



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

1200 New Jersey Avenue SE
Washington, DC 20590

August 7, 2018

Ms. Helen Riehle
Safety Integrity and Recall Manager
BMW of North America, LLC
300 Chestnut Ridge Road
Woodcliff Lake, NJ 07677

NEF-150JK
18V-465

Subject: Crankshaft Sensor Firmware may Cause Stall

Dear Ms. Riehle:

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/540D/2018

Mfr's Report Date: July 11, 2018

NHTSA Campaign Number: 18V-465

Components:

ENGINE AND ENGINE COOLING:ENGINE

Potential Number of Units Affected: 12

Problem Description:

BMW of North America, LLC (BMW) is recalling certain 2018 BMW 540d xDrive vehicles. The crankshaft sensor may be equipped with incorrect firmware, preventing the sensor from properly processing input from the crankshaft reluctor ring, possibly resulting in a vehicle stall.

Consequence:

A vehicle stall can increase the risk of a crash.

Remedy:

BMW will notify owners, and dealers will replace the crankshaft sensor, free of charge. The recall is expected to begin August 27, 2018. 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.

Please be reminded of the following requirements:

You are required to submit a draft owner notification letter to this office no less than five days prior to mailing it to the customers. Also, 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).

Please be reminded that under 49 U.S.C. § 30112(a)(3), it is illegal for a manufacturer, to sell, offer for sale, import, or introduce or deliver into interstate commerce, a motor vehicle or item of motor vehicle equipment that contains a safety defect once the manufacturer has notified NHTSA about that safety defect. This prohibition does not apply once the motor vehicle or motor vehicle equipment has been remedied according to the manufacturer's instructions.

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 Jennifer Kruger who may be reached by phone at (202) 366-2461, or by email at jennifer.kruger@dot.gov or through the office email at rmd.odi@dot.gov. We look forward to working with you.

Sincerely,



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