



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

1200 New Jersey Avenue SE  
Washington, DC 20590

August 20, 2020

Ms. Jennifer Shute  
Sr Mgr Safety Recall Execution  
Chrysler (FCA US LLC)  
800 Chrysler Drive  
CIMS 482-00-91  
Auburn Hills, MI 48326

NEF-150DM  
20V-475

**Subject:** Crank Position Sensor Tone Wheel may Delaminate

Dear Ms. Shute:

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/2014-2016  
RAM/1500/2014-2018

**Mfr's Report Date:** August 13, 2020

**NHTSA Campaign Number:** 20V-475

**Components:**

ENGINE AND ENGINE COOLING:ENGINE:DIESEL

**Potential Number of Units Affected:** 58,016

**Problem Description:**

Chrysler (FCA US LLC) is recalling certain 2014-2018 Ram 1500 and 2014-2016 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:**

FCA US will notify owners, and dealers will update the powertrain control module software to maintain vehicle propulsion by reading the camshaft position signal in the event that the crankshaft position signal is lost, free of charge. The recall is expected to begin October 2, 2020. Owners may contact FCA US customer service at 1-800-853-2002. FCA US's number for this recall is W58.

**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).

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 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 DeMara Magruder who may be reached by phone at (202) 366-8538, or by email at demara.magruder@dot.gov. We look forward to working with you.

Sincerely,



Joshua Neff  
Chief, Recall Management Division  
Office of Defects Investigations  
Enforcement