

# Part 573 Safety Recall Report

# 22V-233

**Manufacturer Name :** Tesla, Inc.**Submission Date :** APR 08, 2022**NHTSA Recall No. :** 22V-233**Manufacturer Recall No. :** SB-22-20-003**Manufacturer Information :**

Manufacturer Name : Tesla, Inc.

Address : 1 Tesla Road

Austin TX 78725

Company phone : 6506815000

**Population :**

Number of potentially involved : 7,289

Estimated percentage with defect : 50 %

**Vehicle Information :**

Vehicle 1 : 2021-2022 Tesla Model X

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** The recall population includes certain Model Year ("MY") 2021 and 2022 Model X vehicles and was determined based upon a review of manufacturing records.

Production Dates : SEP 08, 2021 - APR 05, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

**Description of the Noncompliance :** On certain affected vehicles, when the corresponding LH- or RH-side front-row window is lowered, the LH- or RH-side front-row curtain airbag may interact with the a-pillar trim during deployment. The interaction could cause the curtain airbag performance to not comply with FMVSS 226, S4.2.1.

FMVSS 1 : 226 - Ejection mitigation

FMVSS 2 : NR

**Description of the Safety Risk :** A front-row side curtain airbag whose deployment in a collision does not comply with FMVSS 226 could increase the risk of occupant injury.

**Description of the Cause :** NR

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

**Involved Components :**

Component Name 1 : MX-1ST ROW CURTAIN A/B, RH

Component Description : RH side front-row curtain airbag

Component Part Number : 1036759-00-G

Component Name 2 : MX-1ST ROW CURTAIN A/B, LH

Component Description : LH side front-row curtain airbag

Component Part Number : 1036756-00-G

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

- On December 22, 2021, as part of A-pillar development testing on a representative setup of MY 2021-22 Model X vehicles, Tesla observed an irregularity in the deployment of the side front-row curtain airbag. The irregularity was identified for further evaluation.
- From December 23, 2021, to February 2, 2022, Tesla assessed the component structures and test parameters in relation to the airbag deployment position.
- On February 3, 2022, Tesla elected to perform Conformity of Production (CoP) testing on a representative setup of MY 2021-22 Model X vehicles to understand side front-row curtain airbag performance in relation to FMVSS 226.
- From February 3, 2022, to March 10, 2022, Tesla procured components necessary for the CoP testing and coordinated test scheduling with a third party.
- On March 11, 2022, Tesla completed the CoP testing. Results of the testing showed some of the side front-row curtain airbags performing out of compliance with FMVSS 226, S4.2.1.
- From March 14, 2022, through March 28, 2022, Tesla carefully reviewed the CoP test set-ups and executions, including an attempt to identify potential variances in the test buck and in the A-pillar trims, to validate the test results. In parallel, Tesla reviewed parts consumption records to identify a population of affected vehicles that were potentially impacted by the condition.

- On April 1, 2022, after validating the CoP test results, a recall determination was made to remedy the affected vehicles.

- As of April 1, 2022, Tesla is not aware of any warranty claims, crashes, injuries, or deaths related to this condition.

## Description of Remedy :

**Description of Remedy Program :** At no cost to the customer, Tesla will replace the LH- and RH-side front-row curtain airbags on all affected vehicles.

Tesla does not plan to include a statement in the Part 577 owner notification about pre-notice reimbursement to owners since all of the involved vehicles remain covered under the new vehicle warranty.

**How Remedy Component Differs from Recalled Component :** The replacement airbag includes extended tabs that will allow the airbag to be rolled with more inboard deployment trajectory. Testing on the replacement airbag confirmed that its performance complies with FMVSS 226, S4.2.1.

**Identify How/When Recall Condition was Corrected in Production :** The replacement airbag was introduced in production on April 2, 2022.

## Recall Schedule :

**Description of Recall Schedule :** All Tesla stores and service centers will be notified on or shortly after April 12, 2022. Owner notification letters will be mailed in accordance with 49 C.F.R. § 577.7.

**Planned Dealer Notification Date :** APR 12, 2022 - APR 12, 2022

**Planned Owner Notification Date :** JUN 07, 2022 - JUN 07, 2022

\* NR - Not Reported