

Part 573 Safety Recall Report

24V-251

Manufacturer Name : Volkswagen Group of America, Inc.**Submission Date :** APR 03, 2024**NHTSA Recall No. :** 24V-251**Manufacturer Recall No. :** 69GU**Manufacturer Information :****Population :**

Manufacturer Name : Volkswagen Group of America, Inc.

Number of potentially involved : 91

Address : 3800 Hamlin Road

Estimated percentage with defect : 100 %

Auburn Hills MI 48326

Company phone : 1-800-893-5298

Vehicle Information :

Vehicle 1 : 2023-2023 AUDI S5 CABRIOLET

Vehicle Type :

Body Style :

Power Train : NR

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

The recalled products differ from products that were not included in the recall because the affected control units have been clearly identified by the supplier and can be precisely assigned to the affected vehicles. Therefore, vehicles not included in the recall are not equipped with affected control units.

S5 CABRIOLET: 1

Production Dates : FEB 02, 2023 - FEB 02, 2023

VIN Range 1 : Begin : WAUY4GF51PN003406 End : WAUY4GF51PN003406 Not sequential

Vehicle 2 : 2023-2023 AUDI A4 ALLROAD

Vehicle Type :

Body Style :

Power Train : NR

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

The recalled products differ from products that were not included in the recall because the affected control units have been clearly identified by the supplier and can be precisely assigned to the affected vehicles. Therefore, vehicles not included in the recall are not equipped with affected control units.

A4 ALLROAD: 1

Production Dates : JUL 07, 2023 - JUL 07, 2023

VIN Range 1 : Begin : WA18AAF47PA082534 End : WA18AAF47PA082534 Not sequential

Vehicle 3 : 2024-2024 AUDI A8

Vehicle Type :

Body Style :

Power Train : NR

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

The recalled products differ from products that were not included in the recall because the affected control units have been clearly identified by the supplier and can be precisely assigned to the affected vehicles. Therefore, vehicles not included in the recall are not equipped with affected control units.

A8: 1

Production Dates : NOV 16, 2023 - NOV 16, 2023

VIN Range 1 : Begin : WAULDAF82RN006089 End : WAULDAF82RN006089 Not sequential

Vehicle 4 : 2024-2024 AUDI E-TRON QUATTRO

Vehicle Type :

Body Style :

Power Train : NR

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

The recalled products differ from products that were not included in the recall because the affected control units have been clearly identified by the supplier and can be precisely assigned to the affected vehicles. Therefore, vehicles not included in the recall are not equipped with affected control units.

E-TRON QUATTRO: 4

Production Dates : FEB 13, 2023 - FEB 23, 2023

VIN Range 1 : Begin : WA16ABGE9RB004144 End : WA16ABGE1RB004476 Not sequential

Vehicle 5 : 2024-2024 AUDI E-TRON SPORTBACK QUATTRO

Vehicle Type :

Body Style :

Power Train : NR

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

The recalled products differ from products that were not included in the recall because the affected control units have been clearly identified by the supplier and can be precisely assigned to the affected vehicles. Therefore, vehicles not included in the recall are not equipped with affected control units.

E-TRON SPORTBACK QUATTRO: 1

Production Dates : FEB 13, 2023 - FEB 13, 2023

VIN Range 1 : Begin : WA1DABGE6RB004111 End : WA1DABGE6RB004111 Not sequential

Vehicle 6 : 2023-2024 AUDI Q3

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production records.
The recalled products differ from products that were not included in the recall because the affected control units have been clearly identified by the supplier and can be precisely assigned to the affected vehicles. Therefore, vehicles not included in the recall are not equipped with affected control units.
Q3: 24

Production Dates : JAN 28, 2023 - OCT 25, 2023

VIN Range 1 : Begin : WA1EECF31P1089909 End : WA1BUCF34R1051793 Not sequential

Vehicle 7 : 2023-2024 AUDI Q5

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production records.
The recalled products differ from products that were not included in the recall because the affected control units have been clearly identified by the supplier and can be precisely assigned to the affected vehicles. Therefore, vehicles not included in the recall are not equipped with affected control units.
Q5: 36

Production Dates : JAN 27, 2023 - NOV 29, 2023

VIN Range 1 : Begin : WA1GAAFY2P2097712 End : WA1BBAFY1R2052870 Not sequential

Vehicle 8 : 2023-2023 AUDI Q5 SPORTBACK

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production records.
The recalled products differ from products that were not included in the recall because the affected control units have been clearly identified by the supplier and can be precisely assigned to the affected vehicles. Therefore, vehicles not included in the recall are not equipped with affected control units.
Q5 SPORTBACK: 1

Production Dates : JAN 28, 2023 - JAN 28, 2023

VIN Range 1 : Begin : WA15AAFY2P2098737 End : WA15AAFY2P2098737 Not sequential

Vehicle 9 : 2023-2024 AUDI Q7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production records.
The recalled products differ from products that were not included in the recall because the affected control units have been clearly identified by the supplier and can be precisely assigned to the affected vehicles. Therefore, vehicles not included in the recall are not equipped with affected control units.
Q7: 9

Production Dates : JUN 08, 2023 - OCT 23, 2023

VIN Range 1 : Begin : WA1VXBF77PD026190 End : WA1ACBF7XRD005735 Not sequential

Vehicle 10 : 2024-2024 AUDI Q8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production records.
The recalled products differ from products that were not included in the recall because the affected control units have been clearly identified by the supplier and can be precisely assigned to the affected vehicles. Therefore, vehicles not included in the recall are not equipped with affected control units.
Q8:2

Production Dates : OCT 18, 2023 - OCT 19, 2023

VIN Range 1 : Begin : WA1BVBF10RD001428 End : WA1CVBF13RD001461 Not sequential

Vehicle 11 : 2023-2023 AUDI A3 SEDAN

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production records.
The recalled products differ from products that were not included in the recall because the affected control units have been clearly identified by the supplier and can be precisely assigned to the affected vehicles. Therefore, vehicles not included in the recall are not equipped with affected control units.
A3 SEDAN: 2

Production Dates : JUN 13, 2023 - JUN 13, 2023

VIN Range 1 : Begin : WAUGUDGYXPA146395 End : WAUAUDGY8PA146675 Not sequential

Vehicle 12 : 2024-2024 AUDI RSQ8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production records.
The recalled products differ from products that were not included in the recall because the affected control units have been clearly identified by the supplier and can be precisely assigned to the affected vehicles. Therefore, vehicles not included in the recall are not equipped with affected control units.
RSQ8: 1

Production Dates : OCT 13, 2023 - OCT 13, 2023

VIN Range 1 : Begin : WU1ARBF13RD001223 End : WU1ARBF13RD001223 Not sequential

Vehicle 13 : 2023-2023 AUDI S5 SPORTBACK

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production records.
The recalled products differ from products that were not included in the recall because the affected control units have been clearly identified by the supplier and can be precisely assigned to the affected vehicles. Therefore, vehicles not included in the recall are not equipped with affected control units.
S5 SPORTBACK: 2

Production Dates : JUL 07, 2023 - JUL 20, 2023

VIN Range 1 : Begin : WAUC4CF55PA069337 End : WAUB4CF55PA069348 Not sequential

Vehicle 14 : 2023-2023 AUDI SQ7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production records.
The recalled products differ from products that were not included in the recall because the affected control units have been clearly identified by the supplier and can be precisely assigned to the affected vehicles. Therefore, vehicles not included in the recall are not equipped with affected control units.
SQ7: 1

Production Dates : JUN 08, 2023 - JUN 08, 2023

VIN Range 1 : Begin : WA1AWBF75PD026416 End : WA1AWBF75PD026416 Not sequential

Vehicle 15 : 2023-2023 AUDI TT COUPE

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production records.
The recalled products differ from products that were not included in the recall because the affected control units have been clearly identified by the supplier and can be precisely assigned to the affected vehicles. Therefore, vehicles not included in the recall are not equipped with affected control units.
TT COUPE: 2

Production Dates : FEB 03, 2023 - FEB 06, 2023

VIN Range 1 : Begin : TRUA1AFV6P1004915 End : TRUA1AFV9P1004925 Not sequential

Vehicle 16 : 2023-2023 AUDI TT ROADSTER

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production records.
The recalled products differ from products that were not included in the recall because the affected control units have been clearly identified by the supplier and can be precisely assigned to the affected vehicles. Therefore, vehicles not included in the recall are not equipped with affected control units.
TT ROADSTER: 2

Production Dates : JAN 30, 2023 - FEB 06, 2023

VIN Range 1 : Begin : TRUTECFVXP1004795 End : TRUTECFV9P1004920 Not sequential

Vehicle 17 : 2023-2023 AUDI RS5 SPORTBACK

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production records.
The recalled products differ from products that were not included in the recall because the affected control units have been clearly identified by the supplier and can be precisely assigned to the affected vehicles. Therefore, vehicles not included in the recall are not equipped with affected control units.
RS5 SPORTBACK: 1

Production Dates : JUL 11, 2023 - JUL 11, 2023

VIN Range 1 : Begin : WUAAWCF51PA904311 End : WUAAWCF51PA904311 Not sequential

Description of Defect :

Description of the Defect : Pins inside the passenger seat occupant detection system control module were not soldered to the circuit board correctly. This can lead to an interruption in communication between the passenger seat occupant detection system control module and the airbag control module. In combination with vibrations or similar events, the pins may no longer have contact to the circuit board due to the missing solder connection. If the airbag control unit detects the fault, it switches into fail-safe mode and deactivates the passenger airbag. In a crash, there would be an increased risk of injury to the occupant seated in the front passenger seat if the passenger frontal airbag is switched off or not working.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In a crash, there would be an increased risk of injury to the occupant seated in the front passenger seat if the passenger frontal airbag is switched off or not working.

Description of the Cause : At the responsible delivery company, control units from several manufacturers are soldered on a production line. When the soldering program was switched to another manufacturer, there were still Audi control units on the production line. The control unit of the other manufacturer does not have 3 specific pins, which is why these were not soldered on the Audi control units.

Identification of Any Warning that can Occur : If the recall condition occurs, the yellow airbag warning light will illuminate, and the airbag control module switches to the fail-safe mode, deactivating the passenger frontal airbag. If this happens, owners are advised to contact an authorized Audi dealer without delay to have the vehicle diagnosed.

Involved Components :

Component Name 1 : Control unit seat recognition

Component Description : Control unit seat recognition

Component Part Number : 4M0 959 339

Supplier Identification :**Component Manufacturer**

Name : IEE S.A.

Address : 1, rue du Campus

Bissen Foreign States 7795

Country : Luxembourg

Chronology :

November 2023 - March 2024: On November 24, 2023 a deviation in the soldering process at the supplier was identified during a field analysis. The issue was brought to the attention of Audi on December 7, 2023 and the investigation regarding the potential implications and the potentially affected vehicles was started immediately together with the supplier. The topic was reported to the Audi Product Safety Committee and an in-depth analysis of the topic was facilitated.

Concurrently, efforts were underway at the supplier's end to rectify the issue. On February 27, 2024, the supplier enhanced their automated optical inspection process in the production line, marking a significant step towards issue resolution.

March 27, 2024: After thorough deliberation and analysis, the Audi Product Safety committee made the determination of a safety defect due to the potential impact on the passenger airbag's deployment in case of a crash.

As of April 03, 2024 Audi is aware of two related warranty claims, but Audi is not aware of any injuries, crashes or fires due to this issue.

Date of determination: March 27, 2024

Description of Remedy :

Description of Remedy Program : The passenger seat occupant detection system control module will be replaced in the affected vehicles.

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 control module is being replaced with a new one of the same model, which has been correctly produced.

Identify How/When Recall Condition was Corrected in Production : The supplier has enhanced the automated optical inspection process on the production line to identify unsoldered pins. This was implemented on February 27, 2024.

Recall Schedule :

Description of Recall Schedule : Dealers: On or before April 05, 2024 / Owners on or before May 31, 2024

Planned Dealer Notification Date : APR 05, 2024 - APR 05, 2024

Planned Owner Notification Date : MAY 31, 2024 - MAY 31, 2024

* NR - Not Reported