

# Part 573 Safety Recall Report

# 16V-747

**Manufacturer Name :** BMW of North America, LLC**Submission Date :** JUL 06, 2018**NHTSA Recall No. :** 16V-747**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 : 15,630

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2016-2017 BMW X1 SAV (X1 sDrive28i, X1 xDrive28i)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 7,413 vehicles may not fully conform to Section S4.3(j) (2) of FMVSS 209 ("Seat belt assemblies"), and Section 4.1.5.1 (a) (3) of FMVSS 208 ("Occupant Crash Protection").

Production Dates : MAY 12, 2016 - SEP 24, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2017-2017 BMW 5 Series Gran Turismo (535i Gran Turismo, 535i xDrive Gran Turismo, 550i xDrive Gran Turismo)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 16 vehicles may not fully conform to Section S4.3(j) (2) of FMVSS 209 ("Seat belt assemblies"), and Section 4.1.5.1 (a) (3) of FMVSS 208 ("Occupant Crash Protection").

Production Dates : AUG 26, 2016 - SEP 28, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

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

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 168 vehicles may not fully conform to Section S4.3(j) (2) of FMVSS 209

**Descriptive Information :** (“Seat belt assemblies”), and Section 4.1.5.1 (a) (3) of FMVSS 208 (“Occupant Crash Protection”).

**Production Dates :** JUN 02, 2016 - SEP 30, 2016

**VIN Range 1 : Begin :** NR **End :** NR

Not sequential

**Vehicle 4 :** 2017-2017 Rolls-Royce Ghost

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** 4-DOOR

**Power Train :** GAS

**Descriptive Information :** Approximately 28 vehicles may not fully conform to Section S4.3(j) (2) of FMVSS 209 (“Seat belt assemblies”), and Section 4.1.5.1 (a) (3) of FMVSS 208 (“Occupant Crash Protection”).

**Production Dates :** AUG 08, 2016 - SEP 13, 2016

**VIN Range 1 : Begin :** NR **End :** NR

Not sequential

**Vehicle 5 :** 2016-2017 MINI Cooper Clubman, Cooper S Clubman

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** 4-DOOR

**Power Train :** GAS

**Descriptive Information :** Approximately 5,077 vehicles may not fully conform to Section S4.3(j) (2) of FMVSS 209 (“Seat belt assemblies”), and Section 4.1.5.1 (a) (3) of FMVSS 208 (“Occupant Crash Protection”).

**Production Dates :** MAY 09, 2016 - SEP 21, 2016

**VIN Range 1 : Begin :** NR **End :** NR

Not sequential

**Vehicle 6 :** 2017-2017 MINI Hardtop 4 Door Cooper, Hardtop 4 Door Cooper S

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** 2-DOOR

**Power Train :** GAS

**Descriptive Information :** Approximately 2,954 vehicles may not fully conform to Section S4.3(j) (2) of FMVSS 209 (“Seat belt assemblies”), and Section 4.1.5.1 (a) (3) of FMVSS 208 (“Occupant Crash Protection”).

**Production Dates :** MAY 09, 2016 - SEP 21, 2016

**VIN Range 1 : Begin :** NR **End :** NR

Not sequential

**Vehicle 7 :** 2016-2016 BMW 5 Series (535d, 535d xDrive)

**Vehicle Type :** LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : DIESEL

Descriptive Information : Approximately 2 vehicles may not fully conform to Section S4.3(j) (2) of FMVSS 209 (“Seat belt assemblies”), and Section 4.1.5.1(a) (3) of FMVSS 208 (“Occupant Crash Protection”).

Production Dates : AUG 30, 2016 - OCT 04, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Noncompliance :

Description of the Noncompliance : This noncompliance involves the Emergency Locking Retractor (ELR) in the safety belt assembly of the vehicle’s front left seat. These ELRs are equipped with a vehicle-sensitive locking mechanism and a webbing-sensitive locking mechanism. The noncompliance specifically involves the vehicle-sensitive mechanism. Due to a supplier manufacturing issue, the mechanism does not lock as designed when subjected to the requirements in FMVSS 209 Section S4.3(j) (2). Therefore, affected vehicles may not fully conform to FMVSS 209 (“Seat belt assemblies”), and Section 4.1.5.1(a) (3) of FMVSS 208 (“Occupant Crash Protection”).

FMVSS 1 : 209 - Seat belt assemblies

FMVSS 2 : 208 - Occupant crash protection

Description of the Safety Risk : BMW believes that this matter is inconsequential to motor vehicle safety and therefore will be filing a Petition for Decision of Inconsequential Noncompliance in accordance with the provisions of Part 556.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

## Supplier Identification :

### Component Manufacturer

Name : Autoliv B.V. & Co. KG

Address : Otto-Hahn-Strasse 4

Elmshom FOREIGN STATES D-25337

Country : Germany

## Chronology :

On September 13, 2016 at the vehicle assembly plant, the emergency locking function of the front left safety belt did not appear to perform properly during vehicle brake testing. Initial analysis pointed to a possible issue with one or both Emergency Locking Retractor (ELR) mechanisms.

Further analysis by the safety belt supplier indicated that a deviation in the ejection molding manufacturing process may have occurred which could impair proper triggering of the ELR's vehicle sensitive mechanism. The manufacturer deviation resulted in the sensor lever and housing to be out of tolerance and cause an interference.

Further analysis and testing suggested that a possible noncompliance with FMVSS 209 Section S4.3(j)(2) may exist.

Additional reviews were conducted to determine the number and production range of potentially affected vehicles.

On October 6, 2016, BMW determined that potentially affected vehicles may not fully conform to FMVSS 209 Section S4.3(j)(2).

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

In May and June 2018, NHTSA contacted BMW and requested that BMW amend its Part 573 Report and Part 556 Petition to include a reference to FMVSS 208 Section 4.1.5.1(a)(3), if appropriate. After review, BMW believes that such an amendment is appropriate. Therefore, on 6 July 2018, BMW is amending its Part 573 Report and Part 556 Petition to include a reference to FMVSS 208 Section 4.1.5.1(a)(3).

## Description of Remedy :

Description of Remedy Program : BMW believes that this matter is inconsequential to motor vehicle safety and therefore will be filing a Petition for Decision of Inconsequential Noncompliance in accordance with the provisions of Part 556.

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 : NR - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported