

Part 573 Safety Recall Report

18V-325

Manufacturer Name : Volkswagen Group of America, Inc.

Submission Date : MAY 16, 2018

NHTSA Recall No. : 18V-325

Manufacturer Recall No. : 69W6



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 : 548

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2018 Audi S5 Cabriolet

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : NR

Descriptive Information : The recall population was determined based upon the fact that the affected airbags were only installed in Audi S5 Cabriolet vehicles equipped with the Super Sport seat during a manufacturing date from end of January 2017 (Start of Production) to early May 2017. Vehicles not included in this recall were built outside of the identified, affected production window.

Production Dates : MAR 12, 2017 - MAY 12, 2017

VIN Range 1 : Begin : WAU24GF57JN000135 **End :** WAU24GF57JN002922 Not sequential

Description of Noncompliance :

Description of the Noncompliance : The seat-mounted head/thorax airbag installed in the front passenger seat may not have been folded according to Audi manufacturing specifications.

AUDI AG has voluntarily committed to fulfill the "RECOMMENDED PROCEDURES FOR EVALUATING OCCUPANT INJURY RISK FROM DEPLOYING SIDE AIRBAGS" agreed by the Alliance, AIAM, AORC, and IIHS. In the vehicles with the affected head/thorax side airbags the Out of Position test requirements in section 3.3.3.1 ("Forward facing Hybrid III 3-year-old child dummy on booster block") may not be met. Please note that the vehicles still comply with all FMVSS and US NCAP requirements and all other parts of the "RECOMMENDED PROCEDURES FOR EVALUATING OCCUPANT INJURY RISK FROM DEPLOYING SIDE AIRBAGS" are fulfilled.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Non-compliance with Section 3.3.3.1 in the voluntary commitment to

Description of the Safety Risk : "Recommended procedures for evaluating occupant injury risk from deploying side airbags"

Description of the Cause : The head/thorax side airbag on Audi S5 Cabriolets with the Super Sport seat have not been folded according to Audi specifications due to an error at the supplier's facilities.

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Joyson Safety Systems, Inc.
Address : Kelsterbacher Straße 12-14
Raunheim FOREIGN STATES 65479
Country : Germany

Chronology :

March/April 2017: Two different series monitoring tests showed irregularities in the performance of the head/thorax side airbags.

May 3, 2017: It was identified that the airbags have not been folded according to our specifications due to an error at the supplier

May 4, 2017: Production at the supplier was corrected.

May 5, 2017: Correct parts introduced in Audi series production.

May - December 2017: Intense simulation, temperature and comparison tests.

January - March 2018: Evaluation and interpretation of the test results with the supplier. The tests showed that the improper folding causes an unfavorable airbag positioning. However, for all airbags (incl. improperly folded airbags) the head coverage is ensured and all regulatory requirements are fulfilled.

March 2018: Topic was presented at the pre-clarification of the Audi Product Safety committee.

April 2018: Topic was presented at the Audi Product Safety Committee. Review and interpretation of "Recommended procedures for evaluating occupant injury risk from deploying side airbags" was tasked.

May 11, 2018: The Audi Product Safety Committee makes the determination of a defect due to non-compliance with the voluntary agreements in the above mentioned recommendations.

Description of Remedy :

Description of Remedy Program : Replace the front passenger seat-mounted head/thorax airbag.

How Remedy Component Differs from Recalled Component : Part number of the recalled part: 8W7.880.242.E

On May 4, 2017 a new generation of the head/thorax side airbags was introduced at the supplier (version "04S"). The airbags of this new

generation have been folded as specified and fulfill all recommendations. The part number remains the same.

Identify How/When Recall Condition was Corrected in Production : On May 4, 2017 a new generation of the head/thorax side airbags was introduced at the supplier (version "04S"), these airbags went into series production at Audi as of May 5, 2017. The airbags of this new generation have been folded as specified and fulfill all recommendations.

Recall Schedule :

Description of Recall Schedule : Dealer/owner notification planned for July 2018
Planned Dealer Notification Date : JUL 12, 2018 - JUL 12, 2018
Planned Owner Notification Date : JUL 13, 2018 - JUL 13, 2018

* NR - Not Reported