



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V657

Manufacturer Name: Toyota Motor Engineering & Manufacturing

Submission Date: Oct 01, 2025

NHTSA Recall No.: 25V657

Manufacturer Recall No.: 25TB10 / 25TA10

Manufacturer Information

Population

Manufacturer Name: Toyota Motor Engineering & Manufacturing

Address: 6565 Headquarters Drive
Plano TX, 75024

Total number of potentially involved: 393,838

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2022-2025 TOYOTA TUNDRA HYBRID

Product Category: Light Vehicles

Product Type:

Fuel / Propulsion:

Production Dates: Mar 15, 2022 - Jul 25, 2025

Number of potentially involved: 105,005

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. Other Toyota and Lexus vehicles are equipped with a different multimedia display or with different software and are not affected by this issue. 100% of the involved vehicles contain a multimedia display with the software programming described in Section 5 below. Whether the issue, in each case, will cause the multimedia display to display a half green, full green, or full black screen during a backing event depends on the conditions as described.

Vehicle 2: 2023-2025 TOYOTA SEQUOIA HYBRID

Product Category: Light Vehicles

Product Type:

Fuel / Propulsion:

Production Dates: Aug 31, 2022 - Jul 29, 2025

Number of potentially involved: 67,978

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. Other Toyota and Lexus vehicles are equipped with a different multimedia display or with different software and are not affected by this issue. 100% of the involved vehicles contain a multimedia display with the software programming described in Section 5 below. Whether the

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issue, in each case, will cause the multimedia display to display a half green, full green, or full black screen during a backing event depends on the conditions as described.

Vehicle 3: 2022-2025 TOYOTA TUNDRA

Product Category: Light Vehicles

Product Type:

Fuel / Propulsion:

Production Dates: Nov 02, 2021 - Jul 21, 2025

Number of potentially involved: 220,855

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. Other Toyota and Lexus vehicles are equipped with a different multimedia display or with different software and are not affected by this issue. 100% of the involved vehicles contain a multimedia display with the software programming described in Section 5 below. Whether the issue, in each case, will cause the multimedia display to display a half green, full green, or full black screen during a backing event depends on the conditions as described.

Defect / Noncompliance Description

Description of the defect or noncompliance:

The subject vehicles are equipped with a 14-inch multimedia display that presents the rearview image using four lanes of camera serial data synchronized by counters. When the camera view is changed, the synchronization signal will pause, and an unexpected noise on the signal may cause the counters to advance independently. If the lane counters advance independently, counter deviation will occur, and camera lane data may become unsynchronized. If this occurs, the display may show a half-green, full-green, or black screen instead of the rearview image during a backing event. In this condition, the vehicles do not comply with FMVSS No. 111, paragraph S6.2.1, increasing the risk of a crash with a person during a backing event.

FMVSS1: 111 - Rear visibility

FMVSS2:

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

If the lane counters advance independently, counter deviation will occur, and camera lane data may become unsynchronized. If this occurs, the display may show a half-green, full-green, or black screen instead of the rearview image during a backing event. In this condition, the vehicles do not comply with FMVSS No. 111, paragraph S6.2.1, increasing the risk of a crash with a person during a backing event.

Description of the cause:

Identification of any warning that can occur:

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Component Manufacturer

Tier of Supplier: Tier 1**Supplier Type:** OEM**Name:** Panasonic Automotive Systems De Mexico**Address:** Calle Mike Allen 1231
Parque Industrial Reynosa
Reynosa, Tamaulipas Foreign States, 88780**Country:** Mexico

Involved Components

Component Name 1: Receiver Assy, Radio & Navigation**Component Description:** Multimedia Display**Component Part Number:** 86100-0C361**Component Name 2:** Receiver Assy, Radio & Navigation**Component Description:** Multimedia Display**Component Part Number:** 86100-0C380**Component Name 3:** Receiver Assy, Radio & Navigation**Component Description:** Multimedia Display**Component Part Number:** 86100-0C381**Component Name 4:** Receiver Assy, Radio & Navigation**Component Description:** Multimedia Display**Component Part Number:** 86100-0C390**Component Name 5:** Receiver Assy, Radio & Navigation**Component Description:** Multimedia Display**Component Part Number:** 86100-0C360

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Component Name 14: Receiver Assy, Radio & Navigation

Component Description: Multimedia Display

Component Part Number: 86100-0C500

Chronology

After receiving reports beginning in 2022 alleging half-green, full-green, or black screens instead of the rearview image but finding no trouble with parts returned for evaluation, Toyota requested the supplier of the multimedia display to attempt to duplicate the concern. From January through April 2025, the supplier conducted testing and found that the green screen might be caused by deviation in the lane counters used for camera synchronization. The supplier suspected an abnormal signal noise when the signal is paused during a camera view change. The supplier then induced an abnormal noise in the signal and confirmed a lane counter could advance independently if the abnormal noise was present during the signal pause that occurs when camera view is changed.

From May through September 2025, to confirm the estimated cause, the supplier performed vehicle and bench cycle testing using the original software and a new version designed to prevent the signal pause. There were multiple occurrences of the condition on the original software but no occurrences using the modified software.

Based on this information, on September 25, 2025, Toyota determined that the vehicles identified in Section 3 above contain multimedia display software that may allow the four lanes of camera serial data to become unsynchronized by an abnormal noise during a camera view change, and that this could occur prior to first sale. If this occurs, the rearview image may show a half-green, full-green, or black screen to the driver during a backing event and the vehicle would not meet the requirements of FMVSS No. 111, paragraph S6.2.1.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Software

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 update the multimedia display software, free of charge. In addition to remedying the noncompliance that is the subject of this filing, the remedy software will also contain various other improvements. This includes an update addressing a software issue identified by the supplier as having the potential to lead to a small delay in the rearview image being displayed after the vehicle is placed in reverse. Toyota continues to investigate whether this software issue can impact image response time performance in an actual vehicle. The owner letter will instruct vehicle owners who have paid to have

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this condition remedied prior to this campaign to seek reimbursement pursuant to Toyota's General Reimbursement Plan.

How remedy component differs from recalled component:

Identify how/when recall condition was corrected in production:

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule

Description of recall schedule:

Notifications to owners of the affected vehicles will occur by November 30, 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 October 1, 2025. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date: Oct 01, 2025 - Oct 01, 2025

☐ No Dealers

Planned Interim Owner Notification Date:

☐ No Owners

Planned Remedy Owner Notification Date: Nov 16, 2025 - Nov 30, 2025

☐ Phased Recall

Date when VIN will be searchable: