

# 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

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.

**Identification of Any Warning that can Occur :** 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