

# Part 573 Safety Recall Report

# 22V-526

**Manufacturer Name :** Tesla, Inc.**Submission Date :** JUL 21, 2022**NHTSA Recall No. :** 22V-526**Manufacturer Recall No. :** SB-22-10-006**Manufacturer Information :**

Manufacturer Name : Tesla, Inc.

Address : 1 Tesla Road  
Austin TX 78725

Company phone : 6506815000

**Population :**

Number of potentially involved : 5

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2022-2022 Tesla Model S

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** The subject population includes five (5) model year 2022 Model S vehicles manufactured with a new “ankle catcher” (i.e., front bumper carrier structure) for the U.S. market. Affected vehicles were identified based on vehicle manufacturing records.

Production Dates : APR 15, 2022 - APR 16, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

**Description of the Noncompliance :** Certain Tesla model year 2022 Model S vehicles equipped with a new ankle catcher structure for the U.S. market may not meet the frontal passenger airbag performance requirements for unbelted and out of position occupants under Federal Motor Vehicle Safety Standard (FMVSS) 208, Section 23. The new ankle catcher structure may alter the vehicle crash pulse in certain crash test scenarios, such that the deployment of the passenger airbag may not meet Tesla’s airbag configuration used for certification under FMVSS 208 S23.

FMVSS 1 : 208 - Occupant crash protection

FMVSS 2 : NR

**Description of the Safety Risk :** In the case of certain low-speed crash events, where the passenger is unbelted and out of position, a passenger airbag that does not meet the performance requirements of FMVSS 208 may increase the risk of injury.

**Description of the Cause :** NR

**Identification of Any Warning that can Occur :** None

**Involved Components :**

Component Name 1 : Ankle Catcher, MS

Component Description : Front bumper carrier structure

Component Part Number : 1683760-00-A

**Supplier Identification :****Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

**Chronology :**

- On April 15 and April 16, 2022, for production validation purposes, the new ankle catcher was installed in production on a small number of vehicles manufactured for sale in the U.S.
- From June 3, 2022, to July 5, 2022, as part of the preparation for introducing the new ankle catcher, Tesla conducted CAE simulation assessments to confirm that the new ankle catcher did not have any adverse impact on vehicle crash and airbag performance.
- On July 5, 2022, Tesla learned that CAE simulation results were inconclusive for the 16-mph full frontal load case, and therefore, Tesla began preparations to run physical testing to validate the ankle catcher.
- On July 14, 2022, Tesla conducted a 16-mph full frontal impact test on a representative production vehicle with the new ankle catcher. Tesla carefully reviewed the results from the compliance test and identified a potential non-conformance. On the same day, Tesla learned that a small number of vehicles with the new ankle catcher were delivered to customers, and Tesla determined to issue a voluntary recall.
- As of July 21, 2022, Tesla is not aware of any warranty claims, field reports 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 ankle catcher in affected vehicles with a replacement part that will achieve compliance with the passenger airbag performance requirements under FMVSS 208 for certain low-speed crash events.

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

**How Remedy Component Differs from Recalled Component :** The remedy component is a validated product that has been tested and validated to achieve the passenger airbag performance requirements under FMVSS 208 whereas the recalled one is a trial component in the process of being validated.

**Identify How/When Recall Condition was Corrected in Production :** The recalled component was installed in vehicles for production validation purposes and measures were taken to prevent further consumption of it in production until validation is completed.

**Recall Schedule :**

**Description of Recall Schedule :** All Tesla stores and service centers will be notified about this recall on or shortly after July 25, 2022. Owner notification letters will be mailed in accordance with 49 C.F.R. § 577.7.

**Planned Dealer Notification Date :** JUL 25, 2022 - JUL 25, 2022

**Planned Owner Notification Date :** SEP 19, 2022 - SEP 19, 2022

\* NR - Not Reported