

# Part 573 Safety Recall Report

# 16V-747

**Manufacturer Name :** BMW of North America, LLC**Submission Date :** MAY 09, 2019**NHTSA Recall No. :** 16V-747**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :**

Manufacturer Name : BMW of North America, LLC

Number of potentially involved : 15,455

Address : P.O. Box 1227

Estimated percentage with defect : 1 %

Westwood NJ 07675-1227

Company phone : 18005257417

**Vehicle Information :**

Vehicle 1 : 2016-2017 BMW X1 sDrive28i, X1 xDrive28i

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 7,382 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 - OCT 14, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2016-2016 BMW 528i

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 1 vehicle 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 : JUN 02, 2016 - JUN 02, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2016-2017 MINI Cooper Clubman, Cooper S Clubman

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 5,102 vehicles may not fully conform to Section S4.3(j) (2) of FMVSS

**Descriptive Information :** 209 (“Seat belt assemblies”), and Section 4.1.5.1 (a) (3) of FMVSS 208 (“Occupant Crash Protection”).

**Production Dates :** MAY 07, 2016 - SEP 20, 2016

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

**Vehicle 4 :** 2016-2017 MINI Hardtop 4 Door Cooper, Hardtop 4 Door Cooper S

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** 2-DOOR

**Power Train :** GAS

**Descriptive Information :** Approximately 2,942 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 5 :** 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

## 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 : In a crash in which heavy braking is applied, the vehicle occupant may be in a slightly more forward position when the ELR activates which could increase the risk of injury. The safety belt is also equipped with a secondary ELR that is fully functional.

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).

On November 4, 2016, BMW submitted a Petition for Inconsequential Noncompliance to NHTSA in accordance with the provision of Part 556.

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).

On May 1, 2019, NHTSA denied the Petition for Inconsequential Noncompliance.

On May 8, 2019, BMW decided to conduct a voluntary 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 driver's safety belt will be replaced. Owners will be notified by First Class mail and instructed to take their vehicle to an authorized BMW center to have the remedy performed for free. Owners who have had the remedy performed at their own expense prior to the recall notification may be eligible for reimbursement according to BMW Group's reimbursement plan in accordance with 49 CFR 573.13 and 49 CFR 577.11.

How Remedy Component Differs from Recalled Component : Recalled Component: Driver Safety Belt – p/n; 72 11 7 abc def (abc def – dependent upon brand and model)

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

## Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to begin and end on May 9, 2019. Notification to owners is expected to begin and end on May 9, 2019.

Planned Dealer Notification Date : MAY 09, 2019 - MAY 09, 2019

Planned Owner Notification Date : JUL 02, 2019 - JUL 02, 2019

\* NR - Not Reported