

Part 573 Safety Recall Report

22V-034

Manufacturer Name : Volkswagen Group of America, Inc.

Submission Date : FEB 02, 2022

NHTSA Recall No. : 22V-034

Manufacturer Recall No. : 42L5



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 : 31,058

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2021 Audi RS5 COUPE

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : "The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.

RS5 COUPE 52

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

VIN Range 1 : Begin : WUAPWAF58KA908072 **End :** WUANWAF56MA902491 ☒ Not sequential

Vehicle 2 : 2020-2021 Audi A4 ALLROAD

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.

A4 ALLROAD 349

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

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

Vehicle 3 : 2021-2021 Audi SQ5 SPORTBACK

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
SQ5 SPORTBACK 3

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

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

Vehicle 4 : 2020-2021 Audi SQ5

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
SQ5 2,018

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

VIN Range 1 : Begin : WA1B4AFY1L2041241 End : WA1B4AFY6M2062099 ☒ 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 vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
S8 70

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

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

Vehicle 6 : 2020-2021 Audi S7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
S7 131

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

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

Vehicle 7 : 2020-2021 Audi S6 SEDAN

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
S6 SEDAN 227

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

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

Vehicle 8 : 2019-2021 Audi S5 SPORTBACK

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
S5 SPORTBACK 605

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

VIN Range 1 : Begin : WAUB4CF51KA097253 End : WAUB4DF53MA027066 ☒ Not sequential

Vehicle 9 : 2020-2021 Audi S5 COUPE

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
S5 COUPE 90

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

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

Vehicle 10 : 2020-2021 Audi S5 CABRIOLET

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
S5 CABRIOLET 100

Production Dates : FEB 12, 2020 - DEC 17, 2020

VIN Range 1 : Begin : WAUY4GF59LN002532 End : WAU24GF52MN002380 ☒ Not sequential

Vehicle 11 : 2020-2021 Audi S4 SEDAN

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
S4 SEDAN 380

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

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

Vehicle 12 : 2021-2021 Audi RSQ8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
RSQ8 85

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

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

Vehicle 13 : 2021-2021 Audi RS7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
RS7 208

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

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

Vehicle 14 : 2021-2021 Audi SQ7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
SQ7 191

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

VIN Range 1 : Begin : WA1VWBF70MD013960 End : WA1VWBF7XMD018468 ☒ Not sequential

Vehicle 15 : 2019-2021 Audi RS5 SPORTBACK

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
RS5 SPORTBACK 120

Production Dates : NOV 28, 2019 - DEC 15, 2020

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

Vehicle 16 : 2021-2021 Audi SQ8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
SQ8 155

Production Dates : SEP 17, 2020 - OCT 23, 2020

VIN Range 1 : Begin : WA1AWBF10MD008364 End : WA1CWBF19MD013992 ☒ Not sequential

Vehicle 17 : 2021-2021 Audi Q8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
Q8 706

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

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

Vehicle 18 : 2021-2021 Audi Q7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
Q7 1,929

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

VIN Range 1 : Begin : WA1LXAF72MD013957 End : WA1LXAF75MD018473 ☒ Not sequential

Vehicle 19 : 2021-2021 Audi Q5 SPORTBACK

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
Q5 SPORTBACK 3

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

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

Vehicle 20 : 2020-2021 Audi Q5

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
Q5 14,608

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

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

Vehicle 21 : 2020-2021 Audi A8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
A8 222

Production Dates : DEC 03, 2019 - DEC 18, 2020

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

Vehicle 22 : 2020-2021 Audi A7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
A7 203

Production Dates : NOV 28, 2019 - DEC 19, 2020

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

Vehicle 23 : 2020-2021 Audi A6 SEDAN

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
A6 SEDAN 2,140

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

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

Vehicle 24 : 2020-2021 Audi A6 ALLROAD

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
A6 ALLROAD 310

Production Dates : NOV 30, 2019 - DEC 19, 2020

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

Vehicle 25 : 2019-2021 Audi A5 SPORTBACK

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
A5 SPORTBACK 1,565

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

VIN Range 1 : Begin : WAUBNCF54KA097258 End : WAUFACF54MA027274 ☒ 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 vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
A5 COUPE 356

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

VIN Range 1 : Begin : WAUSNAF5XLA002773 End : WAUSAAF59MA027046 ☒ Not sequential

Vehicle 27 : 2020-2021 Audi A5 CABRIOLET

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
A5 CABRIOLET314

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

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

Vehicle 28 : 2020-2021 Audi A4 SEDAN

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
A4 SEDAN 3,789

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

VIN Range 1 : Begin : WAUGMAF40LA037760 End : WAUDAAF4XMN008482 ☒ Not sequential

Vehicle 29 : 2021-2021 Audi RS6 AVANT

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on our records of vehicles where the recall 42L1 has been performed before the adoption of the repair instructions on November 20, 2021. Vehicles not included in the recall already have received a check of the suspension alignment of the rear axle while executing 42L1.
RS6 AVANT 129

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

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

Description of Defect :

Description of the Defect : As a check of the suspension alignment of the rear axle was not included originally when executing recall 42L1, this may result in displacement in the wheel alignment. The result could be premature and uneven wear of the tires leading to a decrease of traction.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The tires might suffer from premature and uneven wear, which may lead to a decrease of traction. In cases where the tires are worn to the carcass, this may also cause a puncture. This could lead to a loss of tire pressure without warning, potentially causing a loss of vehicle control and even a crash.

Description of the Cause : Particular vehicles that have received recall 42L1 may have suffered displacement in the wheel alignment as no check of suspension alignment of the rear axle was performed after executing 42L1.

Identification of Any Warning that can Occur : The driver may notice a steering wheel misalignment when driving on a straight road or the vehicle pulling to one side when braking or accelerating. Upon visual inspection of the tread depth of the tires any wear can be checked.

Involved Components :

Component Name 1 : Rear Suspension - Alignment post-recall repair

Component Description : Rear Suspension - Alignment post-recall repair

Component Part Number : NR

Component Name 2 : Rear Tire(s) if needed due to wear / post recall

Component Description : Rear Tire(s) if needed due to wear / post recall repair

Component Part Number : NR

Supplier Identification :**Component Manufacturer**

Name : Audi AG

Address : Auto-Union-Str. 1
Ingolstadt

85057

Country : United States

Chronology :

May 28, 2021: Start of recall 42L1 in the US market

September / October, 2021: Field cases regarding premature and uneven tire wear after carrying out recall 42L1 were reported in the European markets leading to the start of investigation.

October 2021 - January 2022: Detailed analysis of root cause, possible influences and consequences and determination of affected population. On November 20, 2021 the repair instructions of 42L1 in the US market were adopted and a check of the suspension alignment for the rear axle was added.

January 19, 2022: The Audi Product Safety Committee determines that it cannot be completely ruled out that the rear axle in vehicles with recall 42L1 already executed is not within specification regarding the suspension alignment of the rear axle. The decision for a voluntary worldwide safety recall is made including all vehicles where 42L1 was executed without a suspension alignment of the rear axle.

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

Description of Remedy :

Description of Remedy Program : On the affected vehicles, the suspension alignment for the rear axle will be checked and adjusted if necessary. Furthermore, the tires will be checked for premature and uneven wear due to a possible misalignment of the suspension and will be replaced if necessary. Audi will offer a reimbursement plan under this recall.

How Remedy Component Differs from Recalled Component : n/a

Identify How/When Recall Condition was Corrected in Production : As the recall condition originated from the previous recall 42L1, there is no relation to production.

Recall Schedule :

Description of Recall Schedule : Dealers/owners: On or before 03/25/2022

Planned Dealer Notification Date : MAR 25, 2022 - MAR 25, 2022

Planned Owner Notification Date : MAR 25, 2022 - MAR 25, 2022

* NR - Not Reported