

Part 573 Safety Recall Report

20V-153

Manufacturer Name : Volkswagen Group of America, Inc.

Submission Date : APR 08, 2020

NHTSA Recall No. : 20V-153

Manufacturer Recall No. : 27H2



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 : 5,471

Estimated percentage with defect : 100 %

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: 5471

% estimated with defect) will be provided as soon as it becomes available from Audi AG;

There are no cases (both for US and Canada).

Production Dates : JUN 27, 2019 - FEB 26, 2020

VIN Range 1 : Begin : WAUD8AF20KN113099 **End :** WAUE8AF2XLN070431 ☒ 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 :

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

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