



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

1200 New Jersey Avenue SE  
Washington, DC 20590

June 13, 2023

Ms. Karen Blaesser  
Sr. Manager - Campaign Administration & Execution  
Chrysler (FCA US, LLC)  
1000 Chrysler Drive  
Auburn Hills, MI 48326

NEF-107DM  
23V-411

**Subject:** Crankshaft Position Sensor Failure

Dear Ms. Blaesser:

This letter serves to acknowledge Chrysler (FCA US, 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:**

JEEP/GRAND CHEROKEE/2014-2020  
RAM/1500/2014-2019

**Mfr's Report Date:** June 8, 2023

**NHTSA Campaign Number:** 23V-411

**Components:**

ENGINE AND ENGINE COOLING

**Potential Number of Units Affected:** 80,629

**Problem Description:**

Chrysler (FCA US, LLC) is recalling certain 2014-2019 Ram 1500 and 2014-2020 Jeep Grand Cherokee vehicles equipped with 3.0L Diesel engines. The crankshaft position sensor tone wheel may delaminate, causing the engine to lose its ability to synchronize the fuel injector pulses and cam shaft timing, possibly resulting in an engine stall.

**Consequence:**

An engine stall can increase the risk of a crash.

**Remedy:**

Dealers will update the powertrain control module software to maintain vehicle propulsion, free of charge. Owner notification letters are expected to be mailed July 28, 2023. Owners may contact FCA US, LLC customer service at 1-800-853-1403. FCA US, LLC's number for this recall is 66A. This recall is an expansion of recall 20V-475.

**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.nhtsa.gov](http://www.nhtsa.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).

As stated in 49 U.S.C. § 30118(f), submission of eight consecutive quarterly reports followed by three annual reports is required. As described in 573.7, submission of the first of eight 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. The first of three consecutive annual status reports will be due on, or before, 1 year after the eighth quarterly report was submitted.

Chrysler (FCA US, LLC)'s contact for this recall will be DeMara Magruder who may be reached by email at demara.magruder@dot.gov. We look forward to working with you.

Sincerely,



Alex Ansley  
Chief, Recall Management Division  
Office of Defects Investigation  
Enforcement