

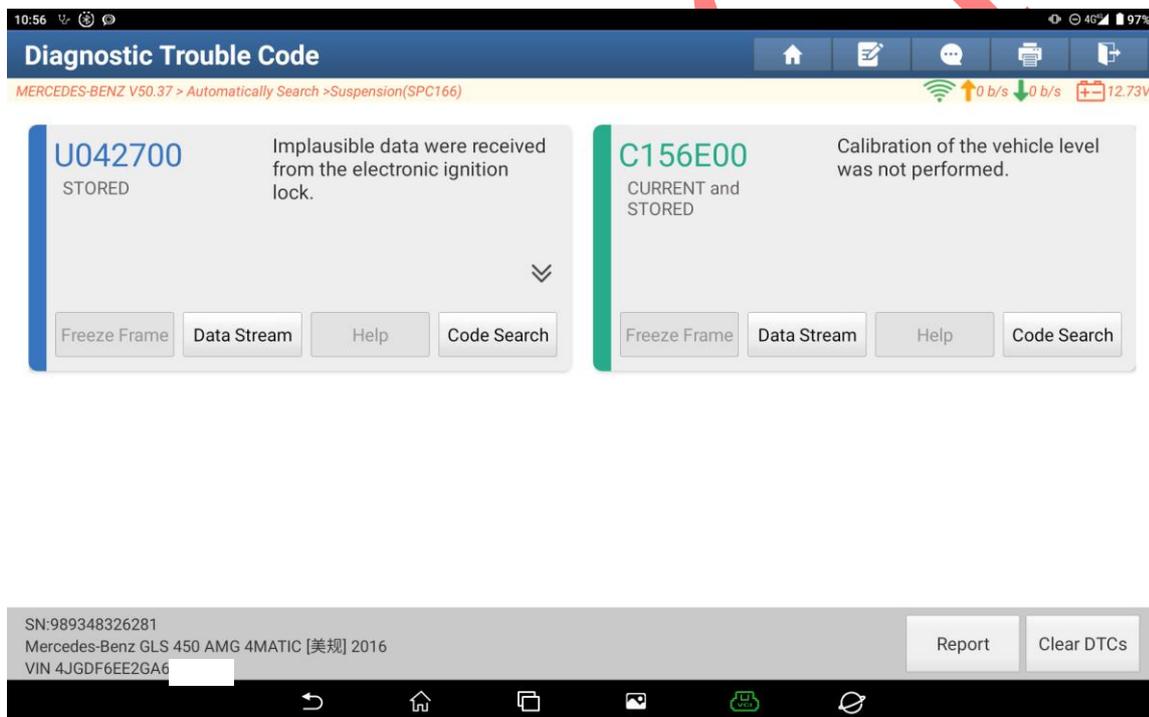
# 2017 Mercedes-Benz GLS Level Calibration

**Function description:** Replace the level sensor

**Supported products:** Launch PAD 3, PAD 5, PRO5 and other comprehensive diagnostic equipment

**Tested model:** 2017 Mercedes-Benz GLS, vehicle VIN code: 4JGDF6EE2GA628\*\*\*\*

The DTCs are as follows:



# Procedure:

1. Choose [Special Function] of the air suspension system, as shown in Figure 1.

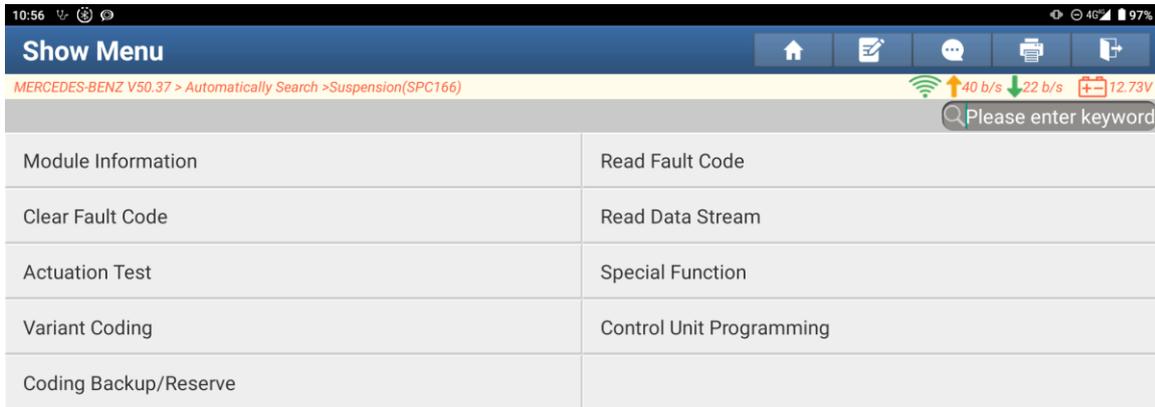


Figure 1

2. Choose [Teach-in Processes], as shown in Figure 2.

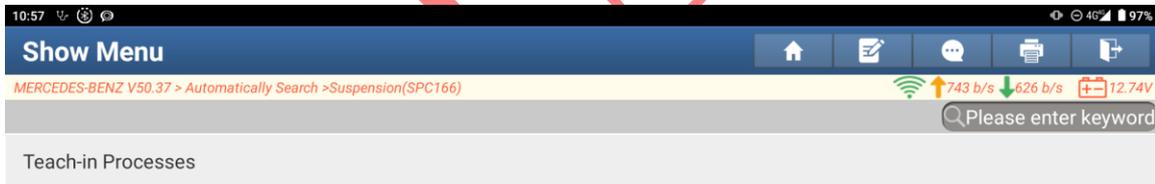


Figure 2

3. Choose [Level Calibration], as shown in Figure 3.



Figure 3

4. Turn on the ignition switch and choose OK, as shown in Figure 4.

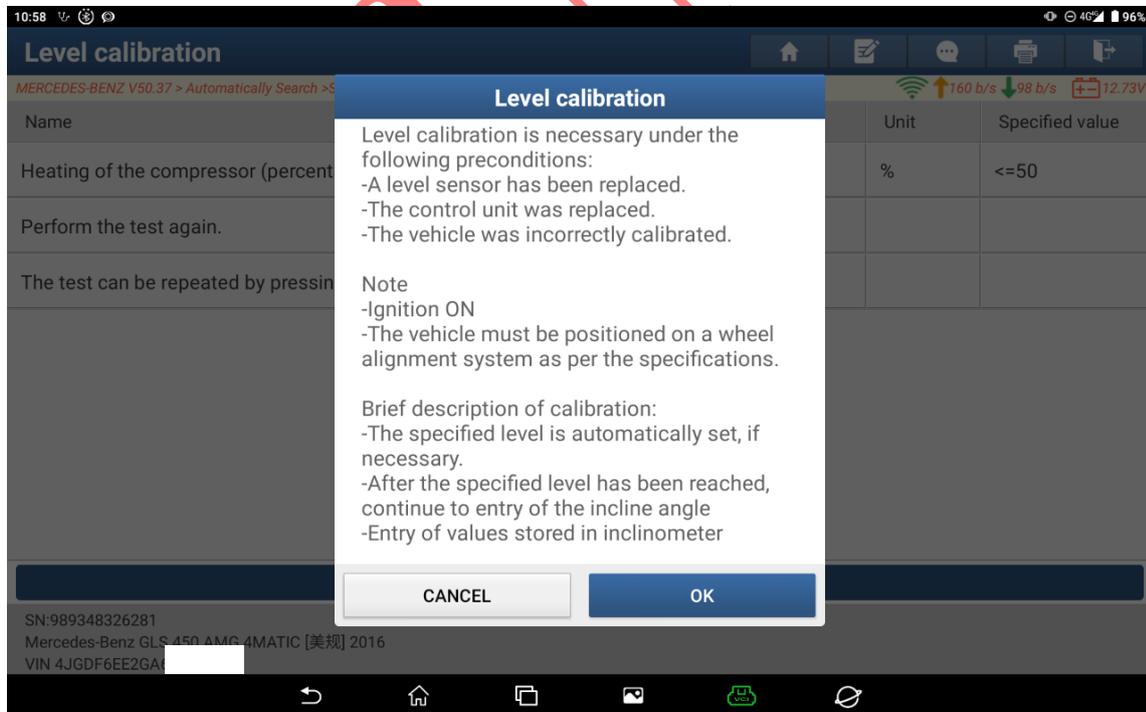


Figure 4

5. The values are not within the standard value range. Wait for the vehicle to adjust automatically, as shown in Figure 5.

The screenshot shows the 'Level calibration' screen for a Mercedes-Benz V50.37. The table below displays the current values for vehicle level, which are outside the specified ranges. The front axle and rear axle sections provide additional context on the specified incline angle ranges.

Name	Value	Unit	Specified value
Left front vehicle level [mm]	-77		[-40.0..0.0]
Right front vehicle level [mm]	-75		[-40.0..0.0]
Left rear vehicle level [mm]	-77		[-40.0..0.0]
Right rear vehicle level [mm]	-79		[-40.0..0.0]
Front axle - The specified values for the incline angle of the front axle are in the range from 4.1 deg to 9.0 deg.			
Rear axle - The specified values for the incline angle of the rear axle are in the range from -1.8 deg to 2.5 deg.			

Vehicle Information:  
 SN:989348326281  
 Mercedes-Benz GLS 450 AMG 4MATIC [美规] 2016  
 VIN 4JGDF6EE2GA

Figure 5

6. Wait until the vehicle levels are within the standard value range, as shown in Figure 6.

The screenshot shows the 'Level calibration' screen for the same Mercedes-Benz V50.37. The table below displays the current values for vehicle level, which are now within the specified ranges. The front axle and rear axle sections provide additional context on the specified incline angle ranges.

Name	Value	Unit	Specified value
Left front vehicle level [mm]	-31		[-40.0..0.0]
Right front vehicle level [mm]	-29		[-40.0..0.0]
Left rear vehicle level [mm]	-31		[-40.0..0.0]
Right rear vehicle level [mm]	-26		[-40.0..0.0]
Front axle - The specified values for the incline angle of the front axle are in the range from 4.1 deg to 9.0 deg.			
Rear axle - The specified values for the incline angle of the rear axle are in the range from -1.8 deg to 2.5 deg.			

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Figure 6

7. Click [Continue], as shown in Figure 7.

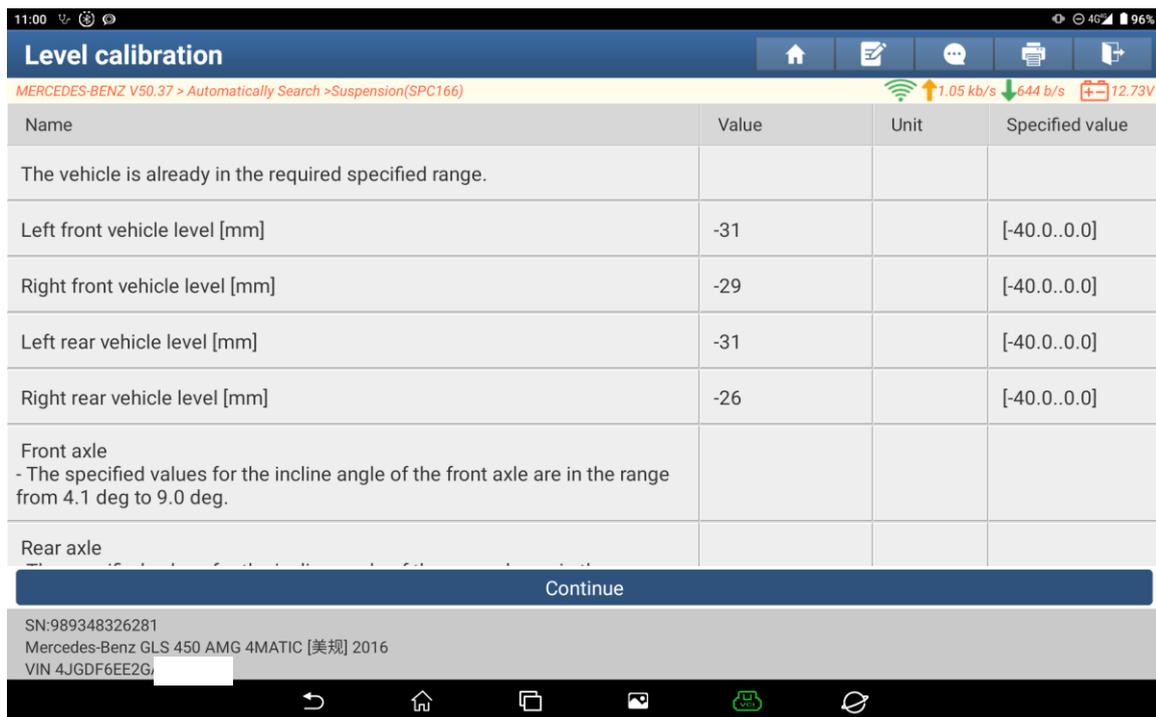


Figure 7

8. Click [F3], as shown in Figure 8.

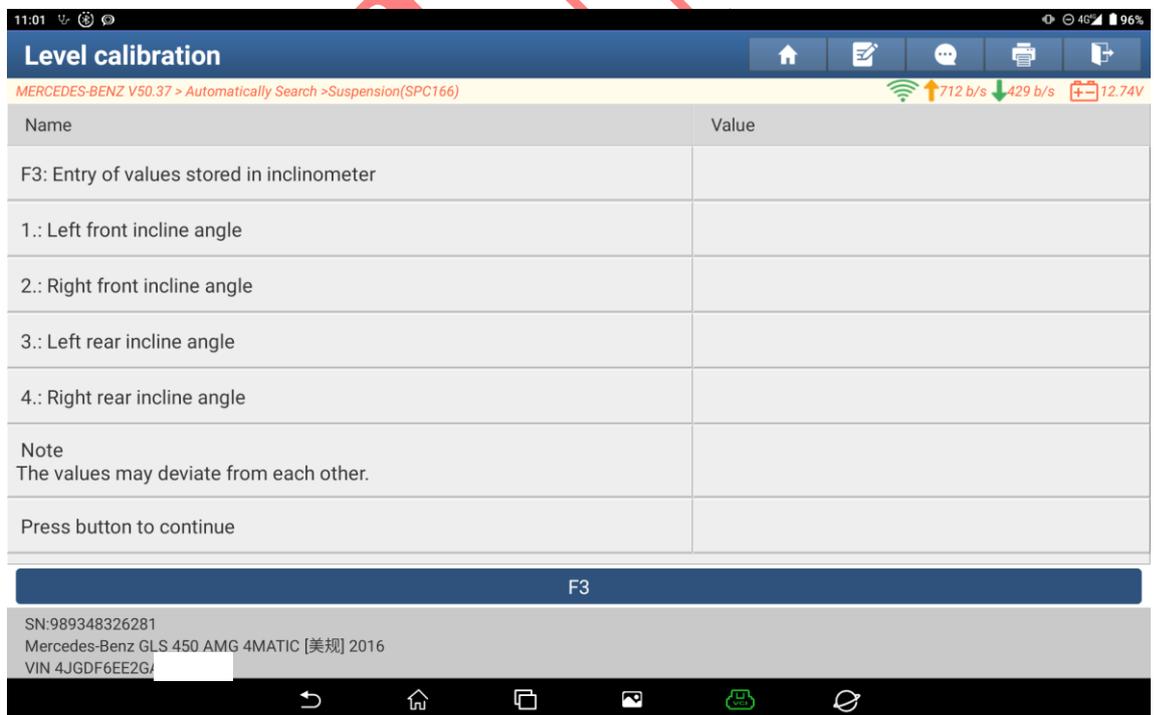


Figure 8

9. If there is no measuring tool, select the middle value to enter and click OK, as shown in Figure 9.

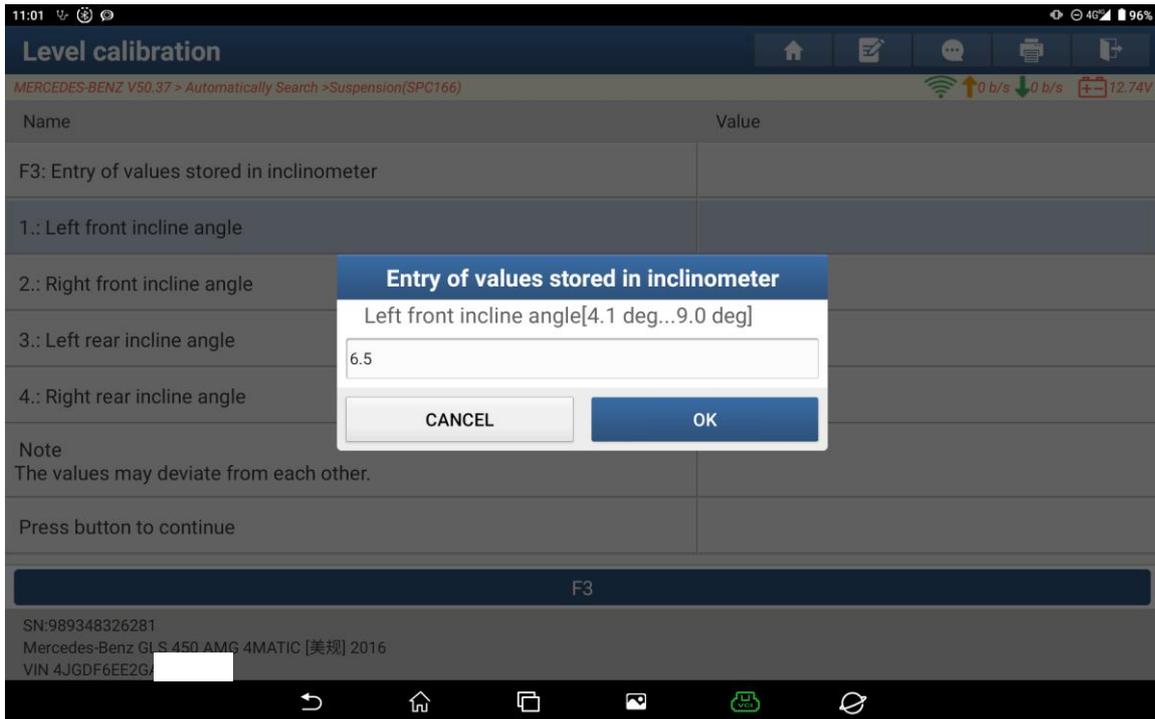


Figure 9

10. Enter the middle value and click OK, as shown in Figure 10.

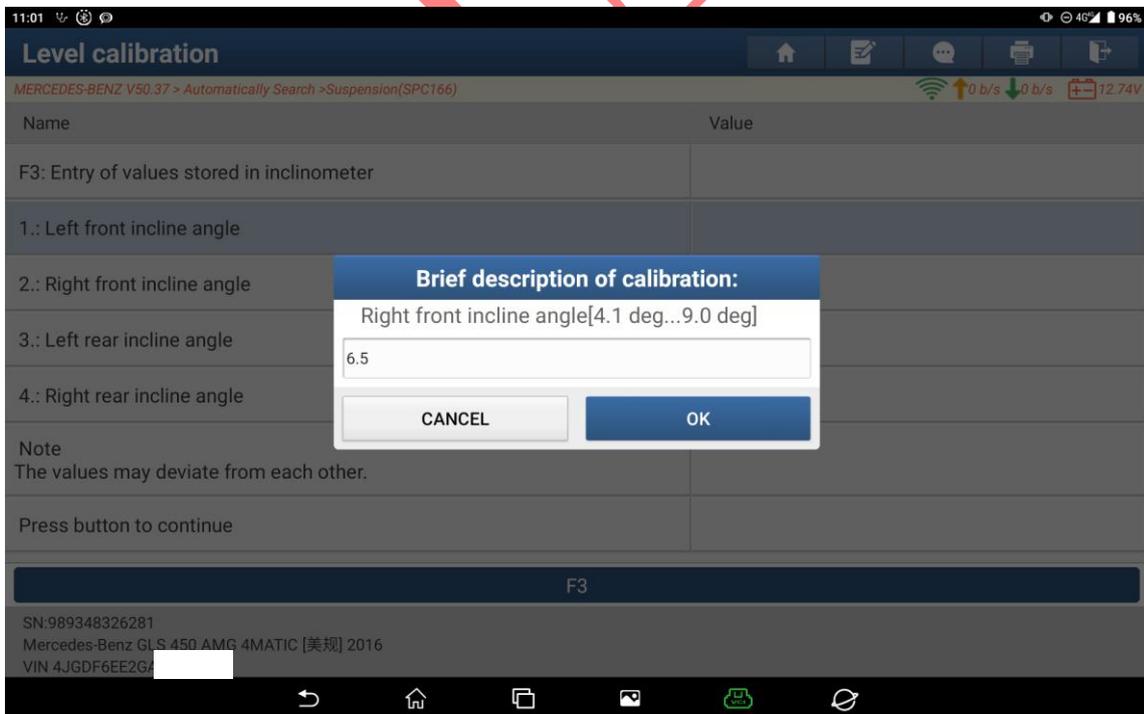


Figure 10

11. Enter the middle value and click OK, as shown in Figure 11.

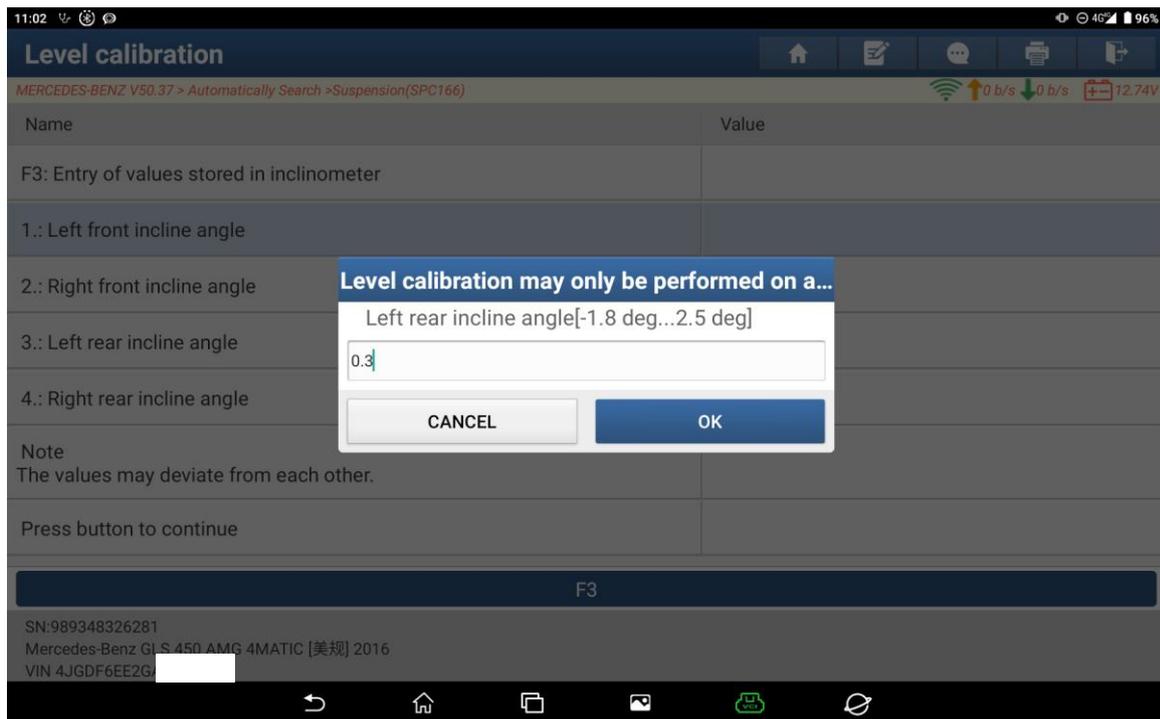


Figure 11

12. Enter the middle value and click OK, as shown in Figure 12.

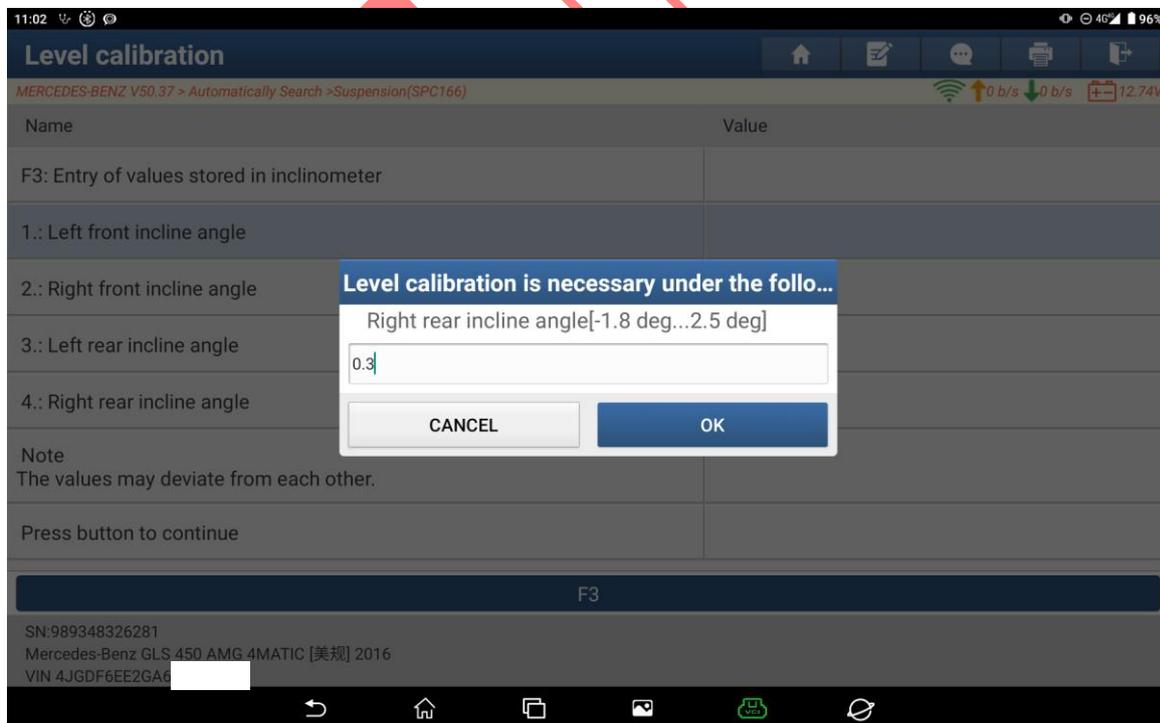


Figure 12

13. After confirming that the values are correct, click [Continue], as shown in Figure 13.



Figure 13

14. Click OK to exit, as shown in Figure 14.

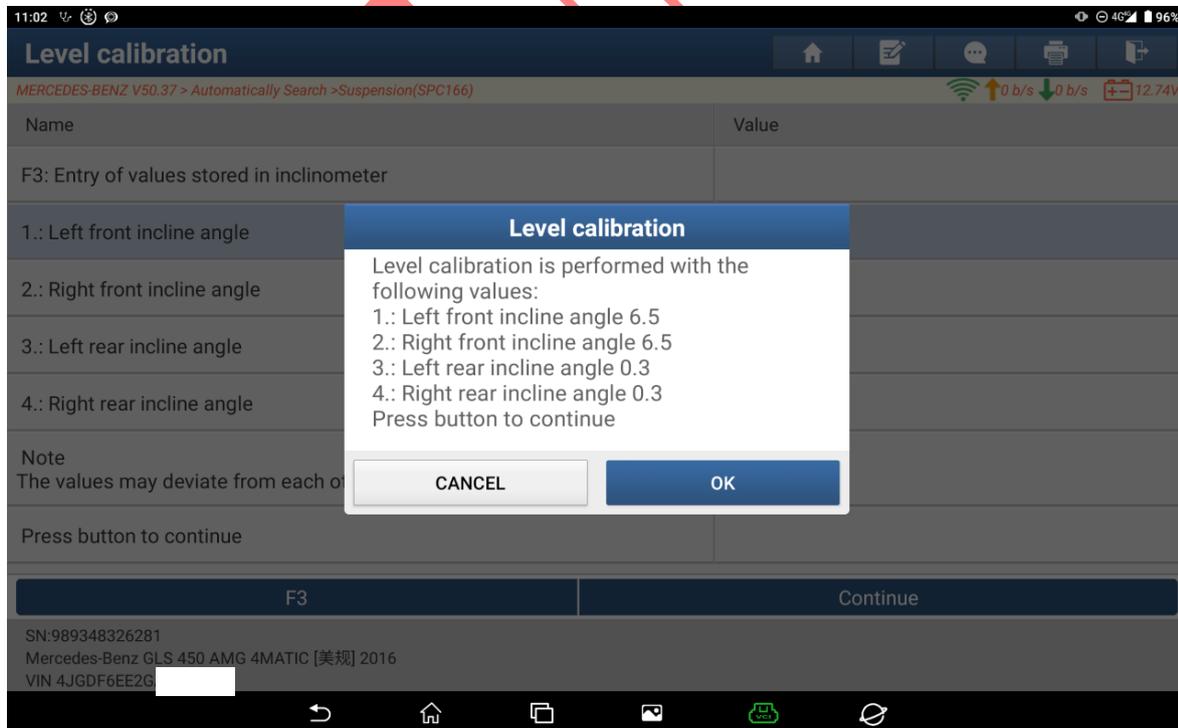


Figure 14

15. After successful calibration, click OK to exit, as shown in Figure 15.

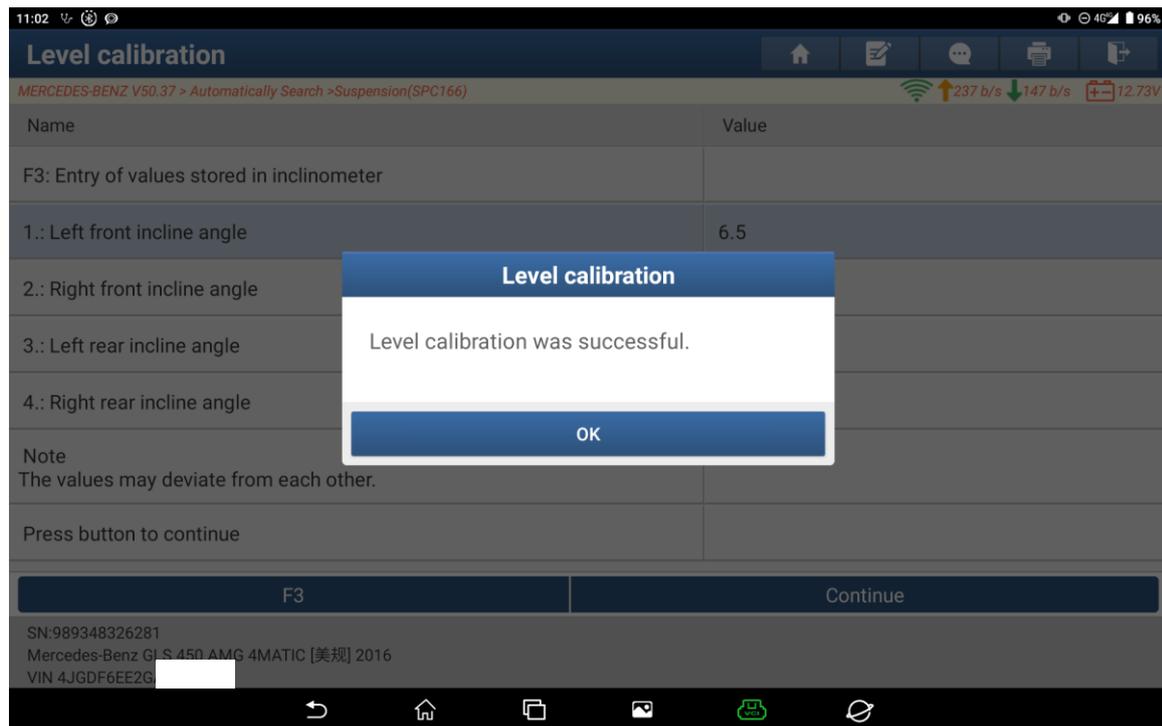


Figure 15

## Statement

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