

RECEIVED

By Recall Management Division at 6:03 am, Apr 18, 2014

BMW Group

VIA CERTIFIED MAIL, RETRUN RECEIPT REQUESTED, AND EMAIL

April 17, 2014

Ms. Nancy Lewis
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
1200 New Jersey Ave., S.E.
Washington, DC 20590

**Re: Recall Campaign
Gearbox sealing ring
2013 BMW R 1200 GS
(49 CFR 579 - 13F-006 (January 31, 2013))**

Dear Ms. Lewis:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act of 1966 and 49 CFR Part 573.

Pursuant to Section 573.6(c), we submit the following information.

1.	<u>Manufacturer:</u>	Bayerische Motoren Werke AG (BMW AG)
	<u>Designated Agent:</u>	Samuel Campbell, III Department Head, Safety Engineering and ITS BMW of North America, LLC (BMW NA) 200 Chestnut Ridge Rd. (Bldg. 150) Woodcliff Lake, NJ 07677

2.	<u>Make:</u>	BMW
	<u>Model Year / Model</u>	<u>Inclusive Dates of Manufacture</u>
	2013 / R 1200 GS	Nov 2012 - Aug 2013

3. The number of motorcycles affected is approximately 1,420.
4. The percentage of motorcycles estimated to contain the condition is less than 1%.
5. This recall involves the gearbox sealing ring. As a result of gear changing or load reversals, pressure peaks within the gearbox can occur. Due to production variance such as surface finish of the housing and the position of the sealing ring, the ring could be pushed out from its seated position. If this were to happen, oil could leak from the gearbox and onto the rear tire, which could increase the risk of a crash.
6. On January 24, 2013, BMW decided to conduct a voluntary worldwide recall involving the gearbox sealing ring. A Part 579 report (13F-006) was submitted to NHTSA indicating that all US market affected motorcycles were within the custody and control of BMW and repaired before release to the dealers. An oil restrictor that reduces oil pressure at the gearbox output to a more appropriate level was installed. Additionally, the sealing ring was inspected and replaced if necessary.

Company
BMW of North America, LLC

BMW Group Company

Mailing address
PO Box 1227
Westwood, NJ
07675-1227

Office address
300 Chestnut Ridge Road
Woodcliff Lake, NJ
07677-7731

Telephone
(201) 307-4000

Fax
(201) 571-5479

Website
bmwusa.com



On September 26, 2013, BMW received the first non-US field report regarding a leaking gearbox due to an extruded sealing ring. On this motorcycle, the sealing ring was fitted properly, and an oil restrictor had been installed in accordance with the recall remedy associated with 13F-006. Therefore, it was not clear as to why the sealing ring had become extruded. Additional non-US field reports of a similar nature started to be received.

On December 3, 2013, as a result of the additional field reports, engineering analyses and reviews were initiated. The analyses included geometric examinations of the gearbox housing and the gearbox sealing ring, oil pressure measurements within the gearbox, and static and dynamic tests regarding the fitment of the sealing ring. On March 3, 2014, BMW received a report of an accident, without injuries, from a customer in Italy. By March 25, 2014, BMW received 19 non-US field reports regarding a leaking gearbox due to an extruded sealing ring.

On April 9, 2014, the engineering analyses and reviews were completed. It was determined that the addition of the oil restrictor was not sufficiently adequate to prevent the gearbox sealing ring from being pushed out.

Production and manufacturing records were examined in order to determine the number, and production range of potentially affected motorcycles.

On April 10, 2014 BMW decided to conduct a voluntary recall.

7. Not applicable.
8. A bracket will be fitted to prevent the gearbox sealing ring from being pushed out.

BMW expects to begin dealer notification in April and complete dealer notification in June. BMW expects to begin and complete owner notification in June.
9. Not applicable.
10. A copy of the Service Bulletin will be submitted when available. A copy of the owner notification letter will be submitted when available.
11. Not applicable.

Sincerely,

BMW OF NORTH AMERICA, LLC



Sam Campbell
Department Head
Safety Engineering and Intelligent Transportation Systems