



TECHNICAL SERVICE BULLETIN

24-2444

Illuminated Airbag Warning Indicator Lamp With DTC B0004:1A, B0013:1A, B1405:1A, And/Or B1408:1A Stored In The RCM

07 January 2025

Model:

Ford 2024 Ranger	Built on 01-Apr-2024 and through 16-Jul-2024
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Markets: North American markets only

Issue: Some of the vehicles listed in the Model statement above may exhibit an illuminated airbag warning indicator lamp with DTC B0004:1A, B0013:1A, B1405:1A, and/or B1408:1A stored in the RCM. This may be due to the airbag electrical connector.

Action: For vehicles that meet all of the criteria in the Issue and Model statements, follow the Service Procedure to inspect the connector and replace it if necessary.

Parts

Service Part Number	Claim Quantity	Package Order Quantity	Number in Package	Description
BU2Z-14S411-BHA	As Needed (Up To 4 Possible)	As Needed (Up To 4 Possible)	1	Pigtail

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.

As Needed indicates the part is necessary but amount of the part may vary and/or is not a whole number. Parts can be billed out as non-whole numbers, including less than 1.

Warranty Status: Eligible under provisions of New Vehicle Limited Warranty (NVLW)/Service Part Warranty (SPW)/Service Part New Vehicle (SPNV)/Extended Service Plan (ESP) coverage. Limits/policies/prior approvals are not altered by a TSB. NVLW/SPW/SPNV/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

Labor Times

Description	Operation No.	Time
2024 Ranger: Disconnect And Inspect Connectors C9032, C9031, C2433 And C2432 (Pass) (Do Not Use With Any Other Labor Operations)	242444A	2.1 Hrs.
2024 Ranger: Disconnect And Inspect Connectors C9032, C9031, C2433 And C2432 (Fail) Replace One (1) Connector (Do Not Use With Any Other Labor Operations)	242444B	2.3 Hrs.
2024 Ranger: Disconnect And Inspect Connectors C9032, C9031, C2433 And C2432 (Fail) And Replace Two (2) Connectors (Do Not Use With Any Other Labor Operations)	242444C	2.6 Hrs.
2024 Ranger: Disconnect And Inspect Connectors C9032, C9031, C2433 And C2432 (Fail) And Replace Three (3) Connectors (Do Not Use With Any Other Labor Operations)	242444D	2.8 Hrs.
2024 Ranger: Disconnect And Inspect Connectors C9032, C9031, C2433 And C2432 (Fail) And Replace All Four (4) Connectors (Do Not Use With Any Other Labor Operations)	242444E	3.0 Hrs.

Repair/Claim Coding

Causal Part:	14401
Condition Code:	28

Service Procedure

NOTE: This procedure will involve inspecting all four connectors regardless of the **DTC** that is set.

1. Gain access to and disconnect all four of the following airbag connectors: passenger side air curtain connector C9032, driver side air curtain connector C9031, passenger knee airbag connector C2433, driver knee airbag connector C2432. Refer to WSM, Section 501-20B Supplemental Restraint System.
2. On each of the 4 airbag connectors, identify the moulding number on the locking tab. This will be located on the right side ear of the locking tab as shown in Figure 1.



- (1). Using a black permanent marker, color the locking tab similar to Figure 2. The use of a magnifying glass or quality camera can make it easier to see the number.



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3. Do any of the four locking tabs have the numbers 02, 03, 09, 11 or 14 stamped on them or are any of the connectors damaged?

(1). Yes - replace the affected connector(s) with a service replacement pigtail. Refer to WSM Section 501-20B.

(2). No - this article does not apply. Refer to WSM for normal diagnostics.

4. Reconnect the four connectors disassembled in Step 1 and reassemble the vehicle.

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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.