

Part 573 Safety Recall Report

24V-496

Manufacturer Name : Ford Motor Company**Submission Date :** JUN 28, 2024**NHTSA Recall No. :** 24V-496**Manufacturer Recall No. :** 24S43**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 : 10

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2024-2024 Ford Mustang

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Ford's team reviewed dealer service records to determine the population of affected vehicles. The Ford process is capable of determining which software part numbers have been installed in service. Affected vehicles contain the subject Body Control Module (BCM) software. 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 : OCT 26, 2022 - FEB 08, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The brake fluid level sensor is not properly configured after a Body Control Module (BCM) service update, which can result in a constantly illuminated brake fluid level warning indicator. This may mask a low-brake fluid condition if a customer assumes the warning indicator is malfunctioning.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An undetected low brake fluid condition can lead to a loss of braking function, increasing the risk of a crash.

Description of the Cause : A BCM software release inadvertently contained an incorrect configuration parameter for a brake fluid sensor that is hardwired to the BCM. The vehicle

utilizes a brake fluid sensor that communicates to the BCM using Controller Area Network (CAN) messaging.

Identification of Any Warning that can Occur : None.

Involved Components :

Component Name 1 : BCM Software

Component Description : 2024 Mustang BCM Software

Component Part Number : NU5T-14C184-AAT (DE0A= x01)

Supplier Identification :

Component Manufacturer

Name : Ford Motor Company

Address : 1 American Rd
Dearborn Michigan 48126

Country : United States

Chronology :

On April 30, 2024, an issue pertaining to a falsely illuminated brake fluid level warning indicator was brought to

Ford's Critical Concern Review Group (CCRG) for review. Ford's CCRG determined that a voluntary safety recall should be recommended, and reviewed service records and connected vehicle data to determine which vehicles received the incorrect BCM software update that caused the issue.

As of Jun 11, 2024, Ford is aware of 5 warranty claims and 2 field reports in the United States about constantly illuminated brake malfunction tell-tale on the cluster without an actual brake malfunction identified.

On June 21, 2024, Ford's Field Review Committee reviewed the concern and approved a field action.

Ford is not aware of any reports of accidents, injuries or Vehicle Owner Questionnaires (VOQs) 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 dealer to have the BCM software updated. 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 July 26, 2024.

How Remedy Component Differs from Recalled Component : New BCM software (NU5T-14C184-AAT (DE0A= x00)) will properly illuminate the brake fluid warning indicator only when the master cylinder reservoir is low.

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 June 28, 2024. Mailing of owner notification letters is expected to begin July 8, 2024 and is expected to be completed by July 12, 2024.

Planned Dealer Notification Date : JUN 28, 2024 - JUN 28, 2024

Planned Owner Notification Date : JUL 08, 2024 - JUL 12, 2024

* NR - Not Reported