

Part 573 Safety Recall Report

23V-088

Manufacturer Name : Suzuki Motor USA, LLC

Submission Date : FEB 15, 2023

NHTSA Recall No. : 23V-088

Manufacturer Recall No. : 2A99



Manufacturer Information :

Manufacturer Name : Suzuki Motor USA, LLC

Address : 3251 East Imperial Highway
Brea CA 92821-6795

Company phone : 714-996-7040

Population :

Number of potentially involved : 2,552

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2022 Suzuki GSX1300RRQ/ZM2 (Hayabusa)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Vehicles in the recall population were equipped with a front brake master cylinder that was manufactured with an incorrect brake fluid primary port location. The affected recall population is determined by VIN range. The remedy part is identified by part number.

Production Dates : MAR 26, 2021 - JAN 11, 2022

VIN Range 1 : Begin : JS1EJ11B5N7100001 End : JS1EJ11B7N7102431

☐ Not sequential

VIN Range 2 : Begin : JS1EJ11D3N7100001 End : JS1EJ11D2N7100247

☐ Not sequential

Description of Defect :

Description of the Defect : An incorrect position of the front brake master cylinder primary port could cause excessive front brake lever travel during an initial application of the front brake. Under the worst-case condition, the vehicle may experience increased braking distance and may not comply with FMVSS 122.

FMVSS 1 : 122 - Motorcycle brake systems

FMVSS 2 : NR

Description of the Safety Risk : In the worst-case condition braking distance may extend, increasing the risk of a crash.

Description of the Cause : An improper location of the front brake master cylinder primary port may become blocked if swelling of the primary seal cup in an adjacent location occurs. In this case, fluid pressure change caused from normal cooling of the brake fluid after operation of the vehicle could create a negative pressure condition in the brake system. If this occurs, the front brake caliper pistons could retract creating excessive gap between the front brake pad and discs

Identification of Any Warning that can Occur : when the vehicle is at rest. In this condition, at the next application of the front brake the front brake lever will have excessive travel as the front brake pads move to contact the front brake discs and before brake system friction begins. The front brake lever will present with excess travel when first applied. In this condition, braking force may be reduced.

Involved Components :

Component Name 1 : Cylinder Assy, Front Master
Component Description : Body, Front Master Cylinder
Component Part Number : 59600-10L00

Supplier Identification :

Component Manufacturer

Name : Hitachi Astemo. Ltd
Address : 4370 Kamichihara
Joetsu, Niigata Foreign States 942-0035
Country : Japan

Chronology :

The chronology is attached as a separate document.

Description of Remedy :

Description of Remedy Program : The front brake master cylinder body will be replaced with a new part. The plan for reimbursing customers who have paid for repairs to remedy the reported condition is attached as a separate document

How Remedy Component Differs from Recalled Component : The front brake master cylinder body will be replaced with a new part that includes a repositioned primary port. The new part is identifiable by a punch mark on the master cylinder body imprinted on the handlebar clamp attachment face.

Identify How/When Recall Condition was Corrected in Production : From February 9, 2022, the location of the primary port was repositioned to prevent possible blockage of the primary seal cup if the cup became enlarged from swelling.

Recall Schedule :

Description of Recall Schedule :	The notification schedule shown is the current estimate. Suzuki will provide notification of any schedule changes as necessary
Planned Dealer Notification Date :	FEB 27, 2023 - FEB 27, 2023
Planned Owner Notification Date :	MAR 01, 2023 - MAR 01, 2023

* NR - Not Reported