

2014 Benz Chassis 212 Throttle Adaptation Method

Product Model	Date	Number
X431Pro series	20160107	—

Vehicle coverage:

- Benz, 2014, VIN=LE4HG4HB4DL1*****

Function Description:

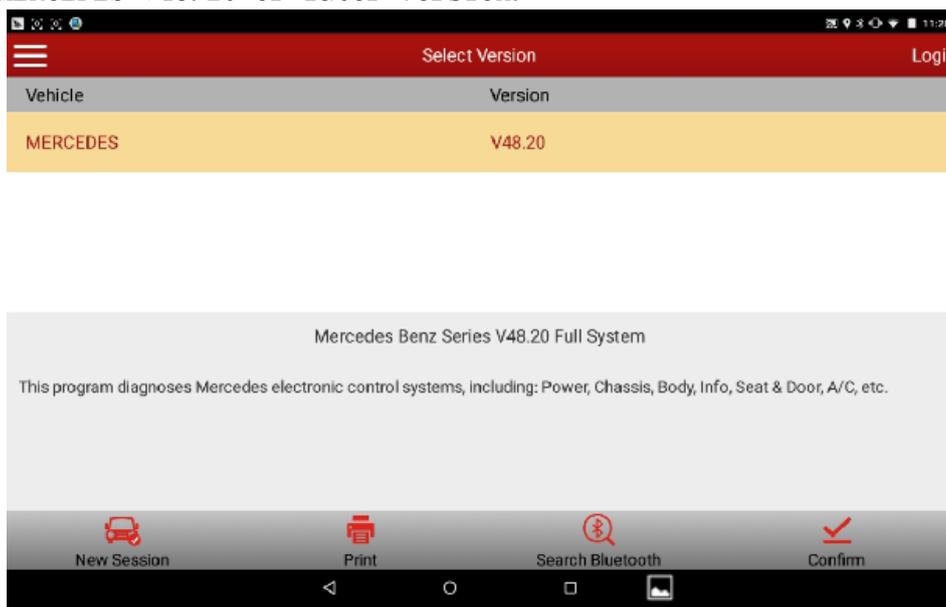
After the throttle is cleaned, this function must be performed to clear throttle memory values to stabilize the idle speed.

Prerequisites:

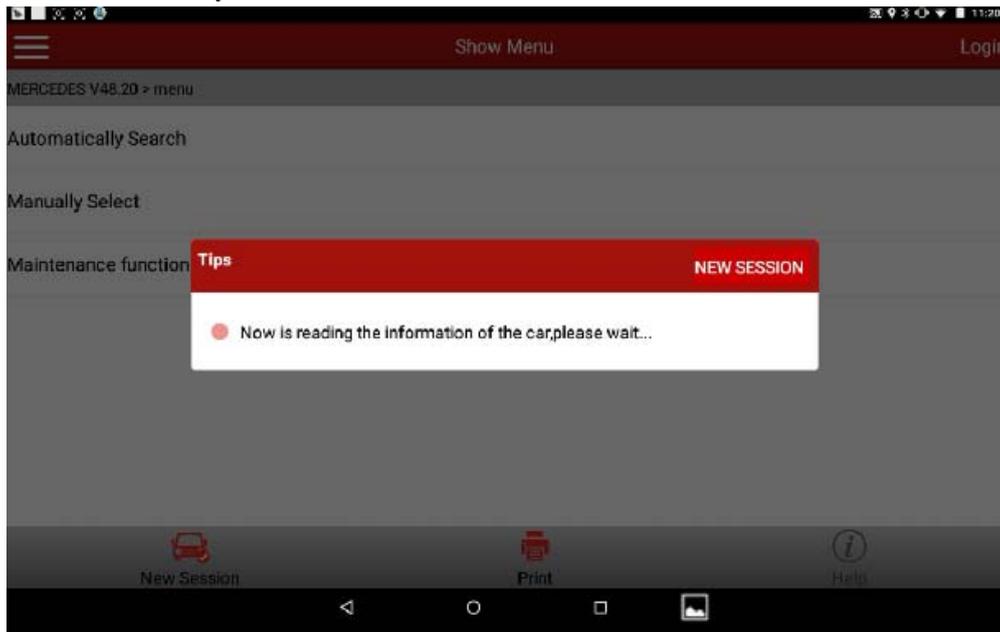
- Ignition switch is ON.
- Internal combustion engine is stationary for at least one minute.
- The accelerator pedal is not operated.
- No CAN fault exists in the traction system in the control unit
- Coolant temperature is between 5°C-100°C.
- Intake temperature is below or equal to 40°C.

Procedure:

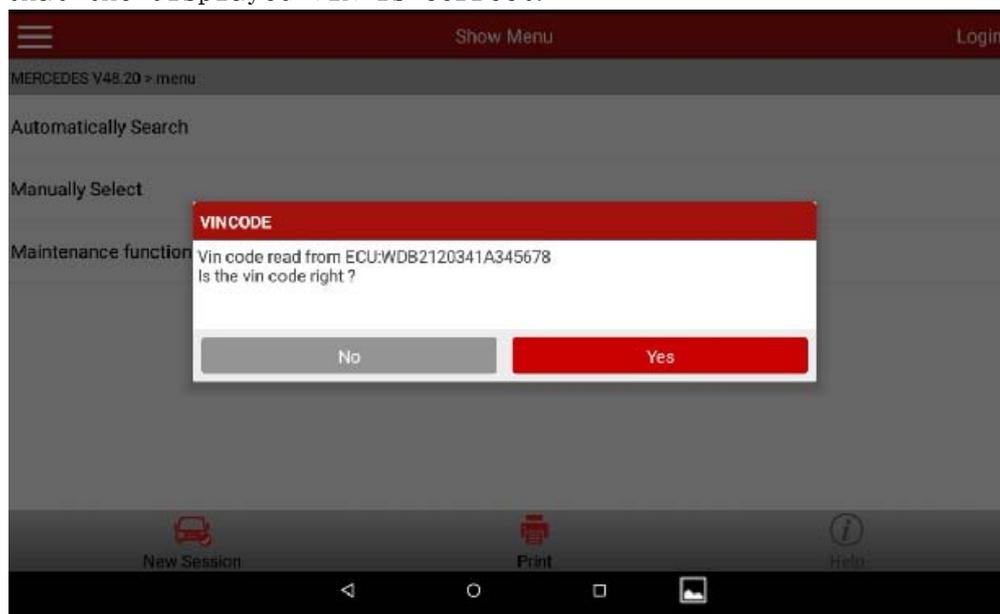
- 1). Choose MERCEDES V48.20 or later version.



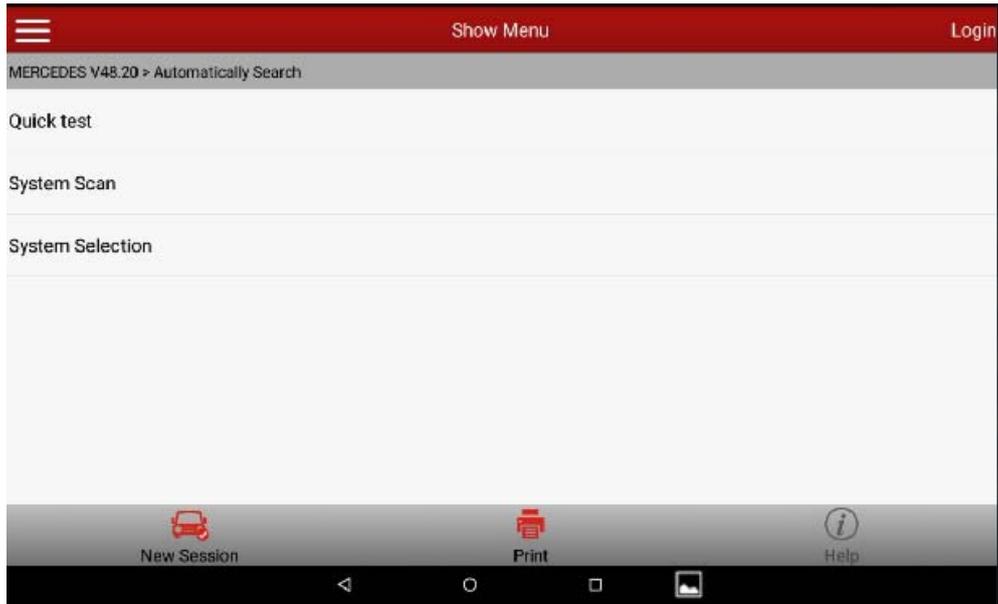
2).Choose Automatically Search



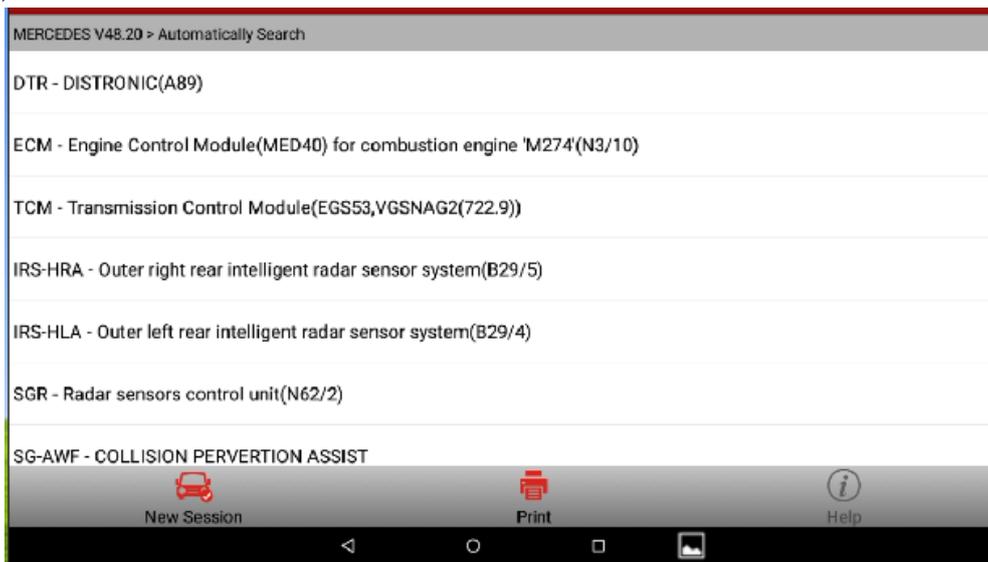
3).Check that the displayed VIN is correct.



4). Choose system selection.



5). Choose ECM - internal combustion engine M271EVO engine control module (SIM271DE20) (N3/10).

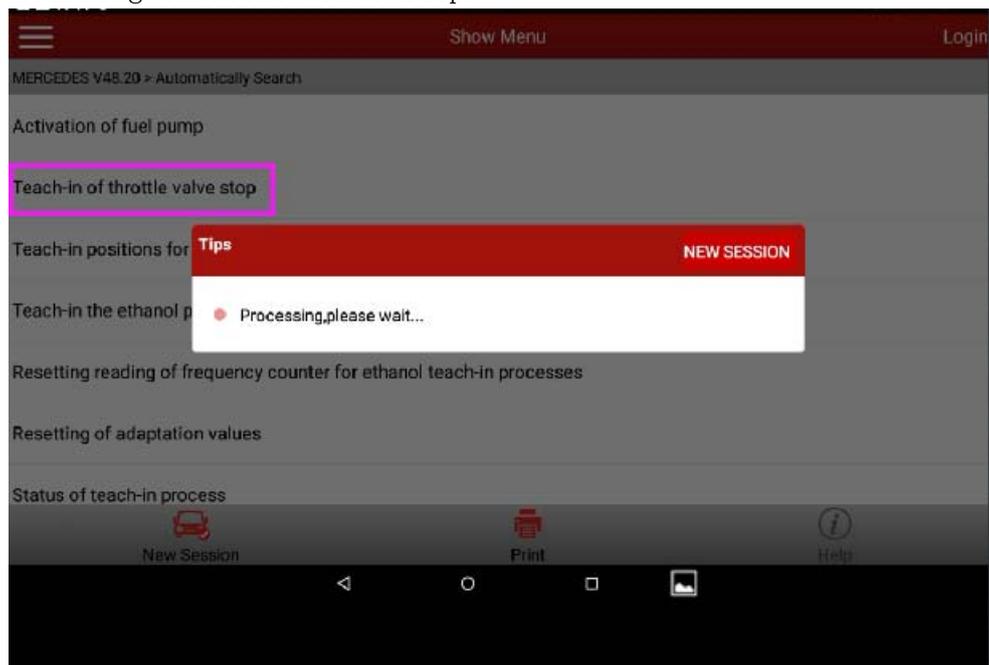


6).Choose special function.

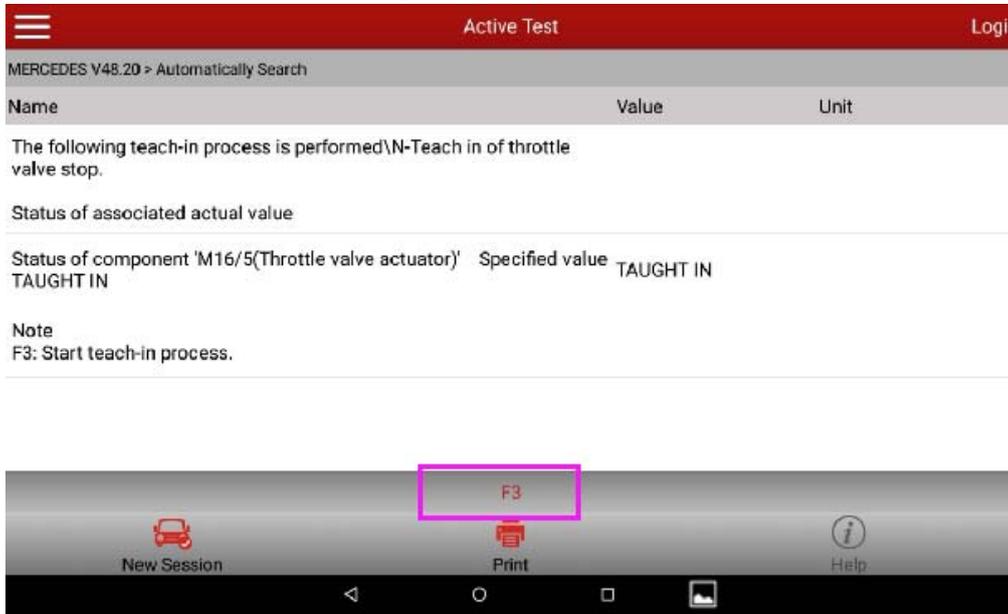


7).Choose learning process.

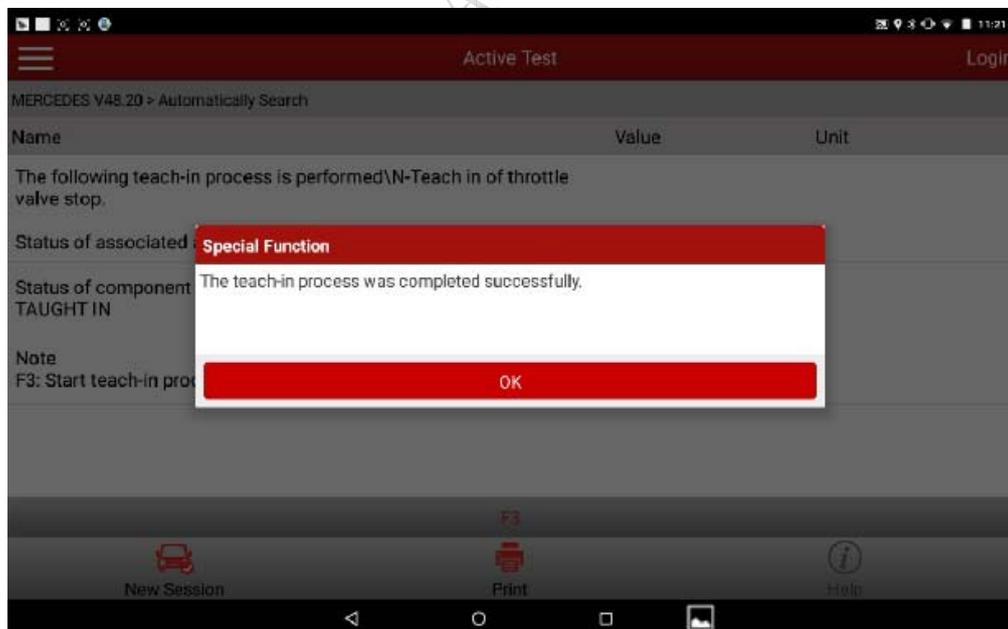
8).Choose learning throttle valve stop.



- 9). Choose throttle stop position learning.
- 10). Click OK. A message is displayed, asking that throttle learning must meet the related value requirements.
- 11). Check that the engine status, accelerator pedal position, coolant temperature, and throttle intake temperature reach the specified values. Then click OK.
- 12). Click F3 to start throttle learning. Note the message "Learning in process...Please wait." See Figure 5.



- 13). After about 60s, a message prompting that learning is complete is displayed. See Figure 6.



- 14). Click OK. After about 10s, the system returns to the menu page. Turn off the ignition switch. The operation is complete.

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