

2011 Benz S300L Air Suspension Level Calibration Method

Product Model	Date	Number
X-431 series	20160803	—

Vehicle Coverage:

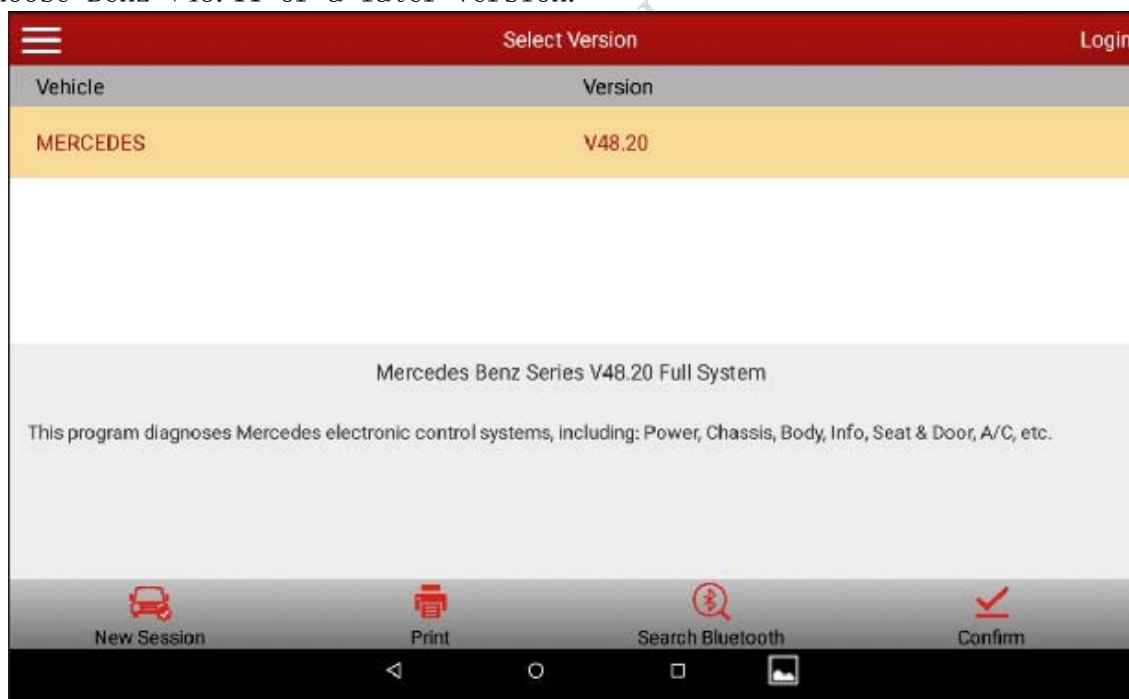
- Benz S300L, 2011, VIN=WDBNG5EB4BA3*****

Fault Symptom:

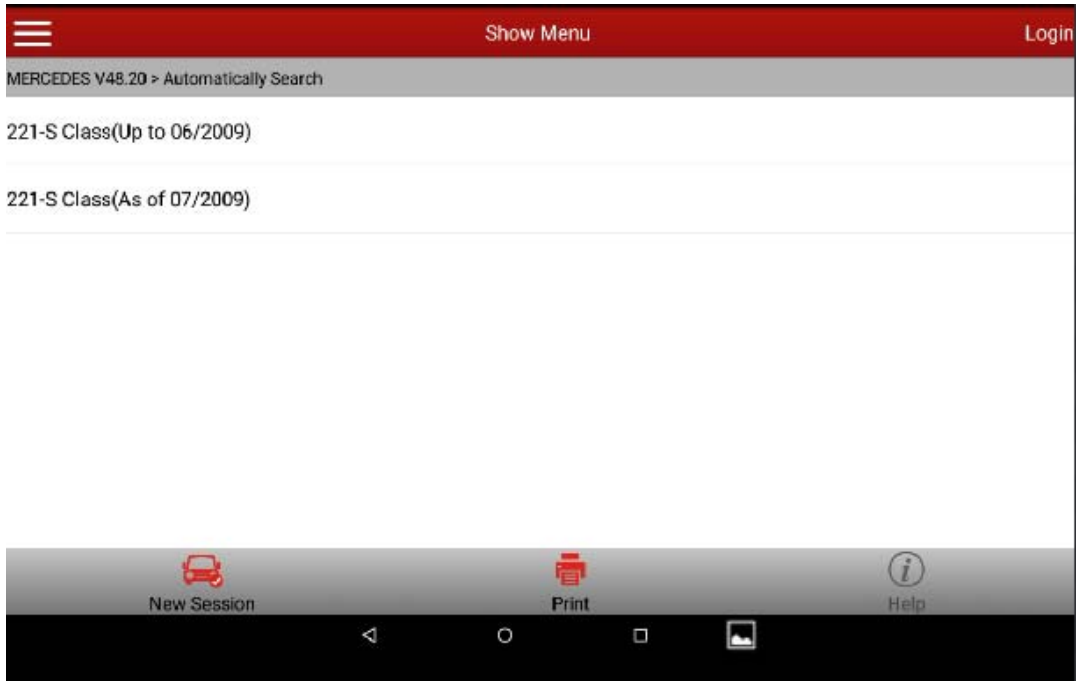
The air suspension system sinks. Three air suspension (damper) and distribution valves are replaced. After air suspension is replaced, level calibration must be performed.

Procedure:

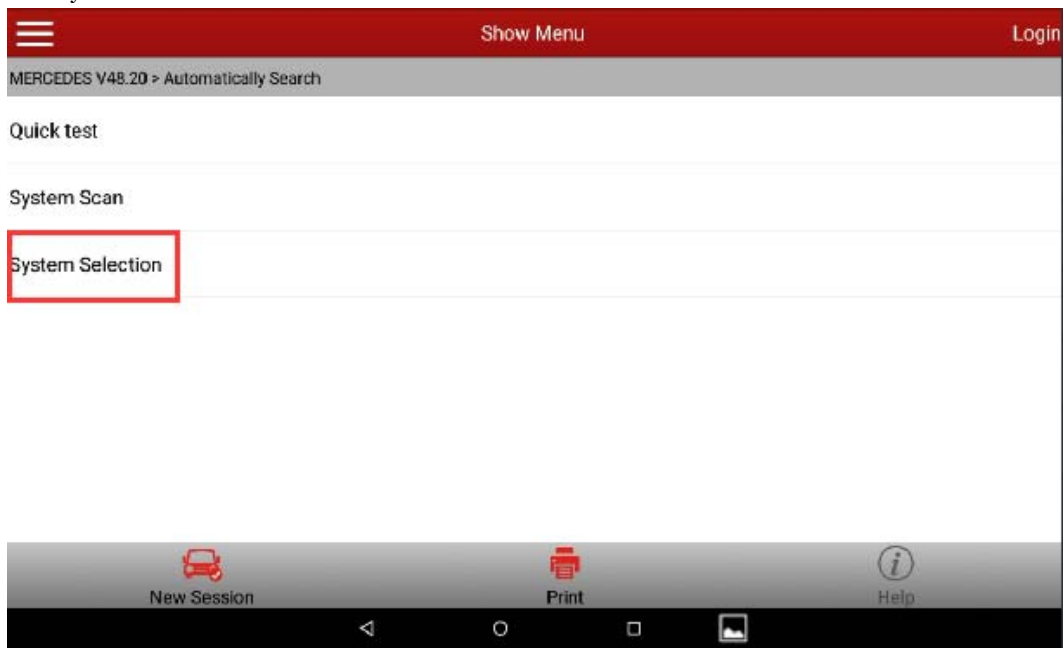
- 1). Choose Benz V48.11 or a later version.



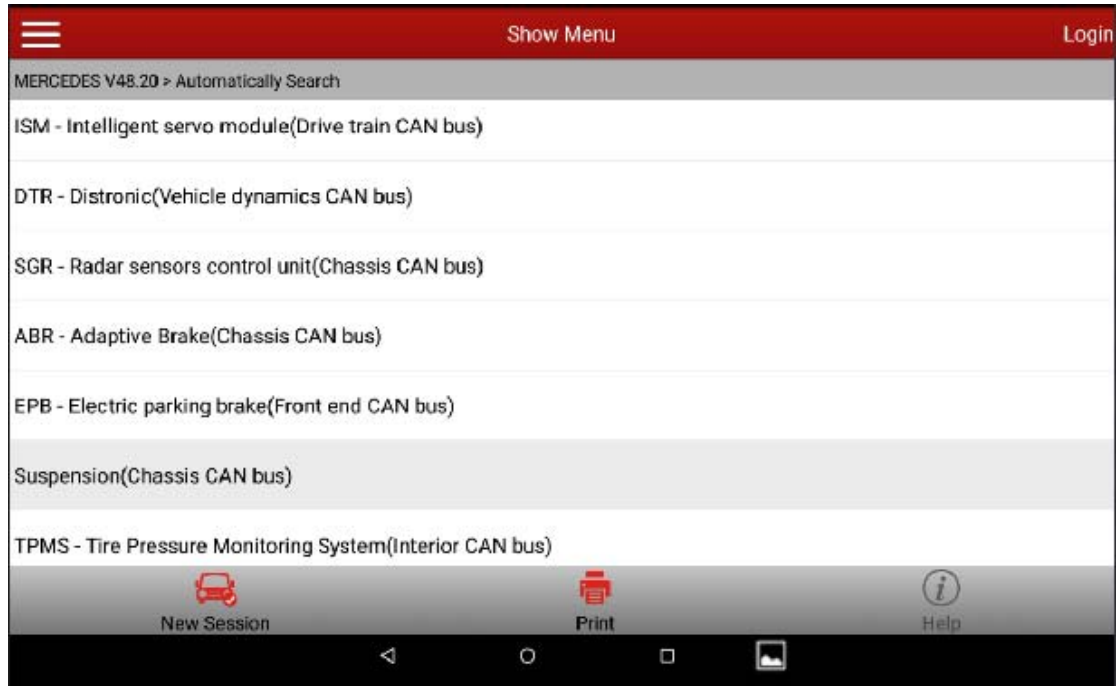
2). Choose 221-S class (as of 07/2009) and click OK.



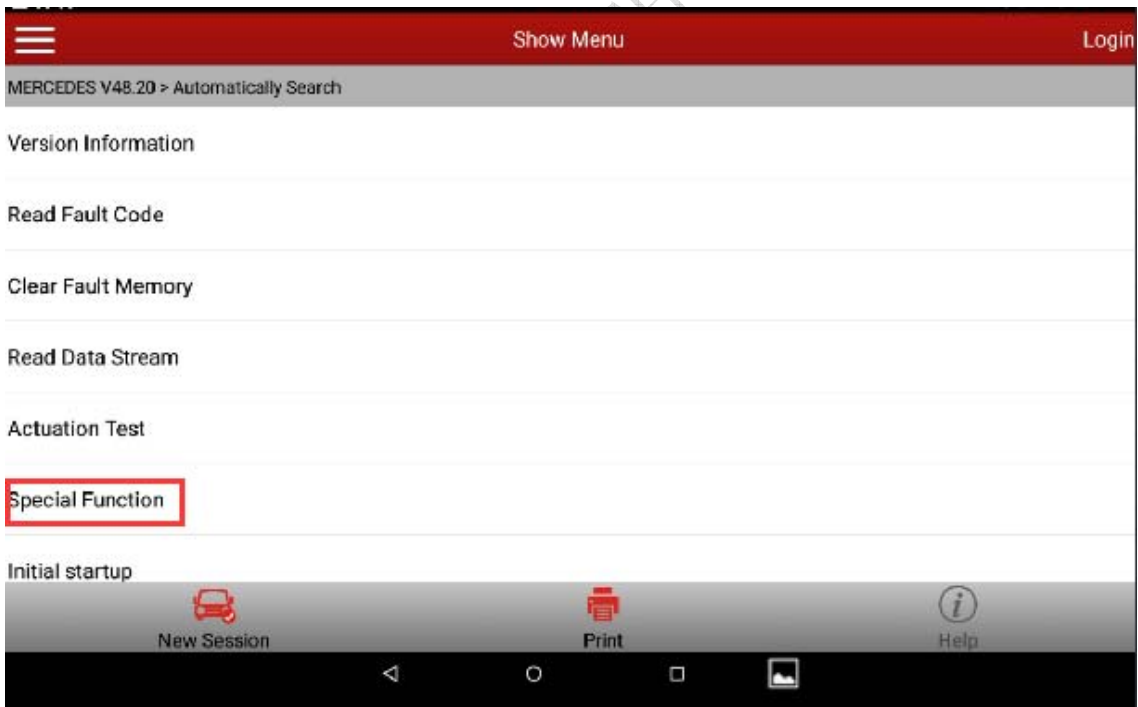
3). Select System Selection



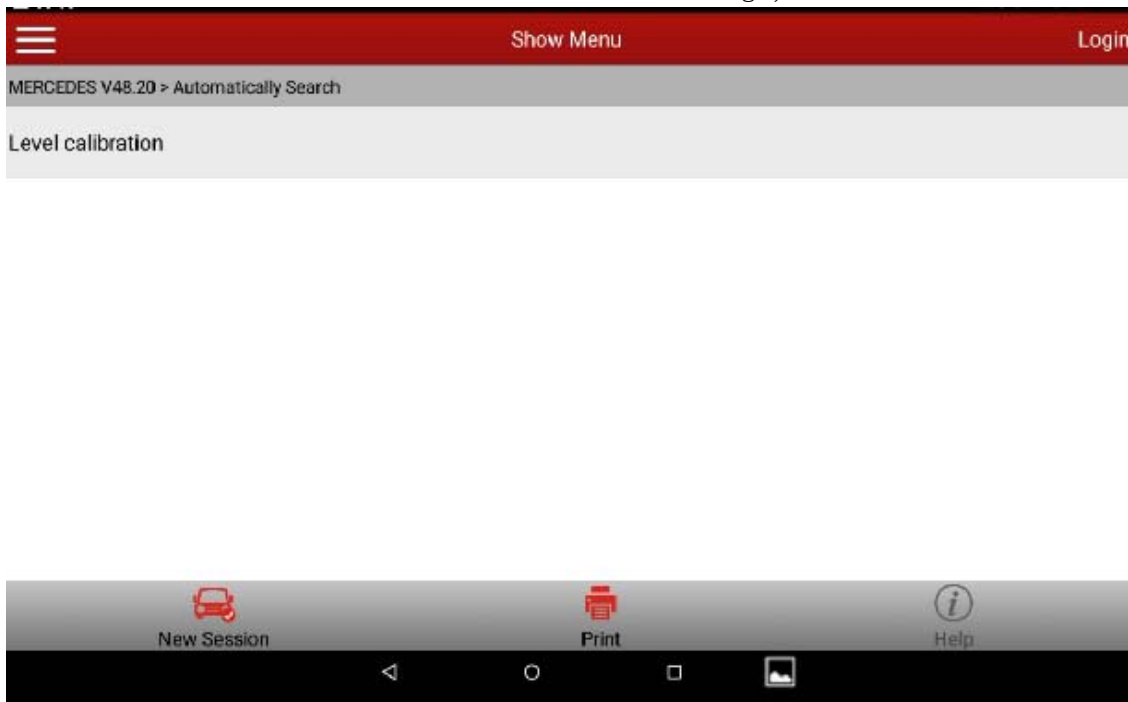
4). Choose Suspension (chassis CAN bus).



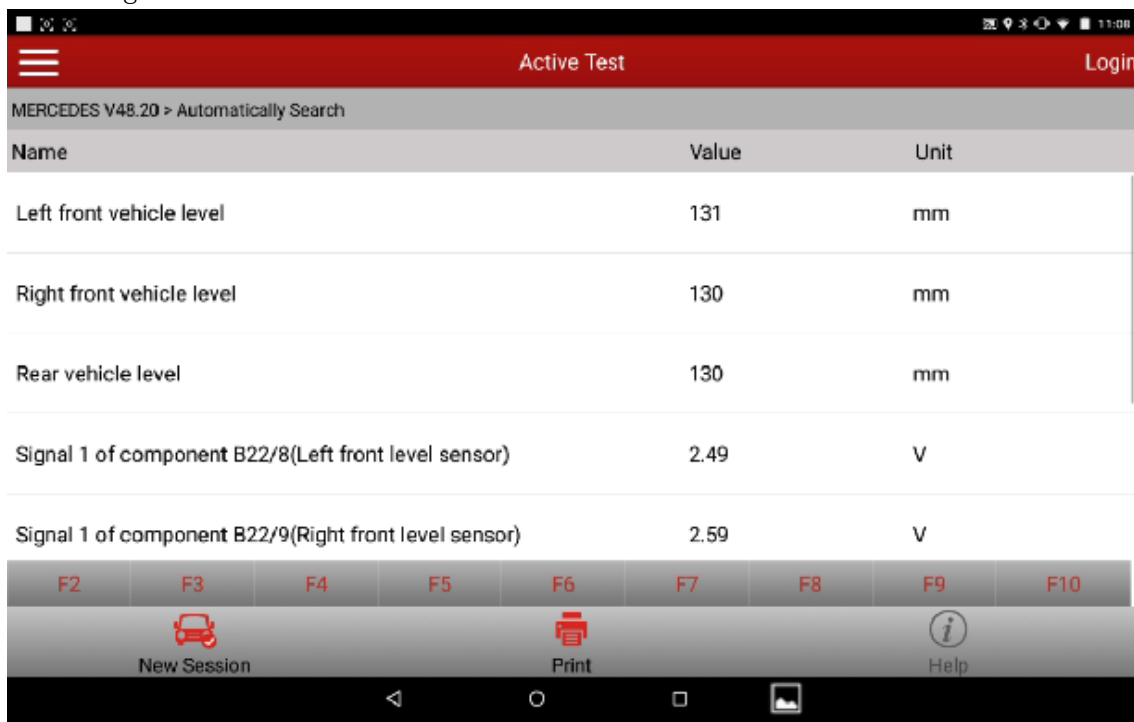
5). Choose special function. Note: Before level calibration, read and clear DTCs first. If any fault exists, rectify the fault first. Ensure that the air suspension system is normal.



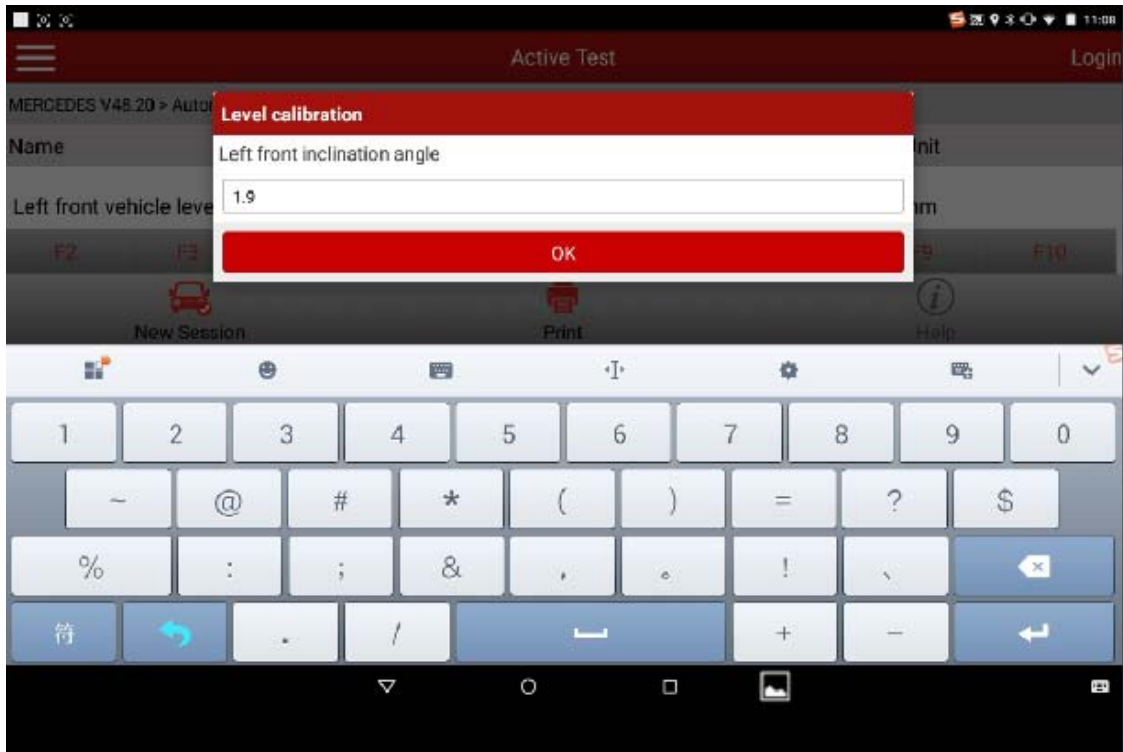
6).Choose level calibration to check the hint message, and click OK.



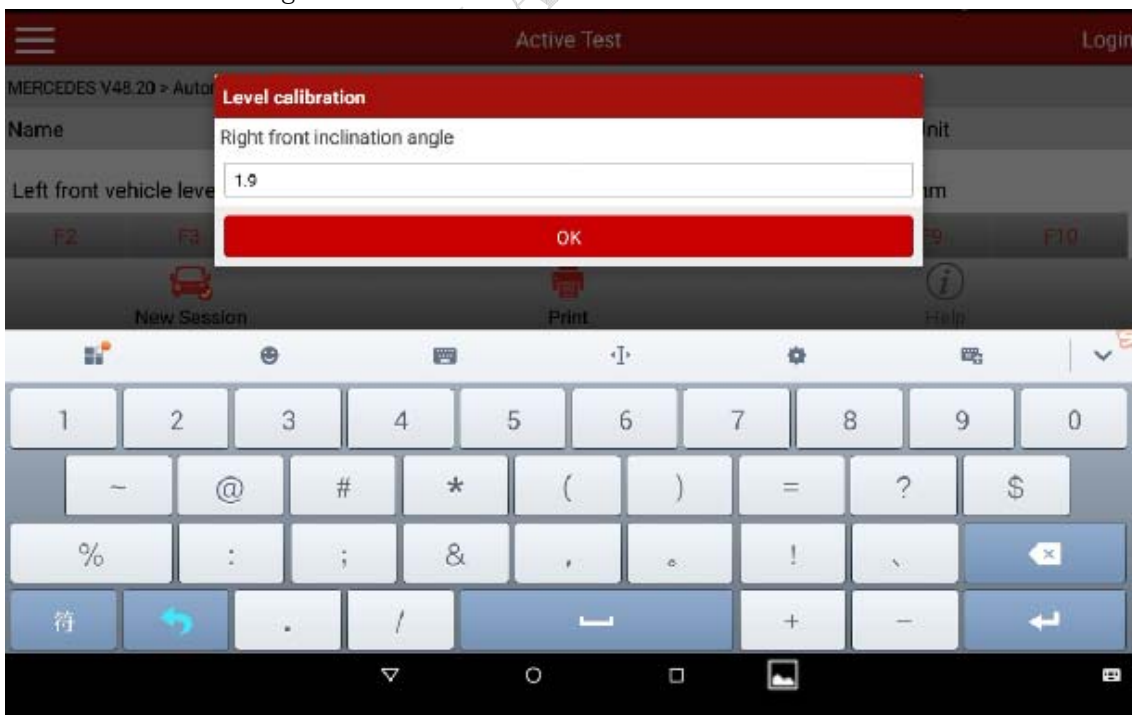
7).Check height and sensor information.



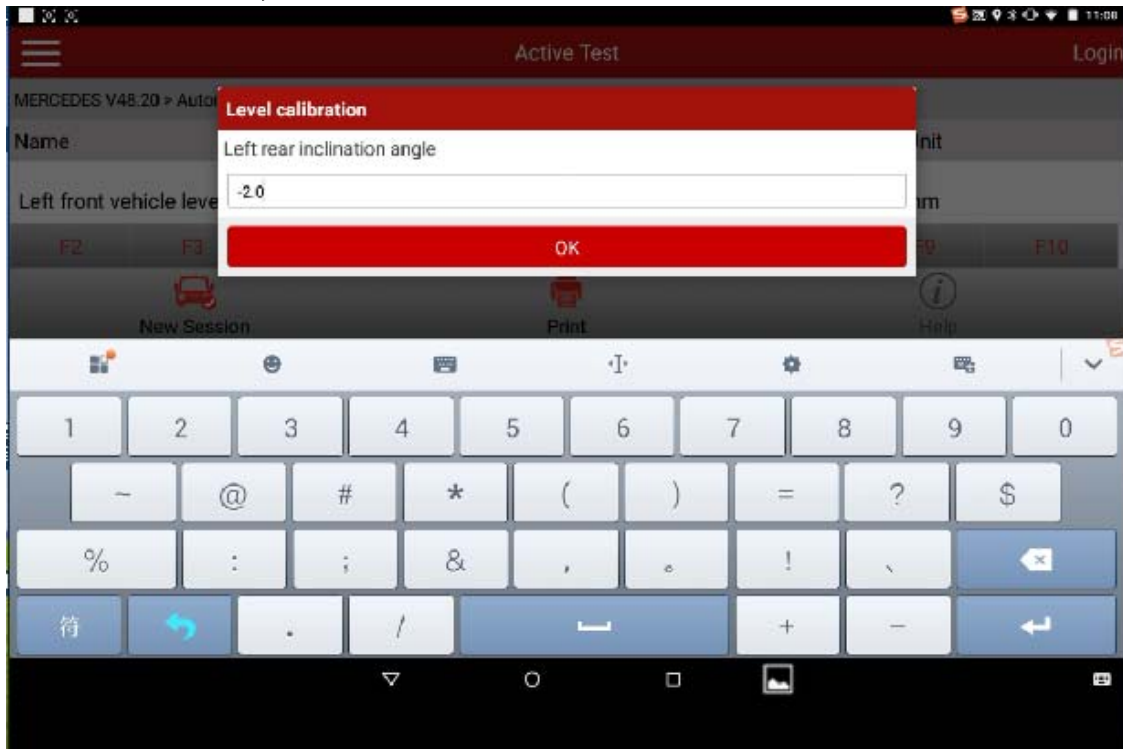
- 8). Check the sensor, front axle specified value, rear axle specified value, and roles of F2-F10 keys. Press F3-F10 to adjust the level height to standard value. Then, press F2 to input the angle.
- 9). Set the FL tilt angle to 1.9 (in Figure 7, front axle specified value: tilt angle 1.4° - 2.4° , use the middle value 1.9°) Click OK.



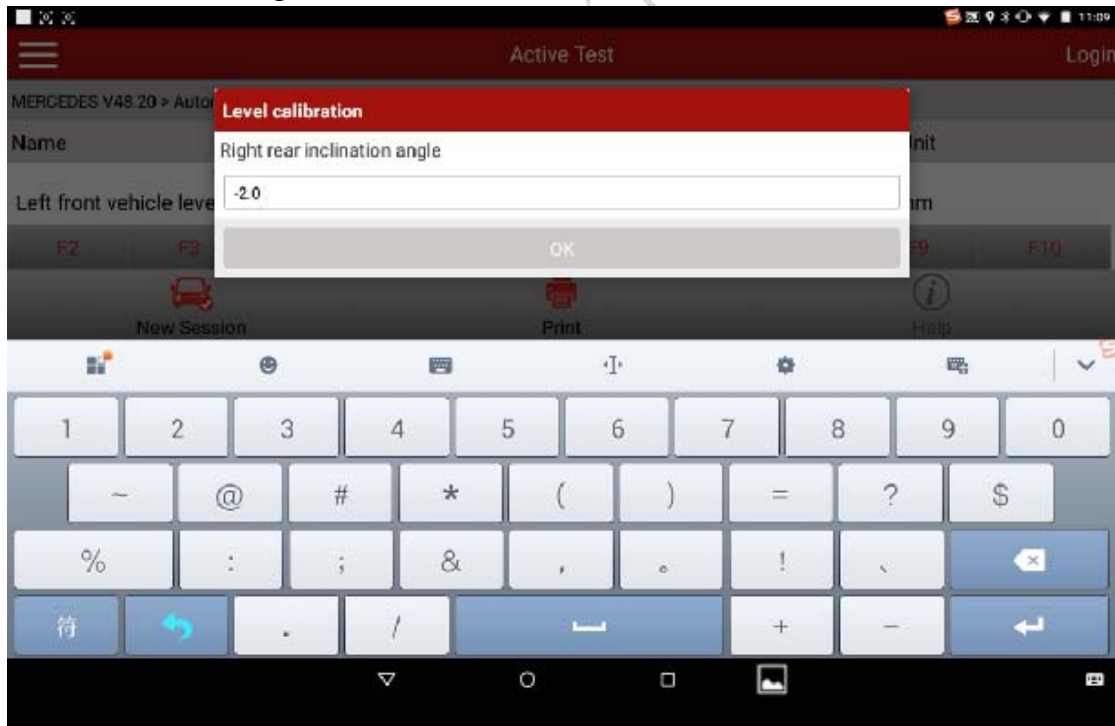
- 10). Set the FR tilt angle to 1.9. Click OK.



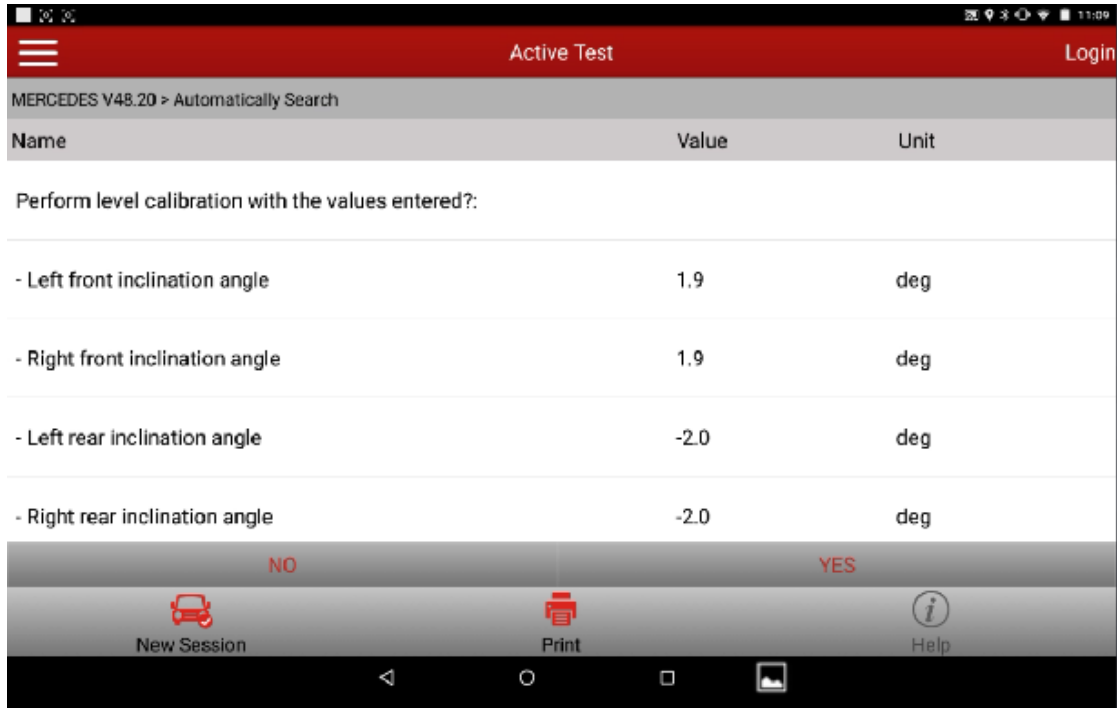
- 11). Set the RL tilt angle to -2.0 (rear axle specified value: tilt angle $(-1.6^{\circ}) - (-2.3^{\circ})$, use the middle value -2.0°) Click OK.



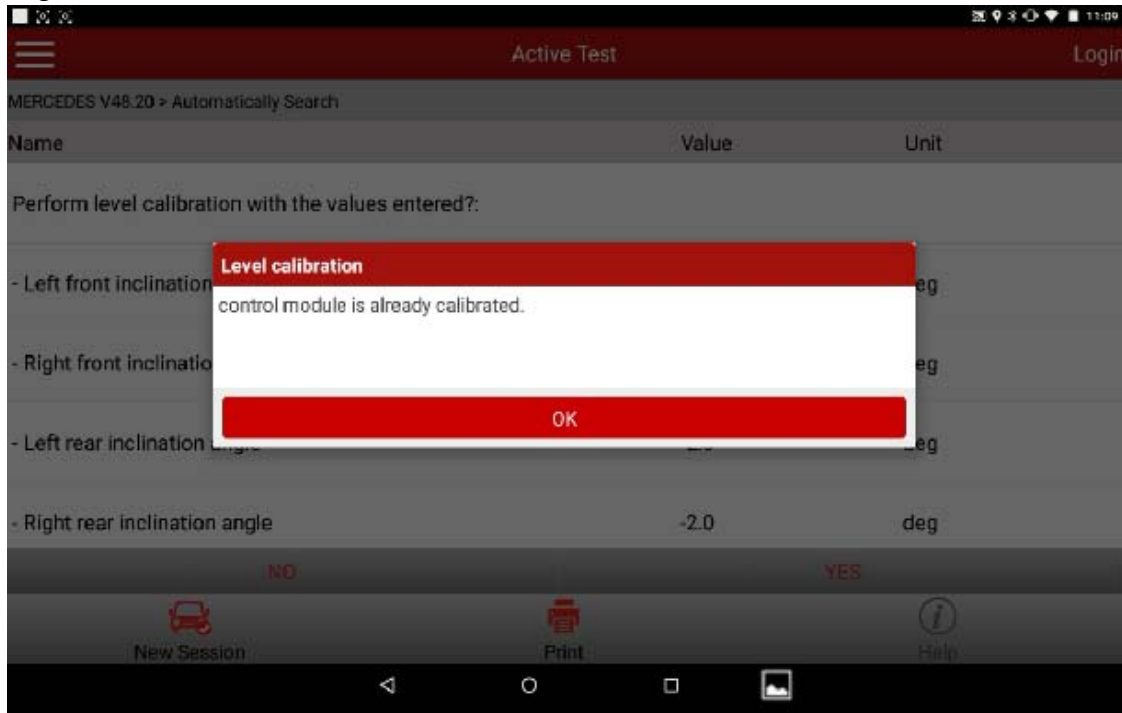
- 12). Set the RR tilt angle to -2.0 and click OK.



13). Check tilt angle data and click Yes to perform height calibration.



14). Height calibration succeeds. Click OK.



Statement:

Shenzhen Launch Tech Co., Ltd. reserves all rights for the content in this document. Any individual or organization reproducing or using this document is not allowed without prior permission.