

Part 573 Safety Recall Report

20V-077

Manufacturer Name : Porsche Cars North America, Inc.

Submission Date : MAR 02, 2020

NHTSA Recall No. : 20V-077

Manufacturer Recall No. : ALA2



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 : 70,117

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2015-2018 Porsche Macan Variants

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : The recall population was determined based on the start of production of the affected vehicle model and until the subject component (service cover) design change. The vehicles assembled after subject component changed are not affected by this recall.

Production Dates : MAR 04, 2014 - MAR 12, 2018

VIN Range 1 : Begin : WP1AB2A50FLB41001 **End :** WP1AB2A59JLB36260 ☒ Not sequential

Description of Defect :

Description of the Defect : In certain rare circumstances, the fuel pump service cover can deflect and put pressure on the flow nozzle on the filter flange of the fuel pump. This can result in hairline cracks potentially leading to fuel seepage and fuel odor.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Fuel leakage in the presence of an ignition source may cause the risk of fire.

Description of the Cause : Under high load, the service cover can contact the flow nozzle on the filter flange of the fuel pump. If this occurs over a sufficiently long period of time, the nozzle may develop cracks.

Identification of Any Warning that can Occur : Fuel odor will be noticeable to customers.

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : Borscheid + Wenig GmbH

Address : Industriestraße 6
Diedorf FOREIGN STATES 86420

Country : Germany

Chronology :

June 2019 – as part of routine parts quality monitoring Porsche identified an elevated parts demand and began an investigation into the issue. This included warranty monitoring, and parts collection and analysis. Initial global analysis also indicated potential climate effects.

June 2019 to January 2020 – Porsche studied all known occurrences of the issue and applied them to a global “climate map” to help determine if the issue was isolated to certain regions. Porsche also studied the differences in vehicles in global markets with multiple confirmed occurrences to markets with fewer or no known occurrences.

Porsche conducted deeper part analysis to study the protrusion of a reinforcing rib of the service cover as the potential cause of the issue. Porsche also analyzed the vehicle population because some vehicle production periods did not appear to exhibit the issue.

On February 5, 2020 out of abundance of caution, to Porsche decided to conduct a voluntary safety recall for all affected vehicles.

Description of Remedy :

Description of Remedy Program : The service cover for the fuel pump will be reworked or replaced, and a protective film will be applied to the fuel pump flange. In addition, the fuel pump flange will be inspected and replaced if cracks are present.

How Remedy Component Differs from Recalled Component : The service cover remedy component will have improved tolerancing and/or clearance (part number V04015005B).

Identify How/When Recall Condition was Corrected in Production : Macan vehicles manufactured on or after March 13, 2018 are unaffected by the subject issue.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : FEB 26, 2020 - FEB 26, 2020

Planned Owner Notification Date : APR 10, 2020 - APR 10, 2020

* NR - Not Reported