



U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

## Part 573 Safety Recall Report

## 25V322

**Manufacturer Name:** Toyota Motor Engineering & Manufacturing

**Submission Date:** Aug 14, 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

**Product Category:**

**Product Type:**

**Fuel / Propulsion:**

**Production Dates:** May 10, 2021 - Mar 26, 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 Hybrid

**Product Category:**

**Product Type:**

**Fuel / Propulsion:**

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

**Number of potentially involved:**

**Descriptive Information:**

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## 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

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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. For vehicles produced between February 17 to March 2, 2025, the dealers will inspect the vehicle, and if needed, replace the reverse lamp assemblies with improved ones. For all others, 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. The remedy will be provided 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.

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How remedy component differs from recalled component:

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:**