

Part 573 Safety Recall Report

23V-392

Manufacturer Name : Subaru of America, Inc.

Submission Date : JUN 01, 2023

NHTSA Recall No. : 23V-392

Manufacturer Recall No. : WRJ-23



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 : 5

Estimated percentage with defect : 23 %

Vehicle Information :

Vehicle 1 : 2023-2023 Subaru Ascent

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : -Description of the issue: The affected vehicles may be equipped with a left or right front lower control arm with an insufficiently tightened ball joint castle nut.

-The basis for how the recall population was determined: Potentially affected vehicles were identified by tracing the affected lower control arm LOT number to the corresponding vehicle production records.

-How the recalled products differ from products that were not included in the recall: Vehicles not included in the recall are equipped with front lower control arm assemblies that are outside of the affected LOT numbers.

The recall population includes certain 2023 model year Ascent vehicles. The number of potentially affected Ascent vehicles is 5.

Production Dates : MAR 31, 2023 - APR 03, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The affected vehicles may be equipped with a left or right front lower control arm with an insufficiently tightened ball joint castle nut. Over time, the rotational movement of a loose castle nut could result in the sheering of the retention pin. Without a functional retention pin, the castle nut could eventually fall off completely, allowing the ball joint to separate from the lower control arm.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the ball joint separates from the lower control arm while driving the vehicle may experience a loss of control, increasing the risk of a crash.

Description of the Cause : The castle nut was not sufficiently tight when the retention pin was installed during assembly.

Identification of Any Warning that can Occur : The driver may notice abnormal noise and/or vibration from the front suspension.

Involved Components :

Component Name 1 : FRONT LOWER ARM ASSEMBLY LH

Component Description : Left Front Lower Control Arm

Component Part Number : 20202FL01A

Component Name 2 : FRONT LOWER ARM ASSEMBLY RH

Component Description : Right Front Lower Control Arm

Component Part Number : 20202FL00A

Supplier Identification :

Component Manufacturer

Name : Yorozu Automotive Tennessee

Address : 395 Mountain View Industrial Drive
Morrison Tennessee 37357

Country : United States

Chronology :

April 6, 2023 – Subaru identified a loose castle nut during vehicle assembly and opened an investigation with the supplier of the lower control arm assembly. .

April - May 2023 – As a result of the joint investigation, it was determined that the front lower control arms with certain LOT numbers may have insufficiently tightened castle nuts. Subaru conducted an internal

inspection campaign for all vehicles under its control. However, it was determined that 5 affected vehicles had been shipped to Subaru dealers.

May 25, 2023 – Out of an abundance of caution, Subaru decided to conduct a safety recall. Subaru is not aware of any field reports or warranty claims.

Subaru is not aware of any crashes or injuries related to this condition.

Description of Remedy :

Description of Remedy Program : Subaru dealers will inspect the 5 affected vehicles and , if the castle nut is determined to be loose, replace the lower control arm assembly at no cost to the customer.

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

How Remedy Component Differs from Recalled Component : Remedy components have properly tightened castle nuts.

Identify How/When Recall Condition was Corrected in Production : Subaru implemented an interim corrective action to inspect all assemblies prior to installation in vehicles on April 6, 2023 until corrective action by the supplier could be verified

Recall Schedule :

Description of Recall Schedule : Dealer notification is expected to occur by June 2, 2023. If necessary, owner notification is scheduled to begin on or about June 30, 2023.

Planned Dealer Notification Date : JUN 02, 2023 - JUN 02, 2023

Planned Owner Notification Date : JUN 30, 2023 - JUN 30, 2023

* NR - Not Reported