

# Part 573 Safety Recall Report

# 22V-152

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

**Submission Date :** MAR 28, 2022

**NHTSA Recall No. :** 22V-152

**Manufacturer Recall No. :** 97GF



## Manufacturer Information :

## Population :

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

**Number of potentially involved :** 222,892

**Address :** 3800 Hamlin Road

**Estimated percentage with defect :** 100 %

Auburn Hills MI 48326

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

## Vehicle Information :

**Vehicle 1 :** 2021-2023 Volkswagen ATLAS FL

**Vehicle Type :**

**Body Style :**

**Power Train :** NR

**Descriptive Information :** The Atlas family vehicles included in this recall are manufactured with terminals of one specific supplier and have no additional measures against micromovement. Atlas family vehicles not included in this recall are manufactured with a door wiring harness containing a different contact terminals manufacturer and/or are built with additional measures to minimize micromovement at the contacts.  
ATLAS FL 113,899

**Production Dates :** OCT 04, 2019 - FEB 10, 2022

**VIN Range 1 :** Begin : 1V2NPZCA5MC500068 End : 1V2WP2CA4PC500028  Not sequential

**Vehicle 2 :** 2020-2023 Volkswagen ATLAS CROSS SPORT

**Vehicle Type :**

**Body Style :**

**Power Train :** NR

**Descriptive Information :** The Atlas family vehicles included in this recall are manufactured with terminals of one specific supplier and have no additional measures against micromovement. Atlas family vehicles not included in this recall are manufactured with a door wiring harness containing a different contact terminals manufacturer and/or are built with additional measures to minimize micromovement at the contacts.  
ATLAS CROSS SPORT 76273

**Production Dates :** SEP 25, 2019 - FEB 10, 2022

**VIN Range 1 :** Begin : 1V2LC2CA7MC200168 End : 1V2LC2CA2PC200003  Not sequential

Vehicle 3 : 2019-2020 Volkswagen ATLAS

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** The Atlas family vehicles included in this recall are manufactured with terminals of one specific supplier and have no additional measures against micromovement. Atlas family vehicles not included in this recall are manufactured with a door wiring harness containing a different contact terminals manufacturer and/or are built with additional measures to minimize micromovement at the contacts.

ATLAS 32720

Production Dates : AUG 01, 2019 - MAR 06, 2020

VIN Range 1 : Begin : 1V2MR2CA0KC592717 End : 1V2LR2CA5LC506296  Not sequential

## Description of Defect :

**Description of the Defect :** In special side crash situation, the front side airbag may deploy later than designed. This may be caused by excessive micromovement leading to fretting corrosion of the door wiring harness terminal contacts.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** In the event of a side crash, when the side airbag deployment may be necessary, the side airbag may deploy later than designed. This may lead to an increased injury to vehicle occupants.

**Description of the Cause :** Micro-movement of the wire harness (terminal A-Pillar to front door) can result in damage to the wire terminal surface. Damage to the surface can result in fretting corrosion which may cause sporadic interruption in the electrical connection to the components of the front door.

**Identification of Any Warning that can Occur :** The airbag warning light may illuminate if a malfunction is detected. Other symptoms of a sporadic interruption of the affected electrical connection can be: inadvertant rolling down windows, inadvertant park brake engagement at low speeds (below approx. 3km/h or 1.8mph), warning regarding faulty door sensor.

## Involved Components :

Component Name 1 : Door wiring Harness A-pillar

Component Description : Door wiring Harness A-pillar left/right

Component Part Number : 3CN.971.120.x/121.x

## Supplier Identification :

### Component Manufacturer

Name : Arcomex

Address : Ixtacuixtla de M.Matamoros  
Tlaxcala Foreign States 90128

Country : Mexico

## Chronology :

CW51/2020: Topic identified. Due to the nature of the customer complaints, it was handled as a regular quality issue. Analysis started. At the time, the topic was manifesting only in certain trim levels.

CW8-CW24/2021: Conduct analysis of field parts and vehicles.

CW24/2021: Root cause "fretting corrosion" determined via laboratory analysis.

3rd-4th Quarter 2021: Number of complaints begins to increase due to age of vehicle population and onset of seasonal cold temperatures.

CW03/2022: Risk Assessment completed, decision to escalate topic to Volkswagen's Product Safety Committee. Identification of potentially affected vehicles initiated, further detailed root cause analysis started.

CW04/2022: Analysis showed an increase in claims to include additional trim levels not previously identified.

02/3/2022: NHTSA requested a technical meeting to discuss recent complaints regarding underlying issue; preliminary meeting scheduled for 3/10/2022.

02/10/2022: Topic was presented at Volkswagen AG Pre-Product Safety Committee. More details requested, including: Overview of failure modes and respective root cause description, risk assessment for each failure, additional information regarding scope.

02/23/2022: Topic was presented to Volkswagen AG Product Safety Committee. Further details requested regarding potential repair solution and supply plan.

03/04/2022: Volkswagen AG Product Safety Committee decided to conduct a voluntary safety recall out of an abundance of caution.

Between February 2020 and the date of determination, Volkswagen identified 1,461 claims and 9 hard copy field reports in the U.S. related to an airbag warning light illumination arising from an Atlas door wiring harness failure.

## Description of Remedy :

Description of Remedy Program : To identify and correct this defect, authorized Volkswagen dealers will check both front doors to determine if diagnostic trouble (fault) code(s) specific to the affected wiring harness are present. If the fault code(s) are present for a front door, the affected wiring harness will be replaced in that door. Harnesses will be modified with a zip tie to secure them, and a stabilizing compound will be applied to the terminal ends of the affected wiring harness connectors.

If fault codes are not found, the existing wiring harness will be modified with a zip tie to secure it and a stabilizing compound will be applied to the terminal ends of the affected wiring harness connector(s).

The work described above will be performed at no cost to customers. Volkswagen will offer a reimbursement program under this recall.

How Remedy Component Differs from Recalled Component : The remedy component will have a zip tie securing it, as well as stabilizing compound applied to the terminal ends of the affected wiring harness connectors.

Identify How/When Recall Condition was Corrected in Production : Additional cable tie for minimizing micromovement is equipped for selected vehicles since CW49/2021, all vehicles since CW06/2022

## Recall Schedule :

Description of Recall Schedule : Dealers/owners: on or before May 10, 2022

Planned Dealer Notification Date : MAY 10, 2022 - MAY 10, 2022

Planned Owner Notification Date : MAY 10, 2022 - MAY 10, 2022

\* NR - Not Reported