

Part 573 Safety Recall Report

24V-428

Manufacturer Name : Volkswagen Group of America, Inc.**Submission Date :** JUN 10, 2024**NHTSA Recall No. :** 24V-428**Manufacturer Recall No. :** 47DE**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 : 65

Estimated percentage with defect : 5 %

Vehicle Information :

Vehicle 1 : 2024-2024 AUDI Q8 SPORTBACK 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 in the affected vehicles, the brake line may not have been correctly assembled.

Q8 SPORTBACK E-TRON QUATTRO: 17

Production Dates : MAY 16, 2023 - MAR 15, 2024

VIN Range 1 : Begin : WA1DABGE4RB017357 End : WA1CAAGE5RB060532 Not sequential

Vehicle 2 : 2024-2024 AUDI Q8 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 in the affected vehicles, the brake line may not have been correctly assembled.

Q8 E-TRON QUATTRO: 48

Production Dates : MAY 03, 2023 - MAR 04, 2024

VIN Range 1 : Begin : WA16ABGE0RB014500 End : WA15AAGE9RB057335 Not sequential

Description of Defect :

Description of the Defect : A potentially overtightened brake line connection can cause premature damages and can result in a brake fluid leak and cause the affected brake circuit to fail.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If this happens, vehicle braking performance will be decreased, increasing the risk of a crash.

Description of the Cause : In the affected vehicle population, during production rework of the junction point between the brake lines and the use of an electronically monitored screwing tool was necessary. This connection may have been screwed with a too high torque, due to a wrong handling process of the tool. Due to overload, the flange of the line may break.

Identification of Any Warning that can Occur : If the recall condition is present in the vehicle, brake pedal travel may be extended and the "Brake fluid level low" warning message will appear in the vehicle display due to the reduced quantity of braking fluid. Due to the diagonal distribution of the two brake circuits, the vehicle can still be slowed with reduced braking power using a front wheel brake and a rear wheel brake.

Involved Components :

Component Name 1 : Brake pressure line

Component Description : Brake pressure line

Component Part Number : 4KL.614.724.C

Supplier Identification :**Component Manufacturer**

Name : TI GROUP AUT.SYST. S.R.O.

Address : Neprevaska 147

Mlada Boleslav Foreign States CZE-29301

Country : Czech Republic

Chronology :

January 2024: A case was identified in Europe where a warning message in a vehicle indicated a low brake fluid level.

The analysis revealed that a junction point between the brake lines might have been fastened with too high torque due to improper handling of a screwing tool. This tool is occasionally required during the rework of the junction point between the brake lines in the production process.

In response, adjustments were made to the rework process on the assembly line and in the finish.

February 2024: Laboratory analysis of the damaged part found no material defects or contamination.

Additional adjustments were made to the rework process, and a report was made to the Product Safety Committee, initiating several analyses and safeguarding measures.

June 03, 2024: The Product Safety Committee decided to issue a recall to inspect and repair the vehicles in the field. This decision was based on the potential risk posed by the deviation, with the priority being the safety of Audi's customers.

As of June 10, 2024, Audi is not aware of any customer complaint, injuries, crashes or fires due to this issue in the United States.

Date of determination: June 03, 2024

Description of Remedy :

Description of Remedy Program : Inspect brake pressure line coupling points and, if necessary, replace the affected brake pressure line. 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 brake lines identified as needing replacement will be replaced with new brake lines of the same type. The difference between the remedy component and the recalled component is that the remedy component will have properly torqued connection points.

Identify How/When Recall Condition was Corrected in Production : Optimization of rework torque wrench against incorrect operation. Use in production from 02/2024.

Recall Schedule :

Description of Recall Schedule : Dealers: on or before June 12, 2024. Owners on or before August 09, 2024.

Planned Dealer Notification Date : JUN 12, 2024 - JUN 12, 2024

Planned Owner Notification Date : AUG 09, 2024 - AUG 09, 2024

* NR - Not Reported