

VIA CERTIFIED MAIL, RETRUN RECEIPT REQUESTED, AND EMAIL

May 15, 2014

RECEIVED

By Recall Management Division at 6:09 am, May 16, 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
Camshaft Chain Tensioner
Model Year 2012-2014 C 600 Sport and C 650 GT**

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>

<u>Designated Agent:</u> | Bayerische Motoren Werke AG (BMW AG)

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>

<u>Model Year / Model</u> | BMW

2012-2014
C 600 Sport, C 650 GT |
| 3. | <u>Inclusive Dates of Manufacture</u> | Aug 2, 2012 – Feb 18, 2014 |
| 3. | The number of motorcycles affected is approximately 1,360. | |
| 4. | The percentage of motorcycles estimated to contain the condition is more than 50% over the vehicle lifetime. | |
| 5. | This recall involves the camshaft chain tensioner. As a result of an improperly produced camshaft chain tensioner, a clearly audible noise from the chain drive can occur because of an improperly adjusted loose chain. If the noise is not noticed by the rider, an engine breakdown could result while riding the motorcycle. If this were to happen, the motorcycle will lose power and the engine may stall when decelerating, which could increase the risk of a crash. The engine cannot be started after stalling. | |

The name, business address of the supplier, and country of origin of the camshaft chain tensioner is:

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



KWANG YANG MOTOR CO., LTD.
No 35, Wansing Street.
Sanmin District
Kaohsiung City 80794

Country of Origin: Taiwan

6. On February 8, 2013, BMW initially became aware of this issue as a result of a field report from France, indicating an audible noise at high engine speeds. Two additional field reports were received; one in May and one in June. These reports did not indicate engine failure or stalling, and did not indicate an issue. The defective parts were not returned for analysis.

On May 24, 2013, an endurance test motorcycle after approximately 15,500 miles showed excessive engine noise and experienced a stalling condition. However it was possible to restart the engine. The defective camshaft chain tensioner was removed by BMW and returned to the engine supplier in Taiwan for analysis. Between May and August, engineering analyses and reviews were conducted on this part. On August 9, 2013, the manufacturing defect was identified as a stamping burr which resulted in excessive wear on the camshaft chain tensioner.

In August, 2013, improved stamping tools and processes were implemented at the engine supplier to enhance the surface finish quality of the camshaft chain tensioner. In December, 2013, engines with the improved camshaft chain tensioner were first introduced to motorcycle production.

On November 21, 2013, a field report was received from Korea, indicating engine stalling without an ability to restart. The associated parts were not returned for analysis.

On January 17, 2014, a field report from the Netherlands was received, indicating an inability to restart the engine after shutting it off. On February 11, 2014, a Korean report was received, indicating stalling while idling without an ability to restart.

In March, 2014, the camshaft chain tensioners associated with these two reports were received at BMW in Munich for analysis. By the end of April 2014, these tensioners were confirmed to exhibit the same wear condition as found on the endurance test motorcycle. At that time, a total of 42 warranty claims had been reported globally for this condition; mainly associated with excessive engine noise. Production and manufacturing records were examined in order to determine the quantity, and the production range of potentially affected motorcycles.

On May 8, 2014 BMW decided to conduct a voluntary recall.

BMW has not received any reports of any accidents or injuries related to this issue.

7. Not applicable.
8. The camshaft chain tensioner will be replaced.

BMW expects to begin dealer notification in June and complete dealer notification in July. BMW expects to begin and complete owner notification in July.

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

A handwritten signature in black ink, appearing to read "S. Campbell", written in a cursive style.

Sam Campbell
Department Head
Safety Engineering and Intelligent Transportation Systems