

# TECH TIPS

Service Call:

**Unit has no functions. Down alarm sounds when the down function is activated**

Tools Needed:

Volt Meter  
Phillips Head Screwdriver

Model:

**GS Scissors**



## Tech Tips Safety Rules



### **Danger**

Failure to obey the instructions and safety rules in the appropriate Operator's Manual and Service Manual for your machine will result in death or serious injury. Many of the hazards identified in the operator's manual are also safety hazards when maintenance and repair procedures are performed.

### **Do Not Perform Maintenance Unless:**

- You are trained and qualified to perform maintenance on this machine.
- You read, understand and obey:
  - manufacturer's instructions and safety rules
  - employer's safety rules and worksite regulations
  - applicable governmental regulations
- You have the appropriate tools, lifting equipment and a suitable workshop.

The information contained in this tech tip is a supplement to the service manual. Consult the appropriate service manual of your machine for safety rules and hazards.

## Step 1

Locate motor controller in hydraulic tray.



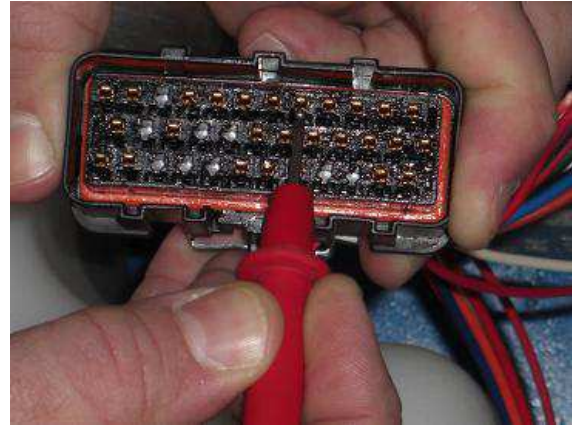
## Step 2

Turn key switch to ground controls, make sure both Red emergency stop buttons are pulled out to the on position  
Place the ground lead of your volt meter on the B- terminal of the motor controller  
Place your positive lead on terminal #1, leaving the wire at terminal #1 still attached.  
Activate platform lift up toggle switch at the ground controls  
Voltmeter should read approx. 24vdc  
If voltage reads 24vdc Skip to step 4



## Step 3

If the wire on terminal #1 has no voltage then check continuity from it to wire position A8 on the ECU plug. If no continuity is found repair wire or replace wire

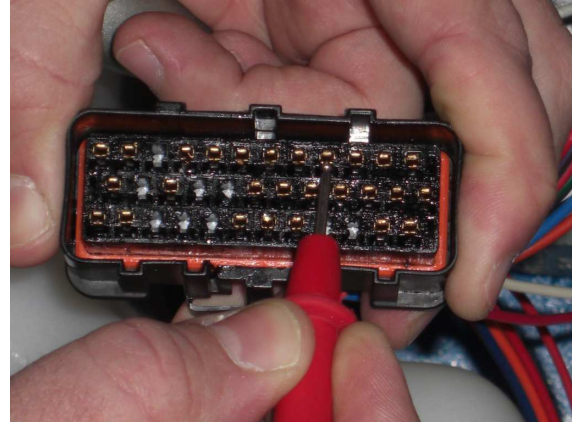


## Step 4

Place your positive lead on terminal #3  
Activate platform lift up  
Voltmeter should read approximately 4vdc  
If voltmeter reads 4-5vdc skip to step 6

## Step 5

If the wire on terminal #3 has no voltage, then check continuity from the wire at terminal #3 to wire position A9 on the ECU plug .  
If no continuity is found repair wire or replace wire  
If both wires have 0vdc but they both have continuity, replace ECU



## Step 6

If you have 24v on either M- or T2, replace motor controller.  
If 24v is not present at either M- or T2, troubleshoot motor for open in the motor.  
Refer to Tech Tips for DC Motor Troubleshooting