

# Part 573 Safety Recall Report

# 23V-865

**Manufacturer Name :** Toyota Motor Engineering & Manufacturing**Submission Date :** JUN 25, 2024**NHTSA Recall No. :** 23V-865**Manufacturer Recall No. :** See attached report**Manufacturer Information :****Population :**

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

**Number of potentially involved :** 999,901

**Address :** 6565 Headquarters Drive

**Estimated percentage with defect :** 1 %

Plano TX 75024

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

**Vehicle Information :**

**Vehicle 1 :** 2020-2021 Toyota Avalon

**Vehicle Type :**

**Body Style :**

**Power Train :** NR

**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 issue only affects the vehicles equipped with a front passenger seat that contains Occupant Classification System (OCS) sensors which may have been manufactured in a specific period at a certain supplier described in this report. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with those OCS sensors. Based on the supplier investigation of its manufacturing process, it is estimated that approximately 0.2% of the affected parts could have been manufactured with a cracked capacitor as described in Section 5 below. 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 "0.2%".

**Production Dates :** JUL 02, 2020 - APR 20, 2021

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

Vehicle 2 : 2020-2021 Toyota Avalon Hybrid

Vehicle Type :

Body Style :

Power Train : NR

**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 issue only affects the vehicles equipped with a front passenger seat that contains Occupant Classification System (OCS) sensors which may have been manufactured in a specific period at a certain supplier described in this report. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with those OCS sensors. Based on the supplier investigation of its manufacturing process, it is estimated that approximately 0.2% of the affected parts could have been manufactured with a cracked capacitor as described in Section 5 below. 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 "0.2%".

Production Dates : JUL 06, 2020 - MAY 07, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2020-2022 Toyota Camry

Vehicle Type :

Body Style :

Power Train : NR

**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 issue only affects the vehicles equipped with a front passenger seat that contains Occupant Classification System (OCS) sensors which may have been manufactured in a specific period at a certain supplier described in this report. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with those OCS sensors. Based on the supplier investigation of its manufacturing process, it is estimated that approximately 0.2% of the affected parts could have been manufactured with a cracked capacitor as described in Section 5 below. 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 "0.2%".

Production Dates : JUL 01, 2020 - NOV 09, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2020-2022 Toyota Camry Hybrid

Vehicle Type :

Body Style :

Power Train : NR

**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 issue only affects the vehicles equipped with a front passenger seat that contains Occupant Classification System (OCS) sensors which may have been manufactured in a specific period at a certain supplier described in this report. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with those OCS sensors. Based on the supplier investigation of its manufacturing process, it is estimated that approximately 0.2% of the affected parts could have been manufactured with a cracked capacitor as described in Section 5 below. 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 "0.2%".

**Production Dates :** JUL 06, 2020 - SEP 21, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2020-2021 Toyota Corolla

Vehicle Type :

Body Style :

Power Train : NR

**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 issue only affects the vehicles equipped with a front passenger seat that contains Occupant Classification System (OCS) sensors which may have been manufactured in a specific period at a certain supplier described in this report. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with those OCS sensors. Based on the supplier investigation of its manufacturing process, it is estimated that approximately 0.2% of the affected parts could have been manufactured with a cracked capacitor as described in Section 5 below. 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 "0.2%".

**Production Dates :** MAY 29, 2020 - MAR 03, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 6 : 2020-2021 Toyota Highlander

Vehicle Type :

Body Style :

Power Train : NR

**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 issue only affects the vehicles equipped with a front passenger seat that contains Occupant Classification System (OCS) sensors which may have been manufactured in a specific period at a certain supplier described in this report. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with those OCS sensors. Based on the supplier investigation of its manufacturing process, it is estimated that approximately 0.2% of the affected parts could have been manufactured with a cracked capacitor as described in Section 5 below. 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 "0.2%".

**Production Dates :** MAY 20, 2020 - SEP 30, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 7 : 2020-2021 Toyota Highlander Hybrid

Vehicle Type :

Body Style :

Power Train : NR

**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 issue only affects the vehicles equipped with a front passenger seat that contains Occupant Classification System (OCS) sensors which may have been manufactured in a specific period at a certain supplier described in this report. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with those OCS sensors. Based on the supplier investigation of its manufacturing process, it is estimated that approximately 0.2% of the affected parts could have been manufactured with a cracked capacitor as described in Section 5 below. 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 "0.2%".

**Production Dates :** JUN 04, 2020 - SEP 29, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 8 : 2020-2021 Toyota RAV4

Vehicle Type :

Body Style :

Power Train : NR

**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 issue only affects the vehicles equipped with a front passenger seat that contains Occupant Classification System (OCS) sensors which may have been manufactured in a specific period at a certain supplier described in this report. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with those OCS sensors. Based on the supplier investigation of its manufacturing process, it is estimated that approximately 0.2% of the affected parts could have been manufactured with a cracked capacitor as described in Section 5 below. 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 "0.2%".

**Production Dates :** JUN 08, 2020 - MAY 25, 2021

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

Vehicle 9 : 2020-2021 Toyota RAV4 Hybrid

Vehicle Type :

Body Style :

Power Train : NR

**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 issue only affects the vehicles equipped with a front passenger seat that contains Occupant Classification System (OCS) sensors which may have been manufactured in a specific period at a certain supplier described in this report. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with those OCS sensors. Based on the supplier investigation of its manufacturing process, it is estimated that approximately 0.2% of the affected parts could have been manufactured with a cracked capacitor as described in Section 5 below. 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 "0.2%".

**Production Dates :** JUN 08, 2020 - NOV 12, 2021

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

Vehicle 10 : 2021-2021 Toyota Sienna Hybrid

Vehicle Type :

Body Style :

Power Train : NR

**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 issue only affects the vehicles equipped with a front passenger seat that contains Occupant Classification System (OCS) sensors which may have been manufactured in a specific period at a certain supplier described in this report. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with those OCS sensors. Based on the supplier investigation of its manufacturing process, it is estimated that approximately 0.2% of the affected parts could have been manufactured with a cracked capacitor as described in Section 5 below. 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 "0.2%".

**Production Dates :** OCT 13, 2020 - MAR 30, 2021

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

Vehicle 11 : 2021-2021 Lexus ES250

Vehicle Type :

Body Style :

Power Train : NR

**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 issue only affects the vehicles equipped with a front passenger seat that contains Occupant Classification System (OCS) sensors which may have been manufactured in a specific period at a certain supplier described in this report. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with those OCS sensors. Based on the supplier investigation of its manufacturing process, it is estimated that approximately 0.2% of the affected parts could have been manufactured with a cracked capacitor as described in Section 5 below. 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 "0.2%".

**Production Dates :** AUG 05, 2020 - APR 16, 2021

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

Vehicle 12 : 2020-2021 Lexus ES350

Vehicle Type :

Body Style :

Power Train : NR

**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 issue only affects the vehicles equipped with a front passenger seat that contains Occupant Classification System (OCS) sensors which may have been manufactured in a specific period at a certain supplier described in this report. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with those OCS sensors. Based on the supplier investigation of its manufacturing process, it is estimated that approximately 0.2% of the affected parts could have been manufactured with a cracked capacitor as described in Section 5 below. 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 "0.2%".

**Production Dates :** JUL 02, 2020 - APR 16, 2021

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

Vehicle 13 : 2020-2022 Lexus ES300H

Vehicle Type :

Body Style :

Power Train : NR

**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 issue only affects the vehicles equipped with a front passenger seat that contains Occupant Classification System (OCS) sensors which may have been manufactured in a specific period at a certain supplier described in this report. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with those OCS sensors. Based on the supplier investigation of its manufacturing process, it is estimated that approximately 0.2% of the affected parts could have been manufactured with a cracked capacitor as described in Section 5 below. 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 "0.2%".

**Production Dates :** JUL 06, 2020 - SEP 21, 2021

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

Vehicle 14 : 2020-2021 Lexus RX350

Vehicle Type :

Body Style :

Power Train : NR

**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 issue only affects the vehicles equipped with a front passenger seat that contains Occupant Classification System (OCS) sensors which may have been manufactured in a specific period at a certain supplier described in this report. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with those OCS sensors. Based on the supplier investigation of its manufacturing process, it is estimated that approximately 0.2% of the affected parts could have been manufactured with a cracked capacitor as described in Section 5 below. 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 "0.2%".

**Production Dates :** JUN 12, 2020 - MAR 05, 2021

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

Vehicle 15 : 2020-2021 Lexus RX450H

Vehicle Type :

Body Style :

Power Train : NR

**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 issue only affects the vehicles equipped with a front passenger seat that contains Occupant Classification System (OCS) sensors which may have been manufactured in a specific period at a certain supplier described in this report. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with those OCS sensors. Based on the supplier investigation of its manufacturing process, it is estimated that approximately 0.2% of the affected parts could have been manufactured with a cracked capacitor as described in Section 5 below. 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 "0.2%".

**Production Dates :** JUN 15, 2020 - MAR 04, 2021

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential



## Description of Defect :

Description of the Defect : The subject vehicles are equipped with a front passenger seat that contains Occupant Classification System (OCS) sensors which provide input to the Supplemental Restraint System (SRS) to determine the deployment strategy of the front passenger airbag, depending on the occupant load. There is a possibility that, during the production process in a specific period at a certain supplier, the OCS sensor Printed Circuit Board (PCB) became deformed, causing a crack to form in a capacitor, which can allow moisture to enter the capacitor over time and result in a short circuit. If this occurs, the SRS warning lamp will illuminate, the "Passenger Airbag OFF" lamp will illuminate, Multi-Information Display (MID) message will display, and the front passenger airbag may not deploy in certain crashes as designed, increasing the risk of injury to an occupant in the seat.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the short circuit occurs, the SRS warning lamp will illuminate, the "Passenger Airbag OFF" lamp will illuminate, Multi-Information Display (MID) message will display, and the front passenger airbag may not deploy in certain crashes as designed, increasing the risk of injury to an occupant in the seat.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

## Involved Components :

Component Name 1 : SENSOR SUB-ASSY, WEIGHT DETECTOR, FR IN

Component Description : OCS Sensor

Component Part Number : 89105-0E040

Component Name 2 : SENSOR SUB-ASSY, WEIGHT DETECTOR, RR IN

Component Description : OCS Sensor

Component Part Number : 89107-0E040

## Supplier Identification :

**Component Manufacturer**

Name : Aisin Electronics Illinois, LLC  
Address : 11200 Redco Drive  
Marion Illinois 62959  
Country : United States

**Chronology :**

See attached Part 573 Report

**Description of Remedy :**

Description of Remedy Program : All known owners of the subject vehicles will be notified by first class mail to return their vehicles to Toyota and Lexus dealers. The dealers will inspect the OCS sensors and, if necessary, replace them with an improved one at no cost. 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.

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 February 18, 2024. A copy of the draft owner notification will be submitted as soon as it is available. Notifications to distributors / dealers will be sent on December 20, 2023. Copies of dealer communications will be submitted as they are issued. Mailing of remedy letters to owners is planning to begin in October 2024, as remedy parts become available.

Planned Dealer Notification Date : DEC 20, 2023 - DEC 20, 2023

Planned Owner Notification Date : FEB 04, 2024 - FEB 18, 2024

\* NR - Not Reported