

Part 573 Safety Recall Report

18V-430

Manufacturer Name : Volkswagen Group of America, Inc.**Submission Date :** JUN 25, 2018**NHTSA Recall No. :** 18V-430**Manufacturer Recall No. :** 20AV**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 : 6,633

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2013-2014 Audi S8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based upon the fact that the affected fuel line was only used in vehicles produced between June 2012 and July 2014. Before that period a different engine was installed and after that period a different fuel line was used.

Production Dates : JUN 27, 2012 - MAR 28, 2014

VIN Range 1 : Begin : WAUD2AFD2DN004908 End : WAUD2AFDXEN014930 Not sequential

Vehicle 2 : 2015-2015 Audi S8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based upon the fact that the affected fuel line was only used in vehicles produced between June 2012 and July 2014. Before that period a different engine was installed and after that period a different fuel line was used.

Production Dates : MAR 19, 2014 - OCT 21, 2014

VIN Range 1 : Begin : WAUK2AFD1FN000584 End : WAUK2AFD4FN022756 Not sequential

Vehicle 3 : 2015-2015 Audi A8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based upon the fact that the affected fuel line

Descriptive Information : was only used in vehicles produced between June 2012 and July 2014. Before that period a different engine was installed and after that period a different fuel line was used.

Production Dates : MAR 18, 2014 - AUG 01, 2014

VIN Range 1 : Begin : WAU32AFD8FN000571 **End :** WAU32AFD4FN014239 Not sequential

Vehicle 4 : 2015-2015 Audi A8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based upon the fact that the affected fuel line was only used in vehicles produced between June 2012 and July 2014. Before that period a different engine was installed and after that period a different fuel line was used.

Production Dates : APR 16, 2014 - JUL 31, 2014

VIN Range 1 : Begin : WAUJ2AFDXFN003687 **End :** WAUJ2AFD1FN014139 Not sequential

Vehicle 5 : 2013-2014 Audi A8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based upon the fact that the affected fuel line was only used in vehicles produced between June 2012 and July 2014. Before that period a different engine was installed and after that period a different fuel line was used.

Production Dates : JUN 27, 2012 - MAR 26, 2014

VIN Range 1 : Begin : WAUR2AFD2DN004929 **End :** WAUR2AFD5EN014968 Not sequential

Vehicle 6 : 2013-2014 Audi A8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based upon the fact that the affected fuel line was only used in vehicles produced between June 2012 and July 2014. Before that period a different engine was installed and after that period a different fuel line was used.

Production Dates : JUL 11, 2012 - MAR 21, 2014

VIN Range 1 : Begin : WAUA2AFD8DN006973 **End :** WAUA2AFD2EN014780 Not sequential

Description of Defect :

Description of the Defect : Over time, the fuel supply line for the high pressure fuel pump may become porous, resulting in a fuel smell or a fuel leak.

FMVSS 1 : NR

FMVSS 2 : NR

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

Description of the Cause : The fuel supply line for the high pressure fuel pump may become porous/damaged from the inside. The exact root cause and possible contributing factors are not yet fully known. Audi continues to investigate the root cause and all outside factors to fully understand the issue.

Identification of Any Warning that can Occur : Fuel smell may be noticeable to vehicle occupants.

Supplier Identification :**Component Manufacturer**

Name : Veritas AG

Address : Stettiner Str. 1-9
Gelnhausen FOREIGN STATES 63571

Country : Germany

Chronology :

"4th quarter of 2016: Single cases with fuel leaks due to a damaged fuel line were reported to Audi AG.

First quarter of 2017: Increase in reports of fuel leaks due to a damaged fuel line.

May 2017: Issue was presented in the Audi AG Product Safety Committee pre-clarification. It was decided to collect field parts for further investigation.

June 2017 - September 2017: Parts collection and analysis conducted.

October 2017: Results were presented at the Audi AG Product Safety Committee pre-clarification. It was determined that the fuel lines became porous from the inside. Further tests and investigations were tasked in order to identify the cause.

November 2017 - May 2018: Collection and analysis of additional field parts, comparison to other markets and other fuel lines, investigation of possible contributing factors and root cause. Updates were provided to the Audi Product Safety Committee. Reported failures only occurred in the United States and Canada.

June 18, 2018: Although the root cause and influential factors still have not been fully understood, the Audi Product Safety Committee made the defect determination and decided on safety recall for United States and Canadian markets. Audi continues to investigate the root cause and all outside factors to fully understand the issue.

Date of determination: June 18, 2018

Description of Remedy :

Description of Remedy Program : The fuel line will be replaced at no cost to owners. Audi will offer a reimbursement program under this recall.

How Remedy Component Differs from Recalled Component : "Part number of recalled part: 079.133.986.AB

The replacement fuel line is the part that has been used in production since July 2014. This part has a higher stiffness and is therefore less susceptible to porosity.

Identify How/When Recall Condition was Corrected in Production : In July 2014 a new fuel line with part number 079.133.986.AF was introduced in production.

Recall Schedule :

Description of Recall Schedule : Anticipated to begin in August 2018.

Planned Dealer Notification Date : AUG 21, 2018 - AUG 21, 2018

Planned Owner Notification Date : AUG 21, 2018 - AUG 21, 2018

* NR - Not Reported