

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).

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

<u>DTC</u>	<u>Description</u>	<u>Action</u>
P161A:00	Incorrect Response from Immobilizer Control Module: No Sub Type Information	<a href="#">GO to Pinpoint Test G</a>
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).

<u>Condition</u>	<u>Possible Sources</u>	<u>Actions</u>
No Key Detected displays in the message center	<ul style="list-style-type: none"> <li>Refer to the Pinpoint Test</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">GO to Pinpoint Test A</a></li> </ul>
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"> <li>Refer to the Pinpoint Test</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">GO to Pinpoint Test A</a></li> </ul>
Unable to program keys	<ul style="list-style-type: none"> <li>Refer to the Pinpoint Test</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">GO to Pinpoint Test A</a></li> </ul>
Unable to turn the ignition on	<ul style="list-style-type: none"> <li>Refer to the Pinpoint Test</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">GO to Pinpoint Test B</a></li> </ul>

## 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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