

# Part 573 Safety Recall Report

# 22V-844

**Manufacturer Name :** Tesla, Inc.**Submission Date :** NOV 15, 2022**NHTSA Recall No. :** 22V-844**Manufacturer Recall No. :** SB-22-00-016**Manufacturer Information :**

Manufacturer Name : Tesla, Inc.

Address : 1 Tesla Road  
Austin TX 78725

Company phone : 6506815000

**Population :**

Number of potentially involved : 321,628

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2023-2023 Tesla Model 3

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** The subject population includes certain model year 2023 Model 3 and 2020-2023 Model Y vehicles. Affected vehicles were identified based on vehicle manufacturing, configuration and firmware records.

Production Dates : OCT 19, 2022 - NOV 05, 2022

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

Vehicle 2 : 2020-2023 Tesla Model Y

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** The subject population includes certain model year 2023 Model 3 and 2020-2023 Model Y vehicles. Affected vehicles were identified based on vehicle manufacturing, configuration and firmware records.

Production Dates : MAY 24, 2020 - NOV 09, 2022

VIN Range 1 : Begin : NR End : NR  Not sequential**Description of Defect :**

**Description of the Defect :** In rare instances, taillamps on one or both sides of affected vehicles may intermittently illuminate due to a firmware anomaly that may cause false fault detections during the vehicle wake up process. Brake lamps, backup lamps and turn signal lamps are not affected by this condition and continue to operate as designed.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A taillamp that intermittently illuminates may result in reduced visibility in dark conditions, which may increase the risk of a collision.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

## Involved Components :

Component Name 1 : Vehicle Firmware

Component Description : FW ver 2022.28 and later until 2022.40.4.1 (exc)

Component Part Number : N/A

## Supplier Identification :

### Component Manufacturer

Name : Tesla, Inc.

Address : 1 Tesla Road  
Austin Texas 78725

Country : United States

## Chronology :

- During the week of October 24, 2022, Tesla observed customer complaints primarily from foreign markets that claimed vehicle taillamps were not illuminating.
- From October 26, 2022, through November 4, 2022, Tesla investigated vehicle log data and firmware release details as they pertained to the customer complaints.
- On November 7, 2022, Tesla completed its investigation and confirmed the suspected root cause, risk assessment, and affected vehicle population.
- Tesla reviewed the findings with the executive team and, on November 8, 2022, a voluntary recall determination was made.
- As of November 14, 2022, Tesla identified 3 warranty claims and no field reports (received between November 1, 2022, and November 8, 2022) for U.S. vehicles that are related to or may be related to this

condition. Tesla is not aware of any crashes, injuries, or deaths related to this condition.

## Description of Remedy :

**Description of Remedy Program :** At no cost to the customer, Tesla will deploy an over-the-air (“OTA”) firmware update to correct the firmware anomaly that may cause false fault detections during the vehicle wake up process. The remedy will ensure that all taillamps operate as designed.

Tesla does not plan to include a statement in the Part 577 owner notification about pre-notice reimbursement because there are no out of warranty repairs related to this condition.

**How Remedy Component Differs from Recalled Component :** The remedy OTA firmware update prevents false fault detections during the vehicle wake up process, which ensures that all taillamps operate as designed, whereas a firmware release without the remedy may not prevent false fault detections.

**Identify How/When Recall Condition was Corrected in Production :** Beginning on November 6, 2022, vehicles in production and in pre-delivery containment received a firmware release that includes the remedy.

## Recall Schedule :

**Description of Recall Schedule :** All Tesla stores and service centers will be notified about this recall on or shortly after November 17, 2022. Owner notification letters will be mailed in accordance with 49 C.F.R. § 577.7.

**Planned Dealer Notification Date :** NOV 17, 2022 - NOV 17, 2022

**Planned Owner Notification Date :** JAN 14, 2023 - JAN 14, 2023

\* NR - Not Reported