

# Part 573 Safety Recall Report

# 19V-188

**Manufacturer Name :** Volkswagen Group of America, Inc.**Submission Date :** APR 15, 2019**NHTSA Recall No. :** 19V-188**Manufacturer Recall No. :** 42J5**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 : 56,173

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2015-2019 Volkswagen Golf

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** Volkswagen Golf vehicles were produced with rear coil springs from certain production batches that used a material that did not meet specifications from one sub-supplier, as well as rear coil springs from production batches made with Vanadium material from one sub-supplier with incorrect process parameters. The affected VINs are not sequential since some batches were built using correct raw material or the correct process parameters. Golf vehicle count 5,999

Production Dates : JAN 14, 2015 - OCT 27, 2018

VIN Range 1 : Begin : 3VWRA7AU3FM062297 End : 3VWW57AU6KM000460  Not sequential

Vehicle 2 : 2017-2019 Volkswagen Golf Sportwagen

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** Volkswagen Golf Sportwagen vehicles were produced with rear coil springs from certain production batches that used a material that did not meet specifications from one sub-supplier, as well as rear coil springs from production batches made with Vanadium material from one sub-supplier with incorrect process parameters. The affected VINs are not sequential since some batches were built using correct raw material or the correct process parameters. Vehicle count Golf Sportwagen 1,162

Production Dates : OCT 10, 2016 - OCT 30, 2018

VIN Range 1 : Begin : 3VW017AU4HM511577 End : 3VWY57AU6KM500045  Not sequential

Vehicle 3 : 2019-2019 Volkswagen Jetta

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** Volkswagen Jetta vehicles were produced with rear coil springs from certain production batches that used a material that did not meet specifications from one sub-supplier, as well as rear coil springs from production batches made with Vanadium material from one sub-supplier with incorrect process parameters. The affected VINs are not sequential since some batches were built using correct raw material or the correct process parameters. Jetta vehicle count 29,550

**Production Dates :** JUL 02, 2018 - OCT 22, 2018

**VIN Range 1 :** Begin : 3VWC57BUXKM060680 End : 3VWC57BU0KM103987  Not sequential

Vehicle 4 : 2018-2019 Volkswagen Tiguan

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** Volkswagen Tiguan vehicles were produced with rear coil springs from certain production batches that used a material that did not meet specifications from one sub-supplier, as well as rear coil springs from production batches made with Vanadium material from one sub-supplier with incorrect process parameters. The affected VINs are not sequential since some batches were built using correct raw material or the correct process parameters. Tiguan vehicle count 19,462

**Production Dates :** MAR 22, 2017 - NOV 06, 2018

**VIN Range 1 :** Begin : 3VV3B7AX3JM000182 End : 3VV3B7AX8KM005198  Not sequential

## Description of Defect :

**Description of the Defect :** The rear axle coil springs in affected vehicles may have been produced with material that did not meet the specifications or could have been made by using incorrect production process parameters. These issues can impact the long-term durability of the rear axle coil springs.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** Affected coil springs can break. A broken coil spring can damage a rear tire, become a hazard on the roadway and lead to a loss of vehicle control without warning, putting people at risk and possibly causing damage to other vehicles on the road.

**Description of the Cause :** Due to process deficiencies at one supplier, a material not released or approved by Volkswagen may have been used to manufacture the rear coil springs in certain vehicles. Additionally, certain production lots of coil springs may have been produced using incorrect process parameters (not in accordance with factory specifications).

**Identification of Any Warning that can Occur :** None

## Supplier Identification :

### Component Manufacturer

Name : Thyssenkrupp Components Technology  
Address : Eje 124 No. 125  
Zona Industrial San Luis Potosí FOREIGN STATES 78395  
Country : Mexico

## Chronology :

December 12, 2018: The topic was presented to Volkswagen AG and VW de Mexico Product Safety Committees. A determination of defect was made and a recall was decided. Based on this decision further tests were assigned to assure that all potential vehicles were identified.

February 15, 2019: The topic was presented to VW de Mexico Product Safety Committee.

February 27, 2019: The test results were presented to Volkswagen AG and VW de Mexico Product Safety Committees and an extension of the previous recall was decided.

\* This filing is an expansion of the 42J2/42J3 (18V-904). At the time the decision was made for the first recalled group, it was proven that the springs with the highest stress / highest load would not reach their expected lifetime. Further tests on lower stressed springs were conducted and these test results were presented to the Volkswagen AG Product Safety Committee once they were available. Based on these test results, the decision was made to also recall vehicles that had been built with the additional (lower stressed) springs.

## Description of Remedy :

Description of Remedy Program : At no cost to customers, dealers will replace the rear axle coil springs in affected vehicles. Volkswagen will offer a reimbursement plan under this recall.

How Remedy Component Differs from Recalled Component : The remedy component (rear coil spring) has the same part number as the recalled part; the difference being that the recall remedy part was produced with the correct materials and production processes.  
Jetta/Golf Sportwagon: Rear coil spring, part number: 5QM 511 115, 5QM 511 121 (varying indices)  
Tiguan LWB: Rear coil spring, part number: 5QN 511 115 (varying indices)

Identify How/When Recall Condition was Corrected in Production : Volkswagen Tiguan, Jetta, Golf and Golf SportWagen: October 05, 2018 - The supplier blocked unreleased material and Volkswagen de Mexico scrapped all parts from production lots built using unreleased material.

## Recall Schedule :

Description of Recall Schedule : Dealers - notification planned on or before March 29, 2019 and Owners - notification planned on or before April 19, 2019

Planned Dealer Notification Date : MAR 29, 2019 - MAR 29, 2019

Planned Owner Notification Date : APR 19, 2019 - APR 19, 2019

\* NR - Not Reported