



U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

## Part 573 Safety Recall Report

## 25V668

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

**Submission Date:** Oct 07, 2025

**NHTSA Recall No.:** 25V668

**Manufacturer Recall No.:** 25TB12/25TA12

### Manufacturer Information

### Population

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

**Address:** 6565 Headquarters Drive  
Plano TX, 75024

**Total number of potentially involved:** 54,631

**Estimated percentage with defect:** 100%

### Vehicle Information

**Vehicle 1:** 2025-2025 TOYOTA SIENNA HYBRID

**Product Category:** Light Vehicles

**Product Type:**

**Fuel / Propulsion:**

**Production Dates:** Jan 14, 2025 - Jul 24, 2025

**Number of potentially involved:** 54,631

#### Descriptive Information:

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

(2) This issue only affects the vehicles manufactured with the certain second-row seat rails that were welded by a specific supplier during a certain production period. Other Toyota and Lexus vehicles are not equipped with the certain second-row seat rails that were produced by this supplier during this time period.

100% of the involved vehicles contain certain second-row seat rails that were produced with weld machine settings that could lead to incomplete weld penetration. Whether this can lead to the condition described in Section 5 will depend on the actual crash conditions and the number of seat rails that are affected.

### Defect / Noncompliance Description

#### Description of the defect or noncompliance:

The subject vehicles contain second-row seats that are mounted to seat rails that attach the seats to the vehicle body. These seat rails are assembled with welds in multiple locations. Due to a changed setting of a welding machine during assembly, there is a possibility that certain seat rails contain welds that are not fully penetrated. A weld that is not fully penetrated in the seat rail assembly can lead to a

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loss of structural integrity of the seat system in certain high-speed collisions if that seat is occupied, increasing the risk of injury.

**FMVSS1:**

**FMVSS2:**

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

Due to a changed setting of a welding machine during assembly, there is a possibility that certain seat rails contain welds that are not fully penetrated. A weld that is not fully penetrated in the seat rail assembly can lead to a loss of structural integrity of the seat system in certain high-speed collisions if that seat is occupied, increasing the risk of injury.

**Description of the cause:**

**Identification of any warning that can occur:**

## Component Manufacturer

**Tier of Supplier:**

**Supplier Type:**

**Name:** Toyota Boshoku Kentucky Harrodsburg

**Address:** 1120 Industry Road  
Harrodsburg KY, 40330

**Country:** United States

## Involved Components

**Component Name 1:** Track Assy, RR Seat, Outer RH

**Component Description:** RH Bench Seat Rail (Outer)

**Component Part Number:** 72160-08110

**Component Name 2:** Track Assy, RR Seat, Outer LH

**Component Description:** LH Captain Seat Rail (Outer)

**Component Part Number:** 72170-08110

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**Component Name 3:** Track Assy, RR Seat, Outer RH

**Component Description:** RH Captain Seat Rail (Outer)

**Component Part Number:** 72160-08120

**Component Name 4:** Track Assy, No. 2 Seat, LH

**Component Description:** LH Bench Seat Rail w/ Harness (Inner)

**Component Part Number:** 72190-08240

**Component Name 5:** Track Assy, RR Seat, Outer LH

**Component Description:** LH Bench Seat Rail (Outer)

**Component Part Number:** 72170-08100

## Chronology

### July 2025 – August 2025

During internal testing of prototype seats using production level seat rails, the seat system failed to meet a Toyota internal standard. Toyota inspected the cause of failure during the test and found a weld abnormality in the seat rail. After investigation at the seat rail supplier, it was found that the weld machine setting used during seat rail production for a particular production period could lead to a weld that was not fully penetrated.

After updating the weld machine settings, the supplier and Toyota conducted additional internal tests on seat systems that used production level seats and seat rails produced with weld machine settings that could lead to incomplete weld penetration to understand the impact to structural integrity of the seat system under certain high-speed collision conditions.

### September 2025

Toyota completed testing and confirmed that the seat system could lose structural integrity under certain high-speed collisions if the seat rails were produced with weld machine settings that could lead to incomplete weld penetration. Toyota also conducted additional tests on seat systems that used production level seats and seat rails produced with weld machine settings that could lead to incomplete weld penetration to understand the impact to FMVSS performance. Toyota completed testing and confirmed that the seat system passed the relevant performance requirements of FMVSS Nos. 207 and 210.

### October 1, 2025

Based on the results of the above investigation, Toyota decided to conduct a voluntary safety campaign.

As of October 1, 2025, based on a diligent review of records, Toyota's best engineering judgement is that there are zero (0) Toyota Field Technical Reports and zero (0) Warranty claims that have been

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received from U.S. sources that relate or may relate to this condition in the involved vehicles, and which were considered in the decision to submit this report.

**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 all involved vehicles, the dealer will replace the second-row seat rails with rails that have the proper welding, at no cost.

**How remedy component differs from recalled component:**

**Identify how/when recall condition was corrected in production:**

## Reimbursement Plan

**Description of reimbursement program:**

As the owner notification letters will be mailed out well within the active period of the Toyota New Vehicle Limited Warranty ("Warranty"), all involved vehicle owners for this recall would have been provided a repair at no cost under the warranty.

**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 December 6, 2025. A copy of the draft

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owner notification will be submitted as soon as it is available. Notifications to distributors/dealers will be sent on October 7, 2025. Copies of dealer communications will be submitted as they are issued.

**Planned Dealer Notification Date:** Oct 07, 2025 - Oct 07, 2025

☐ No Dealers

**Planned Interim Owner Notification Date:** Nov 21, 2025 - Dec 06, 2025

☐ No Owners

**Planned Remedy Owner Notification Date:**

☐ Phased Recall

**Date when VIN will be searchable:**