### The information contained in this report was submitted pursuant to 49 CFR §573

# Part 573 Safety Recall Report

Manufacturer Information :

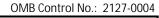
Manufacturer Name : Suzuki Motor USA, LLC Address : 3251 East Imperial Highway Brea CA 92821-6795 Company phone : 714-996-7040

### Vehicle Information :

Vehicle Type :	2022-2024 Suzuki GSX1300R MOTORCYCLES	
Body Style :		
Power Train :	GAS	
Descriptive Information :	Vehicles in the recall population were equipped with a front brake master cylinder that was manufactured with a fluid cap diaphragm that causes an inappropriate reaction to brake fluid. The affected recall population is determined by VIN range. The remedy parts are identified by part numbers and markings.	
Production Dates :	MAR 26, 2021 - MAR 29, 2024	
VIN Range 1:	Begin : JS1EJ11B5N7100001 End : JS1EJ11B6R7101566  Vot sequential	
VIN Range 2:	Begin :JS1EJ11D3N7100001End :JS1EJ11D0R7100320Image: Comparison of the sequential	

#### **Description of Defect :**

Description of the Defect :	Migration of certain elements present in the brake fluid cap diaphragm into the brake fluid could cause the brake fluid to react to rubber seal components within the front brake master cylinder and cause them to swell. Swelling of the primary seal cup seal could cause blockage of the master cylinder primary port and 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 :	Certain elements present in the brake fluid cap diaphragm material can migrate into the brake fluid and cause a reaction in the fluid that can cause swelling of the rubber seal cups in the brake master cylinder body. Under this





Number of potentially involved : 6,338 Estimated percentage with defect : 100 %

**Population :** 

# 24V-769

Submission Date :OCT 16, 2024NHTSA Recall No. :24V-769Manufacturer Recall No. :3A04

Manufacturer Name : Suzuki Motor USA, LLC

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	condition, the front brake master cylin the primary seal cup becomes enlarge In this case, fluid pressure change cau fluid of the vehicle could create a nega system. If this occurs, the front brake excessive gap between the front brake next application of the front brake the travel as the front brake pads move to brake system friction begins.	ed from swelling. used from normal cooling of the brak ative pressure condition in the brak caliper pistons could retract creatin e pad and discs. In this condition, at e front brake lever will have excessive o contact the front brake discs and b	ce e g the ve efore
volved Components :			
Component Name	e 1 : Cylinder Assy, Front Master		
<b>Component Descript</b>	on: Body, Front Master Cylinder		
Component Part Num	per : 59600-10L00		
Component Name	e 2: Cylinder Assy, Front Master		
Component Descript	on : Body, Front Master Cylinder		
Component Part Num	per: 59600-10L20		
Component Name	e 3 : Diaphram, Right		
Component Descript			
Component Part Num			
pplier Identification			
component Manufact			
Name : Hitachi Aste			
Address: 4370 Kamic	hihara		

Joetsu,Niigata Foreign States 942-0035

Country: Japan

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## **Chronology** :

The chronology is attached as a separate document.

### **Description of Remedy :**

Description of Remedy Program :	The front brake master cylinder body and brake fluid cap diaphragm will be replaced with new parts. The plan for reimbursing customers who have paid for repairs to remedy the reported condition is attached as a separate document.
	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 side of the body housing. The brake fluid cap diaphragm will be replaced with a new part that does not contain material that could cause the described brake fluid reaction. The new diaphragm will be identifiable by a notch at the upper side and also with an "F" mark embossed into the center area of the part.
0	From October, 2024 production, a revised brake fluid cap diaphragm will be applied. The revised part will be constructed of material that will not react with brake fluid and cause seal cup 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 :	OCT 24, 2024 - OCT 24, 2024
Planned Owner Notification Date :	OCT 25, 2024 <sup>-</sup> OCT 25, 2024

\* NR - Not Reported

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