

Part 573 Safety Recall Report

17V-436

Manufacturer Name : Zero Motorcycles Inc.**Submission Date :** JUL 10, 2017**NHTSA Recall No. :** 17V-436**Manufacturer Recall No. :** SV-ZMC-017-369**Manufacturer Information :**

Manufacturer Name : Zero Motorcycles Inc.

Address : 380 El Pueblo Road
Scotts Valley CA 95066

Company phone : 831-438-3500

Population :

Number of potentially involved : 10

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2017 Zero Motorcycles S ZF6.5, S ZF13.0, DSP ZF13.0, SR ZF13.0

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : If a turn signal lamp failure should occur, the flasher unit may not exhibit the regulatory required behavior ("significant change in the flashing rate") to notify the rider of this condition.

Production Dates : MAY 24, 2017 - MAY 30, 2017

VIN Range 1 : Begin : 538SMBZ47HCA08602 End : 538SMBZ49HCA08603 Not sequentialVIN Range 2 : Begin : 538SMCZ52HCA08604 End : 538SMCZ58HCA08624 Not sequentialVIN Range 3 : Begin : 538SDBZ58HCB08605 End : 538SDBZ5XHCB08640 Not sequentialVIN Range 4 : Begin : 538SMCZ60HCG08627 End : 538SMCZ60HCG08675 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : Due to a component manufacturing defect, the flasher unit on the subject motorcycles may not be compliant to regulations FMVSS 571.108 S9.3.6.

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

FMVSS 2 : NR

Description of the Safety Risk : If a turn signal lamp failure should occur, the flasher unit may not exhibit the regulatory required behavior ("significant change in the flashing rate") to notify the rider of this condition.

Description of the Cause : Manufacturing defect within the flasher component.

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : CEV Electronics (Chengdu) Co., Ltd.
Address : 2C Building, Longteng Industrial Park
Economic & Tech. Zone Longquanyi, Chengdu FOREIGN STATES
Country : China

Chronology :

On June 5, 2017, Zero Motorcycles' Quality team became aware of flasher units on the production floor that did not behave according to regulatory requirements. Through further research, it was determined that a manufacturing defect within a specific lot of these flashers was responsible for this condition, and that Zero Motorcycles' Production team began using this lot on May 22, 2017. Once this condition was identified, Zero Motorcycles began screening flashers, so that no additional non-compliant units were shipped starting June 22, 2017.

On July 7, 2017, Zero Motorcycles completed its internal investigation with regards to the implications of this concern and concluded that the subject population should be recalled. Zero Motorcycles executive management considered this information and determined that a program should be conducted to remedy this condition.

Zero Motorcycles is not aware of any accidents or injuries caused by this condition.

Description of Remedy :

Description of Remedy Program :	Zero Motorcycles dealers will test the motorcycle's flasher for the regulatory required behavior and replace it if it should not display this behavior. The labor time for testing the flasher is 0.25 hours, and the time for replacing it is between 0.5 and 1.0 hours, depending on model.
How Remedy Component Differs from Recalled Component :	The remedy component meets the specifications for regulatory compliance, while the recalled component does not due to an internal manufacturing defect.
Identify How/When Recall Condition was Corrected in Production :	Zero Motorcycles began sorting flashers for this condition on June 22, 2017, ensuring only compliant flashers were shipped on and after this date.

Recall Schedule :

Description of Recall Schedule : Assuming NHTSA approval timing permits, Zero Motorcycles expects to notify its dealer network no later than the week of July 17, 2017 and motorcycle owners no later than the week of July 24, 2017.

Planned Dealer Notification Date : JUL 17, 2017 - JUL 21, 2017

Planned Owner Notification Date : JUL 24, 2017 - JUL 28, 2017

* NR - Not Reported