

Part 573 Safety Recall Report

19V-074

Manufacturer Name : BMW of North America, LLC**Submission Date :** MAR 07, 2019**NHTSA Recall No. :** 19V-074**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 : 5,920

Estimated percentage with defect : 80 %

Vehicle Information :

Vehicle 1 : 2018-2019 BMW X1 sDrive28i, X1 xDrive28i

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 5,920 vehicles were equipped with rear lamps in which the attachment hardware may not have been produced to specifications.

Basis for recall population determination: Supplier production and parts logistics records were reviewed to determine the production and delivery period of potentially affected rear lamp attachment hardware, which was correlated to vehicle assembly information to determine the start date (10/05/2018) and end date (01/18/2019) of potentially affected vehicles.

Recall component difference to non-recall component: The recalled components were installed during vehicle assembly with attachment hardware that may not have been produced to specifications.

Production Dates : OCT 05, 2018 - JAN 18, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : This safety recall involves the attachment of the rear lamps. Affected vehicles were equipped with rear lamps in which the attachment hardware may not have been produced to supplier specifications. Excessive amounts of cutting oil (from the sub-supplier's production process) may be present on the surface of the securing nuts. The oil could permeate the plastic material of the rear lamp housing and lead to cracks in the attachment bracket.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Cracks in the rear lamp attachment bracket could cause the lamp to loosen. If the vehicle was driven on a rough road, the lamp housing could separate from the vehicle, although it would still be connected to the vehicle by its electrical wiring. In this case, it would no longer provide the required lighting to drivers of following vehicles. In an extreme case, the rear lamp could completely separate from the vehicle, creating a risk for other road users.

Description of the Cause : NR

Identification of Any Warning that can Occur : Vehicle occupants may notice an unusual noise and/or vibration from the area of the rear lamp.

Supplier Identification :

Component Manufacturer

Name : NEDSCHROEF PLETTENBERG GmbH

Address : Mühlhoff 5
Plettenberg FOREIGN STATES 58840

Country : Germany

Chronology :

On January 8, 2019, it was reported that one, or both, of the rear lamps on some vehicles at vehicle distribution centers were loose. An investigation was initiated. Information was collected from the affected vehicle distribution centers. Initial reviews indicated that the nuts which were used to attach the rear lamps to the vehicle had traces of oil present on their surface.

In mid-January, assessments with affected rear lamp brackets were performed. The results indicated that with an affected bracket, the lamp could loosen and, in certain cases, could separate from the lamp housing.

Further analyses included a review of records from the supply chain, including the lamp supplier, and the lamp attachment hardware supplier. These analyses indicated that certain production lots from the lamp attachment hardware supplier contained nuts in which a layer of oil was present on the surface of the nuts. Technical analyses were performed including a review of supplier production processes, levels of oil contamination, and climatic influences (e.g., temperature and humidity). The analyses showed that oil present on the surface of the securing nut could permeate the plastic material of the rear lamp housing and lead to cracks in the attachment bracket. Final reviews were conducted to determine the number and production range of potentially affected vehicles.

On January 23, 2019, BMW decided to conduct a voluntary safety 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 : Each rear lamp will be secured so that it does not loosen.

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 the 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(s):
Rear lamp in side panel left; p/n(s) (63 21 7 488 543, 63 21 7 488 547)
Rear lamp in side panel right; p/n(s) (63 21 7 488 544, 63 21 7 488 548)
Securing nut; p/n 64 50 9 123 157

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

Recall Schedule :

Description of Recall Schedule : Dealer notification is planned to begin and end of January 31, 2019.
Owner notification is planned to begin and end of March 15, 2019.

Planned Dealer Notification Date : JAN 31, 2019 - JAN 31, 2019

Planned Owner Notification Date : MAR 15, 2019 - MAR 15, 2019

* NR - Not Reported