

TECH TIPS

Service Call:

ECU shows code 47 on GS Scissor control systems with a potentiometer based joystick.

Tools Needed:

Phillips Head Screwdriver
Small Flat Blade Screwdriver
3/32 Allen Wrench
Voltmeter

Model:

GS Scissor Lifts



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

Turn the key switch to the platform controls and pull out the red emergency stop button to the on position at both the ground and platform controls

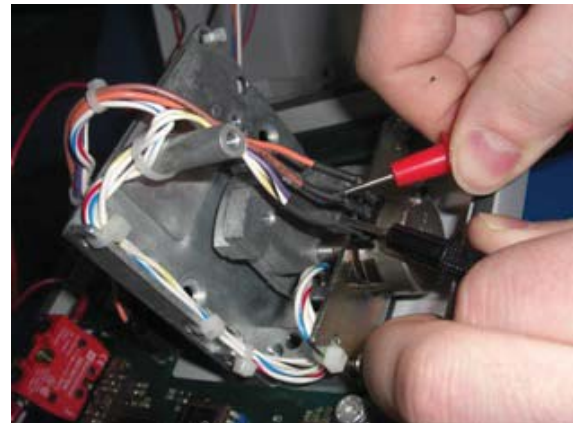
Remove the platform control box lid retaining fasteners. Open the control box lid.



Step 2

Locate the potentiometer on the base of the joystick controller.

With a voltmeter set to read DC voltage, place the volt meter negative lead on the purple wire.
Place the volt meter positive lead on the brown wire.



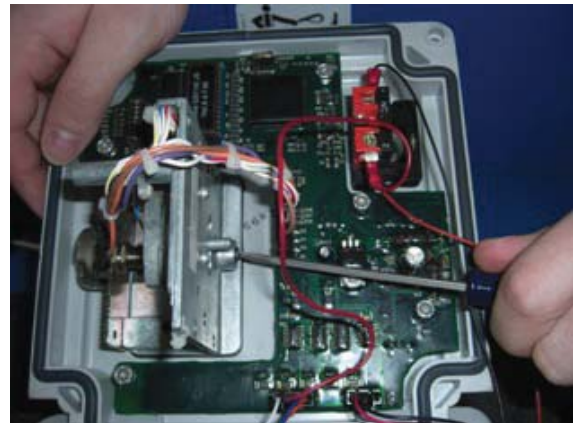
Step 3

Loosen the set screw on the potentiometer shaft just enough to let the shaft rotate.



Step 4

With the joystick in the neutral position, adjust the potentiometer to 2.05V DC at the potentiometer shaft. Tighten the set screw.



Step 5

Move the joystick full stroke in both directions several times.
Return the joystick to the neutral position.

Result: The volt meter should read 2.05V DC

Result: If the volt meter does not read 2.05V DC,
repeat steps 2 through 4.



Step 6

Turn the key switch to the off position.
Wait a few seconds and then turn the key switch to the
platform controls

Result: The error light on the top of the platform control box
should go out and the code 47 should not be present on the
diagnostic display at the battery module side of the machine.

Result: If the error indicator light is still on or if code 47 is
present on the diagnostic display, repeat steps 2 through 5.

* If problem persists, contact Genie Industries @
1-800-536-1800

Turn key switch to the off position

Close the lid and tighten the fasteners