

# Part 573 Safety Recall Report

# 17V-020

**Manufacturer Name :** BMW of North America, LLC**Submission Date :** FEB 14, 2017**NHTSA Recall No. :** 17V-020**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : BMW of North America, LLC

Address : P.O. Box 1227

Westwood NJ 07675-1227

Company phone : 18005257417

**Population :**

Number of potentially involved : 48,951

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2012-2012 BMW X5 xDrive30i, X5 xDrive35i, X5 xDrive48i, X5 xDrive50i, X5 M

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 21,093 vehicles were equipped with a Takata PSPI-2 passenger's front air bag inflator.

Production Dates : MAR 10, 2011 - NOV 29, 2012

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 2 : 2009-2009 BMW X5 xDrive35d

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : DIESEL

Descriptive Information : 750 vehicles were equipped with a Takata PSPI-2 passenger's front air bag inflator.

Production Dates : SEP 17, 2007 - SEP 28, 2009

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 3 : 2012-2012 BMW X6 xDrive35i, X6 xDrive50i, X6 M

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 2,889 vehicles were equipped with a Takata PSPI-2 passenger's front air bag inflator.

Production Dates : MAR 08, 2011 - MAR 28, 2012

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 4 : 2009-2009 BMW X5 xDrive30i, X5 xDrive35i, X5 xDrive48i, X5 xDrive50i, X5 M  
Vehicle Type : LIGHT VEHICLES  
Body Style : SUV  
Power Train : GAS

Descriptive Information : 6,238 vehicles were equipped with a Takata PSPI-2 passenger's front air bag inflator.

Production Dates : SEP 15, 2008 - SEP 28, 2009

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 5 : 2009-2009 BMW X6 xDrive35i, X6 xDrive50i, X6 M  
Vehicle Type : LIGHT VEHICLES  
Body Style : SUV  
Power Train : GAS

Descriptive Information : 1,196 vehicles were equipped with a Takata PSPI-2 passenger's front air bag inflator.

Production Dates : SEP 22, 2008 - SEP 28, 2009

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 6 : 2008-2008 BMW X6 xDrive35i, X6 xDrive50i, X6 M  
Vehicle Type : LIGHT VEHICLES  
Body Style : SUV  
Power Train : GAS

Descriptive Information : 808 vehicles were equipped with a Takata PSPI-2 passenger's front air bag inflator.

Production Dates : JUL 25, 2007 - SEP 26, 2008

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 7 : 2007-2008 BMW X5 xDrive30i, X5 xDrive35i, X5 xDrive48i, X5 xDrive50i, X5 M  
Vehicle Type : LIGHT VEHICLES  
Body Style : SUV  
Power Train : GAS

Descriptive Information : 15,406 vehicles were equipped with a Takata PSPI-2 passenger's front air bag inflator.

Production Dates : JUN 07, 2006 - SEP 26, 2008

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 8 : 2009-2011 BMW X5 xDrive35d  
Vehicle Type : LIGHT VEHICLES  
Body Style : SUV  
Power Train : DIESEL

Descriptive Information : 66 vehicles were equipped with a Takata PSPI-2 passenger's front air bag inflator. After updating customer addresses, these vehicles moved zones so they are being added to the recall.

Production Dates : NOV 05, 2008 - JUL 23, 2011

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 9 : 2007-2011 BMW X5 xDrive30i, X5 xDrive35i, X5 xDrive48i, X5 xDrive50i, X5 M  
Vehicle Type : LIGHT VEHICLES  
Body Style : SUV  
Power Train : GAS

Descriptive Information : 456 vehicles were equipped with a Takata PSPI-2 passenger's front air bag inflator. After updating customer addresses, these vehicles moved zones so they are being added to the recall.

Production Dates : SEP 29, 2006 - MAR 23, 2011

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 10 : 2008-2011 BMW X6 xDrive35i, X6 xDrive50i, X6 M  
Vehicle Type : LIGHT VEHICLES  
Body Style : SUV  
Power Train : GAS

Descriptive Information : 49 vehicles were equipped with a Takata PSPI-2 passenger's front air bag inflator. After updating customer addresses, these vehicles moved zones so they are being added to the recall.

Production Dates : FEB 25, 2008 - FEB 15, 2011

VIN Range 1 : Begin : NR End : NR  Not sequential

## Description of Defect :

Description of the Defect : This safety recall involves the passenger's front air bag. Approximately 48,380 affected vehicles were equipped with a Takata PSPI-2 inflator. For the defect description refer to Takata's Defect Information Reports 17E-001, 17E-002, and 17E-003.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Takata addressed the safety risk in its Defect Information Reports 17E-001, 17E-002, and 17E-003.

Description of the Cause : According to Takata's Defect Information Reports 17E-001, 17E-002, and 17E-003, its investigation to date indicates that propellant wafers in some of the subject inflators may experience an alteration over time due to several years of exposure to persistent conditions of high absolute humidity. Based upon Takata's investigation to date, the potential for 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. BMW is not aware of any test ruptures in ballistic testing or confirmed field incidents of the subject non-desiccated ammonium nitrate inflator PSPI-2

neither at vehicles in the field nor in conformity of production testing.

Identification of Any Warning NR  
that can Occur :

## Supplier Identification :

### Component Manufacturer

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

## Chronology :

Please refer to BMW's 573 filing for Recall 16V-364 dated May 25, 2016.  
In further Defect Information Reports filed with NHTSA on January 3, 2017, Takata reported that it had determined that a defect related to motor vehicle safety may arise in some additional PSPI-2 inflators. BMW decided in an abundance of caution to conduct a safety recall to replace the frontal airbag(s) on the affected vehicles, based solely on the information provided by Takata.  
BMW has not received any reports, nor is BMW otherwise aware, of any injuries or deaths related to this issue. On February 14, 2017, after updating customer addresses, it was noticed that 571 vehicles moved zones so those vehicles are being added to the recall.

## Description of Remedy :

Description of Remedy Program : The passenger's front air bag module or inflator will be replaced.

However, due to the large volume of new inflators needed to repair vehicles, the necessary parts will not be immediately available. As a result, owners of affected vehicles will be informed of the recall in an initial notification letter. Once replacement parts become available, BMW will send a second notification letter to owners, beginning with older model year vehicles located in BMW's previously defined HAH region and expanding accordingly as more parts become available.

How Remedy Component Differs from Recalled Component : The final remedy component will incorporate a different inflator or air bag module.

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

**Recall Schedule :**

Description of Recall Schedule : NR

Planned Dealer Notification Date : JAN 10, 2017 - NR

Planned Owner Notification Date : MAR 01, 2017 - NR

\* NR - Not Reported