

Part 573 Safety Recall Report

21V-679

Manufacturer Name : Porsche Cars North America, Inc.**Submission Date :** NOV 15, 2021**NHTSA Recall No. :** 21V-679**Manufacturer Recall No. :** AMB7**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 : 4,934

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2013-2015 Porsche Boxster

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

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

Vehicles included in this recall may have been equipped with an out-of-specification rear-axle carrier side section.

Production Dates : SEP 01, 2012 - JUL 31, 2014

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2013-2014 Porsche Boxster S

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

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

Vehicles included in this recall may have been equipped with an out-of-specification rear-axle carrier side section.

Production Dates : SEP 05, 2012 - JUL 31, 2014

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2014-2015 Porsche Cayman

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

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

Vehicles included in this recall may have been equipped with an out-of-specification rear-axle carrier side section.

Production Dates : JAN 18, 2013 - JUL 31, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2014-2015 Porsche Cayman S

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

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

Vehicles included in this recall may have been equipped with an out-of-specification rear-axle carrier side section.

Production Dates : DEC 17, 2012 - JUL 30, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2015-2015 Porsche Cayman GTS

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

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

Vehicles included in this recall may have been equipped with an out-of-specification rear-axle carrier side section.

Production Dates : MAY 26, 2014 - JUL 29, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 6 : 2015-2015 Porsche Boxster GTS

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

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

Vehicles included in this recall may have been equipped with an out-of-specification rear-axle carrier side section.

Production Dates : MAY 19, 2014 - JUL 29, 2014

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 rear-axle carrier side sections were installed during a certain period that do not meet the required specifications due to a manufacturing defect.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Out of specification parts, may result in cracks or even may break over lifetime. A fracture of both mounts could result in a potential loss of vehicle control increasing the risk of a crash.

Description of the Cause : Material analysis indicates that on certain component production dates the proportion of strontium in the cast component rear-axle carrier side section exceeds the specified threshold. This results in a deterioration of the material properties.

Identification of Any Warning that can Occur : A rattling noise may be heard from the rear, however a warning is not ensured.

Involved Components :

Component Name 1 : Carrier Side Part

Component Description : The rear-axle carrier side section represents the connection to the chassis components.

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : Brabant Alucast Services Deutschland Gmb
Address : Wertstraße 23
Wendlingen am Neckar Foreign States 73240
Country : Germany

Chronology :

In March 2020 Porsche noted certain carrier side panels showed material abnormalities.

An initial assessment showed no immediate impact to the overall functionality and further analyses were deemed necessary to better understand the potential impact after an extended period of use.

In September 2020 a decision was made to initiate a detailed evaluation of field parts to analyze the effects by conducting a field study.

September 2020 - April 2021: first test results were available and reviewed. Some of the parts showed Strontium proportions out of specification.

April 2021 – June 2021: The further procedure regarding the evaluation of possible failure chain was coordinated and a test program for service life / residual service life was defined and performed.

July 2021 Consolidation, evaluation and reconciliation of test results showed 10 parts out of 153 which developed cracks in the subject component.

In August 2021, the final assessment was available and additional field data revealed one part with cracks in the second carrier. August 25, 2021, Porsche decided to conduct a voluntary safety recall out of abundance of caution.

Description of Remedy :

Description of Remedy Program : The affected rear-axle carrier side sections will be replaced with new carrier side parts produced to the original specification. The owner's letter will advise that Porsche offers a reimbursement for pre-notification remedies in accordance with 49 CFR §573.13.

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

Identify How/When Recall Condition was Corrected in Production : Since the beginning of 2019 the supplier was changed.

Recall Schedule :

Description of Recall Schedule : The dealers were advised on 9/16/21 and the customers were sent interim notifications on 10/28/21.

Planned Dealer Notification Date : SEP 16, 2021 - SEP 16, 2021

Planned Owner Notification Date : NOV 01, 2021 - NOV 01, 2021

* NR - Not Reported