

Part 573 Safety Recall Report

15V-188

Manufacturer Name : BMW of North America, LLC**Submission Date :** JUN 01, 2017**NHTSA Recall No. :** 15V-188**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 : 13,981

Estimated percentage with defect : 70 %

Vehicle Information :

Vehicle 1 : 2013-2014 BMW 528i, 528i xDrive, 535i, 535i xDrive, 550i, 550i xDrive, M5

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 13,788 affected vehicles may not fully conform to Section 8.1.11 of FMVSS 108 ("Lamps, reflective devices, and associated equipment").

Production Dates : JAN 30, 2013 - JUN 29, 2013

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2014-2014 BMW 525d xDrive

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : DIESEL

Descriptive Information : Approximately 2 affected vehicles may not fully conform to Section 8.1.11 of FMVSS 108 ("Lamps, reflective devices, and associated equipment").

Production Dates : MAR 20, 2013 - JUN 17, 2013

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2013-2013 BMW ActiveHybrid 5

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 191 affected vehicles may not fully conform to Section 8.1.11 of FMVSS 108 ("Lamps, reflective devices, and associated equipment").

Production Dates : JAN 30, 2013 - JUN 26, 2013

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Description of Noncompliance :

Description of the Noncompliance : This non-compliance involves the rear reflex reflectors. FMVSS 108 Section 8.1.11 and Table XVI-a require that the rear reflex reflectors must have a minimum performance of 420 mcd / lux in the reference axis. Due to a supplier production process issue, some of the rear reflex reflectors may not fulfill this minimum required value. Therefore, affected vehicles may not conform to FMVSS 108 Section 8.1.11 and Table XVI-a.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

Description of the Safety Risk : Affected vehicles may not fully conform to the FMVSS 108 rear reflex reflector requirements and therefore present reduced conspicuity to drivers of approaching vehicles which 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 : Flextronics International Kft.

Address : Ikervári út 42
Sárvár 9600

Country : NR

Chronology :

In September 2014, the Korean Ministry of Land, Infrastructure and Transport ("MOLIT") purchased production parts at a Korean BMW dealer and tested them for compliance to the Korean motor vehicle safety lighting and reflector requirements. Preliminary test results indicated a possible non-compliance because some of the tested parts did not meet the minimum required reflectance values.

In October and November, discussions occurred between BMW Korea and the Korean MOLIT. The MOLIT requested documentation from BMW and also from the supplier. The MOLIT offered to conduct a retest, and allowed BMW and the supplier to witness the test.

On November 24, 2014, the MOLIT performed the retest with BMW Korea and the supplier attending. The test results were consistent with those obtained in September, indicating a possible non-compliance with some of the reflectors.

Between December 2014 and February 2015, BMW compiled information and the requested documentation in order to respond to Korean MOLIT.

On March 13, 2015, the Korean MOLIT requested BMW Korea to conduct a voluntary recall because of the possible non-compliance of some of the reflectors with the Korean requirements.

Additional reviews were conducted to determine the number and production range of potentially affected vehicles.

On March 19, 2015, BMW decided to conduct a voluntary non-compliance recall for the affected Korean vehicles. It was also determined, based upon test results for reflectors for US-specification vehicles, that certain US vehicles may not fully conform to FMVSS 108 Section 8.1.11 and Table XVI-a.

On April 17, 2015, BMW submitted a Petition for Inconsequential Noncompliance to NHTSA in accordance with the provisions of Part 556.

On May 22, 2017, NHTSA denied the Petition for Inconsequential Noncompliance.

On May 30, 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 rear reflex reflectors will be 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 : MAY 31, 2017 - NR

Planned Owner Notification Date : JUL 24, 2017 - NR

* NR - Not Reported