

Part 573 Safety Recall Report

22V-924

Manufacturer Name : Easymile Inc.**Submission Date :** DEC 13, 2022**NHTSA Recall No. :** 22V-924**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Easymile Inc.

Address : 3300 Walnut Street
Suite 124 Denver CO 80205

Company phone : 2738891

Population :

Number of potentially involved : 4

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2019 EasyMile EZ10

Vehicle Type : LOW VOLUME VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : While charging, an EasyMile Gen2 EZ10 Vehicle caught fire. A second EasyMile Gen2 EZ10 Vehicle exhibited smoking while charging. Defective 48V batteries, manufactured by E4V in 2017, caused these incidents. The root cause of the 48V battery defect is still being investigated.

Production Dates : JAN 15, 2018 - MAR 18, 2019

VIN Range 1 : Begin : NR End : NR

 Not sequential**Description of Defect :**

Description of the Defect : EasyMile Gen2 EZ vehicles equipped with 48V batteries, manufactured in 2017 by E4V, are susceptible to catching fire during charging.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Fire and possible battery-gas emissions could cause damage and injury.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : 48V Battery

Component Description : 48V Battery

Component Part Number : BSA 0072

Supplier Identification :

Component Manufacturer

Name : E4V

Address : 10 rue Vincent Scotto
Le Mans Foreign States 72000

Country : France

Chronology :

September 20th, 2022: Two Gen2 EZ10 vehicles were parked and charging at the same location. One vehicle caught fire and the other was smoking.

September 21, 2022: EasyMile initiated an investigation into the cause of the September 20, 2022 Gen2 EZ10 vehicle fire incident and the cause of the separate September 20, 2022 Gen2 EZ10 vehicle smoking incident.

September 22, 2022 to November 25, 2022: Examinations of the two Gen2 EZ10 vehicles involved in the September 20, 2022 fire and smoking incidents indicated the fire and smoke were caused by the vehicles' 48V batteries. EasyMile communicated with NHTSA in late September and early October regarding the September 21 incidents. As a precautionary measure, and at NHTSA's direction, EasyMile instructed the two owners of the other Gen2 EZ10 vehicles equipped with 48V batteries to disconnect the batteries from the Gen2 EZ10 vehicles and to stop using the affected batteries. During its communications with NHTSA, NHTSA verbally told EasyMile to file a 573 report. Based on the available information, EasyMile determined that the 48V batteries on the four Gen2 EZ10 vehicles may be defective. After reviewing this information, EasyMile determined the potential fire risk constituted a safety-related defect.

Description of Remedy :

Description of Remedy Program : All affected 48V batteries have been removed from the four Gen2 EZ10 vehicles and Li-Cycle (qualified vendor) will decommission the batteries.

The two vehicles involved in the September 21, 2022 incident will be destroyed. One of the two remaining vehicles has been decommissioned with the affected batteries removed and will be used for research and development of future-generation electric vehicles . Replacement batteries with a newer technology will be installed in the one remaining active Gen2 EZ10 vehicle.

It is EasyMile's understanding, based on communications with NHTSA, that owner-notice letters will not be required given that all defective batteries have been removed from all affected vehicles.

How Remedy Component Differs from Recalled Component : New batteries are a different product and have a newer technology with a different design

Identify How/When Recall Condition was Corrected in Production : EasyMile is no longer equipping Gen2 EZ10 vehicles with the 2017 affected 48V batteries

Recall Schedule :

Description of Recall Schedule : All owners have already been informed of the recall and all defective batteries have been removed from all affected vehicles

EasyMile has No Dealers in the USA.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported