

Part 573 Safety Recall Report

22V-747

Manufacturer Name : BMW of North America, LLC**Submission Date :** OCT 07, 2022**NHTSA Recall No. :** 22V-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 : 1,296

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2023-2023 BMW 330e, 330e xDrive

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 1,296 vehicles may not fully conform to FMVSS 111 Section 5.5.5.

Basis for recall population determination: Vehicle assembly information and production system records were used to determine the specific dates of potentially affected vehicles.

Recall component difference to non-recall component: Vehicles may have been programmed with rearview camera software that does not allow full compliance to FMVSS 111 Section 5.5.5.

Production Dates : AUG 03, 2022 - SEP 30, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : This non-compliance recall involves the rearview camera. Vehicles may have been programmed with rearview camera software that does not allow full compliance to FMVSS 111 Section 5.5.5. In certain vehicle operating conditions when shifting into Reverse, a portion of the rearview image may be blocked.

FMVSS 1 : 111 - Rear visibility

FMVSS 2 : NR

Description of the Safety Risk : If the driver attempted to rely on the rearview camera image, this could increase the risk of a crash or injury to persons who may be behind the vehicle.

Description of the Cause : NR

Identification of Any Warning that can Occur : When shifting into Reverse, a portion of the rearview image may be blocked, which should prompt the driver to visually check, without the use of the rearview camera, for objects behind the vehicle when reversing. Furthermore, affected vehicles are equipped with a Park Distance Control (PDC) system which alerts drivers, both audibly and visually, to objects behind the vehicle.

Involved Components :

Component Name 1 : Rearview Camera Software

Component Description : Rearview Camera Software

Component Part Number : N/A

Supplier Identification :

Component Manufacturer

Name : BMW AG

Address : NR

NR

Country : NR

Chronology :

On August 26, 2022, BMW became aware of a potential issue during testing when the rearview camera image may not have displayed as intended in certain vehicle operating conditions when shifting into Reverse gear. An engineering review was initiated.

During September, functional tests were performed involving various vehicle build configurations and operational settings. A review of rearview camera regulatory requirements including FMVSS 111 was conducted. Analyses of vehicle software configurations and engineering releases were performed. Preliminary information suggested that a complete rearview camera image may not be visible under certain vehicle operating conditions.

Vehicle assembly information, production system records, and vehicle build configuration specifications including software coding levels were reviewed. These reviews were conducted to determine the specific

vehicle models and option packages that could be potentially affected.

On September 30, 2022, it was determined that potentially affected vehicles may not fully conform to FMVSS 111 Section 5.5.5. As a result, BMW decided to conduct a voluntary recall.

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

Description of Remedy :

Description of Remedy Program : Vehicles will be programmed with updated rearview camera software.

Owners will be notified by First Class mail and instructed to take their vehicle to an authorized BMW dealer to have the remedy performed for free. If this condition were noticed on 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 : Recalled Component: Rearview Camera Software; p/n – N/A

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

Recall Schedule :

Description of Recall Schedule : Dealer notification is planned to begin and end on October 7, 2022.
Owner notification is planned to begin and end on November 29, 2022.

Planned Dealer Notification Date : OCT 07, 2022 - OCT 07, 2022

Planned Owner Notification Date : NOV 29, 2022 - NOV 29, 2022

* NR - Not Reported