

TECH TIPS

Service Call:

Boom speed is very slow.

**How to Calibrate the Boom Angle
Sensor**

Tools Needed:

N/A

Model:

S60X



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

Note: Perform this procedure with the boom in a stowed position.

Pull out the red Emergency Stop button to the on position at the ground controls. Turn key switch to platform control. Push in the red Emergency button to the off position at the platform control.

Do not start the engine and do not press on the foot switch.



Step 2

Move and hold the drive enable toggle switch in the right position and pull out the red Emergency Stop button to the on position.

When the alarm sounds release the drive enable toggle.



Step 3

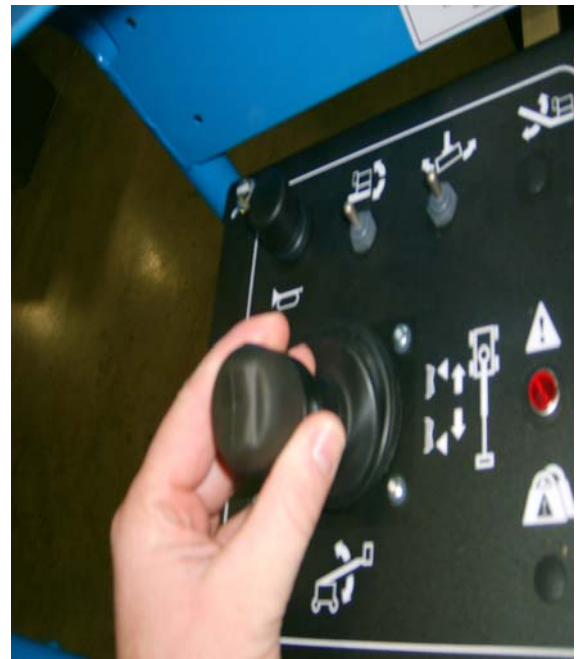
Momentarily activate the drive enable toggle switch to the right direction 12 times.

* Result: There should be a pause and the alarm should sound 12 times indicating the machine is in angle sensor calibration mode.



Step 4

Start the engine from the platform controls and press down on the foot switch. Move the joystick back to ensure the boom is fully stowed.



Step 5

Once the boom is in the fully stowed position move the drive enable toggle switch momentarily to the right to set the stowed position.



Step 6

Move the joystick forward to raise the boom to its highest position, then move the drive enable toggle switch momentarily to the right to set the high angle setting.

Note: Manually reduce the speed of the elevate control as it reaches maximum angle.

* Result: The alarm should sound indicating the settings have been saved in memory.

If you should have any questions, please contact the Genie Industries Service Dept at 800-536-1800

