

Part 573 Safety Recall Report

21V-132

Manufacturer Name : Volkswagen Group of America, Inc.**Submission Date :** MAR 03, 2021**NHTSA Recall No. :** 21V-132**Manufacturer Recall No. :** 44Q9**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 : 128

Estimated percentage with defect : 5 %

Vehicle Information :

Vehicle 1 : 2021-2021 Volkswagen Atlas

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Vehicles included in this recall may have been equipped with incorrect machined 20" rims. Vehicles not included in this recall have been equipped with OK rims.

Atlas count: 106

Estimated percentage of involved with defect: less than 5%

Production Dates : JAN 28, 2021 - FEB 02, 2021

VIN Range 1 : Begin : 1V2JR2CA9MC562136 End : 1V2HR2CA6MC562772 Not sequential

Vehicle 2 : 2021-2021 Volkswagen Atlas Cross Sport

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Vehicles included in this recall may have been equipped with incorrect machined 20" rims. Vehicles not included in this recall have been equipped with OK rims.

Atlas Cross Sport Count: 22

Estimated percentage of involved with defect: less than 5%

Production Dates : JAN 28, 2021 - FEB 02, 2021

VIN Range 1 : Begin : 1V2BC2CA8MC214799 End : 1V2BC2CA1MC215244 Not sequential**Description of Defect :**

Description of the Defect : The wheel bolt seat in the affected rims may not be machined to the correct depth dimension. The material may be ~5mm too thick.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If this condition is present, the incorrect dimension of the lug bolt holes may cause insufficient thread engagement of the wheel bolt to the wheel bearing hub. This may result in failure of the threads, which may lead to separation of the wheel from the vehicle and may lead to a crash without warning.
Volkswagen is not aware of any incidents or injuries related to this condition.

Description of the Cause : Incorrect set of parameters in the CNC cutting tool that has not been verified .
The supplier did not follow the established procedures of verification and release.

Identification of Any Warning NONE
that can Occur :

Involved Components :

Component Name 1 : 20 Inch Wheel

Component Description : 20 Inch Wheel

Component Part Number : 3CM.601.025.A-8Z8

Supplier Identification :

Component Manufacturer

Name : Superior Industries de Mexico

Address : LibramientoOriente1 No.8100
Chihuahua Foreign States 31090

Country : Mexico

Chronology :

01/30/2021: Out-of-specification (Not OK) parts were found at the Chattanooga factory. Analysis started.

02/01/2021: Cause of failed parts identified.

02/04/2021 - 02/11/2021: Further analysis initiated to identify final root cause and scope of potentially affected vehicles. Yard check initiated. More information from supplier received regarding scope of potentially affected vehicles.

02/18/2021: Topic was presented Volkswagen Pre Product Safety Committee. More information regarding the risk evaluation requested.

02/24/2021: Topic was presented to Volkswagen Product Safety Committee and a recall was decided.

Description of Remedy :

Description of Remedy Program : Inspect all four wheels. Should an affected wheel be found, the wheel, lug bolts and wheel bearing will be replaced. Because the affected vehicles are within the new vehicle limited warranty period, Volkswagen will not offer a reimbursement program under this recall.

How Remedy Component Differs from Recalled Component : The remedy and recalled components share the same part numbers.
3CM.601.025.A-8Z8 20" wheel
WHT-002-438 Wheel bolt
3QF-598-625 Wheel bearing kit

Identify How/When Recall Condition was Corrected in Production : 02/01/2021: Short-term countermeasure: inspection of wheel bolt seat depth at Tier 1 supplier.
02/15/2021: process improvements at supplier.

Recall Schedule :

Description of Recall Schedule : Volkswagen began calling owners of affected vehicles on February 24, 2021. On that same day, affected inventory vehicles were put on hold pending release of the inspection.
Recall repairs will begin on or before April 30, 2021

Planned Dealer Notification Date : APR 30, 2021 - APR 30, 2021

Planned Owner Notification Date : APR 30, 2021 - APR 30, 2021

* NR - Not Reported