



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

1200 New Jersey Avenue SE
Washington, DC 20590

April 10, 2015

Mr. Phil Hartnagel
Senior Manager-Product Investigation and Campaigns
Chrysler (FCA US LLC)
800 Chrysler Drive
CIMS 482-00-91
Auburn Hills, MI 48326-2757

NVS-215SM
15V-179

Subject: Electric Propulsion System may Shutdown

Dear Mr. Hartnagel:

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/2013-2015

Mfr's Report Date: March 24, 2015

NHTSA Campaign Number: 15V-179

Components:

ELECTRICAL SYSTEM:BATTERY

Potential Number of Units Affected: 5,660

Problem Description:

Chrysler (FCA US LLC) is recalling certain model year 2013-2015 Fiat 500 EV vehicles manufactured March 27, 2012, to November 1, 2014. If the vehicle goes in to limp home mode, incompatible software between Electric Vehicle Control Unit (EVCU) and Battery Pack Control Module (BPCM) may cause the electric propulsion system to fully shut down.

Consequence:

An electric propulsion system shut down will cause a stall-like condition, increasing the risk of a crash.

Remedy:

Chrysler will notify owners, and dealers will update the vehicle software to ensure compatibility between components, free of charge. The recall is expected to begin May 15, 2015. Owners may contact Chrysler customer service at 1-800-853-1403. Chrysler's number for this recall is R15.

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 required in Part 573.6(c)(6), in the case of a defect, please amend your provided chronology to include all of the principal events that were the basis for the determination that the defect related to motor vehicle safety, including a summary of all warranty claims, field or service reports, and other information, with their dates of receipt. Please provide this information as soon as possible.

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 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