



U.S. Department of Transportation  
**National Highway Traffic Safety  
Administration**

1200 New Jersey Avenue SE  
Washington, DC 20590

November 21, 2014

Mr. Francis Dance  
Safety Integrity and Recall Manager  
BMW of North America, LLC  
P.O. Box 1227  
Woodcliff Lake, NJ 07677

NVS-215SM  
14V-627

**Subject:** Loss of Brake Assist/Vacuum Pump Lubrication

Dear Mr. Dance:

This letter serves to acknowledge BMW of North America, LLC's notification to the National Highway Traffic Safety Administration (NHTSA) of a safety recall which will be conducted pursuant to Federal law for the product(s) listed below. Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

**Makes/Models/Model Years:**

BMW/320I/2012-2014  
BMW/328I/2012-2014  
BMW/428I/2014  
BMW/528I/2012-2013  
BMW/X1/2013-2014  
BMW/X3/2013-2014  
BMW/Z4/2012-2014

**Mfr's Report Date:** October 3, 2014

**NHTSA Campaign Number:** 14V-627

**Components:**

SERVICE BRAKES, HYDRAULIC:POWER ASSIST:VACUUM  
SERVICE BRAKES, HYDRAULIC:POWER ASSIST:VACUUM:HOSES, LINES/PIPING, AND FITTINGS

**Potential Number of Units Affected:** 8,988

**Problem Description:**

BMW of North America LLC (BMW) is recalling certain model year 2014 BMW 328i xDrive Sports Wagon, 2012-2014 BMW 320i Sedan, 328i Sedan, 320i xDrive Sedan, 328i xDrive Sedan, 2012-2013 BMW 528i Sedan, 528i xDrive Sedan, 2013-2014 BMW X1 sDrive28i, X1 xDrive28i Sports Activity Vehicle, 2013-2014 BMW X3 xDrive28i Sports Activity Vehicle, 2012-2014 BMW Z4 sDrive28i Roadster, and 2014 BMW 428i Coupe, and 428i xDrive Coupe. Due to insufficient lubrication, the vacuum pump that supplies brake power assistance may fail.

**Consequence:**

A failure of the brake vacuum pump results in a reduction in braking power that could increase the risk of a crash.

**Remedy:**

BMW will notify owners, and dealers will install a locking ring in the camshaft to retain the camshaft seal disk in the proper location, free of charge. The recall is expected to begin in November 2014. Owners may contact BMW customer service at 1-800-525-7417.

**Notes:**

Owners may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to [www.safercar.gov](http://www.safercar.gov).

We have received BMW's proposed owner notification letter and it is currently under review. You will be notified of any changes or concerns once our review is complete.

Per the requirements of 573.6(c)(2)(iv), please provide the supplier name, contact information, address and country of origin (if known) for the seal disk or camshaft core (whichever is the causal component).

Please be reminded of the following requirements:

Copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

As stated in Part 573.7, submission of the first of six consecutive quarterly status reports is required within one month after the close of the calendar quarter in which notification to purchasers occurs. Therefore, the first quarterly report will be due on, or before, 30 days after the close of the calendar quarter.

Your contact for this recall will be Sarah Mcshane who may be reached by phone at 202-366-7401, or by email at [sarah.mcshane@dot.gov](mailto:sarah.mcshane@dot.gov) or through the office email at [rmd.odi@dot.gov](mailto:rmd.odi@dot.gov). We look forward to working with you.

Sincerely,



Jennifer Timian  
Chief, Recall Management Division  
Office of Defects Investigations  
Enforcement