

CALIBRATION

This scale has been factory calibrated, and does not require calibration prior to use. If necessary the scale can be recalibrated following the steps below.

Step 1: Deactivate gravity compensation

Step 2: Proceed with calibration procedure

Step 3: Reassemble the top board (aluminum panel) and mat

Step 4: Calibrate zero

Before starting step 1, the mat and top board must be removed.

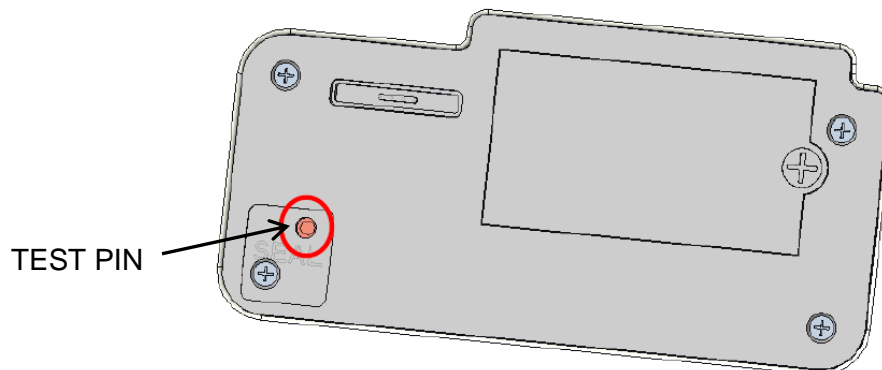
1. Peel back the mat.
2. Unfasten all 8 screws and lift off the top plate as shown in the image below. Set the screws aside for use in step 3 to reassemble the board.

Note: Do not use brute force to disassemble the top board (aluminum panel) under the mat, it might cause serious damage to the product. Always remove all of the screws before lifting the top board up.



Step 1: Deactivate Gravity Compensation

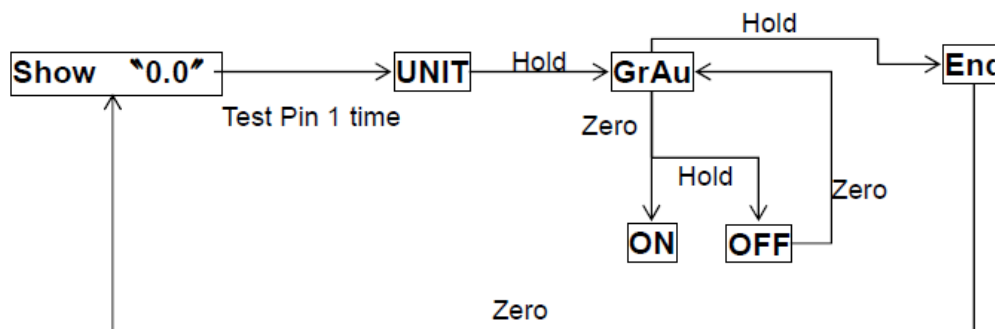
1. Power on the scale, then access the underside of the scale. Remove the SEAL, then press [TEST PIN] one time to enter Engineering Setting mode.



2. While LCD shows "UNIT", press [Hold] to select $GrAu$, press [Zero] to enter gravity setting and show $0n$
3. Press [Hold] to select OFF then press [Zero] to confirm and show $GrAu$.

CALIBRATION (CONT.)

- Press [Hold] to select **End**, then press [Zero] to finish deactivating Gravity Compensation and go back to normal mode.



Step 2: Proceed calibration procedure (60kg)

- Power on the scale, press [TEST PIN] two times to enter Calibration mode.
- While LCD shows "Zero count", press [Zero] to show "Span count."
- Using a calibration plate, load 60 kg on the first set of load cells (LCD shows Span count), and wait for a stable reading.

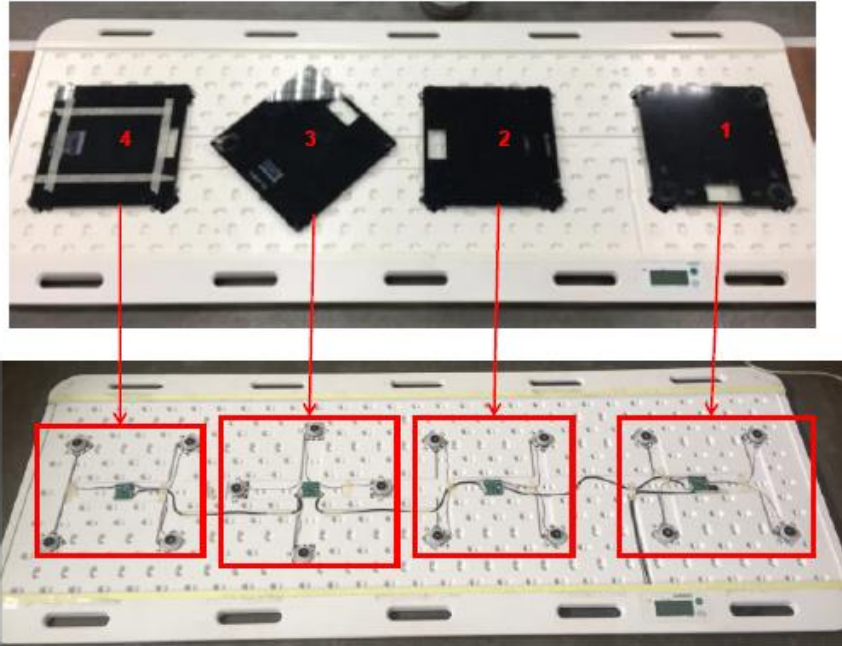
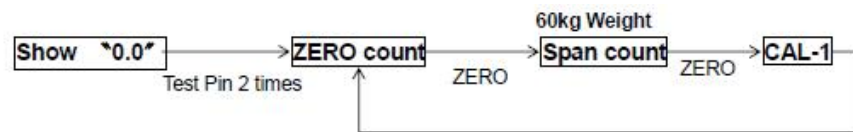
CAUTION

- Remember to place a hard platform (such as the calibration plate) on the load cell sets before calibrating.
- Please refer to the following instruction to load weight on the load cell sets:



CALIBRATION (CONT.)

4. Press [Zero] to finish calibrating the first set while the LCD shows “CAL-1”.
5. Repeat the same procedure to calibrate the second to fourth set of load cells.
6. After all four sets of calibration are done, LCD shows current weight. Power off the scale.



Step 3: Reassemble the top board (aluminum panel) and mat

1. Place the aluminum top plate back onto the scale and replace and fasten all 8 screws.

Caution: Do not overtighten the screws.

2. Reapply the mat following the procedure below.
 - A. Apply the double-sided strips in the recess either side of the aluminum plate as shown in the image below.



- B. Peel back the top film of the double-sided strips and lightly place the mat on top, ensuring that it is perfectly in place before pressing it into place.

CALIBRATION (CONT.)

- C. Turn the scale over and place the double-sided strips as shown on the image below.
- D. Peel back the film on the double-sided strips and then secure both ends of the mat into place.



Step 4: Calibrate Zero

1. Power on, press [TEST PIN] one time to enter Engineering Setting mode.
2. While LCD shows "UNIT", press [HOLD] to select [CAL-0], press [Zero] to enter CAL-0 setting and shows "no".
3. Press [Hold] to select "yes", then press [Zero] to confirm and shows "---".
4. While LCD shows [CAL-0], press [Hold] to finish this procedure and shows [End].
5. Press [Zero] to return to normal mode.

