



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

1200 New Jersey Avenue SE
Washington, DC 20590

April 13, 2021

Mr. Gerrit Hurenkamp
Director of Engineering
Arcimoto Inc
2034 W. 2nd Ave
Eugene, OR 97402

NEF-107DM
21V-242

Subject: Exceeding Charge Limit May Cause Battery Shutdown

Dear Mr. Hurenkamp:

This letter serves to acknowledge Arcimoto Inc'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:

ARCIMOTO/DELIVERATOR/2019-2021
ARCIMOTO/FUV/2019-2021
ARCIMOTO/RAPID RESPONDER/2019-2021
ARCIMOTO/ROADSTER/2019-2021

Mfr's Report Date: April 6, 2021

NHTSA Campaign Number: 21V-242

Components:

ELECTRICAL SYSTEM:PROPULSION SYSTEM:TRACTION BATTERY:MANAGEMENT SYSTEM/
ENERGY CONTROL MODULE (BMS/BECM):SOFTWARE

Potential Number of Units Affected: 252

Problem Description:

Arcimoto Inc. (Arcimoto) is recalling certain 2019-2021 FUV, Deliverator, Rapid Responder, Roadster motorcycles. The inverter's firmware may allow the Kinetic Energy Recovery System (aka "regen") to exceed the Current Charge Limits and cause the Battery Management System to open the main contractor.

Consequence:

Opening the main contractor may cause a battery shutdown and loss of motive power, increasing the risk of a crash.

Remedy:

Arcimoto will notify owners, and will update the firmware, free of charge. The recall is expected to begin April 19, 2021. Owners may contact Arcimoto customer service at 1-541-683-6293.

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.



We have received Arcimoto's proposed owner notification letter and it has been approved for distribution.

Please ensure the following requirements are met:

Your company must supply the estimated date(s) for which it will notify dealers and/or distributors regarding this safety recall. If your company subsequently becomes aware that either the beginning or the completion dates reported to the agency for any of the notifications will be delayed by more than two weeks, your company shall promptly advise the agency of the delay and the reasons therefor, and furnish a revised estimate. If your company does not have dealers or distributors, please state so in the 573 (49 CFR 573.6 (c)(8)(ii)).

AMENDED 573 REQUIRED.

Per the requirements of 49 USC 30119, please provide the part number, name and description of the component or components involved in this recall. This information should be provided in an amended 573 in the "Involved Components" section.

AMENDED 573 REQUIRED.

Please be reminded of the following requirements:

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.

Arcimoto Inc'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