

Part 573 Safety Recall Report

19V-791

Manufacturer Name : Arcimoto Inc**Submission Date :** NOV 04, 2019**NHTSA Recall No. :** 19V-791**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Arcimoto Inc

Address : 2034 W. 2nd Ave
Eugene OR 97402

Company phone : 5958232

Population :

Number of potentially involved : 13

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2019 Arcimoto FUV

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : Affects thirteen MY2019 vehicles produced through to 10/24/2019.

Production Dates : SEP 19, 2019 - OCT 24, 2019

VIN Range 1 : Begin : 7F7ATR312KER00000 End : 7F7ATR317KER00011

☐ Not sequential

VIN Range 2 : Begin : 7F7ATR310KER00013 End : 7F7ATR310KER00013

☐ Not sequential**Description of Defect :**

Description of the Defect : Due to assembly variation of a high-voltage harness, braided shielding may incorrectly ground to a non-ground conductor, which could introduce the possibility of a high-voltage system short.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the high-voltage system shorts at this harness, this will result in the single high-voltage 40A fuse blowing, leading to unexpected and immediate loss of traction power, which would make the vehicle more difficult to control and increase the likelihood of a crash.

Description of the Cause : Incorrect positioning of braided shielding during assembly of a high-voltage harness may incorrectly ground to a non-ground conductor, resulting in the possibility of a high-voltage system short.

Identification of Any Warning that can Occur : None.

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

On October 22, 2019, Arcimoto Engineering and Q&RA Departments identified a ground fault in the high-voltage system during final inspection. After identifying Root Cause and determining a safety risk with safety recall potential, Arcimoto immediately implemented a Stop-Sale and stopped manufacturing vehicles. Starting on October 22, 2019 and continuing through October 28, 2019, Engineering and Q&RA Departments performed research and analysis. On October 29, 2019, Engineering and Q&RA Departments presented research and analysis findings to Arcimoto executives, who subsequently decided on that same day to (1) validate Engineering and Q&RA Departments' original findings (10/22-24), (2) validate additional findings of Safety issue from Engineering and Q&RA Departments (10/24-28), and (3) notify NHTSA of a Safety Recall.

Description of Remedy :

Description of Remedy Program : The defect will be remedied using current BOM items by inspecting the relevant high-voltage harness, and if defective, then replacing it. The remedy will be done free of charge to purchasers and owners. To the best of our knowledge, no owners have incurred any costs resulting from this defect.

How Remedy Component Differs from Recalled Component : Correctly assembled and remedied high-voltage harnesses have correctly positioned braided shielding that do not ground to any non-ground conductor.

Identify How/When Recall Condition was Corrected in Production : Manufacturing process changes to the assembly of the relevant high-voltage harness was implemented on October 24, 2019. Replacement of this defective harness within previously assembled HV Control Modules and Electrical Bulkheads was concurrently implemented by October 24, 2019. The manufacturing process changes apply to all subsequently produced vehicles.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported