

# Part 573 Safety Recall Report

# 16V-382

**Manufacturer Name :** Volkswagen Group of America, Inc.**Submission Date :** JUL 29, 2016**NHTSA Recall No. :** 16V-382**Manufacturer Recall No. :** 6902**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 : 194,453

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2005-2008 Audi A4 Avant

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : 7,329 A4 Avant

Production Dates : NOV 24, 2004 - MAY 15, 2008

VIN Range 1 : Begin : WAUKG68E85A410891 End : WAUKF78E78A170231  Not sequential

Vehicle 2 : 2007-2009 Audi A4 Cabriolet

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : 13,647 A4 Cabriolet

Production Dates : JUN 26, 2006 - MAR 18, 2009

VIN Range 1 : Begin : WAUEF48H97K013458 End : WAUAF48H89K011928  Not sequential

Vehicle 3 : 2005-2008 Audi A4 Sedan

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : 106,863 A4 Sedan

Production Dates : NOV 11, 2004 - MAY 17, 2008

VIN Range 1 : Begin : WAUDF68E15A406029 End : WAUDH78E18A170230  Not sequential

Vehicle 4 : 2006-2011 Audi A6 Avant

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : 3,338 A6 Avant

Production Dates : MAY 23, 2005 - APR 30, 2011

VIN Range 1 : Begin : WAUKG74F26N017015 End : WAU4GAFB3BN075676  Not sequential

Vehicle 5 : 2005-2011 Audi A6 Sedan

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : 54,211 A6 Sedan

Production Dates : JUL 05, 2004 - MAR 21, 2011

VIN Range 1 : Begin : WAUDL54F35N019038 End : WAUEKAFB7BN070581  Not sequential

Vehicle 6 : 2008-2008 Audi RS 4 Cabriolet

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : 255 RS 4 Cabriolet

Production Dates : SEP 05, 2007 - FEB 05, 2008

VIN Range 1 : Begin : WUAYU48H28K800083 End : WUAYU48H88K800475  Not sequential

Vehicle 7 : 2007-2008 Audi RS 4 Sedan

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : 1,866 RS 4 Sedan

Production Dates : MAR 23, 2006 - MAY 21, 2008

VIN Range 1 : Begin : WUARU78EX7N900005 End : WUADU78E88N902587  Not sequential

Vehicle 8 : 2005-2008 Audi S4 Avant

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : 724 S4 Avant

Production Dates : JAN 19, 2005 - MAY 16, 2008

VIN Range 1 : Begin : WAUUL68E85A455432 End : WAUUL78E58A170228  Not sequential

Vehicle 9 : 2007-2009 Audi S4 Cabriolet

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : 713 S4 Cabriolet

Production Dates : JUN 26, 2006 - NOV 05, 2008

VIN Range 1 : Begin : WUARL48H77K900511 End : WUARL48H79K900107  Not sequential

Vehicle 10 : 2005-2008 Audi S4 Sedan

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : 3,883 S4 Sedan

Production Dates : JAN 18, 2005 - MAY 20, 2008

VIN Range 1 : Begin : WAUPL58E25A442392 End : WAUGL78E28A170197  Not sequential

Vehicle 11 : 2007-2011 Audi S6 Sedan

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : 1624 S6 Sedan

Production Dates : JUL 14, 2006 - JAN 13, 2011

VIN Range 1 : Begin : WAUGN94F57N023125 End : WAUBNBFB9BN052941  Not sequential

## Description of Defect :

Description of the Defect : Volkswagen Group of America is providing this Defect Information Report based on Takata's May 16, 2016 Defect Information Reports covering nondesiccated frontal passenger airbag inflators produced between January

01, 2003 and December 31, 2011.

Takata has stated that it is not aware of any test ruptures in ballistic testing or confirmed field incidents of the subject non-desiccated ammonium nitrate inflators other than those already under recall as detailed in prior defect information reports. Out of an abundance of caution, however, Takata is filing this report in cooperation with NHTSA to promote public safety.

In its Defect Information Reports, Takata stated that it has determined that a defect related to motor vehicle safety may arise in some of the subject ammonium nitrate inflators due to propellant degradation occurring after prolonged exposure to high absolute humidity, high temperatures and high temperature cycling. Testing and analysis conducted by Takata and by independent entities have found that there are wide differences in the time periods in which propellant degradation takes place. The propellant degradation varies in different climate zones, in different vehicle makes and models, and in different inflator and propellant configurations. Takata believes that the subject inflators perform as originally designed and manufactured and do not pose an unreasonable risk to safety until they reach a certain level of propellant degradation.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** As reported by Takata: Activation of a non-desiccated ammonium nitrate inflator with degraded propellant may result in an inflator rupture. An inflator rupture may cause metal fragments to pass through the air bag and into the vehicle interior at high speed, which may result in injury or death to vehicle occupants.

Volkswagen is not aware of any ruptured passenger frontal airbag inflator in any Volkswagen Group vehicle worldwide.

**Description of the Cause :** As reported by Takata: The propellant wafers in some of the subject inflators may degrade over time, which could lead to over-aggressive combustion in the event the air bag is activated. Overly aggressive combustion creates excessive internal pressure when the inflator is activated, which may cause the inflator body to rupture. Based upon Takata's investigation to date, the potential for such ruptures occurs in some of the subject inflators after several years of exposure to persistent conditions of high absolute humidity, high temperatures, and high temperature cycling. The potential for rupture may also be influenced by other factors, including the specific vehicle environment, the inflator and propellant configuration, and manufacturing variability.

**Identification of Any Warning that can Occur :** NR

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

Name : Takata AG  
Address : Bahnweg 1  
Aschaffenburg FOREIGN STATES 63743  
Country : Germany

**Chronology :**

On May 16, 2016, Volkswagen was informed by NHTSA of Takata's recall filing. Date of determination: May 25, 2016.

**Description of Remedy :**

Description of Remedy Program : Owners will be notified by mail and instructed to take their vehicle to an authorized Audi dealer to have their passenger frontal airbag inflator replaced free of charge. Volkswagen will cooperate with NHTSA to prioritize and stagger vehicle repairs by joining NHTSA's coordinated remedy program. Audi is excluding reimbursement for costs associated with replacement of airbag inflators.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

**Recall Schedule :**

Description of Recall Schedule : Recall schedule to be determined.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported