

# Part 573 Safety Recall Report

# 19V-533

**Manufacturer Name :** Porsche Cars North America, Inc.**Submission Date :** JUL 17, 2019**NHTSA Recall No. :** 19V-533**Manufacturer Recall No. :** AKB4**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 : 7,517

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2016-2017 PORSCHE 911

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

**Descriptive Information :** The recall population was determined based on the vehicle population that may have been equipped with the potentially defective KEMET capacitor in the airbag control unit (ACU).

The subject vehicles are equipped with the ACU that may contain an out-of-specification KEMET capacitor. The cut-off date is based on information from ZF (formerly TRW), which states that that KEMET implemented process changes to address the out of specification issue in Calendar Week 38 of 2015 (see 19E-043).

Production Dates : JUN 30, 2015 - APR 12, 2016

VIN Range 1 : Begin : WPOAF2A94GS187124 End : WPOCA2A94HS141527  Not sequential

Vehicle 2 : 2016-2017 PORSCHE BOXSTER

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

**Descriptive Information :** The recall population was determined based on the vehicle population that may have been equipped with the potentially defective KEMET capacitor in the airbag control unit (ACU).

The subject vehicles are equipped with the ACU that may contain an out-of-specification KEMET capacitor. The cut-off date is based on information from ZF (formerly TRW), which states that that KEMET implemented process changes to address the out of specification issue in Calendar Week 38 of 2015 (see 19E-043).

Production Dates : JUL 01, 2015 - MAR 15, 2016

VIN Range 1 : Begin : WPOCA2A87GS120371 End : WPOCA2A88HS220075  Not sequential

Vehicle 3 : 2016-2016 PORSCHE CAYMAN

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

**Descriptive Information :** The recall population was determined based on the vehicle population that may have been equipped with the potentially defective KEMET capacitor in the airbag control unit (ACU).

The subject vehicles are equipped with the ACU that may contain an out-of-specification KEMET capacitor. The cut-off date is based on information from ZF (formerly TRW), which states that that KEMET implemented process changes to address the out of specification issue in Calendar Week 38 of 2015 (see 19E-043).

**Production Dates :** JUL 08, 2015 - APR 18, 2016

**VIN Range 1 : Begin :** WPOAA2A89GK170275 **End :** WPOAC2A82GK197909  Not sequential

**Vehicle 4 :** 2016-2016 PORSCHE PANAMERA

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : GAS

**Descriptive Information :** The recall population was determined based on the vehicle population that may have been equipped with the potentially defective KEMET capacitor in the airbag control unit (ACU).

The subject vehicles are equipped with the ACU that may contain an out-of-specification KEMET capacitor. The cut-off date is based on information from ZF (formerly TRW), which states that that KEMET implemented process changes to address the out of specification issue in Calendar Week 38 of 2015 (see 19E-043).

**Production Dates :** JUN 23, 2015 - APR 07, 2016

**VIN Range 1 : Begin :** WPOAA2A79GL000578 **End :** WPOAA2A72GL005587  Not sequential

## Description of Defect :

**Description of the Defect :** According to the ZF equipment Part 573 report No. 19E-043, the subject vehicles were equipped with TRW ACUs that may contain an out-of-specification component supplied by KEMET.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** An out-of-specification power supply capacitor supplied by KEMET to ZF (formerly TRW) may lead to a power deviation within the airbag control unit due to a changed equivalent series resistance (ESR). In rare instances, this could result in an unexpected deployment of the vehicle's airbags and/or safety belt pretensioners, or the non-deployment of the vehicle's airbags and/or safety belt pretensioners, increasing a risk of crash, or injury severity in a crash.

**Description of the Cause :** See 19E-043.

Identification of Any Warning N/A.  
that can Occur :

## Supplier Identification :

### Component Manufacturer

Name : ZF Group  
Address : Fritz-Reichle-Ring 8  
Radolfzell FOREIGN STATES 78315  
Country : Germany

## Chronology :

The chronology of defect determination in 19E-043 submitted by ZF to NHTSA on June 20, 2019 is hereby incorporated by reference. ZF provided Porsche with a copy of their recall 19E-043 on June 24, 2019.

Porsche's investigation identified no incidents or injuries attributable the issue identified in the ZF report. However, out of abundance of caution, Porsche decided on July 10, 2019 that it would recall vehicles equipped with the subject component.

## Description of Remedy :

Description of Remedy Program : The subject airbag control units will be programmed with an optimized software containing an additional check functionality for the capacitor. If a faulty power supply capacitor is identified, the ACU will be replaced.

How Remedy Component Differs from Recalled Component : The optimized software has an additional check functionality for the capacitor in the airbag control unit. The part number of the affected component is 991 618 201 08. Replacement parts are equipped with a power supply capacitor built and checked according to the original specifications.

Identify How/When Recall Condition was Corrected in Production : The improved airbag control unit has been introduced into production in calendar week 33 of 2015.

## Recall Schedule :

Description of Recall Schedule : Porsche expects to notify owners within 60 days.  
Planned Dealer Notification Date : SEP 15, 2019 - SEP 15, 2019

Planned Owner Notification Date : SEP 15, 2019 - SEP 15, 2019

\* NR - Not Reported