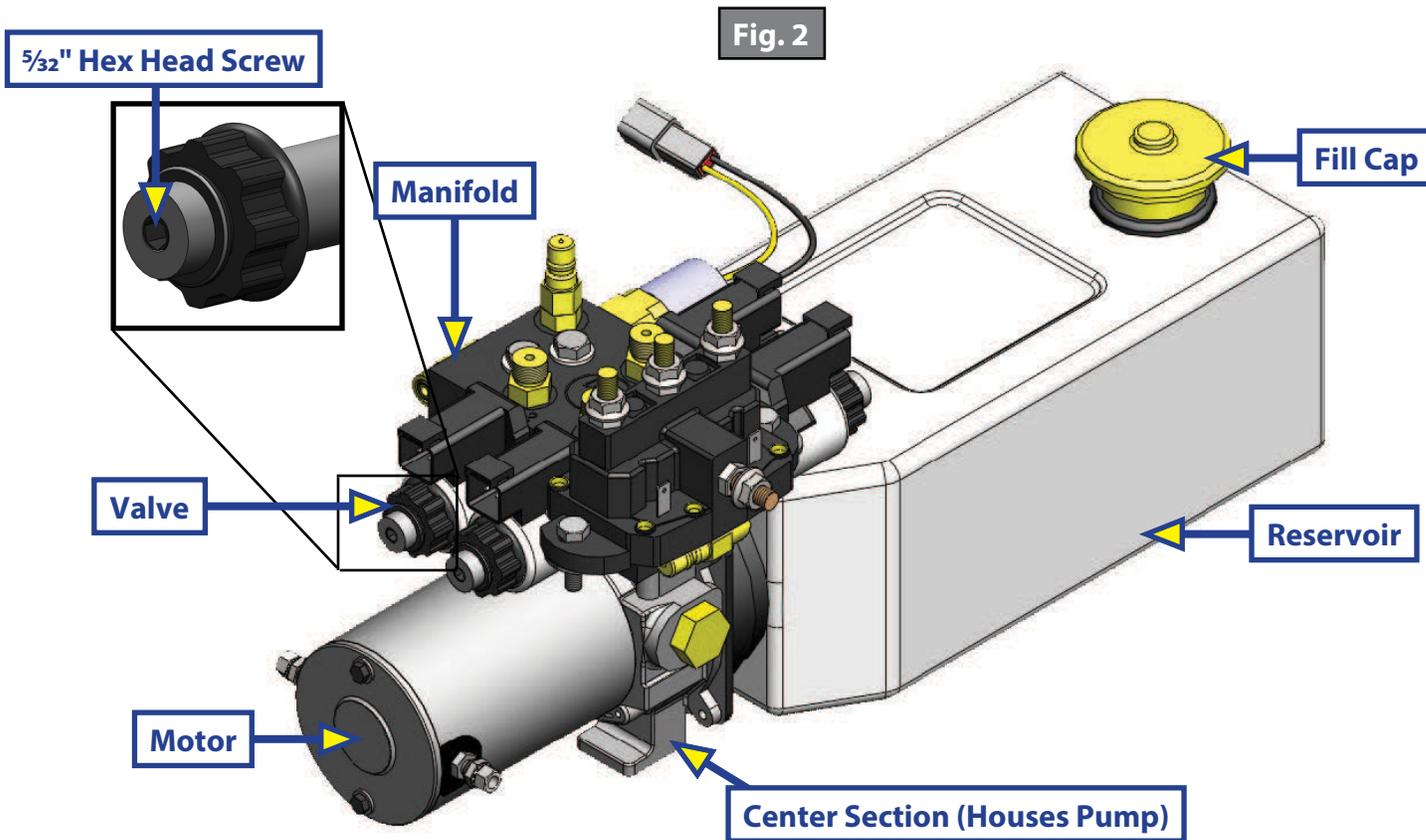


Fig. 2

Part #	Description
161394	Solenoid for Power Unit
167576	Parker Bi-Rotational Motor
179327	Hydraulic Power Unit Motor
177094	Hydac/Cartridge Valve

As a supplier of components to the RV industry, safety, education and customer satisfaction are our primary concerns. Should you have any questions, please do not hesitate to contact us at (574) 537-8900 or by email at customerservice@lci1.com. Self-help tips, technical documents, product videos and a training class schedule are available at www.lci1.com or by downloading the MyLCI app.