

# Part 573 Safety Recall Report

# 20V-749

**Manufacturer Name :** Volkswagen Group of America, Inc.**Submission Date :** DEC 02, 2020**NHTSA Recall No. :** 20V-749**Manufacturer Recall No. :** 69BM**Manufacturer Information :****Population :**

Manufacturer Name : Volkswagen Group of America, Inc.

Number of potentially involved : 166

Address : 3800 Hamlin Road

Estimated percentage with defect : 5 %

Auburn Hills MI 48326

Company phone : 1-800-893-5298

**Vehicle Information :**

Vehicle 1 : 2021-2021 Audi RS7

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Vehicles that have received parts from the affected production period at the supplier have clearly been identified through supplier production records, serial numbers and bills of delivery. Vehicles not included in the recall have not received affected parts or have already been checked and remedied in the factory or port.

RS7 count: 13

Production Dates : JUL 29, 2020 - AUG 06, 2020

VIN Range 1 : Begin : WUAPCBF29MN900403 End : WUAPCBF25MN900611  Not sequential

Vehicle 2 : 2021-2021 Audi RS6

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Vehicles that have received parts from the affected production period at the supplier have clearly been identified through supplier production records, serial numbers and bills of delivery. Vehicles not included in the recall have not received affected parts or have already been checked and remedied in the factory or port.

RS6 count: 7

Production Dates : JUL 30, 2020 - AUG 05, 2020

VIN Range 1 : Begin : WUA1CBF21MN900384 End : WUA1CBF27MN900597  Not sequential

Vehicle 3 : 2021-2021 Audi Q7

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

**Descriptive Information :** Vehicles that have received parts from the affected production period at the supplier have clearly been identified through supplier production records, serial numbers and bills of delivery. Vehicles not included in the recall have not received affected parts or have already been checked and remedied in the factory or port.

Q7 count: 145

Production Dates : JUL 31, 2020 - AUG 06, 2020

VIN Range 1 : Begin : WA1VXAF75MD000886 End : WA1LXAF71MD010323  Not sequential

Vehicle 4 : 2021-2021 Audi A6 allroad

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

**Descriptive Information :** Vehicles that have received parts from the affected production period at the supplier have clearly been identified through supplier production records, serial numbers and bills of delivery. Vehicles not included in the recall have not received affected parts or have already been checked and remedied in the factory or port.

A6 allroad count: 1

Production Dates : AUG 03, 2020 - AUG 03, 2020

VIN Range 1 : Begin : WAU92BF29MN006424 End : WAU92BF29MN006424  Not sequential

## Description of Defect :

**Description of the Defect :** Faulty sensor housings may have been used during the production of the door crash sensors at the supplier. As a result, the locking mechanism for the electrical connector on the crash sensor may be impaired and the electrical connector may become detached.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** In unfavorable circumstances while the vehicle is moving, the electrical connector may become detached from the crash sensor. If this happens in the event of a side crash, the restraint systems for the side of the vehicle may react slower. This may lead to an increased risk of injury in a side crash due to a delayed activation of the side airbag, curtain airbag and/or seat-belt pretensioner as the system has to rely on two other crash sensors only.

**Description of the Cause :** Due to a temporary fault (approx. 6 hours) in the die-cast process at the sub-supplier, the cast of the sensor housings may not have been fully molded causing imperfection in the locking geometry. This error was not detected

immediately because there was no permanent and automated monitoring process.

Identification of Any Warning that can Occur : If the electrical connector becomes detached from the crash sensor while driving, it will be indicated by the airbag indicator lamp.

## Involved Components :

Component Name 1 : Door crash sensor

Component Description : Door crash sensor

Component Part Number : 4N0 955 557A

## Supplier Identification :

### Component Manufacturer

Name : Continental

Address : 1830 MacMillan Park Dr.  
Fort Mill SOUTH CAROLINA 29707

Country : United States

## Chronology :

September 07, 2020: Issue detected and reported by supplier. Immediate investigation commenced.

September 07 - October 15, 2020: Inspection of parts at the supplier and sub-supplier, screening and sorting of in-stock-parts.

October 15, 2020: Implementation of camera-based production monitoring system for the die-cast process at the sub-supplier.

October 15 - November 2, 2020: Containment and localization of affected parts based on serial numbers. It becomes clear that some affected parts may be in vehicles that are already in the field so the issue is reported to the Audi Product Safety Committee on November 2, 2020.

November 02, 2020 - November 25, 2020: Presentation to Audi Product Safety Committee and determination of affected vehicles based on serial numbers.

November 25, 2020: The Audi Product Safety Committee decides a worldwide safety recall. Affected vehicles that are still in the port or the factory are being checked and if necessary remedied before entering the market.

Determination of defect: November 25, 2020

## Description of Remedy :

Description of Remedy Program : The crash sensors in both of the front doors will be checked and, if necessary, replaced. Audi will not offer a reimbursement plan under this recall.

How Remedy Component Differs from Recalled Component : Only parts manufactured within the affected 6-hour time window are affected. Replacement parts have the same part number but have been manufactured according to specification.

Part number door crash sensor: 4N0 955 557A

Identify How/When Recall Condition was Corrected in Production : On October 15, 2020 the sub-supplier has implemented a camera-based production monitoring system for the die-cast process to avoid similar cases in the future.

## Recall Schedule :

Description of Recall Schedule : Dealers/owners: on or before January 31, 2021

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

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

\* NR - Not Reported