

TECH TIPS

Service Call:

**How to Calibrate a Joystick
on the ALC 500 control systems.**

Tools Needed:

7/16 wrench

Model:

Z45/25ic, S60, Z60, S80



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

The joysticks on this machine utilize digital Hall Effect technology for proportional control. If a joystick is disconnected or replaced, it must be calibrated before that particular machine function will operate.

The joystick must be calibrated before the threshold, max-out or ramping can be set.

Perform this procedure with the engine off.

Step 2

Pull out the red Emergency Stop button to the on position at both the ground and platform controls.

Turn the key switch to platform control. Do not start the engine.

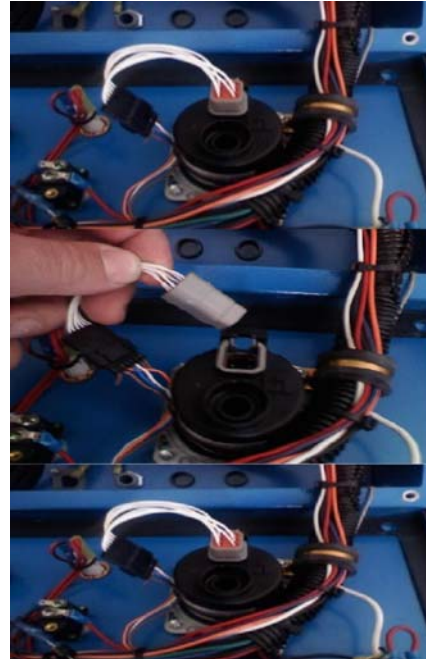
Open the upper control box control panel lid.

Step 3

Select a joystick to calibrate.

Without stepping on the foot switch, disconnect the wire harness connector from the joystick to be calibrated for approximately 10 seconds or until the alarm sounds.

Reconnect the wire harness connector to the joystick



Step 4

Move the joystick full stroke in either direction and hold for 5 seconds at the end of each stroke.

Return the joystick to the neutral position, pause for 5 seconds, then move the joystick full stroke in the opposite direction, holding for 5 seconds and then return the joystick to the neutral position.

Result: The alarm should sound indicating successful joystick calibration.

Step 5

Repeat this procedure for each joystick controlled machine function including the thumb rocker steer switch drive controller

No machine function should operate while performing the joystick calibration procedure.

Close and secure the platform control box lid.

If you should have any questions, please feel free to contact the Genie Industries Service Dept @ 800-536-1800

Step 6