

Part 573 Safety Recall Report

17V-088

Manufacturer Name : BMW of North America, LLC**Submission Date :** FEB 09, 2017**NHTSA Recall No. :** 17V-088**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 : 19,130

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2014-2017 BMW i3 REX

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : On approximately 19,130 vehicles, a section of the fuel tank vent line adjacent to the ribbed wire protecting sleeve of the B+ cable may become chafed.

Production Dates : MAR 05, 2014 - DEC 30, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : This safety recall involves the i3 with the range extender (REx) engine. The REx engine compartment is enclosed. A section of the fuel tank vent line is routed near the ribbed wire protecting sleeve of the B+ cable. Due to a possible rubbing of the vent line and the sleeve, the fuel tank vent line could wear through.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the fuel tank vent line were to wear through, it could result in fuel vapor leaking into the enclosed engine compartment, increasing the risk of a fire.

Description of the Cause : A section of the fuel tank vent line that is adjacent to the ribbed wire protecting sleeve of the B+ cable may become chafed.

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

On November 18, 2016, BMW was informed that a non-US dealer noticed a chafing spot on the fuel tank vent line. Initial analysis suggested that a section of the fuel tank vent line could come into contact with the B+ cable in the engine compartment. Furthermore, relative movement between the vent line and the protecting sleeve of the B+ cable could cause chafing of the vent line.

The field was monitored, including an inspection of field vehicles, to determine if the non-US dealer vehicle was an isolated incident or if additional cases existed involving comparable chafing of the vent line.

On January 19, 2017, preliminary information indicated that some of the inspected vehicles had indications of vent line chafing. Additional engineering analyses were initiated, involving a review of the field cases with respect to vehicle mileage, a statistical determination of the probability of this condition to occur in the field, an attempt to replicate this condition during lab testing, and an analysis of the installation conditions of the vent line in proximity to the B+ cable.

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

On February 2, 2017, 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 fuel tank vent line will be inspected and, if necessary, replaced. For all affected vehicles, a clip will be attached between the vent line and the B+ cable to prevent contact and possible chafing.

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 : FEB 10, 2017 - NR
Planned Owner Notification Date : APR 03, 2017 - NR

* NR - Not Reported