John Deere AutoTrac™ Controller
About This Document

This User Guide will help you learn how to perform common tasks with your John Deere AutoTrac Controller. It is a supplement to the controller Operator’s Manual.

Read the Operator’s Manual for the following information:

- How to operate your controller safely
- Theory of operation
- Initial setup
- Diagnostics
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John Deere AutoTrac Controller Calibration

The John Deere AutoTrac Controller calibration procedure must be completed with a passing status prior to using AutoTrac.

Calibration Procedure

- Calibration procedure will require a large, open, level surface to complete the required steps.
- Calibration procedure will require the tractor to be driven slowly at full throttle for approximately 2 to 5 minutes to bring hydraulic fluid to operating temperature before beginning calibration procedure.

IMPORTANT: Read all instructions before calibrating the AutoTrac Controller.

Calibrate AutoTrac Controller without an implement connected to the tractor to avoid damage to the tractor and/or implement.

1. Turn AutoTrac Controller Master Switch to **ON**.

2. **Menu .................................................................**

3. **GreenStar ..............................................................**

4. **Guidance ..............................................................**

5. **Guidance Settings ...........................................**

6. **AutoTrac Advanced Settings ..**

7. Navigate to Page Three using **Next Page** button .......

8. **CAL .................................................................**
Wheel Angle Sensor (WAS) Calibration

1. Below Wheel Angle Sensor Calibration select **CAL** button.

2. **Next**

   NOTE: Machine may need to drive forward slowly to allow the wheels to reach their full range of motion.

3. Turn wheel until LEFT stop.

4. **Next**

5. Turn wheel until RIGHT stop.

6. **Next**

7. Turn wheel back to CENTER with wheels straight.

   NOTE: It is recommended to pick a point in the horizon ahead of machine, slowly drive forward while adjusting steering wheel until driving in a straight line.

8. **Next**

9. Drive in straight line at or above 16 km/h (10 mph) until calibration is complete.

   NOTE: It is recommended to pick a point in the horizon ahead of machine, slowly drive forward while adjusting steering wheel until driving in a straight line.

10. **Next**
Valve Calibration

1. Under Valve Calibration select CAL button .............

2. Next .............................................................................

3. Begin moving forward in the lowest gear at the maximum RPM.

4. Next .............................................................................

5. Wait for calibration to finish.

6. Repeat steps 4 and 5 until three left turn and three right turn calibrations have been completed.

7. Turn steering wheel back to center with wheels straight.

8. Next .............................................................................

9. To exit calibration screen select Accept ......................