

# Part 573 Safety Recall Report

# 16V-382

**Manufacturer Name :** Volkswagen Group of America, Inc.**Submission Date :** JUN 10, 2016**NHTSA Recall No. :** 16V-382**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :**

Manufacturer Name : Volkswagen Group of America, Inc.

Number of potentially involved : 190,111

Address : 3800 Hamlin Road

Estimated percentage with defect : 100 %

Auburn Hills MI 48326

Company phone : 1-800-893-5298

**Vehicle Information :**

Vehicle 1 : 2005-2011 Audi A6 Sedan

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Zone A A6 Sedan: 20,206

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

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

Vehicle 2 : 2006-2011 Audi A6 Avant

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Zone A A6 Avant: 1,119

Production Dates : MAY 31, 2005 - APR 30, 2011

VIN Range 1 : Begin : WAUKG94F36N021862 End : WAU4GAFB3BN075676  Not sequential

Vehicle 3 : 2004-2005 Audi A4

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Zone A A4: 17,387

Production Dates : AUG 19, 2002 - MAY 28, 2005

VIN Range 1 : Begin : WAUJC68E24A000805 End : WAUPL58E55A126145  Not sequential

Vehicle 4 : 2004-2005 Audi A4

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Zone A A4: 1,338

Production Dates : MAY 27, 2003 - NOV 26, 2004

VIN Range 1 : Begin : WAUVC68E54A004638 End : WAUVC68E45A126117  Not sequential

Vehicle 5 : 2005-2008 Audi A4 Sedan

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Zone A A4 Sedan: 43,203

Production Dates : NOV 11, 2004 - MAY 21, 2008

VIN Range 1 : Begin : WAUAF68EX5A407019 End : WUADU78E88N902587  Not sequential

Vehicle 6 : 2005-2008 Audi A4 Avant

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Zone A A4 Avant: 2,920

Production Dates : NOV 25, 2004 - MAY 16, 2008

VIN Range 1 : Begin : WAUKF68E05A416056 End : WAUUL78E58A170228  Not sequential

Vehicle 7 : 2005-2008 Audi A6 Sedan

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Zone B A6 Sedan: 21,178

Production Dates : JUL 05, 2004 - OCT 16, 2008

VIN Range 1 : Begin : WAUDL54F55N020045 End : WAUDN74F68N185466  Not sequential

Vehicle 8 : 2006-2008 Audi A6 Avant

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Zone B A6 Avant: 1,128

Production Dates : MAY 23, 2005 - SEP 24, 2008

VIN Range 1 : Begin : WAUKG94F26N019228 End : WAUKH74F48N184623  Not sequential

Vehicle 9 : 2004-2005 Audi A4

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Zone B A4: 17,612

Production Dates : MAY 26, 2003 - APR 11, 2005

VIN Range 1 : Begin : WAUPL68E84A000608 End : WAUKH74F48N184623  Not sequential

Vehicle 10 : 2004-2005 Audi A4

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Zone B A4: 1,261

Production Dates : MAY 27, 2003 - NOV 27, 2004

VIN Range 1 : Begin : WAUVC68E34A001057 End : WAUVC68EX5A126140  Not sequential

Vehicle 11 : 2005-2008 Audi A4 Sedan

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Zone B A4 Sedan: 40,940

Production Dates : NOV 11, 2004 - MAY 20, 2008

VIN Range 1 : Begin : WAUDF68E15A406029 End : WAUDF78E98A170224  Not sequential

Vehicle 12 : 2005-2008 Audi A4 Avant

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Zone B A4 Avant: 2,334

Production Dates : NOV 30, 2004 - MAY 14, 2008

VIN Range 1 : Begin : WAUKF68E05A420561 End : WAUUL98E68A170220  Not sequential

Vehicle 13 : 2004-2004 Audi A4

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Zone C A4: 12,537

Production Dates : MAY 24, 2003 - JUL 20, 2004

VIN Range 1 : Begin : WAULC68E74A000663 End : WAULC68EX4A303744  Not sequential

Vehicle 14 : 2004-2004 Audi A4

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Zone C A4: 1,615

Production Dates : MAY 27, 2003 - MAY 24, 2004

VIN Range 1 : Begin : WAUVC68E24A000854 End : WAUVC68E44A302596  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