TECH TIPS

Service Call:

How to calibrate a platform level sensor.

Tools Needed:
Digital Level

Model:

Z80, Z135 and S125

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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

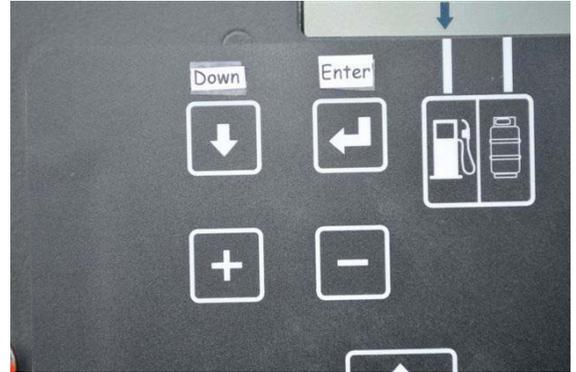Move machine to level ground.

Step 2

Using platform level buttons and digital level, level platform to 0.0 "+" or "-" 0.5 degrees.

Step 3

At TCON with estop power on and in TCON mode, press and hold down the "Enter" key, turn e-stop power off then back on, release the "enter" key, and then press the following sequence "+" "Enter" "Enter" "+". "Set unit levels to gravity" should appear on display screen.

Step 4

Press the "enter" key three times or until "set platform level to gravity" appears on display screen. Press the "+" key for yes, and the press the "Enter" key to accept these changes.

Step 5

Platform level sensor millivolts per degree will appear on display screen.   If you did not replace the level sensor press the "Enter" key. If level sensor was replaced press the "+" or "-" keys to change millivolts to 1.01 then press "enter" key to save changes.

Step 6

Press the "Down Arrow" key until exit appears on display screen. Press the "+" key for yes, and the the "enter" key to exit.
 Hour meter should appear on display screen.

Step 7

Press the "Down Arrow" key until exit appears on display screen. Press the "+" key for yes, and the the "enter" key to exit.
 Hour meter should appear on display screen. Press the "Down Arrow" key until exit appears on display screen. Press the "+" key for yes, and the the "enter" key to exit.
 Hour meter should appear on display screen. The platform level sensor should now be calibrated.

Step 8

You can check if the calibration took by pressing the "down arrow" key 8 times, platform level sensor degrees should appear on the display screen and should read 0.0 "+" or "-" 0.5 degrees, if not repeat steps 1-8.