

Throttle Relearn

Tested Model: SPRINTER V 260 2018

Function Description:

Throttle Relearn involves using a diagnostic tool to initialize the throttle actuator. This resets the ECU's learned values to their initial status, enabling more accurate control of the throttle (or idle motor) to regulate intake air mass flow.

Throttle matching is required in the following scenarios:

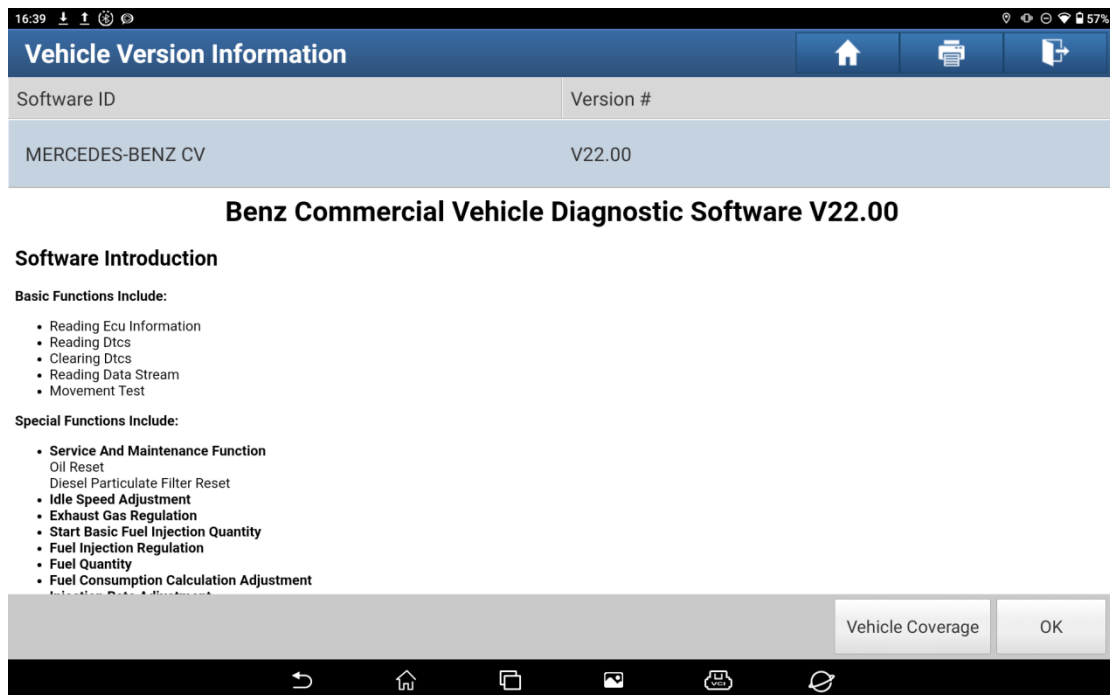
1. After replacing the ECU, the ECU does not yet have stored characteristics regarding throttle operation, so matching is required.
2. After ECU power loss, memory stored in the ECU is lost, so matching is required.
3. After replacing the throttle assembly, matching is required.
4. After replacing or removing/installing the intake manifold, if the coordinated operation between the ECU and throttle body for idle control is affected, matching is required.
5. After cleaning the throttle body, although the characteristics of the idle throttle potentiometer remain unchanged, the intake air mass flow at the same throttle opening has changed, altering idle control characteristics; therefore, matching is required.

Execution Conditions:

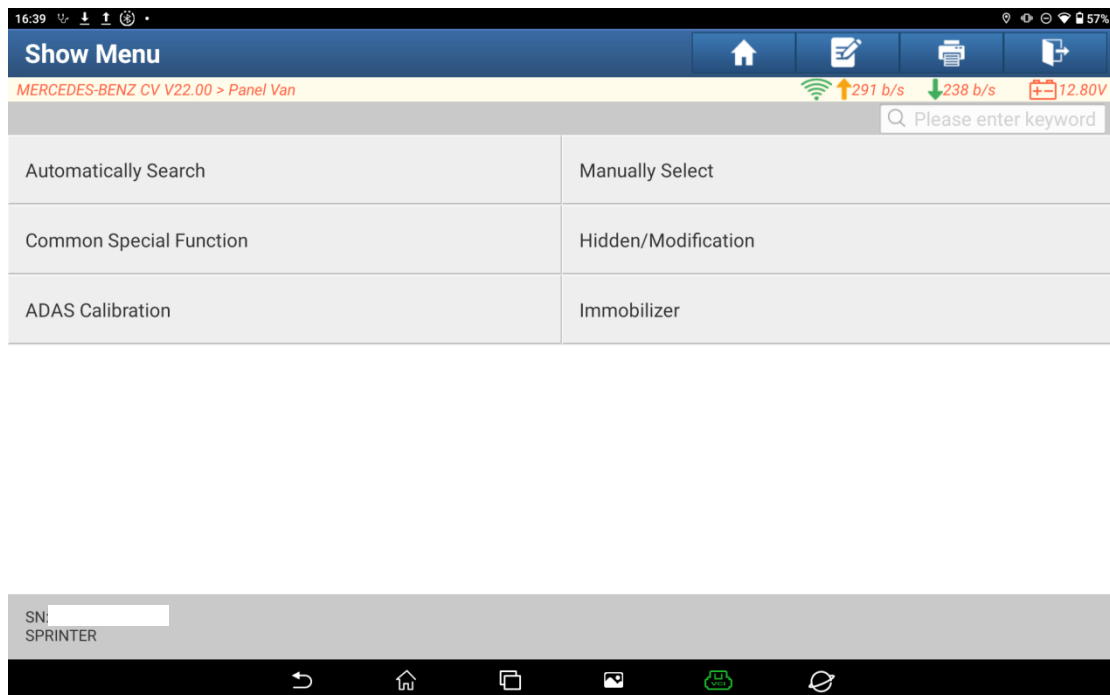
- Ignition switch ON
- Internal combustion engine OFF
- Accelerator pedal not operated

Procedure:

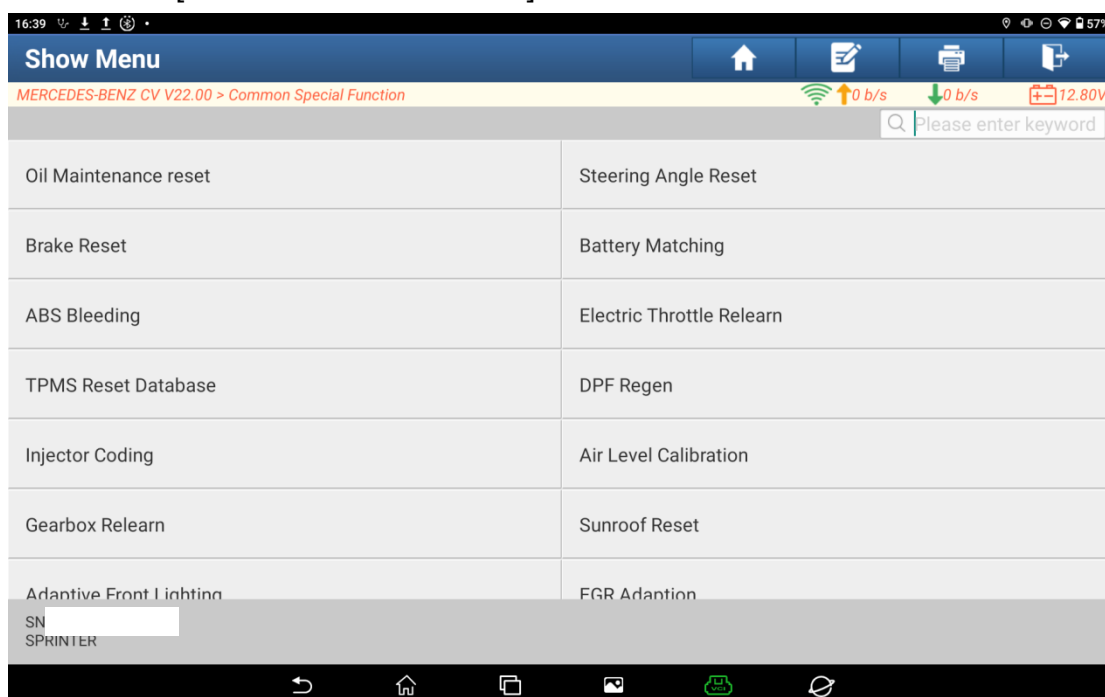
1. Choose [Local Diagnose], and then choose [Mercedes-Benz CV] for testing.



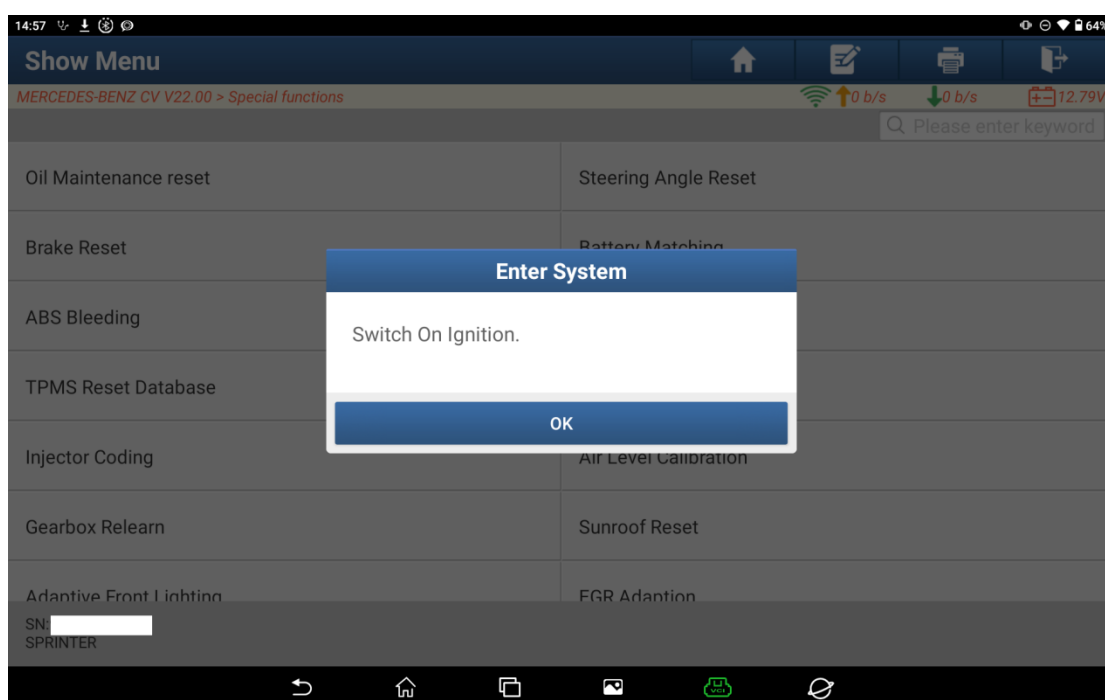
2. Choose [Common Special Function].



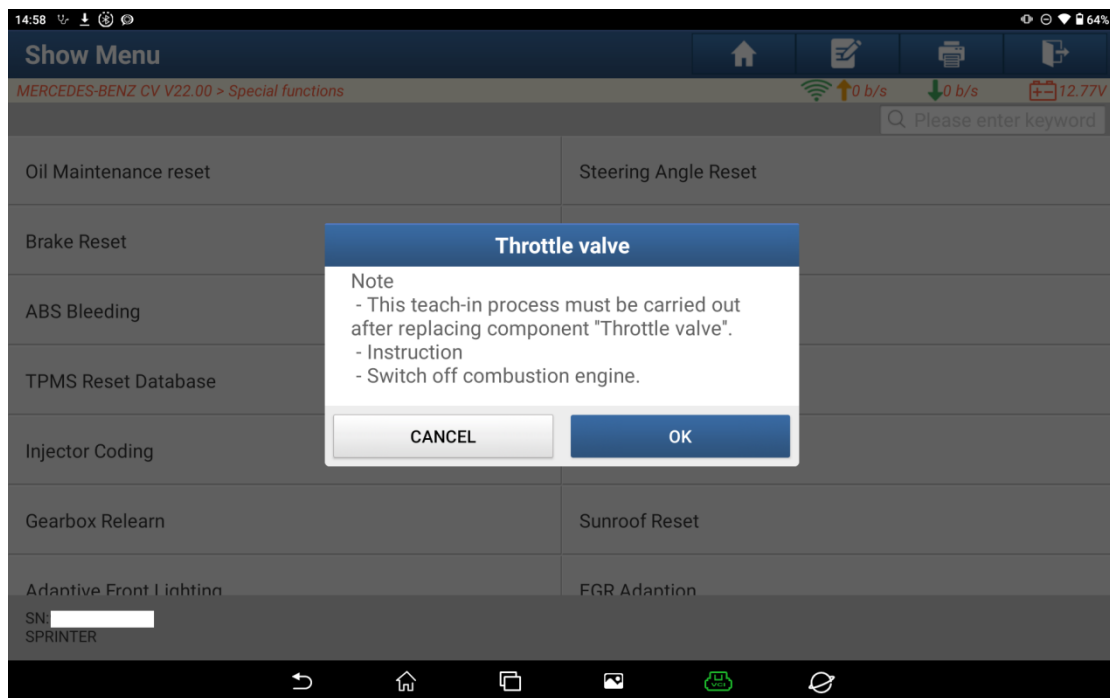
3. Choose [Electric Throttle Relearn].



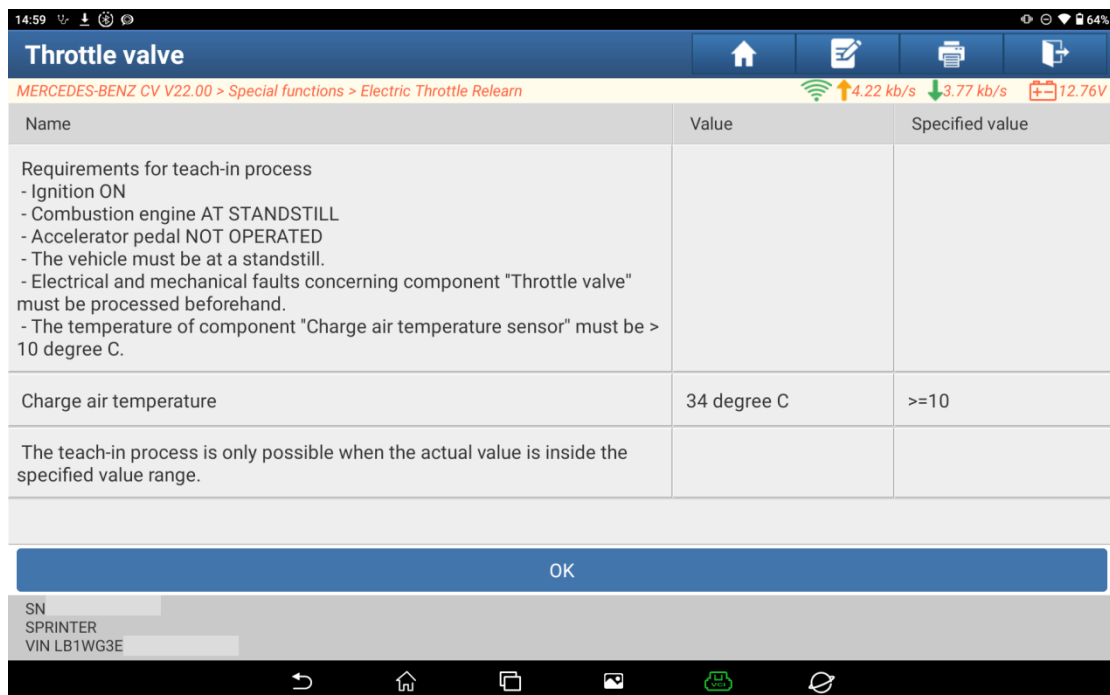
4. Confirm the vehicle information and choose "OK".



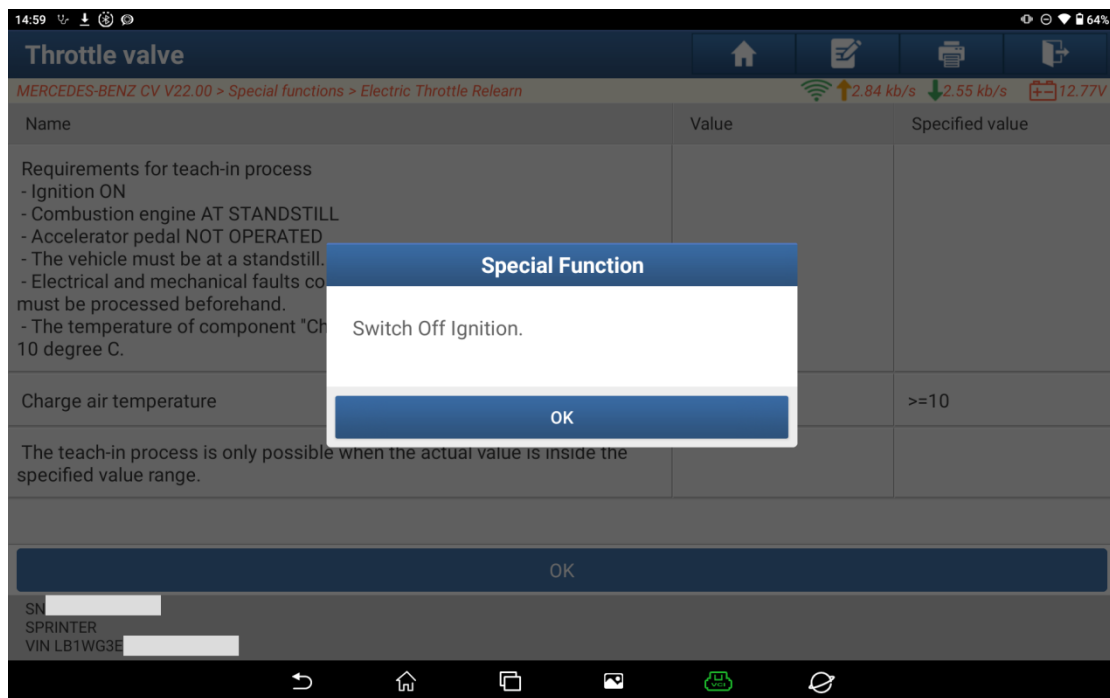
5. Read the function prompt information and choose "OK".



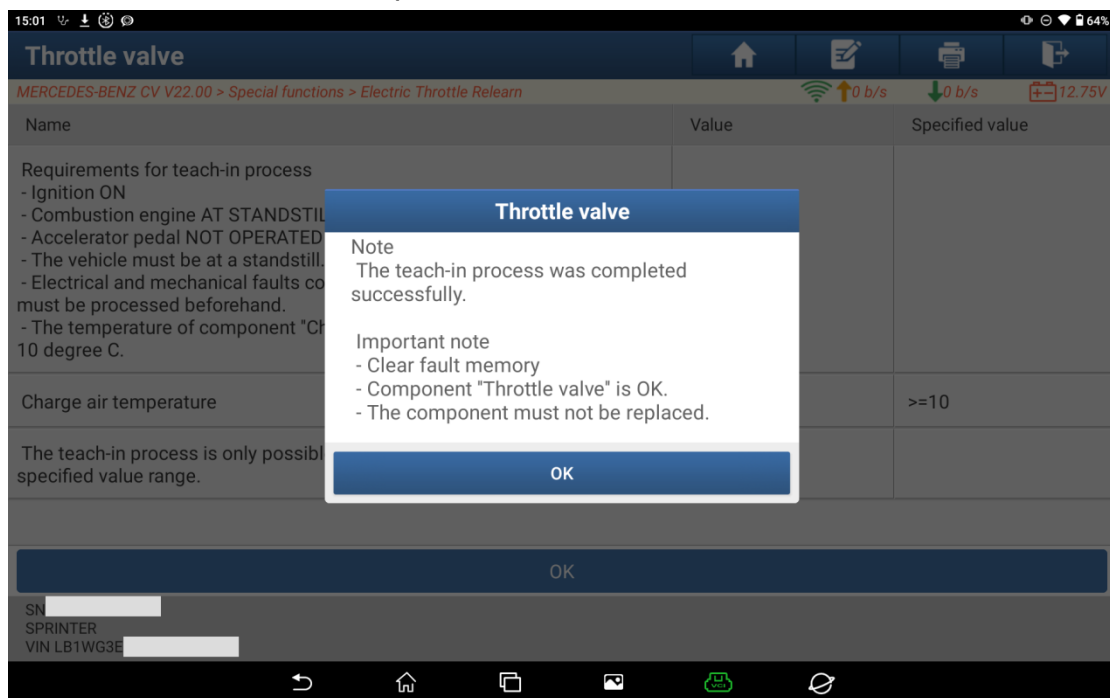
6. Confirm the function execution conditions. After all conditions are met, choose "OK".



7. Turn off the ignition switch and choose "OK".



8. Function execution completed.



Statement:

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