

# Part 573 Safety Recall Report

# 20V-153

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

**Submission Date :** MAR 18, 2020

**NHTSA Recall No. :** 20V-153

**Manufacturer Recall No. :** 27H2



## Manufacturer Information :

## Population :

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

**Number of potentially involved :** NR

**Address :** 3800 Hamlin Road

**Estimated percentage with defect :** NR

Auburn Hills MI 48326

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

## Vehicle Information :

**Vehicle 1 :** 2019-2020 Audi A6

**Vehicle Type :** LIGHT VEHICLES

**Body Style :**

**Power Train :** NR

**Descriptive Information :** The affected part is only used in vehicles with mild-hybrid technology and the 2.0TFSI engine, in the US this affects only the current Audi A6 (internal model code "C8"). All vehicles produced from SOP of that model/engine combination until the clean date are included in the recall population. Vehicles not included in the recall population are already equipped with the improved part.

Audi A6 vehicle count: To be determined

Vehicle information (production dates, VIN ranges and % estimated with defect) will be provided as soon as it becomes available from Audi AG; production dates of 01/01/1900 and VIN range provided are placeholders only. There are no cases (both for US and Canada).

**Production Dates :** JAN 01, 1900 - JAN 01, 1900

**VIN Range 1 : Begin :** NR

**End :** NR

Not sequential

## Description of Defect :

**Description of the Defect :** Moisture may enter the starter generator and lead to an electrical short circuit.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** A short circuit in the starter generator may lead to smouldering or potentially a fire.

**Description of the Cause :** The inverter inside the belt starter generator is coated with a plastic moulding. Our detailed analysis with the supplier has shown that this plastic moulding may develop cracks and allow moisture into the inverter, which may lead to electrolysis and cause a short circuit.

Identification of Any Warning NR  
that can Occur :

## Supplier Identification :

### Component Manufacturer

Name : Valeo Electrical Systems  
Address : Route d'Hilbert  
Etaples FOREIGN STATES 62630  
Country : France

## Chronology :

Mid-December 2019: AUDI AG learns of 2 new Audi A5 vehicles which caught on fire in a railway container in China.  
December 2019 - February 2020: Intense investigations with the supplier regarding root cause, possible contributing factors and affected production period.  
February 14, 2020: The supplier of the starter generator introduces several measures in production to avoid moisture ingress into the part.  
March 11, 2020: The Audi Product Safety Committee makes the determination of a safety defect and decides a worldwide safety recall.

## Description of Remedy :

Description of Remedy Program : Replace the starter generator. Audi will not offer a reimbursement program under this recall.

How Remedy Component Differs from Recalled Component : Parts produced after February 14, 2020 are equipped with an improved sealing against moisture ingress.  
Part numbers: 06L 903 018H

Identify How/When Recall Condition was Corrected in Production : On February 14, 2020 the supplier introduced several measures to assure better sealing of the inverter inside of the starter generator to prevent moisture ingress and possible short circuits. At the same time, the quality monitoring process was also optimized in order to better detect a potential weakness for later moisture ingress.

## Recall Schedule :

Description of Recall Schedule : On or before 05/15/2020  
Planned Dealer Notification Date : MAY 15, 2020 - MAY 15, 2020

Planned Owner Notification Date : MAY 15, 2020 - MAY 15, 2020

\* NR - Not Reported