

Part 573 Safety Recall Report

16V-683

Manufacturer Name : BMW of North America, LLC**Submission Date :** SEP 20, 2016**NHTSA Recall No. :** 16V-683**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 : 3,606

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2015-2015 BMW X3 (X3 sDrive28i, X3 xDrive28i, X3 xDrive35i)

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 1116 vehicles equipped with a Takata PSDI-X driver's front air bag inflator.

Production Dates : MAY 09, 2014 - JUL 11, 2014

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

Vehicle 2 : 2015-2015 BMW X3 xDrive28d

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : DIESEL

Descriptive Information : 160 vehicles equipped with a Takata PSDI-X driver's front air bag inflator.

Production Dates : MAY 09, 2014 - JUL 11, 2014

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

Vehicle 3 : 2015-2015 BMW X4 (X4 xDrive28i, X4 xDrive35i)

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 228 vehicles equipped with a Takata PSDI-X driver's front air bag inflator.

Production Dates : MAY 28, 2014 - JUL 11, 2014

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

Vehicle 4 : 2014-2015 BMW X5 (X5 xDrive35i, X5 sDrive35i, X5 xDrive50i)

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 2068 vehicles equipped with a Takata PSDI-X driver's front air bag inflator.

Production Dates : MAY 07, 2014 - NOV 18, 2014

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

Vehicle 5 : 2014-2014 BMW X5 xDrive35d

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : DIESEL

Descriptive Information : 34 vehicles equipped with a Takata PSDI-X driver's front air bag inflator.

Production Dates : JUN 17, 2014 - JUL 21, 2014

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

Description of Defect :

Description of the Defect : This safety recall involves the driver's front air bag. Approximately 3606 vehicles were equipped with a Takata PSDI-X inflator where the housing may have been incorrectly welded.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : *Describe the safety risk (max characters 2000):
If the inflator housing was incorrectly welded, then it could separate from the base plate during an air bag deployment. This could result in metal passing through the air bag cushion material. This may result in injury or death to vehicle occupants.

Description of the Cause : Although analysis is ongoing, preliminary indications point to a manufacturing error which caused an uneven weld condition at Takata in Monclova, Mexico.

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 August 15, 2016, BMW was notified of a front-end collision in Georgia involving a Model Year 2014 BMW X5 that occurred on July 22, 2016. The accident resulted in a deployment of the driver's front air bag including unusual damage to the vehicle interior.

On August 22nd, a vehicle inspection was performed and the parts were analyzed. Initial examination indicated that the air bag module's inflator cap had separated from the base plate.

Between August 30 and September 7, 2016, BMW and Takata, in consultation with NHTSA, discussed the need for further analysis to determine the root cause. Detailed parts examination by BMW and Takata pointed to a possible supplier production error involving the welding process of the inflator. Takata's manufacturing documentation including welding station records and other quality control procedures were reviewed. It was confirmed that the welding of the inflator was performed incorrectly.

BMW decided to conduct a voluntary safety recall on September 13, 2016, based on the preliminary information from Takata.

BMW, Takata, and NHTSA will continue to analyze information, as well as the returned parts.

BMW has not received any reports, nor is BMW otherwise aware, of any injuries or other accidents related to this issue.

Description of Remedy :

Description of Remedy Program : The driver's front air bag will be replaced.

How Remedy Component Differs NR
from Recalled Component :Identify How/When Recall Condition NR
was Corrected in Production :

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : SEP 20, 2016 - NR

Planned Owner Notification Date : NOV 11, 2016 - NR

* NR - Not Reported