

Acronym	Name	Description
PATSENABL	Vehicle enable status	Indicates if PATS allows the vehicle to be driven. Must read enabled for the vehicle to be driven.

DESCRIPTION AND OPERATION > PASSIVE ANTI-THEFT SYSTEM (PATS) - SYSTEM OPERATION AND COMPONENT DESCRIPTION > COMPONENT DESCRIPTION

IKT

The IKT incorporates both the PATS functions and the RKE transmitter functions in a single device.

During key programming procedures, the PATS and the RKE transmitter of an IKT are programmed into the BCM. Conventional PATS keys can also be programmed to the vehicle if requested by the customer.

A minimum of 2 and a maximum of 8 keys can be programmed (unless in unlimited key mode).

PATS Transceiver

The PATS transceiver reads any key placed in the ignition lock cylinder. When the ignition changes to RUN or START, the BCM activates the PATS transceiver. Once the PATS transceiver activates, it activates the key in the ignition lock cylinder and receives the key data. Once the PATS transceiver receives the key data, it sends the data to the BCM.

BCM

When the BCM is replaced, program at least 2 keys and carry out the parameter reset procedure.

The BCM requires PMI when replaced.

PCM

When the PCM is replaced, carry out the parameter reset procedure. There is no need to program keys if the PCM is replaced.

The PCM requires PMI when replaced.

DIAGNOSIS AND TESTING > PASSIVE ANTI-THEFT SYSTEM (PATS) > DTC CHARTS

Diagnostics in this service information assume a certain skill level and knowledge of Ford-specific diagnostic practices. REFER to: Diagnostic Methods .

BCM DTC Chart

DTC	Description	Action
B10D5:13	PATS Antenna: Circuit Open	INSTALL a new PATS transceiver. REFER to: Passive Anti-Theft System (PATS) Transceiver .

B10D7:05	PATS Key: System Programming Failure	GO to Pinpoint Test B
B10D7:51	PATS Key: Not Programmed	PROGRAM the PATS key in question. REFER to: ANTI-THEFT SECURITY ACCESS .
B10D7:55	PATS Key: Not Configured	The CEI Lock Configuration within the BODY>SERVICE FUNCTIONS tab was not completed during the PMI procedure. CARRY OUT the CEI Lock Configuration as part of the PMI procedure.
B10D7:87	PATS Key: Missing Message	GO to Pinpoint Test D
B10D7:8F	PATS Key: Erratic	GO to Pinpoint Test C
B10D8:00	PATS Key Less Than Minimum Programmed: No Sub Type Information	Less than 2 keys are programmed (minimum of 2 keys must be programmed). CYCLE the customer's second key in the ignition key cylinder to program (when less than 2 keys are programmed, the BCM automatically programs the first 2 keys that are cycled in the ignition key cylinder).
B10D9:87	PATS Transponder: Missing Message	GO to Pinpoint Test E
B10DA:51	PATS Target Identifier: Not Programmed	There is no PCM ID stored in the BCM memory. CARRY OUT the parameter reset procedure. REFER to: ANTI-THEFT SECURITY ACCESS .
C113A:11	Wakeup Control: Circuit Short To Ground	GO to Pinpoint Test F
C113A:15	Wakeup Control: Circuit Short To Battery or Open	GO to Pinpoint Test F
All other Diagnostic Trouble Codes (DTCs)	-	REFER to: Body Control Module (BCM) .

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PCM DTC Chart

DTC	Description	Action
P161A	Incorrect Response from	The BCM ID received by the PCM