



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

1200 New Jersey Avenue SE  
Washington, DC 20590

September 1, 2022

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

NEF-107DM  
22V-642

**Subject:** Internal ECM Short May Cause Loss of Drive Power

Dear Karen 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:**

RAM/2500/2022  
RAM/3500/2022  
RAM/4500/2022  
RAM/5500/2022

**Mfr's Report Date:** August 26, 2022

**NHTSA Campaign Number:** 22V-642

**Components:**

ENGINE AND ENGINE COOLING:ENGINE:ENGINE CONTROL MODULE (ECU/ECM)

**Potential Number of Units Affected:** 4,907

**Problem Description:**

Chrysler (FCA US, LLC) is recalling certain 2022 Ram 3500, 3500 Cab Chassis, Ram 2500, and 4500 and 5500 Cab Chassis vehicles equipped with Cummins 6.7L turbo diesel engines. The engine control module (ECM) may have been built with a misaligned capacitor that can short-circuit, resulting in an internal loss of communication.

**Consequence:**

An internal loss of communication can result in a loss of drive power, increasing the risk of a crash.

**Remedy:**

Dealers will replace the ECM, free of charge. Owner notification letters are expected to be mailed October 15, 2022. Owners may contact FCA US, LLC customer service at 1-800-853-1403. FCA US, LLC's number for this recall is Z87.

**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).

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 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.

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

Sincerely,



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