

September 27, 2012

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

**VIA CERTIFIED MAIL, RETURN RECEIPT REQUESTED, AND EMAIL**

**Re: Recall Campaign  
Engine Oil Pump  
2013 BMW M5, M6 Coupe, M6 Convertible**

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)   |
|    | <u>Designated Agent:</u>   | Thomas C. Baloga<br>Vice President, Engineering-US<br>BMW of North America, LLC<br>200 Chestnut Ridge Rd. (Bldg. 150)<br>Woodcliff Lake, NJ 07677 |
| 2. | <u>Make:</u>               | BMW   |
|    | <u>Model Year / Model:</u> | 2013 / M5<br>2013 / M6 Coupe<br>2013 / M6 Convertible   |

Inclusive Dates of Manufacture: July 19, 2012 – September 11, 2012

- |    |   |
|----|---|
| 3. | The number of vehicles affected is 696.   |
| 4. | The percentage of vehicles estimated to actually contain the condition is 30%.  |
| 5. | This recall involves the engine oil pump. Due to a manufacturing process error, the tolerance between the pump's drive shaft and the pump's rotor was not within specification. As a result, the pump's driveshaft could separate from the rotor. This could lead to a sudden loss of oil pressure causing severe engine damage, and the possibility of complete engine failure while driving. If the vehicle experiences a sudden loss of oil pressure, a low oil pressure warning indicator and message is displayed in the instrument cluster. |

The name, business address, telephone number, and contact person of the supplier, and country of origin of the component, 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



Mahle Filtersysteme GmbH  
Mr. Dieter Bart  
Ahornstrasse 1,  
98673 Auengrund, Germany  
Phone: 49 36878 620-23805  
Fax: 49 36878 620-23811

Country of Origin – Germany

6. On August 21, 2012 BMW initially became aware of this matter from a report pertaining to an engine failure on an in-house test-bench during normal quality testing. Based on initial information pertaining to a lack of oil pressure, this suggested that the failure may have involved the engine oil pump. As a result, the engine oil pump supplier (Mahle Filtersysteme GmbH) was contacted on August 24, 2012.

Between August 21<sup>st</sup> and September 18<sup>th</sup>, a total of nine engine failures occurred. Of the nine cases, three occurred on engine test-benches and two occurred during road testing at the vehicle assembly plant. The other four cases occurred soon after customer delivery in Europe. Of the nine total cases, three were US specification vehicles while still in Europe. The majority of cases occurred very early in the life of the engine.

Between August 21, 2012 and September 14, 2012, in-depth analysis of damaged engine components further suggested that the issue involved the oil pump's drive shaft and the pump's rotor.

On September 12, 2012, an examination of oil pump supplier manufacturing records revealed that there was an oil pump manufacturing process error. The specified tolerance between the pump's drive shaft and its rotor was not within specification.

Production and manufacturing records were examined in order to determine the number, and production range of potentially affected vehicles. On September 14<sup>th</sup>, vehicle production was halted.

An internal delivery hold was issued on September 20<sup>th</sup>.

On September 20, 2012, 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. BMW will conduct a recall campaign to remedy the affected vehicles. The engine oil pump will be replaced.

BMW expects to begin dealer notification in September and complete dealer notification in October. BMW expects to begin owner notification in September and complete owner notification in October.

9. Not applicable.

10. A copy of the Service Bulletin will be submitted when available. A draft copy of the owner notification letter is attached.
11. Not applicable.

Sincerely,

BMW OF NORTH AMERICA, LLC

A handwritten signature in blue ink that reads "David Cordero". The signature is fluid and cursive, with a long, sweeping underline that extends to the right.

David Cordero  
Safety Integrity and Recall Manager

Attachment

TREAD ACT CUSTOMER REIMBURSEMENT PLAN  
(BMW of North America, LLC)

Customer Reimbursement for Safety Related Recall Repairs  
Effective with Safety related recalls initiated January 15, 2003

The customer is encouraged to request reimbursement from their authorized BMW center. Alternatively, the customer may submit the request for reimbursement to the following address:

Customer Relations and Services Department  
BMW of North America, LLC  
P.O. Box 1227  
Westwood, NJ 07675-1227

In all cases:

- Repair expenses pertaining to the subject of the safety recall are reimbursable, not consequential expenses such as towing, rental, accommodations, damage repairs, etc.
- Expenses from repair facilities outside of the BMW center network will be considered; however, the procedure must meet BMW standards.
- The Manufacturer's Suggested Retail Price (MSRP) for BMW Genuine Parts will be considered as the guideline for reasonable charges.
- Expenses for repairs performed more than 10 days after the date of the last owner notification letter sent by BMW are not eligible for reimbursement.
- Taxes and hazardous waste disposal, where previously paid, are eligible for reimbursement.

The authorized BMW center will request a copy of the owner notification letter, as well as, a copy of the owner's previously paid invoice, and then inspect the vehicle (if still in the possession of the invoice holder) to determine the scope and quality of the previous repair. Claims shall be processed within 60 days of receipt.