

Part 573 Safety Recall Report

24V-621

Manufacturer Name : Volkswagen Group of America, Inc.

Submission Date : AUG 19, 2024

NHTSA Recall No. : 24V-621

Manufacturer Recall No. : 46P6



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 : 206

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2019 Audi E-TRON QUATTRO

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on certain parameters defined by the supplier and production deviations that occurred in 2019.

The recalled products are equipped with parts from that specific production period, vehicles not included in the recall are equipped with parts from outside that period.

Production Dates : MAY 28, 2019 - OCT 23, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : It is possible that the bolt connection from the input rod on the brake pedal to the actuator rod on the brake booster was not performed according to manufacturing specifications. Because of this, the screw connection may disconnect. In such a case, the mechanical coupling of the brake pedal and brake booster may no longer be guaranteed.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If a complete separation would occur, vehicle braking would only be possible using the emergency braking function, increasing the risk of a crash.

Description of the Cause : The cause is a deviation in the screwdriving station at the responsible supplier company due to a malfunction in the production plant. This could lead to an improper connection of the input rod on the brake pedal to the operating rod on the brake booster.

Identification of Any Warning : After applying and releasing the brake pedal, the customer may notice an

that can Occur : unusual noise or the brake pedal does not return to its original position. In the event of a complete loosening of the screw fitting an the separation of the connection, braking is only possible by using the emergency braking function. Customers are reminded to consult the owner's manual for information regarding the emergency braking function.

Involved Components :

Component Name 1 : Brake booster

Component Description : Brake booster

Component Part Number : 4KE 614 100 AC/AF

Supplier Identification :

Component Manufacturer

Name : Continental

Address : 1830 MacMillan Park Dr.
Fort Mill South Carolina 29707

Country : United States

Chronology :

In February 2024 the Audi Product Safety Committee was notified about a potential issue with the bolt connection of the pressure rod between the brake pedal and brake booster after 3 customer complaints were received from European markets about unusual brake noises and brake pedal reset. A detailed analysis was started together with the supplier to understand the root cause, influential factors and the potential scope.

February - August 2024: For the investigation, parts from the field were collected and screened along with sample parts out of production.

Comprehensive component analyses were carried out. External screwjoint experts were also consulted to support this process. On the basis of these findings, parameters were defined that form the basis for limiting the affected vehicle volume and various process optimizations at the responsible delivery company were installed accordingly.

August 12, 2024: The Audi Product Safety Committee decided a safety recall for the potentially affected vehicles.

As of August 19, 2024 Audi is not aware of any injuries, crashes or fires due to this issue.

Date of determination: August 12, 2024

Description of Remedy :

Description of Remedy Program : The brake booster on the affected vehicles will be replaced by a new part produced according to specification.

Audi will offer a reimbursement plan under this recall.

How Remedy Component Differs from Recalled Component : The potentially affected brake boosters will be replaced with new brake boosters of the same type. The new part is produced according to specifications.

Identify How/When Recall Condition was Corrected in Production : Final optimizations in the manufacturing process at the responsible supplier company were installed in 04/2024.

Recall Schedule :

Description of Recall Schedule : Dealers: on or before August 21, 2024. Owners on or before October 18, 2024.

Planned Dealer Notification Date : AUG 21, 2024 - AUG 21, 2024

Planned Owner Notification Date : OCT 18, 2024 - OCT 18, 2024

* NR - Not Reported