

Steering Angle Learning

Tested Model: BENZ GLK 300 2010

Function Description:

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

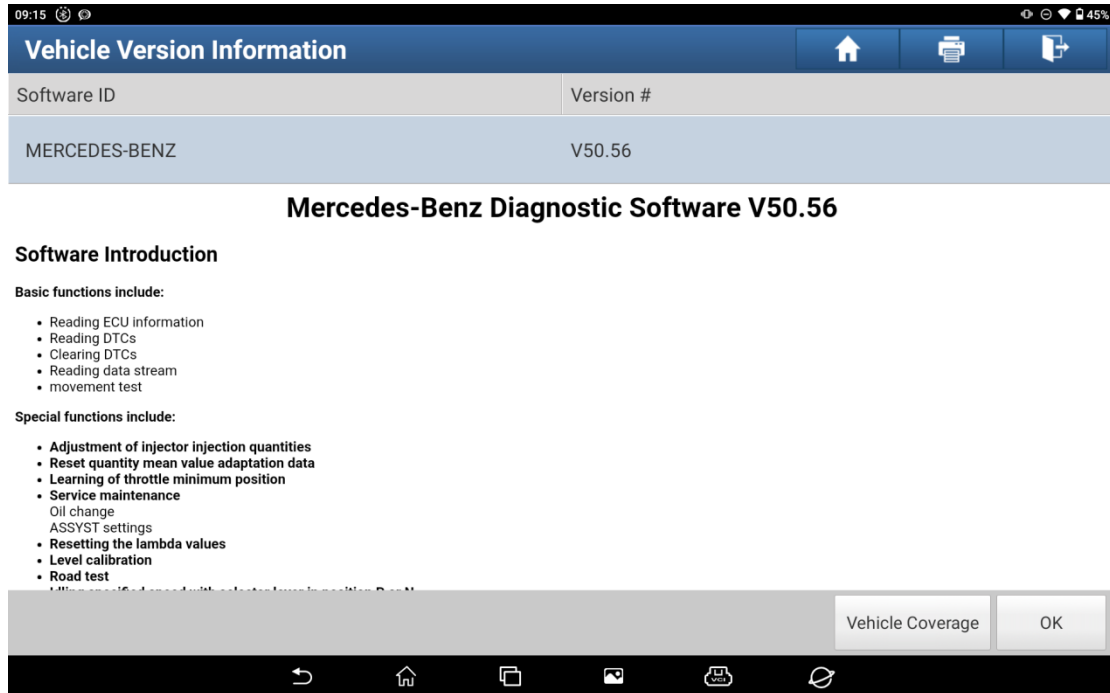
1. EPS (Electric Power Steering) ECU
2. Steering wheel
3. Steering column tilt adjustment assembly
4. Steering gear assembly

Execution Conditions:

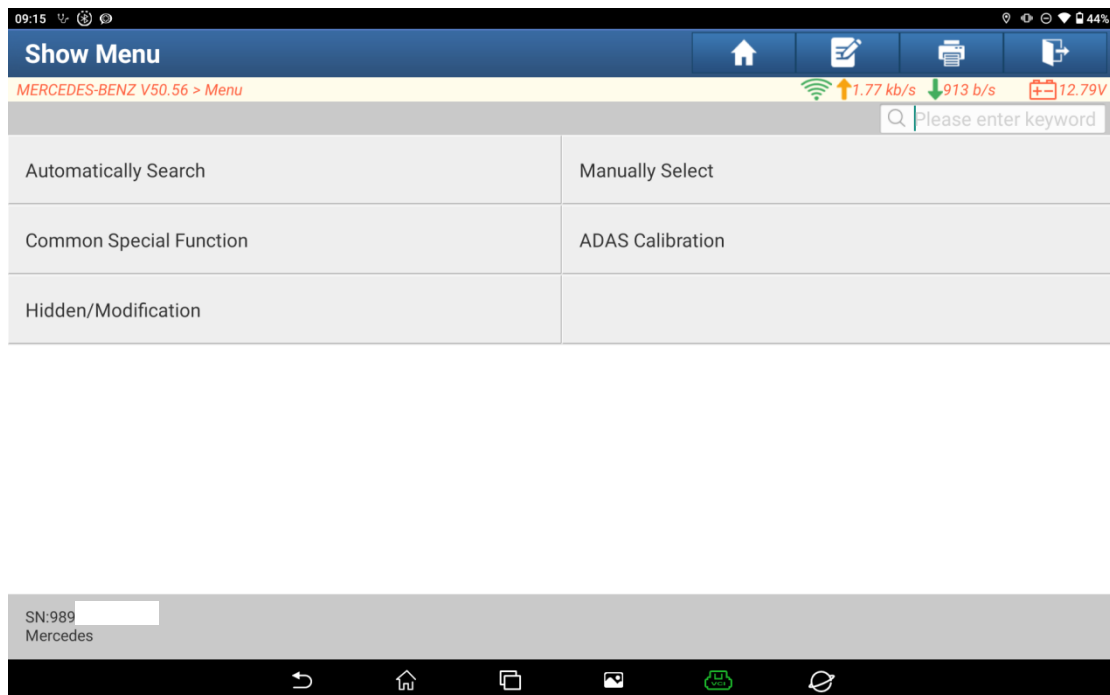
- Vehicle stationary
- No DTCs currently present
- Brake pedal not pressed
- Steering wheel in the center position

Procedure:

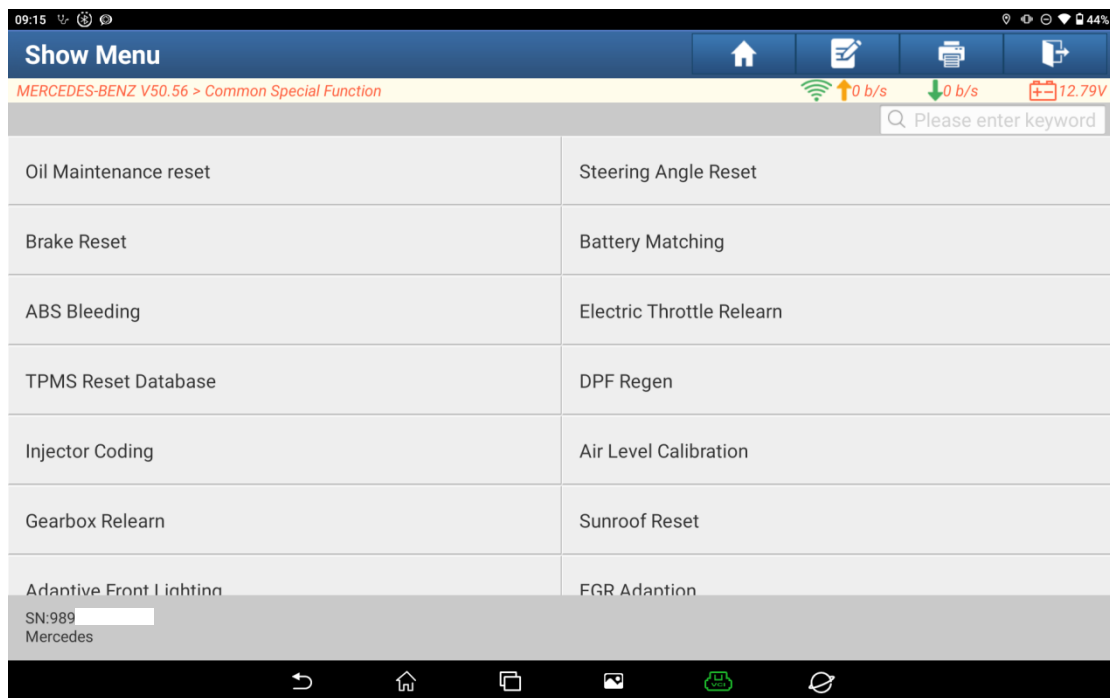
1. Choose [Local Diagnose], and then choose [Mercedes-Benz] for testing.



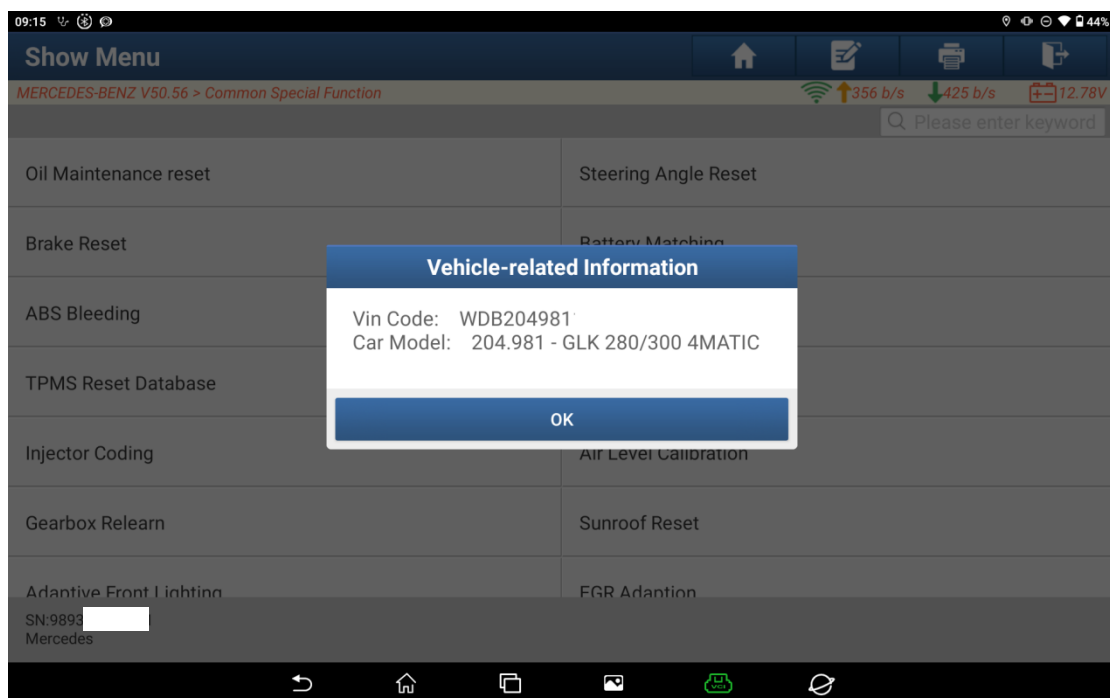
2. Choose [Common Special Function].



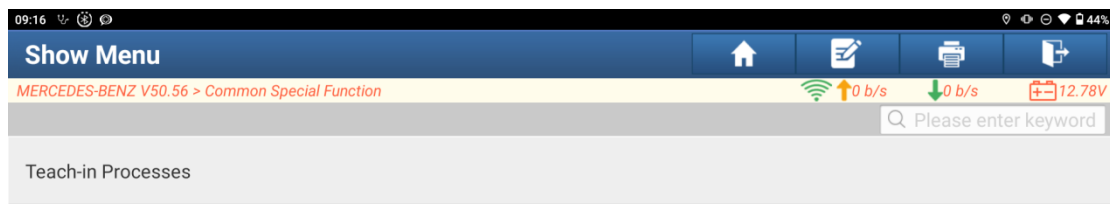
3. Choose [Steering Angle Reset].



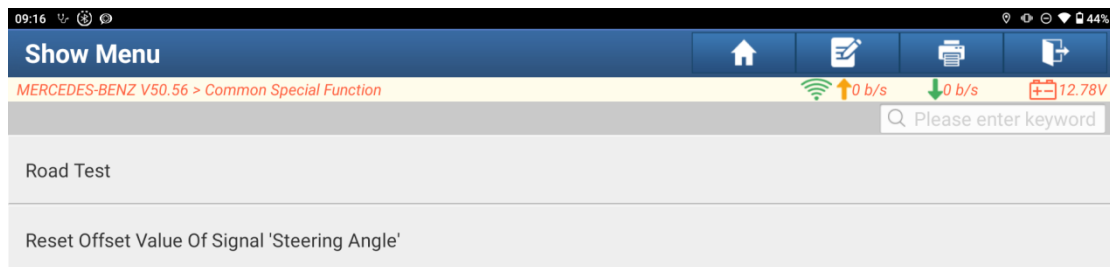
4. Confirm the vehicle information and click “OK”.



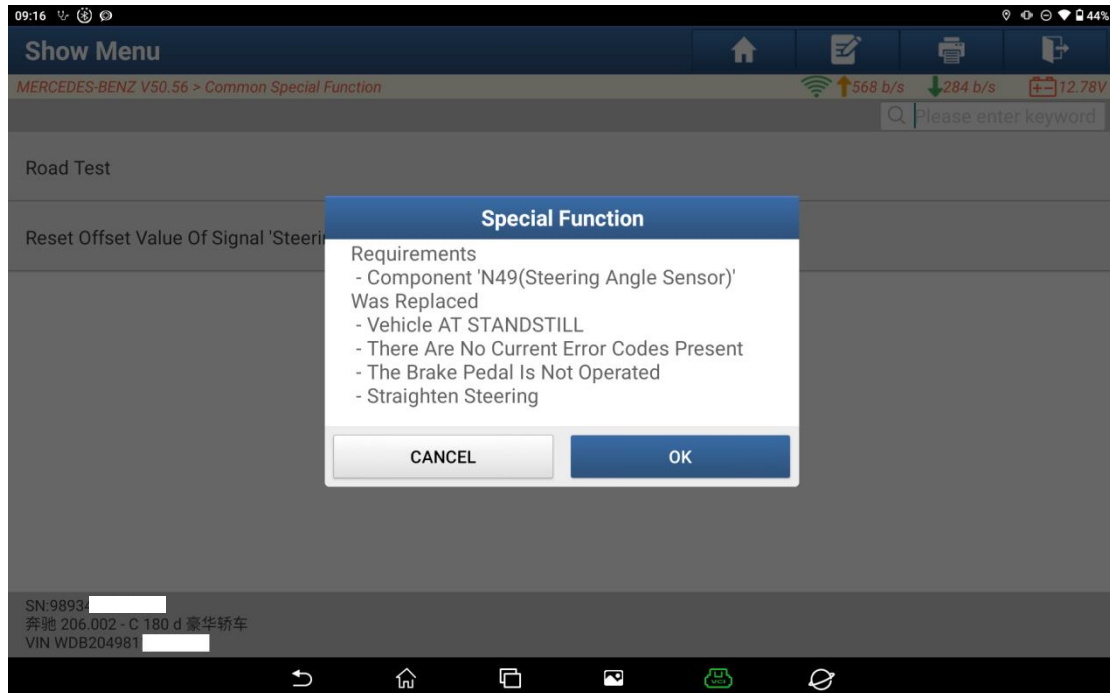
5. Choose [Teach-in Processes].



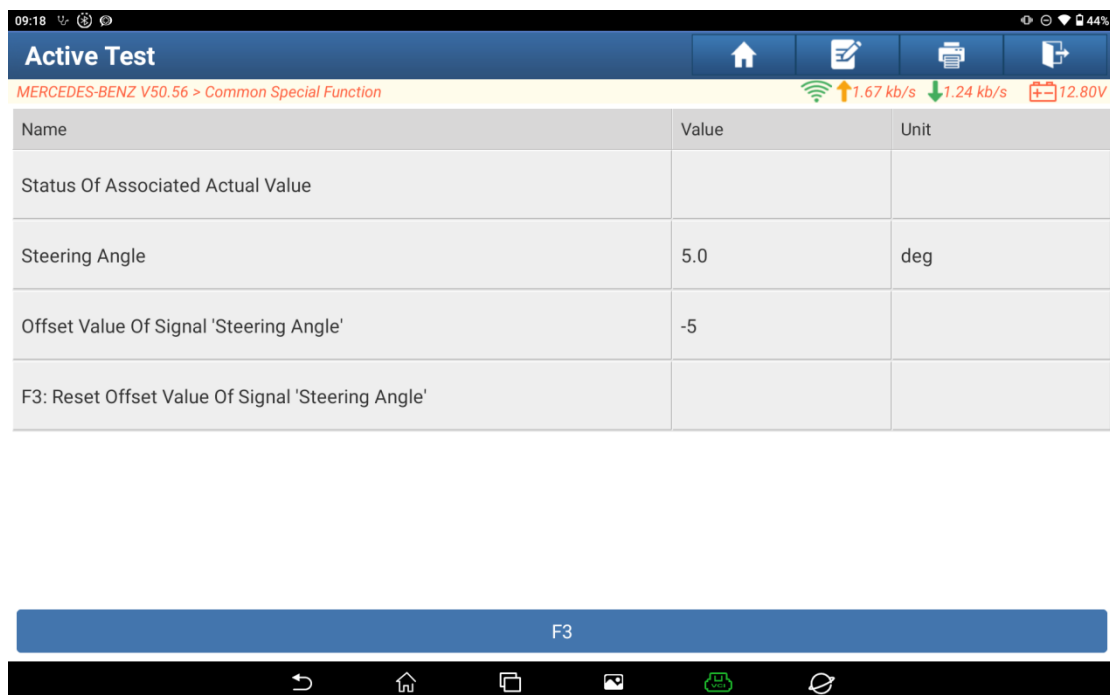
6. Choose [Reset Offset Value Of Signal 'Steering Angle'].



7. Confirm the function execution conditions. After all conditions are met, click “OK”.



8. Choose “F3”.



9. Function execution completed. Steering angle offset value successfully reset.



The screenshot shows the 'Active Test' screen of a diagnostic tool. At the top, there's a status bar with the time 09:19 and battery level 44%. Below it, the title 'Active Test' is displayed. A navigation bar contains icons for home, edit, print, and share. A yellow status bar indicates the vehicle is a 'MERCEDES-BENZ V50.56' and shows network speeds of 1.70 kb/s and 1.30 kb/s, along with a battery voltage of 12.78V. The main area contains a table with three columns: Name, Value, and Unit.

Name	Value	Unit
Status Of Associated Actual Value		
Steering Angle	0.0	deg
Offset Value Of Signal 'Steering Angle'	0	
F3: Reset Offset Value Of Signal 'Steering Angle'		



Statement:

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