

Part 573 Safety Recall Report

21V-111

Manufacturer Name : Volkswagen Group of America, Inc.

Submission Date : FEB 24, 2021

NHTSA Recall No. : 21V-111

Manufacturer Recall No. : 97EV



Manufacturer Information :

Population :

Manufacturer Name : Volkswagen Group of America, Inc.

Number of potentially involved : 238

Address : 3800 Hamlin Road

Estimated percentage with defect : 15 %

Auburn Hills MI 48326

Company phone : 1-800-893-5298

Vehicle Information :

Vehicle 1 : 2020-2021 Audi S8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Affected vehicles have clearly been identified based on production records from the supplier and the Audi factory. Vehicles not included in the recall have either not received potentially affected parts or have already received the remedy in the port or the factory.

Audi S8 count: 77

Production Dates : OCT 23, 2019 - SEP 11, 2020

VIN Range 1 : Begin : WAU8SAF89LN001068 **End :** WAU8SAF89MN003498 Not sequential

Vehicle 2 : 2019-2021 Audi A8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Affected vehicles have clearly been identified based on production records from the supplier and Audi. Vehicles not included in the recall have either not received potentially affected parts or have already received the remedy in the port or the factory.

Audi A8 count: 161

Production Dates : AUG 26, 2019 - SEP 12, 2020

VIN Range 1 : Begin : WAU8EAF85KN023882 **End :** WAU8EAF81MN003891 Not sequential

Description of Noncompliance :

Description of the Noncompliance : Moisture may enter the connector of the engine control module due to a missing sealing pin. This may cause malfunctions accompanied by illumination of the MIL and the engine may go into fail-safe mode with restricted RPM. It cannot completely be ruled out that the engine may stop while driving.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the engine stops while the vehicle is in motion especially at higher speeds, this may increase the risk of an accident.

Description of the Cause : Due to a deviation in the manufacturing process of the wiring harness supplier, a sealing pin may be missing in one of the engine control unit connectors.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Sealing Pin

Component Description : Sealing Pin

Component Part Number : 4M0 971 904

Supplier Identification :**Component Manufacturer**

Name : Fujikura Automotive Europe GmbH

Address : Manching Str. 114

Ingolstadt Foreign States 85053

Country : Germany

Chronology :

October 07, 2020: During an audit in the final production phase it was found that the sealing pin for the ECM wiring harness was missing on one vehicle.

October 08 - October 19, 2020: Investigation commenced immediately, vehicles with the affected part were blocked from leaving the factory and a special quality check was introduced for the ECM connector during production.

October 19, 2020: Topic was reported to the Audi Product Safety Committee while the investigation was still

ongoing.

November 25, 2020: Topic was presented to the Audi Product Safety Committee. At that point the investigation results showed that even though the engine may lose power, there would be no critical situation while driving. Therefore the Product Safety Committee decided a worldwide service campaign for the affected vehicles. This was communicated to the markets and the preparation of the campaign started including parts ordering.

February 10, 2021: The topic was presented in the Product Safety Committee again for re-evaluation due to a new field case (in Europe) and feedback from the Japanese market. The Product Safety Committee tasked the responsible departments to further investigate the worst case scenario.

February 17, 2021: Although Audi is not aware of any such cases in the field, the re-evaluation suggested that it cannot be completely ruled out that the engine may stop while driving due to this issue. Therefore, out of an abundance of caution, the Audi Product Safety Committee decided to recall the affected 578 vehicles worldwide.

Date of determination: February 17, 2021

Description of Remedy :

Description of Remedy Program : The connector on the engine control unit will be checked to see if the sealing pin is present. If missing, the pin will be retrofitted. The connector will also be checked for possibly existing corrosion and - if necessary - the affected connections will be replaced. Audi will not offer a reimbursement program under this recall because the affected vehicles are within the New Vehicle Limited Warranty Period.

How Remedy Component Differs from Recalled Component : Part number of the potentially missing sealing pin: 4M0 971 904

Identify How/When Recall Condition was Corrected in Production : Starting on October 8, 2020 Audi has implemented a visual check of the affected component in production. Additional preventive measures have been implemented in October and November 2020, such as a tightness control for the module, a camera-based check to identify potentially missing sealing pins and a software adaptation for the pressure check to block vehicles that show reduced pressure.

Recall Schedule :

Description of Recall Schedule : On or before April 23, 2021

Planned Dealer Notification Date : APR 23, 2021 - APR 23, 2021

Planned Owner Notification Date : APR 23, 2021 - APR 23, 2021

* NR - Not Reported