



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V546

Manufacturer Name: Ford Motor Company

Submission Date: Aug 22, 2025

NHTSA Recall No.: 25V546

Manufacturer Recall No.: 25C43

Manufacturer Information

Population

Manufacturer Name: Ford Motor Company

Address: 330 Town Center Drive
Suite 500
Dearborn MI, 48126-2738

Total number of potentially involved: 105,441

Estimated percentage with defect: 1%

Vehicle Information

Vehicle 1: 2024-2025 FORD MUSTANG

Product Category: Light Vehicles

Product Type: Passenger Car

Fuel / Propulsion:

Production Dates: Sep 07, 2022 - Jul 14, 2025

Number of potentially involved: 105,441

Descriptive Information:

Ford's team reviewed plant records to determine the population of affected vehicles. The Ford process is

capable of tracing the vehicle production in which body seam locations were not properly sealed.

105,441 Mustang vehicles are affected.

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.

Defect / Noncompliance Description

Description of the defect or noncompliance:

Affected vehicles may have improperly sealed body seams that allow for potential water intrusion into their Body Control Modules (BCM). When water intrusion into the BCM

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causes

loss of communication with exterior lighting components, signal lamps that are required to be activated with low

beams (front and rear side marker lamps, taillamps, and license plate lamps) are not activated as required per

FMVSS 108 Table I.-a. In addition, water intrusion into the BCM could cause the side marker and taillamp

functions to flicker and not be steady burning as required per FMVSS 108 Table I.-a.

FMVSS1: 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

Inoperable and/or intermittent operation of signal lamps may make the vehicle less visible to other drivers, increasing the risk of a crash.

Description of the cause:

Improperly sealed body seams at the vehicle's cowl top and lower windshield corner resulting from inconsistent robotic and manual sealer dispensing and skiving operations may allow for potential water intrusion into the vehicle's body structure and a leak path to the vehicle's body control module.

Identification of any warning that can occur:

Customers may experience flickering side markers and taillamps. Some lighting may remain activated when the vehicle is turned off, draining the battery and resulting in a battery warning light in the instrument panel cluster.

Component Manufacturer

Tier of Supplier: Tier 1

Supplier Type: OEM

Name: Ford Motor Company

Address: 1 American Road
Dearborn MI, 48126

Country: United States

Involved Components

Component Name 1: Gen1M BCM

Component Description: Body Control Module

Component Part Number: PR3T-15604-KAAG

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25V546**Component Name 2:** Gen1MR C1 BCM**Component Description:** Body Control Module**Component Part Number:** RR3T-15604-KKAC**Component Name 3:** Gen1MR C2 BCM**Component Description:** Body Control Module**Component Part Number:** TR3T-15604-JMAD**Component Name 4:** Cowl Top**Component Description:** Cowl Top**Component Part Number:** FR3B-6302015-A**Component Name 5:** Cowl Top Inner**Component Description:** Cowl Top Inner**Component Part Number:** PR3B-C02030-A**Component Name 6:** Body Pillar Upper Hinge**Component Description:** Body Pillar Upper Hinge**Component Part Number:** FR3B-C02556-A**Component Name 7:** Body Side**Component Description:** Body Side**Component Part Number:** PR3B-C27846-A**Component Name 8:** Side Panel Cowl Reinforcement**Component Description:** Side Panel Cowl Reinforcement**Component Part Number:** PR3B-C024A14-A

Chronology

On April 11, 2025, Ford's Product Development Body Exterior Lighting team contacted Ford's Critical Concern

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Review Group (CCRG) regarding a 2025 Mustang vehicle that experienced headlamp lighting issues while

undergoing durability testing. On April 15, 2025, CCRG opened an investigation into this concern.

CCRG's investigation determined that beginning in August 2024, warranty claims alleging interior/exterior

lighting and battery drain concerns resulting from water intrusion into vehicles' Body Control Modules (BCMs)

began to increase.

From December 2024 through May 2025, the Ford's Body Static Sealing engineering team ran multiple vehicle level tests to verify the source of the water leaks reaching the BCM. Leak points were identified at

multiple locations due to improper application of sealer. Containment actions to address the leak points were

implemented.

Throughout June 2025, the investigation team worked with the BCM hardware team to better understand all

potential effects/symptoms of water intrusion into the BCM.

On July 09, 2025, the CCRG closed their investigation based on an assessment that the vehicles were compliant to all Federal Motor Vehicle Safety Standards (FMVSS) when shipped from their assembly plant and

the low current and projected occurrence rate of the water intrusion condition.

On August 11, 2025, the CCRG reopened the investigation based on newly assessed information regarding

low time in service claims. Further review of warranty claim data showed the water intrusion condition may

manifest more quickly than previously assumed, possibly affecting their compliance to FMVSS standards at the

time of sale.

As of July 1, 2025, Ford is aware of 69 warranty claims and 17 field reports related to water and/or corrosion

at the BCM connectors.

On August 15, 2025, 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.

Related NHTSA Recall Number:

Description of Remedy

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Remedy Type: Inspect, Repair, Replace

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

Owners will be notified by mail and instructed to take their vehicle to a Ford or Lincoln dealer to have proper sealing at potentially affected body seams verified. Dealers will also inspect the BCM and replace if water and/or corrosion are present. There will be no charge for this service.

How remedy component differs from recalled component:

The remedy BCM (PR3T-15604-KAAG, Gen1M/ RR3T-15604-KKAC, Gen1MR C1/ TR3T-15604-JMAD, Gen1MR C2) will be free of corrosion and/or water in its connectors. The body front structure (FR3B-6302015-A, cowl top/ FR3B-C02556-A, Body Pillar Upper Hinge / PR3B-C02030-A, cowl top inner / PR3B-C27846-A, body side / PR3B-C024A14-A, Side Panel Cowl Reinforcement) will have properly sealed seams.

Identify how/when recall condition was corrected in production:

Not required per 49 Part 573.

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule

Description of recall schedule:

Notification to dealers is expected to occur on August 25, 2025. Mailing of interim owner notification letters is expected to begin September 1, 2025 and is expected to be completed by September 5, 2025. Mailing of remedy owner notification letters is expected to begin January 1, 2026 and is expected to be completed by March 31, 2026. The date VINs are planned to be searchable is August 25, 2025.

Planned Dealer Notification Date: Aug 25, 2025 - Aug 25, 2025 ☐ No Dealers

Planned Interim Owner Notification Date: Sep 01, 2025 - Sep 05, 2025 ☐ No Owners

Planned Remedy Owner Notification Date: Jan 01, 2026 - Mar 31, 2026 ☐ Phased Recall

Date when VIN will be searchable: Aug 25, 2025