

Part 573 Safety Recall Report

16V-919

Manufacturer Name : BMW of North America, LLC**Submission Date :** DEC 15, 2016**NHTSA Recall No. :** 16V-919**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 : 8

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2016-2016 BMW X5 xDrive40e

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : HYBRID ELECTRIC

Descriptive Information : The electrical ground cable between the Digital Motor Electronic (DME) control unit and the engine block may not have been adequately tightened.

Production Dates : JUL 29, 2015 - SEP 09, 2015

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The electrical ground cable between the Digital Motor Electronic (DME) control unit and the engine block may not have been adequately tightened. Over time, this connection could loosen and lead to a sporadic under-voltage condition and a DME reset.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A sporadic under-voltage condition and a DME reset would cause the transmission to shift to Auto-N and the vehicle would coast to a stop, increasing the risk of a crash.

Description of the Cause : If torque angle monitoring was not sufficiently robust, the electrical ground cable between the DME and the engine block may not have been adequately tightened.

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

On October 10, 2016, BMW received a non-US field report of a temporary Digital Motor Electronic (DME) failure during driving. A review was initiated to determine if any similar cases may have previously occurred. It was found that one comparable incident occurred in the US on June 2, 2016.

Initial analyses pointed to a loose electrical ground cable between the DME and the engine block. Further analyses revealed that torque angle monitoring may not have been sufficiently robust in the manufacturing process during vehicle assembly. As a result, proper torque may not have been achieved. Production and manufacturing records were examined to determine the quantity and production date range of potentially affected vehicles.

On December 8, 2016, 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 electrical ground cable will be retightened according to specifications.

How Remedy Component Differs NR
from Recalled Component :

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

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : DEC 15, 2016 - NR

Planned Owner Notification Date : FEB 06, 2017 - NR

* NR - Not Reported