

# Part 573 Safety Recall Report

# 25V-002

**Manufacturer Name :** Tesla, Inc.**Submission Date :** JAN 06, 2025**NHTSA Recall No. :** 25V-002**Manufacturer Recall No. :** SB-25-00-001**Manufacturer Information :**

Manufacturer Name : Tesla, Inc.

Address : 1 Tesla Road  
Austin TX 78725

Company phone : 6506815000

**Population :**

Number of potentially involved : 239,382

Estimated percentage with defect : 2 %

**Vehicle Information :**

Vehicle 1 : 2024-2025 Tesla Model 3

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** The subject population includes certain Model Year (MY) 2024 - 2025 Model 3, MY 2023-2025 Model Y, MY 2024-2025 Model S and MY 2023-2025 Model X vehicles that were equipped with certain car computers and operating a software release that was prior to 2024.44.25.3 or 2024.45.25.6.

Production Dates : JAN 15, 2024 - DEC 12, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2024-2025 Tesla Model S

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** The subject population includes certain Model Year (MY) 2024 - 2025 Model 3, MY 2023-2025 Model Y, MY 2024-2025 Model S and MY 2023-2025 Model X vehicles that were equipped with certain car computers and operating a software release that was prior to 2024.44.25.3 or 2024.45.25.6.

Production Dates : APR 24, 2024 - NOV 27, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2023-2025 Tesla Model X

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** The subject population includes certain Model Year (MY) 2024 - 2025 Model 3, MY 2023-2025 Model Y, MY 2024-2025 Model S and MY 2023-2025 Model X vehicles that were equipped with certain car computers and operating a software release that was prior to 2024.44.25.3 or 2024.45.25.6.

**Production Dates :** JAN 25, 2023 - DEC 02, 2024

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

Vehicle 4 : 2023-2025 Tesla Model Y

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** The subject population includes certain Model Year (MY) 2024 - 2025 Model 3, MY 2023-2025 Model Y, MY 2024-2025 Model S and MY 2023-2025 Model X vehicles that were equipped with certain car computers and operating a software release that was prior to 2024.44.25.3 or 2024.45.25.6.

**Production Dates :** MAY 23, 2023 - DEC 16, 2024

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

## Description of Noncompliance :

**Description of the Noncompliance :** On a small percentage of affected vehicles, upon vehicle power up, a reverse current may cause a shorting failure on the car computer board, resulting in the loss of rearview camera functionality, which does not comply with FMVSS 111, S5.5 and S6.2.

**FMVSS 1 :** 111 - Rear visibility

**FMVSS 2 :** NR

**Description of the Safety Risk :** Loss of the rearview camera display may affect the driver's rear visibility and increase the risk of a collision. The driver may continue to reverse the vehicle by performing a shoulder check and using their mirrors.

**Description of the Cause :** NR

**Identification of Any Warning that can Occur :** With the condition present, the rearview camera display will appear blank when the vehicle is shifted to Reverse. ☒☒

## Involved Components :

Component Name 1 : Software

Component Description : Software versions prior to 2024.44.25.3 or 2024.45.25.6

Component Part Number : NR

Component Name 2 : Car computer

Component Description : NR

Component Part Number : 1787419-90-I-\*; 1854144-00-J-\*; 1854144-00-L-\*; 1800857-00-I-\*;  
2003160-00-D-\*

## Supplier Identification :

### Component Manufacturer

Name : Tesla, Inc.

Address : 1 Tesla Road  
Austin Texas 78725

Country : United States

## Chronology :

Beginning on November 21, 2024, Tesla observed an increase in car computer replacements due to shorting failures to the primary power component and/or the secondary power component.

From November 26 to December 20, 2024, Tesla investigated the condition, including low voltage battery supply, hardware vintage and firmware releases. The analysis traced the condition to software releases prior to 2024.44.25.3 or 2024.45.25.6. This sequence of specific software and hardware configurations, coupled with colder temperatures, could increase reverse current, which could short the primary and/or secondary power components.

From December 20 to December 27, 2024, Tesla assessed prior software releases in which the condition may be present and reviewed fleet data to identify potentially affected vehicles.

On December 27, 2024, having completed the engineering investigation and having identified the scope of affected vehicles, Tesla made a determination to voluntarily recall the affected vehicles.

As of December 30, 2024, Tesla has identified 887 warranty claims and 68 field reports related to the condition. Tesla is not aware of any collisions, injuries or fatalities related to the condition.

## Description of Remedy :

**Description of Remedy Program :** On or shortly after December 18, 2024, at no cost to customers, affected vehicles began receiving an over-the-air (OTA) software update that changes the vehicle power up sequence to prevent the shorting failure condition to the primary and/or secondary power component. No further action is necessary from owners of affected vehicles that are equipped with software release 2024.44.25.3, 2024.45.25.6 or a later release if an affected vehicle has not experienced the shorting failure condition or stress that may lead to the shorting failure condition. Tesla is actively working to identify which affected vehicles, if any, experienced stress that may lead to the shorting failure condition. If an affected vehicle experienced the shorting failure condition or stress that may lead to the shorting failure condition prior to installing software release 2024.44.25.3, 2024.45.25.6 or a later release, then Tesla will replace the vehicle's car computer at no cost to the customer.

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

**How Remedy Component Differs from Recalled Component :** The remedy component incorporates the software remedy described above whereas the recalled component does not incorporate the software remedy described above. As described above, if needed, the vehicle's car computer will be replaced with a computer with rearview camera functionality in compliance with FMVSS 111.

**Identify How/When Recall Condition was Corrected in Production :** Beginning on December 16, 2024, vehicles in production received the software remedy described above. Model 3, Model S and Model X vehicles in production also received a different car computer variant beginning after the end of production dates in the Vehicle Information section.

## Recall Schedule :

**Description of Recall Schedule :** All Tesla stores and service centers will be notified about this recall on or shortly after January 8, 2025. Owner notification letters will be mailed in accordance with 49 C.F.R. § 577.7.

**Planned Dealer Notification Date :** JAN 08, 2025 - JAN 08, 2025

**Planned Owner Notification Date :** MAR 07, 2025 - MAR 07, 2025

\* NR - Not Reported