

# Torque Sensor Adjustment

**Tested Model:** TOYOTA Highlander 2024

## Function Description:

This function is used to adjust the steering angle position. Use this function after replacing the following parts:

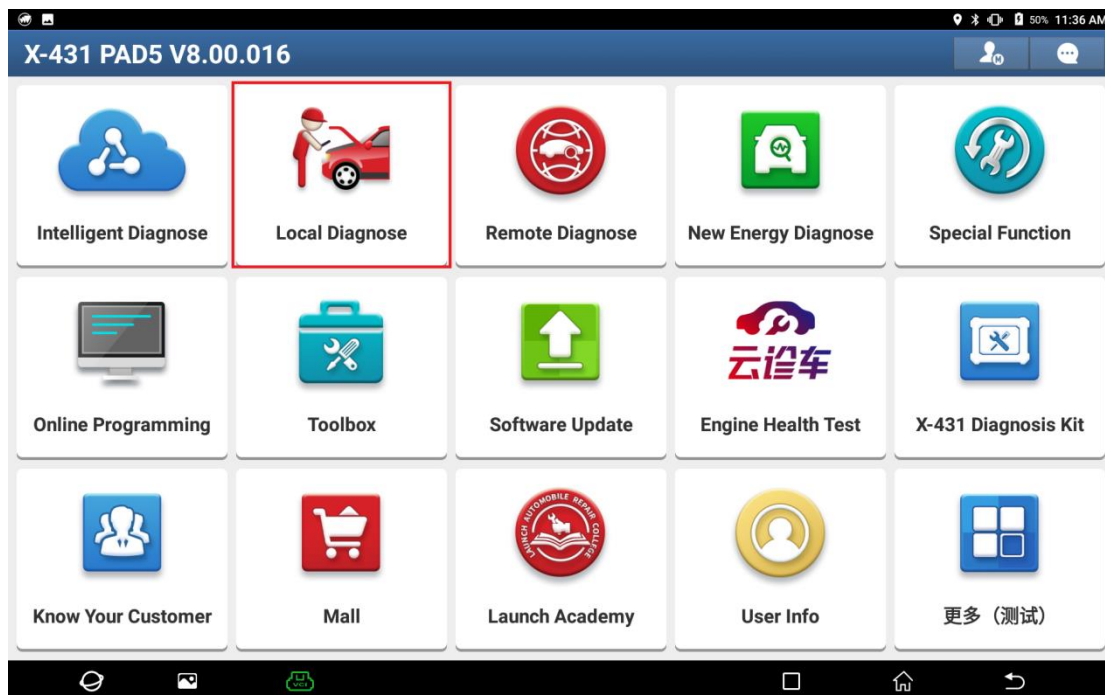
1. EMPS (Electric Motor Power Steering) ECU
2. Steering wheel
3. Steering column tilt assembly
4. Steering gear assembly

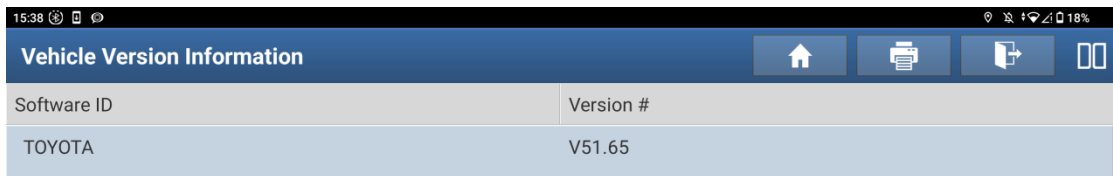
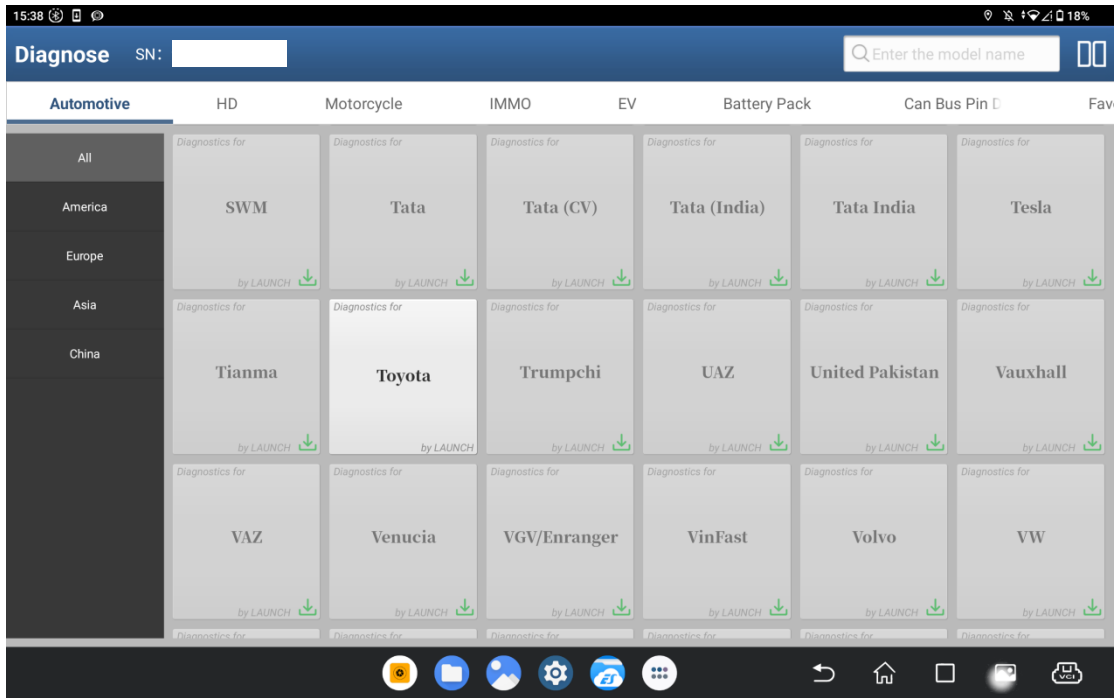
## Execution Conditions:

- Vehicle stationary
- Ignition switch ON (for hybrid models, the Ready indicator is on)

## Procedure:

1. On a PAD 5, choose [Local Diagnose], and then choose [Toyota] for testing.





### Toyota/Lexus Diagnostic Software V51.65

#### Update

**Summary:**

- The diagnostic software structure has been optimized.

**New Functions:**

- None

**Optimized Functions:**

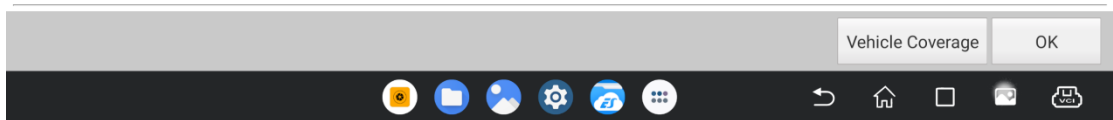
- None

**Fixed Bugs:**

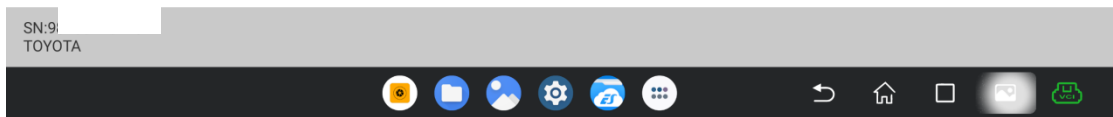
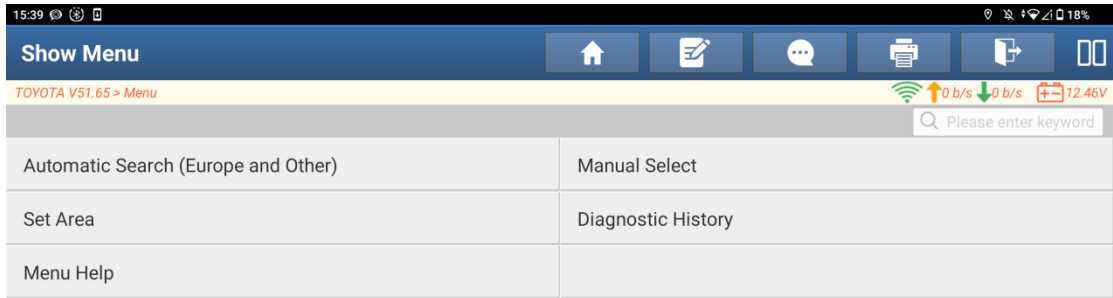
- None

**Maintenance Service Update:**

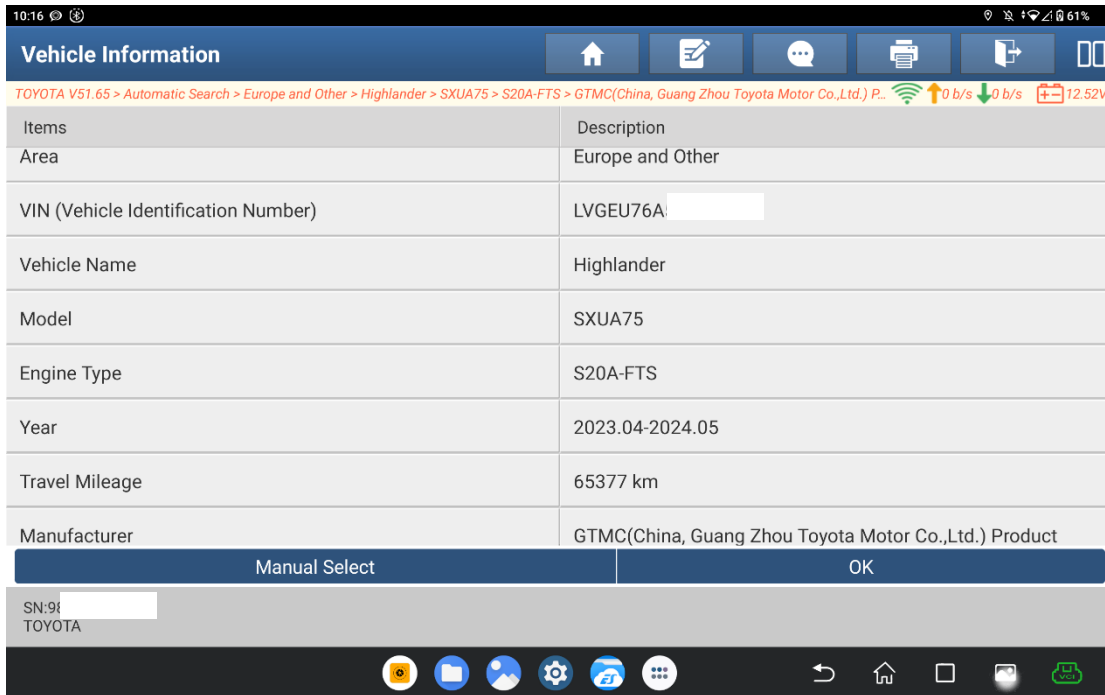
- None



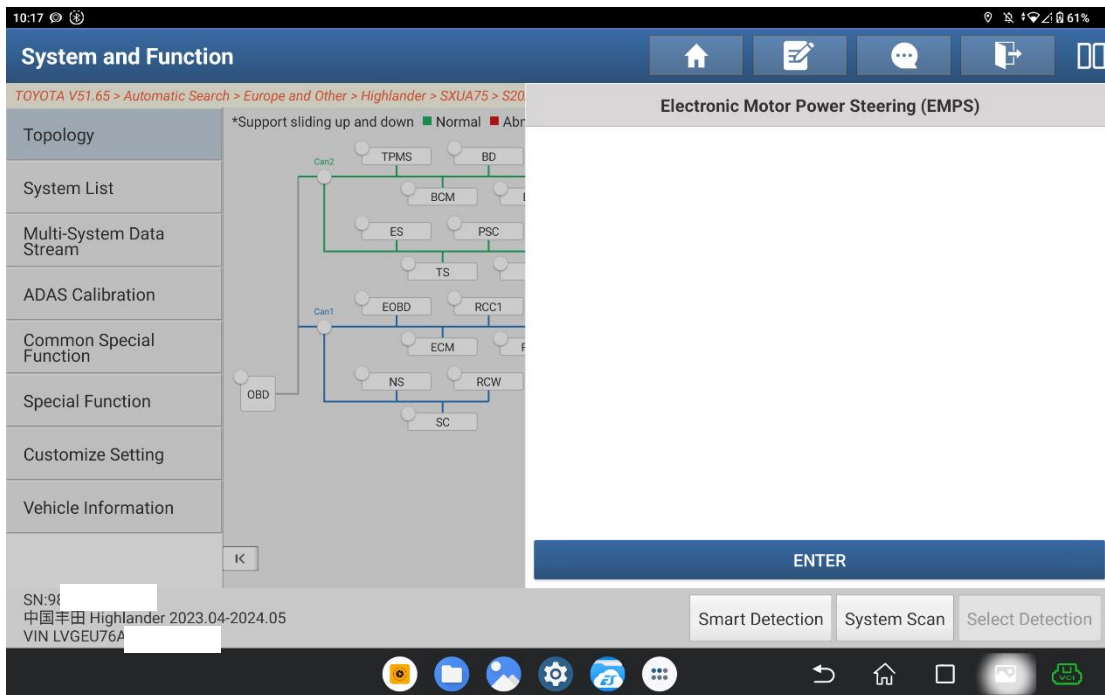
2. Click [Automatic Search (Europe and Other)] to automatically identify the car model. You can choose your region in [Set Area]; for this test, choose [Europe and Other].



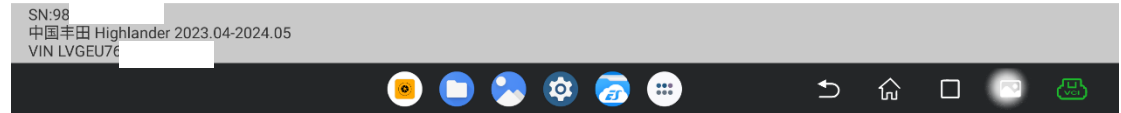
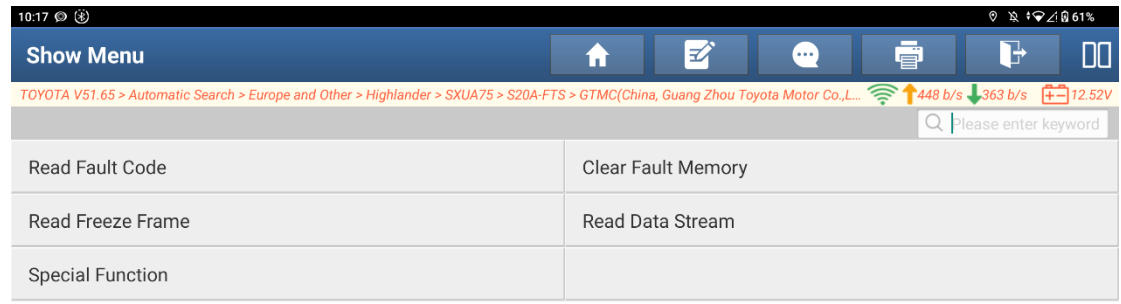
3. Confirm the vehicle information, and then click [OK].



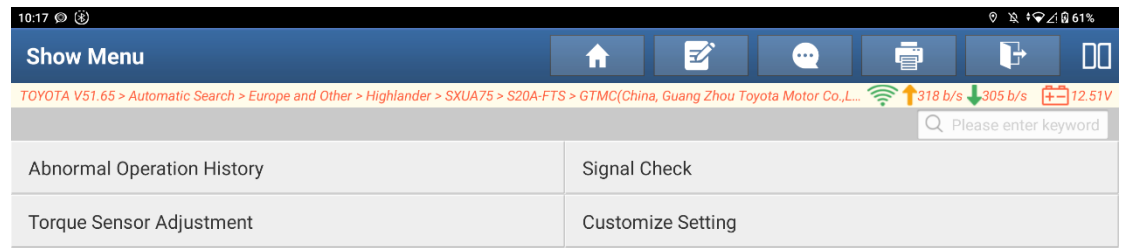
4. Choose [EMPS (Electric Motor Power Steering)] and click [ENTER].



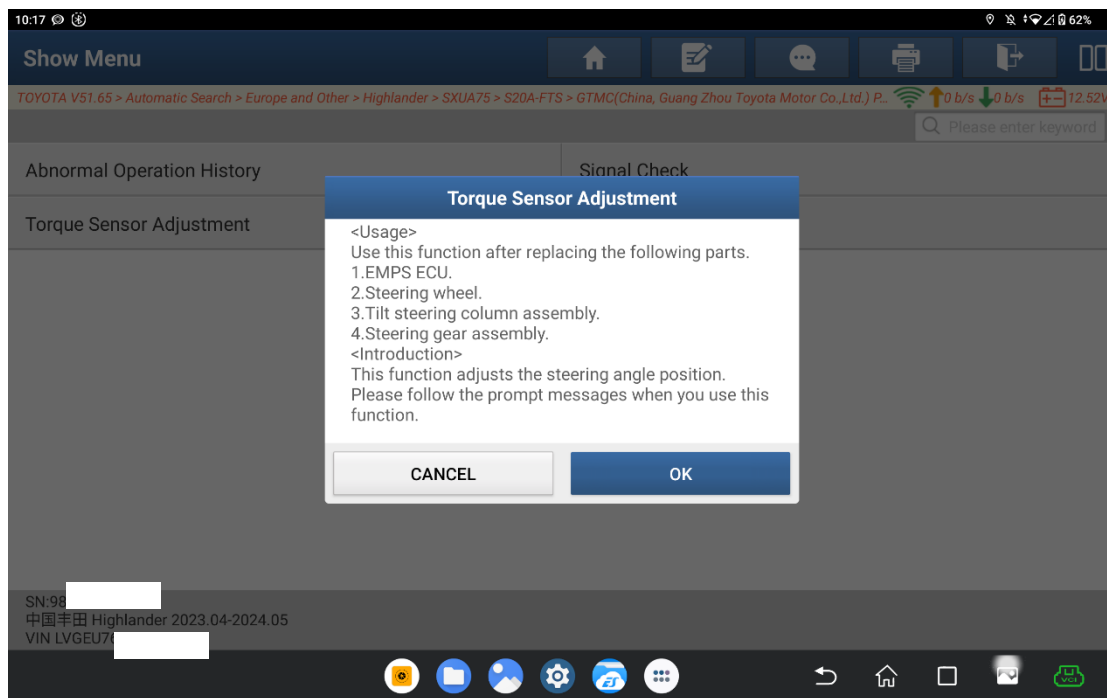
5. Choose [Special function].



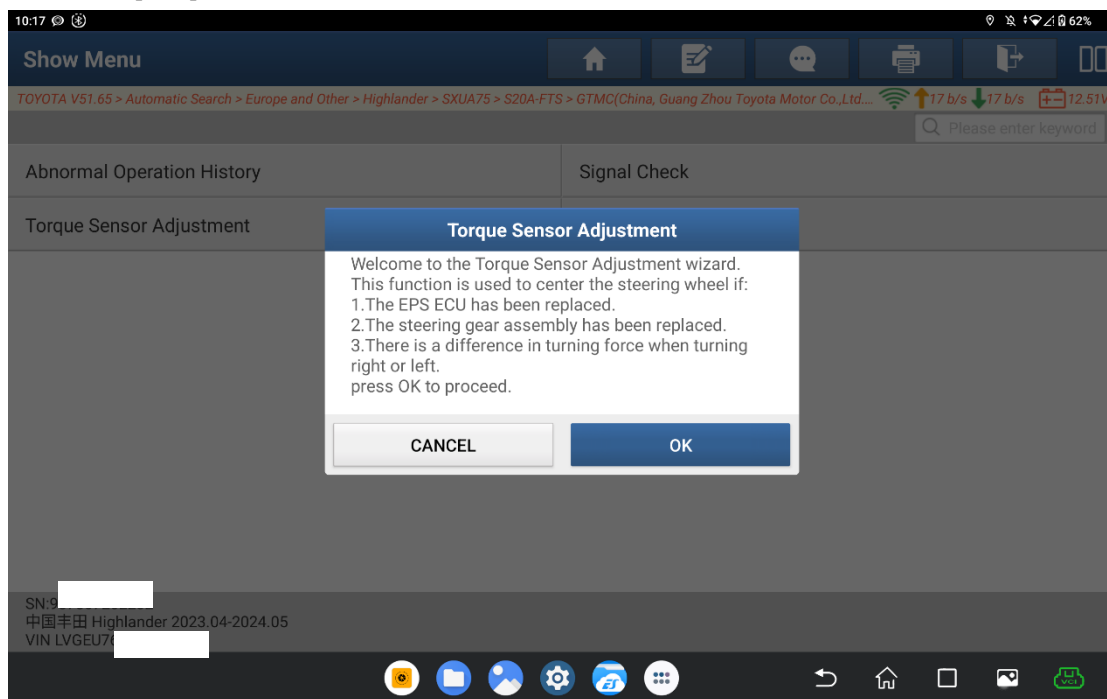
6. Choose [Torque Sensor Adjustment].



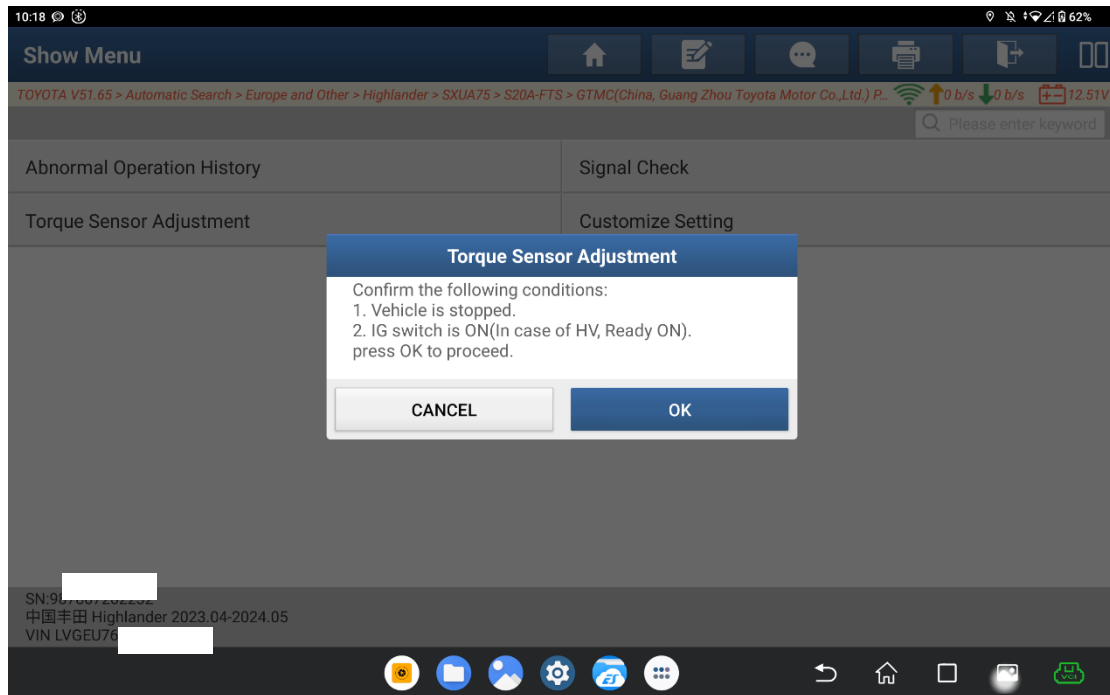
7. Click [OK].



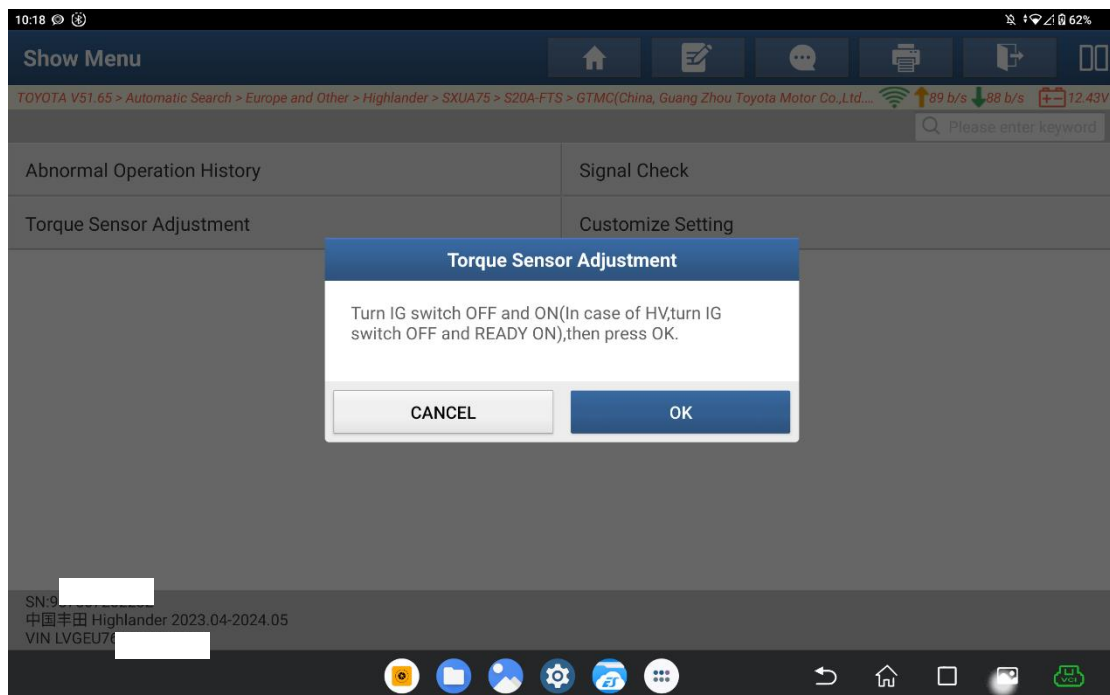
8. Click [OK].



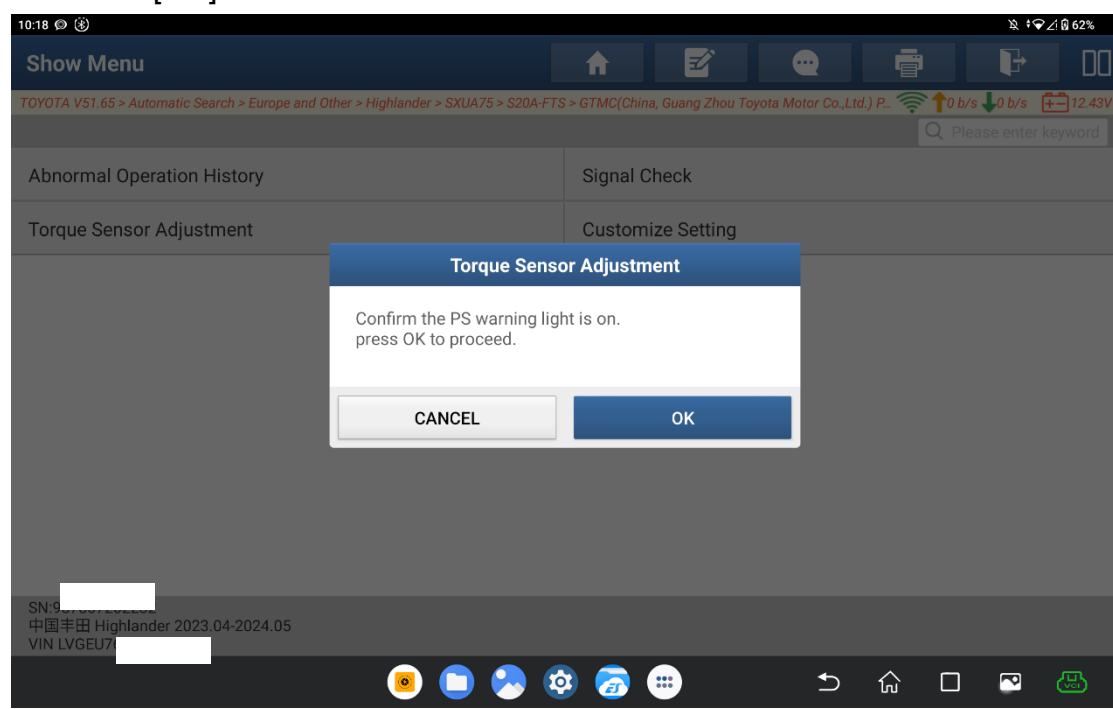
9. The test conditions required to execute this function will be prompted. Follow the prompts to meet the relevant conditions, otherwise the execution will fail. If all conditions are met, click [OK].



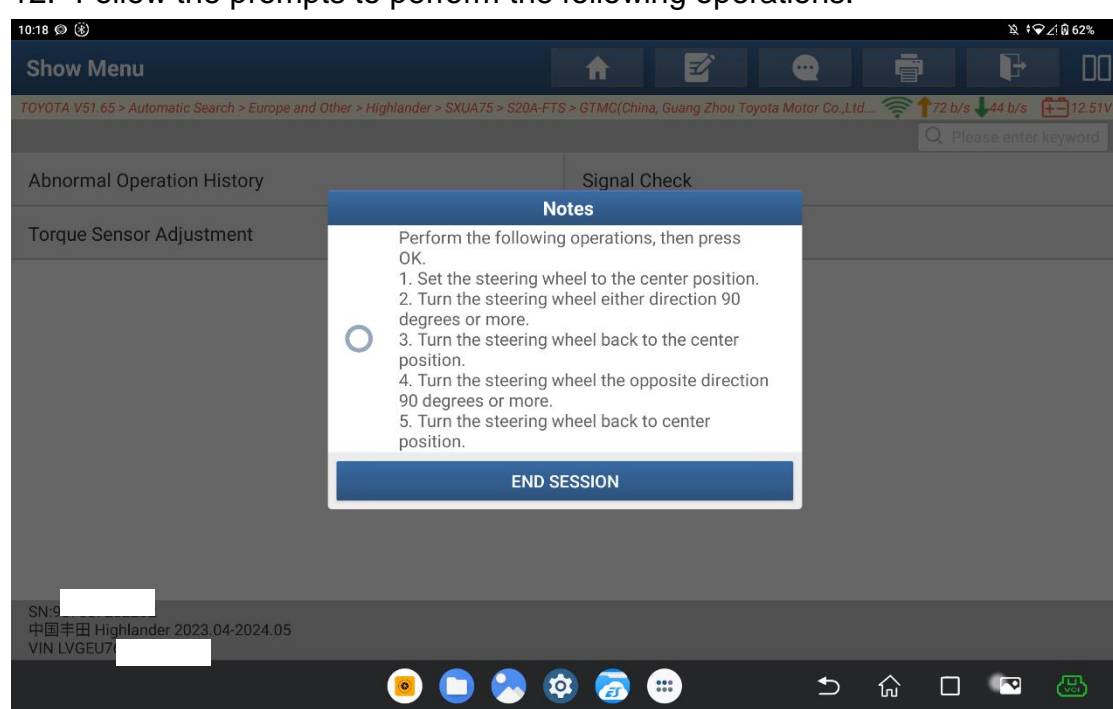
10. Follow the prompts to perform the following operations.



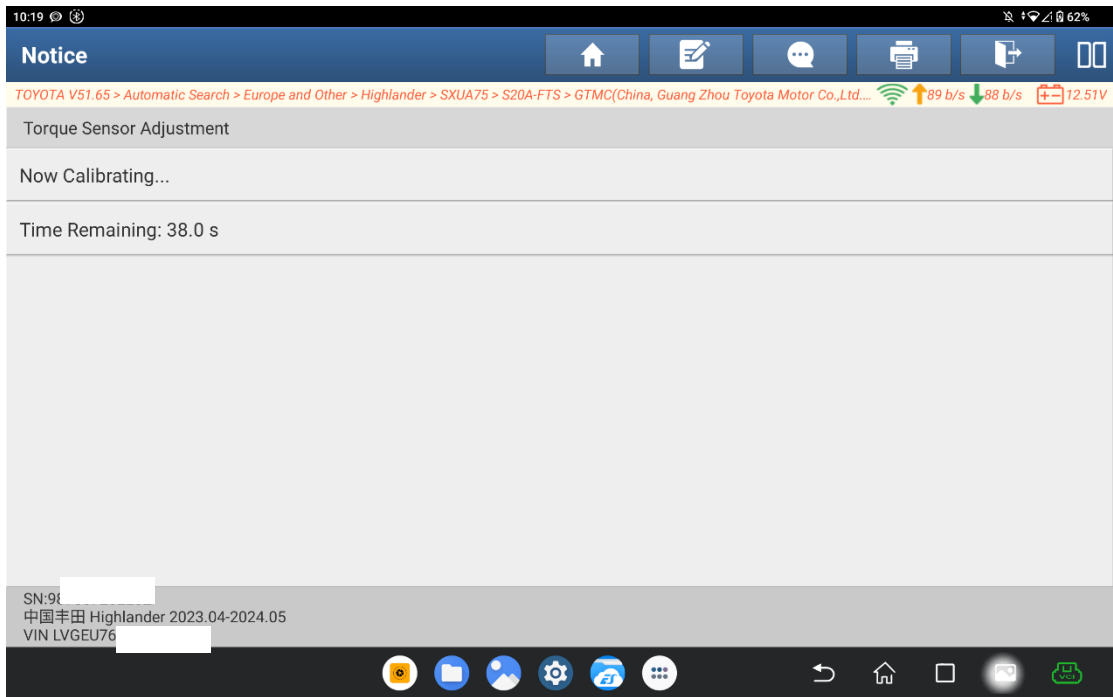
11. Click [OK].



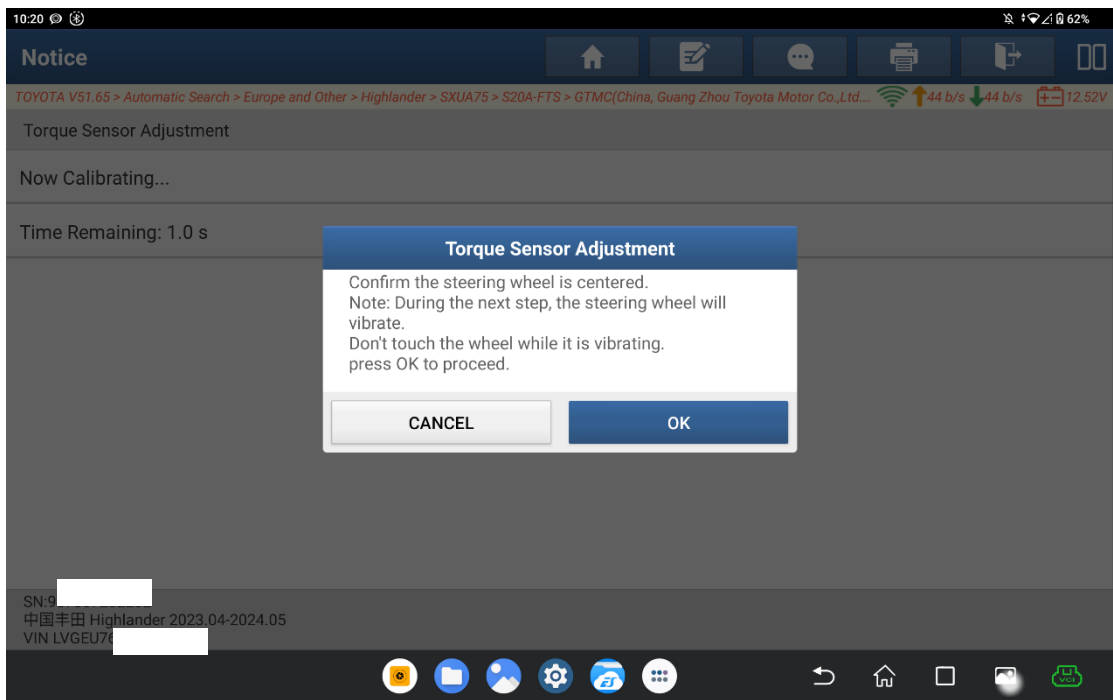
12. Follow the prompts to perform the following operations.



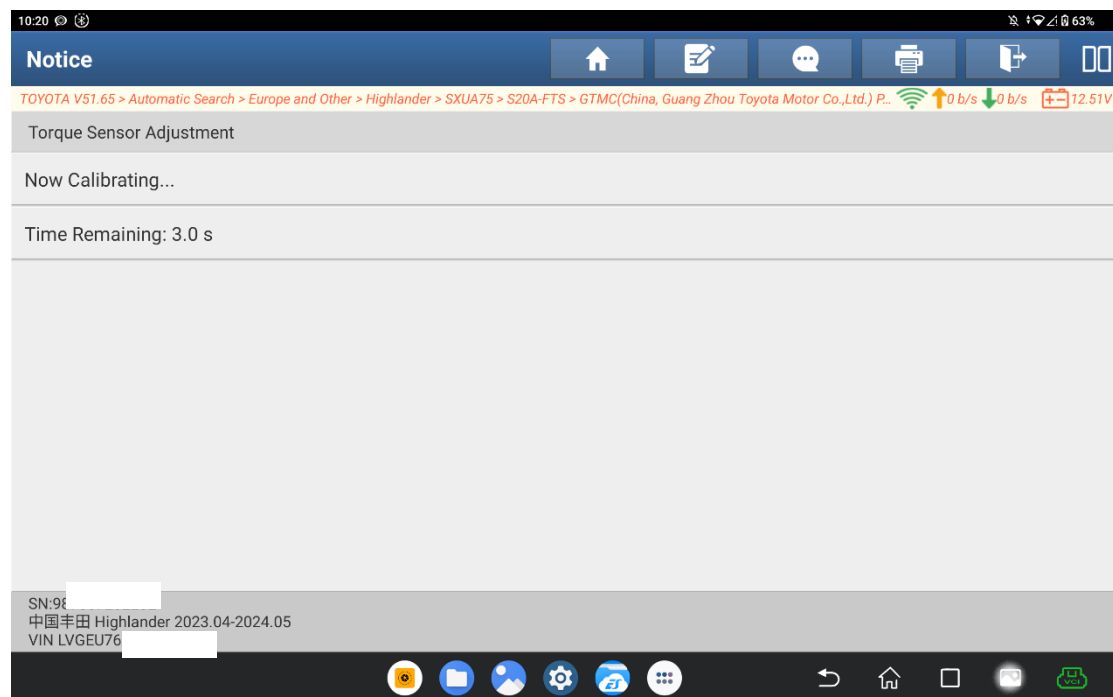
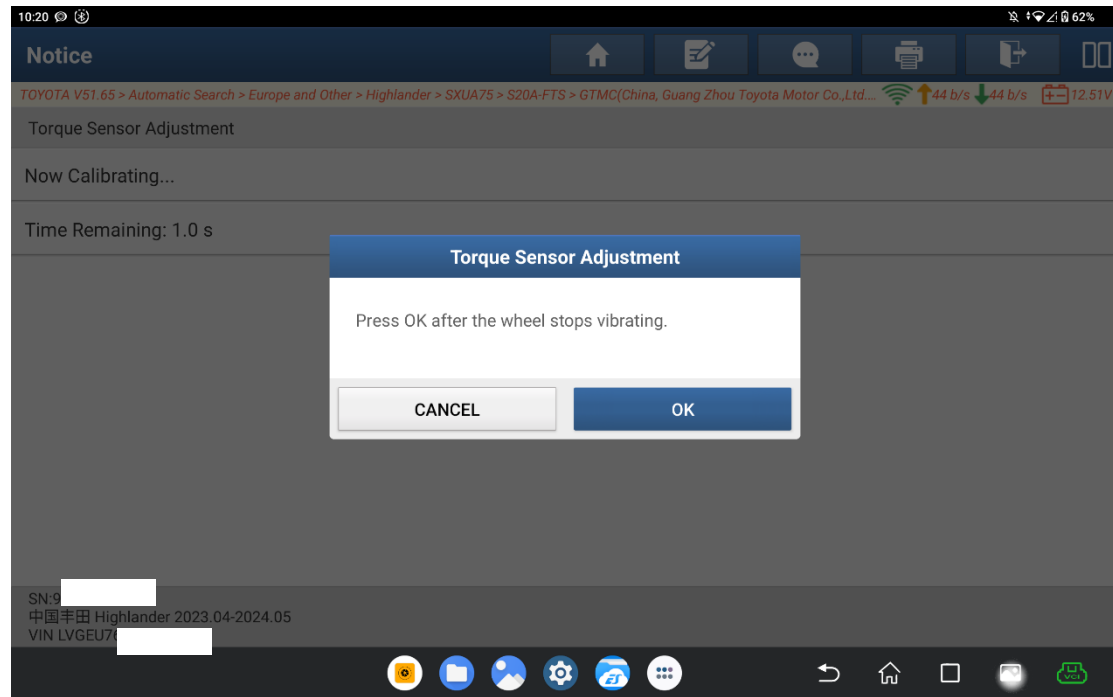
13. Calibration in progress. Please wait for 40 seconds.



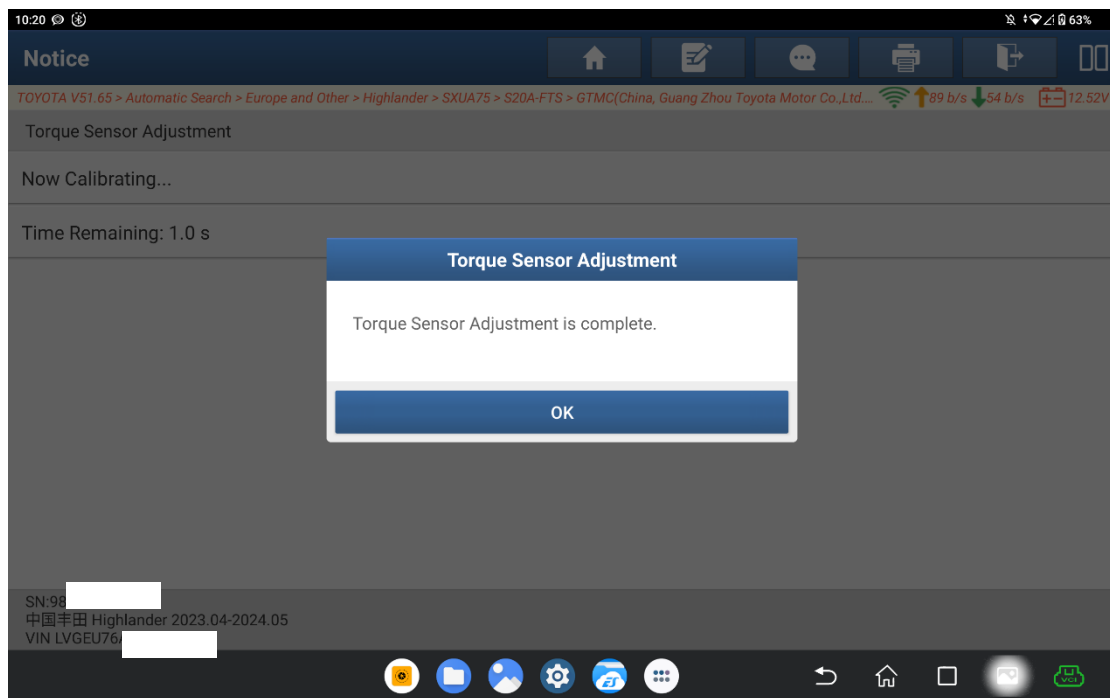
14. After confirming that the conditions in the prompts are met, click [OK].



15. Click [OK].



16. Torque sensor adjustment is completed. Click [OK] to exit the function.



## Statement:

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