

# Part 573 Safety Recall Report

# 17V-133

**Manufacturer Name :** Porsche Cars North America, Inc.

**Submission Date :** MAR 02, 2017

**NHTSA Recall No. :** 17V-133

**Manufacturer Recall No. :** AH02



## Manufacturer Information :

## Population :

**Manufacturer Name :** Porsche Cars North America, Inc.

**Number of potentially involved :** 17,871

**Address :** One Porsche Drive

**Estimated percentage with defect :** 1 %

Atlanta GA 30354

**Company phone :** 1-800-767-7243

## Vehicle Information :

**Vehicle 1 :** 2015-2015 Porsche Macan Turbo

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** SUV

**Power Train :** GAS

**Descriptive Information :** Recall of seat occupancy system sensor mats

**Production Dates :** MAR 05, 2014 - MAY 28, 2015

**VIN Range 1 :** Begin : WP1AF2A5XFLB47005 End : WP1AF2A54FLB99892  Not sequential

**Vehicle 2 :** 2015-2015 Porsche Macan S

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** SUV

**Power Train :** GAS

**Descriptive Information :** Recall of seat occupancy system sensor mats

**Production Dates :** MAR 04, 2014 - JUN 01, 2015

**VIN Range 1 :** Begin : WP1AB2A50FLB41001 End : WP1AB2A56FLB74679  Not sequential

**Vehicle 3 :** 2016-2016 Porsche Macan S

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** SUV

**Power Train :** GAS

**Descriptive Information :** Recall of seat occupancy system sensor mats

**Production Dates :** MAY 22, 2015 - OCT 15, 2015

**VIN Range 1 :** Begin : WP1AB2A54GLB40001 End : WP1AB2A52GLB47061  Not sequential

Vehicle 4 : 2016-2016 Porsche Macan Turbo

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Recall of seat occupancy system sensor mats

Production Dates : MAY 22, 2015 - OCT 15, 2015

VIN Range 1 : Begin : WP1AF2A50GLB90012 End : WP1AF2A55GLB92046  Not sequential

Vehicle 5 : 2017-2017 Porsche Macan GTS

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Recall of seat occupancy system sensor mats

Production Dates : OCT 20, 2015 - OCT 20, 2015

VIN Range 1 : Begin : WP1AG2A57HLB50007 End : WP1AG2A57HLB50007  Not sequential

## Description of Defect :

Description of the Defect : The sensor mats for the occupancy detection system may 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 : 208 - Occupant crash protection

FMVSS 2 : NR

Description of the Safety Risk : If the activated airbag warning or "Passenger Airbag OFF" lamps are disregarded by the front passenger, and that individual does not move to a different seating position or exit the vehicle, the protective benefit of the front airbag system will not be available to the passenger in the event of a crash.

Description of the Cause : Sensor mats for the seat occupancy detection system, located in the passenger seat cushion, were installed in the affected vehicles, which contains a conductive fabric that can fracture.

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.

## Supplier Identification :

### Component Manufacturer

Name : IEE S.A

Address : 11, rue Edmond Reuter  
Contern FOREIGN STATES L-5326

Country : Luxembourg

## Chronology :

In October 2016 during ongoing field observations, Porsche identified incidents related to activated airbag warning lamps. Porsche investigated and determined that this could be due to defective sensor mats for seat occupancy detection.

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 due to the described defect.

Through February 23, 2017, failed parts were requested from the field and forwarded to Porsche's Research and Development center for analysis. It was determined that the failure 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.

February 23, 2017: The topic was reviewed by Porsche AG's product safety committee and based on the above information it was decided to conduct a voluntary recall.

## 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. There are no plans for reimbursing the owners as all affected vehicles are still covered under warranty.

**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 2015 to increase the overall system's robustness.

**Recall Schedule :**

Description of Recall Schedule : To be determined,

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported