

# Part 573 Safety Recall Report

# 16V-914

**Manufacturer Name :** BMW of North America, LLC**Submission Date :** DEC 15, 2016**NHTSA Recall No. :** 16V-914**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 : 3,506

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2017-2017 BMW 6 Series Gran Coupe (640i, 640i xDrive, 650i, 650i xDrive, M6)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : BMW was informed by the supplier that the generant mix ratio in 41 air bag module igniters for the front passenger air bag may not meet specifications.

Production Dates : SEP 27, 2016 - OCT 14, 2016

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

Vehicle 2 : 2017-2017 BMW 5 Series Gran Turismo (535i, 535i xDrive)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : BMW was informed by the supplier that the generant mix ratio in 2 air bag module igniters for the front passenger air bag may not meet specifications.

Production Dates : SEP 20, 2016 - OCT 10, 2016

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

Vehicle 3 : 2016-2016 BMW 5 Series Sedan (528i, 528i xDrive, 535i, 535i xDrive, 550i, 550i xDrive, M5)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : BMW was informed by the supplier that the generant mix ratio in 98 air bag module igniters for the front passenger air bag may not meet specifications.

Production Dates : SEP 16, 2016 - OCT 12, 2016

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

Vehicle 4 : 2016-2016 BMW 5 Series Sedan (535d)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : DIESEL

Descriptive Information : BMW was informed by the supplier that the generant mix ratio in 1 air bag module igniter for the front passenger air bag may not meet specifications.

Production Dates : SEP 30, 2016 - SEP 30, 2016

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

Vehicle 5 : 2017-2017 BMW 6 Series Convertible (640i, 640i xDrive, 650i, 650i xDrive, M6)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : BMW was informed by the supplier that the generant mix ratio in 102 air bag module igniters for the front passenger air bag, driver front seat-mounted side air bag, and the passenger front seat-mounted side air bag may not meet specifications.

Production Dates : SEP 22, 2016 - DEC 09, 2016

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

Vehicle 6 : 2017-2017 BMW 6 Series Coupe (640i, 650i xDrive, M6)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : BMW was informed by the supplier that the generant mix ratio in 10 air bag module igniters for the front passenger air bag may not meet specifications.

Production Dates : OCT 10, 2016 - OCT 13, 2016

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

Vehicle 7 : 2017-2017 BMW 4 Series Convertible (430i, 430i xDrive, 440i, 440i xDrive, M4)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : BMW was informed by the supplier that the generant mix ratio in 295 air bag module igniters for the driver front seat-mounted side air bag and the passenger front seat-mounted side air bag may not meet specifications.

Production Dates : AUG 04, 2016 - SEP 28, 2016

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

Vehicle 8 : 2017-2017 BMW X1 SAV (X1 sDrive28i, X1 xDrive28i)

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : BMW was informed by the supplier that the generant mix ratio in 1,531 air bag module igniters for the driver knee air bag, front passenger knee air bag, and the left-side head air bag may not meet specifications.

Production Dates : AUG 06, 2016 - DEC 13, 2016

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

Vehicle 9 : 2017-2017 MINI Clubman (Cooper, Cooper S, Cooper All4, Cooper S All4)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : BMW was informed by the supplier that the generant mix ratio in 528 air bag module igniters for the driver knee air bag, front passenger knee air bag, the left-side head air bag, and the right-side head air bag may not meet specifications.

Production Dates : AUG 15, 2016 - OCT 10, 2016

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

Vehicle 10 : 2017-2017 MINI 4-Door (Cooper, Cooper S)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : BMW was informed by the supplier that the generant mix ratio in 192 air bag module igniters for the driver knee air bag and front passenger knee air bag may not meet specifications.

Production Dates : AUG 23, 2016 - SEP 16, 2016

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

Vehicle 11 : 2017-2017 MINI 2-Door (Cooper, Cooper S, JCW)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : BMW was informed by the supplier that the generant mix ratio in 346 air bag module igniters for the driver knee air bag and front passenger knee air bag may not meet specifications.

Production Dates : AUG 23, 2016 - SEP 16, 2016

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

Vehicle 12 : 2017-2017 MINI Convertible (Cooper, Cooper S, JCW)  
Vehicle Type : LIGHT VEHICLES  
Body Style : 2-DOOR  
Power Train : GAS

Descriptive Information : BMW was informed by the supplier that the generant mix ratio in 155 air bag module igniters for the driver knee air bag may not meet specifications.

Production Dates : AUG 15, 2016 - SEP 07, 2016

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

Vehicle 13 : 2017-2017 BMW i3  
Vehicle Type : LIGHT VEHICLES  
Body Style : 2-DOOR  
Power Train : HYBRID ELECTRIC

Descriptive Information : BMW was informed by the supplier that the generant mix ratio in 173 air bag module igniters for the driver knee air bag and front passenger knee air bag may not meet specifications.

Production Dates : JUL 29, 2016 - SEP 12, 2016

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

Vehicle 14 : 2017-2017 BMW i8  
Vehicle Type : LIGHT VEHICLES  
Body Style : 2-DOOR  
Power Train : DIESEL

Descriptive Information : BMW was informed by the supplier that the generant mix ratio in 4 air bag module igniters for the front passenger air bag may not meet specifications.

Production Dates : NOV 01, 2016 - NOV 02, 2016

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

Vehicle 15 : 2017-2017 Rolls-Royce Dawn  
Vehicle Type : LIGHT VEHICLES  
Body Style : 2-DOOR  
Power Train : GAS

Descriptive Information : BMW was informed by the supplier that the generant mix ratio in 28 air bag module igniters for the driver seat-mounted side air bag and the passenger front seat-mounted side air bag may not meet specifications.

Production Dates : AUG 23, 2016 - SEP 28, 2016

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

**Description of Defect :**

Description of the Defect : The generant mix ratio in some igniters, which are manufactured by an Autoliv Group company and supplied to other Autoliv Group companies, may not meet specifications. If the generant mix ratio does not meet specifications, the igniters may not properly function and lead to a “no-deploy” condition in the event of a crash in which air bag deployment is warranted.

FMVSS 1 : NR

FMVSS 2 : NR

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

Description of the Cause : Due to a supplier production error, certain air bag module igniters may not have been produced to specifications.

Identification of Any Warning that can Occur : NR

**Supplier Identification :****Component Manufacturer**

Name : NCS Pyrotechnie et Technologies SAS.

Address : Rue de la Cartoucherie  
BP 90010 Survilliers Fosses FOREIGN STATES 95471

Country : France

**Chronology :**

On December 6, 2016, BMW received information from the supplier regarding certain air bag module igniters which may not have been produced to specifications. On December 7, 2016, the supplier issued a corresponding Part 573 report to NHTSA since more than one auto manufacturer was involved.

Based on the supplier’s production records, potentially affected air bag modules were identified. BMW then conducted reviews and analyses of vehicle production records to identify the potentially affected vehicles.

On December 8, 2016, BMW decided to conduct a voluntary safety recall.

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

**Description of Remedy :**

Description of Remedy Program : The air bag modules will be replaced.

How Remedy Component Differs from Recalled Component : The remedy component is manufactured according to specifications.

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

**Recall Schedule :**

Description of Recall Schedule : NR

Planned Dealer Notification Date : DEC 15, 2016 - NR

Planned Owner Notification Date : FEB 06, 2017 - NR

\* NR - Not Reported