

Part 573 Safety Recall Report**15V-882****Manufacturer Name :** BMW of North America, LLC**Submission Date :** DEC 23, 2015**NHTSA Recall No. :** 15V-882**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

Estimated percentage with defect : 25

Vehicle Information :

Vehicle : 2016-2016 BMW i8

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 16 vehicles may be equipped with a Dynamic Stability Control (DSC) hydraulic unit that was not produced to specification.

Production Dates : MAY 29, 2015 - JUN 05, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : This recall involves the Dynamic Stability Control (DSC) system. Due to a manufacturing process error, the drill holes of one or more of the six pump pistons within the DSC hydraulic unit may not have been produced to specification. As a result, this could cause one or more pistons to become restricted. If this occurred, it could lead to impairment of the DSC functions, including the braking function.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If more than one DSC piston became restricted, vehicle handling and control could be affected, increasing the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : Continental Benelux NV

Address : Generaal De Wittelaan 5
Mechelen FOREIGN STATES 2800

Country : Belgium

Chronology :

On November 11, 2015, BMW was informed by the DSC hydraulic unit supplier of a possible manufacturing error. The supplier conducted reviews and analyses of its records. At that time, it was thought that any manufacturing deviation that could result in restricted movement of the DSC hydraulic unit pistons could be detected in the vehicle assembly plant during the normal pump circuit check.

However, on December 3, 2015, BMW determined that this potential failure mode could not be detected by the pump circuit check. On December 4, 2015, BMW quality supervision was informed.

On December 8, 2015, driving tests were conducted, simulating different DSC operating conditions. The supplier's component production records and quality control information were examined to identify the potentially affected units which had been delivered to the vehicle assembly line.

BMW conducted reviews and analyses of vehicle production records and other information to identify the quantity and production range of potentially affected vehicles.

On December 17, 2015, after final evaluation and assessment of the driving test results, BMW decided to conduct a voluntary 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 DSC hydraulic unit will be inspected and, if necessary, 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 : DEC 23, 2015 - NR

Planned Owner Notification Date : FEB 10, 2016 - NR

* NR - Not Reported