

Product Model	Date	Number
X-431 series	20160803	—

**X-431 Actual Measurement: 2011 Benz S300L Air Suspension Level Calibration Method**

**Vehicle Coverage:**

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

**Fault Symptom:**

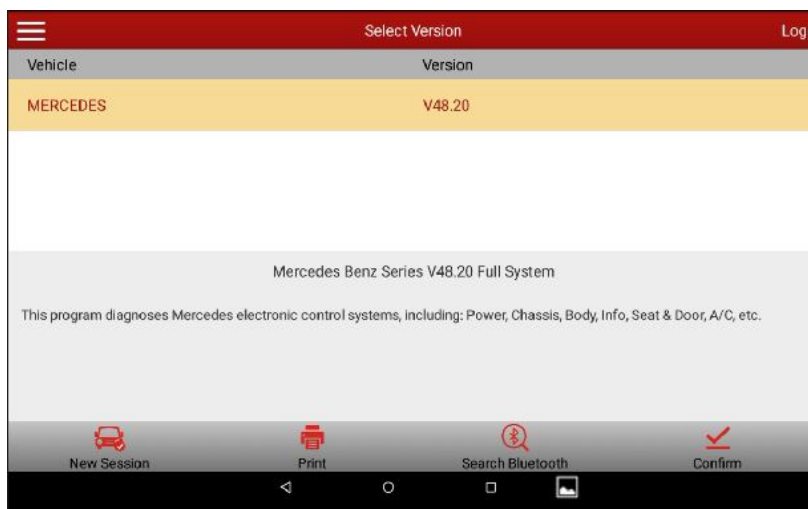
The air suspension system sinks. Three air suspension (damper) and distribution valves are replaced. After air suspension is replaced, level calibration must be performed.

**Test User:**

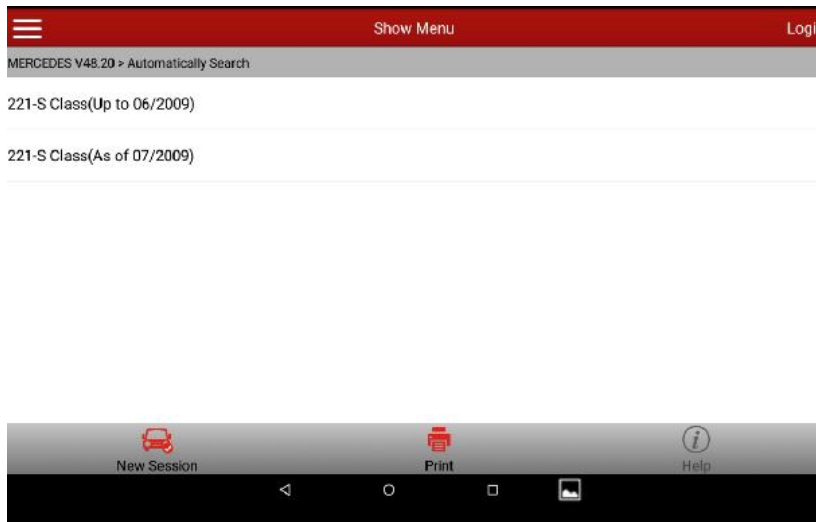
Mr. Liang in Launch Call Center, hotline 4000666666-3

**Procedure:**

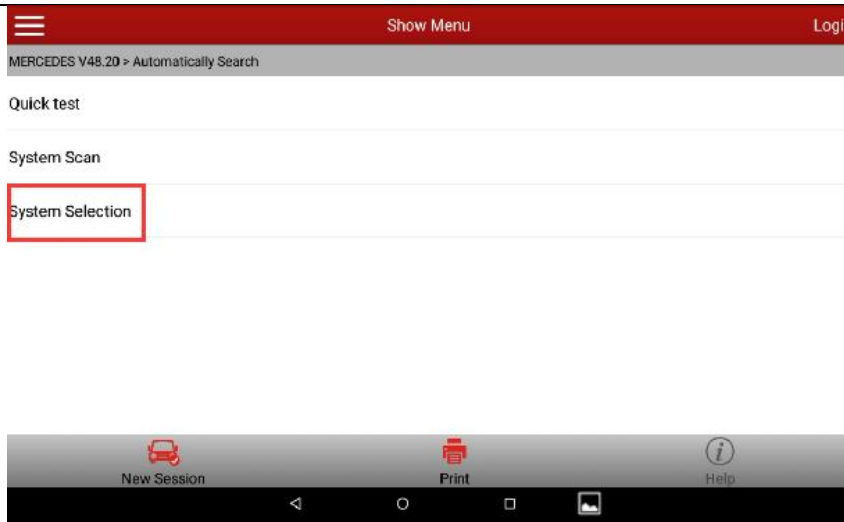
1. Choose Benz V48.11 or a later version.



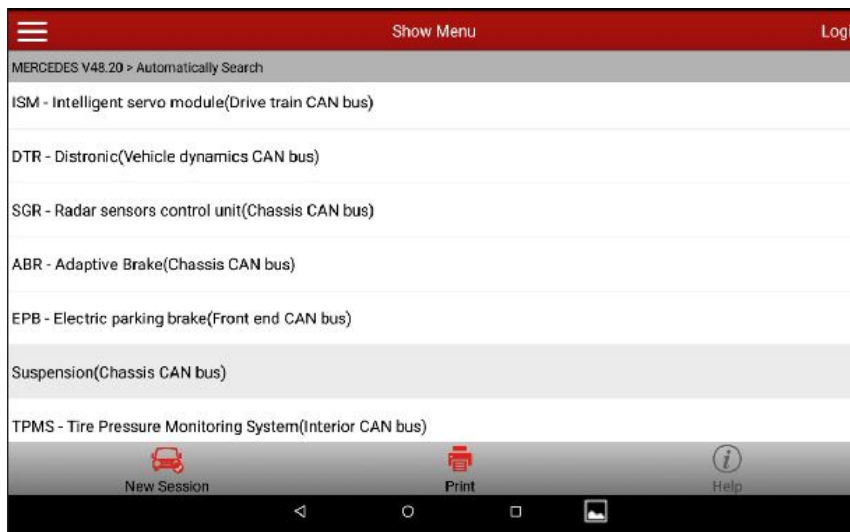
2. Choose 221-S class (as of 07/2009) and click OK.



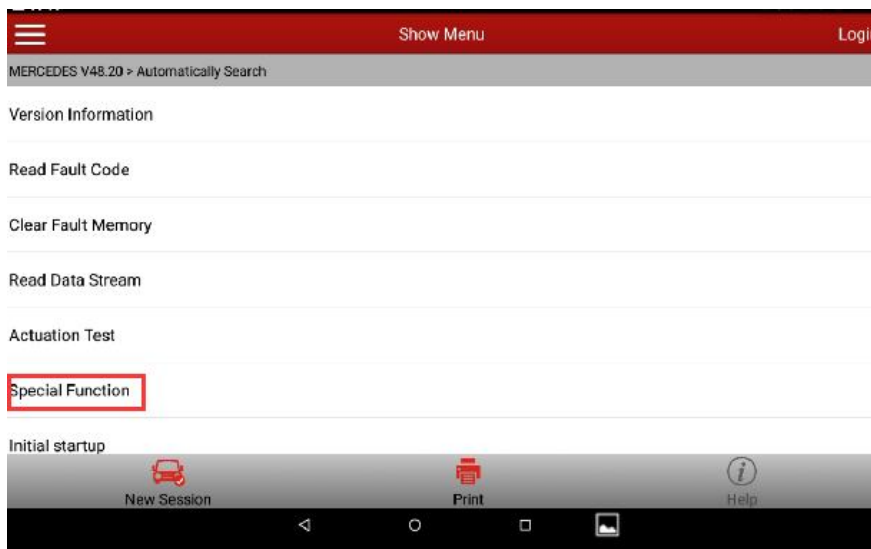
3. Select System Selection



- 4. Choose Suspension (chassis CAN bus).



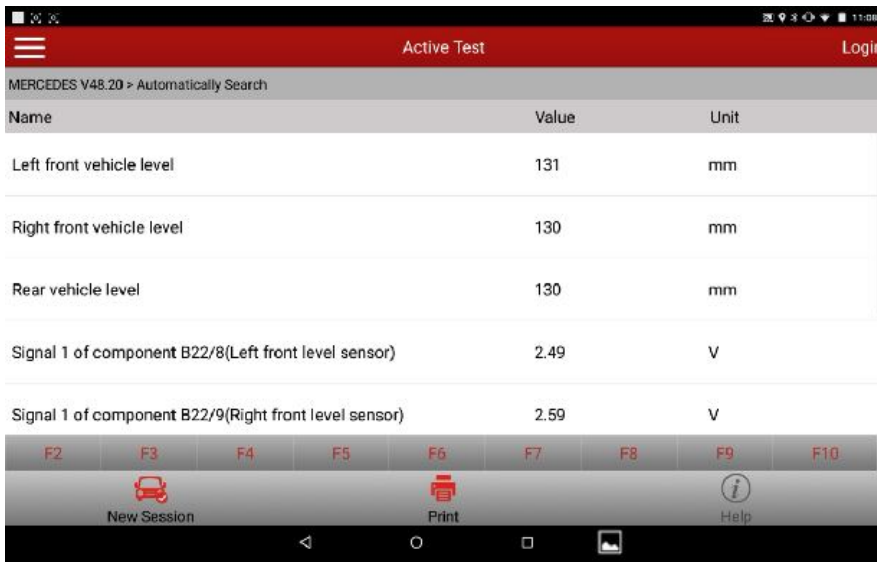
- 5. Choose special function. Note: Before level calibration, read and clear DTCs first. If any fault exists, rectify the fault first. Ensure that the air suspension system is normal.



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

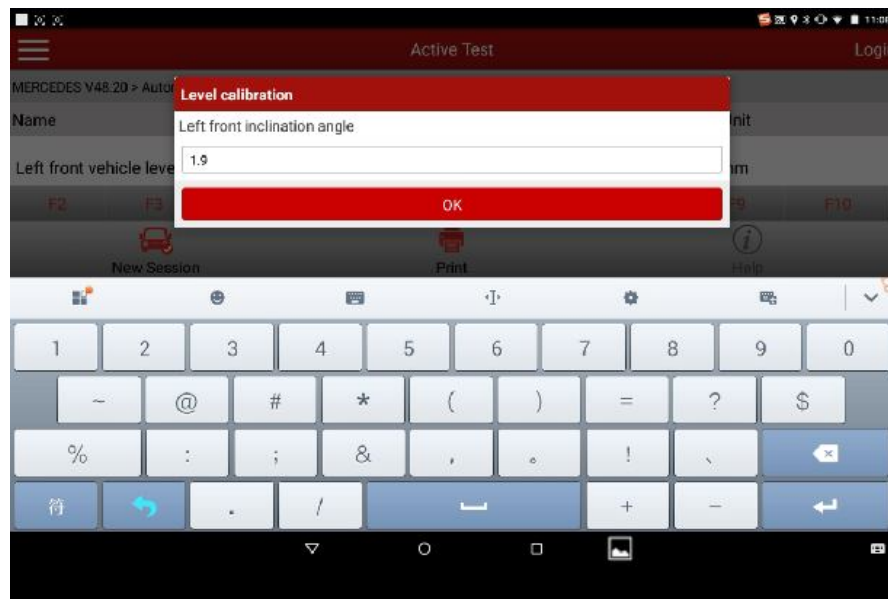


- Check height and sensor information.

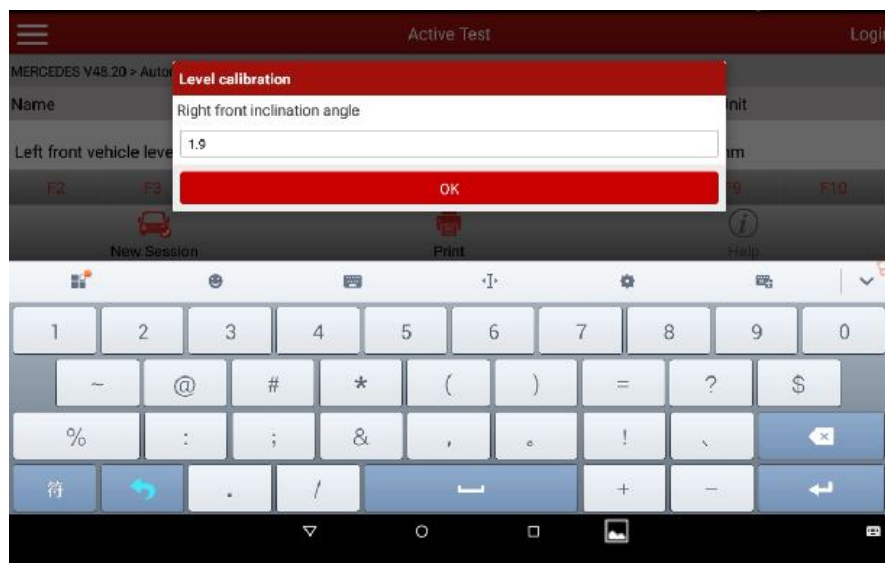


- Check the sensor, front axle specified value, rear axle specified value, and roles of F2-F10 keys. Press F3-F10 to adjust the level height to standard value. Then, press F2 to input the angle.

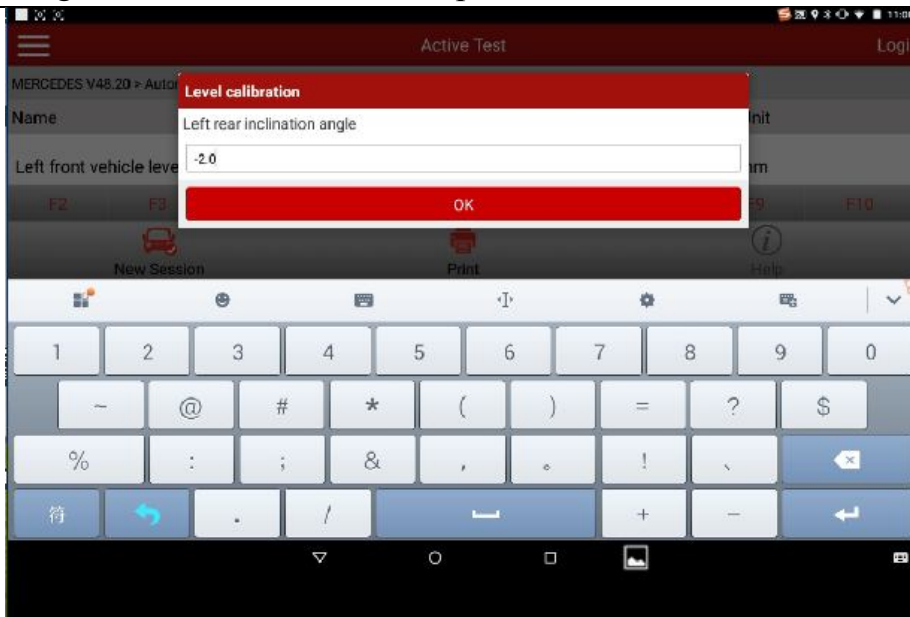
- Set the FL tilt angle to 1.9 (in Figure 7, front axle specified value: tilt angle 1.4°-2.4°, use the middle value 1.9°) Click OK.



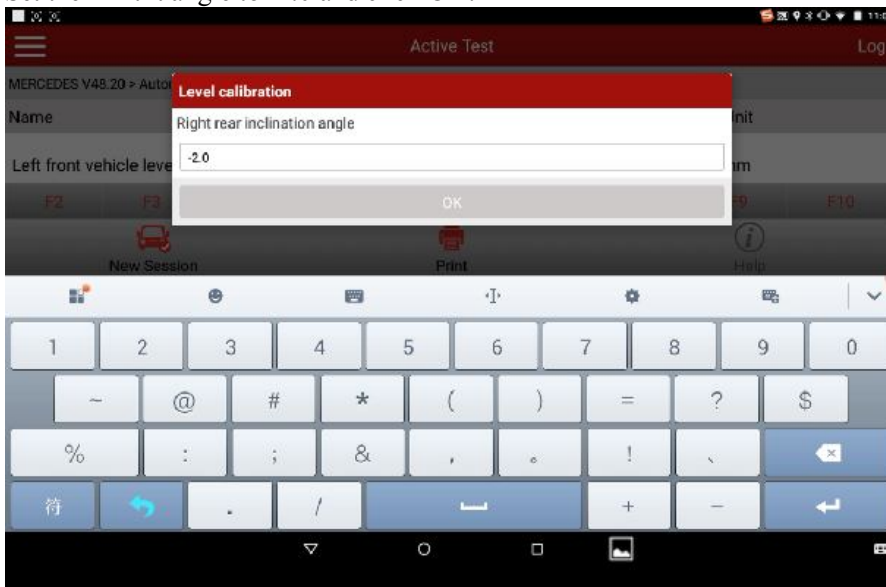
- Set the FR tilt angle to 1.9. Click OK.



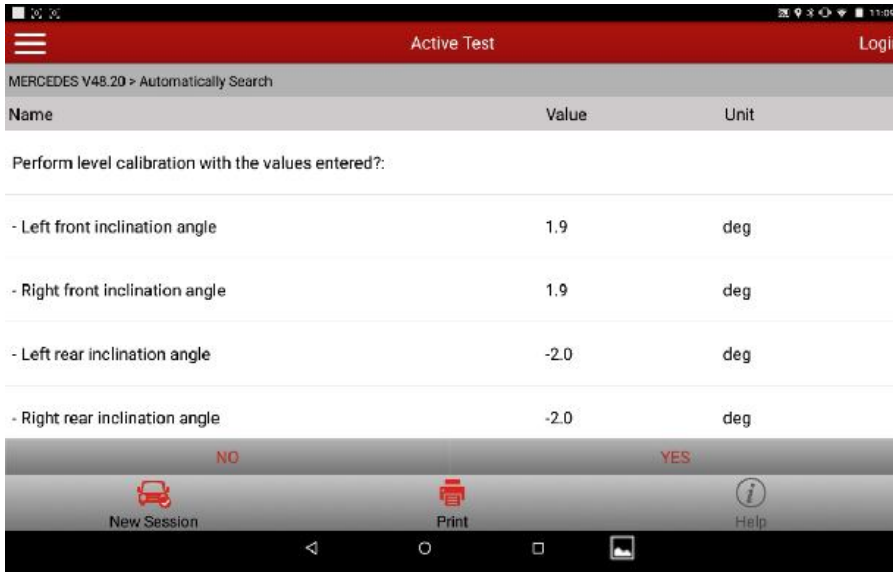
- Set the RL tilt angle to -2.0 (rear axle specified value: tilt angle (-1.6°)-(-2.3°), use the middle value -2.0°) Click OK.



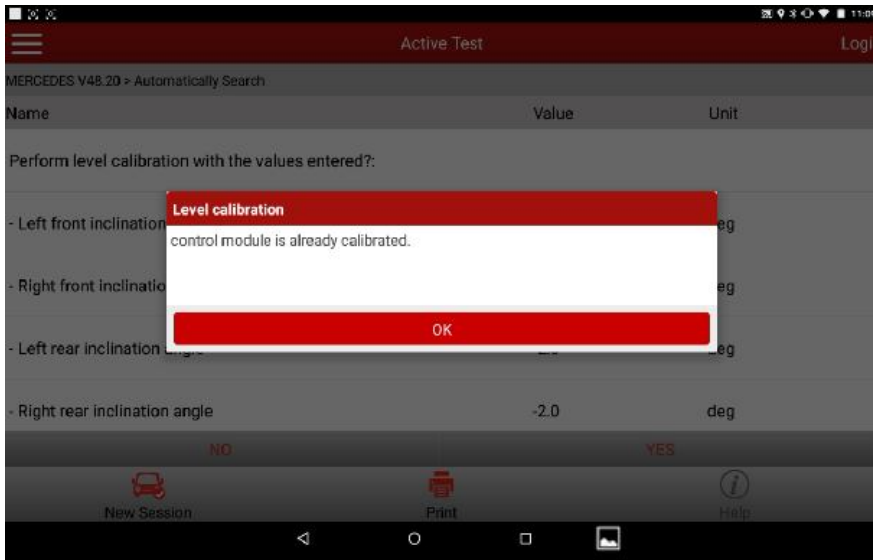
- 12. Set the RR tilt angle to -2.0 and click OK.



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



14. Height calibration succeeds. Click OK.



[Statement]

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