

# Part 573 Safety Recall Report

# 22V-830

**Manufacturer Name :** Volkswagen Group of America, Inc.

**Submission Date :** NOV 09, 2022

**NHTSA Recall No. :** 22V-830

**Manufacturer Recall No. :** 19Q9



## Manufacturer Information :

## Population :

**Manufacturer Name :** Volkswagen Group of America, Inc.

**Number of potentially involved :** 392

**Address :** 3800 Hamlin Road

**Estimated percentage with defect :** 5 %

Auburn Hills MI 48326

**Company phone :** 1-800-893-5298

## Vehicle Information :

**Vehicle 1 :** 2023-2023 VOLKSWAGEN ID4

**Vehicle Type :**

**Body Style :**

**Power Train :** NR

**Descriptive Information :** The recall population was determined by reviewing production records. The recalled products differ from products that were not included in the recall because recalled vehicles may have been built with incorrectly assembled sealing ring at the electric motor.  
ID4: 392

**Production Dates :** SEP 02, 2022 - OCT 03, 2022

**VIN Range 1 : Begin :** 1V2GNPE82PC000287 **End :** 1V2GNPE86PC002527  Not sequential

## Description of Defect :

**Description of the Defect :** Due to an incorrectly assembled sealing ring, it may be possible for coolant to enter the high-voltage system, potentially resulting in ground bouncing in the low-voltage system. This may interfere with the CAN communication and voltage supply of safety-critical control modules.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** Coolant ingress has the potential to affect safety critical control modules and/or vehicle warning lights. Diminished performance of safety-critical systems may affect vehicle control or performance in the event of a crash, increasing the risk of injury. It can also result in an unintended airbag deployment, increasing the risk of injury or a crash.

**Description of the Cause :** Incorrect assembly of sealing ring for cooling fluid at electric engine.

Identification of Any Warning that can Occur : Warning lights may indicate that an electrical failure exists.

## Involved Components :

Component Name 1 : Electric engine

Component Description : Coolant seal at electric engine body

Component Part Number : 1EA.901.132.F

## Supplier Identification :

### Component Manufacturer

Name : Volkswagen AG

Address : Berliner Ring 2

Wolfsburg Foreign States 38440

Country : Germany

## Chronology :

09/23/2022: First factory internal claim identified. Analysis process started.

September 2022 - October 2022: Analysis of parts initiated, risk assessment conducted and scope of potentially affected vehicles determined.

10/14/2022: Topic was presented in Volkswagen's Product Safety Committee. Additional technical details were requested.

10/28/2022: Topic was presented in Volkswagen's Product Safety Committee. More details regarding risk assessment were requested.

11/02/2022: Topic was presented in Volkswagen's Product Safety Committee and a recall was decided.

Decision was based on internal evaluation. Volkswagen is not aware of any field claims, incidents or injuries relating to this issue.

## Description of Remedy :

Description of Remedy Program : Volkswagen will replace the electric motor in certain vehicles affected by this recall. The remainder of affected vehicles will be inspected and, if a coolant leak is found at the affected seal, the electric motor will be replaced.

Volkswagen will not offer a reimbursement plan under this recall.

**How Remedy Component Differs from Recalled Component :** The recall remedy component can be distinguished from the recalled component because it is manufactured with an electric motor that has a correctly assembled coolant seal.

**Identify How/When Recall Condition was Corrected in Production :** 09/30/2022: electric engine factory - assembly procedure for coolant seal improved

### **Recall Schedule :**

**Description of Recall Schedule :** Delaers/owners: On or before January 06, 2023

**Planned Dealer Notification Date :** JAN 06, 2023 - JAN 06, 2023

**Planned Owner Notification Date :** JAN 06, 2023 - JAN 06, 2023

\* NR - Not Reported