

Part 573 Safety Recall Report

19V-035

Manufacturer Name : Volkswagen Group of America, Inc.

Submission Date : JAN 16, 2019

NHTSA Recall No. : 19V-035

Manufacturer Recall No. : 24DP



Manufacturer Information :

Population :

Manufacturer Name : Volkswagen Group of America, Inc.

Number of potentially involved : 74,881

Address : 3800 Hamlin Road

Estimated percentage with defect : 1 %

Auburn Hills MI 48326

Company phone : 1-800-893-5298

Vehicle Information :

Vehicle 1 : 2016-2018 Audi A7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Recalled vehicles have received fuel rails manufactured from June 2013 until April 1, 2017. The fuel rails on vehicles built after that date are equipped with a more robust welding seam and are not affected by this recall.

Audi A7 Vehicle Count: 11727

Production Dates : OCT 31, 2014 - FEB 02, 2018

VIN Range 1 : Begin : WAUWGAF9GN000599 **End :** WAUW3AFC6JN085193 Not sequential

Vehicle 2 : 2015-2018 Audi A8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Recalled vehicles have received fuel rails manufactured from June 2013 until April 1, 2017. The fuel rails on vehicles built after that date are equipped with a more robust welding seam and are not affected by this recall.

Audi A8 (Model Code 4HL) Vehicle Count: 6345

Production Dates : MAR 12, 2014 - JUL 18, 2017

VIN Range 1 : Begin : WAU3GAFD7FN000515 **End :** WAU44AFD9JN000697 Not sequential

Vehicle 3 : 2015-2015 Audi A8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Recalled vehicles have received fuel rails manufactured from June 2013 until April 1,

Descriptive Information : 2017. The fuel rails on vehicles built after that date are equipped with a more robust welding seam and are not affected by this recall.
Audi A8 (Model Code 4HC) Vehicle Count: 689

Production Dates : APR 11, 2014 - MAY 07, 2015

VIN Range 1 : Begin : WAUJGAFD7FN003146 **End :** WAUJGAFD1FN040645 Not sequential

Vehicle 4 : 2016-2018 Audi A6 Sedan

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Recalled vehicles have received fuel rails manufactured from June 2013 until April 1, 2017. The fuel rails on vehicles built after that date are equipped with a more robust welding seam and are not affected by this recall.
Audi A6 Sedan Vehicle Count: 17219

Production Dates : NOV 03, 2014 - FEB 01, 2018

VIN Range 1 : Begin : WAUHG AFC4GN000602 **End :** WAUG3AFC2JN085177 Not sequential

Vehicle 5 : 2016-2018 Audi Q7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Recalled vehicles have received fuel rails manufactured from June 2013 until April 1, 2017. The fuel rails on vehicles built after that date are equipped with a more robust welding seam and are not affected by this recall.
Audi Q7 Vehicle Count: 38901

Production Dates : AUG 30, 2015 - JAN 24, 2018

VIN Range 1 : Begin : WA1ZZZF79GD000100 **End :** WA1VAAF77JD028895 Not sequential

Description of Defect :

Description of the Defect : It is possible that a small amount of fuel may leak from one or both fuel rails.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Leaking fuel, in the presence of an ignition source, may result in a fire.

Description of the Cause : Engineering analysis shows that variations in the plastic welding process of the fuel rail components at the supplier may have occurred in the affected vehicles. Due to these variations, fuel leaks in the end cap area of the fuel rails may occur over time. The amount of leaking fuel is low and the customer may notice a fuel odor in the vehicle if this condition is present.

Identification of Any Warning : The customer may notice a fuel odor in the vehicle if the defect condition is

that can Occur : present.

Supplier Identification :

Component Manufacturer

Name : NovaTech CZ, s.r.o.

Address : Prikop 4

Brno FOREIGN STATES CZ-602 00

Country : Czech Republic

Chronology :

June 2017: Increase in field complaints about fuel odor caused by minor fuel leaks on the fuel rails. Issue reported to the Audi AG Product Safety Committee.

July 2017 - February 2018: Detailed investigation of field cases and simulation tests to understand root cause and possible contributing factors.

March - October 2018: Additional testing regarding influence of temperature and climate as well as different fuel qualities as well as impacts and probabilities. Test results showed that long-term bench testing did not match requirements during real-life customer driving.

November 2018: The Audi AG Product Safety Committee tasks engineering to develop a more realistic test procedure.

November 2018 - January 2019: New test procedures are developed and performed.

January 9, 2019: The results of the new test procedures are presented to the Audi Product Safety Committee. The committee makes the determination of a safety defect and decides to conduct a safety recall campaign.

Description of Remedy :

Description of Remedy Program : The left and right fuel rail will be replaced. This work will be performed by authorized Audi dealers at no cost to customers. Audi will offer a reimbursement program under this recall.

How Remedy Component Differs from Recalled Component : The remedy component differs from the recalled component in that the plastic welding process at the affected connections were improved at the supplier to increase part robustness. The part numbers of the recalled fuel rails are: left Fuel rail - 06E133681L / right fuel rail - 06E133682C
The replacement parts for this recall are: fuel rail kit (set of both fuel rails) is : 06E-198-201-B

Identify How/When Recall Condition was Corrected in Production : On April 1, 2017, the supplier increased the robustness of the plastic welding connection by improving the welding process.

Recall Schedule :

Description of Recall Schedule : Dealers/Owners: Notification anticipated on or before March 15, 2019

Planned Dealer Notification Date : MAR 15, 2019 - MAR 15, 2019

Planned Owner Notification Date : MAR 15, 2019 - MAR 15, 2019

* NR - Not Reported