

Part 573 Safety Recall Report

24V-051

Manufacturer Name : Tesla, Inc.**Submission Date :** JAN 30, 2024**NHTSA Recall No. :** 24V-051**Manufacturer Recall No. :** SB-24-00-003**Manufacturer Information :**

Manufacturer Name : Tesla, Inc.

Address : 1 Tesla Road
Austin TX 78725

Company phone : 6506815000

Population :

Number of potentially involved : 2,193,869

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2012-2023 Tesla Model S

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The subject population includes all delivered Model Year (MY) 2012-2023 Model S, MY 2016-2024 Model X, MY 2017-2023 Model 3, and MY 2019-2024 Model Y vehicles that are or were operating a software release through 2023.44.30.9, and all MY 2024 Cybertruck vehicles that are or were operating a software release through 2023.44.9.1.

Production Dates : JUN 01, 2012 - DEC 29, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2016-2024 Tesla Model X

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The subject population includes all delivered Model Year (MY) 2012-2023 Model S, MY 2016-2024 Model X, MY 2017-2023 Model 3, and MY 2019-2024 Model Y vehicles that are or were operating a software release through 2023.44.30.9, and all MY 2024 Cybertruck vehicles that are or were operating a software release through 2023.44.9.1.

Production Dates : SEP 29, 2015 - JAN 19, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2017-2023 Tesla Model 3

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The subject population includes all delivered Model Year (MY) 2012-2023 Model S, MY 2016-2024 Model X, MY 2017-2023 Model 3, and MY 2019-2024 Model Y vehicles that are or were operating a software release through 2023.44.30.9, and all MY 2024 Cybertruck vehicles that are or were operating a software release through 2023.44.9.1.

Production Dates : JUL 08, 2017 - DEC 18, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2019-2024 Tesla Model Y

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The subject population includes all delivered Model Year (MY) 2012-2023 Model S, MY 2016-2024 Model X, MY 2017-2023 Model 3, and MY 2019-2024 Model Y vehicles that are or were operating a software release through 2023.44.30.9, and all MY 2024 Cybertruck vehicles that are or were operating a software release through 2023.44.9.1.

Production Dates : SEP 26, 2019 - JAN 22, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2024-2024 Tesla Cybertruck

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The subject population includes all delivered Model Year (MY) 2012-2023 Model S, MY 2016-2024 Model X, MY 2017-2023 Model 3, and MY 2019-2024 Model Y vehicles that are or were operating a software release through 2023.44.30.9, and all MY 2024 Cybertruck vehicles that are or were operating a software release through 2023.44.9.1.

Production Dates : DEC 05, 2023 - JAN 09, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : On affected vehicles, the letter font size of the Brake, Park and Antilock brake system (ABS) visual warning indicators is smaller than 3.2 mm (1/8 inch), as prescribed in FMVSS Nos. 105 and 135.

FMVSS 1 : 105 - Hydraulic and electric brake systems

FMVSS 2 : 135 - Light vehicle brake systems

Description of the Safety Risk : A visual warning indicator whose letter font size is smaller than 3.2 mm (1/8 inch), as prescribed in FMVSS Nos. 105 and 135, could reduce the driver's detection of it when illuminated, increasing the risk of a collision.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Vehicle Software

Component Description : On Model S, X, 3 and Y vehicles, all software release versions through 2023.44.30.9. On Cybertruck vehicles, all software versions through 2023.44.9.1.

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : Tesla, Inc.

Address : 1 Tesla Road
Austin Texas 78725

Country : United States

Chronology :

- On January 8, 2024, as part of a routine compliance audit involving a 2023 Tesla Model Y being tested to FMVSS No. 135, NHTSA notified Tesla that the vehicle failed to comply with the letter font size height requirements, as prescribed in FMVSS No. 135, S5.5.5(a).
- Tesla began investigating the condition, including a review of manufacturing and software records.
- On January 24, 2024, having completed its assessment, Tesla voluntarily made a recall determination.
- As of January 24, 2024, Tesla identified three warranty claims that may be related to the condition described above. Tesla is not aware of any crashes, injuries or deaths that may be related to this condition.

Description of Remedy :

Description of Remedy Program : At no cost to customers, affected vehicles will receive an over-the-air software remedy, which began deploying to certain affected vehicles in late January 2024 with software release 2023.44.30.13. The remedy increases the letter font size of the Brake, Park and Antilock brake system (ABS) visual warning indicators to be not less than 3.2 mm (1/8 inch), as prescribed in FMVSS Nos. 105 and 135. Remaining affected vehicles will receive the same over-the-air software remedy with an upcoming release in early February 2024.

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 or will receive the remedy free of charge with an OTA software release.

How Remedy Component Differs from Recalled Component : The remedy component is vehicle software that ensures the letter font size of the Brake, Park and Antilock brake system (ABS) visual warning indicators is compliant with FMVSS Nos. 105 and 135, whereas the recall component is vehicle software that does not.

Identify How/When Recall Condition was Corrected in Production : Beginning on January 23, 2024, with software release 2023.44.200.5.1, the remedy described above was introduced to Model S, X, 3 and Y vehicles in production. Beginning on January 24, 2024, with software release 2023.44.9.2, the remedy described above was introduced to Cybertruck vehicles in production.

Recall Schedule :

Description of Recall Schedule : All Tesla stores and service centers will be notified about this recall on or shortly after January 31, 2024. Owner notification letters will be mailed in accordance with 49 C.F.R. § 577.7.

Planned Dealer Notification Date : JAN 31, 2024 - JAN 31, 2024

Planned Owner Notification Date : MAR 30, 2024 - MAR 30, 2024

* NR - Not Reported