

Scale Calibration






Procedures described require work inside the scale enclosure. These procedures are to be performed by qualified service personnel only.



Manuals can be viewed or downloaded from the Rice Lake Weighing Systems retail distributor site at www.ricelake.com/retail

Weight Calibration





Follow the steps below to complete the calibration process.

1. Turn on the scale while pressing  until **6.3** displays.
2. Press and hold  until **SETUP** displays.
3. Press  to enter calibration mode. The **WEIGHT** display flashes **CAL-1** and shows **UNIT 1**.





Note

The **WEIGHT** display does not flash **CAL-1** if jumper **JP1** is in the disabled position. See [Set JP1 Jumper](#) if the **WEIGHT** display does not flash **CAL-1**.

4. Press  to select the weight unit (default is kg) to be used for calibration. An arrow displays over the selected unit.
 - Unit 1 - kg
 - Unit 2 - lb
 - Unit 3 - oz (not available in Canada)
5. Press  to accept the weight unit. The **WEIGHT** display shows:
 - 00.000 (kg)
 - 000.00 (lb)
 - 0000.0 (oz) (not available in Canada)
6. Press  to shift and  to modify the flashing digit to match the scale capacity weight that will be used to calibrate the scale.



Example:

Use a 30 lb standard weight to calibrate; press  to shift the flashing digit to **000.00** and press  to set the digit to **030.00**.



Note

Full capacity weight is required for calibration.

7. Press  and wait for the **WEIGHT** display to show **000000** and the **UNIT PRICE \$** display to show the internal offset value.
8. Place selected weight from [Step 6](#) on the platter. **WEIGHT** display shows the internal span value and **UNIT PRICE \$** display shows the internal offset value.
9. Wait for the span value to become stable, then press .
10. Wait for the **WEIGHT** display to flash **good** twice. Quickly remove the weight from the platter. After automatic restart, calibration is finished.
11. Disable **JP1** to maintain the NTEP approval.

Set JP1 Jumper

Follow the steps below to set JP1 to the enable or disable position.

1. Power off scale.
2. Remove platter and plastic in-use cover.
3. Remove lead-seal located in the center of the base.
4. Remove the four screws from the base of the scale.
5. Lift the cover away from the base toward the operator side.

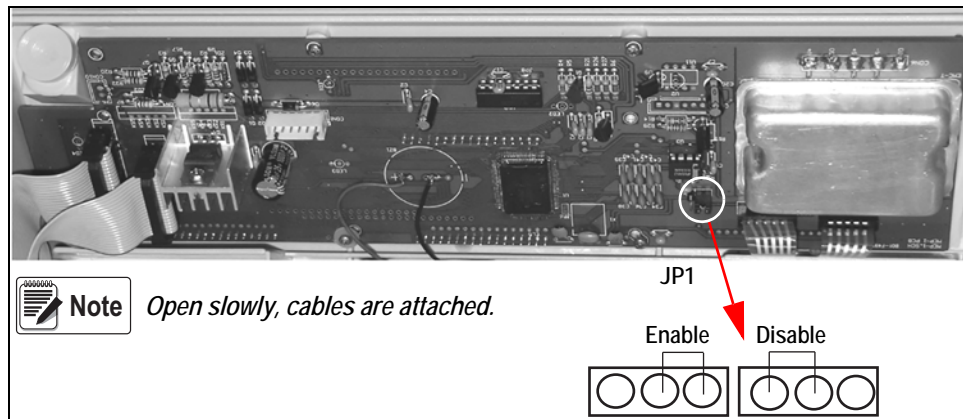


Figure 1. Jumper JP1 Location

Follow the steps below to reassemble the scale.

1. Place the cover on top of the base, ensuring that the sealing pin is aligned with the sealing pin hole in the base.
2. Tighten the four screws into the base of the scale.
3. Replace the lead seal in the center of the base over the sealing pin.
4. Replace the platter and plastic in-use cover.

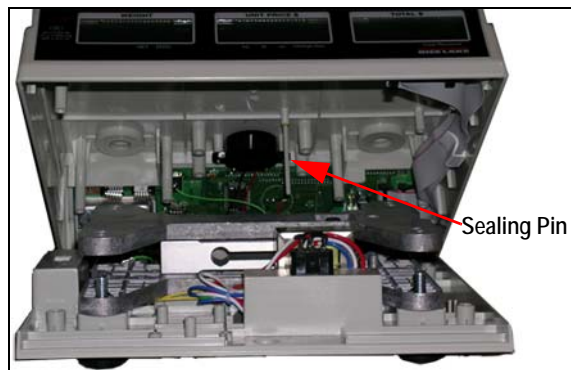


Figure 2. Sealing Pin



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