

Part 573 Safety Recall Report

23V-862

Manufacturer Name : Tesla, Inc.
Submission Date : DEC 19, 2023
NHTSA Recall No. : 23V-862
Manufacturer Recall No. : SB-23-00-009

**Manufacturer Information :**

Manufacturer Name : Tesla, Inc.
Address : 1 Tesla Road
 Austin TX 78725
Company phone : 6506815000

Population :

Number of potentially involved : 120,423
Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2023 Tesla Model S

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The subject population includes all MY 2021-2023 Model S vehicles produced between February 3, 2021, and December 13, 2023, and all Model X vehicles produced between August 18, 2021, and December 14, 2023.

Production Dates : FEB 03, 2021 - DEC 13, 2023

VIN Range 1 : Begin : NR **End :** NR Not sequential

Vehicle 2 : 2021-2023 Tesla Model X

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The subject population includes all MY 2021-2023 Model S vehicles produced between February 3, 2021, and December 13, 2023, and all Model X vehicles produced between August 18, 2021, and December 14, 2023.

Production Dates : AUG 18, 2021 - DEC 14, 2023

VIN Range 1 : Begin : NR **End :** NR Not sequential

Description of Noncompliance :

Description of the Noncompliance : On affected vehicles, software release 2021.36 and later releases (up to release 2023.44.30, which contains the recall remedy) permitted the cabin doors to disengage from the latched position during a crash, which does not comply with FMVSS No. 214, S9.2.3(b)(1).

FMVSS 1 : 214 - Side impact protection

FMVSS 2 : NR

Description of the Safety Risk : A cabin door latching mechanism that does not comply with FMVSS No .214, S.9.2.3(b)(1) may increase the risk of injury during a crash.

Description of the Cause : On affected vehicles, software release 2021.36 and later releases (up to release 2023. 44.30, which contains the recall remedy) inadvertently excluded the lockout functionality that complies with FMVSS No. 214, S9.2.3(b)(1).

Identification of Any Warning
that can Occur : NR

Involved Components :

Component Name 1 : VC Left and VC Right

Component Description : ASY. LEFT CONTROLLER GEN 4

Component Part Number : 1585694-01-B; 1585694-02-B; 1585694-03-B; 1585694-09-B; 1585694-00-C

Component Name 2 : VC Left and VC Right

Component Description : ASY. LEFT CONTROLLER GEN 4 NEW MATERIAL

Component Part Number : 1585694-07-B

Component Name 3 : VC Left and VC Right

Component Description : ASY. RIGHT CONTROLLER GEN 4

Component Part Number : 1585693-00-A; 1585693-00-B; 1585693-01-B; 1585693-02-B

Component Name 4 : VC Left and VC Right

Component Description : ASY. RIGHT CONTROLLER GEN 4, MS

Component Part Number : 1585693-09-B

Supplier Identification :

Component Manufacturer

Name : Tesla, Inc.

Address : 1 Tesla Road

Austin Texas 78725
Country : United States

Chronology :

- On December 6, 2023, during routine validation side-impact testing, Tesla Engineering observed a cabin door unlatch after impact on the non-struck side.
- On December 7, 2023, Tesla Engineering identified that the test vehicle was operating without the lockout functionality that complies with FMVSS No. 214, S9.2.3(b)(1). Tesla Engineering further identified that the lockout functionality was inadvertently excluded from the affected vehicles with software release 2021.36 and later releases (up to release 2023.44.30, which contains the recall remedy). Software release 2021.36 began deploying to the affected vehicles on September 30, 2021.
- On December 13, 2023, a non-compliance with FMVSS No. 214, S9.2.3(b)(1) was verified and a voluntary recall determination was made on the same day.
- As of December 14, 2023, Tesla is not aware of any warranty claims or injuries relating to this condition.

Description of Remedy :

Description of Remedy Program : At no cost to customers, affected vehicles received an over-the-air software remedy, which began deploying on or shortly after December 12, 2023, with software release 2023.44.30. Software release 2023.44.30 or later releases incorporate the lockout functionality that complies with FMVSS No. 214, S9.2.3(b)(1). No service visit is necessary, and no further action is necessary from owners whose vehicles are equipped with software release 2023.44.30 or a later software release.

Tesla does not plan to include a statement in the Part 577 owner notification about pre-notice reimbursement to owners because there is no paid repair relating to the underlying condition and owners received the remedy free of charge with an OTA software release.

How Remedy Component Differs from Recalled Component : On affected vehicles, software release 2023.44.30 or a later release complies with FMVSS No. 214, S9.2.3(b)(1), whereas prior software releases back to release 2021.36 do not.

Identify How/When Recall Condition was Corrected in Production : Beginning on December 9, 2023, software release 2023.38.200.2 was introduced in production, which incorporates the lockout functionality that complies with FMVSS No. 214, S9.2.3(b)(1).

Recall Schedule :

Description of Recall Schedule : All Tesla stores and service centers will be notified about this recall on or

shortly after December 21, 2023. Owner notification letters will be mailed in accordance with 49 C.F.R. § 577.7.

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

Planned Owner Notification Date : FEB 17, 2024 - FEB 17, 2024

* NR - Not Reported