

Part 573 Safety Recall Report

17V-605

Manufacturer Name : BMW of North America, LLC

Submission Date : SEP 28, 2017

NHTSA Recall No. : 17V-605

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 : 85,302

Estimated percentage with defect : 9 %

Vehicle Information :

Vehicle 1 : 2006-2010 BMW X3 2.5i, X3 3.0i, X3 xDrive30i

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 85,302 vehicles were equipped with a front passenger seat occupant detection mat which can become defective over time.

Basis for Recall Population Determination: Vehicle assembly and supplier production information was reviewed to determine the start date of the Improved Alloy ("Gen2") mat.

Recall Component Difference to Non-Recall Component: There is no difference, as all seat mats are being recalled.

Production Dates : NOV 20, 2005 - AUG 31, 2010

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : This is an amendment to BMW's November 8, 2013 report.

This recall involves the front passenger seat occupant detection mat. Depending on seat configuration and vehicle geometry, the mat can fatigue during field usage depending on the manner and frequency of the front passenger's entry and exit. Specifically, over time micro-cracks could develop in the seat mat. If a micro-crack leads to a break of a conductive path, the system will recognize a failure. Consequently, the front passenger air bags with the exception of the head protection system will be deactivated.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In a crash of sufficient severity, the front passenger air bags may not deploy, increasing the risk of an injury.

Description of the Cause : NR

Identification of Any Warning that can Occur : The air bag warning lamp as well as the passenger air bag "on-off" lamp will be illuminated to alert the occupants of the deactivation.

Supplier Identification :

Component Manufacturer

Name : Continental Automotive Systems, Inc.

Address : One Continental Drive
Auburn Hills MICHIGAN 48326

Country : United States

Chronology :

Please refer to BMW's November 8, 2013, Part 573 report assigned NHTSA Recall ID 13V-564 and BMW's July 6, 2017, Part 573 report assigned NHTSA Recall ID 17V-428.

On April 17, 2017, NHTSA contacted BMW and requested information regarding certain Model Year 2006 – 2008 BMW vehicles identified in VOQs that were received since recall campaign 13V-564.

BMW initiated an engineering review including analyses of warranty claims and part sales, and Weilbull forecasting.

While analyzing the warranty claims using diagnostic trouble codes and claim comments, it was determined that replacement of the seat cushion occurred for a variety of reasons, and therefore the seat occupant detection mat was found to be functioning properly at times. This resulted in the number of warranty claims and parts sales being larger than the number attributable only to the defect mentioned in this report involving the seat mat. In addition, the analyses indicated that one specific model, the X3 SAV, appeared to have a higher failure rate when compared to other models.

On September 21, 2017, BMW decided to conduct a voluntary recall.

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

Description of Remedy :

Description of Remedy Program : Owners will be notified by First Class mail and instructed to take their vehicle to an authorized BMW center to have the front passenger seat occupant detection mat replaced at no charge. Owners who have replaced the seat mat at their own expense prior to the recall notification may be eligible for reimbursement according to BMW Group's general reimbursement plan in accordance with 49 CFR 573.13.

How Remedy Component Differs from Recalled Component : Recalled Component - OC3 Mat: (part number to be provided)

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

Recall Schedule :

Description of Recall Schedule : Dealers are planned to be notified on September 28, 2017.
Owners are planned to be notified on November 20, 2017.

Planned Dealer Notification Date : SEP 28, 2017 - NR

Planned Owner Notification Date : NOV 20, 2017 - NR

* NR - Not Reported