

Part 573 Safety Recall Report

20V-094

Manufacturer Name : BMW of North America, LLC

Submission Date : FEB 19, 2020

NHTSA Recall No. : 20V-094

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 : 2,728

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2014-2019 BMW M6 Gran Coupe

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 2,728 vehicles were manufactured with a third brake lamp in which the attachment hardware may not be sufficient.

Basis for recall population determination: All vehicles manufactured from start-of-production to end-of-production.

Recall component difference to non-recall component: The attachment hardware for the third brake lamp may not be sufficient.

Production Dates : JAN 31, 2013 - SEP 27, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The attachment hardware for third brake lamp may not be sufficient to prevent the lamp from becoming loose. Over time, this could allow the lamp to detach from a moving vehicle.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the third brake lamp were to detach from a moving vehicle, it could create a hazard for other road users and increase the risk of a crash, or persons near the road which could increase the risk of an injury. It could also lead to reduced visibility for drivers following an affected vehicle.

Description of the Cause : NR

Identification of Any Warning NR
that can Occur :

Supplier Identification :

Component Manufacturer

Name : BMW AG
Address : NR
NR
Country : NR

Chronology :

In July 2019, BMW became aware of five incidents of loose or detached third brake lamp assemblies on Model Year 2016-2018 BMW M6 Gran Coupe vehicles. An engineering review and field data analysis was initiated. It was suggested that high temperatures could be a factor due to the location and dates of the incidents.

Due to the unique carbon fiber roof on the M6 Gran Coupe, the fastening process of the third brake lamp to the roof was initially examined. Engineering drawings and supplier production information was reviewed. As the M6 Gran Coupe was no longer in production, a specific review of the process at the production line could not be performed.

Between September and November, parts and vehicles were located and collected for testing. Test protocols were prepared and tests were performed, consisting of exposure of the carbon roof to various simulated environmental conditions to better understand the interaction between the attachment hardware, the third brake lamp, and the roof.

By December, these tests were completed but were inconclusive.

In January 2020, additional driving tests were planned to simulate various faults involving the attachment of the third brake lamp, e.g., with missing fasteners. In late January, it was noticed that prior to preparation of an M6 Gran Coupe test vehicle, some fasteners for the third brake lamp were already loose which suggested that the issue may not be related to excessive heat. On January 31st, the driving test was conducted with missing fasteners and the third brake lamp separated from the vehicle.

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

On February 12, 2020, 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 : The third brake lamp will be inspected and secured to the vehicle by new fasteners. If the third brake lamp had detached from the vehicle and is damaged, it will be replaced and secured to the vehicle by new fasteners.

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. Owners who have replaced the third brake lamp 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 : Recall component: The third brake lamp will be secured to the vehicle by new fasteners. Therefore the p/n for the third brake lamp is not applicable.

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

Recall Schedule :

Description of Recall Schedule : Dealer notification is expected to begin and end on February 19, 2020.

Owner notification is expected to begin and end on April 13, 2020.

Planned Dealer Notification Date : FEB 19, 2020 - FEB 19, 2020

Planned Owner Notification Date : APR 13, 2020 - APR 13, 2020

* NR - Not Reported