Part 573 Safety Recall Report 24V-726

Manufacturer Name : Volkswagen Group of America, Inc.
Submission Date : SEP 30, 2024
NHTSA Recall No. : 24V-726
Manufacturer Recall No. : 931A/931B

Manufacturer Information :

Manufacturer Name : Volkswagen Group of America, Inc.
Address : 3800 Hamlin Road
Auburn Hills MI 48326
Company phone : 1-800-893-5298

Population :

Number of potentially involved : 6,499
Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2024 AUDI RS E-TRON GT
Vehicle Type :
Body Style :
Power Train : NR
Descriptive Information : The recall population was determined by data analytics to identify affected clusters of production and includes vehicles that are equipped with a potentially suspect high-voltage battery. Vehicles not included in the recall are not equipped with potentially suspect high-voltage battery.
The recalled products differ from products that were not included in the recall by specific production parameters and production records.
RS E-TRON GT: 1519
Production Dates : MAR 18, 2021 - FEB 15, 2024
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 2 : 2022-2024 AUDI E-TRON GT
Vehicle Type :
Body Style :
Power Train : NR
Descriptive Information : The recall population was determined by data analytics to identify affected clusters of production and includes vehicles that are equipped with a potentially suspect high-voltage battery. Vehicles not included in the recall are not equipped with potentially suspect high-voltage battery.
The recalled products differ from products that were not included in the recall by specific production parameters and production records.
E-TRON GT: 4980
Production Dates : MAR 26, 2021 - DEC 22, 2023
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Description of Defect :

Description of the Defect :	Certain high-voltage batteries may experience short circuits within the battery modules, which can lead to thermal events and, in some cases, fires.
FMVSS 1 :	NR
FMVSS 2 :	NR
Description of the Safety Risk :	A short circuit in the high-voltage battery module can increase the risk of a thermal event or fire.
Description of the Cause :	The root cause analysis suggests that production issues in high-voltage battery modules can increase the risk of internal short circuits.
Identification of Any Warning that can Occur :	There are no warnings.

Involved Components :

Component Name 1 :	Cell block module in high-voltage battery
Component Description :	Cell block module in high-voltage battery
Component Part Number :	9J1915592J/9J1915591J

Supplier Identification :

Component Manufacturer

Name :	LG ENERGY SOLUTION WROCLAW sp. z o.o.
Address :	LG 1A Biskupice Podgorne, Kobierzyce Foreign States 55-040
Country :	Poland

Chronology :

This is an expansion of a prior recall.
On March 15, 2024 Audi decided two recalls, 93VM and 93VN (NHTSA recall identification codes 24V-229 and 24V-228). As a precautionary measure, Audi and Porsche decided to continue data analytics and hardware analyses.
Under the previous recalls, vehicle battery data was obtained and analysed to determine the necessity for a possible HV battery module replacement. Affected high-voltage battery modules were replaced and the recall was closed. However, new findings show that individual cells in the modules of the HV battery can change over the course of their lifetime, which requires continuous monitoring. We are therefore adapting our previous approach accordingly.

On September23, 2024, the Audi Product Safety committee decided a new safety-recall under two codes (Audi recall codes 931A and 931B). As a final remedy, an on-board diagnostic software will be installed on the vehicles to detect any future high-voltage battery module data anomalies. In case of anomalies, the affected modules in the high-voltage battery will be replaced.
Audi has already transferred vehicles affected by the 93VM or 93VN recalls to the current recall.
As of 09/30/2024 Audi is not aware of any customer complaint, injuries, crashes, or fires due to this issue.
Date of determination: September 23, 2024

Description of Remedy :

Description of Remedy Program :	The final remedy will be the installation of advanced onboard diagnostic software that will detect potential issues related to changes in battery module performance and will warn the driver before problems can develop. This software is expected to become available in the 1st quarter of CY 2025. For vehicles where online-data is available (931A), the vehicles can be closely monitored through online data evaluation (customers with enrolled vehicles). Where the online data shows a potentially critical battery module, the customer will be contacted and advised to only charge the vehicle at 80% charging capacity until the affected module can be replaced at an authorized Audi dealer. For vehicles where online-data is not available (931B), as an interim measure, dealers will perform diagnostic procedures and, if necessary, replace battery module assemblies at no cost to owners. Owners of these vehicles will also be advised to only charge their vehicle up to 80% charging capacity, and the inspection may have to be repeated before the software becomes available. Audi will offer a reimbursement program under this recall.
How Remedy Component Differs from Recalled Component :	The software that will be installed in affected vehicles will have the ability to detect potential issues related to changes in battery module performance before a thermal event may develop and warn the driver accordingly. The software is expected to become available in the 1st quarter of CY 2025.
Identify How/When Recall Condition was Corrected in Production :	According to supplier information, cell modules produced after May 27, 2023 are not subject to this recall.

Recall Schedule :

Description of Recall Schedule :	Dealers: on or before October 02, 2024 ; owners on or before November 29, 2024
Planned Dealer Notification Date :	OCT 02, 2024 - OCT 02, 2024
Planned Owner Notification Date :	NOV 29, 2024 - NOV 29, 2024

* NR - Not Reported