

# Part 573 Safety Recall Report

# 19V-277

**Manufacturer Name :** Volkswagen Group of America, Inc.**Submission Date :** APR 08, 2019**NHTSA Recall No. :** 19V-277**Manufacturer Recall No. :** 4709**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 : 12,645

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2018-2019 Audi Q5

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** The suspect parts are the respective first three (3) parts from two (2) different production lots. Audi is recalling all vehicles that received parts from these two (2) production lots. Vehicles not included in the recall have not received parts from these production lots and they are therefore not affected.

Audi Q5 vehicle count: 11370

Production Dates : JUL 18, 2018 - NOV 07, 2018

VIN Range 1 : Begin : WA1CNAFY3J2220394 End : WA1CNBFY3K2017044  Not sequential

Vehicle 2 : 2018-2019 Audi SQ5

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** The suspect parts are the respective first three (3) parts from two (2) different production lots. Audi is recalling all vehicles that received parts from these two (2) production lots. Vehicles not included in the recall have not received parts from these production lots and they are therefore not affected.

Audi SQ5 vehicle count: 1275

Production Dates : JUL 18, 2018 - OCT 25, 2018

VIN Range 1 : Begin : WA1C4AFY2J2220406 End : WA1B4AFY9K2006610  Not sequential

**Description of Defect :**

Description of the Defect : In certain vehicles, the brake master cylinder casting may be too short.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the brake master cylinder casting is too short, the driver may experience a sudden loss of hydraulic brake performance, with the brake pedal possibly going down to the floor. This can lead to a crash without warning. The electronic parking brake and its emergency brake function are not affected and will still perform.

Description of the Cause : Six (6) improperly manufactured brake master cylinders may have been installed within a population of 20.424 Audi vehicles worldwide. One part has already failed and was reported and analyzed. Audi is not aware of any accidents or injuries due to this issue. Due to incorrect tool setting at the Tier 2 supplier, it is possible that six (6) brake cylinder castings may have been cut too short. The deviation was found but, due to process errors at the Tier 1 and Tier 2 suppliers, the affected parts were not properly quarantined and as a result may have been erroneously mixed with correctly manufactured parts.

Identification of Any Warning that can Occur : NONE

**Supplier Identification :****Component Manufacturer**

Name : Robert Bosch LLC

Address : 38000 Hills Tech Dr.  
Farmington Hills MICHIGAN 48331

Country : United States

**Chronology :**

February 7, 2019: One Audi dealer in the United States reported a brake master cylinder failure on a dealer inventory vehicle.

February - March 2019: Detailed analysis and investigation by Audi of America, manufacturing plant in Mexico, and the parts supplier.

March 27, 2019: The topic was presented to the Audi Product Safety Committee, and further details were requested.

April 1, 2019: The Audi Product Safety Committee makes the determination of a safety defect and decides to

conduct a worldwide safety recall.

## Description of Remedy :

**Description of Remedy Program :** At no cost to customers, authorized Audi dealers will inspect the brake master cylinder in affected vehicles and, if necessary, replace it with the correct part. Audi will not offer a reimbursement plan under this recall.

**How Remedy Component Differs from Recalled Component :** The replacement parts are from different production lots and have been manufactured properly.  
Brake master cylinder, part number: 80A 611 021

**Identify How/When Recall Condition was Corrected in Production :** The Tier 2 supplier has implemented improved processes in March/April 2019. Additionally, the Tier 1 supplier will implement a new parts traceability system (expected to be in place August 2019).

## Recall Schedule :

**Description of Recall Schedule :** On or before June 07, 2019

**Planned Dealer Notification Date :** JUN 07, 2019 - JUN 07, 2019

**Planned Owner Notification Date :** JUN 07, 2019 - JUN 07, 2019

\* NR - Not Reported