

# Part 573 Safety Recall Report

# 17V-507

**Manufacturer Name :** BMW of North America, LLC**Submission Date :** AUG 16, 2017**NHTSA Recall No. :** 17V-507**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 : 67

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2018-2018 BMW 4 Series Convertible (430i, 430i xDrive, 440i, 440i xDrive)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

**Descriptive Information :** Approximately 65 vehicles may have been equipped with Emergency Locking Retractors (ELR) containing incompatible vehicle-sensitive locking mechanism housings on one (or both) of the front seats.

**Basis for recall population determination:** Production date for incompatible housing vs. compatible housing.

**Recall component differentiation to non-recall component:** Recall component contains incompatible vehicle-sensitive mechanism housing.

Production Dates : JUL 07, 2017 - JUL 25, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2018-2018 BMW M4 Convertible

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

**Descriptive Information :** Approximately 2 vehicles may have been equipped with Emergency Locking Retractors (ELR) containing incompatible vehicle-sensitive locking mechanism housings on (or both) of the front seats.

**Basis for recall population determination:** Production date for incompatible housing vs. compatible housing.

**Recall component differentiation to non-recall component:** Recall component contains incompatible vehicle-sensitive mechanism housing.

Production Dates : JUL 07, 2017 - JUL 25, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Defect :

Description of the Defect : This safety recall involves the Emergency Locking Retractor (ELR) in the safety belt assembly on one (or both) of the vehicle's front seats. These ELRs are equipped with a vehicle-sensitive locking mechanism and a webbing-sensitive locking mechanism. The issue specifically involves the vehicle-sensitive mechanism. Due to a supplier error, the ELRs may have been produced with an incompatible vehicle-sensitive mechanism. In a crash of sufficient severity, the vehicle-sensitive mechanism may not cause the belt to lock. However, the webbing-sensitive mechanism remains fully functional.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In a crash of sufficient severity, the vehicle-sensitive mechanism may not cause the belt to lock, increasing the risk of an injury.

Description of the Cause : NR

Identification of Any Warning  
that can Occur : NR

## Supplier Identification :

### Component Manufacturer

Name : ZF TRW Automotive GmbH

Address : Industriestrasse 20  
Alfdorf FOREIGN STATES 73553

Country : Germany

## Chronology :

On July 27, 2017, during a driving test at a vehicle assembly plant, it was noticed that the emergency locking function of the front safety belts did not appear to perform properly during vehicle brake testing and cornering maneuvers. Initial analyses pointed to a possible issue with one or both Emergency Locking Retractor (ELR) mechanisms.

Potentially affected safety belt assemblies were provided to the supplier for further analysis.

The analyses indicated that a deviation in the assembly process may have occurred, specifically that

incompatible housings were used to assemble the ELR's vehicle-sensitive mechanism and could result in a malfunction of the ELR's vehicle-sensitive mechanism.

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

On August 9, 2017, BMW decided to conduct a voluntary recall for the potentially affected vehicles.

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 safety belt assemblies on both front seats will be inspected and, if necessary, replaced.

How Remedy Component Differs from Recalled Component : Recalled Component: Safety Belt, Front Right: p/n 7 318 346 / 348  
Recalled Component: Safety Belt, Front Left: p/n 7 318 345 / 347

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

## Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : AUG 16, 2017 - NR

Planned Owner Notification Date : OCT 09, 2017 - NR

\* NR - Not Reported