



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V322

Manufacturer Name: Toyota Motor Engineering & Manufacturing

Submission Date: May 15, 2025

NHTSA Recall No.: 25V322

Manufacturer Recall No.: 25TB06 / 25TA06

Manufacturer Information

Population

Manufacturer Name: Toyota Motor Engineering & Manufacturing

Address: 6565 Headquarters Drive
Plano TX, 75024

Total number of potentially involved: 443,444

Estimated percentage with defect: 1%

Vehicle Information

Vehicle 1: 2022-2025 Toyota Tundra Hybrid

Product Category:

Product Type:

Fuel / Propulsion:

Production Dates: Jun 30, 2021 - Mar 20, 2025

Number of potentially involved:

Descriptive Information:

Although the involved vehicles are within the above production period range, not all vehicles in this range were sold in the U.S.

This recall only affects the 2022-2025MY Tundra and Tundra Hybrid vehicles equipped with reverse lamp assemblies of a specific design using a specific adhesive for the vent patch. Toyota is unable to estimate the percentage of the involved vehicles to contain the defect. Whether the issue, in each case, will actually lead to both reverse lamps not illuminating depends on whether the multi-layer vent patch has allowed moisture to enter the reverse lamp assembly and caused corrosion of electrical components. However, as the NHTSA manufacturer portal requires an integer value be entered, Toyota has entered the value "1" in response to this question in the portal. For the purpose of this report, "1" means "unknown".

Vehicle 2: 2022-2025 Toyota Tundra

Product Category:

Product Type:

Fuel / Propulsion:

Production Dates: May 10, 2021 - Mar 26, 2025

Number of potentially involved:

Descriptive Information:

Part 573 Safety Recall Report

25V322

Although the involved vehicles are within the above production period range, not all vehicles in this range were sold in the U.S.

This recall only affects the 2022-2025MY Tundra and Tundra Hybrid vehicles equipped with reverse lamp assemblies of a specific design using a specific adhesive for the vent patch. Toyota is unable to estimate the percentage of the involved vehicles to contain the defect. Whether the issue, in each case, will actually lead to both reverse lamps not illuminating depends on whether the multi-layer vent patch has allowed moisture to enter the reverse lamp assembly and caused corrosion of electrical components. However, as the NHTSA manufacturer portal requires an integer value be entered, Toyota has entered the value "1" in response to this question in the portal. For the purpose of this report, "1" means "unknown".

Defect / Noncompliance Description

Description of the defect or noncompliance:

The subject vehicles are equipped with two reverse lamp assemblies, each containing a multi-layer vent patch which, among other things, provides protection from water intrusion. The multi-layer vent patch may separate over time due to thermal cycling, compromising the adhesive and allowing moisture to enter an assembly. Moisture in a reverse lamp assembly could corrode the internal circuit board, connectors and/or the wire harness and cause a lamp to not illuminate. If both reverse lamps do not illuminate when the vehicle is operating in reverse, the driver's view to the rear can be limited when backing during low ambient light conditions, and there may be no indication to others that the vehicle is operating in reverse. This can increase the risk of a crash.

FMVSS1:

FMVSS2:

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

If both reverse lamps do not illuminate when the vehicle is operating in reverse, the driver's view to the rear can be limited when backing during low ambient light conditions, and there may be no indication to others that the vehicle is operating in reverse. This can increase the risk of a crash.

Description of the cause:

Identification of any warning that can occur:

Component Manufacturer

Tier of Supplier:

Supplier Type:

Name: Hella Automotive de México S.A. de C.V.

Address: Anillo Periferico Sur No 7980 Edificio
Connect Col. Santa Maria Tlaquepaque CP

Part 573 Safety Recall Report

25V322

Jalisco Foreign States, 45601

Country: Mexico

Involved Components

Component Name 1: Lamp Assy, Rear, RH**Component Description:** Backup Lamp Assembly Including License Plate Lamp**Component Part Number:** 81580-0C080**Component Name 2:** Lamp Assy, Rear, LH**Component Description:** Backup Lamp Assembly Including License Plate Lamp**Component Part Number:** 81590-0C070

Chronology

Please see the attached Part 573 Defect Information Report for the full chronology.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type:**Consumer Advisories:** ☐ Do Not Drive ☐ Park Outside**Description of remedy program:**

All known owners of the subject vehicles will be notified to return their vehicles to a Toyota dealer. The dealers will replace both reverse lamp assemblies with improved ones, free of charge. Additionally, the wire harnesses will be repaired for any vehicles identified to have corrosion that has extended into the wire harness connector, free of charge. This repair will also remedy other conditions potentially caused by moisture accumulation in the reverse lamp assemblies. The owner letter will instruct vehicle owners who have paid to have this condition remedied prior to this campaign to seek reimbursement pursuant to Toyota's General Reimbursement Plan.

How remedy component differs from recalled component:

Part 573 Safety Recall Report

25V322

Identify how/when recall condition was corrected in production:

Reimbursement Plan

Description of reimbursement program:

Period of reimbursement:

Costs to be reimbursed:

Address for reimbursement claims:

Recall Schedule

Description of recall schedule:

Notifications to owners of the affected vehicles will occur by July 14, 2025. A copy of the draft owner notification will be submitted as soon as it is available. Notifications to distributors/dealers will be sent on May 15, 2025. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date: May 15, 2025 - May 15, 2025

☐ No Dealers

Planned Interim Owner Notification Date:

☐ No Owners

Planned Remedy Owner Notification Date: Jun 30, 2025 - Jul 14, 2025

☐ Phased Recall

Date when VIN will be searchable: