

Part 573 Safety Recall Report

22V-730

Manufacturer Name : Ford Motor Company

Submission Date : OCT 11, 2022

NHTSA Recall No. : 22V-730

Manufacturer Recall No. : 22C24



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 : 11,098

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2022 Ford Maverick

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : Ford's team reviewed supplier process and maintenance records to determine the population of affected parts. The Ford process is capable of tracing the Antilock Braking System Module production to the vehicle in which the Antilock Braking System Module is installed.

Affected vehicles are equipped with suspect Antilock Braking System Modules.

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.

11,098 Ford Maverick vehicles are affected.

Production Dates : FEB 11, 2021 - SEP 05, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : Under certain circumstances the brake lamps are illuminated when the driver is not applying the brakes. This condition represents a noncompliance for FMVSS 108 (Lamps, Reflective Devices, and Associated Equipment), as unintended illumination may impair the effectiveness of the stop lamps.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

Description of the Safety Risk : Unintended illumination of the stop lamps may impair their effectiveness and increase the risk of crash.

Description of the Cause : Due to a lack of definition in the Active Cruise Control (ACC) and the Antilock Braking System (ABS) interface specification, the ABS sends an incorrect signal to the Integrated Trailer Relay Module (ITRM). The ITRM then assumes by reading this incorrect signal that the brakes are still active, leading to the brake lamps illuminating when the brakes are not active.

Identification of Any Warning that can Occur : No warning exists.

Involved Components :

Component Name 1 : ABS Module

Component Description : ABS Module Software

Component Part Number : Final assembly: NZ6C-2B373-C – Software Strategy: NZ6C-2D053-C

Supplier Identification :

Component Manufacturer

Name : Continental Automotive

Address : 1103 Jamestown Road
Morganton North Carolina 28655

Country : United States

Chronology :

On August 26th 2022 , an issue pertaining to the rear brake lamps was brought to Ford's Critical Concern Review Group for review.

On August, 2022 the Plant Vehicle Team was made aware of an issue with the rear brake lamps on Maverick. Under certain circumstances the brake lamps are illuminated when the driver is not applying the brakes.

An investigation revealed that the ABS module supplied by Continental transmitted an incorrect value to the ITRM due to a misinterpretation of a specification provided by Ford.

As of September 22nd 2022, there have been 23 known warranty claims alleging vehicle stop lamps illuminating without brake application. As of September 22th, 2022 there are no related VOQs, accidents, or

injuries reported.

On September 23rd 2022, Ford's Field Review Committee reviewed the concern and approved a field action.

Ford is not aware of any reports of accident or injury related 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 an update of the software in the ABS module. 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 2021. The ending date for reimbursement eligibility is estimated to be November 25th 2022.

Ford will forward a copy of the notification letters to dealers to the agency when available.

How Remedy Component Differs from Recalled Component : The new software for the Antilock Braking System will be designed based on proper interpretation the ACC and ABS interface specification.

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on September 30th 2022. Mailing of owner notification letters is expected to begin November 14th, 2022 and is expected to be completed by November 18th 2022.

Planned Dealer Notification Date : SEP 30, 2022 - SEP 30, 2022

Planned Owner Notification Date : NOV 14, 2022 - NOV 18, 2022

* NR - Not Reported