

Part 573 Safety Recall Report

17V-509

Manufacturer Name : Volkswagen Group of America, Inc.

Submission Date : JUL 23, 2018

NHTSA Recall No. : 17V-509

Manufacturer Recall No. : 20AE



Manufacturer Information :

Population :

Manufacturer Name : Volkswagen Group of America, Inc.

Number of potentially involved : 280,915

Address : 3800 Hamlin Road

Estimated percentage with defect : 100 %

Auburn Hills MI 48326

Company phone : 1-800-893-5298

Vehicle Information :

Vehicle 1 : 2009-2012 Volkswagen CC

Vehicle Type :

Body Style :

Power Train : GAS

Descriptive Information : An investigation relating to the fuel pump control module on 4-cylinder gasoline engine vehicles in China by Chinese authorities resulted in a safety recall decision for the Chinese market. Substantially similar vehicles built with a 4-cylinder gasoline engine and fuel pump control module (part # 1K0 906 093 indices E, F, G) are sold in the United States market as well.

Production Dates : JUN 11, 2008 - DEC 24, 2011

VIN Range 1 : Begin : WVVML73C59E504471 End : WVVHP7AN0CE553420 Not sequential

Vehicle 2 : 2013-2016 Volkswagen CC (CCF)

Vehicle Type :

Body Style :

Power Train : GAS

Descriptive Information : An investigation relating to the fuel pump control module on 4-cylinder gasoline engine vehicles in China by Chinese authorities resulted in a safety recall decision for the Chinese market. Substantially similar vehicles built with a 4-cylinder gasoline engine and fuel pump control module (part # 1K0 906 093 indices E, F, G) are sold in the United States market as well.

Production Dates : JAN 19, 2012 - APR 15, 2016

VIN Range 1 : Begin : WVVAP7AN9DE500024 End : WVVBP7AN1GE518137 Not sequential

Vehicle 3 : 2006-2010 Volkswagen Passat Sedan (6th generation) Mosel Production

Vehicle Type :

Body Style :

Power Train : GAS

Descriptive Information : An investigation relating to the fuel pump control module on 4-cylinder gasoline

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Production Dates : APR 27, 2005 - MAY 28, 2010

VIN Range 1 : Begin : WVWEK93C96P009158 End : WVWJK7ANXAP055890 Not sequential

Vehicle 4 : 2006-2010 Volkswagen Passat Wagon (6th generation) Emden Production

Vehicle Type :

Body Style :

Power Train : GAS

Descriptive Information : An investigation relating to the fuel pump control module on 4-cylinder gasoline engine vehicles in China by Chinese authorities resulted in a safety recall decision for the Chinese market. Substantially similar vehicles built with a 4-cylinder gasoline engine and fuel pump control module (part # 1K0 906 093 indices D, E, F, G) are sold in the United States market as well.

Production Dates : JUL 05, 2005 - JUN 01, 2010

VIN Range 1 : Begin : WVWEK93CX6E042701 End : WVWXM7AN6AE170101 Not sequential

Vehicle 5 : 2006-2010 Volkswagen Passat Sedan (6th generation) Emden Production

Vehicle Type :

Body Style :

Power Train : GAS

Descriptive Information : An investigation relating to the fuel pump control module on 4-cylinder gasoline engine vehicles in China by Chinese authorities resulted in a safety recall decision for the Chinese market. Substantially similar vehicles built with a 4-cylinder gasoline engine and fuel pump control module (part # 1K0 906 093 indices D, E, F, G) are sold in the United States market as well.

Production Dates : FEB 15, 2005 - JUN 01, 2010

VIN Range 1 : Begin : WVWEK93C76E002737 End : WVWJM7ANXAE170141 Not sequential

Description of Defect :

Description of the Defect : Under specific operating conditions, an interruption in the electrical power supply to the fuel pump control module can lead to a loss of vehicle motive power while driving (vehicle stall). This condition can also cause the fuel pump to run continuously, resulting in a drained vehicle battery and/or a no-start condition. An engine stall while driving can increase the risk of a vehicle crash.

As a point of clarification, this defect affecting the fuel pump control module does not adversely affect the fuel pump.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An engine stall while driving can increase the risk of a vehicle crash.

Description of the Cause : The specific load condition (67% PWM excitation rate) in combination with the 138 Watt fuel pump in 4-cylinder Passat 6th generation and CC vehicles leads to increased no-load current and thus increased heat development. In combination with mechanical stress on the control module (installation of the fuel pump control module underneath the rear seat) electrical components in the control module could fail, leading to an interruption of the power supply to the fuel pump or to a constant power supply to the fuel pump (drained battery).

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Kendrion Kuhnke Automotive GmbH
Address : Passenger Cars
Luetjenburger Strasse 101 Malente FOREIGN STATES 23714
Country : Germany

Chronology :

April 2016: VWAG received the first inquiry from the Chinese authority DPAC.
April 2016: VWAG began analysis with Supplier Kuhnke Automotive GmbH & Co. KG. Analysis program and parts collection from Chinese market initiated.
October 2016: The first analysis parts from Chinese market arrived at VWAG in Wolfsburg, Germany.
January 11, 2017: The first presentation was provided to the VWAG Product Safety Committee. This presentation included assessment of possible causes. It was determined that further and deeper analysis was needed to understand the contributing factors and root cause.
August 10, 2017: The VWAG Product Safety Committee determined the presence of a defect and the decision to conduct a safety recall was made.

Description of Remedy :

Description of Remedy Program : When sufficient quantity of replacement parts become available, Volkswagen will notify owners of affected vehicles and will instruct them to arrange for an appointment with an authorized dealer. Dealers will replace the affected fuel pump control modules. To reduce the thermal influence and mechanical stress, the replaced part will be relocated within the vehicle. This work will be performed for customers free of charge.

How Remedy Component Differs The new replacement fuel pump control module is an improved

from Recalled Component : replacement part from a different supplier. To reduce the thermal influence and mechanical stress, the newly replaced part will be installed in different location in the vehicle.

The recalled fuel pump control unit has the part number: 1K0 906 093 indices D, E, F, G from the supplier Kuhnke.

Identify How/When Recall Condition was Corrected in Production : The Volkswagen Passat 6th generation vehicles had the recalled part in production until End of Production in CY 2011.

The Volkswagen CC: implementation of an improved part on April 11, 2016 with part number 1K0 906 093 H - from a different supplier.

Recall Schedule :

Description of Recall Schedule : Dealers: August 2017 - upcoming recall notice/stop sale. Recall launch notification planned for June 18, 2018

Owners: October 13, 2017 - Interim recall notice. Recall launch notification planned to begin on June 26, 2018..

Planned Dealer Notification Date : JUN 25, 2018 - JUN 25, 2018

Planned Owner Notification Date : JUN 26, 2018 - JUN 26, 2018

* NR - Not Reported