Part 573 Safety Recall Report 19V-472

Manufacturer Name : BMW of North America, LLC
Submission Date : JUN 19, 2019
NHTSA Recall No. : 19V-472
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 : 16,641
Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2009-2009 BMW 328i, 328xi
Vehicle Type : LIGHT VEHICLES
Body Style : STATIONWAGON
Power Train : GAS
Descriptive Information : Approximately 149 vehicles were equipped with a power supply system in which the electrical connection at the fuse box could degrade over time.

Basis for recall population determination: 3 Series Sportswagon vehicles produced from 08/29/2008 to 09/22/2008 with a fuse box containing a metal support bracket.

Recall component difference to non-recall component: Recall vehicles contain a positive battery cable connecter with tin coating.

Production Dates : AUG 29, 2008 - SEP 22, 2008
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 2 : 2009-2011 BMW 335d
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : DIESEL
Descriptive Information : Approximately 2,031 vehicles were equipped with a power supply system in which the electrical connection at the fuse box could degrade over time.

Basis for recall population determination: 3 Series Diesel vehicles produced from 03/27/2008 through 06/15/2011 with a fuse box containing a metal support bracket.

Recall component difference to non-recall component: Recall vehicles contain a positive battery cable connecter with tin coating.

Production Dates : MAR 27, 2008 - JUN 15, 2011

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

Vehicle 3 : 2008-2012 BMW M3 Coupe, M3 Convertible
Vehicle Type : LIGHT VEHICLES
Body Style : 2-DOOR
Power Train : GAS
Descriptive Information : Approximately 11,002 vehicles were equipped with a power supply system in which the electrical connection at the fuse box could degrade over time.

Basis for recall population determination: 6,158 M3 Coupe vehicles produced from 06/25/2007 thorough 07/07/2011 with a fuse box containing a metal support bracket, and 981 M3 Coupe vehicles produced from 12/01/2009 through 10/01/2011 with a fuse box containing a plastic support bracket. 3,313 M3 Convertible vehicles produced from 11/16/2007 thorough 04/19/2011 with a fuse box containing a metal support bracket, and 550 M3 Convertible vehicles produced from 12/01/2009 through 09/27/2011 with a fuse box containing a plastic support bracket.

Recall component difference to non-recall component: Recall vehicles contain a positive battery cable connecter with tin coating.

Production Dates : JUN 25, 2007 - OCT 01, 2011
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 4 : 2008-2011 BMW M3 Sedan
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : GAS
Descriptive Information : Approximately 3,459 vehicles were equipped with a power supply system in which the electrical connection at the fuse box could degrade over time.

Basis for recall population determination: 3,098 M3 Sedan vehicles produced from 10/04/2007 thorough 09/01/2011 with a fuse box containing a metal support bracket, and 361 M3 Sedan vehicles produced from 12/02/2009 through 09/30/2011 with a fuse box containing a plastic support bracket.

Recall component difference to non-recall component: Recall vehicles contain a positive battery cable connecter with tin coating.

Production Dates : OCT 04, 2007 - SEP 30, 2011
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Description of Defect :

Description of the Defect :	This recall involves the vehicle power supply system. On affected vehicles, the battery is located in the trunk of the vehicle. Power is transferred, via the positive battery ("B+") cable, from the battery in the vehicle's trunk to the fuse box which is located between the glove compartment and the dash panel inside the vehicle. The connector at the end of the B+ cable and the corresponding terminal on the fuse box are both coated with tin. In addition, affected vehicles contain a plastic or metal support bracket at the fuse box. If relative movements between the B+ cable connector and the terminal on the fuse box occur, then in combination with very high current flow, the connection may be susceptible to fretting over time. Depending upon the extent of the degradation of the connectors, variations in the electrical resistance at this connection could occur. With high current flow, increased heat on the connectors could be present and lead to further wear of the connectors.
FMVSS 1 :	NR
FMVSS 2 :	NR
Description of the Safety Risk :	Excessive wear of the connectors could eventually lead to a break in the electrical connection and create a non-starting condition in the vehicle. Also, a strong variation in the contact resistance could lead to a momentary flickering of the display in the instrument cluster or to a momentary engine shut down. In an extreme case, the electrical system may be completely interrupted during vehicle operation resulting in a complete loss of vehicle power 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 :	LEAR Corporation
Address :	21557 Telegraph Rd. Southfield MICHIGAN 48033
Country :	United States

Chronology :

Please refer to BMW's February 7, 2013, amended July 26, 2013, and May 14, 2018, Part 573 reports assigned NHTSA Recall IDs 13V-044 and 18V-314 respectively. Vehicles being added by this recall contain a metal

support bracket at the fuse box, except for vehicles containing a plastic support bracket which were part of a 2016 service action.

After publication of recall 18V-314, BMW met with NHTSA to discuss the 2013 and 2018 recalls and the 2016 service action. At the time, BMW was not aware of any field incidents involving vehicles equipped with a metal support bracket at the fuse box.

On May 14, 2019, BMW Canada met with Transport Canada. Transport Canada presented five customer complaints regarding M3 and Diesel vehicles which were not part of the scope of the 2018 Recall and 2016 Service Action. One of the complaints referred to an occurrence of this issue during vehicle operation. Based upon these new cases, it was suggested that a similar issue could occur involving vehicles produced with the metal support bracket at the fuse box.

Vehicle manufacturing and supplier production records were examined in order to determine the number, and production dates, of potentially affected vehicles.

On June 12, 2019, BMW decided to conduct a voluntary recall, consisting of M3 and 3 Series Diesel models with the metal support bracket, and to also include M3 vehicles with the plastic support bracket from the 2016 Service Action which had not yet been serviced.

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 B+ cable connector will be replaced by one that is silver-coated and will be secured to the fuse box. 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. Owners who have replaced the B+ cable connector at their own expense prior to the recall notification may be eligible for reimbursement according to BMW Group's reimbursement plan in accordance with 49 CFR 573.13 and 49 CFR 577.11.
How Remedy Component Differs from Recalled Component :	Recall component – B+ cable lead / Part number – N/A (no p/n for B+ cable lead)
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 June 19, 2019. Notification to owners is planned to begin and end on August 12, 2019.
Planned Dealer Notification Date :	JUN 19, 2019 - JUN 19, 2019
Planned Owner Notification Date :	AUG 12, 2019 - AUG 12, 2019

* NR - Not Reported