

Part 573 Safety Recall Report

21V-131

Manufacturer Name : Porsche Cars North America, Inc.

Submission Date : MAR 03, 2021

NHTSA Recall No. : 21V-131

Manufacturer Recall No. : AMA2



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 : 39,547

Estimated percentage with defect : 2 %

Vehicle Information :

Vehicle 1 : 2017-2018 Porsche Macan

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Affected vehicles have been identified through production records.
Vehicles not included in the recall benefited from production countermeasures.

Production Dates : JUN 03, 2016 - JUL 31, 2017

VIN Range 1 : Begin : WP1AA2A58HLB00007 End : WP1AA2A56JLB01761 ☒ Not sequential

Vehicle 2 : 2015-2018 Porsche Macan S

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Affected vehicles have been identified through production records.
Vehicles not included in the recall benefited from production countermeasures.

Production Dates : MAR 05, 2014 - AUG 04, 2017

VIN Range 1 : Begin : WP1AB2A52FLB41002 End : WP1AB2A57JLB30862 ☒ Not sequential

Vehicle 3 : 2015-2018 Porsche Macan Turbo

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Affected vehicles have been identified through production records.
Vehicles not included in the recall benefited from production countermeasures.

Production Dates : MAR 17, 2014 - JUL 31, 2017

VIN Range 1 : Begin : WP1AF2A54FLB47047 End : WP1AF2A51JLB70262 ☒ Not sequential

Vehicle 4 : 2017-2018 Porsche Macan Turbo Kit

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Affected vehicles have been identified through production records.
Vehicles not included in the recall benefited from production countermeasures.

Production Dates : DEC 09, 2016 - JUL 25, 2017

VIN Range 1 : Begin : WP1AF2A53HLB61217 End : WP1AF2A55JLB70264 ☒ Not sequential

Vehicle 5 : 2017-2018 Porsche Macan GTS

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Affected vehicles have been identified through production records.
Vehicles not included in the recall benefited from production countermeasures.

Production Dates : JAN 14, 2016 - JUL 28, 2017

VIN Range 1 : Begin : WP1AG2A57HLB50010 End : WP1AG2A59JLB60446 ☒ Not sequential

Description of Defect :

Description of the Defect : The front passenger seat occupancy sensor mats may degrade with time and, in rare instance, eventually fail leading to the possible non-detection of a front passenger. As a result, the front passenger airbag may not deploy in the event of a crash and, as such, may fail to comply with Federal Motor Vehicle Safety Standard (FMVSS) No. 208 "Occupant Crash Protection". However, in the event that the occupant detection mat malfunctions, the "Airbag warning lamp" or "Passenger Airbag OFF" lamp will be activated in order to alert the occupants.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If warnings are ignored, the front passenger airbag may not deploy in a type of a crash in which it is designed to deploy.

Description of the Cause : Sensor mats for the seat occupancy detection system, located in the front passenger seat cushion contains a conductive fabric that can fracture prematurely.

Identification of Any Warning that can Occur : The "Airbag warning lamp" or "Passenger Airbag OFF" lamp will be activated in order to alert the driver and passenger.

Involved Components :

Component Name 1 : BodySense Generation2

Component Description : Sensor mat

Component Part Number : 95B8811256J

Component Name 2 : BodySense Generation2

Component Description : Sensor mat

Component Part Number : 95B881256N

Component Name 3 : BodySense Generation2

Component Description : Sensor mat

Component Part Number : 95B881256E

Component Name 4 : BodySense Generation2

Component Description : Sensor mat

Component Part Number : 95B881256P

Component Name 5 : BodySense Generation2

Component Description : Sensor mat

Component Part Number : 95B881256T

Component Name 6 : BodySense Generation2

Component Description : Sensor mat

Component Part Number : 95B881256R

Component Name 7 : BodySense Generation2

Component Description : Sensor mat

Component Part Number : 95B881256G

Component Name 8 : BodySense Generation2

Component Description : Sensor mat

Component Part Number : 95B881256S

Component Name 9 : BodySense Generation2

Component Description : Sensor mat

Component Part Number : 95B881256T

Component Name 10 : BodySense Generation2

Component Description : Sensor mat

Component Part Number : 95B881256AA

Component Name 11 : BodySense Generation2

Component Description : Sensor mat

Component Part Number : 95B881256K

Component Name 12 : BodySense Generation2

Component Description : Sensor mat

Component Part Number : 95B881256L

Component Name 13 : BodySense Generation2

Component Description : Sensor mat

Component Part Number : 95B881256M

Supplier Identification :

Component Manufacturer

Name : IEE S.A

Address : 11, Rue Edmond Reuter

Contern Foreign States L-5326

Country : Luxembourg

Chronology :

On March 2, 2017, Porsche recalled certain MY2015-2017 Porsche Macan vehicles to replace the BodySense Generation 1 front passenger seat occupancy sensors mats ("sensor mats"). The recall number is 17V-133.

2018-2020 Porsche periodically received and analyzed individual returned warranty BodySense Generation 2 sensor mats from vehicles outside of the 17V-133 recall population, but did not identify a failure pattern, or a defect trend.

In late January 2021, Porsche reviewed field statistics and was informed about additional complaints involving failures of the BodySense Generation 2 sensor mats.

Further Analysis revealed that certain failures of the sensor mats were due to cracks of the conductive fabric within the sensor mats resulting from a lack of sufficient strength of the material.

Porsche is not aware of any incidents worldwide where the protective benefits of the front airbag system were not available to the passenger in the event of a crash that are attributable to the subject issue.

On February, 24th, 2021, Porsche decided to conduct a voluntary recall for all vehicles equipped with BodySense Generation 2 sensor mats.

Description of Remedy :

Description of Remedy Program : The vehicles will be recalled to the workshop and an optimized sensor mat and seat cushion will be installed free of charge. Owners who have had this remedy performed at their own expense prior to the recall notification may be eligible for reimbursement according to Porsche's reimbursement plan on file.

How Remedy Component Differs from Recalled Component : The remedy component is manufactured with an optimized system of sensor mats, including increased strength due to an additional polyurethane layer.

Identify How/When Recall Condition was Corrected in Production : Implementation of optimized sensor mats were introduced into the supplier's production in August 2017 to increase the overall system's robustness.

Recall Schedule :

Description of Recall Schedule : Dealers and Owners will be notified on or before May 2, 2021.

Planned Dealer Notification Date : MAY 02, 2021 - MAY 02, 2021

Planned Owner Notification Date : MAY 02, 2021 - MAY 02, 2021

* NR - Not Reported