



U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

## Part 573 Safety Recall Report

## 25V577

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

**Submission Date:** Sep 04, 2025

**NHTSA Recall No.:** 25V577

**Manufacturer Recall No.:** See Attached Part573

### Manufacturer Information

### Population

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

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

**Total number of potentially involved:** 94,320

**Estimated percentage with defect:** 100%

### Vehicle Information

**Vehicle 1:** 2023-2025 SUBARU SOLTERRA

**Product Category:** Light Vehicles

**Product Type:**

**Fuel / Propulsion:**

**Production Dates:** Mar 29, 2022 - Jun 03, 2025

**Number of potentially involved:** 32,320

#### 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 vehicles equipped with an HVAC control ECU containing the specific software from the specific supplier. Other Toyota or Lexus vehicles sold in the U.S. are equipped with an HVAC control ECU with different software.

100% of the involved vehicles contain an HVAC control ECU with the programming described in this report. Whether the issue, in each case, will lead to reduced visibility depends on the certain conditions described in Section 5.

**Vehicle 2:** 2023-2025 LEXUS RZ

**Product Category:** Light Vehicles

**Product Type:**

**Fuel / Propulsion:**

**Production Dates:** Jan 23, 2023 - Jun 12, 2025

**Number of potentially involved:** 20,501

#### Descriptive Information:

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100% of the involved vehicles contain an HVAC control ECU with the programming described in this report. Whether the issue, in each case, will lead to reduced visibility depends on the certain conditions described in Section 5.

**Vehicle 3:** 2023-2025 TOYOTA BZ4X

**Product Category:** Light Vehicles

**Product Type:**

**Fuel / Propulsion:**

**Production Dates:** Mar 30, 2022 - Jun 12, 2025

**Number of potentially involved:** 41,499

## 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 vehicles equipped with an HVAC control ECU containing the specific software from the specific supplier. Other Toyota or Lexus vehicles sold in the U.S. are equipped with an HVAC control ECU with different software.

100% of the involved vehicles contain an HVAC control ECU with the programming described in this report. Whether the issue, in each case, will lead to reduced visibility depends on the certain conditions described in Section 5.

## Defect / Noncompliance Description

### Description of the defect or noncompliance:

The subject vehicles are equipped with Heating, Ventilation, and Air Conditioning (HVAC) systems that, among other things, control the windshield defroster function. Due to the programming of the HVAC control ECU software, under certain conditions, such as a specific failure mode of the electrical compressor, the HVAC system will enter a failsafe mode that suspends the heater operation of the system and affects defroster function. In some cases, when the vehicle is operated in certain low temperatures, the defrosting performance reduces and may not remove frost, ice, and/or fog from the windshield glass. This can reduce driver visibility and increase the risk of a crash in certain driving conditions.

**FMVSS1:**

**FMVSS2:**

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

In some cases, when the vehicle is operated in certain low temperatures, the defrosting performance

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reduces and may not remove frost, ice, and/or fog from the windshield glass. This can reduce driver visibility and increase the risk of a crash in certain driving conditions.

**Description of the cause:**

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

## Component Manufacturer

**Tier of Supplier:** Tier 1

**Supplier Type:** OEM

**Name:** DENSO CORPORATION

**Address:** 1-1, Showa-cho  
Kariya-city, Aichi-pref. Foreign States

**Country:** Japan

## Involved Components

**Component Name 1:** Amplifier Assy, Air Conditioner

**Component Description:** HVAC Control ECU

**Component Part Number:** 886H0-46040

**Component Name 2:** Amplifier Assy, Air Conditioner

**Component Description:** HVAC Control ECU

**Component Part Number:** 886H0-46070

**Component Name 3:** Amplifier Assy, Air Conditioner

**Component Description:** HVAC Control ECU

**Component Part Number:** 886H0-46080

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**25V577****Component Name 4:** Amplifier Assy, Air Conditioner**Component Description:** HVAC Control ECU**Component Part Number:** 8865042A00**Component Name 5:** Amplifier Assy, Air Conditioner**Component Description:** HVAC Control ECU**Component Part Number:** 8865042C00**Component Name 6:** Amplifier Assy, Air Conditioner**Component Description:** HVAC Control ECU**Component Part Number:** 88650-42A00**Component Name 7:** Amplifier Assy, Air Conditioner**Component Description:** HVAC Control ECU**Component Part Number:** 88650-42A01**Component Name 8:** Amplifier Assy, Air Conditioner**Component Description:** HVAC Control ECU**Component Part Number:** 88650-42B40**Component Name 9:** Amplifier Assy, Air Conditioner**Component Description:** HVAC Control ECU**Component Part Number:** 88650-42C00**Component Name 10:** Amplifier Assy, Air Conditioner**Component Description:** HVAC Control ECU**Component Part Number:** 886H0-46010**Component Name 11:** Amplifier Assy, Air Conditioner**Component Description:** HVAC Control ECU**Component Part Number:** 886H0-46011

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**25V577****Component Name 12:** Amplifier Assy, Air Conditioner**Component Description:** HVAC Control ECU**Component Part Number:** 886H0-46020**Component Name 13:** Amplifier Assy, Air Conditioner**Component Description:** HVAC Control ECU**Component Part Number:** 886H0-46021**Component Name 14:** Amplifier Assy, Air Conditioner**Component Description:** HVAC Control ECU**Component Part Number:** 886H0-46030

## Chronology

Please see the attached Part 573 Defect Information Report.

**Related NHTSA Recall Number:**

## Description of Remedy

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

All known Toyota and Lexus owners of the subject vehicles will be notified to return their vehicles to a Toyota or Lexus dealer. To address the safety defect, for all involved vehicles, dealers will update the HVAC control ECU software, free of charge.

Subaru retailers will update the HVAC control ECU software at no cost to the customer.

For customer satisfaction, dealers will inspect and, if necessary, replace the electrical compressor, free of charge.

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

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Identify how/when recall condition was corrected in production:

## Reimbursement Plan

**Description of reimbursement program:**

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.

Subaru will provide reimbursement to owners for repairs according to the general plan submitted in May 2024.

**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 November 3, 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 September 4, 2025. Copies of dealer communications will be submitted as they are issued.

**Planned Dealer Notification Date:** Sep 04, 2025 - Sep 04, 2025

☐ No Dealers

**Planned Interim Owner Notification Date:**

☐ No Owners

**Planned Remedy Owner Notification Date:** Oct 20, 2025 - Nov 03, 2025

☐ Phased Recall

**Date when VIN will be searchable:**