



# TECHNICAL SERVICE BULLETIN

## No Crank/No Start - "No Key Detected"

**25-2621**  
09 February 2026

### Model:

<b>Ford</b>
2024-2025 Bronco
2025 Expedition
2025 Explorer
2024-2025 F-150
2023-2025 F-Super Duty
2024-2025 Mustang
2024-2025 Ranger
<b>Lincoln</b>
2025 Aviator
2024-2025 Nautilus
2025 Navigator

**Markets:** North American markets only

**Issue:** Some vehicles listed in the Model statement above may exhibit a no crank/no start condition where the customer cannot start their vehicle. The vehicle may also exhibit a "No Key Detected" message displayed on the IPC, and no key fob works in the back up slot. The RKE functionality will work to lock/unlock the vehicle.

**Action:** To correct the condition, follow the Service Procedure steps to perform the "Body Control Module (BCM) Hardware Test Guided Routine", reprogram the key fobs and/or replace the BCM.

### Parts - Parts To Inspect And Replace Only If Necessary

Service Part Number	Claim Quantity	Package Order Quantity	Number in Package	Description
15604	Only If Necessary (1 Possible)	Only If Necessary (1 Possible)	1	BCM - Refer To The Parts Catalog For The VIN Specific Application

Service part numbers and "number in package" quantity may change after publication, thus also affecting the "package order quantity". Refer to the parts catalog for the latest information.

**Claim Quantity** refers to the total number of individual pieces required to repair the vehicle.

**Package Order Quantity** refers to the amount of the service part number package(s) required to repair the vehicle.

**Number In Package** refers to the number of individual pieces included in a service part number package, also known as unit of issue (UOI).

**Only If Necessary** indicates the part is not mandatory. Refer to the Service Procedure to determine the inspection/inclusion criteria.

**Warranty Status:** Warranty coverage limits and policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

### Labor Times

Description	Operation No.	Time
2024-2025 F-150/Nautilus/F-Super Duty/Ranger: Run BCM Hardware Test - Pass – Repair No Key Detected Outside Of This Article	252621A	0.3 Hrs.
2024-2025 F-150/Nautilus/F-Super Duty/Ranger: Run BCM Hardware Test - Fail, Replace BCM	252621B	1.0 Hrs.
2024-2025 F-150/Nautilus/F-Super Duty/Ranger: Reprogram Both Key Fobs – Pass	252621C	0.3 Hrs.
2024-2025 F-150/Nautilus/F-Super Duty/Ranger: Reprogram Both key Fobs – Fail, Replace BCM	252621D	1.0 Hrs.
2024-2025 Mustang, 2025 Aviator/Explorer: Run Run BCM Hardware Test - Pass – Repair No Key Detected Outside Of This Article	252621E	0.3 Hrs.
2024-2025 Mustang, 2025 Aviator/Explorer: Run BCM Hardware Test - Fail, Replace BCM	252621F	1.2 Hrs.
2024-2025 Mustang, 2025 Aviator/Explorer: Reprogram Both Key Fobs – Pass	252621G	0.3 Hrs.
2024-2025 Mustang, 2025 Aviator/Explorer: Reprogram Both key Fobs – Fail, Replace BCM	252621H	1.1 Hrs.
2025 Expedition/Navigator: Run BCM Hardware Test - Pass – Repair No Key Detected Outside Of This Article	252621J	0.3 Hrs.
2025 Expedition/Navigator: Run BCM Hardware Test - Fail, Replace BCM	252621K	1.1 Hrs.
2025 Expedition/Navigator: Reprogram Both Key Fobs – Pass	252621L	0.3 Hrs.
2025 Expedition/Navigator: Reprogram Both key Fobs – Fail, Replace BCM	252621M	1.0 Hrs.
2024-2025 Bronco: Run BCM Hardware Test - Pass – Repair No Key Detected Outside Of This Article	252621N	0.3 Hrs.
2024-2025 Bronco: Run BCM Hardware Test - Fail, Replace BCM	252621P	0.8 Hrs.
2024-2025 Bronco: Reprogram Both Key FOB's – Pass	252621Q	0.3 Hrs.
2024-2025 Bronco: Reprogram Both key FOB's – Fail, Replace BCM	252621R	0.8 Hrs.

### Repair/Claim Coding

Causal Part:	14F546
Condition Code:	42

### Service Procedure

1. Is the vehicle a 2025 Expedition/Navigator/F-Super Duty, 2025 Explorer/Aviator built on or after 02-Feb-2025, 2025 Nautilus built on or after 17-Feb-2025, or 2025 F-150 built on or after 16-Jul-2025?

- (1). Yes - proceed to Procedure 1 - No Crank/No Start - Body Control Module (BCM) Hardware Test.
  - (2). No - proceed to Step 2.
2. Is the vehicle a 2023-2024 F-Super Duty, 2024-2025 Ranger/Bronco/Mustang, 2024-2025 F-150 built on or before 15-Jul-2025, 2024-2025 Nautilus built on or before 16-Feb-2025, or 2025 Explorer/Aviator built on or before 01-Feb-2025?
- (1). Yes - proceed to Procedure 2 - No Crank/No Start - Diagnostics.
  - (2). No - this article does not apply. Refer to [WSM](#), Section 419-01C for normal diagnostics.

### **Procedure 1 - No Crank No Start - Body Control Module (BCM) Hardware Test**

1. Manually enter the [VIN](#) into the [VIN](#) entry dialog in [FDRS](#) and then start a session using the [VCM II](#), [VCM III](#), or [VCMM](#) or later level device with [USB](#) cable disconnected from the laptop.
2. Select "BCM - Body Control Module" (BCM) Hardware Test" from the Toolbox.
3. Select "Run" and connect the [VCM II](#), [VCM III](#), or [VCMM](#) or later level device [USB](#) cable to the laptop.
4. Follow the instructions as directed by the "BCM - Body Control Module (BCM) Hardware Test" Guided Routine. Does the routine direct [BCM](#) replacement?
  - (1). Yes - replace the [BCM](#). Refer to [WSM](#), Section 419-01B.
  - (2). No - complete diagnosis and repairs for "No Key Detected" outside of this article.

### **Procedure 2 - No Crank/No Start - Diagnostic**

1. Place one or both keys in the vehicle and try to start the vehicle.
2. Does a "No Key Detected" message appear display on the [IPC](#)?
  - (1). Yes - proceed to Step 3.
  - (2). No - this article does not apply. Refer to [WSM](#), Section 419-01B for normal diagnostics.
3. Reprogram both key fobs. Refer to [WSM](#) and any applicable service messages. Was the key fob programming successful?
  - (1). Yes - repair is complete.
  - (2). No - proceed to Step 4.
4. Replace the [BCM](#). Refer to [WSM](#), Section 419-10.

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NOTE: The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford or Lincoln dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.