

Part 573 Safety Recall Report

19V-180

Manufacturer Name : Porsche Cars North America, Inc.

Submission Date : MAY 08, 2019

NHTSA Recall No. : 19V-180

Manufacturer Recall No. : AKA5



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 : 182

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2018 Porsche Panamera

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : GAS

Descriptive Information : The recall population was determined based on the serial number of the defective gateway control units according to the production batch as reported by the supplier. The gateway's serial number is recorded for each vehicle VIN during the production process. The recalled vehicles contain a gateway control unit from a defective production batch.

Production Dates : AUG 22, 2018 - SEP 04, 2018

VIN Range 1 : Begin : WPOAA2A77JL117423 End : WPOAA2A76JL117994 Not sequential

Vehicle 2 : 2018-2018 Porsche Panamera 4

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : GAS

Descriptive Information : The recall population was determined based on the serial number of the defective gateway control units according to the production batch as reported by the supplier. The gateway's serial number is recorded for each vehicle VIN during the production process. The recalled vehicles contain a gateway control unit from a defective production batch.

Production Dates : AUG 17, 2018 - SEP 06, 2018

VIN Range 1 : Begin : WPOAA2A77JL117258 End : WPOAA2A73JL118164 Not sequential

Vehicle 3 : 2018-2018 Porsche Panamera 4S

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : GAS

Descriptive Information : The recall population was determined based on the serial number of the defective gateway control units according to the production batch as reported by the supplier. The gateway's serial number is recorded for each vehicle VIN during the production process.
The recalled vehicles contain a gateway control unit from a defective production batch.

Production Dates : AUG 19, 2018 - SEP 05, 2018

VIN Range 1 : Begin : WPOAB2A78JL136382 End : WPOAB2A75JL136596 Not sequential

Vehicle 4 : 2018-2018 Porsche Panamera 4 E-Hybrid

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : HYBRID ELECTRIC

Descriptive Information : The recall population was determined based on the serial number of the defective gateway control units according to the production batch as reported by the supplier. The gateway's serial number is recorded for each vehicle VIN during the production process.
The recalled vehicles contain a gateway control unit from a defective production batch.

Production Dates : AUG 20, 2018 - AUG 29, 2018

VIN Range 1 : Begin : WPOAE2A79JL176669 End : WPOAE2A79JL176784 Not sequential

Vehicle 5 : 2018-2018 Porsche Panamera Turbo

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : GAS

Descriptive Information : The recall population was determined based on the serial number of the defective gateway control units according to the production batch as reported by the supplier. The gateway's serial number is recorded for each vehicle VIN during the production process.
The recalled vehicles contain a gateway control unit from a defective production batch.

Production Dates : AUG 21, 2018 - SEP 06, 2018

VIN Range 1 : Begin : WPOAF2A77JL142291 End : WPOAF2A72JL142330 Not sequential

Vehicle 6 : 2018-2018 Porsche Panamera 4 E-Hybrid Executive

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : HYBRID ELECTRIC

Descriptive Information : The recall population was determined based on the serial number of the defective gateway control units according to the production batch as reported by the supplier. The gateway's serial number is recorded for each vehicle VIN during the production process.
The recalled vehicles contain a gateway control unit from a defective production

batch.

Production Dates : AUG 21, 2018 - AUG 22, 2018

VIN Range 1 : Begin : WPOBE2A77JL161494 End : WPOBE2A76JL161499 Not sequential

Vehicle 7 : 2018-2018 Porsche Panamera Turbo Executive

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : GAS

Descriptive Information : The recall population was determined based on the serial number of the defective gateway control units according to the production batch as reported by the supplier. The gateway's serial number is recorded for each vehicle VIN during the production process.

The recalled vehicles contain a gateway control unit from a defective production batch.

Production Dates : AUG 27, 2018 - AUG 27, 2018

VIN Range 1 : Begin : WPOBF2A70JL170227 End : WPOBF2A74JL170229 Not sequential

Vehicle 8 : 2018-2018 Porsche Panamera 4 Sport Turismo

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : The recall population was determined based on the serial number of the defective gateway control units according to the production batch as reported by the supplier. The gateway's serial number is recorded for each vehicle VIN during the production process.

The recalled vehicles contain a gateway control unit from a defective production batch.

Production Dates : AUG 22, 2018 - AUG 27, 2018

VIN Range 1 : Begin : WPOCA2A7XJL181285 End : WPOCA2A71JL181286 Not sequential

Vehicle 9 : 2018-2018 Porsche Panamera 4 E-Hybrid Sport Turismo

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : HYBRID ELECTRIC

Descriptive Information : The recall population was determined based on the serial number of the defective gateway control units according to the production batch as reported by the supplier. The gateway's serial number is recorded for each vehicle VIN during the production process.

The recalled vehicles contain a gateway control unit from a defective production batch.

Production Dates : AUG 21, 2018 - SEP 04, 2018

VIN Range 1 : Begin : WPOCE2A72JL148401 End : WPOCE2A76JL148420 Not sequential

Vehicle 10 : 2018-2018 Porsche Panamera Turbo S E-Hybrid Sport Turismo

Vehicle Type : LIGHT VEHICLES
Body Style : STATIONWAGON
Power Train : HYBRID ELECTRIC

Descriptive Information : The recall population was determined based on the serial number of the defective gateway control units according to the production batch as reported by the supplier. The gateway's serial number is recorded for each vehicle VIN during the production process.
The recalled vehicles contain a gateway control unit from a defective production batch.

Production Dates : AUG 22, 2018 - AUG 29, 2018

VIN Range 1 : Begin : WPOCH2A79JL198767 End : WPOCH2A72JL198772 Not sequential

Description of Defect :

Description of the Defect : Affected vehicles are equipped with gateway control units which were not soldered correctly in the manufacturing plant of our supplier.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The defective gateway control units may fail and could conditionally lead to an interruption of the communication between various control units. As a result, various error messages will be displayed in the instrument cluster and some functions may be impaired. Vehicle driveability and starting behaviour may also be impaired.

Description of the Cause : An improper soldering process on a circuit board in the gateway ECU was not recognized during regular quality checks within the production process.

Identification of Any Warning that can Occur : Various error messages will be displayed in the instrument cluster.

Supplier Identification :

Component Manufacturer

Name : Conti TEMIC microelectronic GmbH

Address : Dornierstrasse 1
Baden-Württemberg Markdorf FOREIGN STATES 88677

Country : Germany

Chronology :

In August 2018, the supplier Conti TEMIC identified the soldering issue on the production line and blocked all gateway control units from that particular production batch.

The supplier informed Porsche about the soldering issue in September 2018. On October 2, 2018, the matter was presented to the Working Group subcommittee of the product safety committee at Dr. Ing. h.c. F. Porsche AG.

In November 2018, after a thorough investigation and analysis, the supplier implemented additional measures to detect and avoid further soldering issues. In addition, during this period, Porsche investigated the impact of a defective gateway control unit on the vehicle's various systems.

On February 27, 2019, the matter was presented to the product safety committee at Dr. Ing. h.c. F. Porsche AG, and it was decided to implement a voluntary safety recall for the potentially affected vehicles.

Description of Remedy :

Description of Remedy Program : The vehicles will be recalled to the workshop and the gateway control units will be replaced.

How Remedy Component Differs from Recalled Component : The remedy components match the components used before the soldering issue but have been inspected during the production process by additional quality control measures.

The part numbers of the affected control units are as follows:

Panamera variants: 4M4907468G
Cayenne variants: 4N2907468AK.

Identify How/When Recall Condition was Corrected in Production : All gateway control units delivered to Porsche from September 24th, 2018 onwards have been successfully inspected and tested.

Recall Schedule :

Description of Recall Schedule : Porsche expects to notify owners within 60 days.

Planned Dealer Notification Date : MAY 05, 2019 - MAY 05, 2019

Planned Owner Notification Date : MAY 05, 2019 - MAY 05, 2019

* NR - Not Reported