



TIP SHEET

**Testing float switches, or
fluid sensors, part #14-1085,
14-1101, & 14-1106, in
vertical tanks.**

This T.I.P Sheet is for testing float switches 14-1085, 14-1101, and 14-1106, used in leveling systems with vertical tanks.

Step 1: Refer to Tip Sheet #54, document #81-1243, for directions to remove and install these float switches.

Step2: Set multi-meter to continuity setting for your particular meter.



Step 3: Connect multi-meter to float switch wires and actuate the float on the switch.

Step 4: The switch should open and close creating a change in continuity.

Step 5: When the switch is in the closed position you should see continuity between the float switch wires. When in the open position, it should measure no continuity.

Step 6: If the float switch fails open, fails closed, or is intermittent, note that on the return tag for the warranty department, or replace float switch if not under warranty.



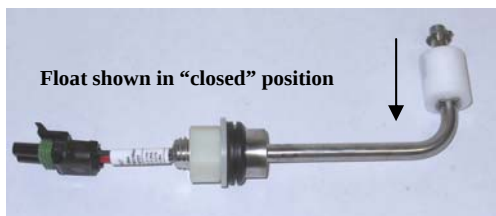
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If the float switch is cracked, or the wires are pulled out, cut, or modified, warranty claim will be denied. Use a multi-meter to check continuity. The float switch completes the circuit to turn the "Jacks Down" LED on the touchpad "On" or "Off" depending on the state of the float.

****Note the type of connectors used on the different float switches****

Part #14-1085: Right angle float switch with Packard connector

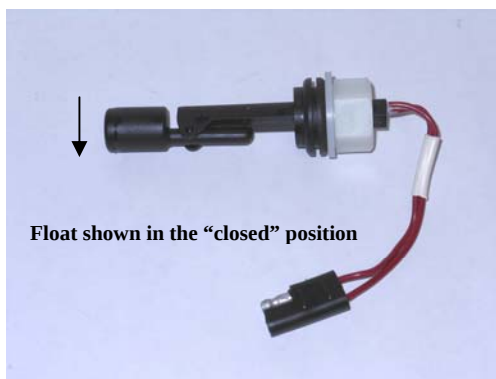


Float shown in "closed" position

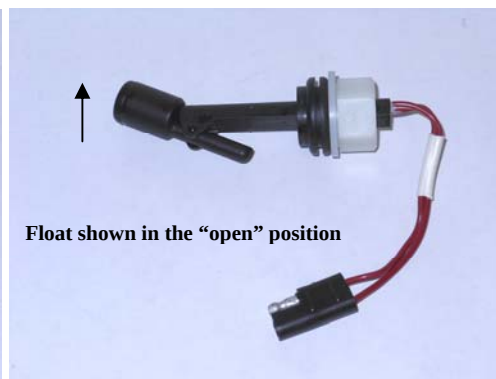


Float shown in the "open" position

Part #14-1101: Float with Trailer connector

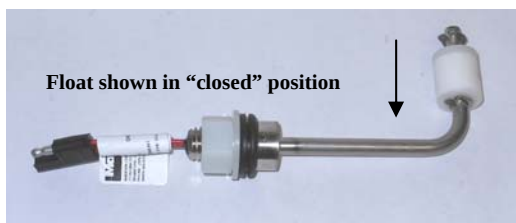


Float shown in the "closed" position



Float shown in the "open" position

Part #14-1106: Right angle with Trailer connector



Float shown in "closed" position



Float shown in "open" position

NOTE: Refer to www.lci1.com for Tip Sheet #54, or document #81-1243, for directions to replace these float switches.



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