

Part 573 Safety Recall Report

24V-227

Manufacturer Name : Subaru of America, Inc.

Submission Date : MAY 20, 2024

NHTSA Recall No. : 24V-227

Manufacturer Recall No. : WRA-24



Manufacturer Information :

Manufacturer Name : Subaru of America, Inc.

Address : One Subaru Drive

Camden NJ 08103

Company phone : 844-373-6614

Population :

Number of potentially involved : 118,723

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2020-2022 Subaru Outback

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : -Description of the issue: The affected vehicles may be equipped with defective Occupant Detection System (ODS) sensors on the front passenger seat.

-The basis for how the recall population was determined: Vehicles potentially equipped with the ODS sensors were identified using vehicle production records.

-How the recalled products differ from products that were not included in the recall: Vehicles not included in this recall are equipped with ODS sensors assembled using a PCB that is not affected under this recall.

The recall population includes certain 2020-2022 model year Outback vehicles. The number of potentially affected Outback vehicles is 103,114.

Production Dates : JUN 16, 2020 - JUL 13, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2020-2022 Subaru Legacy

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : -Description of the issue: The affected vehicles may be equipped with defective Occupant Detection System (ODS) sensors on the front passenger seat.

-The basis for how the recall population was determined: Vehicles potentially equipped with the ODS sensors were identified using vehicle production records.

-How the recalled products differ from products that were not included in the recall: Vehicles not included in this recall are equipped with ODS sensors assembled using a PCB that is not affected under this recall.

The recall population includes certain 2020-2022 model year Legacy vehicles. The number of potentially affected Legacy vehicles is 15,609.

Production Dates : JUN 16, 2020 -JUL 12, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : There is a possibility that, during the production process in a specific period at a certain supplier, the ODS 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.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the short circuit occurs, the SRS airbag system warning lamp will illuminate, front passenger's frontal airbag OFF indicator will illuminate 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 : A combination of alternate component sub-supplier used during short term natural disaster recovery and supplier processing could result in capacitor cracking.

Identification of Any Warning that can Occur : The SRS airbag system warning lamp will illuminate and front passenger's frontal airbag OFF indicator will illuminate.

Involved Components :

Component Name 1 : SENSOR ASSY RH

Component Description : Occupant Detection System Sensor Assembly

Component Part Number : 98323AN00A

Component Name 2 : SENSOR ASSY LH

Component Description : Occupant Detection System Sensor Assembly

Component Part Number : 98323AN01A

Supplier Identification :

Component Manufacturer

Name : Aisin Electronics Illinois, LLC

Address : 11200 Redco Drive

Marion Illinois 62959

Country : United States

Chronology :

January 2021 – February 2024 - Subaru received 23 technical reports related to this condition. Subaru opened a returned part investigation with the supplier.

February 15, 2024 – The supplier submitted equipment recall 24E-016 to NHTSA.

Mid-February to Mid-March, 2024 – Based on new information provided by the supplier, Subaru began its review process to evaluate the safety impact specific to Subaru vehicles and determine the potentially affected vehicle population.

March 15, 2024 – Subaru decided to conduct a voluntary safety recall campaign.

Subaru is aware of 253 warranty claims related to this issue. Subaru is not aware of any injuries resulting from this condition.

Description of Remedy :

Description of Remedy Program : For all potentially affected vehicles, Subaru dealers will replace all (four) of the ODS sensors on the front passenger seat with new ones.

Subaru will provide reimbursement to owners for repairs according to the general plan submitted in May 2022.

How Remedy Component Differs from Recalled Component : The replacement ODS sensor was assembled with a PCB manufactured by the original sub-supplier.

Identify How/When Recall Condition was Corrected in Production : On November 14, 2020, production of the PCB reverted to the original supplier.

Recall Schedule :

Description of Recall Schedule : Dealer notification is expected to occur March 27, 2024

Owner notification will occur within 60 days. Remedy parts will not be available, so an interim owner notification letter will be mailed to customers. Once sufficient remedy parts are available, a final owner notification letter will be mailed to customers.

Planned Dealer Notification Date : MAR 27, 2024 - MAR 27, 2024

Planned Owner Notification Date : JUN 15, 2025 - JUN 15, 2025

* NR - Not Reported