



TIP SHEET

Testing vertical float switches or fluid sensors:
14-1136, 14-1137

This T.I.P Sheet is for testing vertical float switches: 14-1136, and 14-1137 with internal 1K, .25 watt resistor.

Step 1: Set multi-meter to kilo-ohms' setting for your particular meter.



Step 2: Connect multi-meter to float switch wires and actuate the float on the switch.

Step 3: The switch should open and close creating a change in resistance.

Step 4: When the switch is in the closed position you should see approximately 1,000 ohms (plus or minus 10%) of resistance on the float switch. When in the open position, it should read zero resistance, or open.

Step 5: 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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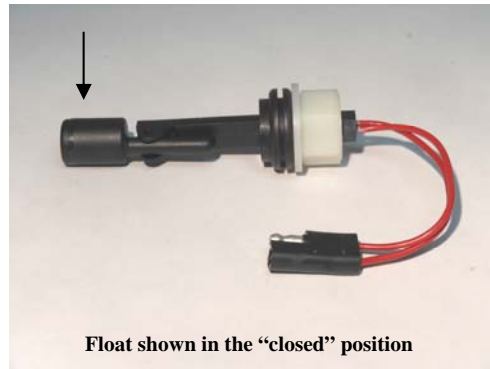
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TIP Sheet #82-L0510, Rev. 0A

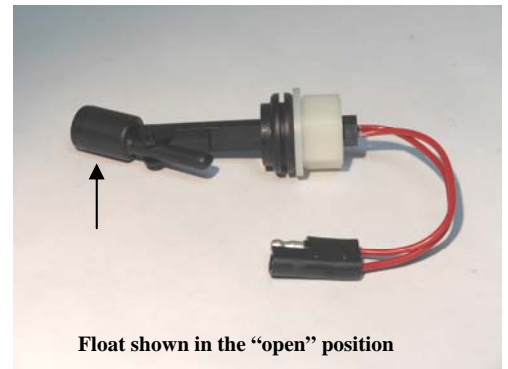
If the float switch is cracked, or the wires are pulled out, cut, or modified, warranty claim will be denied. Use a multi-meter to check resistance. The float switch completes the circuit to turn the "Jacks Down" LED on the touchpad "On" or "Off" depending on the state of the float.

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

Part #14-1136: Float with Trailer connector

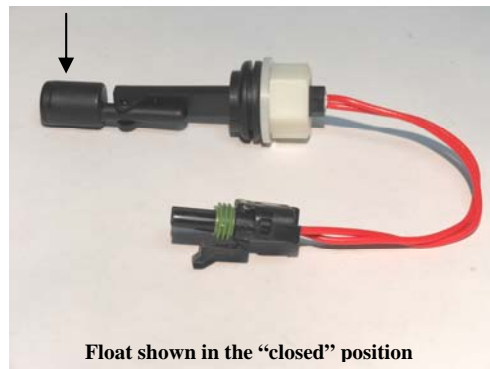


Float shown in the "closed" position

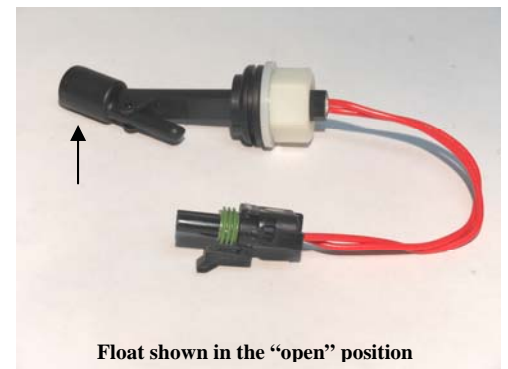


Float shown in the "open" position

Part #14-1137: Float with Packard connector



Float shown in the "closed" position



Float shown in the "open" position

NOTE: Refer to www.powergearus.com for Tip Sheet #81, or document #81-1298, for directions to replace these float switches.