

Part 573 Safety Recall Report

24V-293

Manufacturer Name : Ford Motor Company**Submission Date :** APR 26, 2024**NHTSA Recall No. :** 24V-293**Manufacturer Recall No. :** 24S27**Manufacturer Information :**

Manufacturer Name : Ford Motor Company

Address : 330 Town Center Drive

Suite 500 Dearborn MI 48126-2738

Company phone : 1-866-436-7332

Population :

Number of potentially involved : 242,669

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2024 Ford Maverick

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : The recalled Body Control Module calibration was introduced into production on 02/03/2021 and was taken out of production on 03/21/2024.

These vehicles are not produced in VIN order. Information as to the applicability of this action to specific vehicles can best be obtained by either calling Ford's toll-free line (1-866-436-7332) or by contacting a local Ford or Lincoln dealer who can obtain specific information regarding the vehicles from the Ford On-line Automotive Service Information System (OASIS) database.

Production Dates : FEB 03, 2021 - MAR 21, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The Body Control Module (BCM) may falsely detect a current overload on one or both of the rear position lamp circuits, resulting in one or both of the lamps to be deactivated during a drive cycle. This issue does not affect headlights, stop lamps (including Center High Mount Stop Lamp), or turn signal functions.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Rear position lamps that fail to illuminate can cause reduced visibility to other drivers in dark conditions, increasing the risk of a collision.

Description of the Cause : The rear lamps employ two position bulbs on a single circuit, and the BCM current threshold was calibrated to the current draw for one bulb.

Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : Body Control Module (BCM)

Component Description : Body Control Module (BCM)

Component Part Number : MU5T-15604-*

Supplier Identification :

Component Manufacturer

Name : Robert Bosch LLC

Address : 38000 Hills Tech Drive
Farmington Hills Michigan 48331

Country : United States

Chronology :

On February 6, 2024, an issue pertaining to Ford Maverick taillamps was brought to Ford's Critical Concern Review Group for review. Ford Product Development Lighting Systems team identified an elevated level of Diagnostic Trouble Codes (DTCs) related to inoperative rear taillamps logged in Connected Vehicle (CV) data for Ford Maverick vehicles in the field. The operation of the position light was affected, brake and signal lights remained fully functional.

From February 2024 to April 2024, the Lighting Systems team conducted testing and analysis to understand the conditions necessary to set the observed DTCs and further analyzed connected vehicle data and warranty claims to understand the vehicle behavior.

As of April 4, 2024, Ford is aware of 11 warranty claims potentially related to this issue. CV data shows that 4,727 VINs have set DTCs that may be related to this issue, with 1,555 vehicles setting both left hand and right hand DTCs on the same trip.

On April 19, 2024, Ford's Field Review Committee reviewed the concern and approved a field action.

Ford is not aware of any accidents or injuries attributed to this condition.

Description of Remedy :

Description of Remedy Program : Owners will be notified by mail and instructed to take their vehicle to a Ford or Lincoln dealer to have the BCM calibration updated to the latest level. There will be no charge for this service.

Ford provided the general reimbursement plan for the cost of remedies paid for by vehicle owners prior to notification of a safety recall in May 2023. The ending date for reimbursement eligibility is estimated to be June 3, 2024.

How Remedy Component Differs from Recalled Component : The updated BCM calibration NZ6T-14G162-BB, NZ6T-14G162-CB, NZ6T-14G162-EB, NZ6T-14G162-HB, NZ6T-14G162-FB will set the overcurrent threshold to the correct level for a circuit containing two bulbs.

Identify How/When Recall Condition was Corrected in Production : Not required per 49 Part 573.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on May 1, 2024. Mailing of owner notification letters is expected to begin May 20, 2024 and is expected to be completed by May 24, 2024.

Planned Dealer Notification Date : MAY 01, 2024 - MAY 01, 2024

Planned Owner Notification Date : MAY 20, 2024 - MAY 24, 2024

* NR - Not Reported