



Scale SOP – How to Configure an Avery Weigh-Tronix 640


Purpose: Configure an Avery Weigh-Tronix 640 grain cart scale to properly broadcast information for Bluetooth compatibility in the Harvest module.

Who: Implementation Specialist


Needed: An Avery Weigh-Tronix 640 grain cart scale installed, tested and working; an Android tablet or phone using Android version 2.2 or higher; a Conservis Bluetooth dongle (adapter?) for each Avery Weigh-Tronix (8N1)




Procedure:

1. Connect the Conservis Bluetooth dongle (adapter?) to COM port 1 on the bottom of the scale indicator.
2. Power on the scale indicator by pressing the **On/Off**  button.
The Hello message appears while the scale powers up.




3. To gain access to the advanced menu options, press and hold the **Hold/Menu**  button until you hear 4 beeps.
The SETPAS message appears.



4. Press the **RM**  button several times until you see the number 6 on the LCD screen and then press the **Hold/Menu** button.



5. Press the **RM** button several times until you see the number 4 on the LCD screen and then press the **Hold/Menu** button.
6. Press the **RM** button several times until you see the number 0 on the LCD screen and then press the **Print/Select**  button.
You are now in the Advanced User Menu.
7. Press the **Print/Select** button once.
The CONFIG message appears.



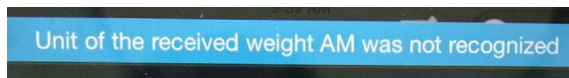
8. Press the **Print/Select** button to enter the **Configuration Code Number (CCN)**.

Note: Make a note of the number here in case it needs to be reconfigured. The first three digits are related to calibration (ignore them). The fourth digit is the **Print Format** and needs to be a **9**. The last digit can be ignored.



9. If the **Print Format** needs to be reconfigured, enter in the same first 3 digits followed by a **9 – 0** and press **Print/Select** the same way 640 was entered for the password.
10. Press **Print/Select** to accept.
The CONFIG message appears.
11. Press **Hold/Menu** to advance to **Clock** and then press **Print/Select**.
12. Press **Hold/Menu** to set the clock to **24 hours**.
13. Press **Print/Select** to save.

Note: If the clock is not properly set you may receive the following error message:



14. Press **Hold/Menu** 11 times to continue.
The following message appears:



15. Press **Print/Select** to enter this sub-menu.
16. At **Baud**, press **Print/Select** and confirm it is set to **9600**.



- 17. Press **Hold/Menu** to advance to **Parity**.
- 18. Press **Print/Select** and confirm it is set to **None**.
- 19. Press **Hold/Menu** to advance to **Data**.
- 20. Press **Print/Select** and confirm it is set to **8**.
- 21. Press **Hold/Menu** to advance to **Hand**.
- 22. Press **Print/Select** and confirm it is set to **None**.
- 23. Press **Hold/Menu** to advance to **Layout**.
- 24. Press **Print/Select** and confirm it is set to **Brdcst**.
- 25. Press **Hold/Menu** to advance to **Auto**.
- 26. Press **Print/Select** and confirm it is set to **Off**.
- 27. Press **Hold/Menu** to advance to **Enqr**.
- 28. Press **Print/Select** and confirm it is set to **5**.

*Note: If any of the RS232 options need to be configured, press **Print/Select** to scroll through the settings for each option until they are set to the appropriate values. Press **Print/Select** to save and continue.*

29. When all the **RS232** options are configured, press **G/N** three times.

Note: The scale will have a busy message for a few seconds and will then return to the main menu and reboot with the newly configured settings.

Scale Configuration Settings

SETPAS	640
CONFIG	9

RS232 Settings

BAUD	9600
PARITY	NONE
DATA	8
HAND	NONE



LAYOUT	BRDCST
AUTO	OFF
ENQR	5

RS232 Menu

Figure 3.13 shows the RS232 Menu

