

Part 573 Safety Recall Report

17V-428

Manufacturer Name : BMW of North America, LLC**Submission Date :** JUL 06, 2017**NHTSA Recall No. :** 17V-428**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 : 2,158

Estimated percentage with defect : 6 %

Vehicle Information :

Vehicle 1 : 2006-2006 BMW 325i, 325xi, 330i, 330xi (sport seat)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 956 vehicles were equipped with a front passenger seat occupant detection mat which can become defective over time.

Production Dates : NOV 09, 2005 - NOV 30, 2005

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2006-2006 BMW 325xi (sport seat)

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Approximately 3 vehicles were equipped with a front passenger seat occupant detection mat which can become defective over time.

Production Dates : NOV 11, 2005 - NOV 18, 2005

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2006-2006 BMW 525i, 525xi, 530i, 530xi, 550i (sport seat)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 295 vehicles were equipped with a front passenger seat occupant detection mat which can become defective over time.

Production Dates : NOV 23, 2005 - NOV 30, 2005

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 4 : 2006-2006 BMW 530xi (sport seat)

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Approximately 4 vehicles were equipped with a front passenger seat occupant detection mat which can become defective over time.

Production Dates : NOV 25, 2005 - NOV 29, 2005

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2006-2006 BMW 525i, 525xi, 530i, 530xi, 550i (standard seat)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 882 vehicles were equipped with a front passenger seat occupant detection mat which can become defective over time.

Production Dates : NOV 23, 2005 - NOV 30, 2005

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 6 : 2006-2006 BMW 530xi (standard seat)

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Approximately 18 vehicles were equipped with a front passenger seat occupant detection mat which can become defective over time.

Production Dates : NOV 23, 2005 - NOV 30, 2005

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 side flanks of the 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.

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.

In May 2017, preliminary analyses of the VOQs indicated that some vehicles may not have been included in 13V-564. Further and more comprehensive analyses were necessary, including a review regarding the accuracy of the 13V-564 VIN selection.

In June, the analyses were finalized, and the revised VIN selection established the number of vehicles which were omitted from 13V-564.

On June 28, 2017, BMW decided to conduct a voluntary recall for the additional vehicles.

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 : The front passenger seat occupant detection mat of BMW 3 Series (sport seat) and BMW 5 Series (sport seat and standard seat) will be reworked so that an external force application to the seat does not cause micro-cracks in the mat. If necessary, the mat will be replaced.

How Remedy Component Differs from Recalled Component : NR

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

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : JUL 06, 2017 - NR

Planned Owner Notification Date : SEP 01, 2017 - NR

* NR - Not Reported