





**John Deere AutoTrac™**  **JOHN DEERE**  
**Controller**

PFP11790



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## 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.**

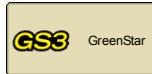
**Calibrate AutoTrac Controller without an implement connected to the tractor to avoid damage to the tractor and/or implement.**

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

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



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



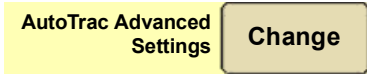
4. **Guidance** .....



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



6. **AutoTrac Advanced Settings** ..



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



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



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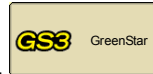
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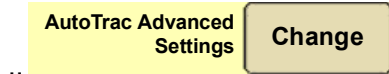
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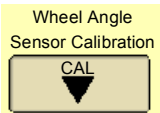


8. **CAL** .....



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.

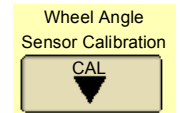
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- 10. **Next** .....

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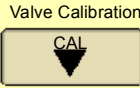






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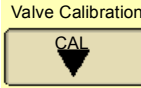







- 10. **Next** .....

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** ..... 

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