

Part 573 Safety Recall Report

16V-878

Manufacturer Name : Suzuki Motor of America, Inc.

Submission Date : DEC 02, 2016

NHTSA Recall No. : 16V-878

Manufacturer Recall No. : 2A67



Manufacturer Information :

Manufacturer Name : Suzuki Motor of America, Inc.

Address : 3251 East Imperial Highway

Brea CA 92821-6795

Company phone : 714-996-7040

Population :

Number of potentially involved : 8,613

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2012-2016 Suzuki DL650

Vehicle Type : MOTORCYCLES

Body Style :

Power Train : NR

Descriptive Information : All 2012-2016 DL650 motorcycles are included.

Production Dates : AUG 30, 2011 - OCT 12, 2015

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The generator stator may have insufficient heat resistance due to the assembly process, which can lead to a short circuit of the stator wires.

Cycling of high and low temperatures during vehicle operation can cause expansion and contraction of thicker portions of the resin encasing the wire windings of the generator stator. During contraction, wires that have a thin layer of resin between them get pulled closer together, which can lead to damage to the wire insulation coating. Eventually, arcing can occur and the bare wires can contact each other causing a short circuit.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A short circuit of the stator wires causes lower electricity generation and reduced battery charging. In the worst case, the engine may stop running and be unable to be restarted, increasing the risk of a crash.

Description of the Cause : Glue was applied to an outside area of the stator wiring before introducing the impregnating resin, which caused the resin to collect inside the glue.

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : MAHLE Electric Drives Japan Corporation
Address : 3744 Ooka, Numazu-city
Shizuoka prefecture, 410-0022 FOREIGN STATES
Country : Japan

Chronology :

The chronology is attached as a separate document.

Description of Remedy :

Description of Remedy Program : Suzuki dealers will replace the generator stator with an improved part.
How Remedy Component Differs from Recalled Component : The remedy component has improved heat resistance.
Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : The recall will be conducted by the following authorized Suzuki motorcycle dealers in the U.S.: Suzuki Motor of America, Inc. - continental U.S.; Montgomery Motors, Ltd. - Hawaii.
Planned Dealer Notification Date : DEC 12, 2016 - DEC 12, 2016
Planned Owner Notification Date : DEC 19, 2016 - DEC 19, 2016

* NR - Not Reported