

# Part 573 Safety Recall Report

## 25V-040

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

**Submission Date :** JAN 29, 2025

**NHTSA Recall No. :** 25V-040

**Manufacturer Recall No. :** See attached report



### Manufacturer Information :

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

**Address :** 6565 Headquarters Drive

Plano TX 75024

**Company phone :** 1-800-331-4331

### Population :

**Number of potentially involved :** 1,716

**Estimated percentage with defect :** 56 %

### Vehicle Information :

**Vehicle 1 :** 2023-2023 Toyota Corolla

**Vehicle Type :**

**Body Style :**

**Power Train :** NR

**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 involves the subject vehicles which were assembled with spiral cable assemblies that include a Flexible Flat Cable (FFC) that may not have been welded sufficiently due to a specific production issue and which now require inspection after having been potentially incorrectly inspected in connection with recall 23V-480. Other Toyota and Lexus vehicles are not equipped with the spiral cable assemblies that include the affected FFC produced at a specific supplier during a specific production period, or had the recall remedy correctly completed. 56 % of the involved vehicles are estimated to contain the part that could be affected by the condition described in Section 5 below. Whether the issue, in each case, will cause the FFC to separate on the driver's airbag module circuits rather than other circuits cannot be determined.

**Production Dates :** FEB 22, 2023 - JUL 12, 2023

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

Vehicle 2 : 2023-2023 Toyota Corolla Cross

Vehicle Type :

Body Style :

Power Train : NR

**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 involves the subject vehicles which were assembled with spiral cable assemblies that include a Flexible Flat Cable (FFC) that may not have been welded sufficiently due to a specific production issue and which now require inspection after having been potentially incorrectly inspected in connection with recall 23V-480. Other Toyota and Lexus vehicles are not equipped with the spiral cable assemblies that include the affected FFC produced at a specific supplier during a specific production period, or had the recall remedy correctly completed. 56 % of the involved vehicles are estimated to contain the part that could be affected by the condition described in Section 5 below. Whether the issue, in each case, will cause the FFC to separate on the driver's airbag module circuits rather than other circuits cannot be determined.

**Production Dates :** FEB 23, 2023 - JUN 13, 2023

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

Vehicle 3 : 2023-2023 Toyota Corolla Cross Hybrid

Vehicle Type :

Body Style :

Power Train : NR

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**Production Dates :** MAY 31, 2023 - JUN 15, 2023

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

Vehicle 4 : 2023-2023 Toyota Highlander

Vehicle Type :

Body Style :

Power Train : NR

**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 involves the subject vehicles which were assembled with spiral cable assemblies that include a Flexible Flat Cable (FFC) that may not have been welded sufficiently due to a specific production issue and which now require inspection after having been potentially incorrectly inspected in connection with recall 23V-480. Other Toyota and Lexus vehicles are not equipped with the spiral cable assemblies that include the affected FFC produced at a specific supplier during a specific production period, or had the recall remedy correctly completed. 56 % of the involved vehicles are estimated to contain the part that could be affected by the condition described in Section 5 below. Whether the issue, in each case, will cause the FFC to separate on the driver's airbag module circuits rather than other circuits cannot be determined.

**Production Dates :** MAR 14, 2023 - MAY 18, 2023

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

Vehicle 5 : 2023-2023 Toyota Highlander Hybrid

Vehicle Type :

Body Style :

Power Train : NR

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**Production Dates :** MAR 13, 2023 - MAY 11, 2023

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

Vehicle 6 : 2023-2023 Toyota Tacoma

Vehicle Type :

Body Style :

Power Train : NR

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**Production Dates :** MAR 24, 2023 - JUL 10, 2023

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

Vehicle 7 : 2023-2023 Lexus RX350

Vehicle Type :

Body Style :

Power Train : NR

**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 involves the subject vehicles which were assembled with spiral cable assemblies that include a Flexible Flat Cable (FFC) that may not have been welded sufficiently due to a specific production issue and which now require inspection after having been potentially incorrectly inspected in connection with recall 23V-480. Other Toyota and Lexus vehicles are not equipped with the spiral cable assemblies that include the affected FFC produced at a specific supplier during a specific production period, or had the recall remedy correctly completed. 56 % of the involved vehicles are estimated to contain the part that could be affected by the condition described in Section 5 below. Whether the issue, in each case, will cause the FFC to separate on the driver's airbag module circuits rather than other circuits cannot be determined.

**Production Dates :** MAR 01, 2023 - MAY 19, 2023

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

Vehicle 8 : 2023-2024 Lexus NX250

Vehicle Type :

Body Style :

Power Train : NR

**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 involves the subject vehicles which were assembled with spiral cable assemblies that include a Flexible Flat Cable (FFC) that may not have been welded sufficiently due to a specific production issue and which now require inspection after having been potentially incorrectly inspected in connection with recall 23V-480. Other Toyota and Lexus vehicles are not equipped with the spiral cable assemblies that include the affected FFC produced at a specific supplier during a specific production period, or had the recall remedy correctly completed. 56 % of the involved vehicles are estimated to contain the part that could be affected by the condition described in Section 5 below. Whether the issue, in each case, will cause the FFC to separate on the driver's airbag module circuits rather than other circuits cannot be determined.

**Production Dates :** FEB 22, 2023 - MAY 15, 2023

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

Vehicle 9 : 2023-2024 Lexus NX350

Vehicle Type :

Body Style :

Power Train : NR

**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 involves the subject vehicles which were assembled with spiral cable assemblies that include a Flexible Flat Cable (FFC) that may not have been welded sufficiently due to a specific production issue and which now require inspection after having been potentially incorrectly inspected in connection with recall 23V-480. Other Toyota and Lexus vehicles are not equipped with the spiral cable assemblies that include the affected FFC produced at a specific supplier during a specific production period, or had the recall remedy correctly completed. 56 % of the involved vehicles are estimated to contain the part that could be affected by the condition described in Section 5 below. Whether the issue, in each case, will cause the FFC to separate on the driver's airbag module circuits rather than other circuits cannot be determined.

**Production Dates :** FEB 27, 2023 - MAY 18, 2023

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

## Description of Noncompliance :

Description of the Noncompliance : This relates to the Noncompliance Information Report (23V-480) filed on July 12, 2023, which described the noncompliance as follows: "The steering column assembly in the subject vehicles contains electrical connections to the driver's airbag module housed in a spiral cable assembly, which includes a Flexible Flat Cable (FFC). Due to an insufficient weld condition of the FFC to the spiral cable's bus bar, there is a possibility that the FFC can separate, resulting in one or more open circuits connected through the FFC. This separation could occur on the circuit that provides connectivity to the driver's airbag module. If connectivity is lost, the SRS warning light will illuminate and the driver's airbag could become deactivated, causing it to not deploy in the event of a crash of the type that would cause deployment. As a result, the vehicles may not comply with some requirements of FMVSS No. 208 where driver's airbag deployment is needed. This could result in an increased risk of injury to the driver in a crash."

FMVSS 1 : 208 - Occupant crash protection

FMVSS 2 : NR

Description of the Safety Risk : As a result, the vehicles may not comply with some requirements of FMVSS No. 208 where driver's airbag deployment is needed. This could result in an increased risk of injury to the driver in a crash."

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

## Involved Components :

Component Name 1 : Cable Sub-Assy, Spiral

Component Description : Spiral Cable Assembly

Component Part Number : 84306-0A010

Component Name 2 : Cable Sub-Assy, Spiral

Component Description : Spiral Cable Assembly

Component Part Number : 84306-0E180

Component Name 3 : Cable Sub-Assy, Spiral

Component Description : Spiral Cable Assembly

Component Part Number : 84306-0E090

Component Name 4 : Cable Sub-Assy, Spiral

Component Description : Spiral Cable Assembly

Component Part Number : 84306-F6020

## Supplier Identification :

### Component Manufacturer

Name : American Furukawa, Inc.

Address : 47677 Galleon Dr.  
Plymouth Michigan 48170

Country : United States

## Chronology :

In mid-November 2024 an inquiry was received from the Recall Management Division about an inspection process used in Recall 23V-480. Prior to November 22, 2023, when a bar code scanning process was implemented, a manual process was used to enter a code into a system that would identify whether the spiral cable in a vehicle required replacement in the recall. A review of the manual process used from the launch of the campaign remedy to the implementation of the bar code scanning process was conducted. It was discovered that some manual entries mis-applied similar alpha and numeric characters in the code (for example "0" instead of "O"), resulting in a failure to replace a spiral cable that should have been replaced in the recall campaign. In other instances, inspection information provided by dealers that was the basis for excluding vehicles from the remedy was reviewed but could not be confirmed. On January 23, Toyota determined that the vehicles identified in Section 3 above may contain spiral cables that may cause the vehicles to not meet certain requirements of FMVSS No. 208 where driver's airbag deployment is needed.

## Description of Remedy :

Description of Remedy Program : All known owners of the involved vehicles will be notified to return their vehicles to a Toyota or Lexus dealer. For all involved vehicles, dealers will inspect the Spiral Cable Assembly serial number and replace the Spiral Cable Assembly, if necessary, at no cost to owners. 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 or Lexus's General Reimbursement Plan.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

## Recall Schedule :

Description of Recall Schedule : Notifications to owners of the affected vehicles will occur by March 30, 2025. A copy of the draft owner notification letter(s) will be submitted as soon as available. Notifications to distributors/dealers will be sent by January 29, 2025. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : JAN 29, 2025 - JAN 29, 2025

Planned Owner Notification Date : MAR 16, 2025 - MAR 30, 2025

\* NR - Not Reported