

Part 573 Safety Recall Report

17V-591

Manufacturer Name : BMW of North America, LLC

Submission Date : SEP 22, 2017

NHTSA Recall No. : 17V-591

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 : 1,478

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2014-2016 BMW F800GT

Vehicle Type : MOTORCYCLES

Body Style :

Power Train : GAS

Descriptive Information : Approximately 836 motorcycles may not fully conform to FMVSS 108.

Basis for recall population determination: Based upon a review of motorcycle assembly records, the redesigned license plate bracket was introduced in motorcycle assembly on Mar 7, 2014. US production started on March 12, 2014 and ended on Apr 1, 2016.

Recall component difference to non-recall component: Difference in position of the rear side reflex reflector as a result of a redesigned license plate bracket affected US specification motorcycles.

Production Dates : MAR 12, 2014 - APR 01, 2016

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 2 : 2015-2016 BMW F800R

Vehicle Type : MOTORCYCLES

Body Style :

Power Train : GAS

Descriptive Information : Approximately 642 motorcycles may not fully conform to FMVSS 108.

Basis for recall population determination: Based upon a review of motorcycle assembly records, the redesigned license plate bracket was introduced in motorcycle assembly on March 7, 2014. US production started on October 10, 2014 and ended on March 15, 2016.

Recall component difference to non-recall component: Difference in position of the rear side reflex reflector as a result of a redesigned license plate bracket affected US

specification motorcycles.

Production Dates : OCT 10, 2014 - MAR 15, 2016

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Noncompliance :

Description of the Noncompliance : The rear side reflex reflectors are permanently mounted on the license plate bracket. Because of a license plate size requirement required by Chinese regulations, there was a design change for the bracket which also inadvertently affected US specification motorcycles. As a consequence, the rear side reflex reflector position changed for affected motorcycles, and could be partially blocked by the exhaust silencer. Therefore, affected motorcycles may not fully conform to FMVSS 108 Section 8.1.11 which specifies photometric requirements per Table XVI-a at the mounted position on the motorcycle for a 20L/20R entrance angle.

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 :

A comprehensive evaluation of lighting equipment and engineering design information was conducted on all current and future motorcycle models. On June 20, 2017, a potential issue concerning the rear side reflex reflectors was reviewed in relation to the location of the exhaust silencer on BMW F800 models.

During the month of July, further reviews and analyses suggested that a possible non-compliance of the FMVSS 108 entrance angle might exist specifically for the BMW F800GT and F800R models. The information suggested that the rear side reflex reflectors could be partially blocked by the exhaust silencer. It appeared

that this could be a result of a design change of the license plate bracket necessary for Chinese regulations which also inadvertently affected US specification motorcycles.

On July 25th, SAE J594 ("Reflex Reflectors") testing was initiated. By August 7th, initial test results confirmed the component-level certification of the rear side reflex reflectors for photometry requirements. Additional tests were initiated to evaluate total vehicle validation of visibility and entrance angle requirements.

Between August and early September, US specification motorcycles were located for complete vehicle testing and analyses. By September 13th, FMVSS 108 visibility evaluations and analyses were completed. The results indicated that the rear side reflex reflectors could be partially blocked by the exhaust silencer.

On September 15, 2017, BMW determined that potentially affected motorcycles may not fully conform to FMVSS 108 and 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 license plate holder will be modified to reposition the rear side reflex reflector so that it is not partially blocked and therefore meets the requirements of FMVSS108.

How Remedy Component Differs from Recalled Component : Recall Component: License plate holder: p/n 7 716 875

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

Recall Schedule :

Description of Recall Schedule : Dealers are planned to be notified on September 22, 2017.
Owners are planned to be notified on November 13, 2017.

Planned Dealer Notification Date : SEP 22, 2017 - NR

Planned Owner Notification Date : NOV 13, 2017 - NR

* NR - Not Reported