



U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

## Part 573 Safety Recall Report

# 17V020

**Manufacturer Name:** BMW of North America, LLC

**Submission Date:** Aug 22, 2017

**NHTSA Recall No.:** 17V020

**Manufacturer Recall No.:**

### Manufacturer Information

### Population

**Manufacturer Name:** BMW of North America,  
LLC  
**Address:** P.O. Box 1227  
Westwood NJ, 07675-1227

**Total number of potentially involved:** 48,951  
**Estimated percentage with defect:** 1%

### Vehicle Information

**Vehicle 1:** 2009-2011 BMW X5 xDrive35d

**Product Category:** Light Vehicles

**Product Type:**

**Fuel / Propulsion:** Compression Ignition Fuel

**Production Dates:** Nov 05, 2008 - Jul 23, 2011

**Number of potentially involved:**

**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.

**Vehicle 2:** 2012-2012 BMW X6 xDrive35i, X6 xDrive50i, X6 M

**Product Category:** Light Vehicles

**Product Type:**

**Fuel / Propulsion:** Spark Ignition Fuel

**Production Dates:** Mar 08, 2011 - Mar 28, 2012

**Number of potentially involved:**

**Descriptive Information:**

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

**Vehicle 3:** 2007-2008 BMW X5 xDrive30i, X5 xDrive35i, X5 xDrive48i, X5  
xDrive50i, X5 M

**Part 573 Safety Recall Report****17V020****Product Category:** Light Vehicles**Product Type:****Fuel / Propulsion:** Spark Ignition Fuel**Production Dates:** Jun 07, 2006 - Sep 26, 2008**Number of potentially involved:****Descriptive Information:**

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

**Vehicle 4:** 2009-2009 BMW X5 xDrive35d**Product Category:** Light Vehicles**Product Type:****Fuel / Propulsion:** Compression Ignition Fuel**Production Dates:** Sep 17, 2007 - Sep 28, 2009**Number of potentially involved:****Descriptive Information:**

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

**Vehicle 5:** 2008-2011 BMW X6 xDrive35i, X6 xDrive50i, X6 M**Product Category:** Light Vehicles**Product Type:****Fuel / Propulsion:** Spark Ignition Fuel**Production Dates:** Feb 25, 2008 - Feb 15, 2011**Number of potentially involved:****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.

**Vehicle 6:** 2009-2009 BMW X5 xDrive30i, X5 xDrive35i, X5 xDrive48i, X5 xDrive50i, X5 M**Product Category:** Light Vehicles**Product Type:****Fuel / Propulsion:** Spark Ignition Fuel**Production Dates:** Sep 15, 2008 - Sep 28, 2009**Number of potentially involved:**

**Part 573 Safety Recall Report****17V020****Descriptive Information:**

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

**Vehicle 7:** 2009-2009 BMW X6 xDrive35i, X6 xDrive50i, X6 M

**Product Category:** Light Vehicles

**Product Type:**

**Fuel / Propulsion:** Spark Ignition Fuel

**Production Dates:** Sep 22, 2008 - Sep 28, 2009

**Number of potentially involved:**

**Descriptive Information:**

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

**Vehicle 8:** 2007-2011 BMW X5 xDrive30i, X5 xDrive35i, X5 xDrive48i, X5 xDrive50i, X5 M

**Product Category:** Light Vehicles

**Product Type:**

**Fuel / Propulsion:** Spark Ignition Fuel

**Production Dates:** Sep 29, 2006 - Mar 23, 2011

**Number of potentially involved:**

**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.

**Vehicle 9:** 2012-2012 BMW X5 xDrive30i, X5 xDrive35i, X5 xDrive48i, X5 xDrive50i, X5 M

**Product Category:** Light Vehicles

**Product Type:**

**Fuel / Propulsion:** Spark Ignition Fuel

**Production Dates:** Mar 10, 2011 - Nov 29, 2012

**Number of potentially involved:**

**Descriptive Information:**

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

**Vehicle 10:** 2008-2008 BMW X6 xDrive35i, X6 xDrive50i, X6 M

**Part 573 Safety Recall Report****17V020****Product Category:** Light Vehicles**Product Type:****Fuel / Propulsion:** Spark Ignition Fuel**Production Dates:** Jul 25, 2007 - Sep 26, 2008**Number of potentially involved:****Descriptive Information:**

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

**Defect / Noncompliance Description****Description of the defect or noncompliance:**

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.

**FMVSS1:****FMVSS2:****Description of the safety risk, including crash, fire, death, injury:**

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 that can occur:****Component Manufacturer****Tier of Supplier:**

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**Supplier Type:**
**Name:** Takata AG

**Address:** Bahnweg 1  
Aschaffenburg Foreign States, 63743

**Country:** Germany

## Involved Components

**Component Name 1:**
**Component Description:**
**Component Part Number:**

## 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.

**Related NHTSA Recall Number:**

## Description of Remedy

**Remedy Type:** Repair

**Consumer Advisories:**  Do Not Drive  Park Outside

**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.

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**17V020****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:**

## Reimbursement Plan

**Description of reimbursement program:****Period of reimbursement:****Costs to be reimbursed:****Address for reimbursement claims:**

## Recall Schedule

**Description of recall schedule:**

Dealers are planned to be notified on Jan 10, 2017.  
Owners are planned to be notified on Mar 1, 2017.

**Planned Dealer Notification Date:** Jan 10, 2017 No Dealers**Planned Interim Owner Notification Date:** No Owners**Planned Remedy Owner Notification Date:** Mar 01, 2017 Phased Recall**Date when VIN will be searchable:**