

# Part 573 Safety Recall Report

# 25V-078

**Manufacturer Name :** Porsche Cars North America, Inc.

**Submission Date :** FEB 12, 2025

**NHTSA Recall No. :** 25V-078

**Manufacturer Recall No. :** ASAO



## Manufacturer Information :

**Manufacturer Name :** Porsche Cars North America, Inc.

**Address :** One Porsche Drive

Atlanta GA 30354

**Company phone :** 1-800-767-7243

## Population :

**Number of potentially involved :** 279

**Estimated percentage with defect :** 100 %

## Vehicle Information :

**Vehicle 1 :** 2023-2023 Porsche 911

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** 2-DOOR

**Power Train :** GAS

**Descriptive Information :** The recall population was determined by production records.

**Production Dates :** FEB 17, 2023 - SEP 13, 2023

**VIN Range 1 :** Begin : WPOAA2A97PS205534 End : WPOAG2A97PS252402  Not sequential

## Description of Defect :

**Description of the Defect :** On some of the affected vehicles, there is potential that the rear seat belt buckles were not bolted to design specification and could potentially loosen over time.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** Possible settling behavior and loss of preload force of the bolt connection due to temperature and vibration loads over running time can lead to loosening of the nut from the threaded bolt. This can lead to possible separation of the bolt connection in the event of a crash and therefore can increase injuries of rear seat passengers.

**Description of the Cause :** Employee error: incorrect positioning of aluminum butyl mats used in this area could be traced back to certain production shifts.

**Identification of Any Warning that can Occur :** Vibrations and noises could be caused by a loose seat belt buckle but are not guaranteed.

## Involved Components :

Component Name 1 : Left Seat belt buckle

Component Description : Seat belt buckle with bolt connection

Component Part Number : 992857753

Component Name 2 : Right Seat belt buckle

Component Description : Seat belt buckle with bolt connection

Component Part Number : 992857754

Component Name 3 : Hexagonal collar nut

Component Description : Seat belt buckle bolt connection

Component Part Number : N 91026201

Component Name 4 : Aluminum butyl mat

Component Description : An aluminum butyl mat is a soundproofing and vibration-damping material.

Component Part Number : 9P1863881

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

In August 2023, Porsche was informed by the production plant that one bolt connection of the seat belt buckle was incorrectly made partially on an aluminum butyl mat. This was regarded as an isolated case.

A first analysis of (worldwide) customer complaints did not reveal any known cases of loose seat belt buckles. After this initial information, for precautionary reasons and despite the individual case consideration, Porsche arranged a random sample to better understand the potential likelihood of such an incorrect positioning of the subject butyl mat.

In October 2023, an investigation was started to explore possible effects on the seat belt fastening. Tests on a vibration test bench were conducted with parts simulating the contact with the aluminum butyl mat. The

purpose was to compare the settling behavior between an optimal bolt connection without contact with the aluminum butyl mat and a bolt connection on the aluminum butyl mat over service life, incl. temperature influences, to assess potential loss of preload force (residual torque) and potential loosening of the bolts. The first results of those test were available at the end of January 2024. The torque drop in the shaker tests was assessed as deviating from internal specifications. However, none of the test specimens showed a complete loosening of the bolt and all of the bolt connections still had residual torque at the end of the test.

In the meantime, there have still been no cases with loose bolt connections in the field.

Between the end of February 2024 and October 2024, a continued precautionary analysis of archived bolt curves for the potentially affected period was commissioned to determine the probability of occurrence and the vehicle population that may be affected. To achieve this, an external service provider for bolt curve evaluation has been commissioned.

**\*\*Continued chronology is below in additional comments\*\***

## Description of Remedy :

Description of Remedy Program : Porsche will check the rear seat belt buckle and the bolt connection and rework the aluminum butyl mat, and re-torque the bolts as necessary.

The owner's letter will not include a statement about customer reimbursement for pre-notification remedies as all the affected vehicles are still covered under Porsche New Car Limited Warranty.

How Remedy Component Differs from Recalled Component : The rear seat belt buckle and bolt connection has not changed technically. The screw connection has to be re-fitted if incorrect assembly is detected during the inspection and remedy program.

Identify How/When Recall Condition was Corrected in Production : Immediate and long-term measures:

- Cross-shift employee qualification
- Dynamic checkpoint of this production step
- Optimized production instructions, with display of the detailed positioning of the aluminum butyl mats
- 4-stage parameterization to detect a bolt connection on aluminum butyl
- Clearly identified inspection point established specifying "Position of the aluminum butyl mat rear seat system"

## Recall Schedule :

Description of Recall Schedule : Owners will be notified within 60 days of the filing of this report.

Planned Dealer Notification Date : FEB 26, 2025 - FEB 26, 2025

Planned Owner Notification Date : APR 11, 2025 - APR 11, 2025

\* NR - Not Reported