

# Part 573 Safety Recall Report

# 20V-786

**Manufacturer Name :** Volkswagen Group of America, Inc.

**Submission Date :** DEC 16, 2020

**NHTSA Recall No. :** 20V-786

**Manufacturer Recall No. :** 46i7



## Manufacturer Information :

## Population :

**Manufacturer Name :** Volkswagen Group of America, Inc.

**Number of potentially involved :** 313

**Address :** 3800 Hamlin Road

**Estimated percentage with defect :** 1 %

Auburn Hills MI 48326

**Company phone :** 1-800-893-5298

## Vehicle Information :

**Vehicle 1 :** 2020-2020 Audi Q3

**Vehicle Type :** LIGHT VEHICLES

**Body Style :**

**Power Train :** NR

**Descriptive Information :** Only Audi Q3 vehicles built between CW 29/2020 and CW 35/2020 are affected. Vehicles built before and after that period have not received suspicious parts.

Audi Q3 vehicle count: 313

Based on the check on parts and vehicles that were still in the factory it is estimated that 0.02% of all affected Q3 vehicles worldwide may be equipped with an affected part.

Estimated percentage of involved with defect: 0.02%

**Production Dates :** JUL 14, 2020 - AUG 14, 2020

**VIN Range 1 : Begin :** WA1BECF34L1123998 **End :** WA1DECF36L1125390  Not sequential

## Description of Defect :

**Description of the Defect :** The brake pedal may not have been manufactured according to the required specifications.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** In unfavorable conditions, the brake pedal plate may deform in case of an emergency brake situation with full impact loading onto the brake pedal and full detachment of the brake pedal plate cannot be completely ruled out. If the brake pedal plate detaches, the driver would still be able to operate the brake pedal, however the contact area for the driver's foot would be reduced in size, increasing the risk of a crash.

**Description of the Cause :** Due to a manufacturing error at the sub-supplier, it is possible that the joint connection between the brake pedal and the brake pedal plate was not welded correctly in individual cases.

**Identification of Any Warning NR  
that can Occur :**

## Involved Components :

**Component Name 1 :** Brake Pedal

**Component Description :** Brake Pedal

**Component Part Number :** 5Q1 723 143C

## Supplier Identification :

### Component Manufacturer

**Name :** BOGE Elastmetall GmbH

**Address :** Dr.-Juergen-Ulderup-Platz 1  
Damme Foreign States 49401

**Country :** Germany

## Chronology :

August 24, 2020: The supplier noticed a potential welding issue and reported it to AUDI AG. Investigation regarding root cause, consequences and affected parts began including screening and separation of affected parts.

September 05, 2020: Start of bench tests to assess failure mechanism, probability and consequences.

November 03, 2020: Topic is reported to Product Safety Committee based on results and findings from the investigation.

November 04 - December 08, 2020: Internal discussions and presentations to Product Safety Committees within the Volkswagen Group.

December 09, 2020: The Audi Product Safety Committee determines that, in individual cases, the brake pedal plate may deform if the brake pedal is operated with full impact load in case of an emergency braking and the brake pedal plate fully detaching cannot be completely ruled out. Therefore a worldwide recall for the potentially affected vehicles is decided.

**Determination of defect:** December 09, 2020

## Description of Remedy :

Description of Remedy Program : At no cost to owners, dealers will inspect for a correct weld at the joint connection between the brake pedal and the brake pedal plate. If the weld is insufficient, the entire brake pedal will be replaced. Audi will not offer a reimbursement plan under this recall.

How Remedy Component Differs from Recalled Component : Part number of brake pedal: 5Q1 723 143C  
Replacement parts have been produced after welding issues have been solved and monitoring had been improved at the sub-supplier.

Identify How/When Recall Condition was Corrected in Production : In CW 28/20 a new sub-supplier was introduced in the production process of the brake pedal. After determination of the welding and monitoring issue in CW 35/20 the sub-supplier implemented a 100% check of the parts before delivery. In the future a camera-based monitoring of the welding process is planned at the sub-supplier.

## Recall Schedule :

Description of Recall Schedule : Dealers - on or before December 31, 2020. Owner notification will take place in January 2021.

Planned Dealer Notification Date : DEC 30, 2020 - DEC 30, 2020

Planned Owner Notification Date : JAN 31, 2021 - JAN 31, 2021

\* NR - Not Reported