

11/17/2015

2015

BELT-WAY FIRMWARE UPGRADE INSTRUCTIONS

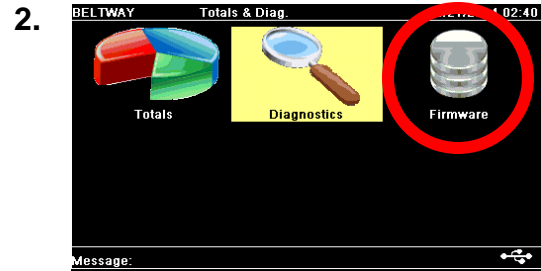
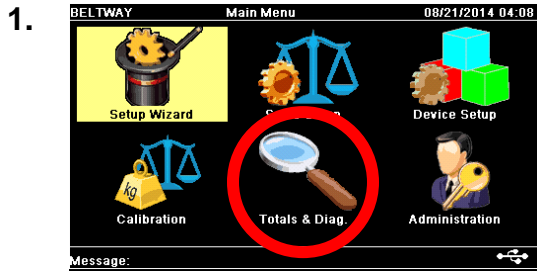


Belt-Way Firmware Upgrade Instructions

1. Confirm Current Firmware Version

Navigate to Totals & Diag. If there is a Firmware menu item, then the current version is 01.69 or greater and can be directly upgraded to the latest version.

If there is no Firmware choice, the version is below 01.69. THE UPDATE SEQUENCE MUST BE REPEATED TWO TIMES! The firmware must be upgraded to interim version 02.01 FIRST, then to the latest version SECOND! A scale running version 1.xx, 2.xx, or 3.xx CANNOT be upgraded to version 4.xx!



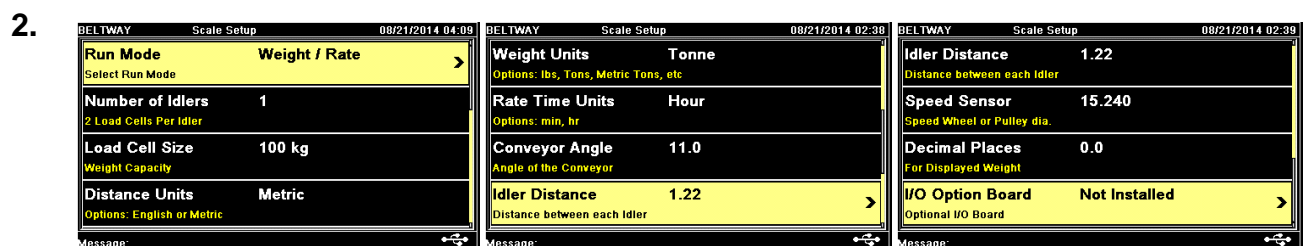
2. Copy File to USB Flash Drive

Belt-Way will email a hex file that must be downloaded to the integrator. The file is named **Beltway_Integrator_XXXX.hex**, where **XXXX** is the actual update version. Copy the file from the email to a USB flash drive. Insert the drive into the USB drive on the integrator door as shown to the right:



3. Record Scale Setup Values

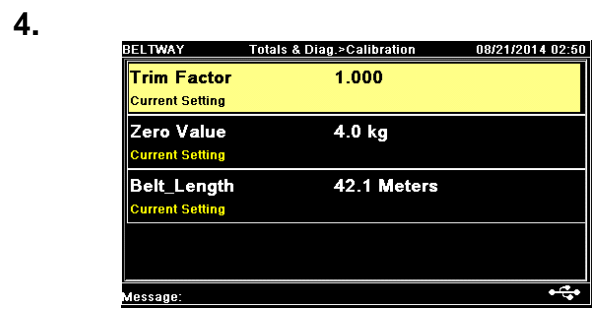
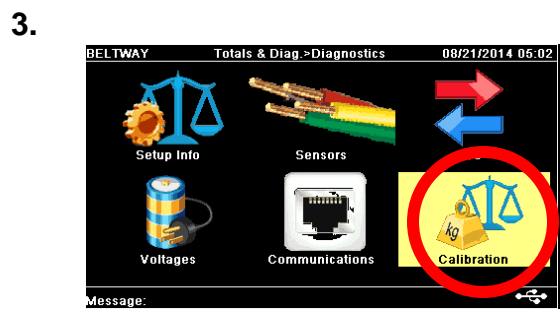
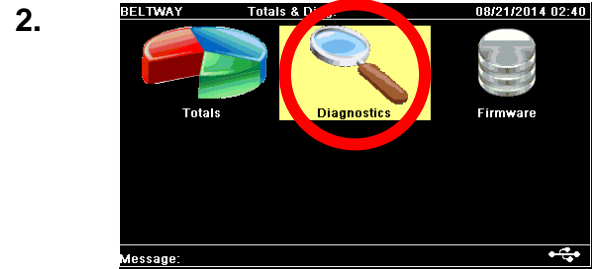
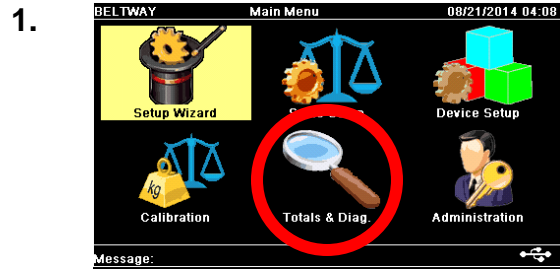
Navigate to the Scale Setup Screen. Record all values to be entered after firmware update.



Belt-Way Firmware Upgrade Instructions

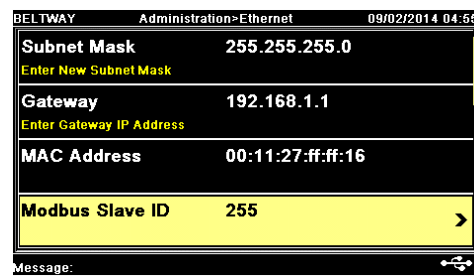
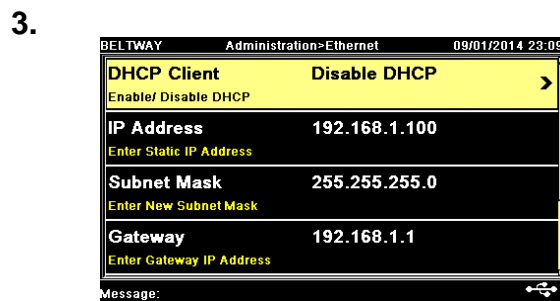
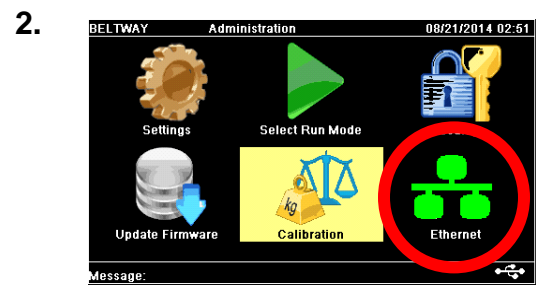
4. Record Calibration Values

Navigate to the Totals & Diag Screen. Choose Diagnostics then Calibration. Record the Trim Factor, Zero Value, and Belt Length to be entered after the firmware update.



5. Record Ethernet Values (if connected to Ethernet port)

Navigate to Administration. Choose Ethernet. Record IP address and Slave ID values.



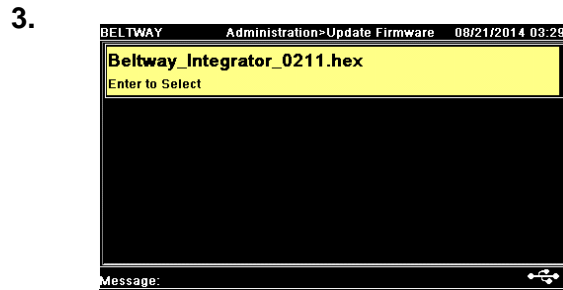
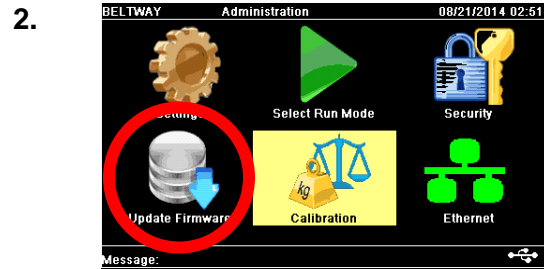
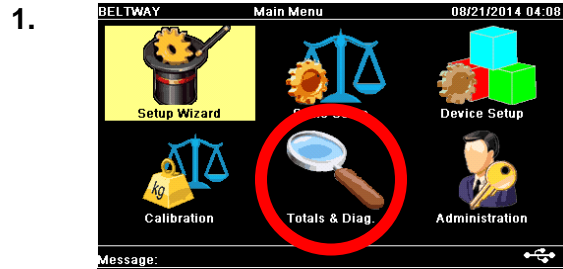
Belt-Way Firmware Upgrade Instructions

6. Download Firmware Update.

Navigate to the Administration Screen. Choose Update Firmware.

Follow the instructions and choose the correct **Beltway_Integrator** hex file and press Enter.

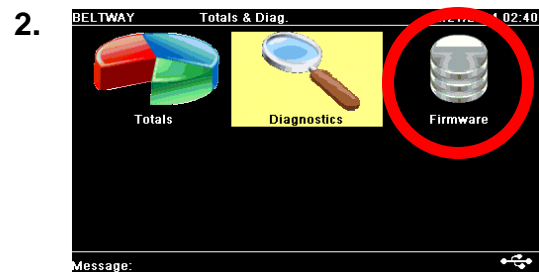
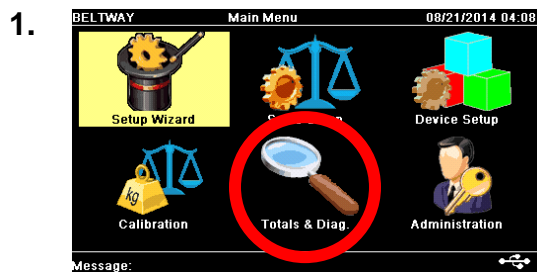
The update will take several minutes. The screen will turn white for a short period of time and then return to the main screen.



Note: The actual version will be different from the **Beltway_Integrator_0211.hex shown in the picture.**

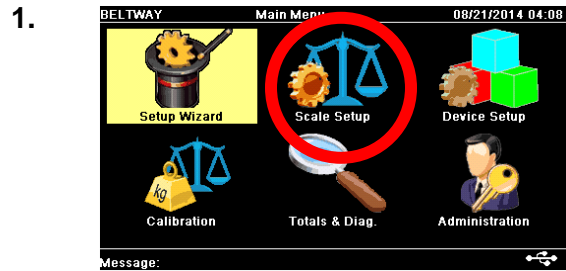
7. Confirm Update

Navigate to Totals & Diag and choose Firmware to confirm the update was successful.

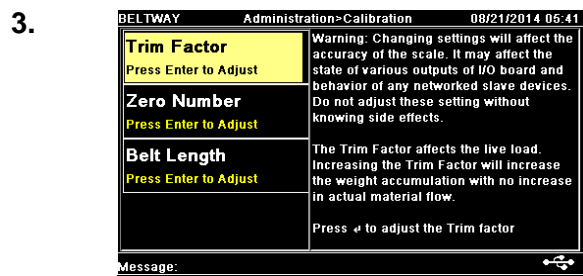
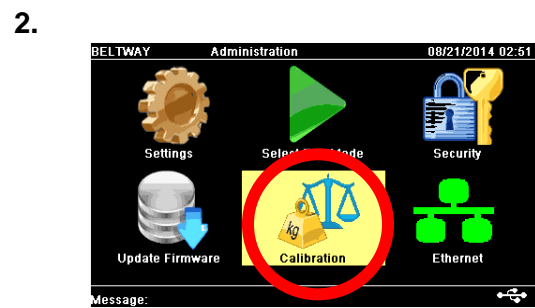
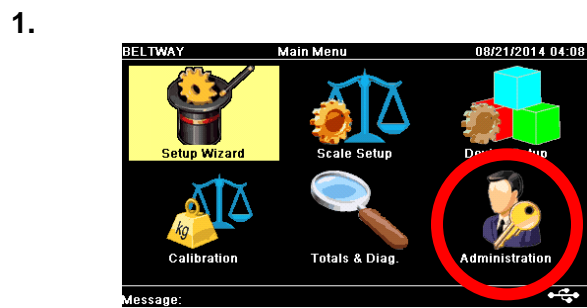


8. Manually Enter Previous Values.

It is possible that no values changed during the update process. Navigate to Scale Setup and enter the previously recorded values if need be.



Navigate to Administration and choose Calibration. Enter the Trim Factor, Zero and Length.



Proceed with normal scale operations after values are saved.

Contact Belt-Way with questions regarding the update process.

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