

Part 573 Safety Recall Report

18V-331

Manufacturer Name : Suzuki Motor of America, Inc.

Submission Date : MAY 17, 2018

NHTSA Recall No. : 18V-331

Manufacturer Recall No. : 4005 to 4008



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 : 5,786

Estimated percentage with defect : 20 %

Vehicle Information :

Vehicle 1 : 2013-2013 Suzuki Kizashi

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : There are 1,460 affected vehicles. The recall population was determined based on production dates. Recalled vehicles were equipped with CVT controllers that were produced using lead frames that had been stored under high humidity conditions and may have shunt resistors with unsoldered areas.

Production Dates : JUL 19, 2012 - OCT 31, 2012

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2013-2013 Suzuki SX4

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : There are 4,326 affected vehicles. The recall population was determined based on production dates. Recalled vehicles were equipped with CVT controllers that were produced using lead frames that had been stored under high humidity conditions and may have shunt resistors with unsoldered areas.

Production Dates : JUL 19, 2012 - APR 05, 2013

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The Continuously Variable Transmission (CVT) Control Module (TCM) of affected vehicles may have shunt resistors (which consist of resistor elements soldered to lead frames) that are mounted on the internal board with areas that are unsoldered. With use, cracks may start from the end of the unsoldered areas due to thermal stress, and the resistance value may become high. As a result, the solenoid that controls the hydraulic pressure of the CVT fluid can inappropriately increase the pressure, causing the fluid temperature to rise. If the fluid temperature exceeds a certain threshold, the CVT will operate under temperature protection control, causing a decrease in vehicle speed and reduced acceleration capability.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : When the CVT operates under temperature protection control, the decrease in vehicle speed and reduced acceleration capability can increase the risk of a crash.

Description of the Cause : Prior to the TCM manufacturing process, the lead frames that the resistor elements are soldered to had been stored under a combination of storage time and humidity conditions that can lead to formation of a moisture-laden oxide film on the lead frames. Formation of this film on the lead frames in soldering locations caused the shunt resistors to have unsoldered areas.

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : Jatco Co., Ltd.

Address : 700-1Imaizumi, Fuji-city
Shizuoka prefecture, 417-8585

Country : NR

Chronology :

The chronology is attached as a separate document.

Description of Remedy :

Description of Remedy Program : Suzuki Service Providers will replace the TCM of affected vehicles with a TCM that has properly soldered shunt resistors. Attached is a copy of Suzuki Motor of America Inc.'s plan for reimbursing owners who incurred costs for remedies of the reported defect in advance of recall notification.

How Remedy Component Differs from Recalled Component : Recalled components are:
Part No. 38880-57LE0 (TCM for 2013 Kizashi 2WD); Part No. 38880-57LF0 (TCM for 2013 Kizashi 4WD); Part No. 38880-54LN0 (TCM for 2013 SX4 2WD); Part No. 38880-54LP0 (TCM for 2013 SX4 4WD).
Vehicles with recalled components can only be identified based on the production date of the vehicle.

Identify How/When Recall Condition was Corrected in Production : No vehicles were produced for sale in the US after the 2013 model year.

Recall Schedule :

Description of Recall Schedule : The recall will be conducted by the following authorized Suzuki distributors: Suzuki Motor of America, Inc. - mainland U.S.; Servco Pacific, Inc. - Hawaii; Suzuki del Caribe, Inc. - Puerto Rico

Planned Dealer Notification Date : JUN 01, 2018 - JUN 01, 2018

Planned Owner Notification Date : JUN 08, 2018 - JUN 08, 2018

* NR - Not Reported