

**Service Call:**

Setting Zero on TM Leveling Controller

**Tools Required:**

Simple Hand Tools

Jumper wire

**Model(s):**

Any TM model using the leveling controller

## Tech Tip 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.

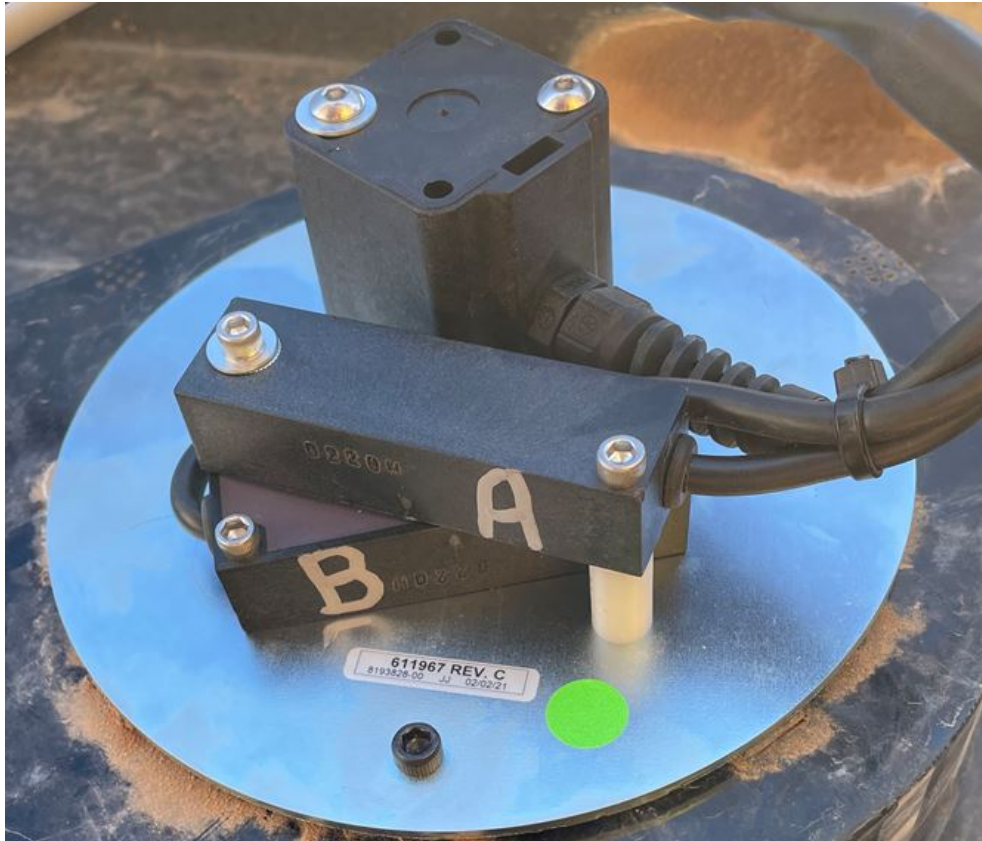
### **Do Not Perform Maintenance Unless:**

- 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.

## Pre check

Verify the sensing unit mounted on the end of the basket leveling shaft is in the proper vertical orientation relative to the platform as shown below.



## Step 1

Unplug the servo valve.

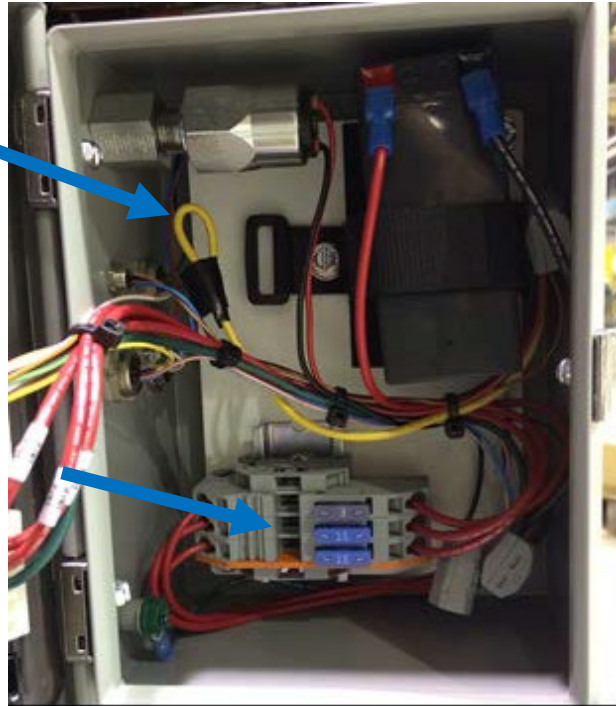


## Step 2

Manually level the platform to zero degrees.

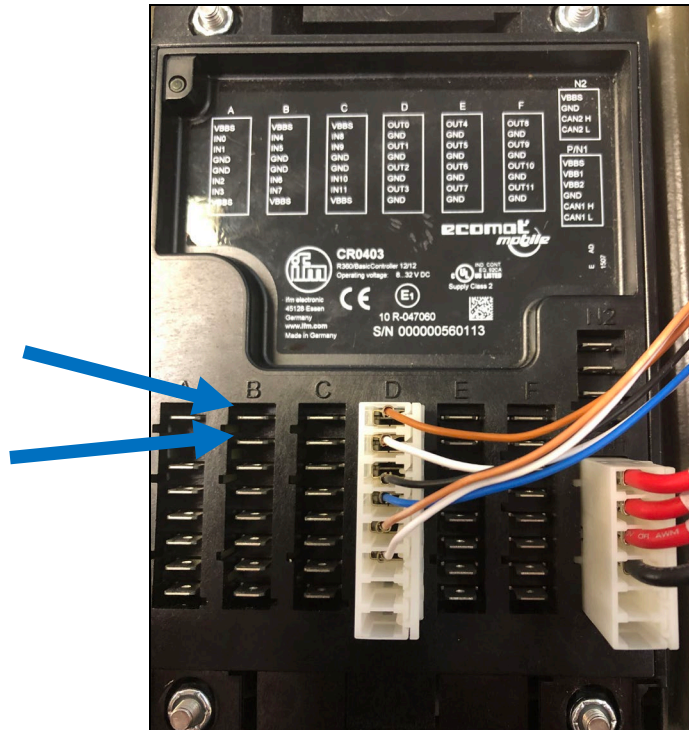
## Step 3

A yellow wire will be taped up inside the battery box. Insert the yellow wire into the middle fuse box to power up the controller.



## Step 4

Using a jumper wire, connect pins B1 and B2 together on the controller. The light on the controller will turn red for 3 seconds before turning green. This indicates that level has been set successfully.



## Step 5

Remove the jumper wire, disconnect the yellow wire, and reconnect the servo valve.

## Step 6

Cycle the unit from the lower controls and then the upper controls to verify the platform remains level.