

# Part 573 Safety Recall Report

# 17V-481

**Manufacturer Name :** BMW of North America, LLC**Submission Date :** NOV 06, 2017**NHTSA Recall No. :** 17V-481**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 : 47,775

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2013-2017 BMW F800R, F800GT

Vehicle Type : MOTORCYCLES

Body Style :

Power Train : GAS

**Descriptive Information :** Approximately 2,054 Model Year 2013 – 2017 BMW F800 R and F800GT motorcycles, when mounted with luggage cases, may not fully conform to FMVSS 108, as the luggage cases may partially block the rear side reflex reflectors. Basis for recall population determination – technical analyses and production information review. Recall component differentiation to non-recall component – recall component not fitted with reflex reflector.

Production Dates : OCT 01, 2012 - JUL 21, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2015-2017 BMW R1200R, R1200RS

Vehicle Type : MOTORCYCLES

Body Style :

Power Train : GAS

**Descriptive Information :** Approximately 3,366 Model Year 2015-2017 BMW R1200R and R1200RS motorcycles, when mounted with luggage cases, may not fully conform to FMVSS 108, as the luggage cases may partially block the rear side reflex reflectors. Basis for recall population determination – technical analyses and production information review. Recall component differentiation to non-recall component – recall component not fitted with reflex reflector.

Production Dates : OCT 01, 2014 - JUL 21, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2013-2017 BMW R1200GS

Vehicle Type : MOTORCYCLES

Body Style :

Power Train : GAS

**Descriptive Information :** Approximately 8,426 Model Year 2013 – 2017 BMW R1200GS motorcycles, when mounted with luggage cases, may not fully conform to FMVSS 108, as the luggage cases may partially block the rear side reflex reflectors. Basis for recall population determination – technical analyses and production information review. Recall component differentiation to non-recall component – recall component not fitted with reflex reflector.

**Production Dates :** OCT 01, 2012 - JUL 21, 2017

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

**Vehicle 4 :** 2014-2018 BMW R1200GS / R1200GS Adventure

**Vehicle Type :** MOTORCYCLES

**Body Style :**

**Power Train :** GAS

**Descriptive Information :** Approximately 13,499 Model Year 2014 – 2018 BMW R1200 GS and R1200GS Adventure motorcycles, when mounted with aluminum luggage cases or case mounts, may not fully conform to FMVSS 108, as the aluminum cases and case mounts may partially block the rear side reflex reflectors. Basis for recall population determination – technical analyses and production information review; extended to Model Year 2018 due to misbuild at plant for US market. Recall component differentiation to non-recall component – recall component (case) not fitted with reflex reflector, recall component (case mount) may partially block reflector.

**Production Dates :** AUG 01, 2013 - SEP 18, 2017

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

**Vehicle 5 :** 2016-2017 BMW S1000XR

**Vehicle Type :** MOTORCYCLES

**Body Style :**

**Power Train :** GAS

**Descriptive Information :** Approximately 2,102 Model Year 2016-2017 BMW S1000XR motorcycles, when mounted with luggage cases, may not fully conform to FMVSS 108, as the luggage cases may partially block the rear side reflex reflectors. Basis for recall population determination – technical analyses and production information review. Recall component differentiation to non-recall component – recall component not fitted with reflex reflector.

**Production Dates :** APR 01, 2015 - JUL 21, 2017

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

**Vehicle 6 :** 2008-2012 BMW F650GS

**Vehicle Type :** MOTORCYCLES

**Body Style :**

**Power Train :** GAS

**Descriptive Information :** Approximately 2,986 Model Year 2008 – 2012 BMW F650GS motorcycles, when mounted with luggage cases, may not fully conform to FMVSS 108, as the luggage

cases may partially block the rear side reflex reflectors. Basis for recall population determination – technical analyses and production information review; addition of another luggage case. Recall component differentiation to non-recall component – recall component not fitted with reflex reflector.

Production Dates : JAN 11, 2008 - JUN 01, 2012

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 7 : 2008-2018 BMW F800GS

Vehicle Type : MOTORCYCLES

Body Style :

Power Train : GAS

Descriptive Information : Approximately 7,775 Model Year 2008 – 2018 BMW F800GS motorcycles, when mounted with luggage cases, may not fully conform to FMVSS 108, as the luggage cases may partially block the rear side reflex reflectors. Basis for recall population determination – technical analyses and production information review; addition of another case. Recall component differentiation to non-recall component – recall component not fitted with reflex reflector.

Production Dates : SEP 27, 2007 - OCT 16, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 8 : 2014-2017 BMW F800GS Adventure

Vehicle Type : MOTORCYCLES

Body Style :

Power Train : GAS

Descriptive Information : Approximately 2,494 Model Year 2014 – 2017 BMW F800GS Adventure motorcycles, when mounted with luggage cases, may not fully conform to FMVSS 108, as the luggage cases may partially block the rear side reflex reflectors. Basis for recall population determination – technical analyses and production information review; addition of another case. Recall component differentiation to non-recall component – recall component not fitted with reflex reflector.

Production Dates : OCT 01, 2013 - JUL 21, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 9 : 2014-2018 BMW R1200GS Adventure

Vehicle Type : MOTORCYCLES

Body Style :

Power Train : GAS

Descriptive Information : Approximately 5,073 Model Year 2014 – 2018 R1200GS Adventure motorcycles, when mounted with luggage cases, may not fully conform to FMVSS 108, as the luggage cases may partially block the rear side reflex reflectors. Basis for recall population determination – technical analyses and production information review; addition of another case. Recall component differentiation to non-recall component – recall component not fitted with reflex reflector.

Production Dates : AUG 01, 2013 - SEP 18, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

**Description of Noncompliance :**

Description of the Noncompliance : This non-compliance involves luggage cases, and for the R1200GS and R1200GS Adventure also the aluminum luggage case mounts, which can be mounted at the rear and on the lower side of potentially affected motorcycles. Potentially affected cases may not have been equipped with reflex reflectors during production. As a result, if these cases, and for the R1200GS and R1200GS Adventure also the aluminum case mounts, are mounted onto the motorcycles, potentially affected motorcycles may not fully conform to FMVSS 108.

FMVSS 108 Section 8.1.11 states that the reflex reflector must meet a 20L/ 20R entrance angle of the photometric requirement (Table XVI-a) at the mounted position on the motorcycle. Cases were not produced with reflex reflectors to compensate for the possible partial blocking of the motorcycle's rear side reflex reflectors when the cases are mounted. For the R1200GS and R1200GS Adventure, with aluminum case mounts, the case mount may partially block the reflector.

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

FMVSS 2 : NR

Description of the Safety Risk : In certain road and traffic conditions, the rear side reflex reflectors may be slightly obscured to drivers of other vehicles and increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

**Supplier Identification :****Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

**Chronology :**

On May 8, 2017, during a review of the next generation BMW R model motorcycle, a potential issue involving the FMVSS 108 entrance angle for the rear side reflex reflectors was noted.

On May 17th, a detailed engineering review was initiated. This included evaluations of current models for design comparisons and differences. It was noted that the entrance angle of some current models may have a

similar issue.

Between mid-May and late-June, various documentation for the development of luggage cases and aluminum luggage case mounts, was collected for review and analysis. This included engineering drawings of the cases and case mounts, and Computer Aided Design (CAD) images with mounted cases on different BMW models.

By mid-July, after further analysis involving part numbers, accessory information, and build configurations, the engineering review concluded that if the cases, or the aluminum case mounts, are mounted on the potentially affected motorcycles, then the rear side reflex reflectors could be partially blocked.

On July 21, 2017, BMW determined that potentially affected motorcycles, when equipped with the luggage cases, or the aluminum luggage case mounts, may not fully conform to FMVSS 108, and decided to conduct a voluntary recall.

We are continuing to assess this issue to ensure that all possible affected luggage cases have been identified.

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 : Owners of all potentially affected motorcycles will be contacted and instructed that if they have purchased the cases, or the aluminum case mounts, then they should make an appointment with their authorized BMW motorcycle dealer to have the reflex reflectors permanently attached to the cases, or for the aluminum case mounts an additional bracket containing the rear side reflex reflector installed on their motorcycle.

How Remedy Component Differs from Recalled Component :  
Recalled Component: S1000XR: p/n(s) 8 556 479, 8 556 480, 8 554 545, 8 554546  
Recalled Component: R1200R, R1200RS: p/n(s) 8 536 869, 8 536 870  
Recalled Component: F800GT: p/n(s) 8 529 893, 8 529 894  
Recalled Component: F800R: p/n(s) 7 719 740, 7 722 364  
Recalled Component: R1200GS: p/n(s) 7 721 035, 7 721 036, 8 567 204  
Recalled component: F650GS: p/n(s) 2 412 379, 2 412 384, 2 412 385  
Recalled component: F800GS, F800GS Adventure: p/n(s) 2 412 379, 2 412 384, 2 412 385  
Recalled component: R1200GS Adventure: p/n(s) 2 412 379, 2 412 384, 2 412 385  
Recalled Component: R1200GS, R1200 GS Adventure: Aluminum Cases p/n(s) 8 562 409, 8 562 410, 8 520 065, 8 520 066  
Recalled component: Aluminum Case Mounts, p/n 8 520 067, 8 520 068, 8 520 069, 8 543 993, 2 414 108

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

**Recall Schedule :**

Description of Recall Schedule : Dealers are planned to be notified on November 8, 2017.  
Owners are planned to be notified on December 18, 2017

Planned Dealer Notification Date : NOV 08, 2017 - NR

Planned Owner Notification Date : DEC 18, 2017 - NR

\* NR - Not Reported