

Part 573 Safety Recall Report

22V-162

Manufacturer Name : Volkswagen Group of America, Inc.

Submission Date : MAR 16, 2022

NHTSA Recall No. : 22V-162

Manufacturer Recall No. : 9302



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 : 351

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 Volkswagen ID4

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Vehicles included in this recall determined by production records, according to identification of affected parts by the supplier.

Vehicles not included in the recall were determined not to contain the affected parts that were identified by the supplier.

ID4 351

Production Dates : DEC 16, 2020 - DEC 08, 2021

VIN Range 1 : Begin : WVGDMPE22MP007176 End : WVGUNPE20MP064439 Not sequential

Description of Defect :

Description of the Defect : Specific soldering points on the flexible printed circuit assembled (FPCA) inside the HV battery may not establish a reliable connection due to manufacturing issues.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Unreliable connections inside the HV battery may lead to breakdowns or stalling while driving in the field. This can lead to a crash without warning.

Description of the Cause : Amount of solder contact points of FPCA is not sufficient and thickness of soldering layer out of tolerance parameters.

Identification of Any Warning : If this issue is present in the vehicle, the driver would be alerted by a message appearing in the instrument panel warning about an issue in the high voltage

that can Occur : system.

Involved Components :

Component Name 1 : HV Module MEB Battery

Component Description : HV Module MEB Battery

Component Part Number : 0Z1.915.592.H /0Z1.915.599.H

Supplier Identification :

Component Manufacturer

Name : LG ENERGY SOLUTION WROCLAW SP

Address : ul. LG 1A

Biskupice Podgórne

Foreign States 55-040

Country : Poland

Chronology :

January 16, 2021: The first known field case occurred outside of the U.S. The claim was related to the vehicle not starting at the beginning of a trip. Analysis into the non-starting condition began.

May 12, 2021: Supplier identified the root cause of the non-starting condition. Given that the claims did not relate to vehicles while driving, the topic was addressed as a quality topic.

May 2021 – December 2021: Quality and safety departments monitored the field and continued analyzing the nature and frequency of the non-starting condition.

December 16, 2021: The topic was presented to the Volkswagen pre-Product Safety Committee panel, which requested additional details on affected population.

January 13, 2022: A field claim alleging a stall while driving condition was reported in a non-Volkswagen vehicle outside of the U.S. Analysis into the stall while driving condition began.

January 14, 2022: The Volkswagen Product Safety Committee recommended continued field monitoring and requested a follow-up presentation. At this time, the analysis had just begun following the first stall while driving field complaint.

January 14, 2022 – March 1, 2022: Further analysis of field claims and related diagnosis protocols to identify whether stall while driving issue might also affect Volkswagen vehicles.

March 02, 2022: During a Multi-Brand Clearing committee meeting, impacted brands shared information on analysis of the potential stall while driving cases. Further update to differentiate between vehicles affected by the non-starting condition vs. the stall while driving condition was requested.

March 09, 2022: The Multi-Brand Clearing committee decided to conduct a recall of Volkswagen vehicles in the

U.S. that contain the affected parts.

Description of Remedy :

Description of Remedy Program : REMEDY TBD
Volkswagen will not offer a reimbursement plan under this recall.

How Remedy Component Differs from Recalled Component : Remedy parts were not assembled with the manufacturing deviation regarding the soldering issue in the battery modules.

Identify How/When Recall Condition was Corrected in Production : On the 19.7.21 the issue was corrected at the supplier.
Improvement of manufacturing at the supplier:
(at supplier) CW29/21: Optimization of amount of soldering flux material.
(corrective measure)
<(at supplier) CW32/21: Optimization of automated optical inspection.
(additional preventive measure)>

Recall Schedule :

Description of Recall Schedule : Dealers/Owners: On or before 05/13/2022

Planned Dealer Notification Date : MAY 13, 2022 - MAY 13, 2022

Planned Owner Notification Date : MAY 13, 2022 - MAY 13, 2022

* NR - Not Reported