

AJ4 PERFORM THE PCM (POWERTRAIN CONTROL MODULE) KOEO (KEY ON, ENGINE OFF) SELF-TEST

Using a diagnostic scan tool, perform the PCM KOEO self-test.

Are any Diagnostic Trouble Codes (DTCs) recorded?

Yes	Refer to the appropriate article for the procedure.
No	If the drive mode RTT is never on, the system is operating correctly at this time. If the drive mode RTT is always on, INSTALL a new PCM. Refer to the appropriate article for the procedure.

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Normal Operation and Fault Conditions

See Engine Over-Temperature RTT. REFER to: Message Center - System Operation and Component Description .

If the engine coolant temperature data or the engine overheat indication request messages are missing or invalid for less than 5 seconds, the IPC defaults the engine over-temperature RTT to the last indication state (on or off), based upon on the last message received.

If the engine coolant temperature data or the engine overheat indication request messages are missing or invalid for 5 seconds or longer, the IPC defaults the engine over-temperature RTT on.

Possible Sources

- Communication concern
- GWM concern
- PCM input concern
- IPC

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AK1 CHECK THE MESSAGE CENTER OPERATION