

Part 573 Safety Recall Report

21V-707

Manufacturer Name : Volkswagen Group of America, Inc.**Submission Date :** SEP 13, 2021**NHTSA Recall No. :** 21V-707**Manufacturer Recall No. :** 47R7**Manufacturer Information :****Population :**

Manufacturer Name : Volkswagen Group of America, Inc.

Number of potentially involved : 38

Address : 3800 Hamlin Road

Estimated percentage with defect : 100 %

Auburn Hills MI 48326

Company phone : 1-800-893-5298

Vehicle Information :

Vehicle 1 : 2021-2021 Audi E-TRON QUATTRO

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Vehicle assembly information and supplier production records were reviewed to determine the potentially affected vehicles. Vehicles not included in the recall have not received affected parts or have already been remedied in the factory or port.
E-TRON QUATTRO count: 27

Production Dates : JUL 01, 2021 - JUL 08, 2021

VIN Range 1 : Begin : WA1LAAGE8MB038727 End : WA1VAAGE1MB040974 Not sequential

Vehicle 2 : 2021-2021 Audi E-TRON SPORTBACK QUATTRO

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Vehicle assembly information and supplier production records were reviewed to determine the potentially affected vehicles. Vehicles not included in the recall have not received affected parts or have already been remedied in the factory or port.
E-TRON SPORTBACK QUATTRO count: 11

Production Dates : JUL 05, 2021 - JUL 08, 2021

VIN Range 1 : Begin : WA13AAGE2MB038903 End : WA12AAGE2MB040727 Not sequential

Description of Defect :

Description of the Defect : An electronic component in the brake servo which was not manufactured according to the specifications could corrode during the vehicle's service life and lead to functional issues with the brake servo causing a functional impairment of brake assist, ABS, electronic stability control and the speed indicator in the instrument cluster. Full mechanical braking without brake boost is still available.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : "Full mechanical braking without brake boost is still possible but customers may experience increased brake pedal effort, hard brake pedal, an extended braking distance. In combination with the loss of ABS and ESC functionalities, this could increase the risk of a crash. "

Description of the Cause : Due to a process error during the sub-suppliers production of wafers for the flexray transceiver (a component within the electromechanical brake booster), parts that have not undergone all cleaning steps were installed in brake boosters for a limited time. This may lead to corrosion on the affected parts and consequently cause short-circuits or interruptions within the component.

Identification of Any Warning that can Occur : A failure of the brake booster will be indicated by a warning message in the vehicle's instrument cluster. Customers are advised that if this occurs they should contact an authorized Audi dealer without delay and make arrangements to have the vehicle diagnosed to identify and correct the issue that caused the warning light to come on.

Involved Components :

Component Name 1 : Integrated brake system

Component Description : Brake booster

Component Part Number : 4KE.614.100 *

Supplier Identification :

Component Manufacturer

Name : Continental

Address : 1830 MacMillan Park Dr.
Fort Mill

South Carolina 29707

Country : United States

Chronology :

mid July 2021: The supplier informed Audi about the issue and the potentially affected parts.

July - August 2021: Immediate investigation regarding affected vehicles and further analysis with the supplier regarding root cause, remedy and countermeasure. The investigation showed that affected parts may also have been installed on vehicles already in the field. Therefore the topic was reported to the Audi Product Safety Committee.

September 06, 2021: The topic is presented to the Audi Product Safety Committee and the determination of a safety defect is made. A worldwide voluntary safety recall is decided.

To date, Audi is not aware of any field incidents or warranty claims worldwide due to this issue.

Description of Remedy :

Description of Remedy Program : The brake booster will be replaced at no cost to customers. Because the vehicles are within the New Vehicle Limited Warranty period, Audi will not offer a reimbursement program under this recall.

How Remedy Component Differs from Recalled Component : The remedy components have been built outside of the suspect period and within the required specification.

Identify How/When Recall Condition was Corrected in Production : Vehicles produced on or after July 14, 2021 have received parts that have been built within specification.

Recall Schedule :

Description of Recall Schedule : Dealers/Owners: On or before November 12, 2021

Planned Dealer Notification Date : NOV 12, 2021 - NOV 12, 2021

Planned Owner Notification Date : NOV 12, 2021 - NOV 12, 2021

* NR - Not Reported