

Part 573 Safety Recall Report

23V-743

Manufacturer Name : Tesla, Inc.

Submission Date : MAR 19, 2025

NHTSA Recall No. : 23V-743

Manufacturer Recall No. : SB-23-20-005



Manufacturer Information :

Manufacturer Name : Tesla, Inc.

Address : 1 Tesla Road
Austin TX 78725

Company phone : 6506815000

Population :

Number of potentially involved : 194

Estimated percentage with defect : 30 %

Vehicle Information :

Vehicle 1 : 2021-2024 Tesla Model X

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population includes select MY 2021-2024 Model X vehicles manufactured between July 14, 2021, and January 25, 2024, and was determined based on a review of Tesla service records.

Production Dates : JUL 14, 2021 - JAN 25, 2024

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 2 : 2021-2024 Tesla Model S

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population includes select MY 2021-2024 Model S vehicles manufactured between February 3, 2021, and July 24, 2024, and was determined based on a review of Tesla service records.

Production Dates : FEB 03, 2021 - JUL 25, 2024

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : Based on the variance in design of the round steering wheel and the yoke steering wheel, a different driver airbag is designed for each steering wheel. During vehicle servicing of certain vehicles to retrofit the vehicle with the alternate steering wheel per the customer's request, a round steering wheel may have been equipped with a driver airbag variant designed for the yoke steering wheel airbag and a yoke steering wheel may have been equipped with a driver airbag variant designed for the round steering wheel.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A steering wheel that is equipped with a driver airbag variant that is designed for another steering wheel variant may decrease airbag performance during deployment, which may increase the risk of injury during a collision.

Description of the Cause : During vehicle servicing of certain vehicles to retrofit each vehicle with the alternate steering wheel per the customer's request, the service operator may have equipped the alternate steering wheel with the incorrect driver airbag variant.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Driver Airbag

Component Description : Driver airbag assembly

Component Part Number : 1625769-71-D; 1625769-72-D; 1625769-00-E; 1607889-00-D

Supplier Identification :**Component Manufacturer**

Name : TRW Steering Wheel Systems de Chihuahua,

Address : Av. Juan Escutia No. 3201

Parque Industrial El Saucito Chihuahua Foreign States 31125

Country : Mexico

Chronology :

- On October 9, 2023, Tesla Service in Europe escalated 12 instances in which round steering wheels were

retrofitted with yoke steering wheels but without recorded consumptions of the driver airbag variant that is designed for the yoke steering wheel.

- On October 11, 2023, Tesla initiated an engineering study to inspect the 12 vehicles that received a yoke steering wheel retrofit to determine if the correct driver airbag variant was installed.
- On October 16, 2023, Tesla expanded the engineering study to include 10 vehicles in the US.
- From October 17, 2023, to October 26, 2023, Tesla was able to inspect three vehicles as part of the engineering study. Two vehicles, one manufactured for sale and located in the UK and one manufactured for sale and located in the US, received the correct driver airbag variant designed for the yoke steering wheel. The third vehicle, which was manufactured for sale and located in the US, received the incorrect driver airbag variant designed for the round steering wheel.
- On October 27, 2023, a determination was voluntarily made to recall vehicles that received a steering wheel retrofit from a round steering wheel to a yoke steering wheel or a yoke steering wheel to a round steering wheel.
- As of November 3, 2023, Tesla is not aware of any injuries or deaths relating to this condition.

Please see attached PDF for continued chronology related to March 19, 2025 recall amendment.

Description of Remedy :

Description of Remedy Program :	At no charge to the customer, Tesla will inspect the driver airbag on all affected vehicles. If an incorrect driver airbag variant is identified, Tesla will replace it with the correct driver airbag variant for the retrofitted steering wheel.
	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 recalled component is the incorrect driver airbag variant for the retrofitted steering wheel. The replacement component is the correct driver airbag variant for the retrofitted steering wheel.
Identify How/When Recall Condition was Corrected in Production :	On October 27, 2023, the service procedure was updated with explicit warning language and a confirmation step.
	In response to the concern that resulted in the March 19, 2025, recall amendment, Tesla is developing a process automation to block consumption of part numbers that do not match vehicle configuration.

Recall Schedule :

Description of Recall Schedule :	All Tesla stores and service centers will be notified on or around
----------------------------------	--

Planned Dealer Notification Date :

November 7, 2023. Owner notification letters will be mailed in accordance with 49 C.F.R. § 577.7.

Planned Owner Notification Date :

NOV 07, 2023 - NOV 07, 2023

JAN 02, 2024 - JAN 02, 2024

* NR - Not Reported