

Part 573 Safety Recall Report

21V-295

Manufacturer Name : Volkswagen Group of America, Inc.

Submission Date : APR 26, 2021

NHTSA Recall No. : 21V-295

Manufacturer Recall No. : 42L1



Manufacturer Information :

Population :

Manufacturer Name : Volkswagen Group of America, Inc.

Number of potentially involved : 40,993

Address : 3800 Hamlin Road

Estimated percentage with defect : 100 %

Auburn Hills MI 48326

Company phone : 1-800-893-5298

Vehicle Information :

Vehicle 1 : 2020-2021 Audi S6 SEDAN

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

S6 SEDAN Vehicle Count: 293

Production Dates : NOV 27, 2019 - DEC 18, 2020

VIN Range 1 : Begin : WAUDFAF27LN045472 **End :** WAUFFAF21MN046501 Not sequential

Vehicle 2 : 2021-2021 Audi Q7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

Q7 Vehicle Count: 2727

Production Dates : SEP 16, 2020 - OCT 27, 2020

VIN Range 1 : Begin : WA1LXAF72MD013957 **End :** WA1AJAF78MD018475 Not sequential

Vehicle 3 : 2020-2021 Audi Q5

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

Q5 Vehicle Count: 19246

Production Dates : NOV 07, 2019 - MAR 04, 2021

VIN Range 1 : Begin : WA1ANAFY4L2041243 End : WA1BAAFY0M2062253 Not sequential

Vehicle 4 : 2020-2021 Audi A8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

A8 Vehicle Count: 282

Production Dates : DEC 02, 2019 - DEC 18, 2020

VIN Range 1 : Begin : WAU8HAF82LN008930 End : WAU8DAF84MN011955 Not sequential

Vehicle 5 : 2020-2021 Audi S8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

S8 Vehicle Count: 90

Production Dates : DEC 10, 2019 - DEC 16, 2020

VIN Range 1 : Begin : WAU8SAF80LN008927 End : WAU8SAF89MN011861 Not sequential

Vehicle 6 : 2021-2021 Audi Q8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

Q8 Vehicle Count: 1156

Production Dates : SEP 16, 2020 - OCT 23, 2020

VIN Range 1 : Begin : WA1AVAF11MD008340 End : WA1EVAF10MD014020 Not sequential

Vehicle 7 : 2021-2021 Audi Q5 SPORTBACK

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

Q5 SPORTBACK Vehicle Count: 3

Production Dates : FEB 20, 2021 - MAR 02, 2021

VIN Range 1 : Begin : WA15AAFY1M2059424 End : WA15AAFY7M2061159 Not sequential

Vehicle 8 : 2020-2021 Audi A7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

A7 Vehicle Count: 254

Production Dates : NOV 27, 2019 - DEC 19, 2020

VIN Range 1 : Begin : WAUU2AF25MN045449 End : WAUU2AF2XMN046516 Not sequential

Vehicle 9 : 2019-2021 Audi RS5 COUPE

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

RS5 COUPE Vehicle Count: 76

Production Dates : NOV 27, 2019 - DEC 19, 2020

VIN Range 1 : Begin : WUAPWAF58KA908072 End : WUANWAF5XMA902493 Not sequential

Vehicle 10 : 2019-2021 Audi A5 SPORTBACK

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

A5 SPORTBACK Vehicle Count: 2148

Production Dates : NOV 26, 2019 - DEC 15, 2020

VIN Range 1 : Begin : WAUENCF50KA097254 End : WAUFACF54MA027274 Not sequential

Vehicle 11 : 2020-2021 Audi A6 ALLROAD

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

A6 ALLROAD Vehicle Count: 371

Production Dates : NOV 30, 2019 - JAN 21, 2021

VIN Range 1 : Begin : WAU92BF23LN046996 End : WAU72BF20MN046530 Not sequential

Vehicle 12 : 2020-2021 Audi A5 CABRIOLET

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

A5 CABRIOLET Vehicle Count: 433

Production Dates : NOV 27, 2019 - DEC 17, 2020

VIN Range 1 : Begin : WAU2NGF57LN000877 End : WAUWAGF53MN002382 Not sequential

Vehicle 13 : 2020-2021 Audi A4 SEDAN

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

A4 SEDAN Vehicle Count: 5097

Production Dates : NOV 27, 2019 - DEC 19, 2020

VIN Range 1 : Begin : WAUGMAF40LA037760 End : WAUDNAF41LN008485 Not sequential

Vehicle 14 : 2020-2021 Audi A4 ALLROAD

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

A4 ALLROAD Vehicle Count: 442

Production Dates : NOV 27, 2019 - DEC 08, 2020

VIN Range 1 : Begin : WA18NAF4XLA032631 End : WA18AAF42MA038467 Not sequential

Vehicle 15 : 2021-2021 Audi SQ5 SPORTBACK

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

SQ5 SPORTBACK Vehicle Count: 3

Production Dates : FEB 20, 2021 - MAR 02, 2021

VIN Range 1 : Begin : WA134BFY2M2059436 End : WA134BFY0M2061167 Not sequential

Vehicle 16 : 2020-2021 Audi SQ5

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

SQ5 Vehicle Count: 2649

Production Dates : NOV 07, 2019 - MAR 01, 2021

VIN Range 1 : Begin : WA1B4AFY1L2041241 End : WA1B4AFY6M2062099 Not sequential

Vehicle 17 : 2020-2021 Audi S7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

S7 Vehicle Count: 167

Production Dates : NOV 27, 2019 - DEC 19, 2020

VIN Range 1 : Begin : WAUSFAF23LN045640 End : WAUPFBF23MN046428 Not sequential

Vehicle 18 : 2020-2021 Audi A6 SEDAN

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

A6 SEDAN Vehicle Count: 2760

Production Dates : NOV 27, 2019 - DEC 29, 2020

VIN Range 1 : Begin : WAUE8AF24LN045461 End : WAUL2AF2XMN046544 Not sequential

Vehicle 19 : 2021-2021 Audi RS6 AVANT

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

RS6 AVANT Vehicle Count: 176

Production Dates : AUG 07, 2020 - DEC 17, 2020

VIN Range 1 : Begin : WUA1CBF21MN900692 End : WUA1CBF29MN905445 Not sequential

Vehicle 20 : 2020-2021 Audi S5 COUPE

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

S5 COUPE Vehicle Count: 129

Production Dates : NOV 27, 2019 - JAN 20, 2021

VIN Range 1 : Begin : WAUP4AF55LA002687 End : WAUP4AF56MA027163 Not sequential

Vehicle 21 : 2021-2021 Audi RS7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

RS7 Vehicle Count: 270

Production Dates : AUG 06, 2020 - DEC 18, 2020

VIN Range 1 : Begin : WUAPCBF24MN900695 End : WUAPCBF20MN905442 Not sequential

Vehicle 22 : 2021-2021 Audi RS Q8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

RSUDI Q8 Vehicle Count: 116

Production Dates : SEP 16, 2020 - OCT 22, 2020

VIN Range 1 : Begin : WU1ARBF1XMD008338 End : WU1ARBF12MD013940 Not sequential

Vehicle 23 : 2020-2021 Audi S4 SEDAN

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

S4 SEDAN Vehicle Count: 498

Production Dates : DEC 11, 2019 - DEC 08, 2020

VIN Range 1 : Begin : WAUB4AF46LA037708 End : WAUB4AF41MA038511 Not sequential

Vehicle 24 : 2020-2021 Audi S5 CABRIOLET

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

S4 CABRIOLET Vehicle Count: 142

Production Dates : FEB 12, 2020 - DEC 18, 2020

VIN Range 1 : Begin : WAUW4GF52LN002525 End : WAU24GF52MN002380 Not sequential

Vehicle 25 : 2019-2021 Audi S5 SPORTBACK

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

S5 SPORTBACK Vehicle Count: 839

Production Dates : NOV 26, 2019 - DEC 17, 2020

VIN Range 1 : Begin : WAUB4CF59KA097243 End : WAUB4DF53MA027066 Not sequential

Vehicle 26 : 2020-2021 Audi A5 COUPE

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

A5 COUPE Vehicle Count: 469

Production Dates : NOV 27, 2019 - DEC 14, 2020

VIN Range 1 : Begin : WAUSNAF58LA002691 End : WAUSAAF59MA027046 Not sequential

Vehicle 27 : 2019-2021 Audi RS5 SPORTBACK

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicle production and the affected production lots. Vehicles not included in the recall have not received lock nuts from the affected production lots.

RS5 SPORTBACK Vehicle Count: 157

Production Dates : NOV 28, 2019 - JAN 20, 2021

VIN Range 1 : Begin : WUABWCF55KA908083 End : WUAAWCF50MA902514 Not sequential

Description of Defect :

Description of the Defect : Due to stress corrosion cracking on lock nuts of particular production batches, the nut of the eccentric bolt on the trailing arm of the rear axle may break which may cause alterations in the wheel alignment of the rear axle. This could be noticed by a steering wheel misalignment when driving straight ahead or by the vehicle pulling to one side when braking or accelerating.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : It cannot be ruled out that the rear axle could suddenly and uncontrollably move in the wrong direction at higher speeds. This can lead to a loss of vehicle control and a crash without warning.

Description of the Cause : Particular production batches of the affected lock nuts on the trailing arm of the rear axle may not have been manufactured according to specification. Due to stress corrosion on the lock nuts of these particular production batches, the nut of the excentric bolt on the trailing arm of the rear axle may break which may cause alterations in the wheel alignment of the rear axle.

Identification of Any Warning that can Occur : The driver may notice a steering wheel misalignment when driving straight ahead or the vehicle pulling to one side when braking or accelerating.

Involved Components :

Component Name 1 : Lock nut M14x1,5

Component Description : on the excentric screw of the trailing arm (rear axle)

Component Part Number : WHT 007 610

Supplier Identification :

Component Manufacturer

Name : HEWI G. Winker GmbH & Co. KG

Address : Hermann-Winker-Str. 1
Spaichingen

Foreign States 78549

Country : Germany

Chronology :

Mid-February 2021: 2 field incidents are reported where the lock nut of the excentric bolt of the rear axle trailing arm broke and the customer noticed a misalignment of the steering wheel or the vehicle pulling to one side while driving. Immediate information of the supplier and start of investigation.

Mid-February to mid-April 2021: Detailed analysis of root cause, possible influences and consequences and determination of affected population.

April 19, 2021: Although no such cases are known from the field, the Audi Product Safety Committee determines that it cannot be completely ruled out that the rear axle could suddenly and uncontrollably move in the wrong direction at higher speeds. The decision for a voluntary worldwide safety recall is made.

Audi is not aware of any field cases in the United States.

Description of Remedy :

Description of Remedy Program : The affected lock nut will be replaced. If the screw connection is already damaged, it will be replaced completely. Because affected vehicles are still within the New Vehicle Limited Warranty period, Audi will not offer reimbursement under this recall.

How Remedy Component Differs from Recalled Component : What distinguishes the remedy component from the recalled component is the fact that the recalled component (lock nuts) do not meet factory specifications; the remedy component (lock nuts) meets the factory specifications.

Identify How/When Recall Condition was Corrected in Production : Only specific production lots were affected by the deviation, therefore the production dates differ in the different Audi factories. Vehicles outside of the recall population are equipped with lock nuts with correct parameters.

Recall Schedule :

Description of Recall Schedule : Dealers/owners: On or before 06/25/2021

Planned Dealer Notification Date : JUN 25, 2021 - JUN 25, 2021

Planned Owner Notification Date : JUN 25, 2021 - JUN 25, 2021

* NR - Not Reported