

Part 573 Safety Recall Report

21V-271

Manufacturer Name : Porsche Cars North America, Inc.

Submission Date : APR 21, 2021

NHTSA Recall No. : 21V-271

Manufacturer Recall No. : AMA9



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 : 1,568

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 Porsche Cayenne

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots.

Production Dates : SEP 16, 2020 - OCT 23, 2020

VIN Range 1 : Begin : WP1AA2AY6MDA01278 **End :** WP1AA2AY1MDA02547 Not sequential

Vehicle 2 : 2021-2021 Porsche Cayenne S

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots.

Production Dates : SEP 17, 2020 - OCT 22, 2020

VIN Range 1 : Begin : WP1AB2AY9MDA27290 **End :** WP1AB2AY7MDA27465 Not sequential

Vehicle 3 : 2021-2021 Porsche Cayenne Turbo

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots.

Production Dates : SEP 18, 2020 - OCT 26, 2020

VIN Range 1 : Begin : WP1AF2AY2MDA36076 **End :** WP1AF2AY4MDA36175 Not sequential

Vehicle 4 : 2021-2021 Porsche Cayenne GTS

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots.

Production Dates : SEP 16, 2020 - OCT 28, 2020

VIN Range 1 : Begin : WP1AG2AY5MDA33461 End : WP1AG2AY3MDA33930 Not sequential

Vehicle 5 : 2021-2021 Porsche Cayenne Coupe

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots.

Production Dates : SEP 18, 2020 - OCT 26, 2020

VIN Range 1 : Begin : WP1BA2AY3MDA40205 End : WP1BA2AY3MDA40897 Not sequential

Vehicle 6 : 2021-2021 Porsche Cayenne S Coupe

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots.

Production Dates : SEP 17, 2020 - OCT 23, 2020

VIN Range 1 : Begin : WP1BB2AY1MDA46050 End : WP1BB2AY8MDA46191 Not sequential

Vehicle 7 : 2021-2021 Porsche Cayenne Turbo Coupe

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots.

Production Dates : SEP 18, 2020 - OCT 27, 2020

VIN Range 1 : Begin : WP1BF2AY0MDA51020 End : WP1BF2AY8MDA51072 Not sequential

Vehicle 8 : 2021-2021 Porsche Cayenne GTS Coupe
Vehicle Type : LIGHT VEHICLES
Body Style : SUV
Power Train : GAS

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots.

Production Dates : SEP 17, 2020 - OCT 26, 2020

VIN Range 1 : Begin : WP1BG2AY4MDA49252 End : WP1BG2AY0MDA49586 Not sequential

Description of Defect :

Description of the Defect : The affected lock nuts on the trailing arm of the rear axle have not been manufactured according to the required specifications.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Potential breakage of the nut located on the eccentric screw of the trailing arm (rear axle).

A loose threaded connection may cause movement of respective suspension component beyond its intended position.

If the screw connection fails, it might cause a sudden driving instability with significant changes to the vehicle's driving behavior and result in a potential loss of control.

Description of the Cause : Hydrogen-induced stress corrosion fracturing within certain production lots had production parameters that did not meet specifications (e.g. hardness, boron- and chromium-content), as a result of a material change.

Identification of Any Warning that can Occur : The perception by the driver of potential noise and vibration due to loosening or failure of the connection cannot be guaranteed.

Involved Components :

Component Name 1 : Lock Nut

Component Description : on the eccentric screw of the trailing arm (rear axle)

Component Part Number : 958007610

Supplier Identification :

Component Manufacturer

Name : HEWI G. Winker GmbH & Co. KG
Address : Postfach 1356
Spaichingen Foreign States 78545
Country : Germany

Chronology :

At the end of February 2021, Porsche was informed that deficient locking nuts may have been installed in certain vehicles.

An initial analysis revealed that neither defects nor customer complaints (e.g. steering wheel misalignment) were reported in this context.

In March and April 2021, the potential effect of the defect on the vehicle driving behavior was analyzed.

On April 14, 2021 the product safety committee determined a safety defect and decided to implement a voluntary safety recall.

Description of Remedy :

Description of Remedy Program : The screw connection on the trailing arm (rear) will be replaced and the new components installed according to the specifications.

How Remedy Component Differs from Recalled Component : Lock nuts that meet the specifications will be installed.

Identify How/When Recall Condition was Corrected in Production : Lock nuts with correct parameters are used in production.

Recall Schedule :

Description of Recall Schedule : Dealers and owners will be notified of this recall on or before June 18, 2021

Planned Dealer Notification Date : JUN 18, 2021 - JUN 18, 2021

Planned Owner Notification Date : JUN 18, 2021 - JUN 18, 2021

* NR - Not Reported