

Part 573 Safety Recall Report

18V-473

Manufacturer Name : BMW of North America, LLC**Submission Date :** JUL 17, 2018**NHTSA Recall No. :** 18V-473**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 : 1,645

Estimated percentage with defect : 10 %

Vehicle Information :

Vehicle 1 : 2018-2018 BMW M5

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 1,645 vehicles may have been manufactured with a fuel level sensor which cannot accurately display the amount of available fuel in the fuel tank.

Basis for recall population determination: Supplier production information was used to identify the production period of affected fuel delivery units (containing the in-tank fuel level sensor), and the corresponding production period (01/16/2018 – 06/25/2018) of affected vehicles.

Recall component difference to non-recall component: The recall component (fuel delivery unit) will need to have a fuel line securely fastened so that it does not contact the fuel level sensor.

Production Dates : JAN 16, 2018 - JUN 25, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : This safety recall involves the fuel level sensor within the fuel tank. The distance between the sensor and an in-tank fuel line is too small which could allow the sensor to contact the fuel line and, in some cases, become stuck.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the fuel level sensor becomes stuck, the fuel gauge in the instrument cluster

Description of the Safety Risk : would display a larger amount of fuel than was actually in the tank. As a result, if the tank became empty, stalling would occur without prior warning, and could increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : TI Automotive Technology Center GmbH

Address : Lochfeldstrasse 31
Rastatt FOREIGN STATES 76437

Country : Germany

Chronology :

On June 26, 2018, BMW became aware of this matter from warranty claims regarding unusual fuel gauge readings. Fuel tanks and fuel delivery units of affected vehicles were inspected which indicated that the fuel level sensor could contact and become stuck on an in-tank fuel line. Further analyses determined that an inadequate installation process of the in-tank fuel line within the fuel delivery unit during supplier production could occur.

BMW vehicle assembly records were reviewed to determine the number and production range of potentially affected vehicles.

On July 11, 2018, 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 line will be secured so that it does not contact the fuel level sensor.

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: In-tank fuel delivery unit (p/n - 7856997-AI03); however, the remedy is to securely fasten the in-tank fuel line within the fuel delivery unit, not replace the fuel delivery unit.

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

Recall Schedule :

Description of Recall Schedule : Notification to dealers is planned to begin and end on July 17, 2018. Notification to owners is planned to begin and end on September 10, 2018.

Planned Dealer Notification Date : JUL 17, 2018 - JUL 17, 2018

Planned Owner Notification Date : SEP 10, 2018 - SEP 10, 2018

* NR - Not Reported