



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

1200 New Jersey Avenue SE  
Washington, DC 20590

May 26, 2016

Ms. Teresa Thiele  
Head of Safety Campaign Administration & Execution  
Chrysler (FCA US LLC)  
800 Chrysler Drive  
Auburn Hills, MI 48326-2757

NEF-150SM  
16V-303

**Subject:** Propulsion System May Shut Down

Dear Ms. Thiele:

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:**

FIAT/500E/2013-2016

**Mfr's Report Date:** May 10, 2016

**NHTSA Campaign Number:** 16V-303

**Components:**

ELECTRICAL SYSTEM: BATTERY: PROPULSION SYSTEM

**Potential Number of Units Affected:** 16,549

**Problem Description:**

Chrysler (FCA US LLC) is recalling certain model year 2013-2016 Fiat 500e vehicles manufactured March 22, 2012, to January 29, 2016. The power inverter module (PIM) may experience voltage spikes which can cause the propulsion system to shut down and loss of motive power.

**Consequence:**

Loss of motive power can increase the risk of a crash.

**Remedy:**

Chrysler will notify owners, and dealers will update the PIM software, free of charge. Interim notices will be sent to owners in June 2016. Owners will receive a second notice when remedy software become available. Owners may contact Chrysler customer service at 1-800-853-1403. Chrysler's number for this recall is S26.

**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).

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 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,

A handwritten signature in black ink, appearing to read "Jennifer Timian". The signature is fluid and cursive, with a large initial "J" and a long horizontal stroke at the end.

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