

TECH TIPS

Service Call:

**How to perform Turn table rotate and
Primary boom extend retract
automatic speed calibrations.
Speed not calibrated faults shown at
base control display (TCON)**

Tools Needed:

Service manual is required.

Model:

Z80/60



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

To perform these automatic speed function calibrations, the unit must be in the stowed position, except for the primary boom, that will be elevated just off its resting pad +/- 8" (until the low drive LED illuminates at the platform).



Step 2

Position the machine on firm and level ground, with the platform positioned between the round end tires .



Step 3

Let's start with the turn table rotate auto speed calibration procedure.

Turn the keyswitch to platform mode. At the platform controls, set engine RPM to foot switch activated high idle.

Start engine, activate foot switch and move joystick full stroke in either directions until drive enable light illuminates at platform and alarm sounds, then move joystick at full stroke in the opposite direction until alarm sounds again. Return boom between round end tires.

Once function speed has been set, press and hold the platform engine start button until engine shuts off to save the changes.

Do not press on the emergency stop button before the changes are saved. If the red emergency button is activated before the changes are saved, all calibrations will be lost and you will have to perform this procedure again.



Step 4

Approximately 3 seconds after the engine has shut off, the alarm at the ground controls should sound indicating that the calibrations have been saved to memory.

At the ground controls, turn the keyswitch to the off position for a couple of seconds, then back to the on position.

Look at the display, the speed calibration fault should be gone.

If fault is still present, repeat the procedure .

If fault persists, contact the Terex AWP service department at (800) 536-1800.



Step 5

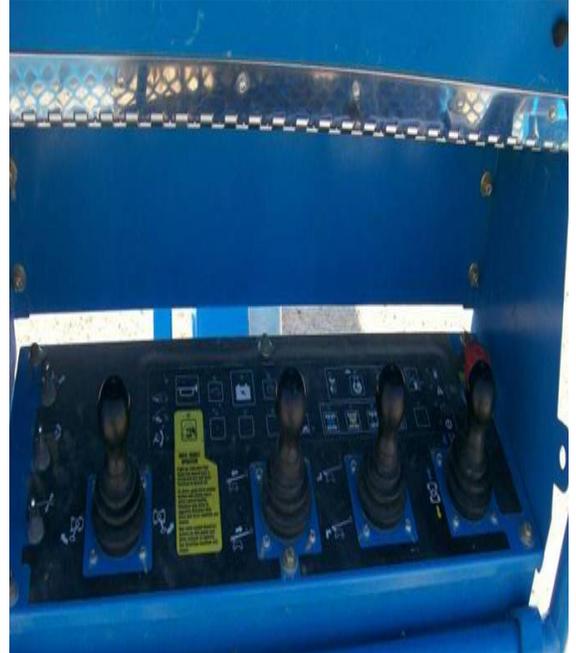
Now let's perform the primary boom extend/retract auto speed calibration procedure.

Turn the keyswitch to platform mode. At the platform controls, set engine RPM to foot switch activated high idle.

Start engine, activate foot switch, from the fully retracted position move joystick at full stroke to extend boom until alarm sounds, then move joystick at full stroke in the opposite direction until alarm is sounds again.

Once function speed has been set, press and hold the platform engine start button until engine shuts off to save the changes.

Do not press on the emergency stop button before the changes are saved. If the red emergency button is activated before the changes are saved, all calibrations will be lost and you will have to perform this procedure again.



Step 6

Approximately 3 seconds after the engine has shut off, the alarm at the ground controls should sound indicating that the calibrations have been saved to memory.

At the ground controls, turn the keyswitch to the off position for a couple of seconds, then back to the on position.

Look at the display, the speed calibration fault should be gone.

If fault is still present, repeat the procedure.

If fault persists, contact the Terex AWP service department.

