

Part 573 Safety Recall Report

22V-881

Manufacturer Name : Xos, Inc.**Submission Date :** NOV 29, 2022**NHTSA Recall No. :** 22V-881**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Xos, Inc.

Address : 3550 Tyburn St.
Los Angeles CA 90065

Company phone : 2896765

Population :

Number of potentially involved : 260

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 Xos RM01

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : The recall population was determined by production records. The recalled products differ from products that were not included in the recall because, in a certain production period, vehicles may have been produced with incorrectly routed brake lines and incorrect brake line lengths.

The recall population includes one (1) Xos RM01 chassis as a potentially involved vehicle.

Production Dates : DEC 23, 2021 - DEC 23, 2021

VIN Range 1 : Begin : 4T9TSCA62MB208041 End : 4T9TSCA62MB208041 Not sequential

Vehicle 2 : 2021-2021 Xos SA01

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : The recall population was determined by production records. The recalled products differ from products that were not included in the recall because, in a certain production period, vehicles may have been produced with incorrectly routed brake lines and incorrect brake line lengths.

The recall population includes twenty (20) SA01 vehicles as potentially involved vehicles.

Production Dates : FEB 21, 2022 - NOV 04, 2022

VIN Range 1 : Begin : 4T9TCBB67MC208021 End : 4T9TCBB60MC208040 Not sequential

Vehicle 3 : 2021-2022 Xos SV05

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : The recall population was determined by production records. The recalled products differ from products that were not included in the recall because, in a certain production period, vehicles may have been produced with incorrectly routed brake lines and incorrect brake line lengths.

The recall population includes 239 SV05 vehicles as potentially involved vehicles.

Production Dates : DEC 23, 2021 - NOV 16, 2022

VIN Range 1 : Begin : 4T9TSAAM2MB208012 End : 4T9TSAA67NB208400 Not sequential

Description of Defect :

Description of the Defect : Brake line routing and length may result in compromise to the integrity of the brake lines, presenting a risk of brake fluid leak.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A brake fluid leak that remains undetected or unaddressed can lead to an increase in stopping distance, which may increase the risk of a crash.

Description of the Cause : Brake lines were incorrectly routed and installed with incorrect lengths during installation in manufacturing.

Identification of Any Warning that can Occur : If a leak is present, the low brake fluid warning light will illuminate in the instrument panel. After the reservoir of the potentially affected brake circuit is completely depleted, the brake pedal travel may begin to increase or the pedal may begin to feel soft.

Involved Components :

Component Name 1 : Rear Right Brake Line Assembly

Component Description : ABS to Wheel

Component Part Number : RM01-EB-A0018

Component Name 2 : Front Right Brake Line Assembly Center BA03

Component Description : ABS to Wheel ASSY

Component Part Number : RM02-EB-A0001

Component Name 3 : Brake Line

Component Description : Front Wheel

Component Part Number : RM01-EB-A0002

Supplier Identification :

Component Manufacturer

Name : Xos, Inc.

Address : NR

NR

Country : NR

Chronology :

On October 2, 2022, an Xos customer reported an issue involving fracture of the brake hose on its Xos SV05 vehicle. Xos inspected the vehicle and identified separation of the brake line. Xos subsequently repaired the vehicle, inspected additional vehicles, and began an internal root cause analysis.

On October 12, 2022, Xos identified brake line wear following inspection of an in-service SV05 vehicle. The affected hose was replaced and the vehicle was returned to the customer.

On November 11, 2022, a second Xos customer reported wear in the rubber brake line. Xos inspected the customer's vehicles and began replacing impacted components.

On November 22, 2022, the topic was presented to Xos's Product Safety Committee. Based upon the information presented, the Product Safety Committee decided to initiate a safety recall to address this condition.

To date, there has been one (1) warranty claim and no reports of accidents or injuries related to this condition.

Description of Remedy :

Description of Remedy Program : The affected brake lines and related hardware on the affected vehicles will be replaced at no cost to customers. All of the subject vehicles remain under the manufacturer's warranty. Therefore, pursuant to 49 CFR 577.11 (e), Xos requests an exemption from the reimbursement plan requirements.

How Remedy Component Differs : The recall remedy component can be distinguished from the recalled

from Recalled Component : component because the remedy component will be correctly routed and installed.

Identify How/When Recall Condition was Corrected in Production : On November 18, 2022, process improvement and additional checks were implemented in production.

Recall Schedule :

Description of Recall Schedule : Xos intends to notify dealers and owners in accordance with the planned notification dates.

Planned Dealer Notification Date : DEC 14, 2022 - DEC 14, 2022

Planned Owner Notification Date : DEC 14, 2022 - DEC 14, 2022

* NR - Not Reported