

Part 573 Safety Recall Report

20V-666

Manufacturer Name : BMW of North America, LLC

Submission Date : OCT 29, 2020

NHTSA Recall No. : 20V-666

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 : 21

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2021 BMW M2 Coupe

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 20 vehicles were manufactured with engines in which the fuel injectors may not have been produced to specifications.

Basis for recall population determination: Engine production and vehicle manufacturing records were reviewed to determine the potentially affected vehicle population.

Recall component difference to non-recall component: The fuel injectors were not produced to specifications.

Production Dates : JUN 23, 2020 - OCT 14, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2020-2020 BMW M4 Coupe

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 1 vehicle was manufactured with an engine in which the fuel injectors may not have been produced to specifications.

Basis for recall population determination: Engine production and vehicle manufacturing records were reviewed to determine the potentially affected vehicle population.

Recall component difference to non-recall component: The fuel injectors were not produced to specifications.

Production Dates : MAR 17, 2020 - MAR 17, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : During the engine assembly process, fuel injectors were installed without a damping component which is used to reduce vibration. If a damping component is not present, vibration will increase at the connection between the fuel line and the fuel rail and, over time, result in damage at this connection.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the connection between the fuel line and the fuel rail becomes damaged, this could lead to a fuel leak and, in the presence of an ignition source, could lead to a fire.

Description of the Cause : NR

Identification of Any Warning NR
that can Occur :

Involved Components :

Component Name 1 : N/A – vehicle engine assembly error

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : BMW AG

Address : NR

NR

Country : NR

Chronology :

On October 15, 2020, during the engine assembly process, an engine assembly worker noticed that a fuel injector was not equipped with a damping component. A review of the engine assembly process was initiated.

The review indicated that, after a relocation of the engine assembly process, a change occurred specifically related to the pre-assembly of the fuel injectors. Prior to the relocation, the damping component was installed on the injector via an automated process whereas after the relocation, the damping component was installed on the injector via a manual process. Further reviews, including an analysis of fuel injector torque data pertaining to installation of the injector onto the engine, indicated that damping components may not have been installed on certain injectors.

Engine production records and vehicle assembly information were reviewed to determine the number and production dates of potentially affected vehicles.

On October 22, 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 fuel injectors will be inspected and, if a damping component is missing, the injectors and the fuel rail will be replaced.

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: N/A – vehicle engine assembly error.

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 October 29, 2020.

Owner notification is expected to begin and end on December 21, 2020.

Planned Dealer Notification Date : OCT 29, 2020 - OCT 29, 2020

Planned Owner Notification Date : DEC 21, 2020 - DEC 21, 2020

* NR - Not Reported