

Part 573 Safety Recall Report

20V-076

Manufacturer Name : Volkswagen Group of America, Inc.**Submission Date :** FEB 12, 2020**NHTSA Recall No. :** 20V-076**Manufacturer Recall No. :** 20BX**Manufacturer Information :****Population :**

Manufacturer Name : Volkswagen Group of America, Inc.

Number of potentially involved : 8,572

Address : 3800 Hamlin Road

Estimated percentage with defect : 100 %

Auburn Hills MI 48326

Company phone : 1-800-893-5298

Vehicle Information :

Vehicle 1 : 2016-2019 Audi TT Roadster quattro

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : "The timeframe for the affected vehicles is from start of production of the 3rd generation Audi TT until May 13, 2019. TT quattro vehicles produced after May 13, 2019 are not equipped with the bracket. In addition, a certain amount of vehicles has already received the remedy before leaving the factory. Two-wheel drive vehicles are not affected because they are equipped with a different fuel tank.
Audi TT Roadster quattro vehicle count: 1957"

Production Dates : MAY 11, 2015 - JUN 04, 2019

VIN Range 1 : Begin : TRUT5CFV7G1000526 End : TRUTECFVXK1008581 Not sequential

Vehicle 2 : 2016-2019 Audi TT Coupe quattro

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : "The timeframe for the affected vehicles is from start of production of the 3rd generation Audi TT until May 13, 2019. TT quattro vehicles produced after May 13, 2019 are not equipped with the bracket. In addition, a certain amount of vehicles has already received the remedy before leaving the factory. Two-wheel drive vehicles are not affected because they are equipped with a different fuel tank.
Audi TT Coupe quattro vehicle count: 6615"

Production Dates : MAY 07, 2015 - MAY 24, 2019

VIN Range 1 : Begin : TRUC5AFVXG1000525 End : TRUA1AFV9K1008563 Not sequential

Description of Defect :

Description of the Defect : During an internal front crash test according to FMVSS208 the fuel tank was damaged by a bracket for the fuel tank heat shield.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Damage to the fuel tank may cause a fuel leak. Leaking fuel, in the presence of an ignition source, may lead to a fire.

Description of the Cause : The bracket is mounted to the vehicle body and was a common part across the TT model line until May 13, 2019. However, it does not have a functionality on quattro (four wheel drive) models. The front crash test has shown that it is possible for the quattro fuel tank to become damaged by the bracket in a crash due to production tolerances.

Identification of Any Warning that can Occur : none

Supplier Identification :**Component Manufacturer**

Name : Audi AG

Address : NR

Ingolstadt FOREIGN STATES 85045

Country : Germany

Chronology :

March 2019: Front crash test with damaged fuel tank.

April-May 2019: Analysis of root cause and influential factors.

May 2019: Change in production, bracket is removed in series production of TT quattro vehicles.

May-September 2019: Further analysis regarding dimensional and mounting tolerances, modification history of parts and comparison of previous crash test results.

September 2019: Topic was reported to the Audi Product Safety Committee.

October 2019: First presentation in the Audi Product Safety Committee. Additional testing and analysis was tasked.

October 2019 - January 2020: Additional crash tests and crash simulations to verify failure mode and root cause.

February 5, 2020: The Audi Product Safety Committee makes the determination of a defect and decides a worldwide safety recall.

Date of determination: February 5, 2020

Description of Remedy :

Description of Remedy Program : At no cost to customers, dealers will install a protective cap on the fuel tank heat shield bracket. Audi will not offer a reimbursement plan under this recall.

How Remedy Component Differs from Recalled Component : "The component itself is not recalled, therefore no part number applicable. A protective cover will be installed on the affected fuel tank heat shield bracket."

Identify How/When Recall Condition was Corrected in Production : On May 13, 2019, the bracket was discontinued in production for Audi TT quattro vehicles.

Recall Schedule :

Description of Recall Schedule : On or before April 10, 2020

Planned Dealer Notification Date : APR 10, 2020 - APR 10, 2020

Planned Owner Notification Date : APR 10, 2020 - APR 10, 2020

* NR - Not Reported