

419-01C Passive Anti-Theft System (PATS) - Vehicles With: Keyless Vehicle System

2019 Ranger

Diagnosis and Testing

Procedure revision date:
10/23/2018

Passive Anti-Theft System (PATS)

DTC Charts

BCM DTC Chart

Diagnostics in this manual assume a certain skill level and knowledge of Ford-specific diagnostic practices. REFER to: [Diagnostic Methods](#) (100-00 General Information, Description and Operation).

<u>DTC</u>	<u>Description</u>	<u>Action</u>
B10C7:01	Interior Trunk Antenna: General Electrical Failure	GO to Pinpoint Test A
B10C8:01	Interior Centre Antenna: General Electrical Failure	GO to Pinpoint Test A
B10D7:05	PATS Key: System Programming Failure	GO to Pinpoint Test C
B10D7:55	PATS Key: Not Configured	GO to Pinpoint Test D
B10D8:00	PATS Key Less Than Minimum Programmed: No Sub Type Information	GO to Pinpoint Test E
B10DA:51	PATS Target Identifier: Not Programmed	GO to Pinpoint Test F
B1336:01	Left Front Door External Antenna: General Electrical Failure	GO to Pinpoint Test A
B1337:01	Right Front Door External Antenna: General Electrical Failure	GO to Pinpoint Test A
All other Diagnostic Trouble Codes (DTCs)	-	REFER to: Body Control Module (BCM) (419-10 Multifunction Electronic Modules, Diagnosis and Testing).

PCM DTC Chart

Diagnostics in this manual assume a certain skill level and knowledge of Ford-specific diagnostic practices. REFER to: [Diagnostic Methods](#) (100-00 General Information, Description and Operation).

DTC	Description	Action
P161A:00	Incorrect Response from Immobilizer Control Module: No Sub Type Information	GO to Pinpoint Test G
All other Diagnostic Trouble Codes (DTCs)	-	REFER to the <u>PCM DTC</u> Chart in the appropriate 303-14 section.

Symptom Chart

Symptom Chart: PATS

Diagnostics in this manual assume a certain skill level and knowledge of Ford-specific diagnostic practices. REFER to: [Diagnostic Methods](#) (100-00 General Information, Description and Operation).

Condition	Possible Sources	Actions
No Key Detected displays in the message center	<ul style="list-style-type: none"> Refer to the Pinpoint Test 	<ul style="list-style-type: none"> GO to Pinpoint Test A
The vehicle does not start with the passive key in certain areas within the vehicle but starts using the passive key backup location	<ul style="list-style-type: none"> Refer to the Pinpoint Test 	<ul style="list-style-type: none"> GO to Pinpoint Test A
Unable to program keys	<ul style="list-style-type: none"> Refer to the Pinpoint Test 	<ul style="list-style-type: none"> GO to Pinpoint Test A
Unable to turn the ignition on	<ul style="list-style-type: none"> Refer to the Pinpoint Test 	<ul style="list-style-type: none"> GO to Pinpoint Test B

Pinpoint Tests

► [PINPOINT TEST A : NO KEY DETECTED DISPLAYS IN THE MESSAGE CENTER](#)

► [PINPOINT TEST B : UNABLE TO TURN THE IGNITION ON](#)

► [PINPOINT TEST C : B10D7:05](#)

► [PINPOINT TEST D : DTC \(DIAGNOSTIC TROUBLE CODE\) B10D7:55](#)

► [PINPOINT TEST E : DTC \(DIAGNOSTIC TROUBLE CODE\) B10D8:00](#)

► [PINPOINT TEST F : DTC \(DIAGNOSTIC TROUBLE CODE\) B10DA:51](#)

► PINPOINT TEST G : DTC (DIAGNOSTIC TROUBLE CODE) P161A:00

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