

	DTC CHARTS & DESCRIPTIONS (EXCEPT DIESEL & HYBRID) .
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No	GO to A4
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A4 CHECK FOR PCM (POWERTRAIN CONTROL MODULE) AND BCM (BODY CONTROL MODULE) DIAGNOSTIC TROUBLE CODES (DTCS)

Using a diagnostic scan tool, carry out the PCM and the BCM self-tests.

Are any PCM or BCM Diagnostic Trouble Codes (DTCs) present?

Yes	REFER to the PCM DTC Chart or the BCM DTC Chart in DTC Charts .
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No	DIAGNOSE the starting system. Refer to the appropriate Engine article for the procedure.
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DIAGNOSIS AND TESTING > PASSIVE ANTI-THEFT SYSTEM (PATS) > PINPOINT TESTS > PINPOINT TEST B : B10D7:05

Normal Operation and Fault Conditions

When the BCM enters a key programming state, it activates the PATS transceiver to read the key in the ignition lock cylinder. If a valid PATS key is used and there are no concerns with PATS, the key is programmed into the BCM memory.

REFER to: Passive Anti-Theft System (PATS) - System Operation and Component Description .

BCM DTC Fault Trigger Conditions

DTC	Description	Fault Trigger Conditions
B10D7:05	PATS Key: System Programming Failure	Sets when a PATS key is not successfully programmed into the BCM.

Possible Causes

- PATS key not programmed

Visual Inspection and Diagnostic Pre-checks

- Inspect the PATS key for damage.
- Verify the correct key is used.

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