

# Part 573 Safety Recall Report

# 18V-533

**Manufacturer Name :** BMW of North America, LLC**Submission Date :** AUG 15, 2018**NHTSA Recall No. :** 18V-533**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

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2019-2019 BMW 430i xDrive Gran Coupe, 440i xDrive Gran Coupe, 430i xDrive Convertible

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 3 vehicles were equipped with a passenger front air bag inflator which may not have been produced to specifications.

Basis for recall population determination: Supplier production information was used to identify the start date and end date of potentially affected passenger front air bag modules, which was then correlated with vehicle assembly information to determine the start date (07/09/2018) and end date (07/09/2018) of potentially affected vehicles.

Recall component difference to non-recall component: The passenger front air bag module contains an incorrectly assembled inflator.

Production Dates : JUL 09, 2018 - JUL 09, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : This safety recall involves the passenger front air bag module. Approximately 3 vehicles were equipped with a passenger front air bag module in which the inflator may not have been produced to specifications. Specifically, a spring mechanism, which helps to secure the propellant within the inflator, may not have been released properly and may not compress the propellant as designed.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : It may be possible that the propellant integrity could degrade over time. If this occurs, it could affect restraint performance, and increase the risk of injury.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

## Supplier Identification :

### Component Manufacturer

Name : TRW Air Bag Systems GmbH

Address : 1 Wernher von Braun St.  
Aschau a. Inn FOREIGN STATES 84544

Country : Germany

## Chronology :

On July 11, 2018, during internal BMW driving tests, noise from the passenger side instrument panel was noticed. Initial analyses were conducted to determine if the noise could be caused by unsecured or loose vehicle trim, various fasteners, or related components. This initial review pointed to the rattling noise being generated by the passenger front airbag module.

Further reviews with the supplier indicated that the inflators may not have been produced to specifications.

Testing was initiated to determine if inflator functionality could be affected. Long-term durability testing involving shaker tables with various groups of inflators and input parameters was conducted. Ballistic testing was then performed to assess inflator functionality during the vehicle's lifecycle.

Based on the supplier's production records, potentially affected air bag modules were identified. BMW reviewed and analyzed its vehicle production records to identify potentially affected vehicles.

On August 8, 2018, BMW decided, in abundance of caution, to conduct a voluntary safety recall.

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

**Description of Remedy :**

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

All affected vehicles are at dealers. Therefore, Part 577 owner notifications letters are not necessary, including reimbursement for a pre-notification remedy re Part 573.13 and Part 577.11.

How Remedy Component Differs from Recalled Component : Recalled component: Front passenger air bag; p/n 72129227160

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

**Recall Schedule :**

Description of Recall Schedule : Notification to dealers is planned to begin and end on 15 Aug 2018. Notification to owners is not necessary, as all affected vehicles are at dealers.

Planned Dealer Notification Date : AUG 15, 2018 - AUG 15, 2018

Planned Owner Notification Date : NR - NR

\* NR - Not Reported