

2022 CHEVROLET CORVETTE SERVICE MANUAL

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Ambient Air Temperature Calculation Reset (with Ambient Air Temperature Sensor wired to ECM)

Diagnostic Instructions

- Perform the Diagnostic System Check prior to using this diagnostic procedure: Diagnostic System Check - Vehicle
- Review the description of Strategy Based Diagnosis: Strategy Based Diagnosis

Description

If equipped, This procedure resets the control module learned values of the component/system: B9 Ambient Air Temperature Sensor Hardwired > K20 Engine Control Module

When to Perform the Procedure

Note :

Failure to perform this procedure may result in poor system performance, DTCs being set, or customer dissatisfaction. Not all ECMs have the Ambient Air Temperature Calculation Reset function available in the scan tool. If not present in the scan tool, a reset procedure is not necessary.

Perform this procedure when the following component has been serviced: B9 Ambient Air Temperature Sensor or K20 Engine Control Module or Battery " Replaced

Performing the Ambient Air Temperature Calculation Reset can aid in reducing the amount of time needed to attain an accurate temperature display, but driving the vehicle may still be necessary.

Conditions for Running the Procedure

Engine = Off

Ignition = Run/Crank

Reference Information

Scan Tool Reference

Control Module References

With Scan Tool

1. Ignition >> On / Vehicle >> In Service Mode
2. Select: Module Diagnostics
3. Select: Engine Control Module
4. Select: Configuration/Reset Functions
5. Select: Reset Functions
6. Select: Ambient Air Temperature Calculation Reset
7. Follow the instructions on the scan tool.

Repair Instructions

Perform the Diagnostic Repair Verification after completing the repair: Diagnostic Repair Verification