

Part 573 Safety Recall Report

20V-381

Manufacturer Name : Porsche Cars North America, Inc.**Submission Date :** JUL 01, 2020**NHTSA Recall No. :** 20V-381**Manufacturer Recall No. :** ALA8**Manufacturer Information :****Population :****Manufacturer Name :** Porsche Cars North America, Inc.**Number of potentially involved :** 14**Address :** One Porsche Drive
Atlanta GA 30354**Estimated percentage with defect :** 100 %**Company phone :** 1-800-767-7243**Vehicle Information :****Vehicle 1 :** 2020-2020 Porsche 911 Carrera 4S Coupe**Vehicle Type :** LIGHT VEHICLES**Body Style :** 2-DOOR**Power Train :** GAS**Descriptive Information :** Affected vehicles have been identified through production records. Vehicles not included in the recall have not received parts from the affected production period at the supplier.**Production Dates :** FEB 21, 2019 - OCT 09, 2019**VIN Range 1 : Begin :** WP0AB2A94LS225201 **End :** WP0AB2A90LS227446 ☒ Not sequential**Description of Defect :****Description of the Defect :** One threaded joint of the bracket for the front axle differential was not tightened to the specification. If it comes loose, it could potentially cause damage to surrounding components.**FMVSS 1 :** NR**FMVSS 2 :** NR**Description of the Safety Risk :** A loose threaded joint might cause movement of the front axle differential beyond its intended position, which may result in damage to surrounding components, such as the fuel tank or drive shafts.
Fuel leakage in the presence of an ignition source may cause a risk of fire.**Description of the Cause :** Due to an insufficiently robust process at the supplier's production line, one of two threaded joints of the bracket for the front axle differential were only tightened with the initial torque, but not to the final specified torque.**Identification of Any Warning that can Occur :** Loud knocking noises and vibrations in the front of the vehicle.

Involved Components :

Component Name 1 : Threaded joint bracket for "4-wheel final drive"

Component Description : The bracket affixes the front axle differential to the front-axle cross member

Component Part Number : 992399225A

Component Name 2 : four-wheel final drive

Component Description : four-wheel final drive

Component Part Number : 0A0409505H

Supplier Identification :**Component Manufacturer**

Name : MAGNA POWERTRAIN GmbH&Co.KG

Address : Industriestrasse 35

Lannach FOREIGN STATES 8502

Country : Austria

Chronology :

- In March 2020 three customer complaints were received, concerning loud knocking noises and vibrations that occurred while driving. The issue was attributed to front axle differentials not tightened to specification. All three cases happened in the EU and no further incidents have been identified.
- Further investigation and analysis took place from March to June 2020 to identify any potential safety impact.
- June 18, 2020: Vehicle testing revealed potential damage to surrounding components, e.g. the fuel tank, by means of direct contact between the tank and the front drive shafts.
- June 24, 2020: Out of abundance of caution, Porsche made the determination of a safety defect and decided to conduct a voluntary safety recall for the affected vehicles.

Description of Remedy :

Description of Remedy Program : The front axle differential will be removed to check the screw threads, and to check surrounding components for any consequential damage. Depending on the inspection result, the front axle differential will be reinstalled or replaced using new screw joints torqued to the required specification.

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 : The recall condition was corrected at the supplier's production beginning November 1, 2019 by implementing revised process monitoring parameters.

Recall Schedule :

Description of Recall Schedule : Dealers and affected owners will be notified on or before August 25, 2020

Planned Dealer Notification Date : AUG 25, 2020 - AUG 25, 2020

Planned Owner Notification Date : AUG 25, 2020 - AUG 25, 2020

* NR - Not Reported