

Part 573 Safety Recall Report

19V-615

Manufacturer Name : Volkswagen Group of America, Inc.**Submission Date :** AUG 21, 2019**NHTSA Recall No. :** 19V-615**Manufacturer Recall No. :** 37M2**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 : 679,027

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2015-2017 Volkswagen GTI

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population has been determined to include only subject vehicles with a shift lever assembly manufactured by one specific supplier. These were built with an automatic transmission, manual handbrake without Kessy (keyless entry) with low line electrical architecture and produced within a certain time frame. Vehicles not being recalled do not match the build criteria identified with the defect and are therefore excluded from the recall. GTI vehicle count: 17,473

Production Dates : FEB 11, 2014 - JUL 23, 2017

VIN Range 1 : Begin : 3VW4T7AU7FM000230 End : 3VW4T7AUXHM077287 Not sequential

Vehicle 2 : 2015-2016 Volkswagen Golf

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population has been determined to include only subject vehicles with a shift lever assembly manufactured by one specific supplier. These were built with an automatic transmission, manual handbrake without Kessy (keyless entry) with low line electrical architecture and produced within a certain time frame. Vehicles not being recalled do not match the build criteria identified with the defect and are therefore excluded from the recall. Golf vehicle count: 5,534

Production Dates : MAR 29, 2014 - JUL 23, 2015

VIN Range 1 : Begin : 3VW2A7AU1FM000821 End : 3VW2A7AU4GM007506 Not sequential

Vehicle 3 : 2017-2019 Volkswagen Beetle Convertible

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population has been determined to include only subject vehicles with a shift lever assembly manufactured by one specific supplier. These were built with an automatic transmission, manual handbrake without Kessy (keyless entry) with low line electrical architecture and produced within a certain time frame. Vehicles not being recalled do not match the build criteria identified with the defect and are therefore excluded from the recall. Beetle Convertible vehicle count: 9,521

Production Dates : JUL 07, 2016 - JUN 04, 2019

VIN Range 1 : Begin : 3VW517AT7HM800031 End : 3VW5DAAT7KM511288 Not sequential

Vehicle 4 : 2017-2017 Volkswagen Golf SportWagen

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population has been determined to include only subject vehicles with a shift lever assembly manufactured by one specific supplier. These were built with an automatic transmission, manual handbrake without Kessy (keyless entry) with low line electrical architecture and produced within a certain time frame. Vehicles not being recalled do not match the build criteria identified with the defect and are therefore excluded from the recall. Golf SportWagen vehicle count: 10,149

Production Dates : JUN 23, 2016 - JUL 12, 2017

VIN Range 1 : Begin : 3VW017AU2HM500450 End : 3VW017AU3HM545008 Not sequential

Vehicle 5 : 2018-2019 Volkswagen Golf

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population has been determined to include only subject vehicles with a shift lever assembly manufactured by one specific supplier. These were built with an automatic transmission, manual handbrake without Kessy (keyless entry) with low line electrical architecture and produced within a certain time frame. Vehicles not being recalled do not match the build criteria identified with the defect and are therefore excluded from the recall. Golf vehicle count: 1,847

Production Dates : APR 09, 2018 - MAY 09, 2019

VIN Range 1 : Begin : 3VWG17AU3JM280207 End : 3VWG57AU1KM022208 Not sequential

Vehicle 6 : 2018-2019 Volkswagen GTI

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population has been determined to include only subject vehicles with a shift lever assembly manufactured by one specific supplier. These were built with an automatic transmission, manual handbrake without Kessy (keyless entry) with low line electrical architecture and produced within a certain time frame. Vehicles not being recalled do not match the build criteria identified with the defect and are

therefore excluded from the recall. GTI vehicle count: 3,805

Production Dates : JUL 17, 2017 - MAY 09, 2019

VIN Range 1 : Begin : 3VW447AU0JM251340 End : 3VW6T7AU3KM022048 Not sequential

Vehicle 7 : 2015-2018 Volkswagen Jetta

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population has been determined to include only subject vehicles with a shift lever assembly manufactured by one specific supplier. These were built with an automatic transmission, manual handbrake without Kessy (keyless entry) with low line electrical architecture and produced within a certain time frame. Vehicles not being recalled do not match the build criteria identified with the defect and are therefore excluded from the recall. Jetta vehicle count: 135,485

Production Dates : JUL 11, 2014 - DEC 09, 2017

VIN Range 1 : Begin : 3VW2K7AJ7FM201545 End : 3VW2B7AJ6JM264032 Not sequential

Vehicle 8 : 2012-2016 Volkswagen Beetle

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population has been determined to include only subject vehicles with a shift lever assembly manufactured by one specific supplier. These were built with an automatic transmission, manual handbrake without Kessy (keyless entry) with low line electrical architecture and produced within a certain time frame. Vehicles not being recalled do not match the build criteria identified with the defect and are therefore excluded from the recall. Beetle vehicle count: 53,784

Production Dates : JUN 10, 2011 - JUL 29, 2016

VIN Range 1 : Begin : 3VWV87AT3CM600199 End : 3VWF17AT2GM639106 Not sequential

Vehicle 9 : 2018-2019 Volkswagen Golf SportWagen

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population has been determined to include only subject vehicles with a shift lever assembly manufactured by one specific supplier. These were built with an automatic transmission, manual handbrake without Kessy (keyless entry) with low line electrical architecture and produced within a certain time frame. Vehicles not being recalled do not match the build criteria identified with the defect and are therefore excluded from the recall. Golf SportWagen vehicle count: 4,369

Production Dates : JUN 26, 2017 - MAY 13, 2019

VIN Range 1 : Begin : 3VW117AU1JM750031 End : 3VWH17AU1KM511725 Not sequential

Vehicle 10 : 2011-2014 Volkswagen Jetta

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population has been determined to include only subject vehicles with a shift lever assembly manufactured by one specific supplier. These were built with an automatic transmission, manual handbrake without Kessy (keyless entry) with low line electrical architecture and produced within a certain time frame. Vehicles not being recalled do not match the build criteria identified with the defect and are therefore excluded from the recall. Jetta vehicle count: 405,891

Production Dates : MAR 18, 2010 - JUL 18, 2014

VIN Range 1 : Begin : 3VWGX7AJ6BM000043 End : 3VWD07AJ5EM445949 Not sequential

Vehicle 11 : 2017-2019 Volkswagen Beetle

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population has been determined to include only subject vehicles with a shift lever assembly manufactured by one specific supplier. These were built with an automatic transmission, manual handbrake without Kessy (keyless entry) with low line electrical architecture and produced within a certain time frame. Vehicles not being recalled do not match the build criteria identified with the defect and are therefore excluded from the recall. Beetle vehicle count: 11,943

Production Dates : JUL 15, 2016 - JUN 04, 2019

VIN Range 1 : Begin : 3VWF17AT3HM600395 End : 3VWFD7AT4KM717210 Not sequential

Vehicle 12 : 2012-2016 Volkswagen Beetle Convertible

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population has been determined to include only subject vehicles with a shift lever assembly manufactured by one specific supplier. These were built with an automatic transmission, manual handbrake without Kessy (keyless entry) with low line electrical architecture and produced within a certain time frame. Vehicles not being recalled do not match the build criteria identified with the defect and are therefore excluded from the recall. Beetle Convertible vehicle count: 19,226

Production Dates : FEB 15, 2012 - JUL 28, 2016

VIN Range 1 : Begin : 3VW5X7AT4CM800236 End : 3VW517AT5GM823936 Not sequential

Description of Defect :

Description of the Defect : Over time, a build-up of silicate on the shift lever micro switch contacts can result in an isolation-like layer that may be interpreted as an open micro switch. This open switch normally indicates that the shift lever is in "P" park position. If the build-up happens, it may be possible to remove the key from the ignition switch without the shift lever being in the "P" Park position because the system isn't able to recognize that the vehicle is not in "P" Park. This makes the vehicle noncompliant with FMVSS 114; Theft protection and rollaway prevention.

FMVSS 1 : 114 - Theft protection

FMVSS 2 : NR

Description of the Safety Risk : If the ignition key is removed without the shift lever being in "P" Park position, there is a risk that the vehicle may roll away, resulting in a crash that could injure people and damage property.

Description of the Cause : Possible failure of the micro switch ("P" Park position detection) in the shift lever due to increased resistance caused by silicate contamination on the contact surface.

Identification of Any Warning that can Occur : In some of the affected models an audible warning sound and failure message and/or a warning light may appear in instrument cluster while the vehicle is in motion, due to the micro switch failure.

Supplier Identification :

Component Manufacturer

Name : ZF Friedrichshafen AG

Address : 12001 Tech Center Drive
Livonia MICHIGAN 48150

Country : United States

Chronology :

July 04, 2018: Topic was presented to VWAG Product Safety Committee where a determination of non-compliance with 571.114 Standard No. 114; ""Theft protection and rollaway prevention"" was made and compliance recall decision was made for a specific population of vehicles (VW Recall 37L5, NHTSA 18V464000). For the 37L5 population, root cause and contributing factors as well as the consequence was understood and a non-compliance determined.

July 2018 - December 2018: ongoing analysis in order to check if further vehicle population may be affected and non-compliant. Due to the high complexity and multiple factors and variations that could contribute to this issue, the existing complex analysis program was extended.

Since not all vehicles have a control unit with a diagnosis function for the micro switch, it had to be verified if further vehicles/models might be affected. Vehicles without diagnosis of this system showed no complaints in

the field. Field parts had been requested for those vehicles in order to identify potentially affected vehicles. December 2018 - July 2019: Due to new technology/new series level used in the vehicles, additional contributing factors had to be included into the analysis program as well as a new assessment of the consequence of the new technology.

July 5, 2019: Topic and interim analysis results were presented to Volkswagen's Product Safety Committee. Further details requested.

August 14, 2019: Topic was presented to Volkswagen's Product Safety Committee where a determination of non-compliance was made and a new recall (VW Recall 37M2) decided. New analysis results showed that the main contributing factor is not the silver coating but rather current spikes in the vehicles electrical system architecture.

Description of Remedy :

Description of Remedy Program : At no cost to owners, Volkswagen dealers will install an additional switch and circuit board. Volkswagen will offer a reimbursement program under this recall.

How Remedy Component Differs from Recalled Component : To remedy this defect, a new switch (located outside of the gear shift lever housing) and an additional control unit will be installed. Additionally, the micro switch at the shift lever (already present in the vehicle) will be disabled.
Part number of the remedy part is: 5Q0.713.128.A.

Identify How/When Recall Condition was Corrected in Production : To avoid current spikes a current limiter was developed and implemented into the wiring harness of the gear selector assembly.
CW20/2019: Golf, Golf wagon, GTI
CW23/2019: New Beetle, New Beetle Convertible
The Jetta had already end of production and therefore no measures could be implemented.

Recall Schedule :

Description of Recall Schedule : Dealers/owners: on or before October 11, 2019.

Planned Dealer Notification Date : OCT 11, 2019 - OCT 11, 2019

Planned Owner Notification Date : OCT 11, 2019 - OCT 11, 2019

* NR - Not Reported