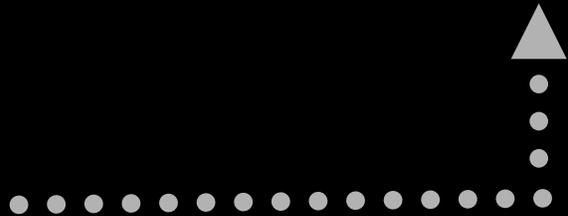




catsimulators.com

# Cat<sup>®</sup> Simulators

## Wheel Tractor-Scraper Controls Calibration





# Wheel Tractor-Scraper Controls Calibration



## Initial Steps

*Note:* Screenshots that represent the set-up steps may vary depending on whether you are running Windows XP, Vista or Windows 7. The steps are still the same despite the slight variance in the screen presentation.

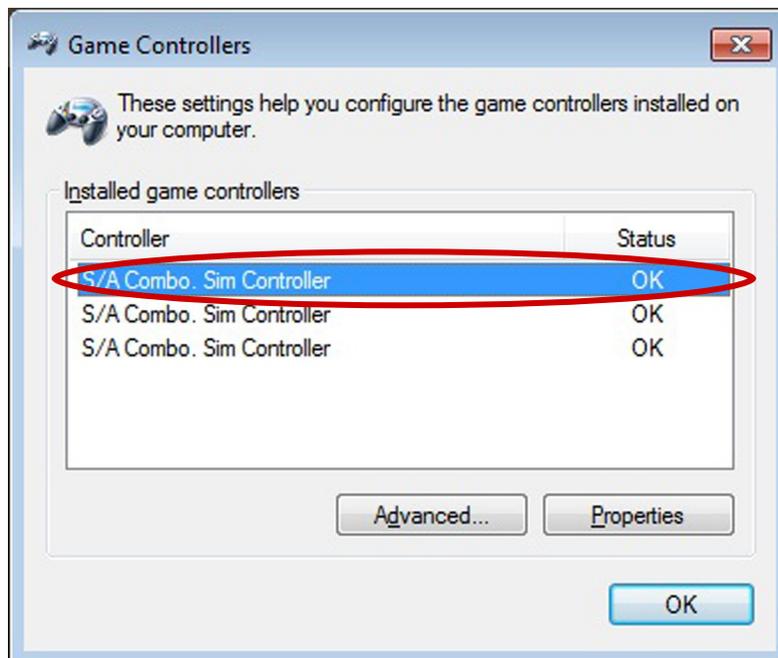
1. Connect all Wheel Tractor-Scraper simulator components to your computer as outlined in the “Hardware Assembly Instructions.”
2. For Windows XP or Vista Operating Systems: From your Windows Desktop, Click “Start” — “Control Panel” — “Game Controllers.”

*Note:* On some computers, this may appear as “Game Options.”

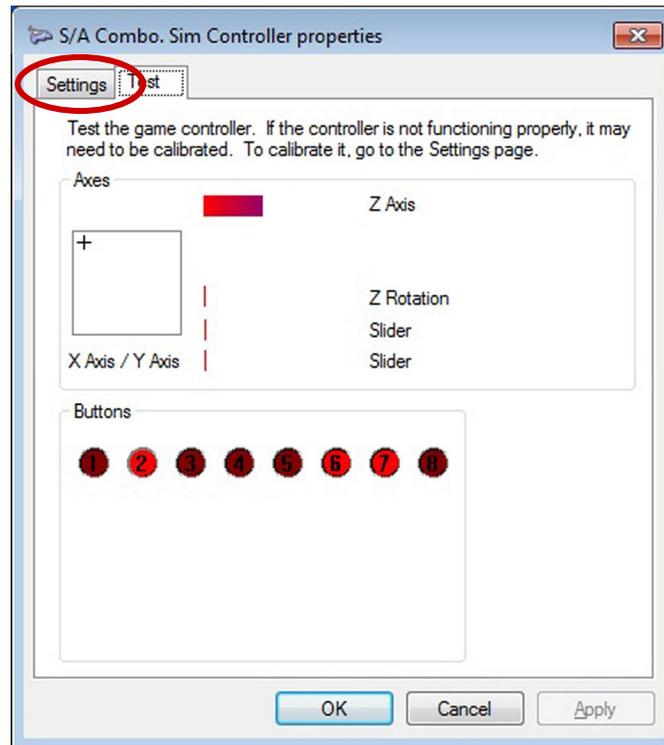


3. Double click the first “S/A Combo. Sim Controller”

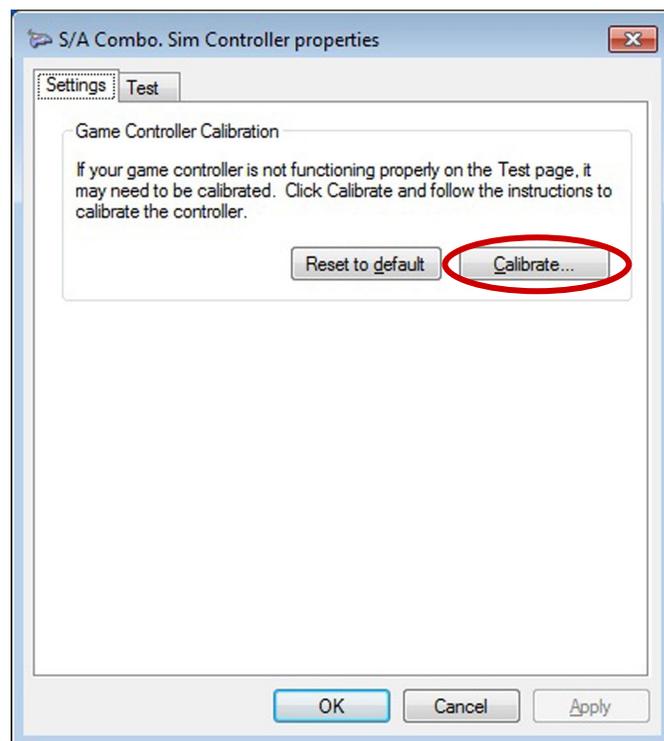
*Note:* For Windows 7 Operating Systems: From your Windows Desktop, Click “Start” — “Devices and Printers” — Locate the “Game Controllers” option. Right-click on the icon and select the “Game Controller Settings” option.



4. Click the “Settings” tab.



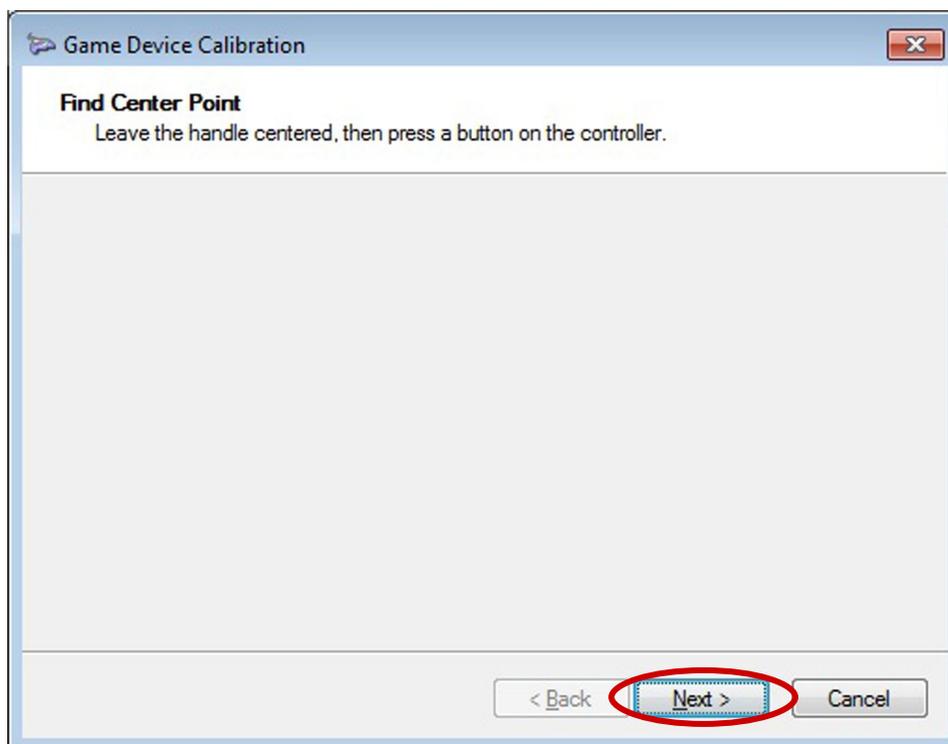
5. Click the “Calibrate” button.



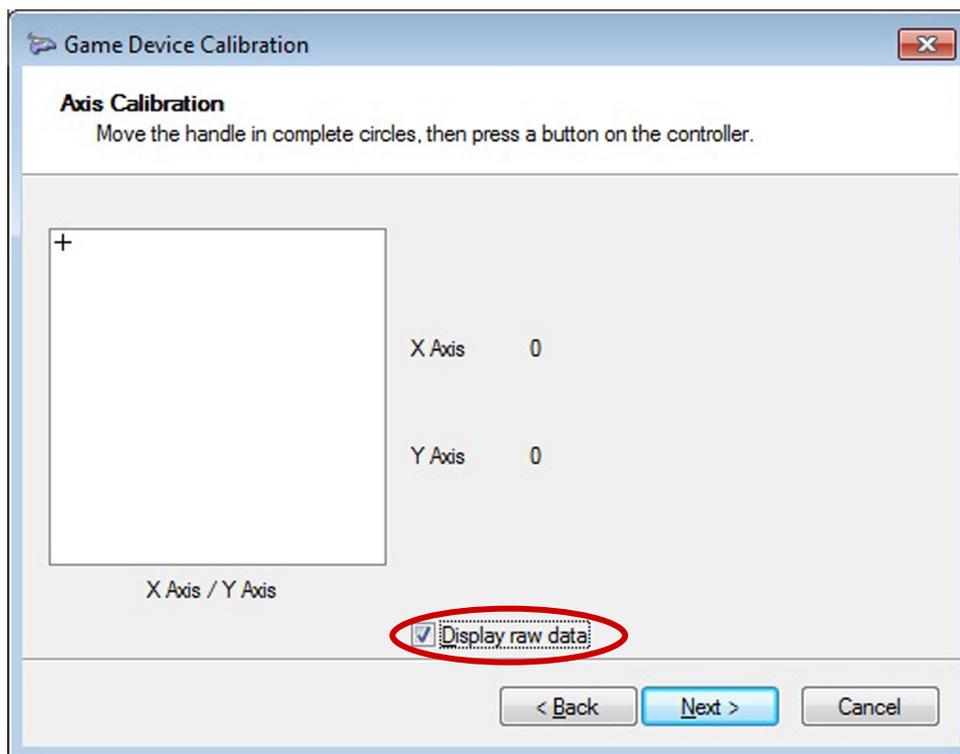
6. Click the “Next” button.



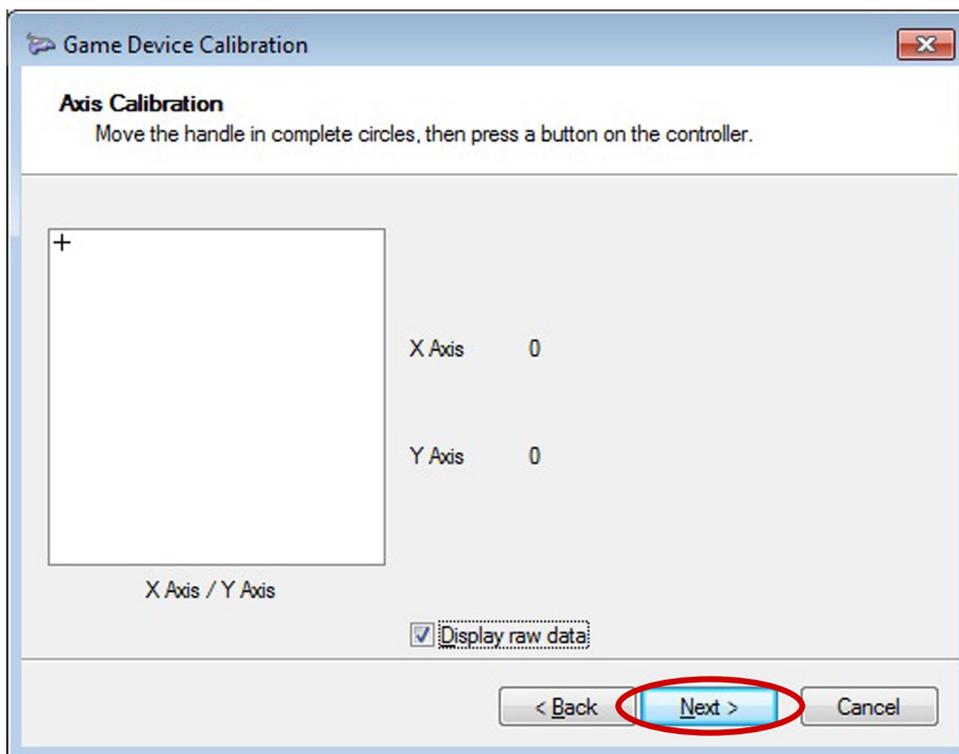
7. Click the “Next” button (Find Center Point is not used).



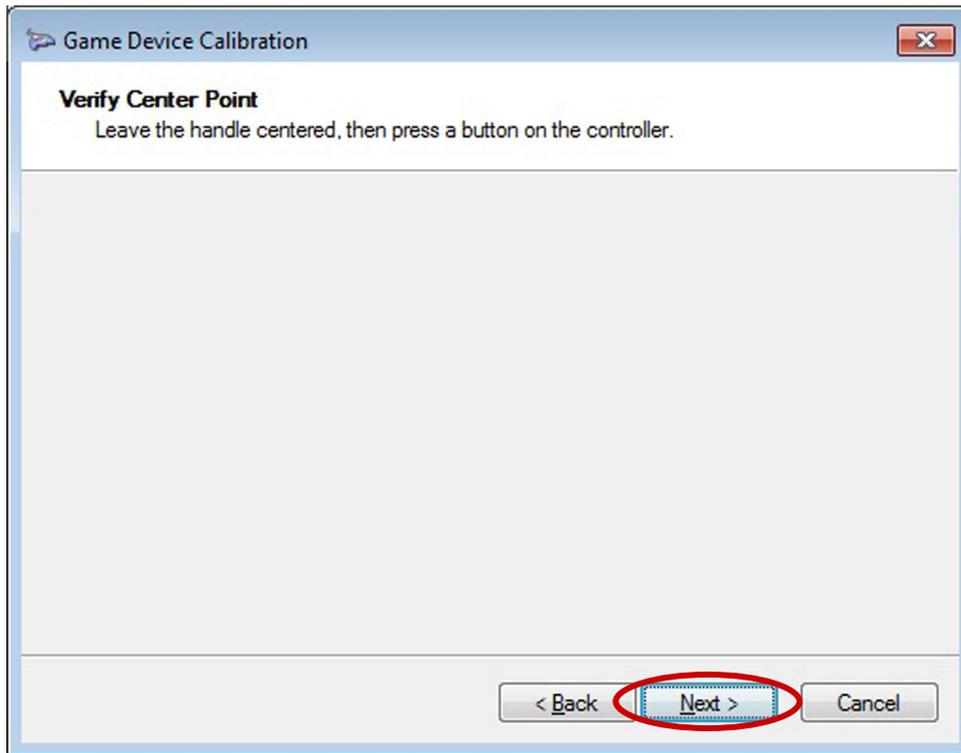
8. Check the “Display Raw Data” box.



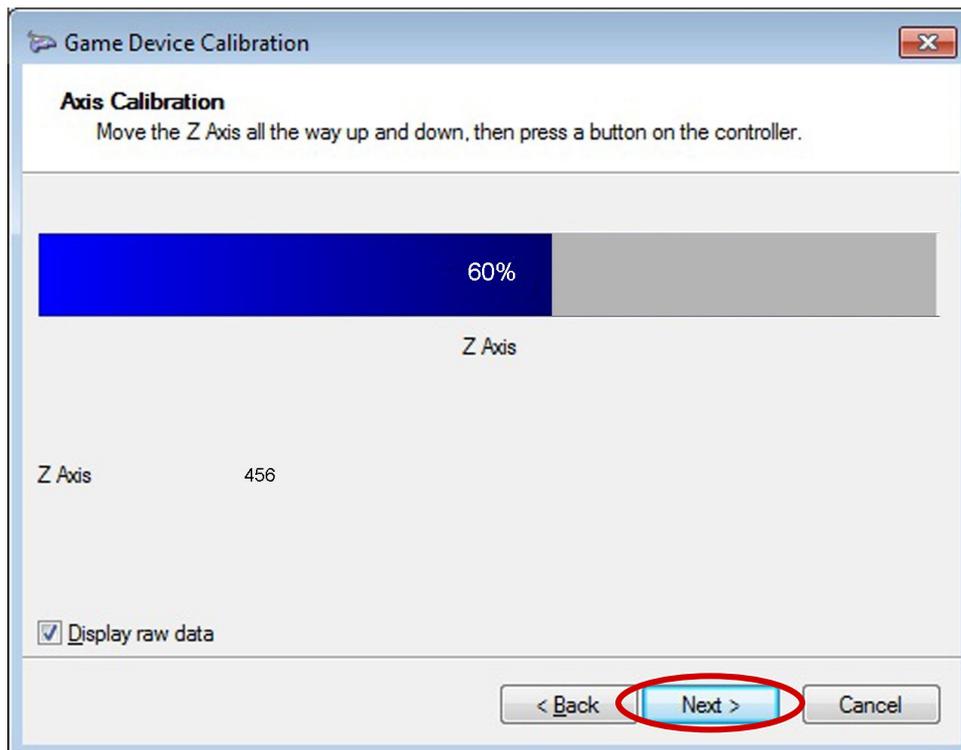
9. Follow the instructions on the screen. Click the “Next” button.



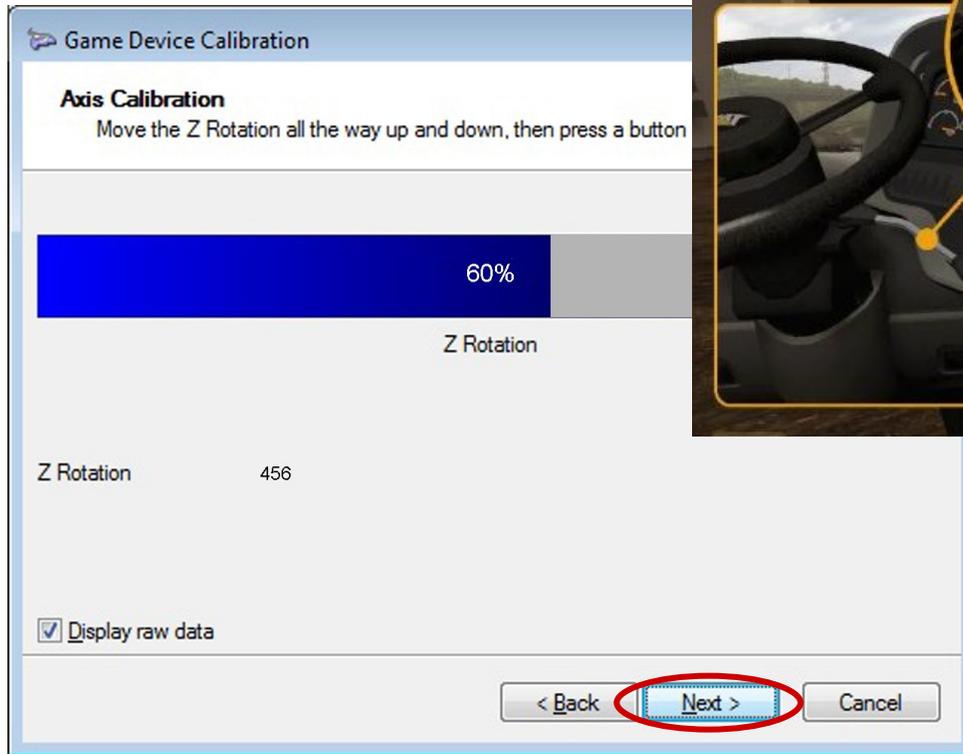
10. Click the “Next” button.



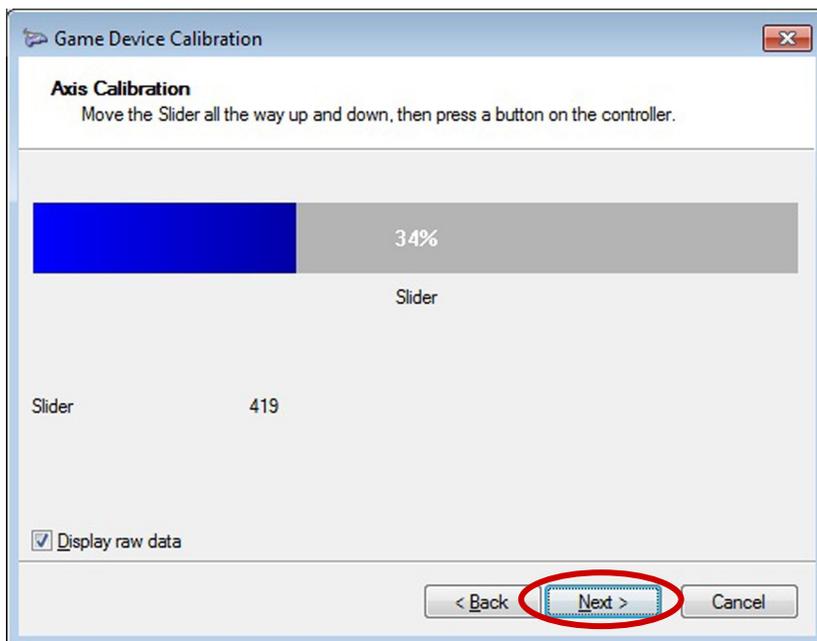
11. Follow the instructions on the screen, then click the “Next” button.



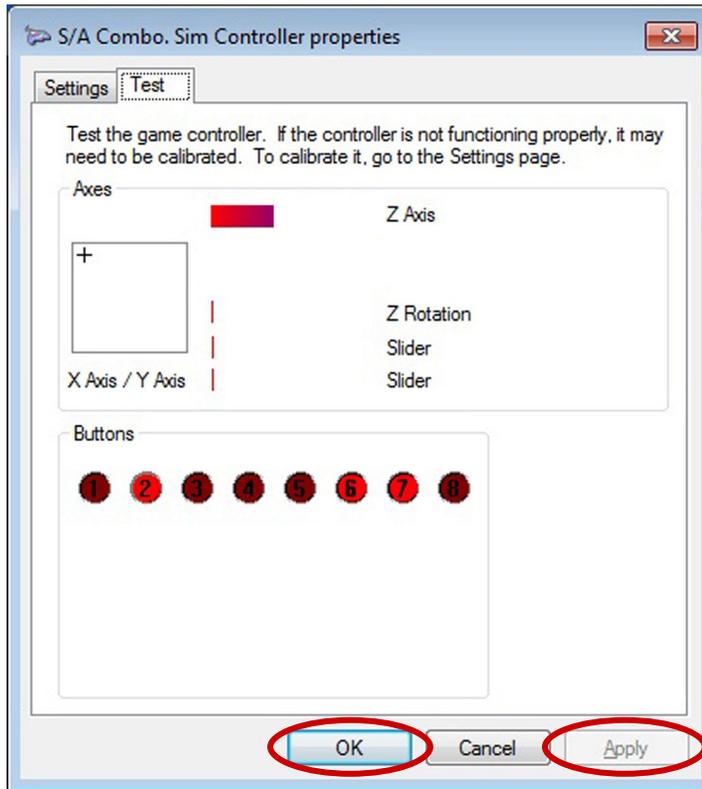
- 12. Move the retarder lever up and down through its full range of motion three times. *Note:* The blue bar in the box may not move.
- 13. Click the “Next” button.



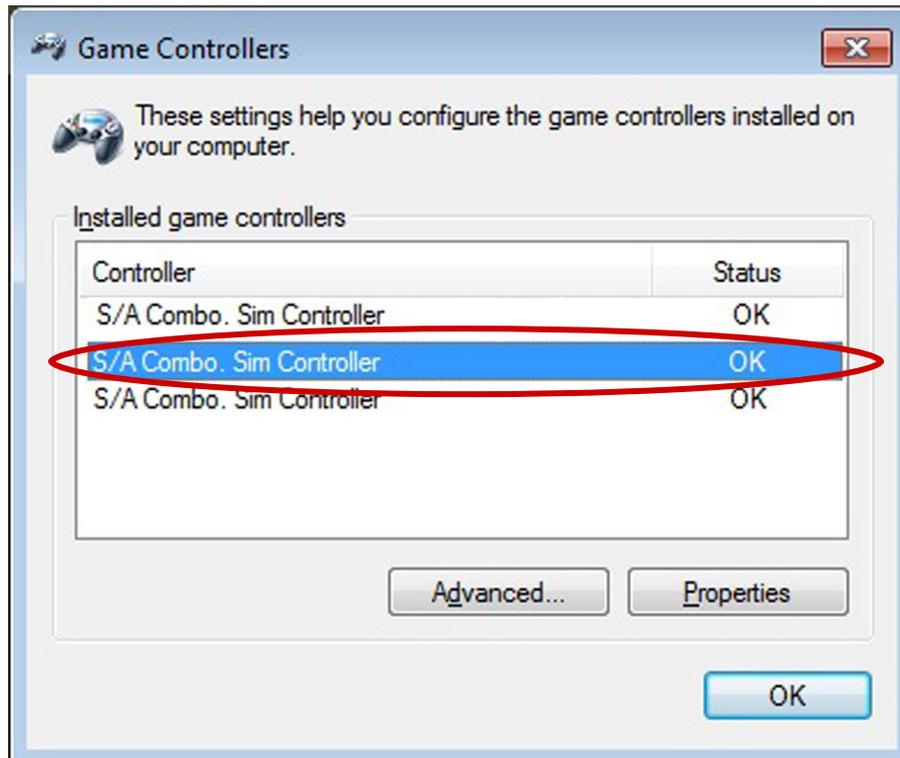
- 14. Depress and release the center pedal three times through its full range of motion. *Note:* The blue bar in the box may not move. Click the next button.
- 15. Repeat the steps for the right pedal. Click the “Next” button.



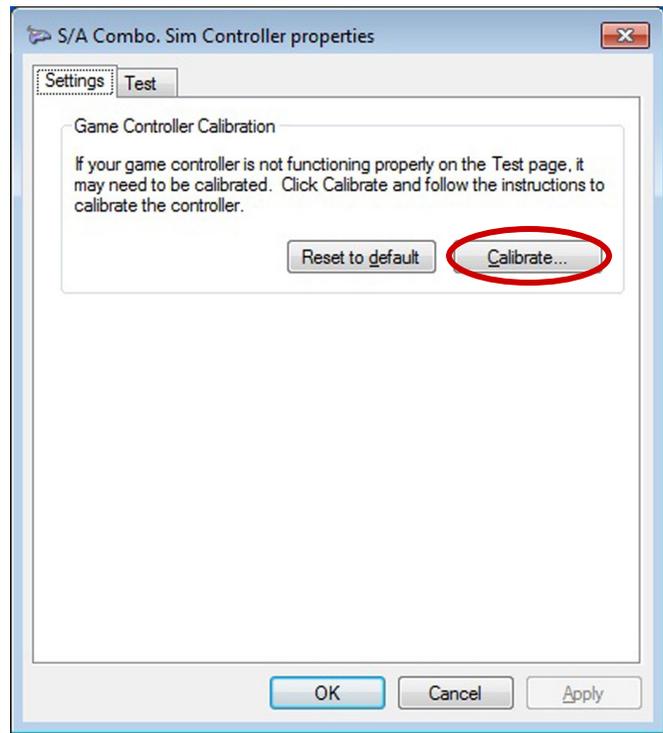
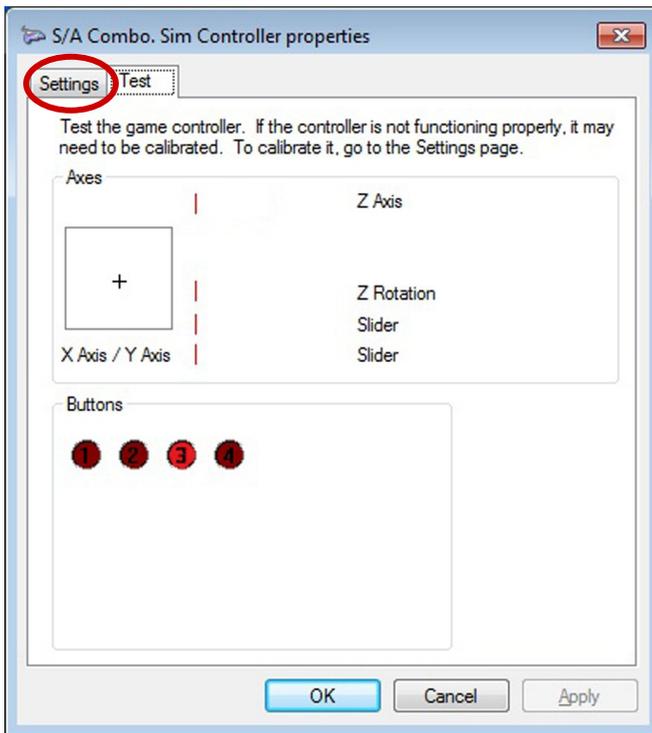
16. Click the “Finish” button.
17. Click the “Apply” button; click “OK.”



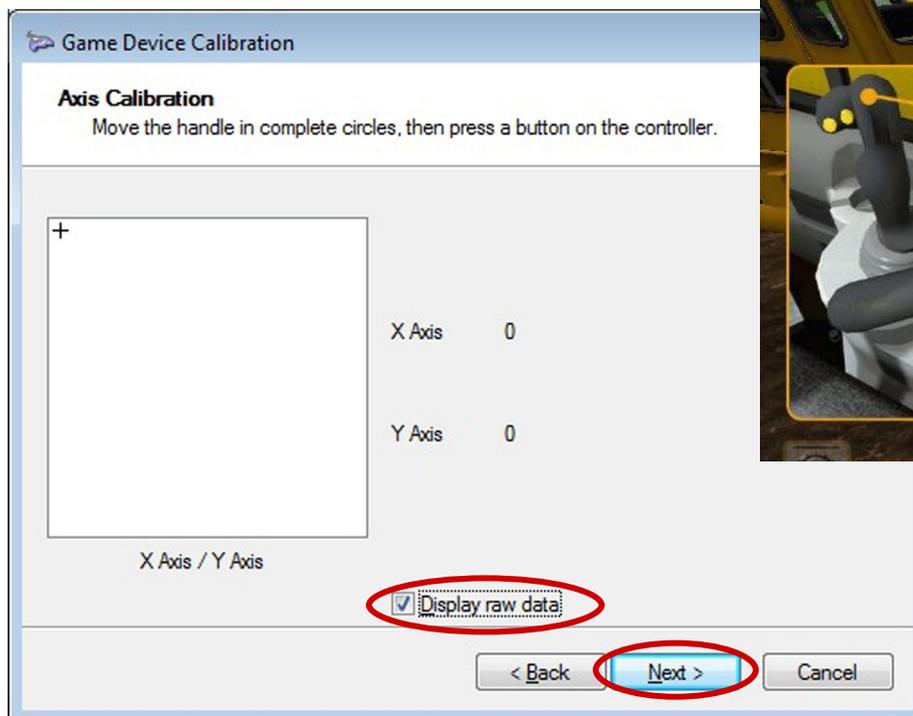
18. Double click the second S/A Combo. Sim Controller as shown.



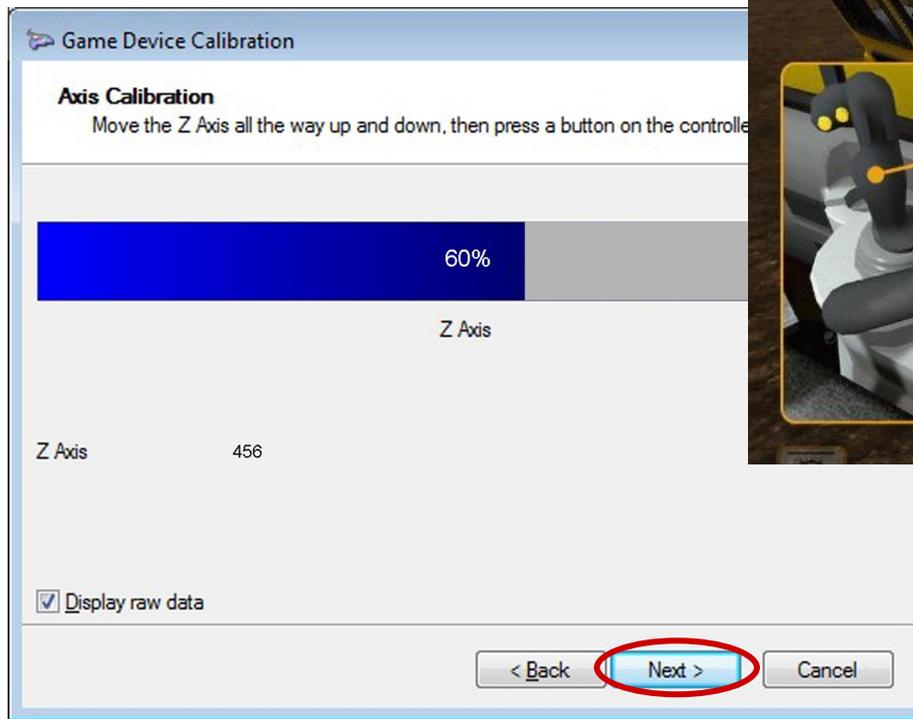
19. Click the “Settings” tab at the upper left corner.
20. Click the “Calibrate” button.
21. Click the “Next.” button.



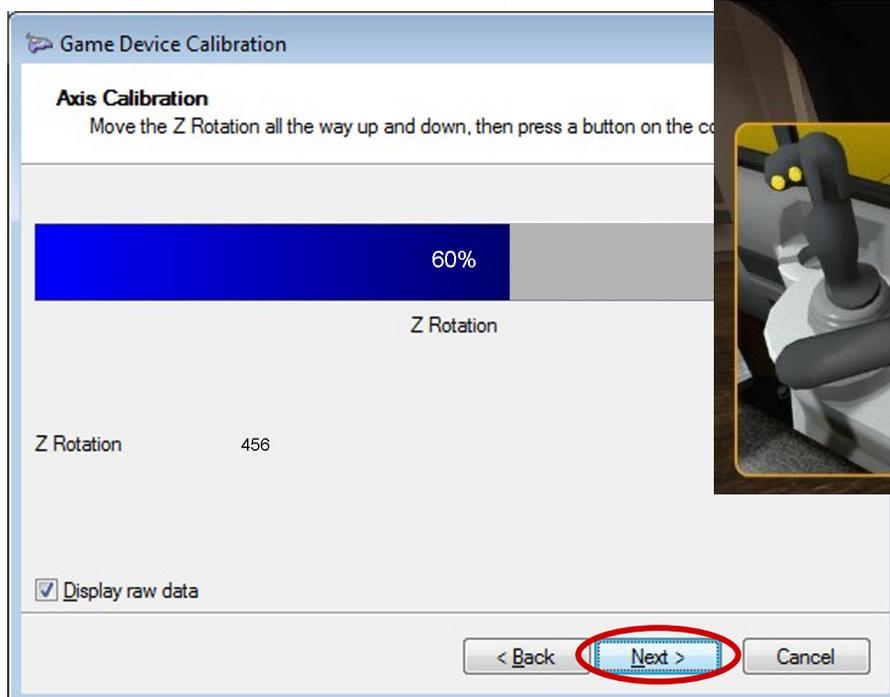
22. Check the “Display Raw Data” box.
23. Move the joystick control through its full range of motion, left to right and forward and backward three times. *Note:* The + indicator may not move.
24. Click the “Next” button. Click the “Next” button again.



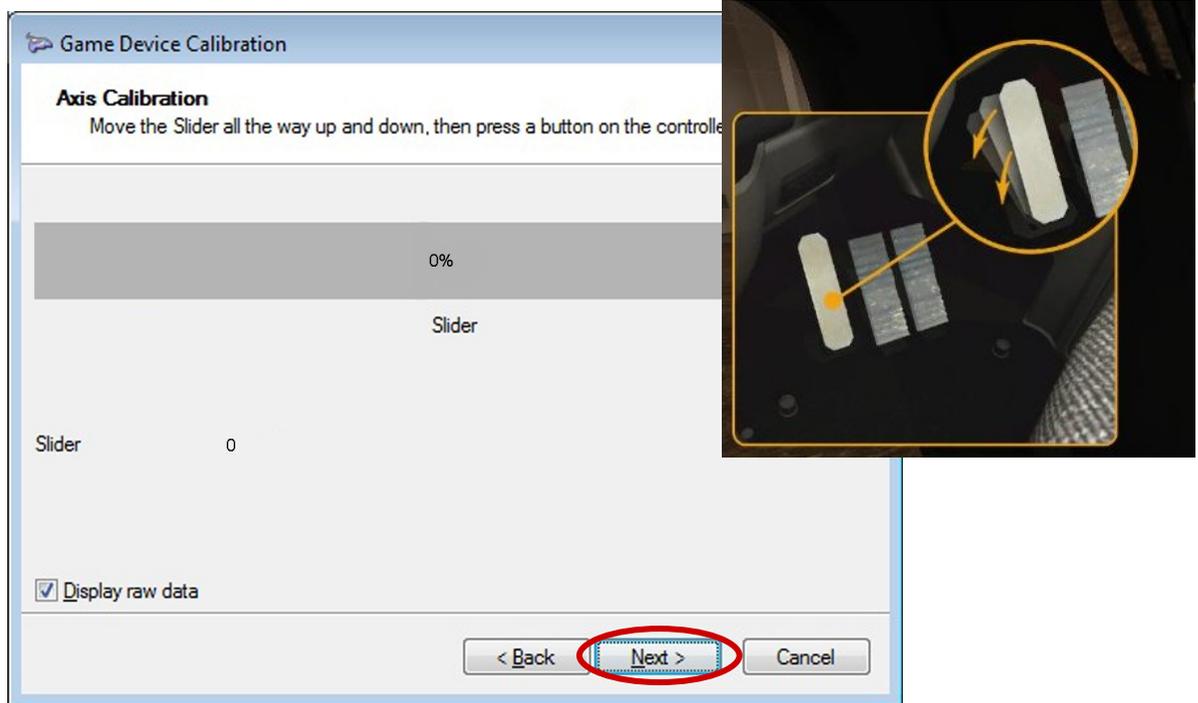
25. Move the apron control on the joystick left and right three times through its full range of motion. Note: The blue bar in the box may not move.
26. Click the “Next” button.



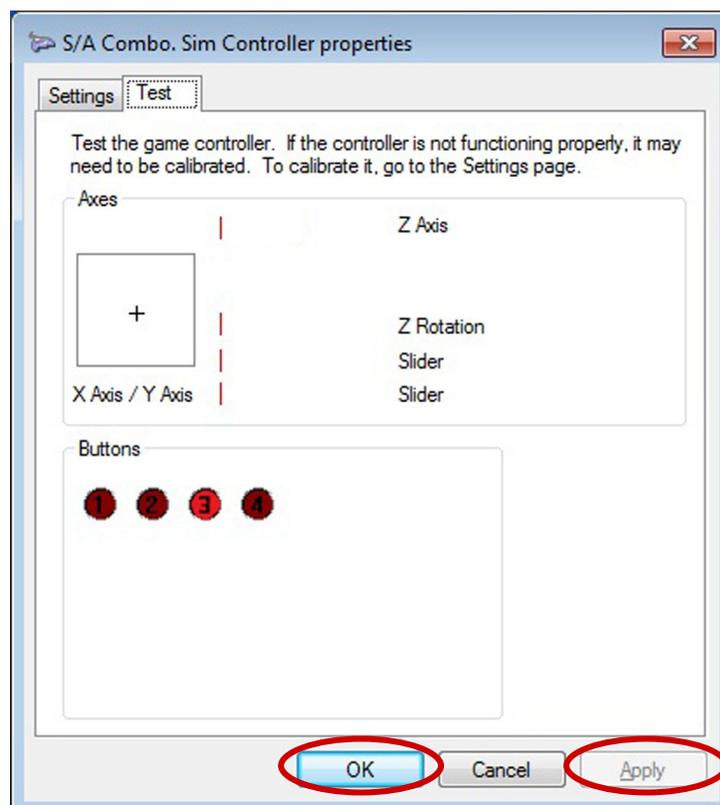
27. Move the transmission control back and fourth through its full range of motion three times.  
*Note: The blue bar may not move.*
28. Click the “Next” button. Click the “Next” button again.



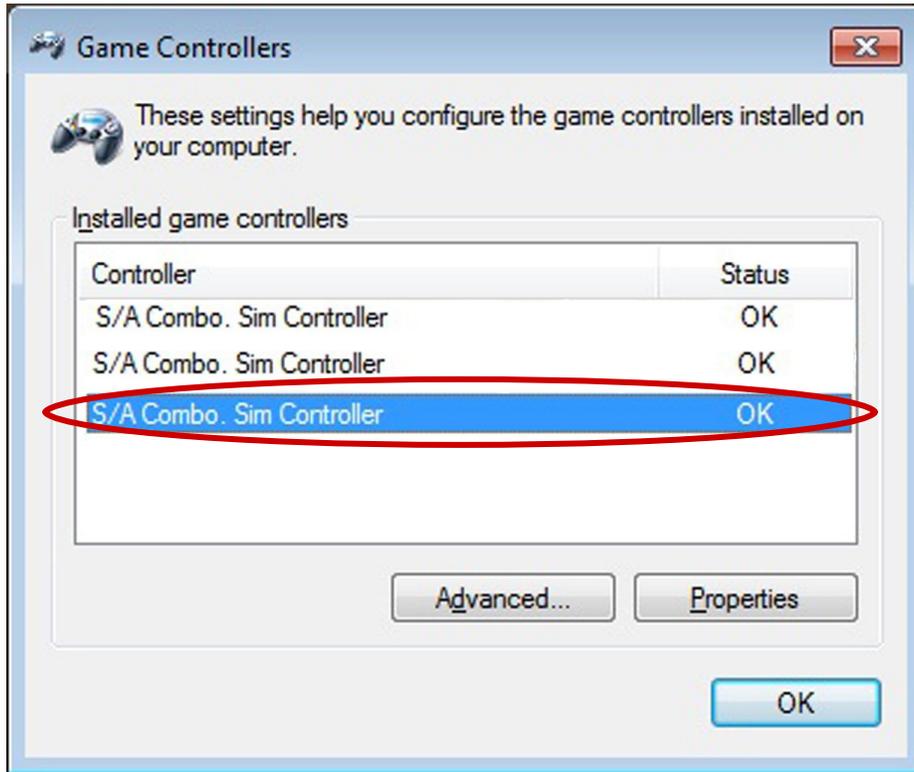
29. Depress and release the left pedal three times through its full range of motion.  
*Note:* The blue bar may not move.
30. Click the “Next” button.



31. Click the “Apply” button.
32. Click the “OK” button.

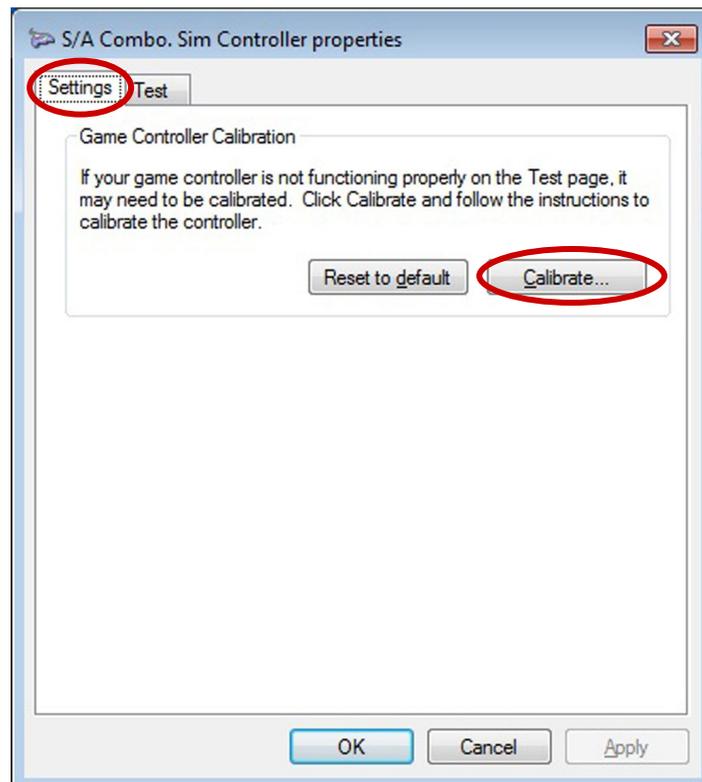


33. Double click the third “S/A Combo. Sim Controller” as shown.

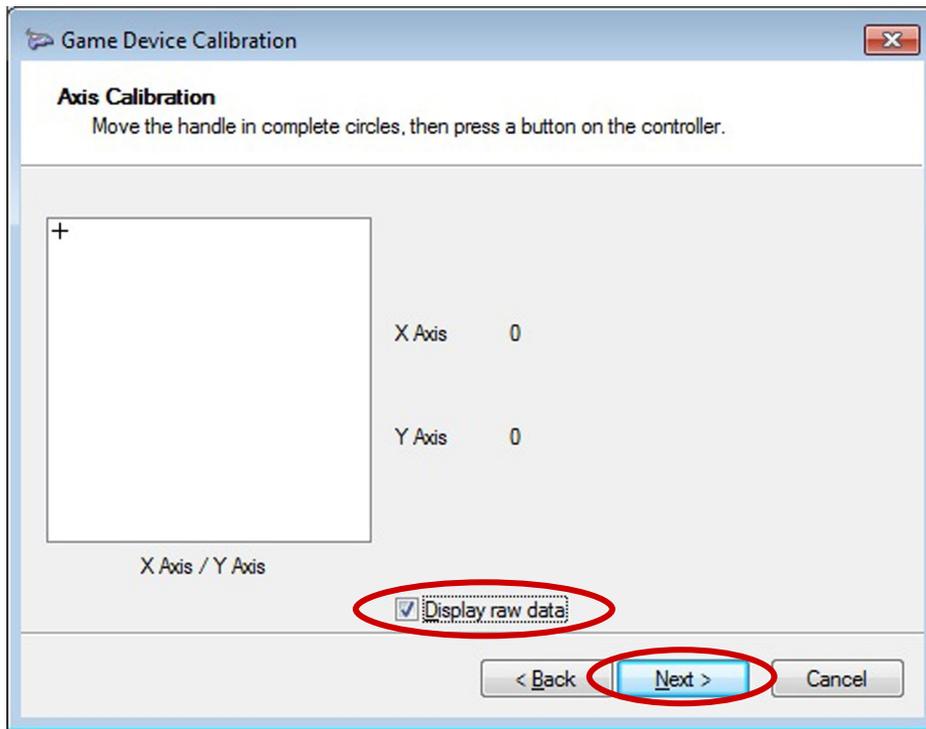


34. Click the “Settings” Tab.

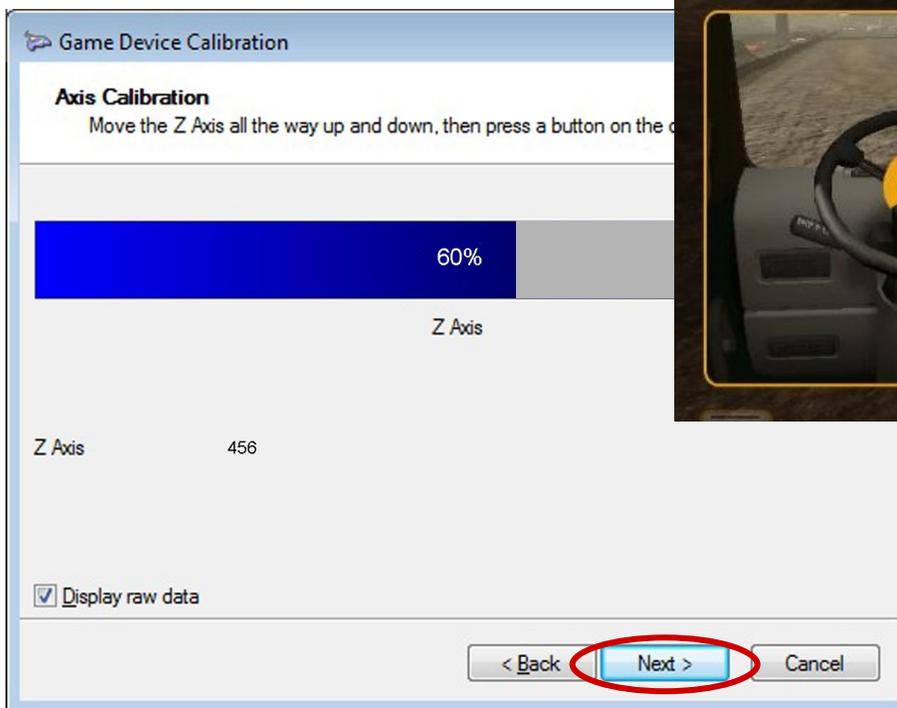
35. Click the “Calibrate” button.



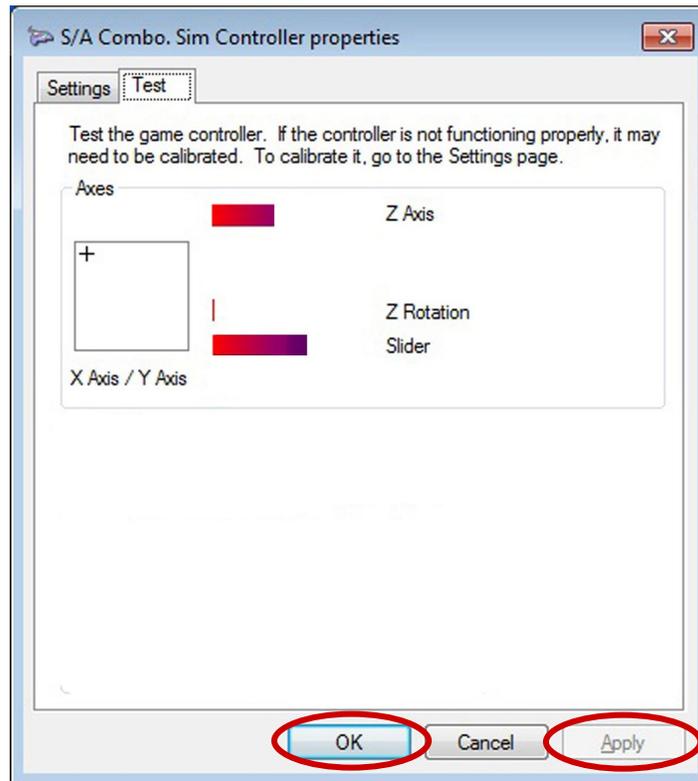
- 36. Click the "Next" button. Click the "Next" button again.
- 37. Click the "Display Raw Data" button.
- 38. Click the "Next" button. Click the "Next" button again.



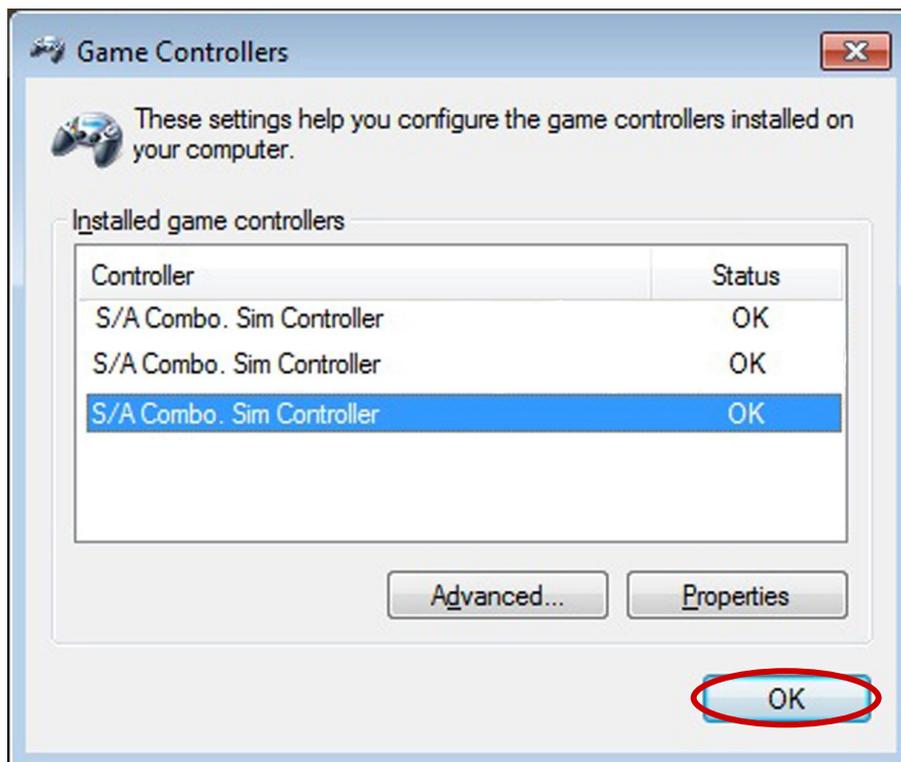
- 39. Turn the steering wheel as far as possible to the left, then right, three times through its full range of motion. Return the steering wheel to the center position.  
*Note:* The blue bar in the box may not move.
- 40. Click through the "Next" buttons.



41. Click “Finish.”
42. Click the “Apply” button.
43. Click the “OK”



43. Click the “OK” button on the Game Controllers Screen.



*Note:* Perform a function check to ensure controls are working properly.

# Client Services Support

Cat Simulators come with support services for the first year (nominal subscription fee applied after the first year). Technical support is included (in English) 24x7x365. The support staff will answer any questions, trouble-shooting needs, warranty requests or relicense and transfer needs.

- Call 1.877.434.7467 (inside the U.S.); 1.309.266.2640; or e-mail [support@catsimulators.com](mailto:support@catsimulators.com)
- On-site set up and installation of the simulator is available. Call for quote.
- Simulator instruction is available by a trained simulator operator on-site or over the Internet. Call for quote.

The information contained herein is intended for circulation only to Caterpillar and dealer employees whose duties require knowledge of such reports and is intended exclusively for their information and training. It may contain unverified analysis and facts observed by various Caterpillar or dealer employees. However, effort has been made to provide reliable results regarding any information comparing Caterpillar built and competitive machines. Effort has been made to use the latest available spec sheet and other material in the full understanding that these are subject to change without notice. Any reproduction of this release without the foregoing explanation is prohibited.



© 2011 Caterpillar All Rights Reserved. Printed in the U.S.A. CAT, CATERPILLAR, their respective logos, "Caterpillar Yellow" and the "Power Edge" trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.