

Part 573 Safety Recall Report

21V-274

Manufacturer Name : Volkswagen Group of America, Inc.**Submission Date :** APR 30, 2021**NHTSA Recall No. :** 21V-274**Manufacturer Recall No. :** 44R2**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 : 149

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 Volkswagen Arteon

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Vehicles included in this recall may have received incorrectly calibrated TPMS sensor(s). Vehicles not included in the recall have received correctly calibrated TPMS sensors

Arteon vehicle count: 149

Production Dates : OCT 26, 2020 - NOV 20, 2020

VIN Range 1 : Begin : WVWAR7AN2ME004072 End : WVVTR7AN8ME005221 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : It is possible that incorrectly calibrated Tire Pressure Monitoring System (TPMS) sensors were installed on affected vehicles. If an incorrectly calibrated TPMS sensors are present, the TPMS system may not be able to detect the position of each wheel sensor after a tire rotation (ie: wheels/tires moved from rear to front). This can make the TPMS non-compliant with FMVSS 138, Tire Pressure Monitoring System.

FMVSS 1 : 138 - Tire pressure monitoring systems

FMVSS 2 : NR

Description of the Safety Risk : If a loss of tire pressure occurs, it is possible that the TPMS system will not correctly identify the position of that tire. However, in a situation where a tire pressure loss is detected, the driver will still be alerted to the condition by a telltale in the instrument cluster. According to the information in the owner's manual, if the tire pressure warning telltale illuminates, all tire pressures should be checked.

Risk: The TPMS may misidentify a tire with low air pressure, increasing the risk of a crash.

Description of the Cause : Potentially incorrect calibrated TPMS sensor(s).

Identification of Any Warning that can Occur : The driver will be alerted to a loss of tire pressured by a telltale in the instrument cluster.

Involved Components :

Component Name 1 : Wheel electronics

Component Description : Wheel electronics (TPMS)

Component Part Number : 5Q0.907.275.F

Supplier Identification :

Component Manufacturer

Name : Huf Baolong Electronics Bretten GmbH

Address : Gewerbestraße 40

Bretten

Foreign States 75015

Country : Germany

Chronology :

November 2020: first claims received. Analysis process started Identification of potentially affected vehicles initiated.

December 2020 - March 2021: Detailed technical analysis and legal evaluation conducted.

March 18, 2021: Topic was presented in Volkswagen's Pre-Product Safety Committee. Further details regarding potential non-compliance, risk assessment, technical differences and scope requested.

March 19, 2021: Topic was presented to Volkswagen Product Safety Committee. Results of tasks reviewed and more details requested.

April 14, 2021: Topic was presented to Volkswagen's Product Safety Committee and a non-compliance recall was decided.

Description of Remedy :

Description of Remedy Program : Install a TPMS repair kit. This work will be performed free of charge. Volkswagen will not offer a reimbursement program under this recall, as the affected vehicles are still within the New Vehicle Limited Warranty period.

How Remedy Component Differs from Recalled Component : The remedy part is a repair kit containing new/not affected wheel electronics and new tire valves with the part number 5Q0.998.270.D. The recalled part is the wheel electronics with the part number 5Q0.907.275.F

Identify How/When Recall Condition was Corrected in Production : Immediate measure: CW39/2020: Process improvements implemented at supplier and sub-supplier
long term measure CW08/2021: additional quality monitoring implemented at supplier.

Recall Schedule :

Description of Recall Schedule : Dealers/owners: On or before June 18, 2021
Planned Dealer Notification Date : JUN 18, 2021 - JUN 18, 2021
Planned Owner Notification Date : JUN 18, 2021 - JUN 18, 2021

* NR - Not Reported