

Part 573 Safety Recall Report

23V-613

Manufacturer Name : Volkswagen Group of America, Inc.

Submission Date : SEP 01, 2023

NHTSA Recall No. : 23V-613

Manufacturer Recall No. : 93T7



Manufacturer Information :

Population :

Manufacturer Name : Volkswagen Group of America, Inc.

Number of potentially involved : 1,899

Address : 3800 Hamlin Road

Estimated percentage with defect : 3 %

Auburn Hills MI 48326

Company phone : 1-800-893-5298

Vehicle Information :

Vehicle 1 : 2023-2023 AUDI RS E-TRON GT

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production records.

The vehicle populations prior to the recalled vehicle production period did not have the Teroson sealant and thus are not subject to the failure mode of the recall population. Vehicle populations subsequent to the recalled vehicle production period have an enhanced Teroson sealant and thus are not subject to the failure mode as the recall population.

RS E-TRON GT: 461

Production Dates : SEP 23, 2022 - AUG 28, 2023

VIN Range 1 : Begin : WAUBHBF7P7900840 **End :** WAUBHBF7P7903131 Not sequential

Vehicle 2 : 2023-2023 AUDI E-TRON GT

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production records.

The vehicle populations prior to the recalled vehicle production period did not have the Teroson sealant and thus are not subject to the failure mode of the recall population. Vehicle populations subsequent to the recalled vehicle production period have an enhanced Teroson sealant and thus are not subject to the failure mode as the recall population.

E-TRON GT: 1438

Production Dates : SEP 26, 2022 - AUG 25, 2023

VIN Range 1 : Begin : WAUCJBFW0P7001682 End : WAUEJBFW8P7006931 Not sequential

Description of Defect :

Description of the Defect : Under certain circumstances there is a possibility that over time liquid can intrude into the high voltage battery of certain vehicles.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Over time, if a sufficient amount of conductive liquid accumulates in the battery, arcing can occur, which could increase the risk of a thermal event.

Description of the Cause : Insufficiently robust sealant of the high voltage battery can lead to the defect condition.

Identification of Any Warning that can Occur : If liquid enters the battery, a drop in insulation resistance results. If the insulation resistance value drops below a defined threshold over time, a yellow warning message is displayed in the vehicle. If the insulation value continues to drop below a defined threshold over time, a red warning message is displayed in the vehicle.

Involved Components :

Component Name 1 : High Voltage Battery

Component Description : High Voltage Battery

Component Part Number : 9J1.915.099.** / 9J1.915.100.**

Supplier Identification :

Component Manufacturer

Name : DRÄXLMAIER Group
Address : NR
Vilsbiburg Foreign States 84137
Country : Germany

Chronology :

July 2022: Audi became aware of a potential issue involving reduced insulation resistance values which may indicate liquid intrusion into the battery. A detailed engineering investigation into the influencing factors and root cause was started together with the supplier.

In September 2022, the HV battery supplier introduced a Teroson sealant into the battery production process in an effort to increase sealant robustness. Field monitoring continued.

March 2023 – August 2023: Additional evaluations and testing were initiated based on reports of reduced insulation resistance values in vehicles with the Teroson sealant from non-US markets.

Audi continued investigating the cause of the liquid intrusion and concluded that an improved and further enhanced Teroson sealant should be added to the HV battery. The enhanced Teroson sealant was implemented in May 2023 in the production process of the supplier.

August 25, 2023: The results of the ongoing analysis were presented to the Audi Product Safety Committee. It was determined that there have been no reports of potential liquid intrusion in vehicles with the enhanced Teroson sealant that was implemented in May 2023. However, for the population built with the original Teroson sealant introduced by the supplier in September 2022 it cannot be ruled out that further cases of reduced insulation resistance values may occur in the field. Out of an abundance of caution the Audi Product Safety Committee decided a worldwide recall, based on the evaluation that, over time, if a sufficient amount of conductive liquid accumulates in the battery, arcing can occur which could increase the risk of a thermal event. Audi is not aware of any field reports in the US for HV batteries with the original Teroson sealant.

Description of Remedy :

Description of Remedy Program : Audi will conduct leak testing to detect the potential for leakage into the battery. If testing indicates the potential for leakage, the battery will be replaced.

Audi will not offer a reimbursement plan under this recall because the vehicles affected would be covered under the new vehicle limited warranty.

How Remedy Component Differs from Recalled Component : The remedy component includes an enhanced Teroson sealant.

Identify How/When Recall Condition was Corrected in Production : The enhanced Teroson sealant was incorporated into battery production in May 2023.

Recall Schedule :

Description of Recall Schedule : Dealers: On or before September 07, 2023 / Owners on or before October 31, 2023

Planned Dealer Notification Date : SEP 07, 2023 - SEP 07, 2023

Planned Owner Notification Date : OCT 31, 2023 - OCT 31, 2023

* NR - Not Reported

Part 573 Safety Recall Report

23V-615

Manufacturer Name : Porsche Cars North America, Inc.**Submission Date :** SEP 01, 2023**NHTSA Recall No. :** 23V-615**Manufacturer Recall No. :** APB2**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 : 4,777

Estimated percentage with defect : 3 %

Vehicle Information :

Vehicle 1 : 2023-2023 Porsche Taycan

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Affected vehicles have been identified through production records. The vehicle populations prior to the recalled vehicle production period did not have the Teroson sealant and thus are not subject to the failure mode of the recall population. Vehicle populations subsequent to the recalled vehicle production period have an enhanced Teroson sealant and thus are not subject to the failure mode as the recall population.

Production Dates : SEP 23, 2022 - AUG 03, 2023

VIN Range 1 : Begin : WPOAA2Y16PSA10625 End : WPOAA2Y19PSA16306 Not sequential

Vehicle 2 : 2023-2023 Porsche Taycan 4S

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Affected vehicles have been identified through production records. The vehicle populations prior to the recalled vehicle production period did not have the Teroson sealant and thus are not subject to the failure mode of the recall population. Vehicle populations subsequent to the recalled vehicle production period have an enhanced Teroson sealant and thus are not subject to the failure mode as the recall population.

Production Dates : SEP 22, 2022 - JUL 27, 2023

VIN Range 1 : Begin : WPOAB2Y10PSA35114 End : WPOAB2Y14PSA36606 Not sequential

Vehicle 3 : 2023-2023 Porsche Taycan Turbo S

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Affected vehicles have been identified through production records. The vehicle populations prior to the recalled vehicle production period did not have the Teroson sealant and thus are not subject to the failure mode of the recall population. Vehicle populations subsequent to the recalled vehicle production period have an enhanced Teroson sealant and thus are not subject to the failure mode as the recall population.

Production Dates : SEP 23, 2022 - MAY 09, 2023

VIN Range 1 : Begin : WPOAC2Y1XPSA52029 End : WPOAC2Y15PSA52424 Not sequential

Vehicle 4 : 2023-2023 Porsche Taycan Turbo

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Affected vehicles have been identified through production records. The vehicle populations prior to the recalled vehicle production period did not have the Teroson sealant and thus are not subject to the failure mode of the recall population. Vehicle populations subsequent to the recalled vehicle production period have an enhanced Teroson sealant and thus are not subject to the failure mode as the recall population.

Production Dates : NOV 18, 2022 - MAY 10, 2023

VIN Range 1 : Begin : WPOAC2Y13PSA52082 End : WPOAC2Y11PSA52419 Not sequential

Vehicle 5 : 2023-2023 Porsche Taycan GTS

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Affected vehicles have been identified through production records. The vehicle populations prior to the recalled vehicle production period did not have the Teroson sealant and thus are not subject to the failure mode of the recall population. Vehicle populations subsequent to the recalled vehicle production period have an enhanced Teroson sealant and thus are not subject to the failure mode as the recall population.

Production Dates : SEP 24, 2022 - JUL 21, 2023

VIN Range 1 : Begin : WPOAD2Y12PSA47095 End : WPOAD2Y16PSA48461 Not sequential

Vehicle 6 : 2023-2023 Porsche Taycan 4 Cross Turismo

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : HYBRID ELECTRIC

Descriptive Information : Affected vehicles have been identified through production records. The vehicle populations prior to the recalled vehicle production period did not have the Teroson sealant and thus are not subject to the failure mode of the recall population. Vehicle populations subsequent to the recalled vehicle production period have an enhanced Teroson sealant and thus are not subject to the failure mode as the recall population.

Production Dates : SEP 27, 2022 - JUL 21, 2023

VIN Range 1 : Begin : WPOBA2Y15PSA60064 End : WPOBA2Y17PSA60650 Not sequential

Vehicle 7 : 2023-2023 Porsche Taycan 4S Cross Turismo

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : HYBRID ELECTRIC

Descriptive Information : Affected vehicles have been identified through production records. The vehicle populations prior to the recalled vehicle production period did not have the Teroson sealant and thus are not subject to the failure mode of the recall population. Vehicle populations subsequent to the recalled vehicle production period have an enhanced Teroson sealant and thus are not subject to the failure mode as the recall population.

Production Dates : SEP 28, 2022 - JUL 21, 2023

VIN Range 1 : Begin : WPOBB2Y19PSA65037 End : WPOBB2Y16PSA65545 Not sequential

Vehicle 8 : 2023-2023 Porsche Taycan Turbo S Cross Turismo

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : HYBRID ELECTRIC

Descriptive Information : Affected vehicles have been identified through production records. The vehicle populations prior to the recalled vehicle production period did not have the Teroson sealant and thus are not subject to the failure mode of the recall population. Vehicle populations subsequent to the recalled vehicle production period have an enhanced Teroson sealant and thus are not subject to the failure mode as the recall population.

Production Dates : OCT 10, 2022 - AUG 02, 2023

VIN Range 1 : Begin : WPOBC2Y16PSA68006 End : WPOBC2Y18PSA68153 Not sequential

Vehicle 9 : 2023-2023 Porsche Taycan Turbo Cross Turismo

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : HYBRID ELECTRIC

Descriptive Information : Affected vehicles have been identified through production records. The vehicle populations prior to the recalled vehicle production period did not have the Teroson sealant and thus are not subject to the failure mode of the recall population. Vehicle populations subsequent to the recalled vehicle production period have an enhanced Teroson sealant and thus are not subject to the failure mode as the recall population.

Production Dates : OCT 13, 2022 - MAY 10, 2023

VIN Range 1 : Begin : WPOBC2Y1XPSA68025 End : WPOBC2Y16PSA68152 Not sequential

Vehicle 10 : 2023-2023 Porsche Taycan GTS Sport Turismo

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : HYBRID ELECTRIC

Descriptive Information : Affected vehicles have been identified through production records. The vehicle populations prior to the recalled vehicle production period did not have the Teroson sealant and thus are not subject to the failure mode of the recall population. Vehicle populations subsequent to the recalled vehicle production period have an enhanced Teroson sealant and thus are not subject to the failure mode as the recall population.

Production Dates : OCT 05, 2022 - AUG 03, 2023

VIN Range 1 : Begin : WPOCD2Y16PSA90038 End : WPOCD2Y17PSA90288 Not sequential

Description of Defect :

Description of the Defect : Under certain circumstances there is a possibility that over time liquid can intrude into the high voltage battery of certain Taycan vehicles.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Over time, if a sufficient amount of conductive liquid accumulates in the battery, arcing can occur, which could increase the risk of a thermal event.

Description of the Cause : Insufficiently robust sealant of the high voltage battery can lead to the defect condition.

Identification of Any Warning that can Occur : If liquid enters the battery, a drop in insulation resistance results. If the insulation resistance value drops below a defined threshold over time, a yellow warning message is displayed in the vehicle. If the insulation value continues to drop below a defined threshold over time, a red warning message is displayed in the vehicle.

Involved Components :

Component Name 1 : High Voltage Battery

Component Description : High Voltage Battery

Component Part Number : 9J1.915.099.**

Component Name 2 : High Voltage Battery

Component Description : High Voltage Battery

Component Part Number : 9J1.915.100.**

Supplier Identification :

Component Manufacturer

Name : DRÄXLMAIER Group

Address : Landshuter Straße 100

Vilsbiburg Foreign States 84137

Country : Germany

Chronology :

Beginning in 2022 Porsche became aware of a limited number of non-U.S. field cases involving reduced insulation resistance values, some of which indicated liquid intrusion into the battery. None of these incidents resulted in a fire or thermal event of Porsche vehicles. In September 2022 a Teroson sealant was incorporated into the battery production process for Taycan vehicles in an effort to increase battery sealing robustness.

In March 2023 Porsche began receiving reports of reduced insulation resistance values in vehicles with the Teroson sealant outside of the U.S., and in April 2023 one incident in the U.S. was reported.

Porsche continued investigating the cause of the liquid intrusion and concluded that a further enhanced Teroson sealant should be added to the battery. The enhanced Teroson sealant was added in May 2023 in the production process of the supplier. There have been no reports of liquid intrusion in vehicles with the enhanced Teroson sealant added.

Porsche continued to receive reports of reduced insulation resistance values in vehicles with the original Teroson sealant. In July and August 2023 two additional U.S. incidents were reported. These incidents were reported when reduced insulation resistance values lead to warning messages displayed in the vehicle causing vehicle owners to bring their vehicles to workshops for repair, at which time liquid in the battery was detected. None of these incidents involved a fire or thermal event. On August 25, 2023, in an abundance of caution Porsche has determined to conduct a recall of these vehicles with the original Teroson sealant.

Description of Remedy :

Description of Remedy Program : Porsche will conduct leak testing to detect the potential for leakage into the battery. If testing indicates the potential for leakage, the battery will be replaced.

The owner's letter will not include a statement about customer reimbursement for pre-notification remedies as all of the affected vehicles are still covered under Porsche New Car Limited Warranty.

How Remedy Component Differs from Recalled Component : The remedy component includes an enhanced Teroson sealant.

Identify How/When Recall Condition was Corrected in Production : The enhanced Teroson sealant was incorporated into battery production in May 2023.

Recall Schedule :

Description of Recall Schedule : Owner's will be notified of the Recall within 60 days of the filing of this report. If no remedy is available at that time, an interim notification will be sent, followed by a final remedy notification when the remedy becomes available.

Planned Dealer Notification Date : SEP 15, 2023 - SEP 15, 2023

Planned Owner Notification Date : OCT 31, 2023 - OCT 31, 2023

* NR - Not Reported