

Part 573 Safety Recall Report

16V-746

Manufacturer Name : BMW of North America, LLC**Submission Date :** OCT 13, 2016**NHTSA Recall No. :** 16V-746**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 : 136,188

Estimated percentage with defect : 6 %

Vehicle Information :

Vehicle 1 : 2007-2011 BMW X5 (X5 3.0si, X5 4.8i, X5 M, X5 xDrive30i, X5 xDrive35i, X5 xDrive48i, X5 xDrive50i)

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Affected vehicles may be equipped with a fuel delivery module with insufficiently crimped pin contacts of the in-tank fuel pump connector. Approximately 70,632 vehicles are affected.

Production Dates : MAY 09, 2006 - JUL 17, 2010

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2008-2011 BMW X6 (X6 xDrive35i, X6 xDrive50i, X6 M)

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Affected vehicles may be equipped with a fuel delivery module with insufficiently crimped pin contacts of the in-tank fuel pump connector. Approximately 7,068 vehicles are affected.

Production Dates : JUL 05, 2007 - JUL 17, 2010

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2010-2011 BMW X6 ActiveHybrid

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : HYBRID ELECTRIC

Descriptive Information : Affected vehicles may be equipped with a fuel delivery module with insufficiently crimped pin contacts of the in-tank fuel pump connector. Approximately 199 vehicles are affected.

Production Dates : APR 16, 2009 - JUL 12, 2010

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 4 : 2010-2011 BMW 5 Series Gran Turismo (535i xDrive Gran Turismo, 535i Gran Turismo, 550i xDrive Gran Turismo, 550i Gran Turismo)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Affected vehicles may be equipped with a fuel delivery module with insufficiently crimped pin contacts of the in-tank fuel pump connector. Approximately 4,961 vehicles are affected.

Production Dates : MAR 24, 2009 - JUN 10, 2011

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 5 : 2011-2012 BMW 5 Series (528i, 535i, 535i xDrive, 550i, 550i xDrive)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Affected vehicles may be equipped with a fuel delivery module with insufficiently crimped pin contacts of the in-tank fuel pump connector. Approximately 51,710 vehicles are affected.

Production Dates : JUL 07, 2010 - JUN 10, 2011

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 6 : 2012-2012 BMW 535i ActiveHybrid

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Affected vehicles may be equipped with a fuel delivery module with insufficiently crimped pin contacts of the in-tank fuel pump connector. Approximately 1 vehicle is affected.

Production Dates : OCT 06, 2010 - OCT 06, 2010

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 7 : 2012-2012 BMW 6 Series Convertible (640i Convertible, 650i Convertible, 650i xDrive Convertible)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Affected vehicles may be equipped with a fuel delivery module with insufficiently crimped pin contacts of the in-tank fuel pump connector. Approximately 1,609 vehicles are affected.

Production Dates : OCT 28, 2010 - JUN 10, 2011

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 8 : 2012-2012 BMW 6 Series Coupe (650i Coupe,650i Coupe xDrive)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Affected vehicles may be equipped with a fuel delivery module with insufficiently crimped pin contacts of the in-tank fuel pump connector. Approximately 8 vehicles are affected.

Production Dates : DEC 10, 2010 - JUN 10, 2011

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : This safety recall involves the fuel delivery module which contains the in-tank fuel pump. In rare cases, the wire to the ground and/or positive pin contacts of the connector of the in-tank fuel pump may be insufficiently crimped. This can cause an increase in contact resistance which can lead to heating of the contact pins during fuel pump operation. In an extreme case of contact pin heating, the plastic around the contact pin(s) could melt. Depending on the damage, a fuel leak may occur after refueling or vehicle cornering while driving. . Over time, this condition could cause the fuel pump to become inoperative.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the fuel pump becomes inoperative, a no-start condition or, in rare cases, a stalling condition without the ability to restart the vehicle could occur.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : TI Automotive Technologie Center GmbH
Address : Lochfeldstrasse 31
Rastatt FOREIGN STATES D-76437
Country : Germany

Chronology :

In June, 2011, BMW became aware of this issue due to customer complaints involving fuel odor. BMW performed an analysis and concluded that the issue would also be detected by the evaporative fuel tank leak diagnostic system which would illuminate the Malfunction Indicator Lamp (MIL). Accordingly, BMW concluded at the time that this was sufficient to alert customers to have their vehicle serviced.

In September 2014, as a result of an increasing number of warranty claims, BMW issued a worldwide extended warranty program involving the fuel delivery module of affected vehicles which provided coverage for 10 years / unlimited mileage.

On October 7, 2014, BMW submitted a Part 579 report to NHTSA pertaining to a foreign recall in China on this same issue. The Part 579 report referenced the extended warranty program that had been implemented.

On February 20, 2015, BMW submitted an amended Part 579 report to NHTSA indicating that this recall was extended to Japan.

On June 2 2016, BMW decided to perform a Service Action in Korea due to a request from the Korean authority (KATRI).

Between June and October, in the course of ongoing discussions with KATRI, BMW reevaluated the field situation and warranty information for the US market, since models for the Korean market also use the Malfunction Indicator Lamp (MIL) like US models.

Warranty claim information indicated that the issue was still prevalent on vehicles in which the fuel delivery module had not been replaced as part of the extended warranty program. This information indicated that customers primarily mentioned fuel smell or a non-starting condition. However, there were also some comments referring to possible stalling incidents during driving.

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

On October 6, 2016, BMW decided to conduct a voluntary recall for the vehicles that had not already received an appropriate repair under its normal

Description of Remedy :

Description of Remedy Program : The fuel delivery module will be replaced.

How Remedy Component Differs from Recalled Component : NR

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

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : OCT 13, 2016 - NR

Planned Owner Notification Date : DEC 05, 2016 - NR

* NR - Not Reported