

2016 Mercedes-Benz S400 4MATIC Correction Programming for Specified Idle Speed with Shift Lever at P or N

Tested Model:

2016 Mercedes-Benz S400 4MATIC, VIN: WDDUX6HB5GA26****



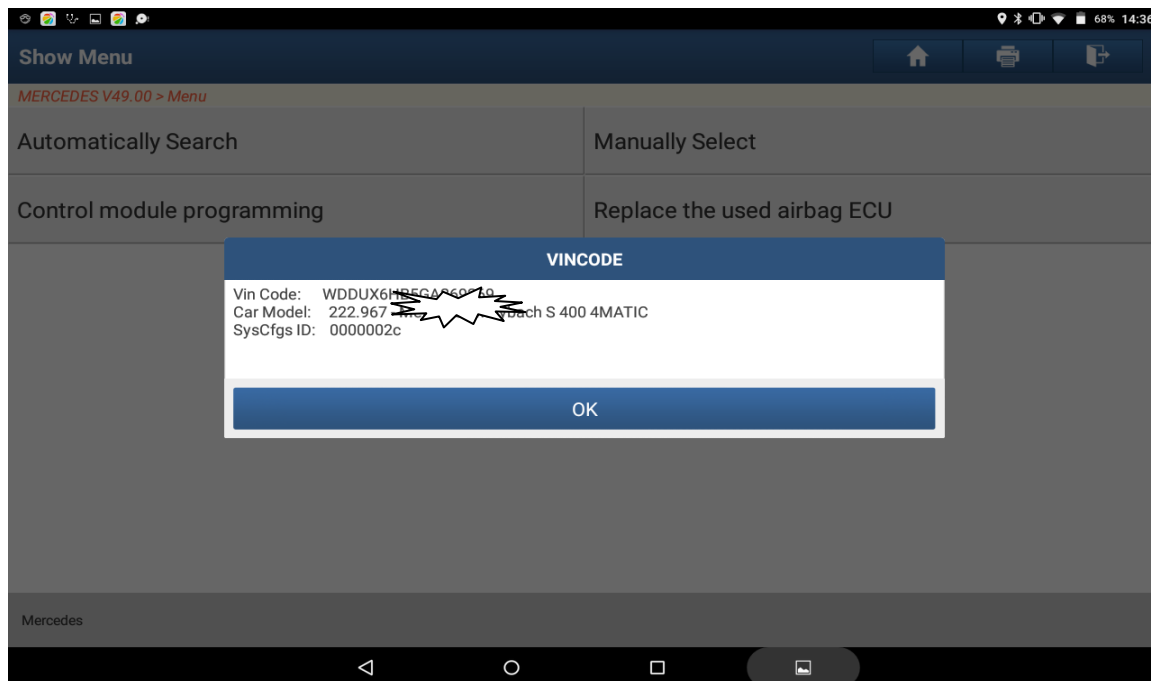


Failure Description:

Use this function to relearn the engine idle value for unstable idle after cleaning the throttle.

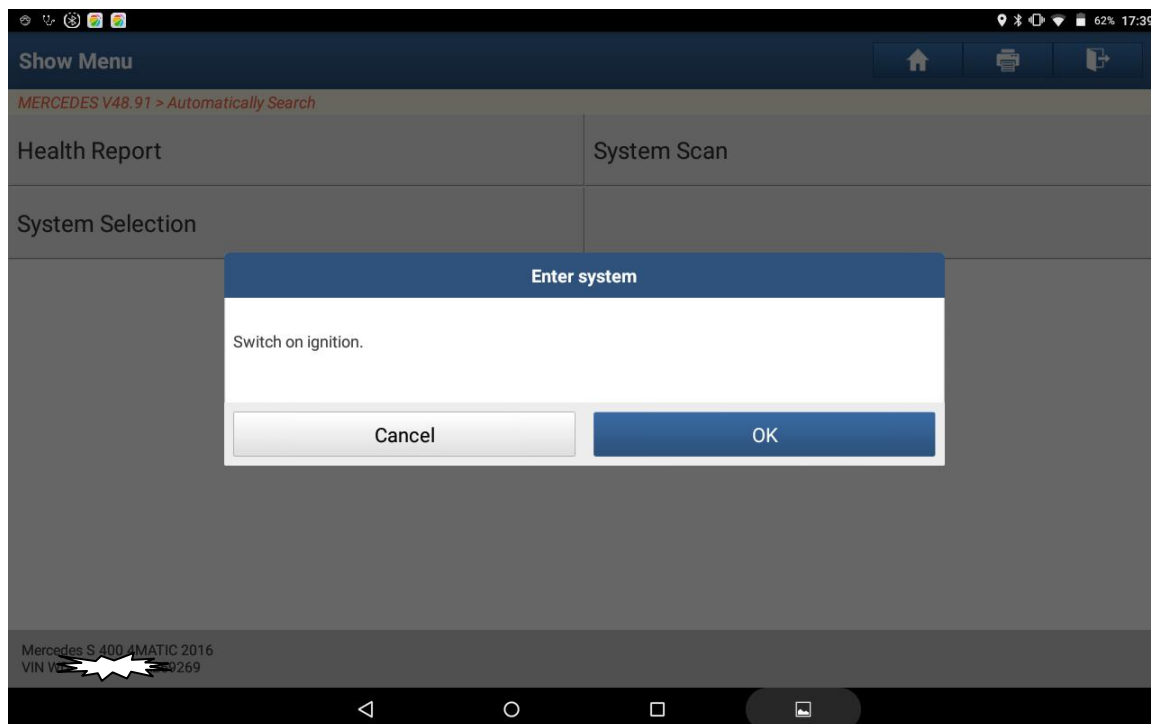
Operation Guideline:

- 1) Use X431-PADIII, enter the traditional diagnostic interface, select Mercedes-Benz model, then select Automatic Search to scan the vehicle information. After confirmation, click OK to enter the test, see Picture 1.



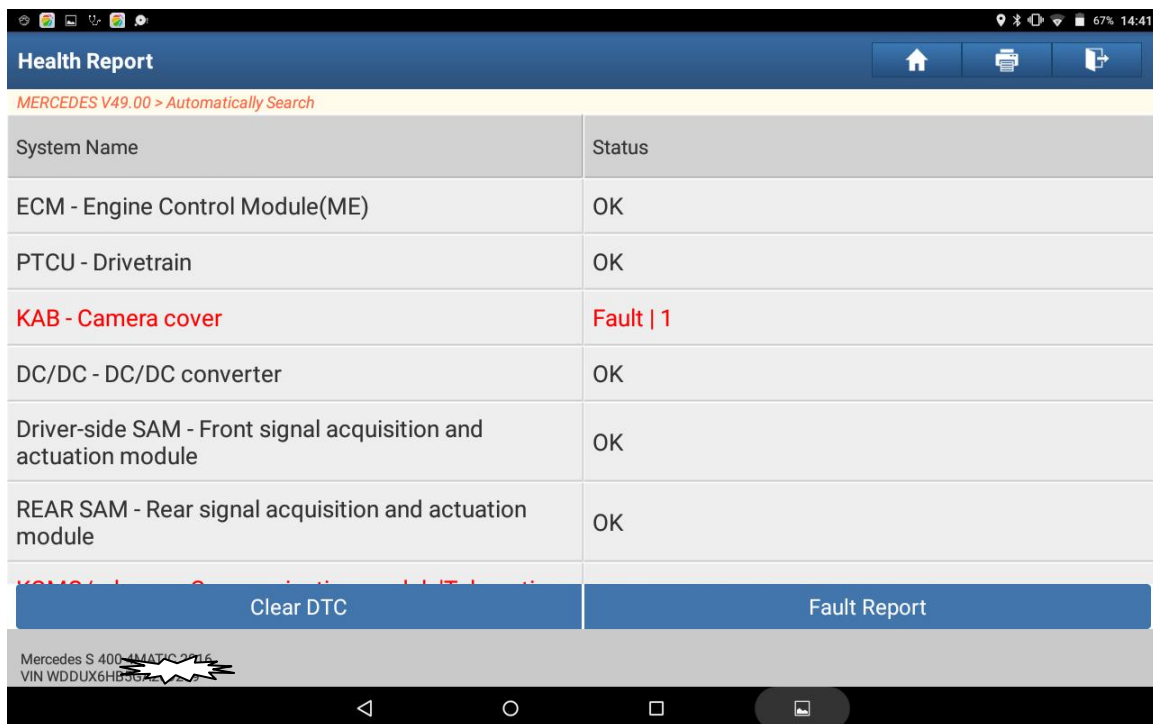
Picture 1

- 2) Select Fast Test to scan the complete vehicle systems, see Picture 2.



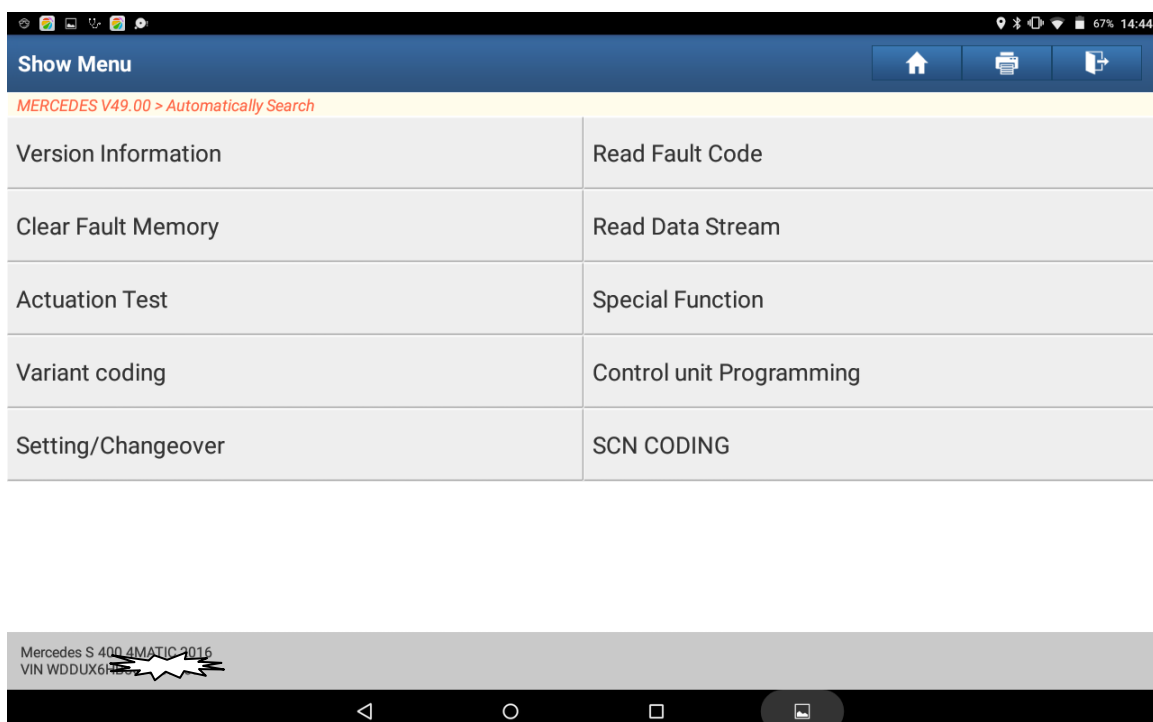
Picture 2

3) Select Engine Control Module, see Picture 3.



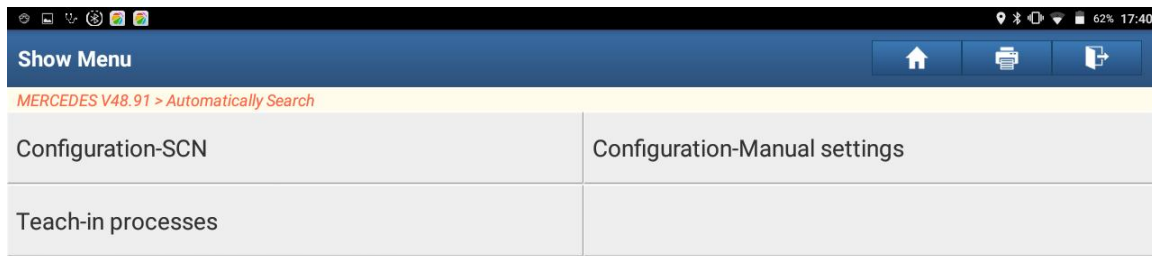
Picture 3

4) Select Special Function, see Picture 4.



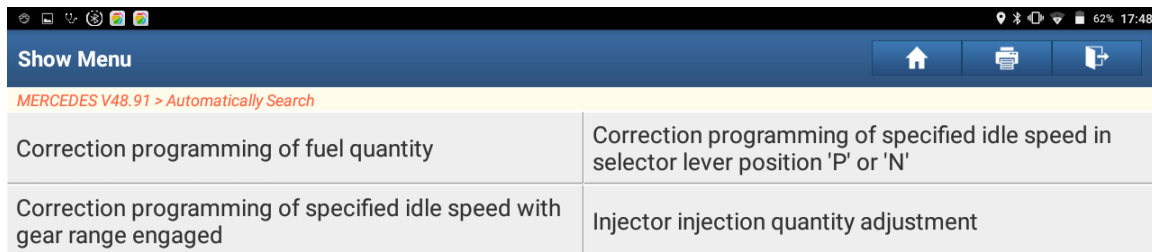
Picture 4

5) Select "Configuration-Manual Settings", see Picture 5.



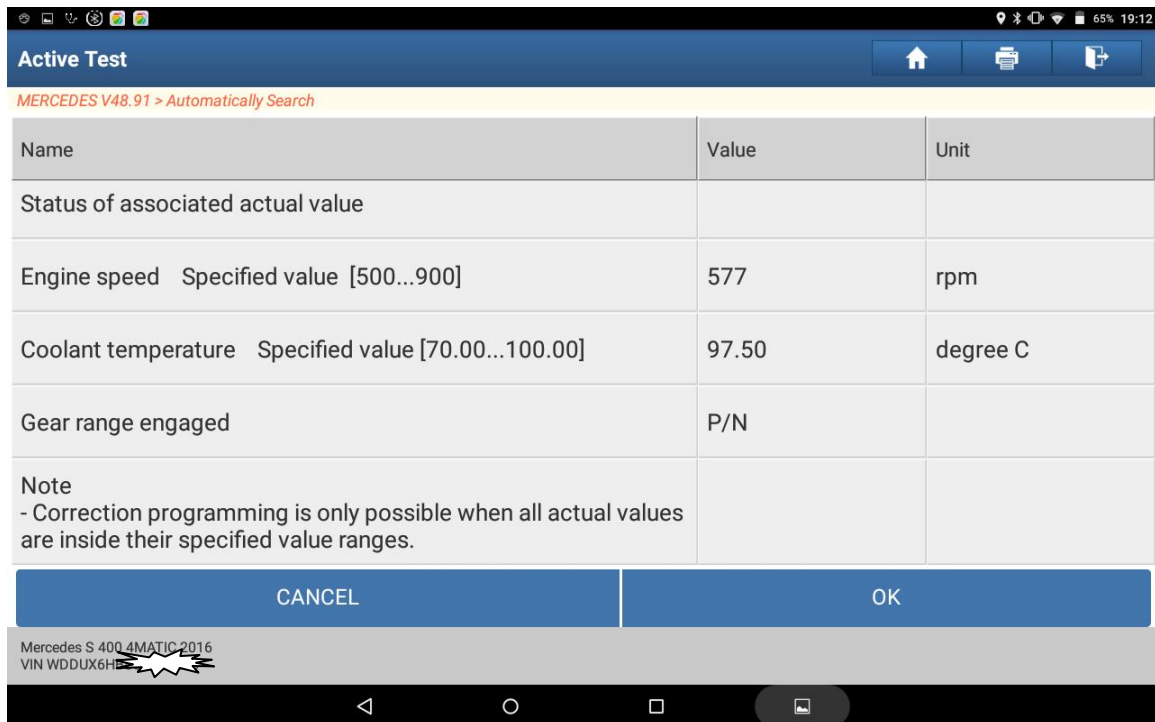
Picture 5

6) Select "Correction programming of specified idle speed in selector lever position P or N", see Picture 6.



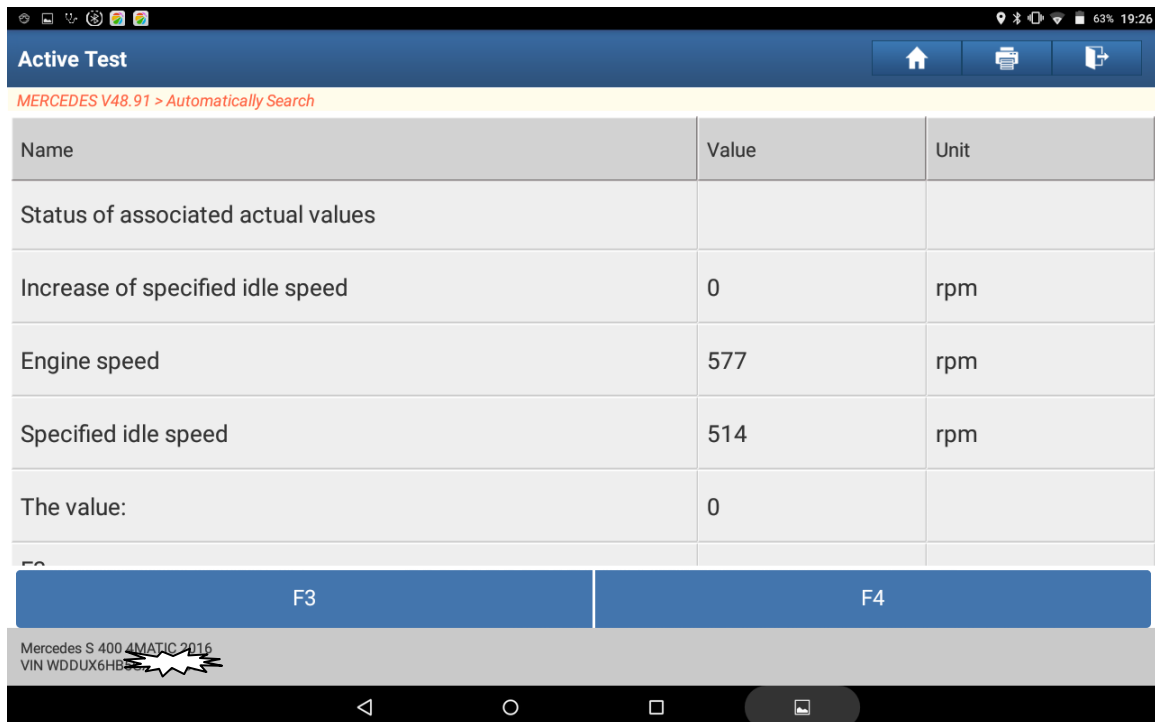
Picture 6

7) After satisfying the condition of Engine speed between 500-900rpm and coolant temperature between 70-100°C, click OK to continue, see Picture 7.



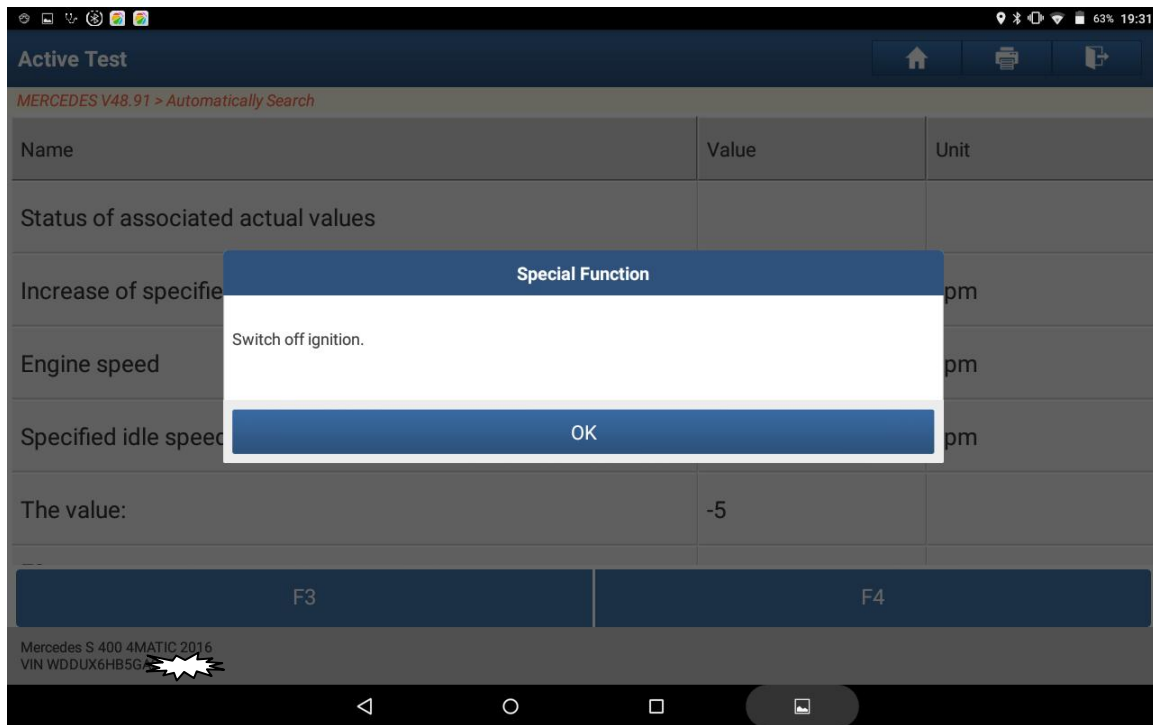
Picture 7

8) Select the idle value as required. If you want to reduce the idle speed, click "F3". To increase the idle speed, click "F4". After the idle speed set to the specified value, click back button on the lower right corner, see Picture 8.



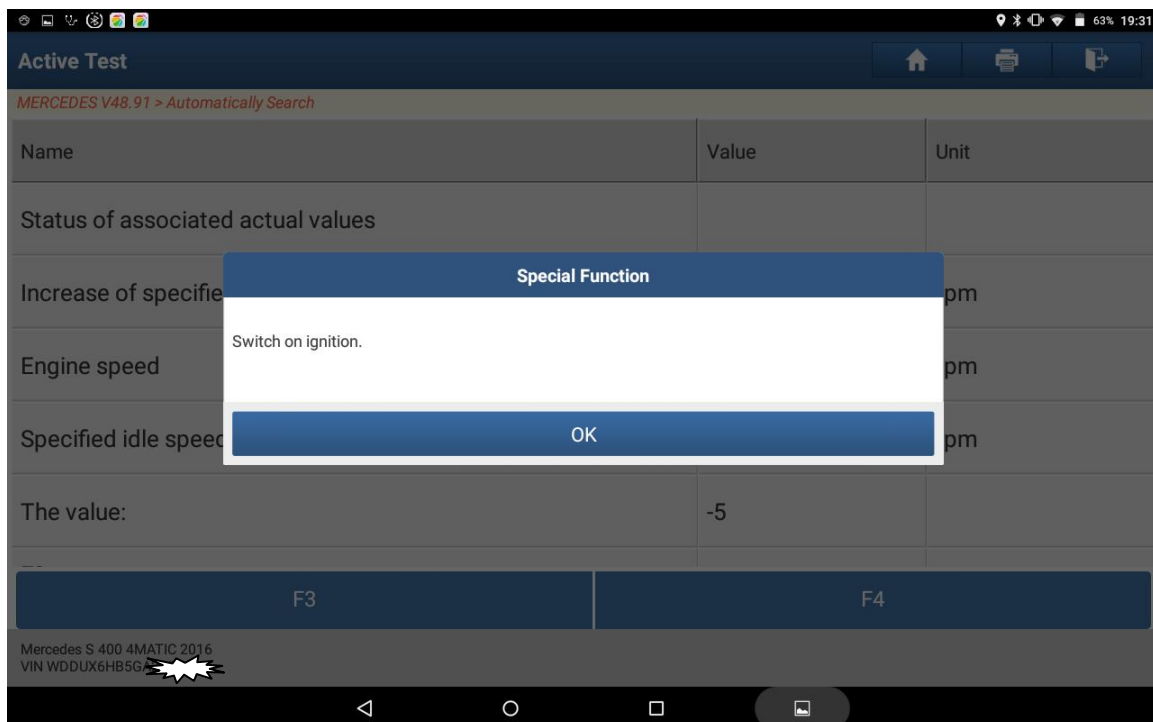
Picture 8

9) It prompts "Switch off ignition", after satisfying the condition, click OK, see Picture 9.



Picture 9

10) Switch on ignition as prompted, then click OK, see Picture 10.



Picture 10

- 11) Turn on the ignition and start the engine. Click OK to enter this function and observe whether the engine idle has reached the set idle value. If reached, click Back to exit this function.

Declaration:

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