

Part 573 Safety Recall Report

20V-397

Manufacturer Name : Volkswagen Group of America, Inc.

Submission Date : JUL 07, 2020

NHTSA Recall No. : 20V-397

Manufacturer Recall No. : 51G6



Manufacturer Information :

Population :

Manufacturer Name : Volkswagen Group of America, Inc.

Number of potentially involved : 12,964

Address : 3800 Hamlin Road

Estimated percentage with defect : 100 %

Auburn Hills MI 48326

Company phone : 1-800-893-5298

Vehicle Information :

Vehicle 1 : 2013-2018 Audi S8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : "All Audi S8 D4 vehicles from start of production until end of production are included in the recall.

Audi S8 vehicle count: 3,603"

Production Dates : JUN 27, 2012 - JUL 28, 2017

VIN Range 1 : Begin : WAUD2AFD6DN005673 End : WUAJ5AFD3JN900050 Not sequential

Vehicle 2 : 2013-2018 Audi A8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : "All Audi A8 D4 vehicles with the 4.0T engine from start of production until end of production are included in the recall.

Audi A8 vehicle count: 9361"

Production Dates : JUN 27, 2012 - JUL 27, 2017

VIN Range 1 : Begin : WAUR2AFD2DN004929 End : WAU43AFD6JN000885 Not sequential

Description of Defect :

Description of the Defect : The engine compartment seal (the seal around the entire engine compartment) may deform or dislocate under unfavorable circumstances.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In rare cases, the engine compartment seal may become loose and get in touch with hot parts within the engine compartment due to vibrations that occur during vehicle operation. This may result in the engine compartment seal (and possibly adjacent components) becoming scorched, creating a risk of fire.

Description of the Cause : The wire helix profile used within the engine compartment seal can become deformed due to the high fluctuations in temperature which occur in the engine compartment. This can impair the secure fit of the engine compartment seal over the vehicle's lifetime and in unfavorable conditions.

Identification of Any Warning that can Occur : When the hood is open, it is possible to see that the engine compartment seal is no longer in the correct position.

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : AUDI AG

Address : NR

Ingolstadt FOREIGN STATES

Country : Germany

Chronology :

"September 2019: Responsible department becomes aware of field incidents (none of them in North America) with a thermal overload in the area of the engine compartment cover and the attached sealing. Analysis of field cases, influential factors and root cause commenced and topic was reported to Audi Product Safety Committee. September 2019-March 2020: Analysis of field cases, several tests and verifications regarding potential root cause with updates to Audi Product Safety Committee. It was found that the engine compartment cover seal may deform and become dislocated.

March - June 2020: Additional investigation regarding potential influence of previous workshop visits as the engine compartment cover must be removed and re-installed during maintenance.

June 29, 2020: Results presented at Audi Product Safety Committee. No connection found between previous workshop visit/repair and a dislocated engine compartment seal. It is determined that due to strong temperature deviations over lifetime it cannot be ruled out that the engine compartment seal becomes dislocated and may get in touch with hot parts within the engine compartment under unfavorable circumstances. A worldwide recall is decided.

Date of determination: June 29, 2020"

Description of Remedy :

Description of Remedy Program : At no cost to customers, dealers will install a retaining plate that will prevent the engine compartment seal from loosening. Audi will offer a reimbursement program under this recall.

How Remedy Component Differs from Recalled Component : No recalled component. Remedy will be the installation of a retaining plate with part number 4H0.807.153.

Identify How/When Recall Condition was Corrected in Production : No production change, series production of the affected model ended in 2017.

Recall Schedule :

Description of Recall Schedule : Dealers/owners - on or before September 04, 2020

Planned Dealer Notification Date : SEP 04, 2020 - SEP 04, 2020

Planned Owner Notification Date : SEP 04, 2020 - SEP 04, 2020

* NR - Not Reported