

Part 573 Safety Recall Report

18V-943

Manufacturer Name : Arcimoto Inc**Submission Date :** APR 21, 2020**NHTSA Recall No. :** 18V-943**Manufacturer Recall No. :** 7F7-P6J5F-12**Manufacturer Information :**

Manufacturer Name : Arcimoto Inc

Address : 2034 W. 2nd Ave
Eugene OR 97402

Company phone : 5416836293

Population :

Number of potentially involved : 23

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2018 Arcimoto FUV

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : The recall population was determined by inspection. These twenty two vehicles did not have the headlights in the correct location.

Production Dates : NOV 01, 2017 - OCT 22, 2018

VIN Range 1 : Begin : 7F7ATR317HEB00000 End : 7F7ATR319HEB00001 Not sequentialVIN Range 2 : Begin : 7F7ATR311JEB00001 End : 7F7ATR319JEB00005 Not sequentialVIN Range 3 : Begin : 7F7ATR312JEB00007 End : 7F7ATR317JEB00018 Not sequentialVIN Range 4 : Begin : 7F7ATR315JEB00020 End : 7F7ATR310JEB00023 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : The position of the headlights does not meet the requirements of FMVSS 108 S10.17. Specifically, the headlights are horizontally disposed about the vertical centerline, but the distance between the closest edges of the effective projected luminous lens area in front of the light sources exceeds 200 mm.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

Description of the Safety Risk : The vehicle is not as easily identifiable as a motorcycle in the dark.

Description of the Cause : This non-compliance was the result of an incorrect interpretation of the FMVSS. The non-compliance surfaced when clarification was sought from both independent consultants and NHTSA.

Identification of Any Warning that can Occur : There is no warning preceding this non-compliance condition.

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

During the investigation of a non-related non-compliance recall, it was discovered that the position of the headlights does not meet the requirements of FMVSS 108 S10.17. Specifically, the headlights are horizontally disposed about the vertical centerline, but the distance between the closest edges of the effective projected luminous lens area in front of the light sources exceeds 200 mm. This issue was discussed with the Review Board on 12/18/2018, who escalated this to the PCM Group. The PCM Group met on 12/20/2018 and decided to escalate this as a recall candidate. Senior Management approved the recall on 12/21/2018.

Description of Remedy :

Description of Remedy Program : The non-compliance will be remedied by replacing the headlights with supplemental amber marker lights and adding fully compliant headlights to the center of the vehicle, mounted to the frame, in the location specified and with the distance between headlamps as specified. This replacement will be done free of charge to owners of the vehicles. To the best of our knowledge, no owners have incurred any costs resulting from this non-compliance.

How Remedy Component Differs from Recalled Component : The remedy components consists of a headlamp bracket assembly (PN 002974), mounted to the center of the frame, to which the two original headlamps (PN 003209) are relocated. Two marker lights with amber bulbs (PN 003208) are then installed in the location and using the brackets intended for the original headlamps.

Identify How/When Recall Condition was Corrected in Production : The new headlamp bracket assembly (PN 002974) will be added to the Bill Of Materials and Assembly Instructions will be updated before production will resume.

Recall Schedule :

Description of Recall Schedule : Arcimoto has retrieved all vehicles subject to this recall. All vehicles are currently under Arcimoto control and will not be returned to their owners or used on public roads until all recalls have been completed by Arcimoto.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : JAN 14, 2019 - JAN 18, 2019

* NR - Not Reported