

Part 573 Safety Recall Report

19V-883

Manufacturer Name : BMW of North America, LLC**Submission Date :** DEC 11, 2019**NHTSA Recall No. :** 19V-883**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 : 3,012

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2020 BMW M5

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 2,093 vehicles contain a transmission wiring harness that may become damaged and lead to a loss of propulsion.

Basis for recall population determination: All vehicles produced in the identified production period with a transmission wiring harness which contains a specific insulation material, routing path and fastening method.

Recall component difference to non-recall component: The transmission wiring harness, including location, routing, and fastening method is different for the recalled component.

Production Dates : JAN 30, 2019 - OCT 30, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2020-2020 BMW M8 Gran Coupe

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 7 vehicles contain a transmission wiring harness that may become damaged and lead to a loss of propulsion.

Basis for recall population determination: All vehicles produced in the identified production period with a transmission wiring harness which contains a specific insulation material, routing path and fastening method.

Recall component difference to non-recall component: The transmission wiring

harness, including location, routing, and fastening method is different for the recalled component.

Production Dates : JUN 19, 2019 - OCT 29, 2019

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 3 : 2020-2020 BMW M8 Coupe

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 430 vehicles contain a transmission wiring harness that may become damaged and lead to a loss of propulsion.

Basis for recall population determination: All vehicles produced in the identified production period with a transmission wiring harness which contains a specific insulation material, routing path and fastening method.

Recall component difference to non-recall component: The transmission wiring harness, including location, routing, and fastening method is different for the recalled component.

Production Dates : JUL 03, 2019 - OCT 30, 2019

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 4 : 2020-2020 BMW M8 Convertible

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 482 vehicles contain a transmission wiring harness that may become damaged and lead to a loss of propulsion.

Basis for recall population determination: All vehicles produced in the identified production period with a transmission wiring harness which contains a specific insulation material, routing path and fastening method.

Recall component difference to non-recall component: The transmission wiring harness, including location, routing, and fastening method is different for the recalled component.

Production Dates : FEB 20, 2019 - OCT 30, 2019

VIN Range 1 : Begin : NR End : NR

Not sequential

Description of Defect :

Description of the Defect : Due to the insulation material of the transmission wiring harness, its location/routing, and certain fastening points of the harness to the transmission housing, it could become damaged and lead to a short circuit. This could cause the vehicle to shift to Neutral while driving and cause a loss of propulsion.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A loss of propulsion could increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : The driver will be alerted by a display of the Neutral gear position in the instrument cluster and, if the accelerator pedal were depressed while in Neutral, a noise indicating an increase in engine rpm without an associated increase in vehicle speed.

Supplier Identification :**Component Manufacturer**

Name : Nexans Autoelectric GmbH

Address : Vohenstrasser Strasse 20
Floss FOREIGN STATES 92685

Country : Germany

Chronology :

On September 24, 2019, a vehicle experienced an unexpected transmission shift to Neutral at the vehicle assembly plant while driving to its next station. The vehicle could not be shifted to Drive and, when attempting to restart, the transmission shifted to the Park position.

Between October and late November, an engineering and assembly process review, along with a field incident analysis was conducted. The review indicated that the insulation material of the harness, its routing, and certain fastening points of the harness to the transmission housing, could be contributing factors.

A review of the field incidents indicated that there were approximately 18 vehicles worldwide which experienced a similar occurrence.

Final analyses showed that the wiring harness insulation material properties, its routing, and certain fastening points of the harness to the transmission housing, could cause the insulation material to become damaged, leading to a short circuit, and the possibility of the transmission inadvertently shifting to Neutral.

On December 4, 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 : The transmission wiring harness will be inspected and, if visible damage is present, it will be replaced. All harnesses will be rerouted and secured with different 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. 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: transmission wiring harness, part number 7856779

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 Dec 11, 2019. Owner notification is planned to begin and end on Feb 3, 2020.

Planned Dealer Notification Date : DEC 11, 2019 - DEC 11, 2019

Planned Owner Notification Date : FEB 03, 2020 - FEB 03, 2020

* NR - Not Reported