

Part 573 Safety Recall Report

21V-339

Manufacturer Name : Volkswagen Group of America, Inc.**Submission Date :** MAY 12, 2021**NHTSA Recall No. :** 21V-339**Manufacturer Recall No. :** 10G9**Manufacturer Information :****Population :**

Manufacturer Name : Volkswagen Group of America, Inc.

Number of potentially involved : 15

Address : 3800 Hamlin Road

Estimated percentage with defect : 100 %

Auburn Hills MI 48326

Company phone : 1-800-893-5298

Vehicle Information :

Vehicle 1 : 2021-2021 Audi SQ7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected vehicle recall population was determined through production records. Recalled vehicles have received affected parts and therefore differ from the non-recalled vehicles which have not received affected parts.

SQ7 count: 5

Production Dates : SEP 28, 2020 - DEC 07, 2020

VIN Range 1 : Begin : WA1VWBF70MD015157 End : WA1AWBF76MD024766 Not sequential

Vehicle 2 : 2021-2021 Audi RSQ8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected vehicle recall population was determined through production records. Recalled vehicles have received affected parts and therefore differ from the non-recalled vehicles which have not received affected parts.

RSQ8 count: 1

Production Dates : OCT 16, 2020 - OCT 16, 2020

VIN Range 1 : Begin : WU1ARBF18MD013098 End : WU1ARBF18MD013098 Not sequential

Vehicle 3 : 2021-2021 Audi RS7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected vehicle recall population was determined through production records. Recalled vehicles have received affected parts and therefore differ from the non-recalled vehicles which have not received affected parts.
RS7 count: 4

Production Dates : OCT 16, 2020 - OCT 30, 2020

VIN Range 1 : Begin : WUAPCBF22MN902218 End : WUAPCBF25MN902973 Not sequential

Vehicle 4 : 2021-2021 Audi RS6 AVANT

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected vehicle recall population was determined through production records. Recalled vehicles have received affected parts and therefore differ from the non-recalled vehicles which have not received affected parts.
RS6 AVANT count: 2

Production Dates : OCT 23, 2020 - OCT 26, 2020

VIN Range 1 : Begin : WUA1CBF23MN902752 End : WUA1CBF27MN902768 Not sequential

Vehicle 5 : 2021-2021 Audi SQ8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected vehicle recall population was determined through production records. Recalled vehicles have received affected parts and therefore differ from the non-recalled vehicles which have not received affected parts.
SQ8 count: 3

Production Dates : OCT 10, 2020 - OCT 16, 2020

VIN Range 1 : Begin : WA1CWBF19MD011742 End : WA1CWBF17MD012839 Not sequential

Description of Defect :

Description of the Defect : Due to a process error that occurred during the engine block casting process, it is possible for cracks to develop on the running surface of the 'cylinder 6' bore.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : During engine operation, a crack in the bore can lead to an impaired contour of the piston's running surface. If this occurs, there is potential for engine damage and oil leakage. Engine damage while driving may cause a loss of

Description of the Cause : power or an engine stall, increasing the risk of a crash. A temporary process error at the supplier occurred during the casting process of the specifically affected engine blocks during a specific time period. This has caused a temporary misalignment of the automated mold-extrusion stamp in the casting plant.

Identification of Any Warning that can Occur : If this condition is present in the vehicle, possible noises from the engine crankshaft may occur while driving and an oil pressure warning may be displayed in the instrument cluster.

Involved Components :

Component Name 1 : Engine block - long block
Component Description : 4.0 litre-V8/V8 Turbo engine 'EA825'
Component Part Number : OP2100031C

Supplier Identification :

Component Manufacturer

Name : Nemak Europe
Address : The Square 17
Am Flughafen Frankfurt Frankfurt Foreign States 60549
Country : Germany

Chronology :

In mid-April Audi was informed that a number of Audi vehicles may have received engines that could be affected by cracks on the running surface in the 'cylinder 6' bore which had been discovered by regular video quality checks at the engine production plant. According to the subsequent analysis, only certain specific engines have been identified as potentially affected. An inventory check was carried out at the factory, and apart from the above-mentioned affected quantity, no other affected parts were found. Investigation regarding possible consequences of those cracks commenced.

May 05, 2021: The Audi Product Safety Committee determines that there is a potential for an engine damage and oil leakage while driving. Out of abundance of caution, the decision for a worldwide safety recall is made.

Description of Remedy :

Description of Remedy Program : The engine in each affected vehicle will be replaced at no cost to customers. Because affected vehicles are still within the New Vehicle Limited Warranty period, Audi will not offer reimbursement plan under this recall.

How Remedy Component Differs from Recalled Component : What distinguishes the remedy components from the recalled components is that the remedy components have been manufactured within the original (correct) casting process specifications, whereas the recalled components were not to specification.

Identify How/When Recall Condition was Corrected in Production : During the analysis, it was discovered that on November 30, 2020 the misalignment of the automated ejector tool was corrected at the sub-suppliers production line. Additionally, a 100% endoscopic bore scope check was implemented in the engine production on January 8, 2021.

Recall Schedule :

Description of Recall Schedule : Dealers/owners: On or before 07/09/2021

Planned Dealer Notification Date : JUL 09, 2021 - JUL 09, 2021

Planned Owner Notification Date : JUL 09, 2021 - JUL 09, 2021

* NR - Not Reported