



**John Deere AutoTrac™  
Controller**



**JOHN DEERE**

## **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.**

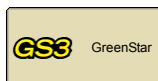
**Calibrate AutoTrac Controller without an implement connected to the tractor to avoid damage to the tractor and/or implement.**

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

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



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



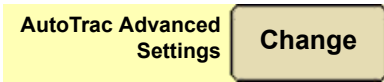
4. **Guidance** .....



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



6. **AutoTrac Advanced Settings** ..



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

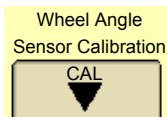


8. **CAL** .....



## 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

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** ..... 