

# TECH TIPS

## Service Call:

**Above the down limit switch, unit has no functions, (except platform down) and alarm sounds or ECU fault code window shows code "LL"**

## Tools Needed:

Volt Meter  
Phillips Head screw driver

## 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

Level sensor is located on top of the chassis between the steer tires.



## Step 2

- Move machine to an area that has a firm, level surface and is free of obstructions.
- Remove platform controls from the platform rail, leaving the upper control box plugged into the control cable at the platform. You will operate the up function with the upper control box while standing on the ground, next to the unit.
- Turn key switch to the platform control and pull out the red emergency stop button to the on position at both the ground and platform controls.
- Raise the platform 7 to 8 feet with the upper control box controls.
- Lift the safety arm, move it to the center of the scissor arm and rotate down to a vertical position.
- Lower the platform onto the safety arm.

## Step 3

- Locate the Red wire on the level sensor. With the level sensor hooked up, check for 24v on the red wire going into the tilt sensor.
- If there is not 24v present, do a continuity check from the wire that plugs into the red wire back to the ECU plug to terminal A5. If you have good continuity replace the ECU.
- If you have 24v on the red wire, check the white wire coming out of the level sensor for 24v.
- If there is no voltage on the White wire from the level sensor, replace the level sensor.
- If you have 24v coming out on the white wire, do a continuity check on the wire that plugs into the White wire back to the ECU plug at terminal C11
- If you have good continuity back to C11, replace the ECU

