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PPIII Integration Instructions
MY 2012–2017 AGCO Rogator B-Series

Note: prior to performing any setup on the machine, perform the factory reset procedure.

Tap the Settings icon and select Initial Setup > Configuration > Factory Reset > Yes.

Below is an example of the PinPoint™ III home screen.

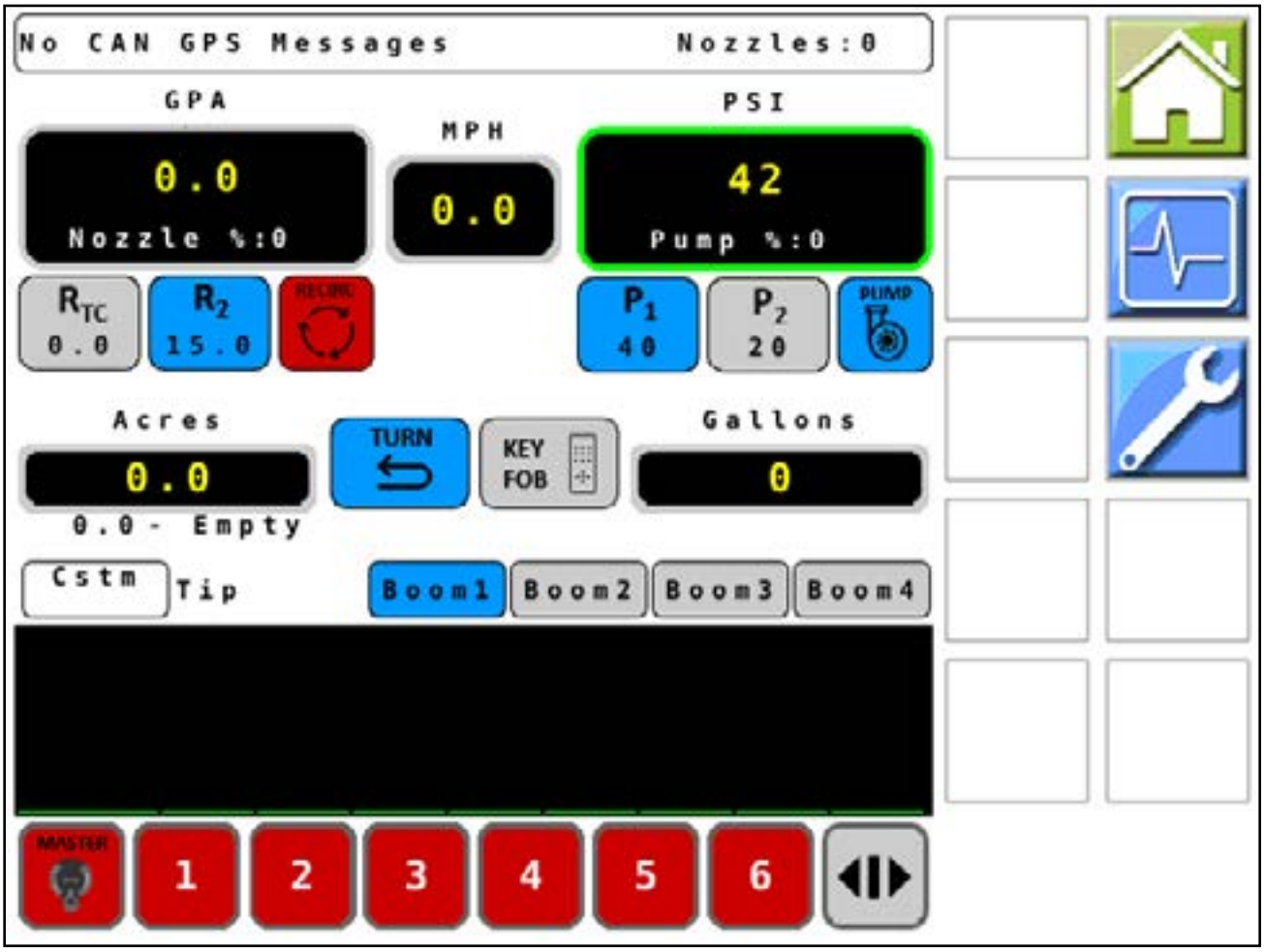

Figure 1: PinPoint™ III Home Screen

Menu Setup

1. Figure 1 Select the CapstanAG PinPoint™ III icon from the program icons on the left side of the task controller screen. This icon may be located in slightly different places depending on the task controller.

   Note: ANYTIME you change settings, you MUST tap the Settings icon to go into the Settings menu and select Initial Setup > Configurations > Software Restart to save settings. If the unit is turned off or loses battery power before this is done, the new settings will not be saved. Refer to Figure 6 for the location of this function.

2. The boom configuration can be selected from the saved configurations at the bottom of the screen. To edit these configurations and set up other features of the PinPoint™ III software, tap the Settings icon at the right side of the screen.

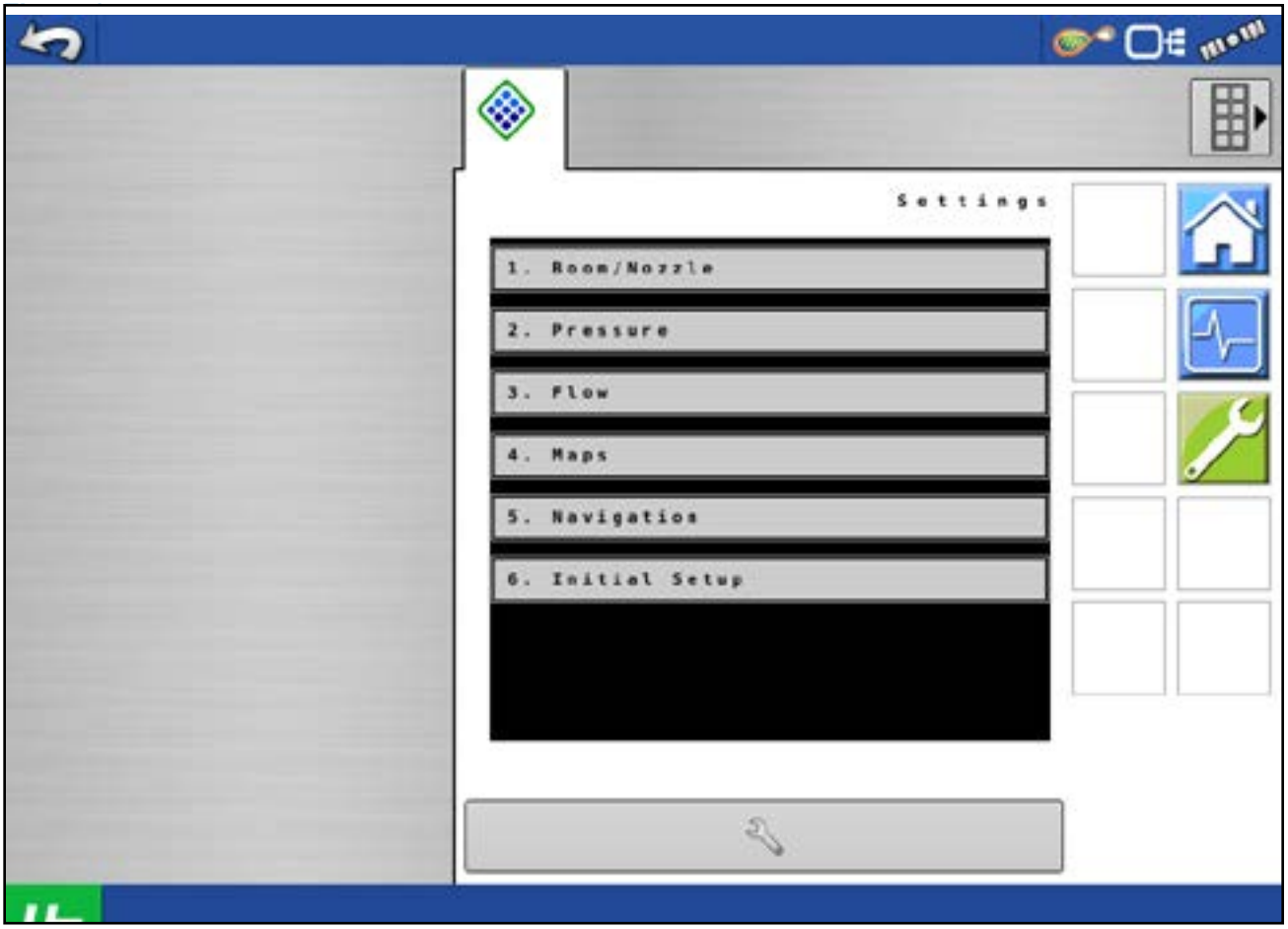

Figure 2: Settings Menu

3. Select **Initial Setup** > **VCM Setup** > **Geometry Setup**.

   Note: Complete this step BEFORE performing any other boom setup.

4. Figure 3 VCMs must be in the correct order and orientation on the boom. If there is only one VCM connected to a hub CAN channel, use the **Swap Ends** icon with that VCM highlighted to orient the VCM correctly on the boom. VCMs can be mounted with the tube towards the center of the machine (green dot) and the pigtail running towards the outside tip, or vice versa.

   If two VCMs are located on the same hub CAN channel, first use the **Swap VCM** icon with these VCMs highlighted to orient them correctly left to right, and then make sure the orientation (swap ends) is correct.

5. Use the Left and Right Scroll icons to scroll through all the VCMs installed on the machine. Verify each of their locations and serial numbers. When the orientation and position of VCMs is correct, all the VCMs will show in order left to right on the screen exactly as they do across the boom on the machine.

6. Verify the order and orientation of the VCMs using the unit key fob or Capstan app.

   Note: This MUST be done before continuing any further with setup. Failure to verify the VCM orientation will result in incorrect automatic nozzle shutoff.

   Note: The CapstanAG Mobile App can be used with the system in key fob mode for this test procedure.

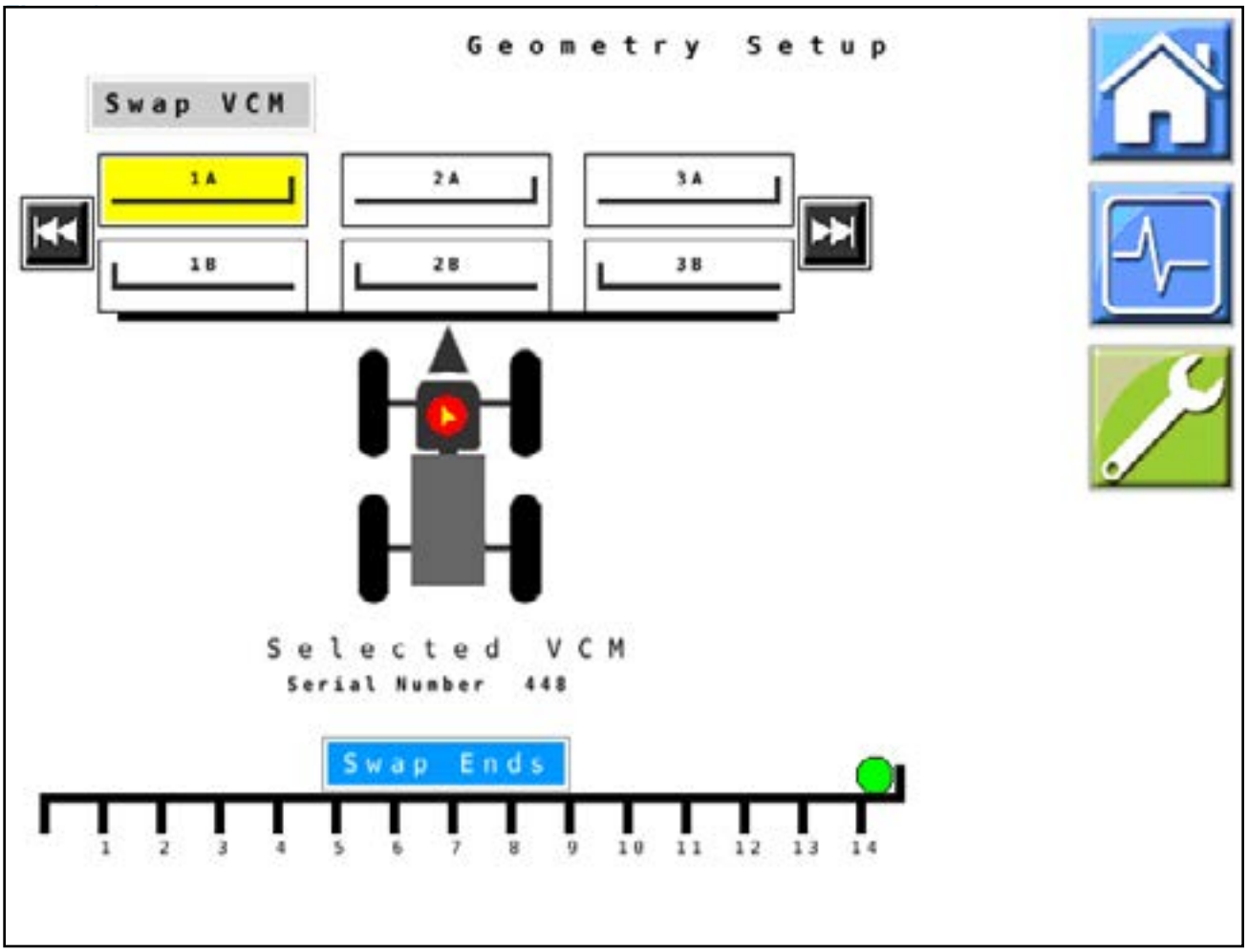

Figure 3: Geometry Setup

7. Figure 4 Tap the **Home** icon to return to the home screen.

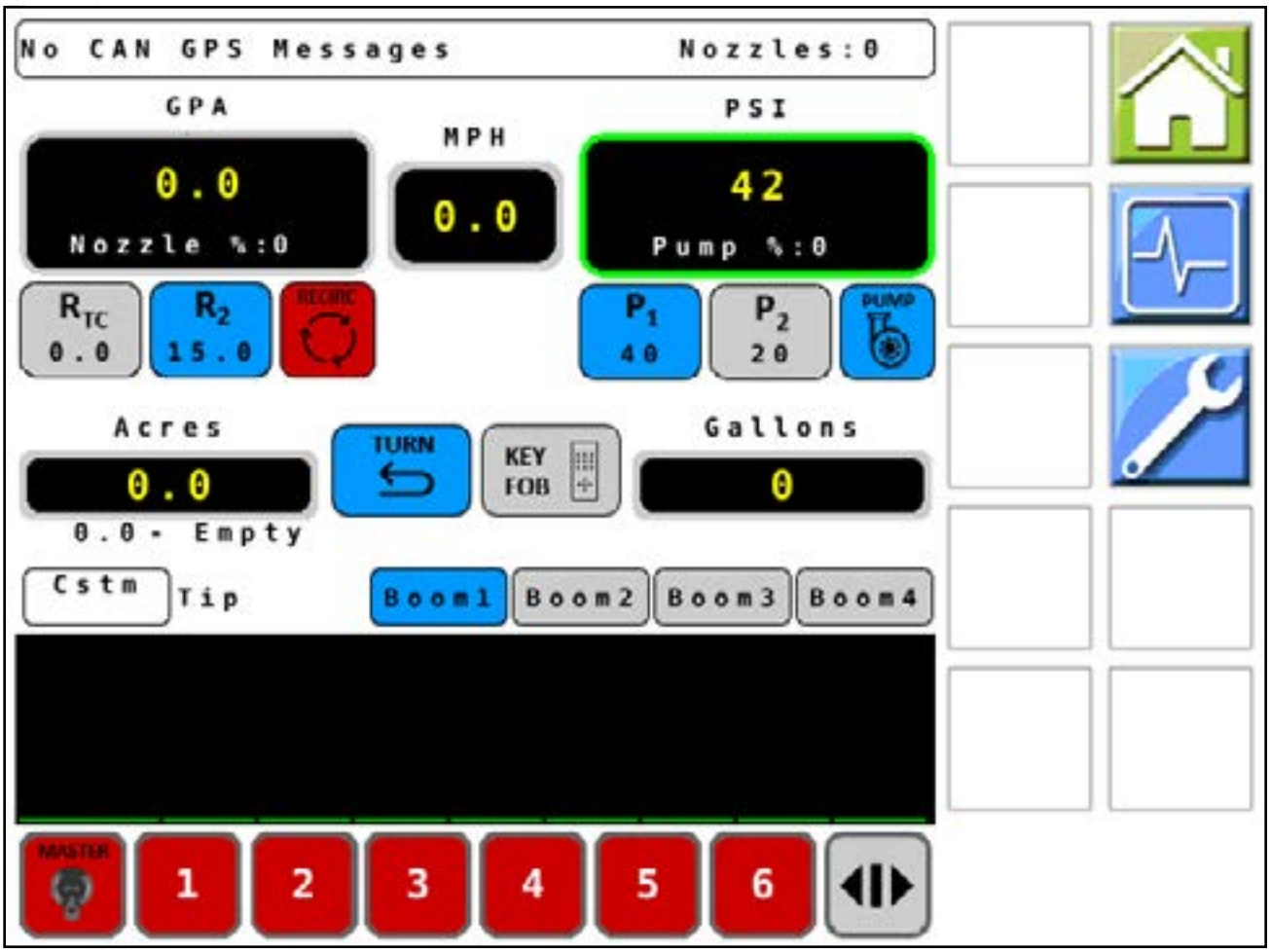

Figure 4: Key Fob Verification

8. Tap the **Key Fob** icon to set key fob mode to **ON**.
9. Locate the key fob remote control or use the Capstan app. Using the right arrow key on the key fob or the app, turn on each of the nozzles one at a time across the boom. If the VCM orientation and position is correct, the nozzles will turn on in order left to right across the boom. If the nozzles do not turn on in the correct order, navigate back to the Geometry Setup screen and correct any errors.
10. Tap the Settings icon and select Initial Setup > Configuration.

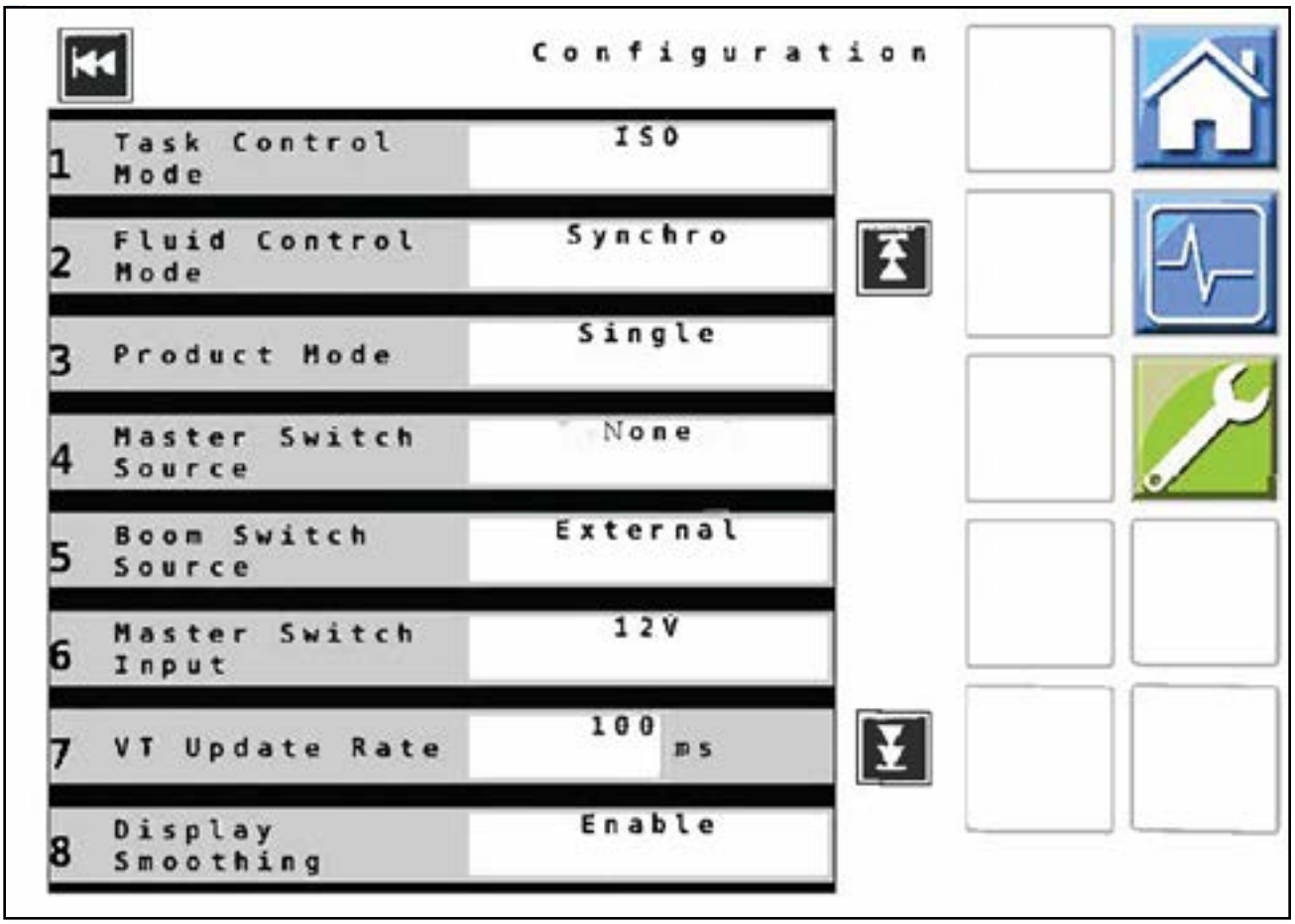

Figure 5: Configurations Page 1

11. Figure 5 Verify that all values displayed on your unit match those shown here. Change values if necessary.

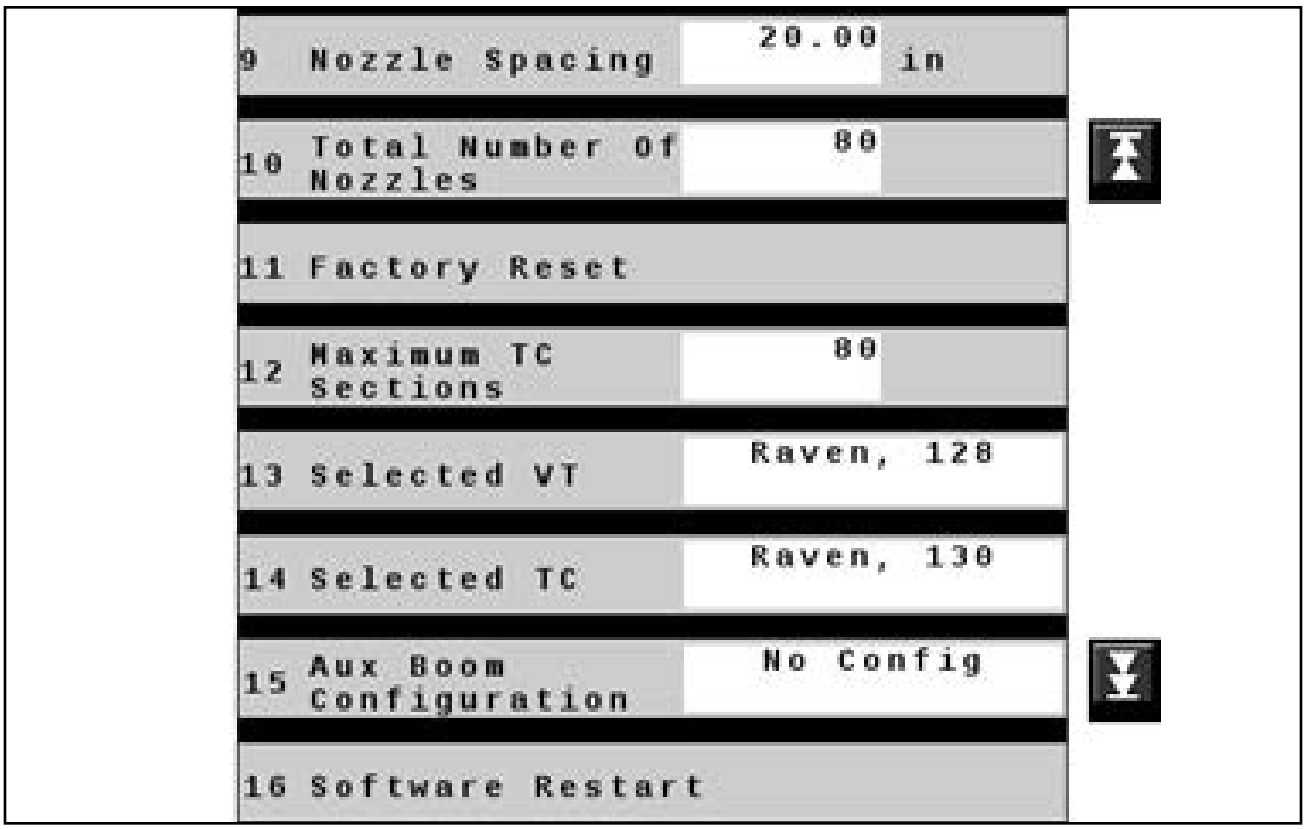

Figure 6: Configurations Page 2

12. Figure 6 and Figure 7 Use the Scroll Down icon to view the second and third pages and verify the values on your unit correctly match your machine's specifications. Change values if necessary.

Note: Line 16 is the Software Restart function used to save settings after editing. If the unit is turned off or loses battery power before this is done, the new settings will not be saved.

Note: The Maximum TC Sections field must be greater than or equal to the number of nozzles on the boom, with the exception of rate controllers which will not accept as many nozzles. For example, the Case Pro 700 only accepts 32 sections.

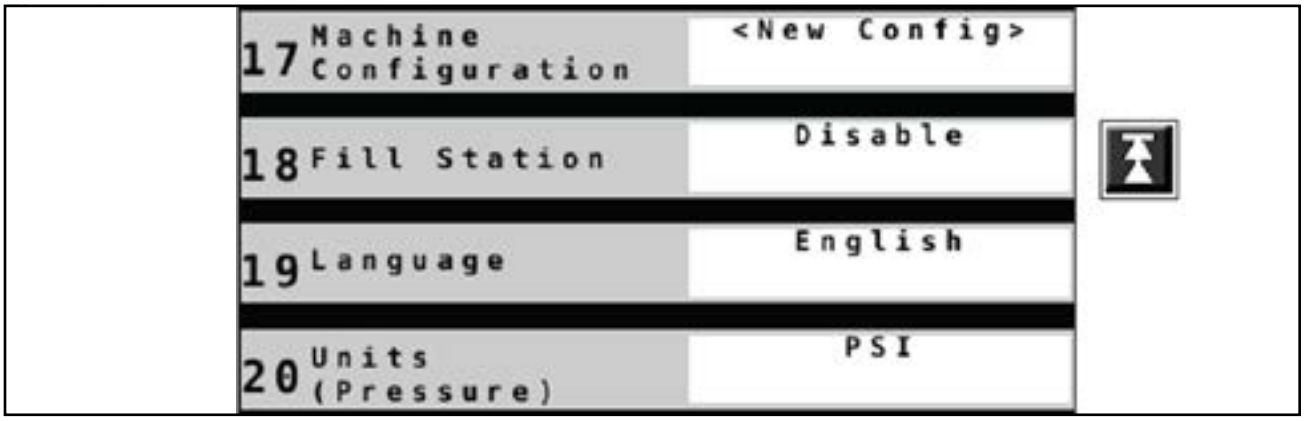

Figure 7: Configurations Page 3

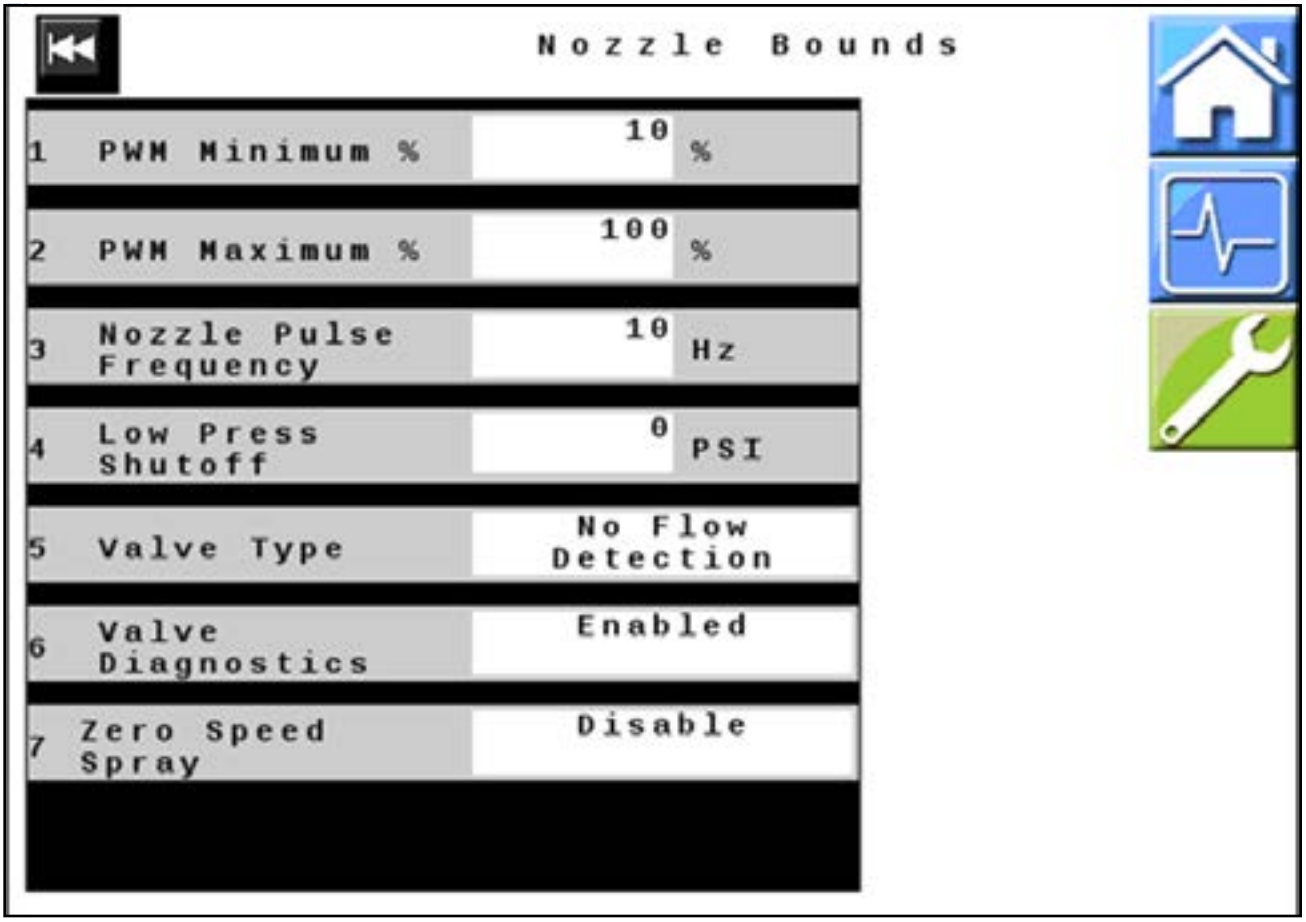

Figure 8: Nozzle Bounds

13. Tap the Back icon twice to return to the Settings menu. Select Boom/Nozzle > Nozzle Bounds.

14. Figure 8 The information in the fields on this screen is machine specific, verify that it is correct for your machine, and change any settings if necessary.

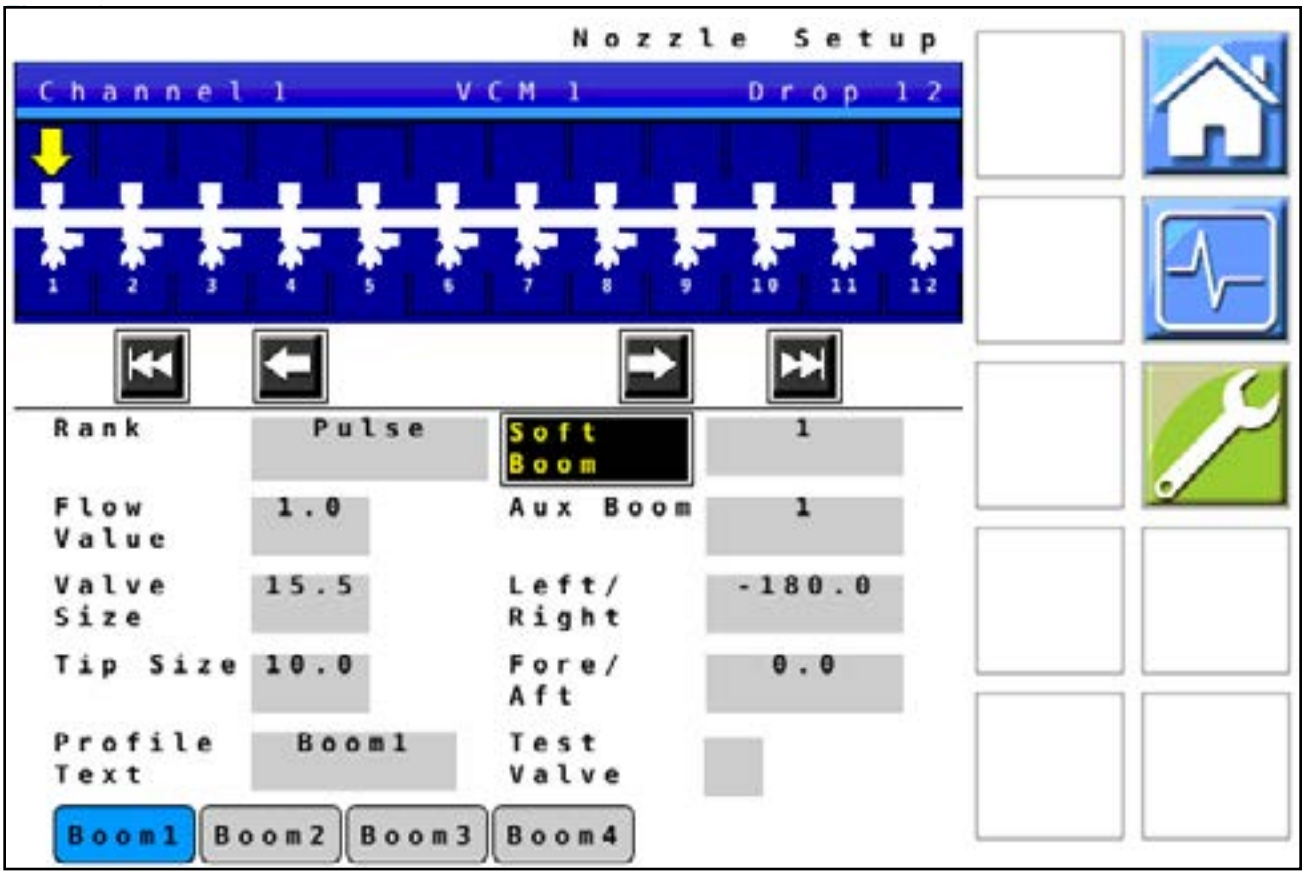

Figure 9: Nozzle Setup

15. Tap the Back icon to return to the Boom/Nozzle menu. Select Nozzle Setup.

16. Figure 10 Use the Nozzle Setup screen to set up and name custom boom profiles.

Note: Valve size value may be either 15.5 (for 7-watt valves with black heat shrink tubing) or 24 (for 12-watt valves with blue heat shrink tubing). Verify which valves your unit is equipped with.

17. Select the Soft Boom icon to configure the soft boom setup for each profile. Refer to the tables on pages 23 through 26 of these instructions for the correct soft boom configuration for your machine.

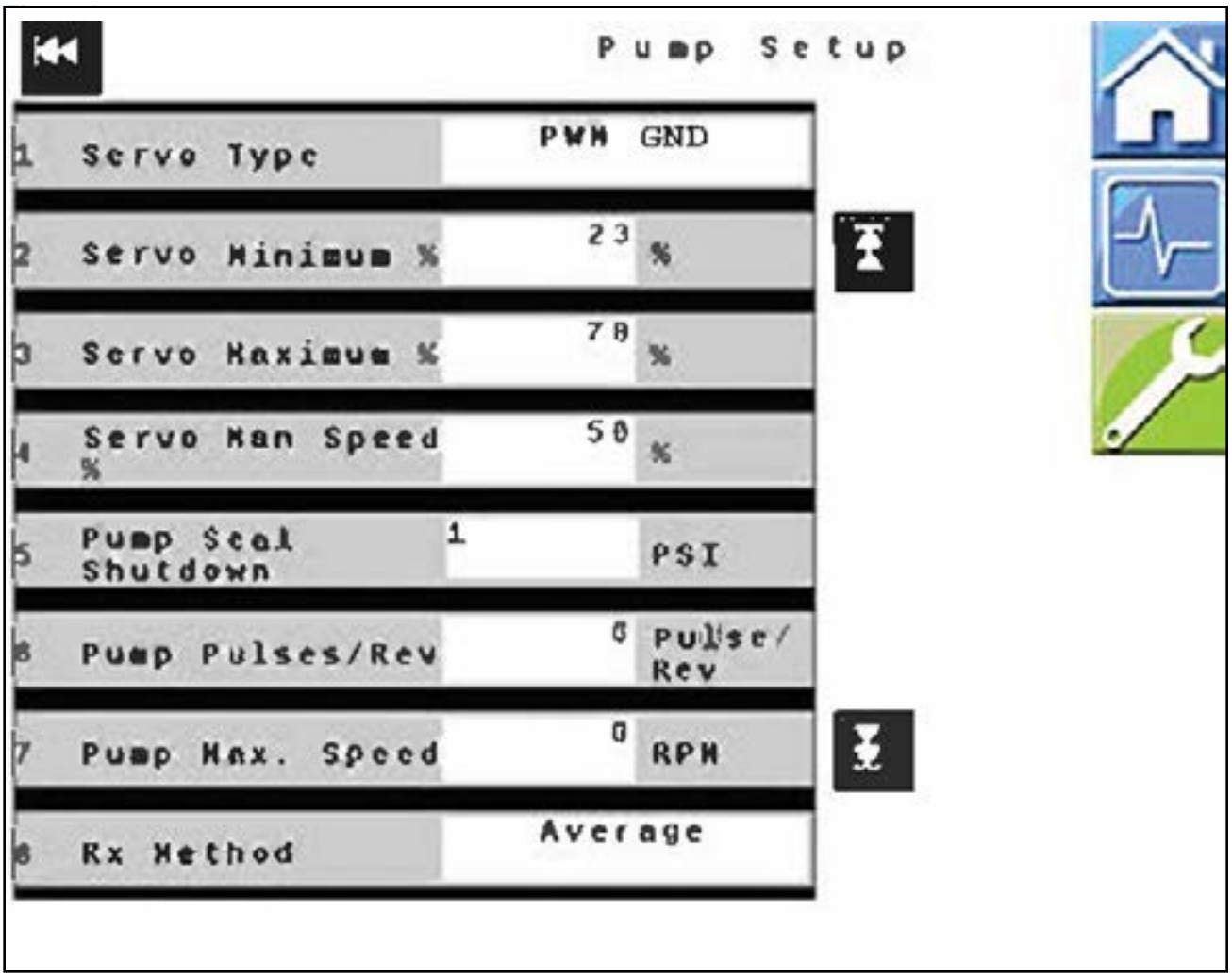

Figure 10: Pump Setup Page 1

18. Tap the **Back** icon twice to return to the **Settings** menu. Select **Pressure** > **Pump Setup**.
19. Figure 10 Verify that all values displayed on your unit match those shown here. Change values if necessary.

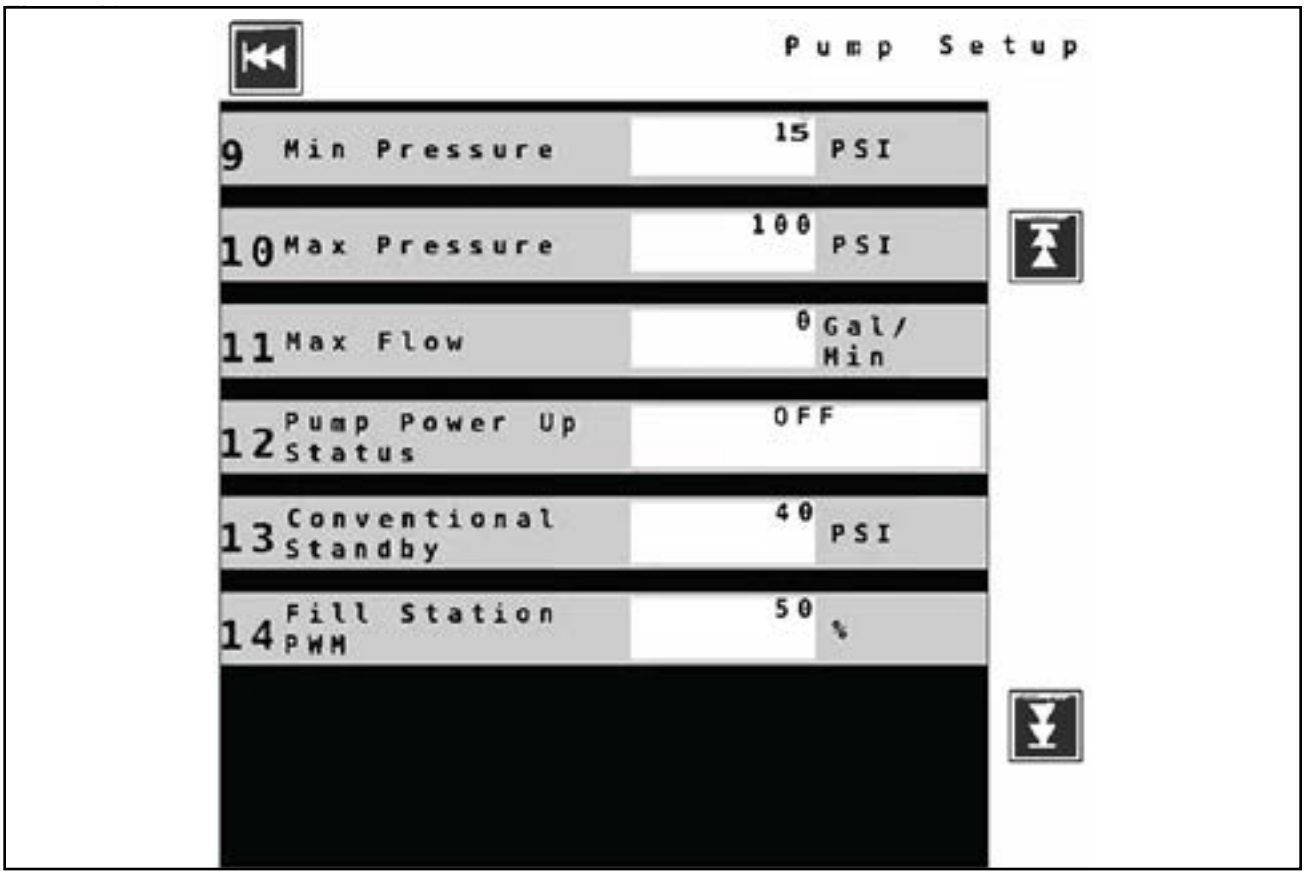

Figure 11: Pump Setup Page 2

20. Figure 12 Use the **Scroll Down** icon to view the second page and verify the values there as well.

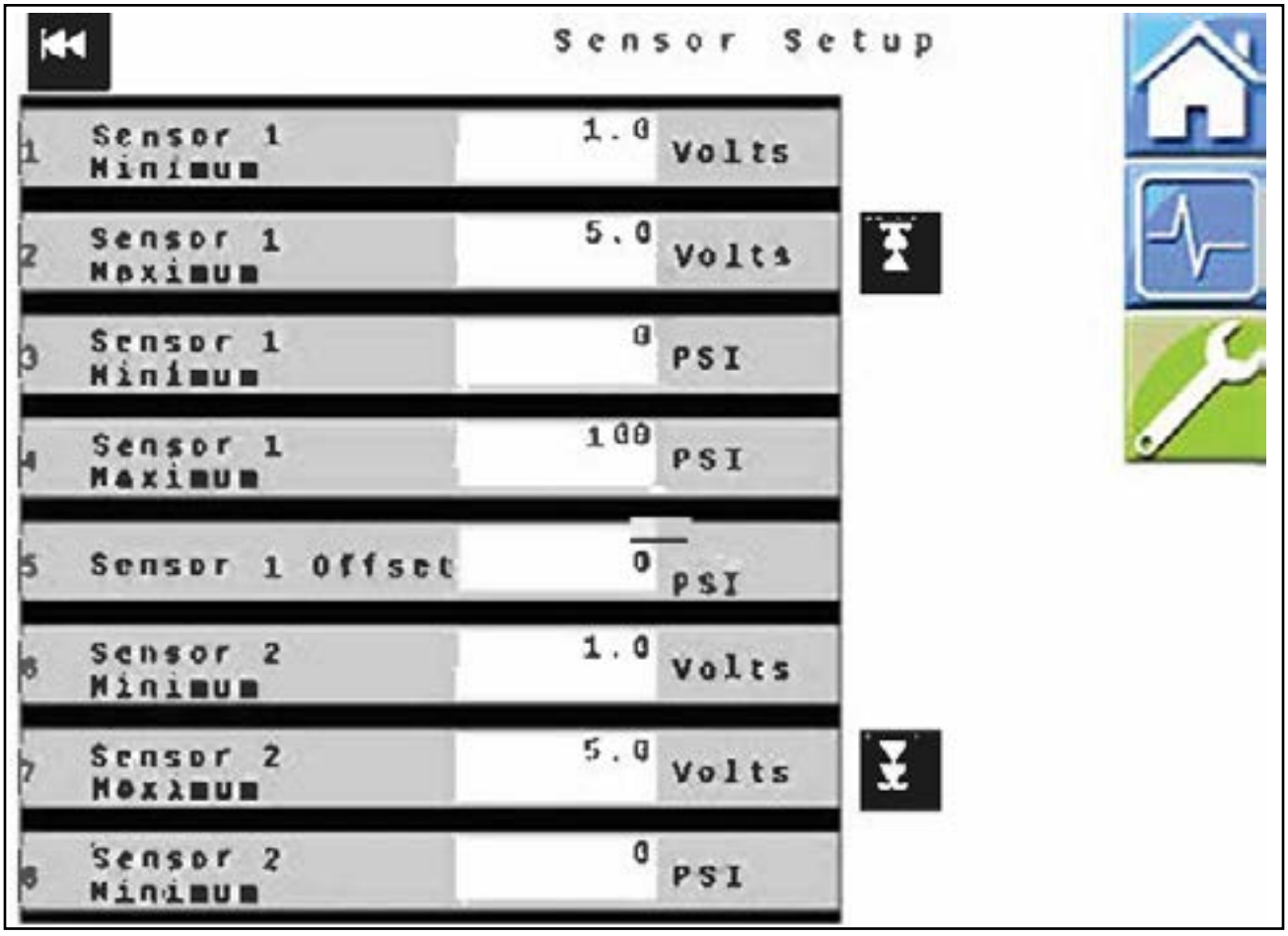

Figure 12: Sensor Setup Page 1

21. Tap the **Back** icon to return to the **Pressures** menu. Select **Sensor Setup**.
22. Figure 12 Verify that all values displayed on your unit match those shown here. Change values if necessary.
23. Figure 13 Use the **Scroll Down** icon to view the second page and verify the values there as well.

Figure 13: Sensor Setup Page 2

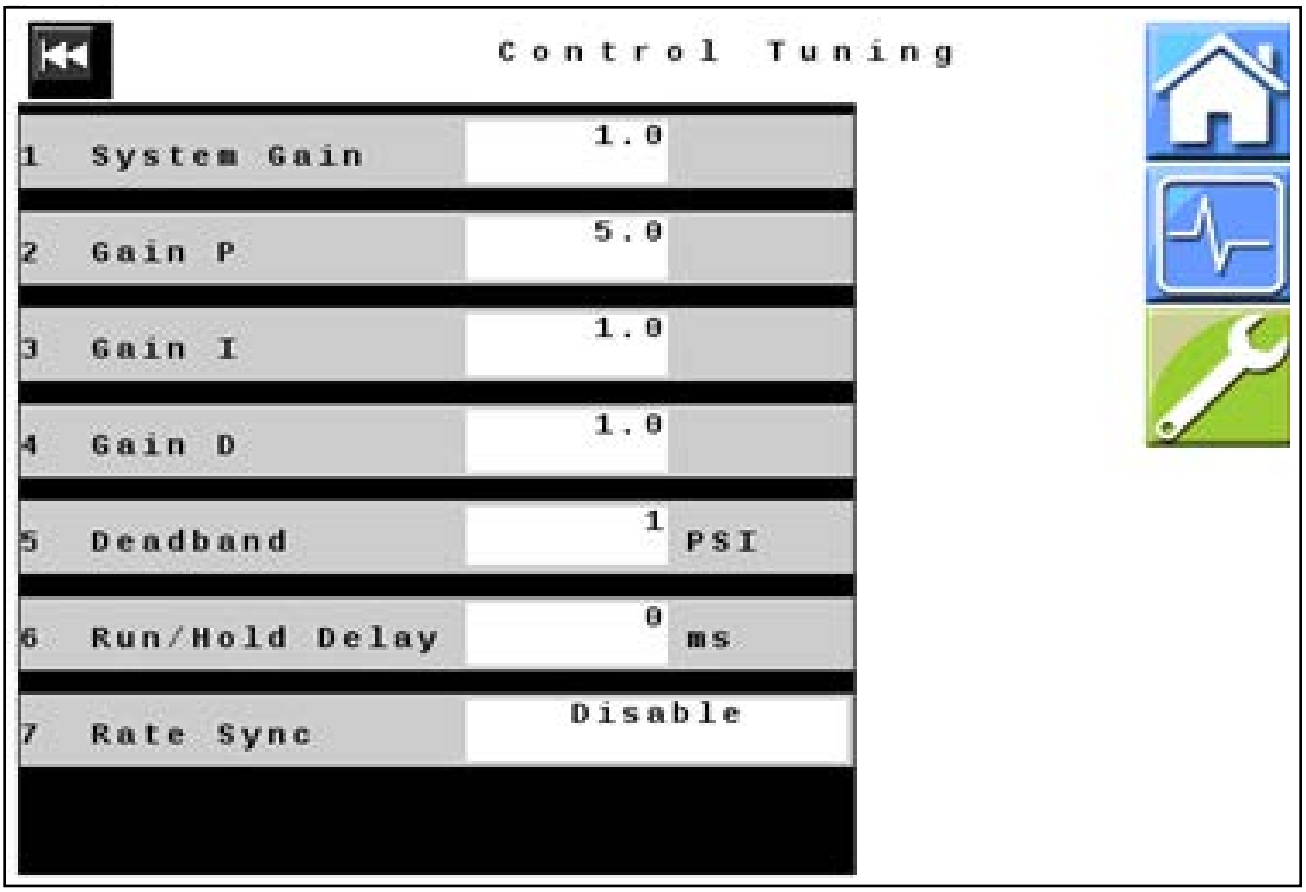

Figure 14: Control Tuning

24. Tap the **Back** icon to return to the **Pressures** menu. Select **Control Tuning**.

25. Figure 14 Verify that all values displayed on your unit match those shown here. Change values if necessary.

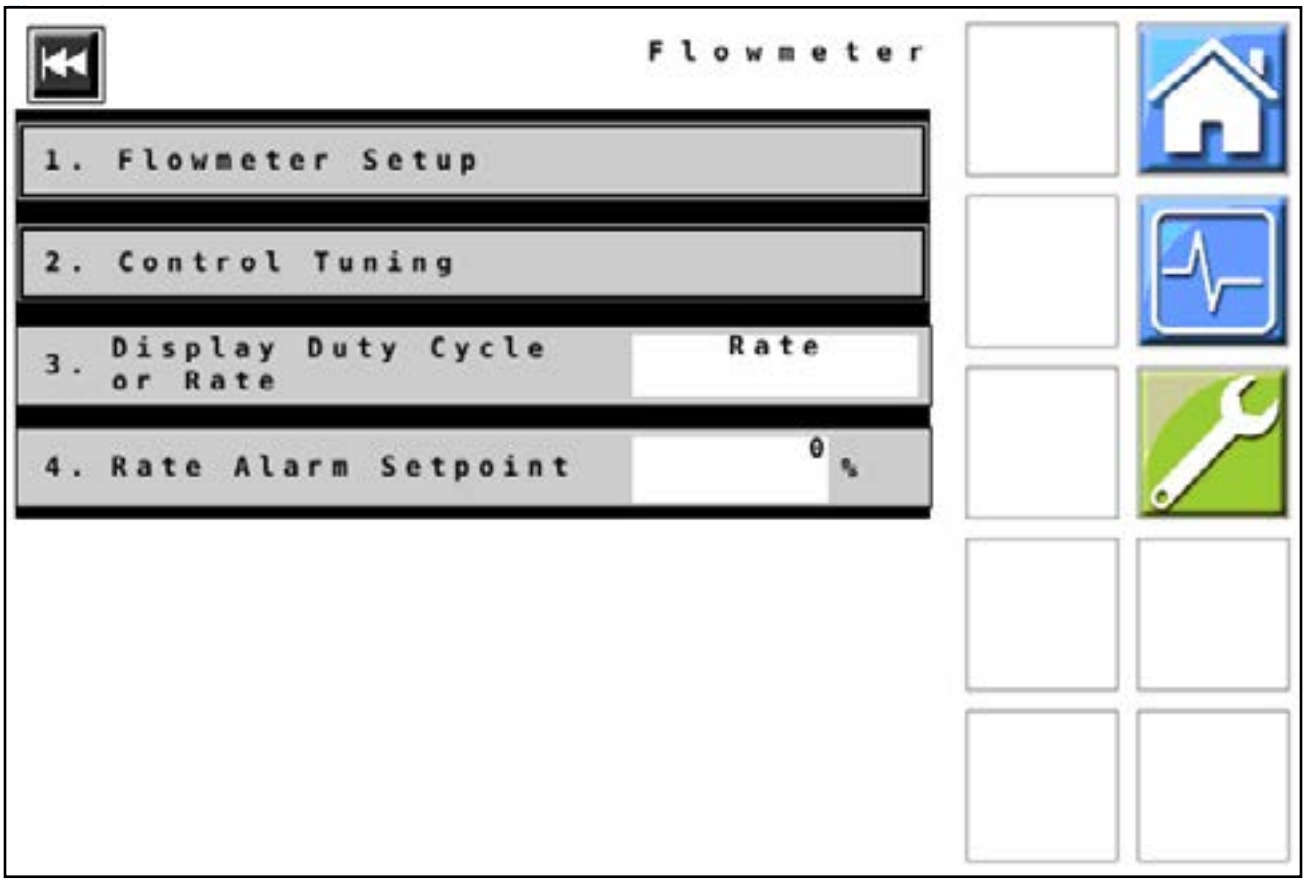

Figure 15: Flowmeter

26. Tap the **Back** icon twice to return to the Settings menu. Select **Flow** > **Flowmeter Setup**.

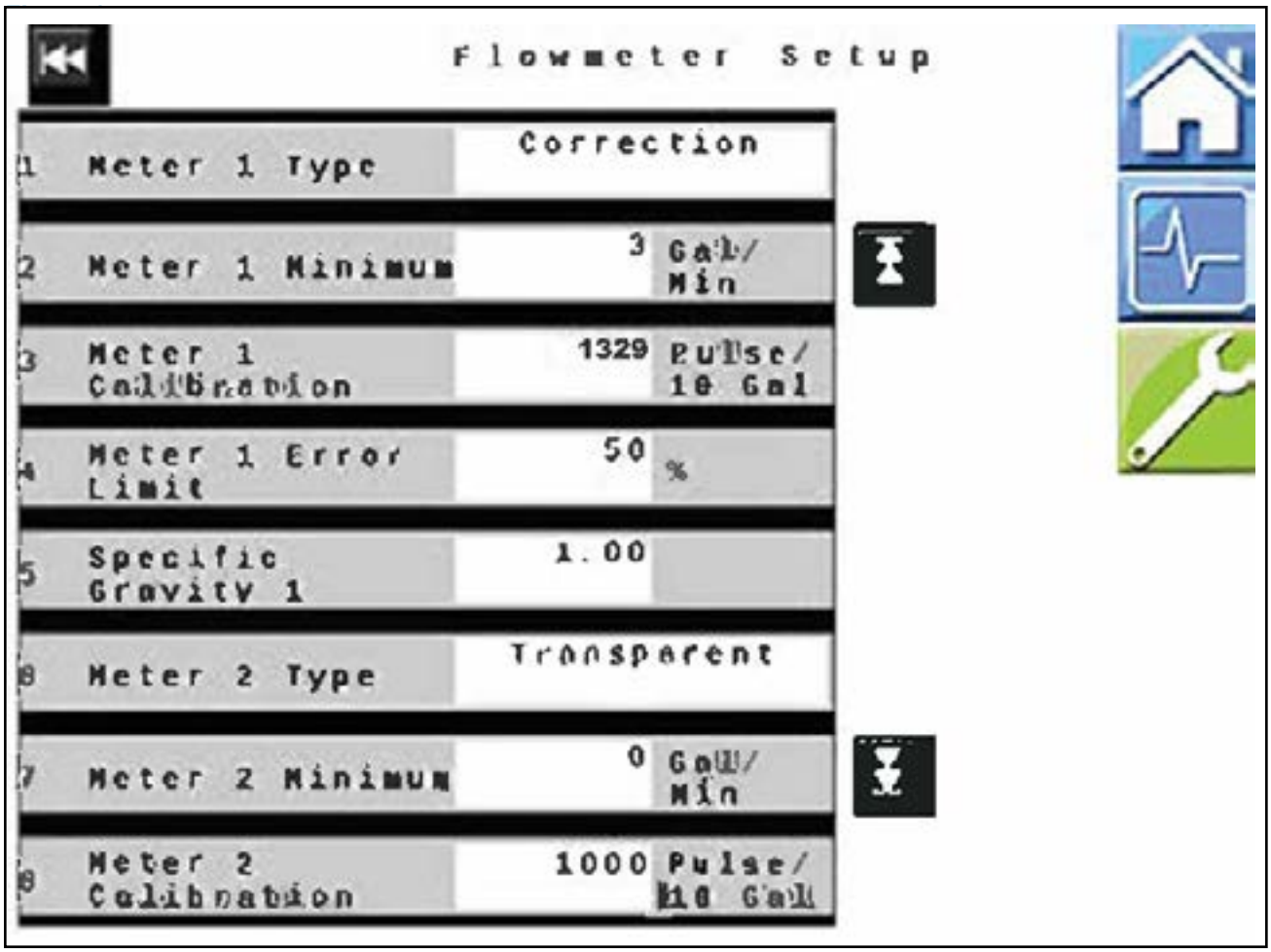

Figure 16: Flowmeter Setup Page 1

27. Figure 16 Verify that all values displayed on your unit match those shown here. Change values if necessary.

Note: tapping the **Display Duty Cycle** or **Rate** icons will change which value is displayed on the Home Screen.

28. Figure 16 The information in the fields on these pages are machine specific, verify that it is correct for your machine, and change any settings if necessary.

Note: Obtain the **Meter 1 Calibration** value from flowmeter tag. If machine is equipped with a fill-station flowmeter, obtain **Meter 2 Calibration** value also.

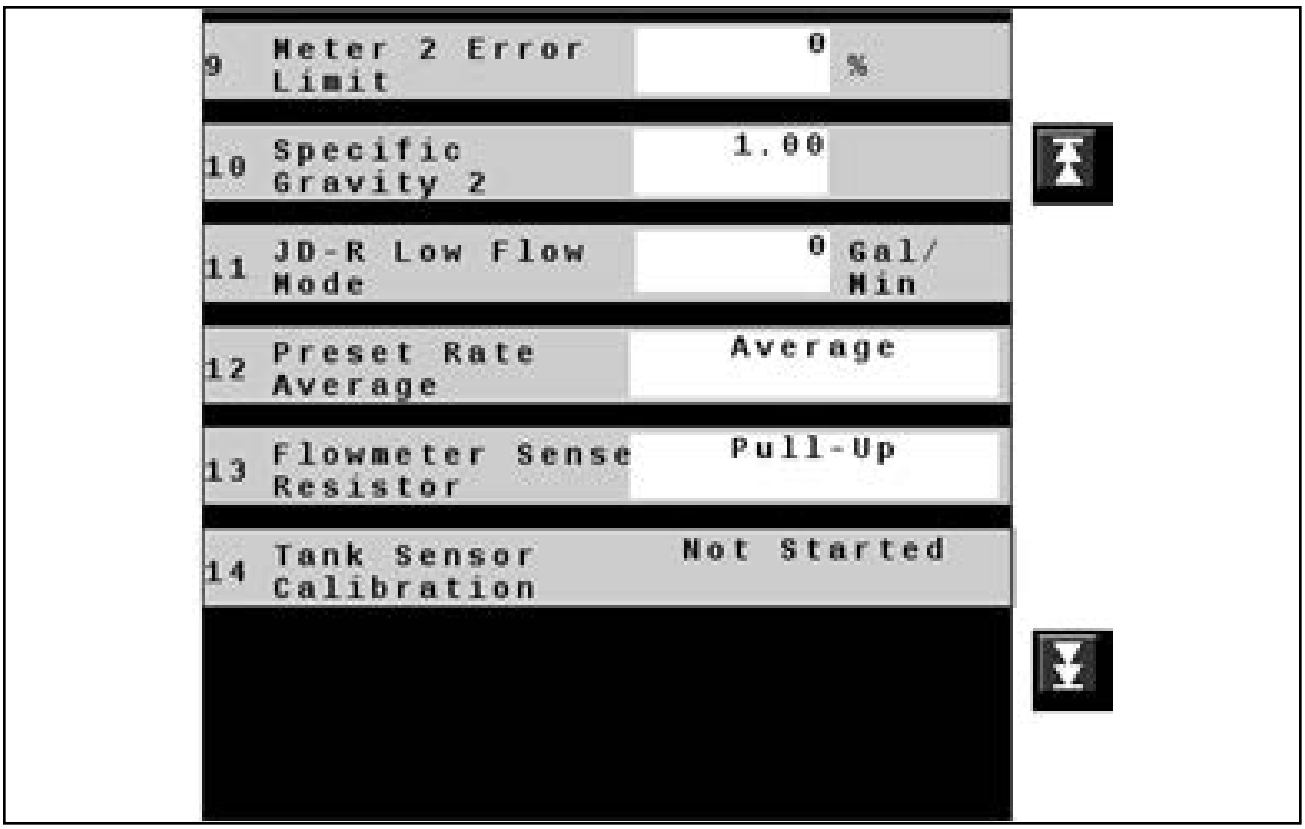

Figure 17: Flowmeter Setup Page 2

29. Figure 17 Use the **Scroll Down** icon to view the second page and verify the values there as well.

30. Tap the **Back** icon to return to the **Flow** menu. Select **Control Tuning**.

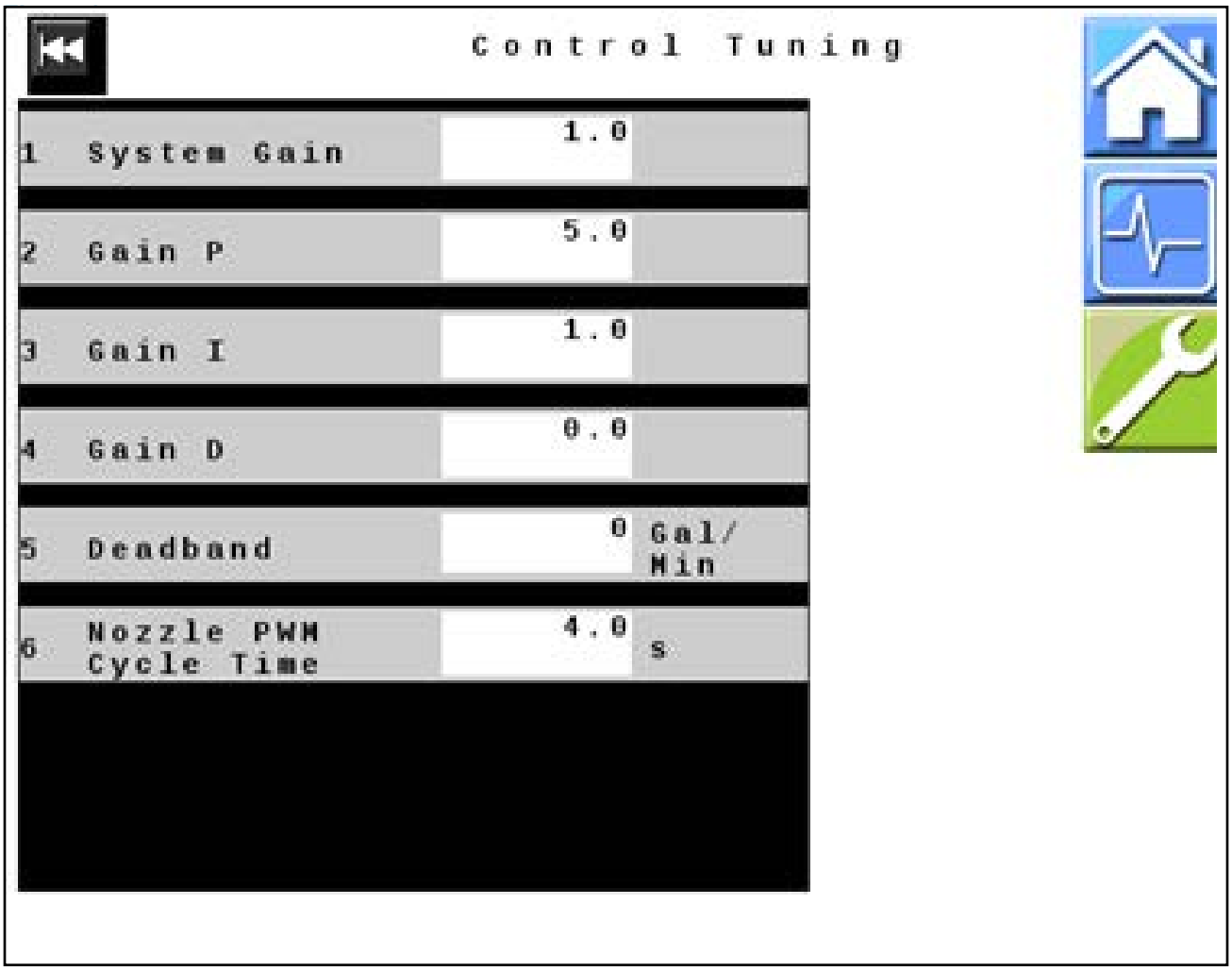

Figure 18: Control Tuning

31. Figure 18 Verify that all values displayed on your unit match those shown here. Change values if necessary.

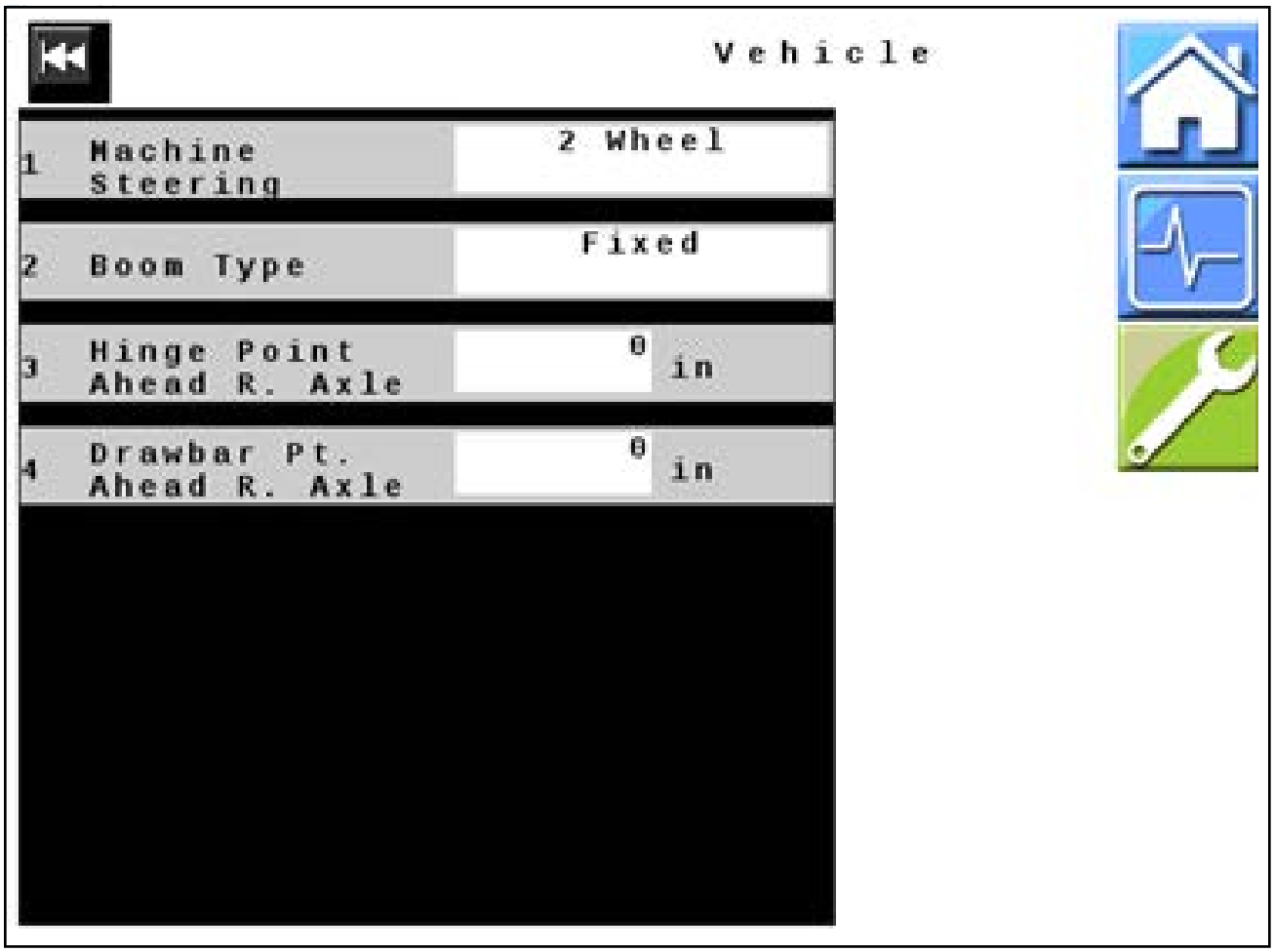

Figure 19: Vehicle

32. Tap the **Back** icon twice to return to the **Settings** menu. Select **Navigation** > **Vehicle**.

33. Figure 19 Verify that all values displayed on your unit match those shown here. Change values if necessary.

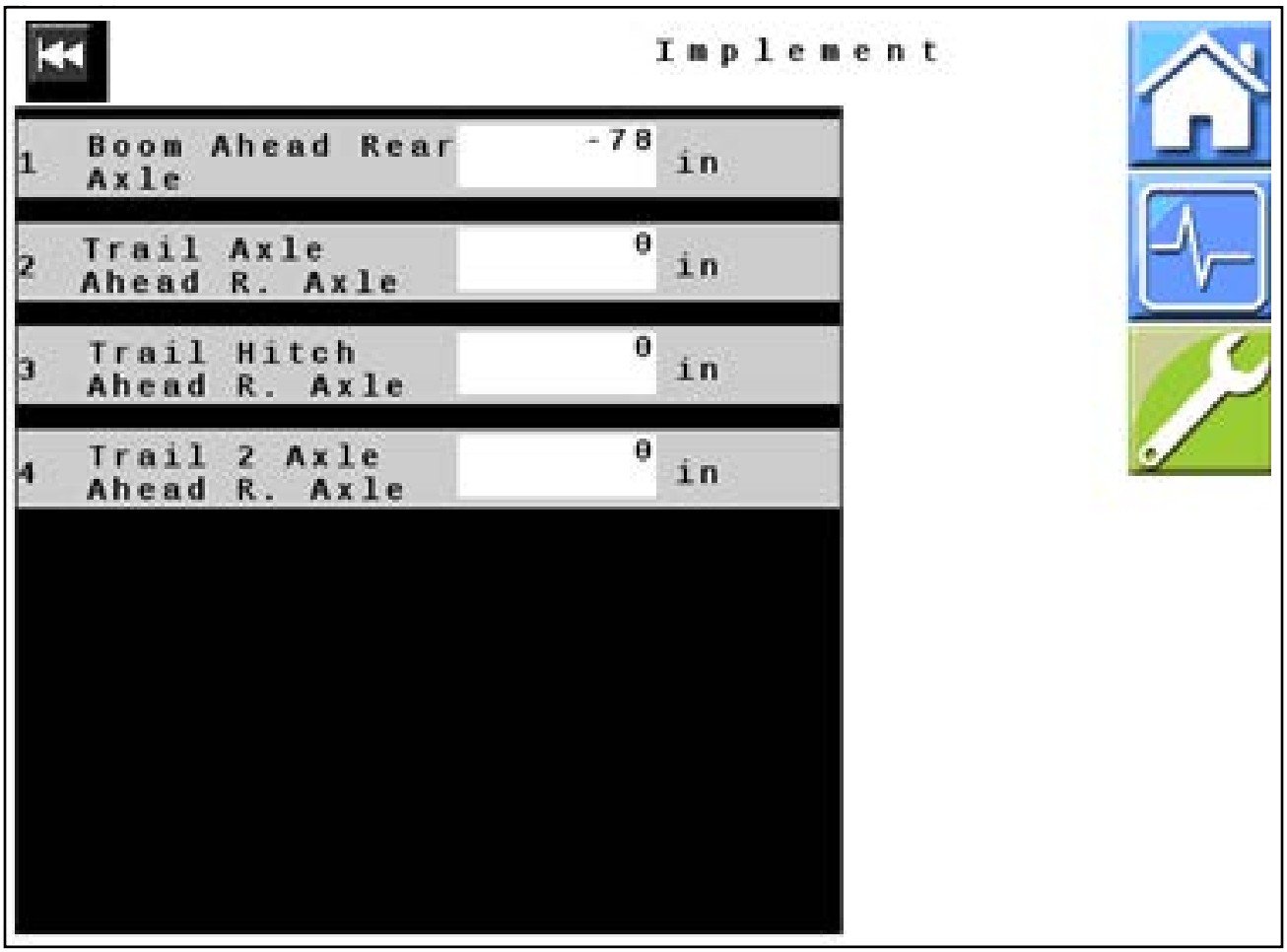

Figure 20: Implement

34. Tap the **Back** icon to return to the **Navigation** menu. Select **Implement**.

35. Figure 20 Verify that all values displayed on your unit match those shown here. Change values if necessary.

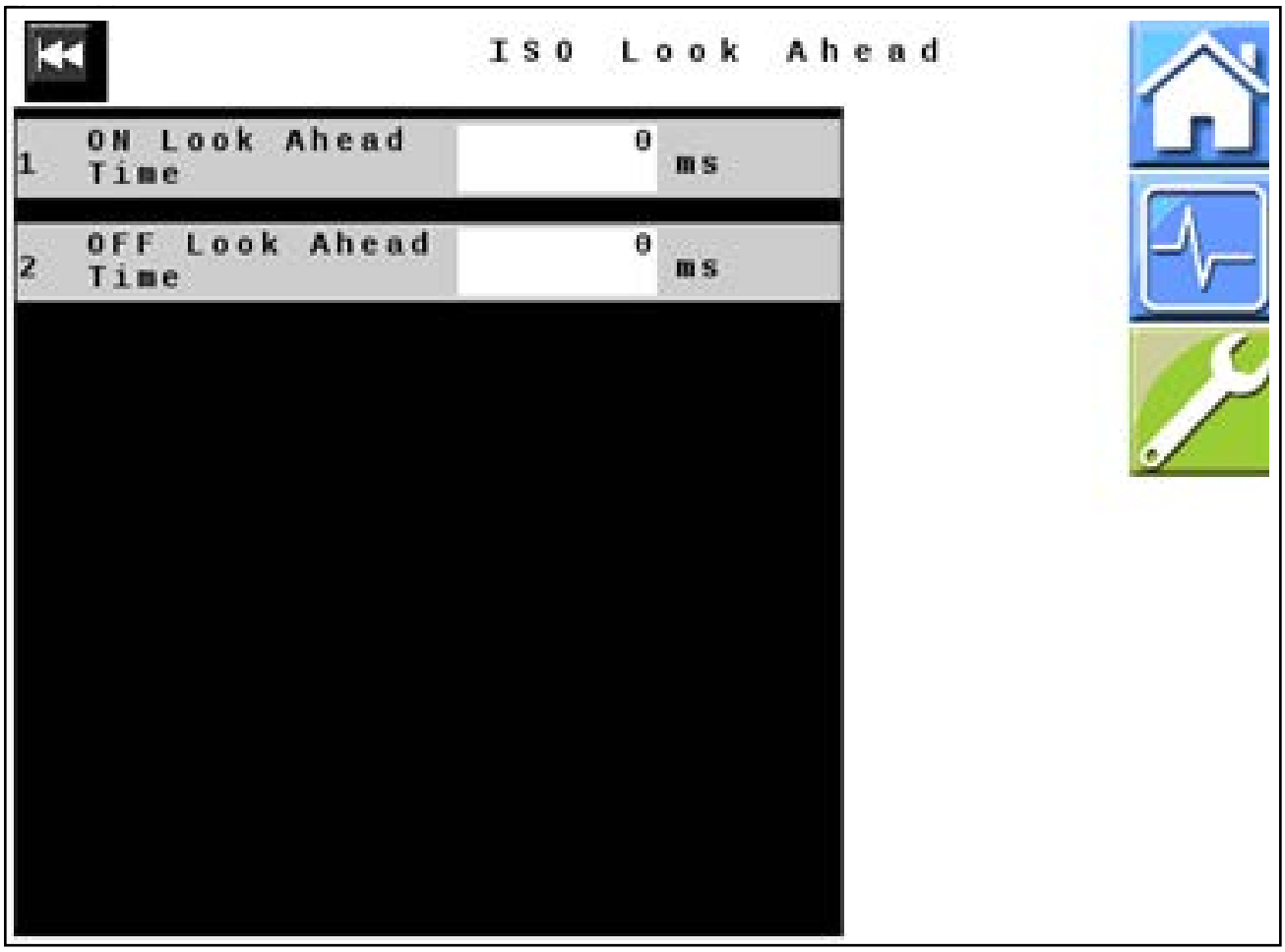

Figure 21: ISO Look Ahead

36. Tap the **Back** icon to return to the **Navigation** menu. Select **ISO Look Ahead**.

37. Figure 21 Verify that all values displayed on your unit match those shown here. Change values if necessary.

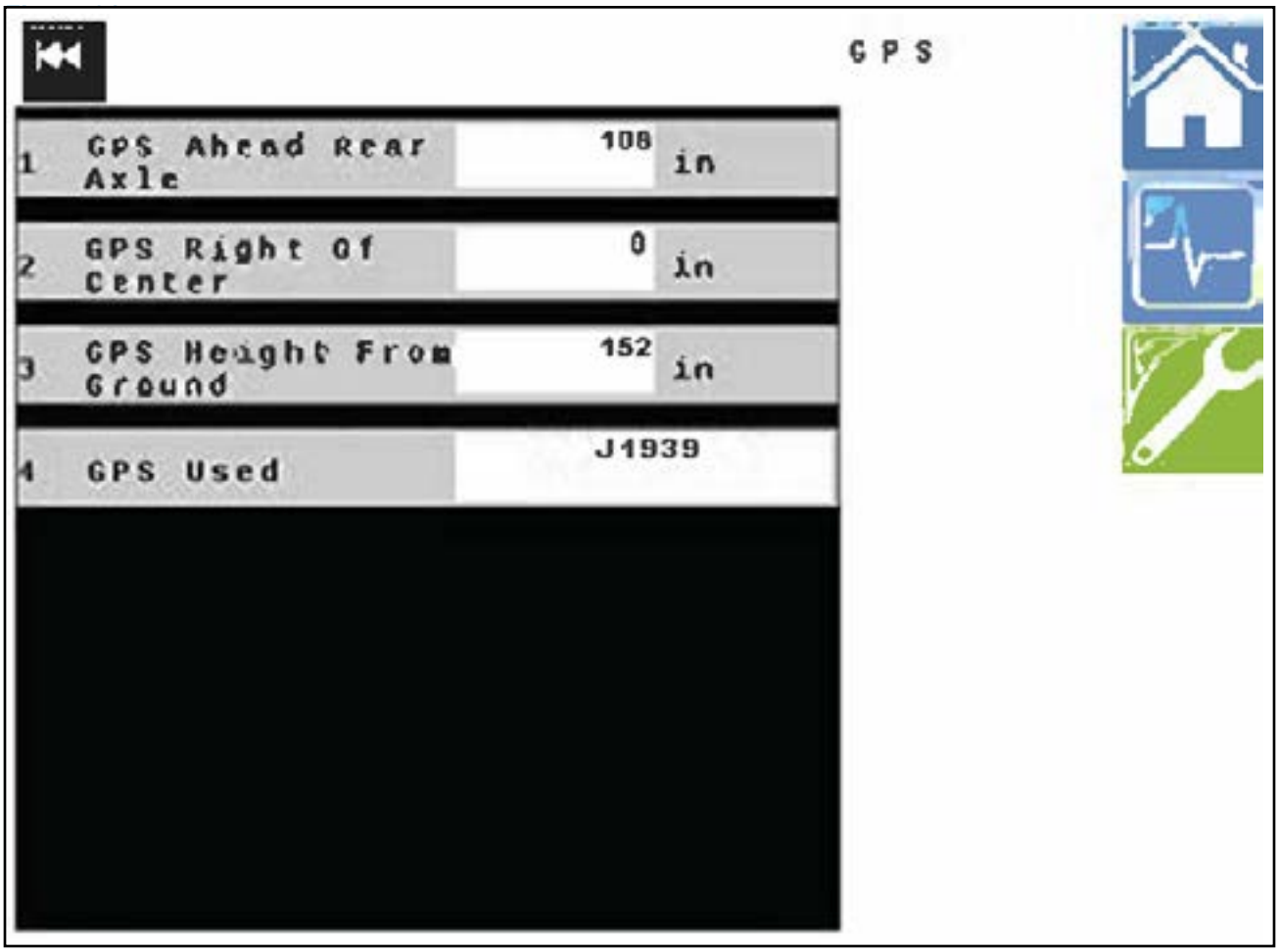

Figure 22: GPS

38. Tap the **Back** icon to return to the **Navigation** menu. Select **GPS**.

39. Figure 22 Select the type of GPS from the list of available options. Not all of the options listed here may show on your system. Only the types available for your system will show on your list.

- If your machine has serial GPS, select NMEA0183
- If your machine has CAN GPS, available types include — in preference order:
  a. J1939
  b. ISO 11783
  c. NMEA2000

Verify that all other values displayed on your unit match those shown here. Change values if necessary.

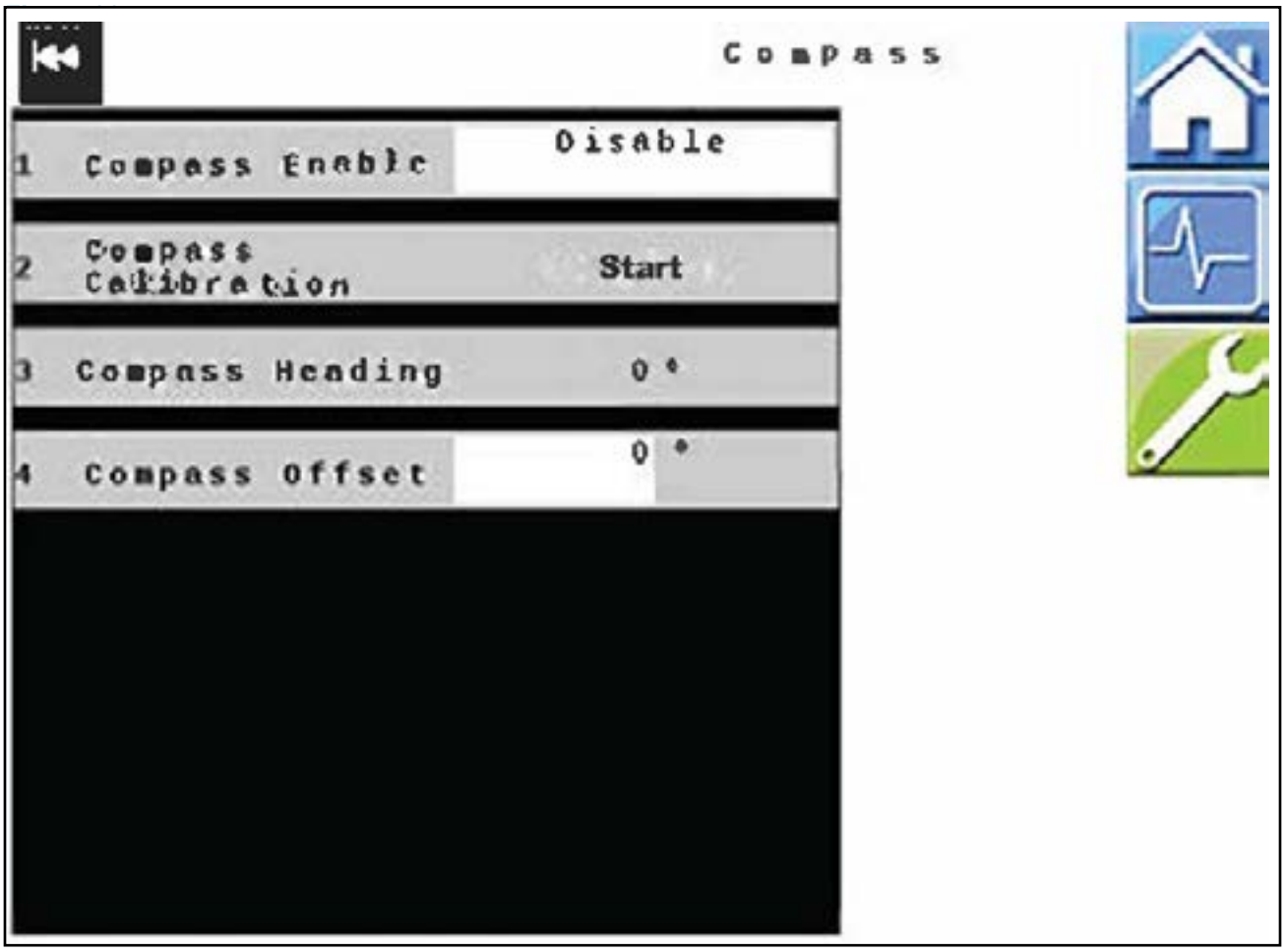

Figure 23: Compass

42. Tap the **Back** icon to return to the **Navigation** menu. Select **Compass**.

43. Figure 23 Verify that all values displayed on your unit match those shown here. Change values if necessary.

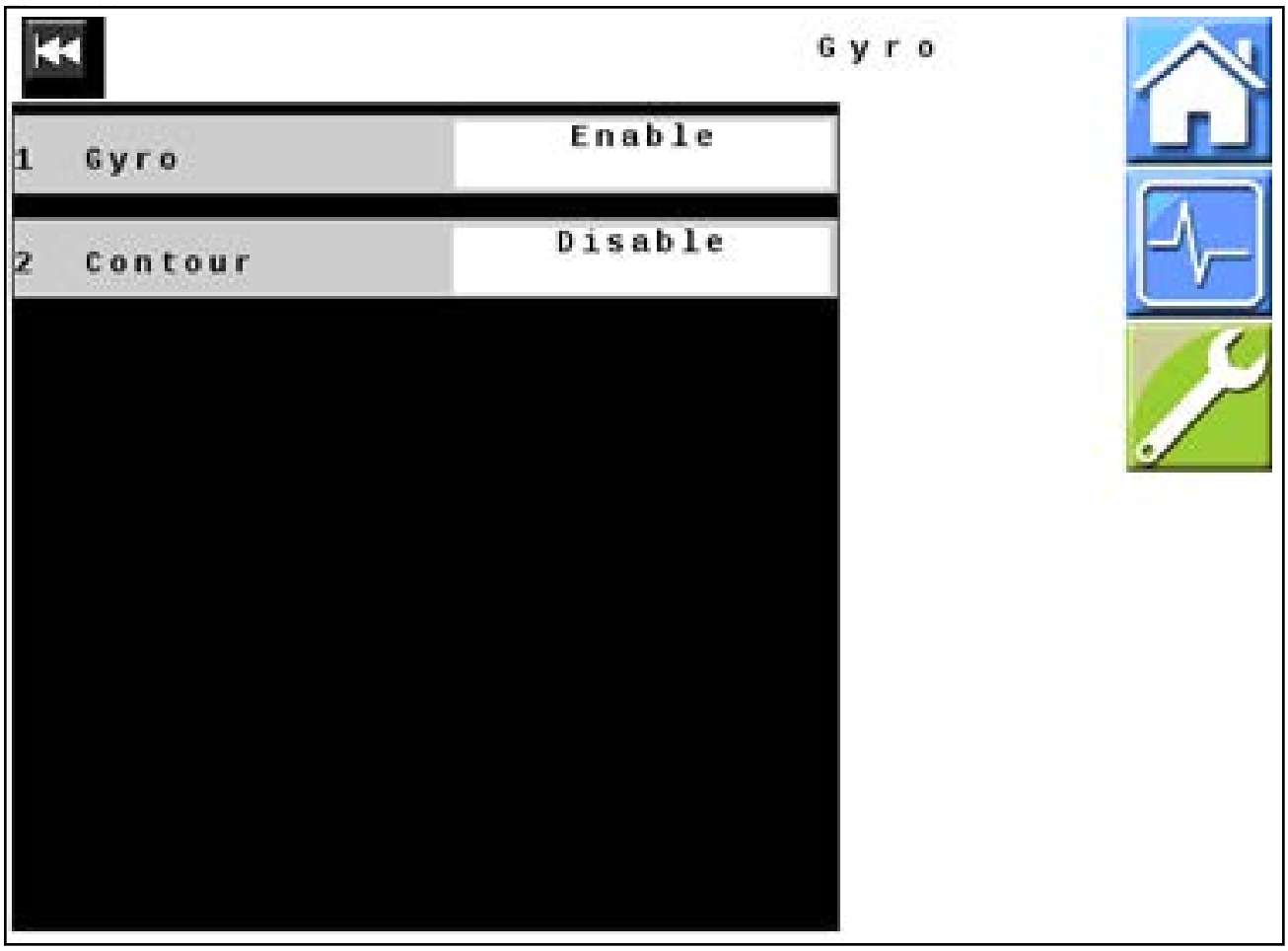

Figure 24: Gyro Settings

44. Tap the **Back** icon to return to the **Navigation** menu. Select **Gyro**.

45. Figure 24 Verify that all values displayed on your unit match those shown here. Change values if necessary.

Soft Boom Configurations

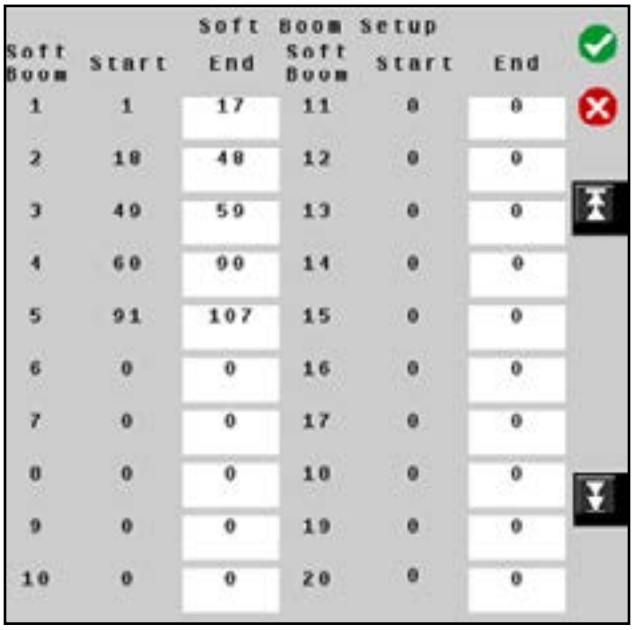

Figure 25: 90' x 10"

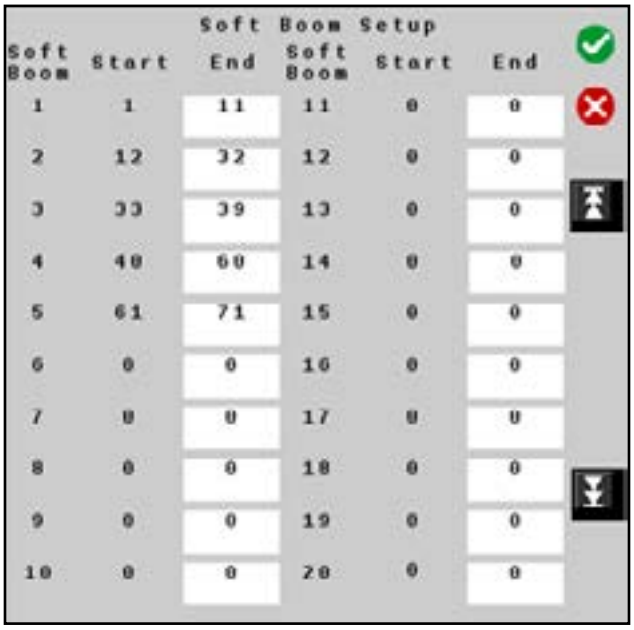

Figure 26: 90' x 15"

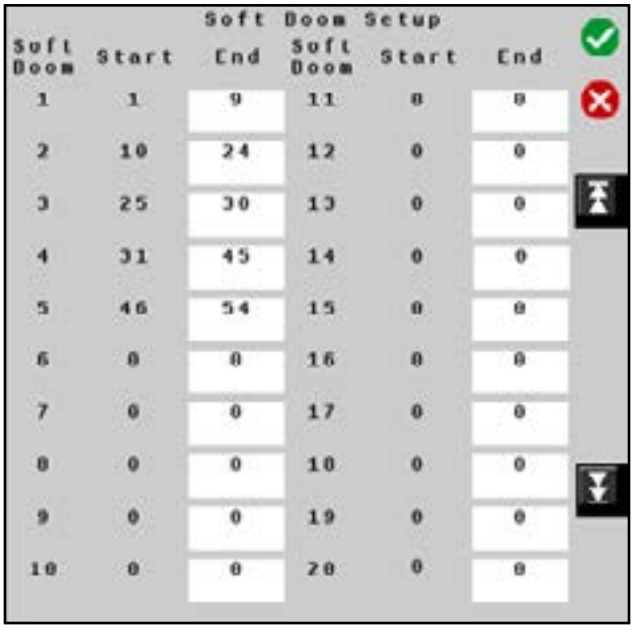

Figure 27: 90' x 20"

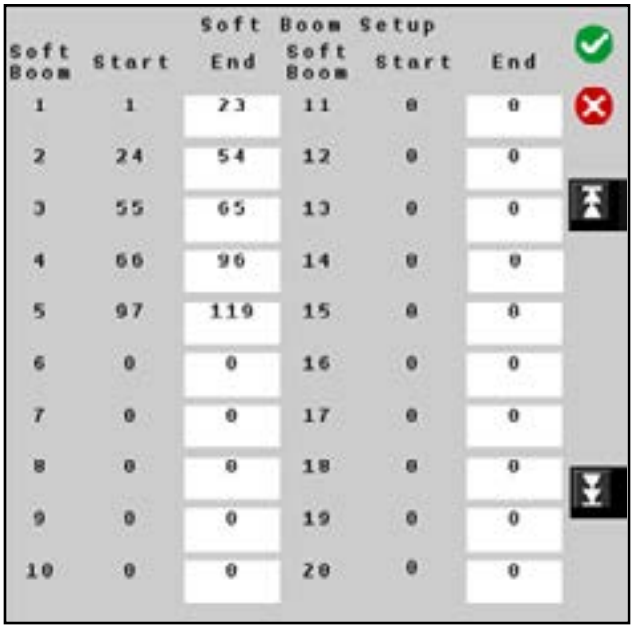

Figure 28: 100' x 10"

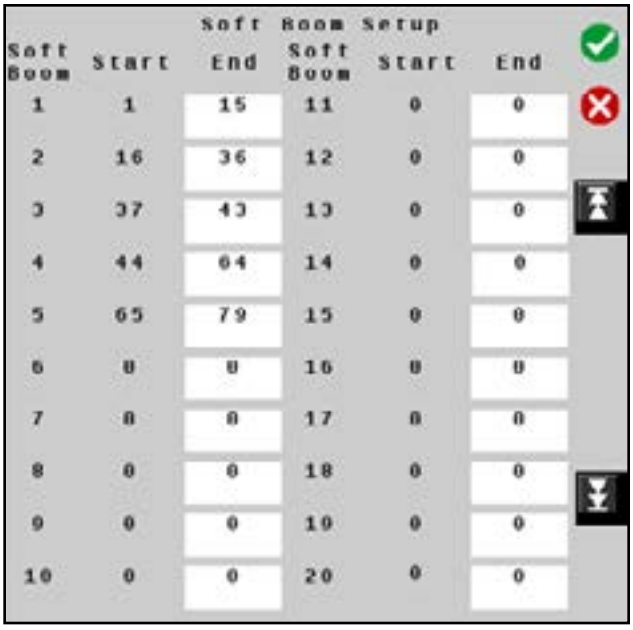

Figure 29: 100' x 15"

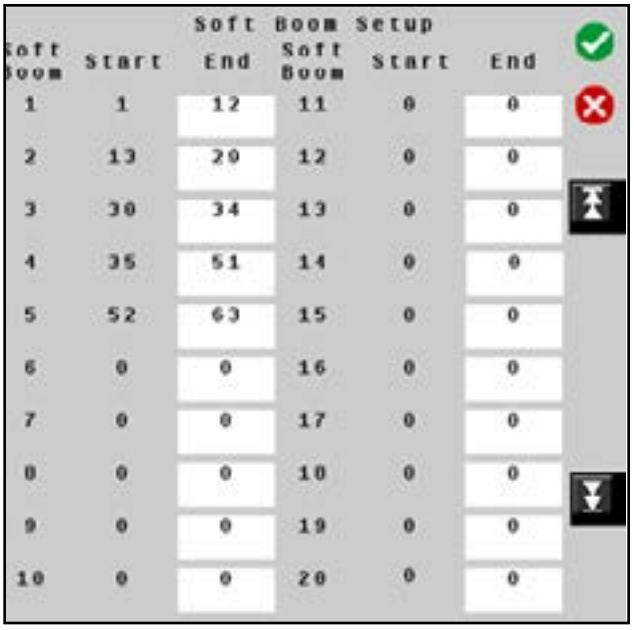

Figure 30: 100' x 19"

Figure 31: 100' x 20"

Figure 32: 120' x 10"

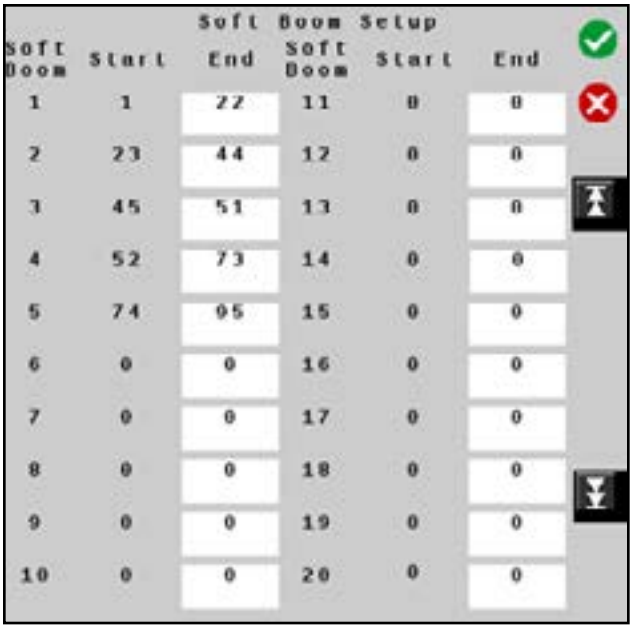

Figure 33: 120' x 15"

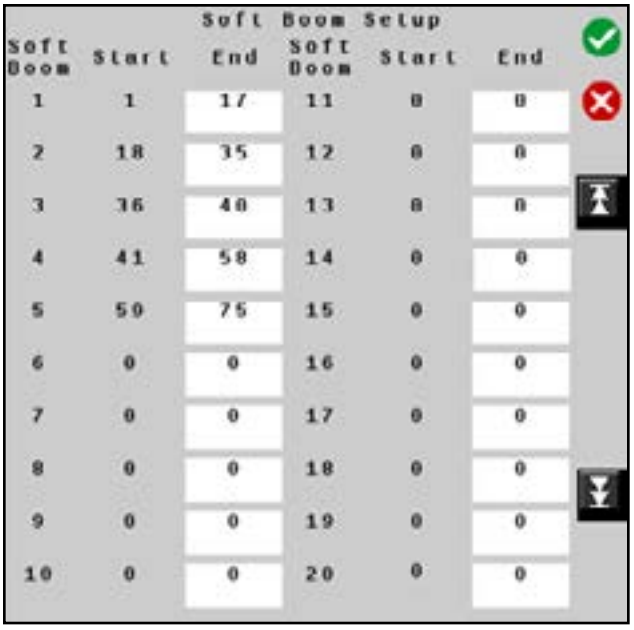

Figure 34: 120' x 19"

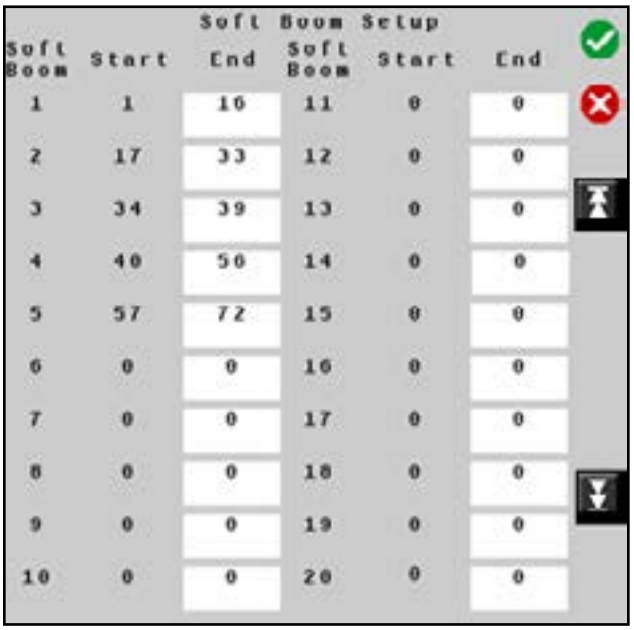

Figure 35: 120' x 20" Aluminum Boom

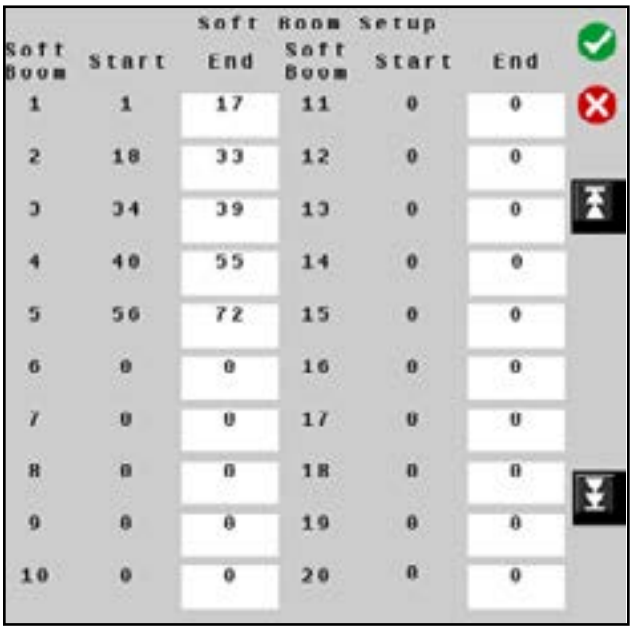

Figure 36: 120' x 20" Steel Boom

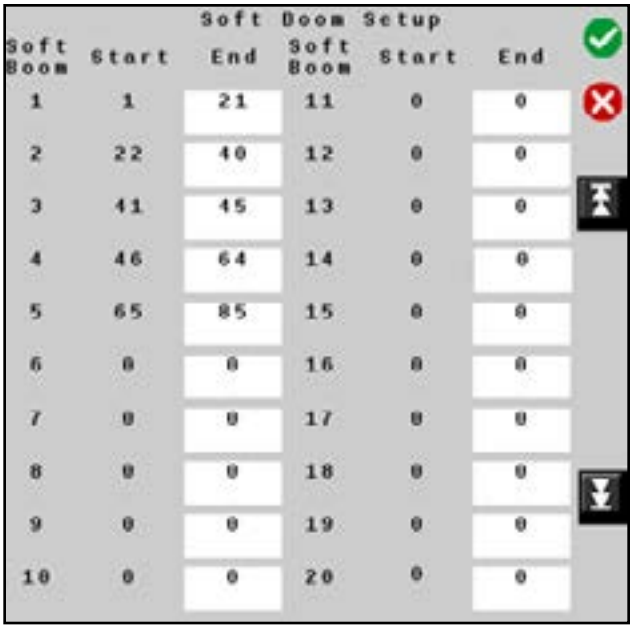

Figure 37: 132' x 19"

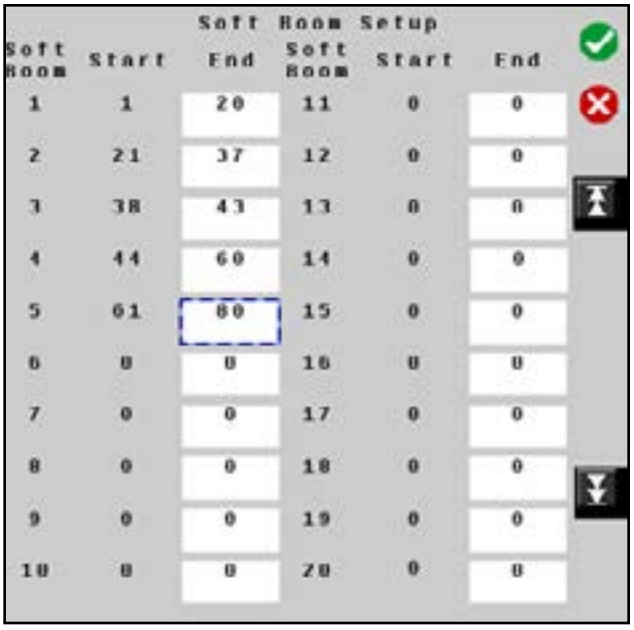

Figure 38: 132' x 20"