

Part 573 Safety Recall Report

23V-127

Manufacturer Name : Xos, Inc.**Submission Date :** FEB 24, 2023**NHTSA Recall No. :** 23V-127**Manufacturer Recall No. :** REC 001-23**Manufacturer Information :**

Manufacturer Name : Xos, Inc.

Address : 3550 Tyburn St.
Los Angeles CA 90065

Company phone : 2896765

Population :

Number of potentially involved : 259

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 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 other products that were not included in the recall because, in a certain production period, vehicles may have been produced with a Part 567 Compliance Label with an incorrect front gross axle weight rating.

Production Dates : DEC 27, 2021 - FEB 13, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : Xos has determined that in certain Xos Stepvans the front gross axle weight rating may exceed the sum of the maximum load ratings of the front tires. This constitutes a noncompliance with FMVSS 120, S5.1.2, which specifies, in part, that "the sum of the maximum load ratings of the tires fitted to an axle shall be not less than the gross axle weight rating (GAWR) of the axle system as specified on the vehicle's certification label required by 49 CFR part 567."

FMVSS 1 : 120 - Wheels and rims- other than passenger cars

FMVSS 2 : 567 - Certification

Description of the Safety Risk : Overloading over time could cause excessive tire wear and in a worst case scenario, could lead to tire failure, increasing the risk of a crash.

Description of the Cause : The gross axle weight rating of the front axle was misidentified due to an oversight in the engineering process.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Part 567 Compliance Label

Component Description : Label

Component Part Number : N/A

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

On or around January 15, 2023, an Xos engineer identified a discrepancy between the front gross axle weight rating shown on the SV05 Part 567 Compliance Label and the rating of the front tires. The front gross axle weight rating on the SV05 Part 567 Compliance Label was listed as 10,000 lbs. The weight rating for the front tires is 4,940 lbs. each. The issue was reported to Xos's engineering team and an evaluation of the issue was commenced.

On February 17, 2023, the topic was presented to Xos's Product Safety Committee. Based upon the information presented, the Product Safety Committee decided to initiate a recall to address this condition.

To date, there have been no warranty claims and no reports of accidents or injuries related to this condition.

Description of Remedy :

Description of Remedy Program : Xos will send replacement Part 567 Compliance Labels listing the correct gross axle weight rating to impacted customers.

How Remedy Component Differs from Recalled Component : Remedy labels list the correct front gross axle weight rating.

Identify How/When Recall Condition was Corrected in Production : The maximum front gross axle weight rating was changed to 9,000 lbs. in production vehicles shipped after 2/13/2023. From this date, the requirements of FMVSS 120, S5.1.2 are fulfilled on production vehicles

Recall Schedule :

Description of Recall Schedule : Customers and Dealers will be notified of the pending voluntary recall campaign beginning in March 2023. Copies of communications will be provided when available.

Planned Dealer Notification Date : MAR 21, 2023 - MAR 21, 2023

Planned Owner Notification Date : MAR 21, 2023 - MAR 21, 2023

* NR - Not Reported