

Part 573 Safety Recall Report

16V-704

Manufacturer Name : BMW of North America, LLC**Submission Date :** NOV 17, 2016**NHTSA Recall No. :** 16V-704**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 : 103

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2015-2017 BMW X3 xDrive 28i, X3 xDrive35i

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : On 24 vehicles, the electronic power steering (EPS) control unit may not have been produced to specifications.

Production Dates : AUG 06, 2014 - JUN 09, 2016

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2015-2015 BMW X3 xDrive28d

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : DIESEL

Descriptive Information : On one (1) vehicle, the electronic power steering (EPS) control unit may not have been produced to specifications.

Production Dates : JAN 07, 2015 - JAN 07, 2015

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 3 : 2015-2016 BMW X5 xDrive35i, X5 sDrive35i, X5 xDrive50i

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : On 55 vehicles, the electronic power steering (EPS) control unit may not have been produced to specifications.

Production Dates : AUG 27, 2014 - DEC 16, 2015

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 4 : 2015-2015 BMW X5 xDrive35d

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : DIESEL

Descriptive Information : On nine (9) vehicles, the electronic power steering (EPS) control unit may not have been produced to specifications.

Production Dates : AUG 06, 2014 - MAR 02, 2015

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

Vehicle 5 : 2015-2015 BMW X5 xDrive40e

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : HYBRID ELECTRIC

Descriptive Information : On four (4) vehicles, the electronic power steering (EPS) control unit may not have been produced to specifications.

Production Dates : NOV 06, 2015 - DEC 15, 2015

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

Vehicle 6 : 2015-2015 BMW X6 xDrive35i, X6 xDrive50i

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : On four (4) vehicles, the electronic power steering (EPS) control unit may not have been produced to specifications.

Production Dates : DEC 08, 2014 - MAR 09, 2015

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

Vehicle 7 : 2015-2015 BMW M235i Coupe

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : On one (1) vehicle, the electronic power steering (EPS) control unit may not have been produced to specifications.

Production Dates : SEP 23, 2014 - SEP 23, 2014

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

Vehicle 8 : 2015-2016 BMW X4 xDrive28i, X4 xDrive35i

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : On two (2) vehicles, the electronic power steering (EPS) control unit may not have been produced to specifications.

Production Dates : OCT 20, 2014 - APR 24, 2015

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

Vehicle 9 : 2015-2015 BMW 428i Convertible, 435i Convertible

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : On two (2) vehicles, the electronic power steering (EPS) control unit may not have been produced to specifications.

Production Dates : JUL 09, 2014 - NOV 27, 2014

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

Vehicle 10 : 2015-2015 BMW 435i Gran Coupe

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : On one (1) vehicle, the electronic power steering (EPS) control unit may not have been produced to specifications.

Production Dates : MAR 26, 2014 - MAR 26, 2014

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

Description of Defect :

Description of the Defect : This safety recall involves the Electronic Power Steering (EPS) control unit. Electric current is conducted via contact pins within the EPS control unit. Due to a supplier production process error, these pins may not have been welded. A missing weld may lead to a gradual increase in pin contact resistance.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Over time, a gradual increase in pin contact resistance could lead to a thermal incident even if the vehicle is parked and the ignition is off. Also, a loss of power assist steering could occur, increasing the risk of a crash. However, manual steering capability is still retained.

Description of the Cause : Due to a supplier production process error, the contact pins in the EPS control unit may not have been welded.

Identification of Any Warning NR
that can Occur :

Supplier Identification :

Component Manufacturer

Name : ThyssenKrupp Presta AG
Address : Essanestrasse 10
Eschen FOREIGN STATES 9492
Country : Liechtenstein

Chronology :

On September 20, 2016, BMW was notified by the supplier of a possible issue involving the EPS control unit. A production process error was identified involving the welding of the EPS control unit's contact pins.

Based upon supplier production records, one affected EPS control unit was identified for the US market. BMW was able to determine the one affected vehicle.

On September 22, 2016, 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.

On November 10, 2016, during a review of applicable information, it was determined that the number of potentially affected vehicles needed to increase by 102.

Description of Remedy :

Description of Remedy Program : The EPS system will be replaced.

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 : SEP 29, 2016 - NR

Planned Owner Notification Date : JAN 06, 2017 - NR

* NR - Not Reported