



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V080

Manufacturer Name: Volkswagen Group of America, Inc.

Submission Date: Jul 09, 2025

NHTSA Recall No.: 25V080

Manufacturer Recall No.: 93AA

Manufacturer Information

Population

Manufacturer Name: Volkswagen Group of
America, Inc.

Address: 3800 Hamlin Road
Auburn Hills MI, 48326

Total number of potentially involved: 20,201

Estimated percentage with defect: 1%

Vehicle Information

Vehicle 1: 2022-2022 AUDI A7 E

Product Category: Light Vehicles

Product Type:

Fuel / Propulsion: Hybrid Electric Vehicle

Production Dates: Jul 02, 2021 - May 04, 2022

Number of potentially involved: 10

Descriptive Information:

The recall population was determined by comparing the potentially affected modules from the supplier to the production records of high-voltage batteries in vehicle assembly. The recalled vehicles are equipped with high-voltage batteries from that specific production period. Vehicles not included in the recall are equipped with high-voltage batteries produced after the clean point at the supplier.

Vehicle 2: 2021-2024 AUDI Q5

Product Category:

Product Type:

Fuel / Propulsion: Hybrid Electric Vehicle

Production Dates: Feb 11, 2021 - Aug 31, 2024

Number of potentially involved: 20,191

Descriptive Information:

The recall population was determined by comparing the potentially affected modules from the supplier to the production records of high-voltage batteries in vehicle assembly. The recalled vehicles are

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equipped with high-voltage batteries from that specific production period. Vehicles not included in the recall are equipped with high-voltage batteries produced after the clean point at the supplier.

Defect / Noncompliance Description

Description of the defect or noncompliance:

In rare circumstances the high-voltage battery modules may experience a thermal overload possibly resulting in smoke or fire.

FMVSS1:

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

Defective high-voltage battery cell modules may overheat, increasing the risk of a fire.

Description of the cause:

The joint analysis with the supplier demonstrated a complex failure mechanism. One root cause could not be determined despite extensive cell/module and vehicle data analysis. Current analysis results show that certain manufacturing deviations may have occurred at the supplier of the battery modules. These deviations may result in the cell's cathode inducing micro-defects and/or local stresses in the cell's separator layer. These micro-defects and local stresses may damage the separator.

Identification of any warning that can occur:

No warning will occur.

Component Manufacturer

Tier of Supplier:

Supplier Type:

Name: Samsung SDI

Address: Schenek István u. 1
Goed Foreign States, 2131

Country: Hungary

Involved Components

Component Name 1: High Voltage Battery

Component Description: High Voltage Battery

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Chronology

November 20, 2024: The Audi Product Safety Committee determined a safety defect recall for vehicles within a defined production period based on a clean date at the supplier's battery cell production facility (clean date November 2021). January 28, 2025: The supplier informed Audi about a potential additional failure mechanism, which was described as 'separator damage' that could cause thermal events within the battery cell. The supplier introduced a process improvement in production in March 2023, improving the robustness regarding this potential damage within the cell. As a result of the new clean date, additional vehicles may be affected by the recall condition. Audi determined the potentially affected new population together with the supplier. February 10, 2025: The Audi Product Safety Committee determined a safety defect recall for the additional potentially affected vehicles. As of February 10, 2025 Audi is not aware of any injuries, crashes or fires due to this issue in the United States market. April 2025: AUDI AG was informed by the supplier that a certain amount of high-voltage batteries had not been evaluated when determining the original affected vehicle population of the recall. The VIN data was audited for accuracy and it was found that additional vehicles have to be added to the population based on the updated information from the supplier and further internal checks. The Audi Product Safety Committee confirmed the addition of these vehicles into the recall on April 09, 2025.

Amendment information: July 09, 2025:

February 10, 2025: The Audi Product Safety Committee determined an extension for the safety defect recall for vehicles within a defined production period based on a clean date at the supplier's battery cell production facility (clean date March 2023).

February and March, 2025: Audi became aware of two new field cases, which of one is confirmed, outside the United States involving vehicles produced after the revised clean date in March 2023. Analysis of these cases, along with further investigations by the supplier, indicated additional factors potentially contributing to separator damage—an issue that could lead to thermal events within the battery cell.

June 16, 2025: The supplier informed Audi of a revised clean date. In January and February 2024, the supplier had implemented further process improvements to minimize tension differences between anode and cathode materials during the slitting process. Additionally, in May 2024, the logistics chain for cathode material was optimized to prevent degradation due to incorrect temperature exposure.

As a result of the updated clean date, additional vehicles may now be affected by the recall condition. Audi, in collaboration with the supplier, identified the newly impacted vehicle population.

Date of determination: July 02, 2025

As of July 02, 2025 Audi is not aware of any injuries, crashes or fires due to this issue in the United States market.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Software

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Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

The final remedy will be the installation of an advanced onboard diagnostic software. This software detects potential issues with the performance of the battery modules and alerts the driver before problems may occur. The software is expected to be available in the second quarter of CY 2025.

As an interim remedy for vehicles with available online data (customers with enrolled vehicles), if the online data indicates a critical module, the affected modules or high-voltage batteries must be replaced. In this scenario, the customer will be asked to come to the workshop and will be instructed not to charge the vehicle from external sources until the affected modules or high-voltage battery can be replaced.

As an interim remedy for vehicles without online data, the customer will be instructed not to charge the vehicle from external sources until the new software becomes available.

As some vehicles may already be outside of warranty, Audi will offer a reimbursement plan under this recall.

There is a technical distinction between batteries produced before and after the introduction of the relevant UNECE regulation:

Until now, the recall only applied to vehicles equipped with batteries manufactured prior to the regulation's implementation. For these vehicles, a software update has been available and has been rolled out since second quarter of CY 2025. This also applies to some vehicles included in the extension.

With the supplier's updated clean date, vehicles with batteries produced after the UNECE was introduced are now also affected. The final remedy will also be an advanced onboard diagnostic software, currently under development, and expected to be available till the end of third quarter CY 2025.

How remedy component differs from recalled component:

The final remedy will be a new diagnostic software with the ability to detect potential issues related to changes in battery module performance and to warn the driver before problems may occur.

Identify how/when recall condition was corrected in production:

In order to detect potential manufacturing deviations in the production process, the battery cell supplier has implemented an optical inspection system to detect potential damage during the production process and a 100% X-ray inspection at the cell level in November 2021.

In March 2023 the supplier introduced a process control to improve the 'Cathode anchor length'. This introduction led to more robustness regarding separator damage within a cell.

In January and February 2024 the supplier introduced an improvement in the slitting process of the anode and cathode material to avoid difference of material tension in each step of the slitting process.

In May 2025, the logistics chain for the cathode material was adjusted to prevent material degradation caused by incorrect temperatures.

Due to the complex structure from the individual battery cell to the high-voltage battery and the associated supply chain, potentially affected batteries may have been installed in vehicle production until October 2023.

Reimbursement Plan

Part 573 Safety Recall Report**25V080****Description of reimbursement program:****Period of reimbursement:****Costs to be reimbursed:****Address for reimbursement claims:****Recall Schedule****Description of recall schedule:**

Dealers: On or before February 14, 2025. Owners on or before April 11, 2025.

Planned Dealer Notification Date:☐ No Dealers**Planned Interim Owner Notification Date:**☐ No Owners**Planned Remedy Owner Notification Date:**☒ Phased Recall**Date when VIN will be searchable:**