

# Part 573 Safety Recall Report

# 19V-589

**Manufacturer Name :** BMW of North America, LLC**Submission Date :** AUG 12, 2019**NHTSA Recall No. :** 19V-589**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 : 173

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2020-2020 BMW 745e xDrive

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

**Descriptive Information :** Approximately 173 Model Year 2020 BMW 745e xDrive vehicles may not fully conform to FMVSS 208 (Occupant Crash Protection) Section 7.3.

Basis for recall population determination: All Model Year 2020 745e xDrive vehicles from start-of-production through 07/26/2019.

Recall component difference to non-recall component: Recall vehicles contain Electronic Control Unit (ECU) programming that could deactivate the FMVSS 208 audible warning signal at vehicle start-up for an unbelted driver to fasten the safety belt.

Production Dates : FEB 22, 2019 - JUL 26, 2019

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential**Description of Noncompliance :**

**Description of the Noncompliance :** This recall involves Electronic Control Unit (ECU) programming which could, in certain vehicle operating conditions, deactivate the audible warning signal at vehicle start-up for an unbelted driver to fasten the safety belt. Therefore, these vehicles may not fully conform to Federal Motor Vehicle Safety Standard (FMVSS) 208 (Occupant Crash Protection) Section 7.3. The visual warning signal at vehicle start-up for an unbelted driver is not affected.

FMVSS 1 : 208 - Occupant crash protection

FMVSS 2 : NR

**Description of the Safety Risk :** Although the visual warning signal at vehicle start-up for an unbelted driver

Description of the Safety Risk : is not affected, if the audible warning signal is not present, this could increase the risk of injury to the driver in a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : The visual warning signal (symbol) for an unbelted driver to fasten the safety belt is not affected, and is displayed in the instrument cluster. Additionally, if the driver chooses to not fasten the safety belt, potentially affected vehicles are equipped with a voluntary audible safety belt reminder, which will activate after approximately 200 meters of driving distance.

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

In early July, BMW initially became aware of this condition during routine vehicle testing. An engineering review was initiated to understand the underlying conditions and effects. In addition, the applicable worldwide regulations were reviewed.

In late July, the review suggested that Electronic Control Unit (ECU) programming could, in certain vehicle operation conditions, deactivate the audible safety belt warning signal at vehicle start-up for an unbelted driver to fasten the safety belt. An analysis of use cases and probability of occurrence in the field was performed.

The review of the applicable regulations suggested a possible noncompliance with FMVSS 208 Section S7.3.

Vehicle assembly information 7 was reviewed to determine the number and production range of potentially affected vehicles.

On August 5, 2019, BMW determined that potentially affected vehicles may not fully conform to FMVSS 208 Section S7.3., and 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 ECU programming will be updated.

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. If this condition were to occur to a potentially affected vehicle prior to this recall, the remedy would be covered by the BMW New Vehicle Limited Warranty program. Therefore, reimbursement for a pre-notification remedy re Part 573.13 and Part 577.11 is not necessary.

How Remedy Component Differs from Recalled Component : Recall component – Software design configuration. / Part number – N/A (no p/n for software design configuration)

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 August, 12, 2019.

Notification to owners is planned to begin and end on October 4, 2019.

Planned Dealer Notification Date : AUG 12, 2019 - AUG 12, 2019

Planned Owner Notification Date : OCT 04, 2019 - OCT 04, 2019

\* NR - Not Reported