

The engine, fuel system, ignition system, emissions system and exhaust system all affect exhaust emission levels and must be maintained according to the maintenance schedule. Refer to the Scheduled Maintenance Guide.

Correct engine identification is required to order parts. Refer to the appropriate Engine article for the procedure.

For complete vehicle and engine identification codes, Refer to: Identification Codes .

DIAGNOSIS AND TESTING > ENGINE > INSPECTION AND VERIFICATION - ENGINE PERFORMANCE



NOTE: There are 2 diagnostic paths that can be followed depending on the type of engine concern. Carry out Inspection and Verification - Engine Performance or Inspection and Verification - NVH .

1.

Verify the customer concern.

2.

Visually inspect for obvious signs of mechanical or electrical damage.

3.

If an obvious cause for an observed or reported concern is found, correct the cause (if possible) before proceeding to the next step.

4.



NOTE: Make sure to use the latest scan tool software release.

If the cause is not visually evident, connect the scan tool to the DLC.

5.



NOTE: The VCM LED prove out confirms power and ground from the DLC are provided to the VCM.

If the scan tool does not communicate with the VCM:

check the VCM connection to the vehicle.

check the scan tool connection to the VCM.