

Part 573 Safety Recall Report

19V-513

Manufacturer Name : BMW of North America, LLC**Submission Date :** JUL 03, 2019**NHTSA Recall No. :** 19V-513**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 : 115

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2020 BMW 750i xDrive

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 9 vehicles are equipped with a high pressure fuel pump (HPFP) which may not have been attached to the engine according to specifications.

Basis for recall population determination: Engine production/assembly information (specifically involving attachment of the HPFP to each cylinder bank of the engine) was used to identify the start and end date of potentially affected engines. This information was then correlated with vehicle assembly information to determine the start date and the end date of potentially affected vehicles.

Recall component difference to non-recall component: The recall component was not installed to specifications.

Production Dates : MAR 01, 2019 - JUN 25, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2019-2019 BMW M850i xDrive Coupe, M850i xDrive Convertible

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 23 vehicles are equipped with a high pressure fuel pump (HPFP) which may not have been attached to the engine according to specifications.

Basis for recall population determination: Engine production/assembly information (specifically involving attachment of the HPFP to each cylinder bank of the engine) was used to identify the start and end date of potentially affected engines. This information was then correlated with vehicle assembly information to determine the start date and the end date of potentially affected vehicles.

Recall component difference to non-recall component: The recall component was not installed to specifications.

Production Dates : OCT 10, 2018 - JUN 18, 2019

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 3 : 2019-2019 BMW X5 xDrive50i

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 35 vehicles are equipped with a high pressure fuel pump (HPFP) which may not have been attached to the engine according to specifications.

Basis for recall population determination: Engine production/assembly information (specifically involving attachment of the HPFP to each cylinder bank of the engine) was used to identify the start and end date of potentially affected engines. This information was then correlated with vehicle assembly information to determine the start date and the end date of potentially affected vehicles.

Recall component difference to non-recall component: The recall component was not installed to specifications.

Production Dates : NOV 27, 2018 - MAY 29, 2019

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 4 : 2019-2019 BMW X7 xDrive50i

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 43 vehicles are equipped with a high pressure fuel pump (HPFP) which may not have been attached to the engine according to specifications.

Basis for recall population determination: Engine production/assembly information (specifically involving attachment of the HPFP to each cylinder bank of the engine) was used to identify the start and end date of potentially affected engines. This information was then correlated with vehicle assembly information to determine the start date and the end date of potentially affected vehicles.

Recall component difference to non-recall component: The recall component was not installed to specifications.

Production Dates : FEB 08, 2019 - JUN 05, 2019

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 5 : 2019-2019 BMW M5

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 5 vehicles are equipped with a high pressure fuel pump (HPFP) which may not have been attached to the engine according to specifications.

Basis for recall population determination: Engine production/assembly information (specifically involving attachment of the HPFP to each cylinder bank of the engine) was used to identify the start and end date of potentially affected engines. This information was then correlated with vehicle assembly information to determine the start date and the end date of potentially affected vehicles.

Recall component difference to non-recall component: The recall component was not installed to specifications.

Production Dates : OCT 15, 2018 - APR 05, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : This safety recall involves the high pressure fuel pumps (HPFP) which are attached to each bank of the vehicle's 8-cylinder engine. The flange of the HPFP may not have been attached to the cylinder head according to specifications. Over time, this could cause the flange of the HPFP to crack.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the HPFP flange cracks, fuel could leak into the engine compartment. In an extreme case, this could increase the risk of a fire.

Description of the Cause : NR

Identification of Any Warning that can Occur : If the flange became damaged, vehicle occupants could notice fuel odor. The engine would switch into emergency mode. A fuel leak may also be noticed visually.

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

On June 6, 2019, BMW became aware of a field incident (Hungary) in which an owner noticed fuel odor. A vehicle inspection indicated that the flange of one of the two high pressure fuel pumps (HPFP) was damaged, specifically that cracks had occurred.

A review of this specific vehicle's engine production process documentation was performed, which included technical information involving attachment of the HPFP to the engine. The analysis suggested that the involved HPFP was not properly attached to the engine.

A comprehensive review of this documentation for potentially affected engines was conducted. From this review, 156 vehicles and their specific production dates – 115 vehicles for the US market – were able to be identified as potentially affected.

On June 26, 2019, BMW decided to conduct a voluntary recall.

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

Description of Remedy :

Description of Remedy Program : The HPFP will be replaced. 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: High pressure Fuel Pump; part numbers: 13 51 8 648 176 (cyl. 1-4); 13 51 8 648 177 (cyl. 5-8).

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

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to begin and end on July 3, 2019.
Notification to owners is expected to begin and end on August 26, 2019.

Planned Dealer Notification Date : JUL 03, 2019 - JUL 03, 2019

Planned Owner Notification Date : AUG 26, 2019 - AUG 26, 2019

* NR - Not Reported