

Installation of the Scale-Tec POINT® Scale Indicator on Towed TMR Mixers

WARNING

Shut down the tractor and remove the key before repairing, servicing, lubricating or cleaning the machine.

Relieve all hydraulic pressure in the hoses. Disconnect the hydraulic hoses from the tractor before going near the machine.

Securely block the machine to avoid any movement while doing the work.

DANGER

DO NOT enter the tub while the mixers are turning.

Entering the tub when the mixers are turning will result in death or serious injury.

DO NOT contact the rotating screws.



Installation

1. If there is already a weigh scale display installed on the machine, unplug and remove the display, and place into storage.
2. Attach the mounting bracket (1) to the display holder (3), as per [Figure 1](#).
 - a. Fasten with 4 of #10 x 3/4" machine screws (2) and 10-24 nylock nuts (4).

Note: The display holder (3) and scale head mount arm may look different than what is pictured depending on the model year of the unit. Installation remains the same.

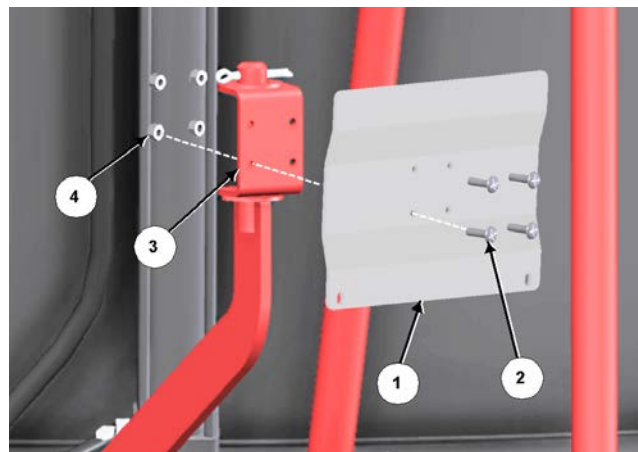


Figure 1: Attach the Display Mount to the Mount Arm

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3. Fasten the display (5) to the mounting bracket, as per **Figure 2**.
 - a. Fasten with 2 of ¼" x ¾" hex bolts (6) and ¼" flange lock nuts (7).

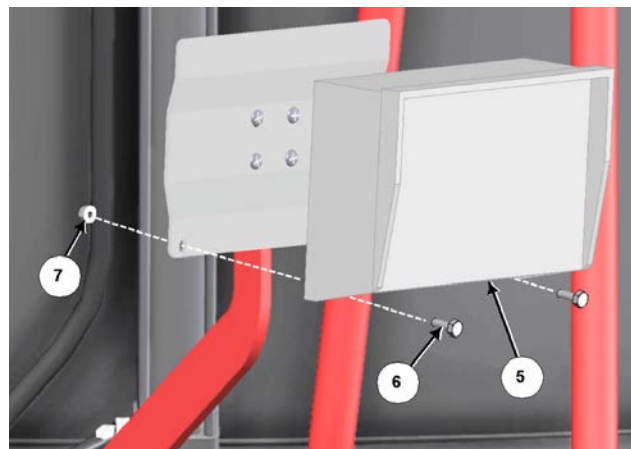


Figure 2: Fasten Display to the Mount Bracket

Connecting the Display

Follow **Figure 3** throughout this section.

1. Attach the power cable (1) to the lead on the tractor cable.

Note: The scale head power comes from the center pin on the 7-pin connector.

2. Connect the power cable (1) to the power port on the display.
3. Connect the load cell cable (2) to the load cell port on the display.
4. Connect the square plug on the load cell cable (2) to the junction box.

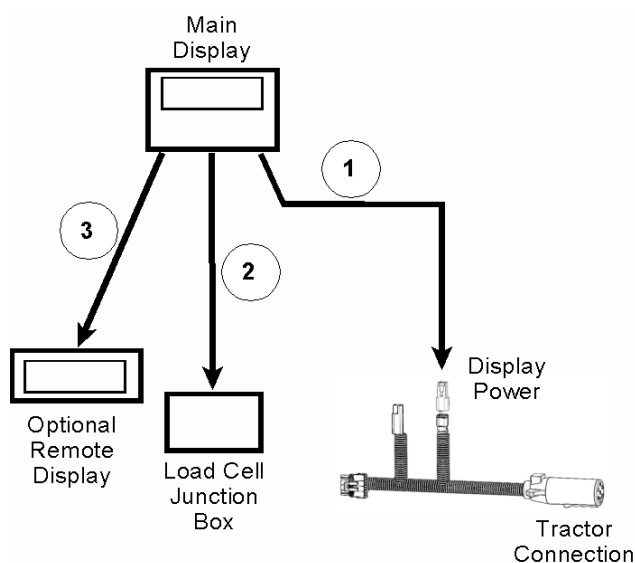


Figure 3: Connection Arrangement for the Display

5. If an optional remote display is present, connect it to the Auxiliary port on the main display, as shown in **Figure 3**.
 - a. If there are 2 remote displays, connect the Y-cable that is connected to the remote displays (3) to the Auxiliary port on the main display; see **Figure 4**.

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6. Route the cables in such a way to ensure they are not in contact with any moving parts, see [Figure 5](#).
 - a. **Note:** For units built prior to 2025, an additional service kit is available to re-locate the scale head to either the left or right hand side rails of the platform. Contact Highline Parts/Service Department for additional information.
7. Secure the cables as necessary with cable ties.

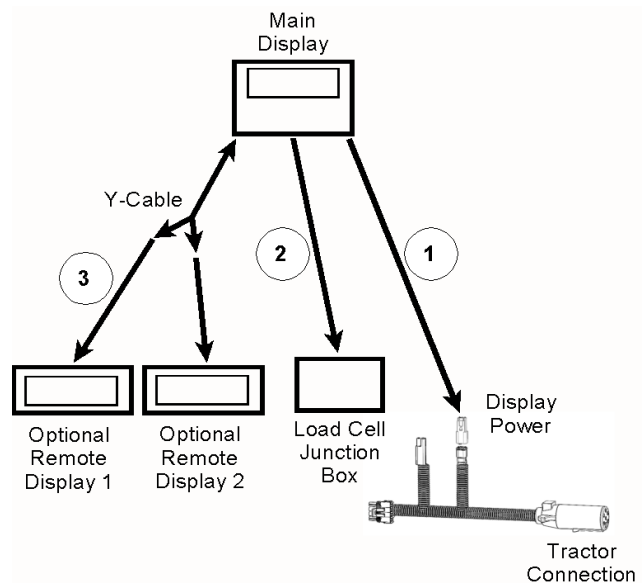


Figure 4: Connection Arrangement with 2 Remote Displays

- ## Device Setup and Calibration
1. Refer to the Scale-Tec POINT® Quick Start Guide for setup instructions.

Note: The mobile app can be downloaded from the Google Play or Apple App Stores.

 - a. Additional information can be found on the Scale-Tec website.
 2. Once the Scale-Tec POINT® device is setup on the mobile app, ensure that the calibration number is set appropriately.
 - a. Under the device settings, click on the 'Calibrate' menu.
 - b. Ensure that the 'Cal Number' is set to **39,600**, as a starting point.
 - i. If this is not set, manually input this value into the 'Set Cal Number' box and click 'Set Cal Number'.

Note: The most accurate method to calibrate the scale head is to use a known weight.



Figure 5: Route the cables
(Front center mounting location shown)

Note: The scale head mount arm may look different than what is pictured depending on the model year of the unit.