

Part 573 Safety Recall Report

21V-695

Manufacturer Name : Volkswagen Group of America, Inc.

Submission Date : SEP 08, 2021

NHTSA Recall No. : 21V-695

Manufacturer Recall No. : 47R3



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 : 99

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2021-2021 Volkswagen ARTEON FL

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Affected vehicles have been identified through factory production records. Vehicles that are not equipped with an affected brake booster are not included in the recall.

ARTEON FL count: 99

Estimated percentage involved with defect: <0.1%

Production Dates : MAY 05, 2021 - MAY 19, 2021

VIN Range 1 : Begin : WVWHR7AN7ME010531 **End :** WVWSR7AN6ME010851 Not sequential

Description of Defect :

Description of the Defect : The pressure input rod connection on the brake booster may not have been tightened correctly to factory specifications.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the pressure input rod detaches from the brake booster, the brake pedal will not work correctly to stop the vehicle, increasing the risk of a crash. The driver can still utilize the electric parking brake to stop the vehicle.

Description of the Cause : The required torque (min. 9 Nm) of the self-locking screw connection on the two-piece brake booster pressure input rod may be too low due to a deviation of applied screw torque. As a result, the self-locking mechanism of the screw connection is impaired. Consequently, the pressure input rod can become loose during the service life of the vehicle and detach from the brake booster.

Identification of Any Warning NONE
that can Occur :

Involved Components :

Component Name 1 : Electric brake booster.

Component Description : Electric brake booster.

Component Part Number : 3Q1.614.010.BD

Supplier Identification :

Component Manufacturer

Name : Robert Bosch GmbH

Address : Robert Bosch Strasse 1
Immenstadt Foreign States 87509

Country : Germany

Chronology :

April 14, 2021: A single incident was reported from a foreign market to Volkswagen AG. Volkswagen AG initiated analysis regarding the incident, including scope, failure modes, and possible root causes.

April 2021 - August 2021: Conducted in-depth analysis with the factory and the supplier (along with X-ray and CT scan request). Identification of potentially affected vehicles started.

July 10, 2021: A second incident was reported from a foreign market to Volkswagen AG. Internal analysis ongoing.

August 26, 2021: Topic presented to Volkswagen Pre-Product Safety Committee.

August 27, 2021: Topic presented to the Volkswagen Product Safety Committee; committee requested further details regarding the identification of vehicles.

September 01, 2021: Volkswagen Product Safety Committee decided a recall.

Note: Throughout this timeframe and to-date, Volkswagen is not aware of any incidents in the United States.

To date, Volkswagen is only aware of two reported field incidents worldwide.

Description of Remedy :

Description of Remedy Program : At no cost to customers, dealers will torque the affected screw to the proper value and check afterwards. Because the affected vehicles are within the New Vehicle Limited Warranty period, Volkswagen will not offer a reimbursement plan under this recall.

How Remedy Component Differs from Recalled Component : No part will be replaced under this recall. The existing part will be checked and torqued to the correct value if needed. What distinguishes the recalled component is that the torque value is not correct.

Identify How/When Recall Condition was Corrected in Production : Since May 10, 2021, the factory has engaged a check at the end of line to identify and correct any possible loose screw connection. The factory rework department was equipped with automated documentation (camera-based) and employees were instructed again on the procedure in June 2021.

Recall Schedule :

Description of Recall Schedule : Dealers/owners: On or before November 05, 2021

Planned Dealer Notification Date : NOV 05, 2021 - NOV 05, 2021

Planned Owner Notification Date : NOV 05, 2021 - NOV 05, 2021

* NR - Not Reported