

Part 573 Safety Recall Report

24V-935

Manufacturer Name : Tesla, Inc.**Submission Date :** DEC 17, 2024**NHTSA Recall No. :** 24V-935**Manufacturer Recall No. :** SB-24-00-018**Manufacturer Information :**

Manufacturer Name : Tesla, Inc.

Address : 1 Tesla Road
Austin TX 78725

Company phone : 6506815000

Population :

Number of potentially involved : 694,304

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2025 Tesla Model 3

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The subject population includes certain Model Year (MY) 2017-2025 Model 3, MY 2020-2025 Model Y, and MY 2024 Cybertruck vehicles that installed a software release that was not compliant with the tire pressure monitoring system malfunction telltale requirement in FMVSS 138, S4.4(b) (3).

Production Dates : JUL 24, 2017 - NOV 20, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2020-2025 Tesla Model Y

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The subject population includes certain Model Year (MY) 2017-2025 Model 3, MY 2020-2025 Model Y, and MY 2024 Cybertruck vehicles that installed a software release that was not compliant with the tire pressure monitoring system malfunction telltale requirement in FMVSS 138, S4.4(b) (3).

Production Dates : JAN 20, 2020 - NOV 23, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2024-2024 Tesla Cybertruck

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The subject population includes certain Model Year (MY) 2017-2025 Model 3, MY 2020-2025 Model Y, and MY 2024 Cybertruck vehicles that installed a software release that was not compliant with the tire pressure monitoring system malfunction telltale requirement in FMVSS 138, S4.4(b) (3).

Production Dates : NOV 30, 2023 - DEC 01, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : On affected vehicles, upon detection of a malfunction with the tire pressure monitoring system (TPMS), the TPMS malfunction telltale does not persist between drive cycles where the vehicle is off or asleep between the drive cycles, which does not comply with FMVSS 138, S4.4(b) (3).

FMVSS 1 : 138 - Tire pressure monitoring systems

FMVSS 2 : NR

Description of the Safety Risk : A TPMS malfunction telltale that does not comply with FMVSS 138, S4.4(b) (3) may not adequately warn the driver of potential under-inflation of the tires, increasing the risk of a collision.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Software Releases

Component Description : Software Releases 2024.38.3 through 2024.44.1, 12.5.5.1 through 12.5.6.3 (FSD (Supervised)), and 13.0 (FSD (Supervised))

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : Tesla, Inc.

Address : 1 Tesla Road

Austin Texas 78725

Country : United States

Chronology :

- On November 6, 2024, while conducting routine compliance tests for non-US markets, the aforementioned condition with the TPMS warning telltale was observed.
- From November 6 to December 2, 2024, Tesla investigated the condition, including a root cause analysis. The analysis traced the introduction of the condition to software release 2024.38.3, which inadvertently reset the TPMS warning telltale when the vehicle turned on or awakened from sleep between drive cycles (e.g., driver enters the vehicle with the key and/or initiates a new drive cycle).
- From December 2 to 9, 2024, Tesla reviewed fleet data to identify vehicles that installed software release 2024.38.3 and subsequent software releases with the condition present and assessed the condition as it related to FMVSS 138, S4.4(b)(3).
- On December 10, 2024, having completed the engineering investigation and having identified the scope of affected vehicles, a recall determination was made.
- As of December 13, 2024, Tesla has identified 76 warranty claims and one field report related to this condition. Tesla is not aware of any collisions, injuries or fatalities related to this condition.

Description of Remedy :

Description of Remedy Program : On or shortly after November 12, 2024, at no cost to customers, affected vehicles began receiving an over-the-air (OTA) software release that ensures the TPMS warning telltale complies with FMVSS 138, S4.4(b)(3). No further action is necessary from owners of affected vehicles that are equipped with software release 2024.38.7 or a later release. For affected vehicles equipped with FSD (Supervised), no further action is necessary from owners whose vehicles are equipped with software 12.5.6.4, 13.1, or a later release.

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.

Identify How/When Recall Condition was Corrected in Production : Beginning on November 15, 2024, vehicles in production received the software remedy described above. No action is necessary from owners of vehicles equipped with software release 2024.38.200 or a later release in production.

Recall Schedule :

Description of Recall Schedule : All Tesla stores and service centers will be notified about this recall on or shortly after December 19, 2024. Owner notification letters will be mailed in accordance with 49 C.F.R. § 577.7.

Planned Dealer Notification Date : DEC 19, 2024 - DEC 19, 2024

Planned Owner Notification Date : FEB 15, 2025 - FEB 15, 2025

* NR - Not Reported