

Part 573 Safety Recall Report

21V-697

Manufacturer Name : Porsche Cars North America, Inc.

Submission Date : SEP 17, 2021

NHTSA Recall No. : 21V-697

Manufacturer Recall No. : AMB9



Manufacturer Information :

Population :

Manufacturer Name : Porsche Cars North America, Inc.

Number of potentially involved : 11

Address : One Porsche Drive

Estimated percentage with defect : 100 %

Atlanta GA 30354

Company phone : 1-800-767-7243

Vehicle Information :

Vehicle 1 : 2020-2021 Porsche 911 Carrera

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Affected vehicles have been identified through production records.

Production Dates : JUN 07, 2019 - APR 29, 2021

VIN Range 1 : Begin : NR **End :** NR Not sequential

Vehicle 2 : 2020-2021 Porsche Taycan

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : NR

Descriptive Information : Affected vehicles have been identified through production records.

Production Dates : JUL 07, 2020 - MAR 05, 2021

VIN Range 1 : Begin : NR **End :** NR Not sequential

Description of Defect :

Description of the Defect : On the affected vehicles, there is a possibility that the screw connection of the pressure input rod of the brake booster was not carried out according to the specifications.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the pressure input rod becomes detached, the brake pedal becomes ineffective, increasing the risk of a crash.

The emergency braking function via the electric parking brake is still

Description of the Cause : available without any restrictions.
The required torque (min. 9 Nm) of the self-locking screw connection on the two-piece brake booster pressure input rod may be too low due to a deviation of applied screw torque at the supplier.

As a result, the self-locking mechanism of the screw connection is impaired. Consequently the pressure input rod can become loose during the service life of the vehicle and detach from the brake booster .

Identification of Any Warning that can Occur : The driver may experience an abnormal brake pedal feel if the pressure input rod becomes loose.

Involved Components :

Component Name 1 : Electric brake booster.

Component Description : Electric brake booster.

Component Part Number : 992614105S

Component Name 2 : Electric brake booster.

Component Description : Electric brake booster.

Component Part Number : 992614105T

Supplier Identification :

Component Manufacturer

Name : Robert Bosch GmbH

Address : Robert Bosch Strasse 1
Immenstadt Foreign States 87509

Country : Germany

Chronology :

On August 27, 2021, Porsche was informed that certain brake boosters have been manufactured with an incorrect torque on screw connections of the pressure input rod. Porsche began further clarification in order to understand the technical background and potential impacts on braking ability. A simultaneous internal assessment was also conducted to identify subject parts and vehicles. Upon completing the assessment and

identifying potentially affected vehicles subject to the issue, Porsche decided on September 01 to conduct a safety recall to remedy the subject vehicles.

Description of Remedy :

Description of Remedy Program : 911: The affected brake booster will be replaced with new brake booster produced to the original specification.

Taycan: Dealers will check brake booster and repair if necessary.

Because the affected vehicles are within the New Vehicle Limited Warranty period, Porsche will not offer a reimbursement plan under this recall.

How Remedy Component Differs from Recalled Component : 911: The remedy components are manufactured within the original design specification.

Taycan: no remedy component

Identify How/When Recall Condition was Corrected in Production : Since May 10th, 100% end of line detection of loose screw connection. The rework department was equipped with automated documentation (camera-based) and employees were instructed again in June 2021.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : SEP 22, 2021 - SEP 22, 2021

Planned Owner Notification Date : NOV 07, 2021 - NOV 07, 2021

* NR - Not Reported