

Part 573 Safety Recall Report

22V-296

Manufacturer Name : Tesla, Inc.**Submission Date :** MAY 03, 2022**NHTSA Recall No. :** 22V-296**Manufacturer Recall No. :** SB-22-00-009**Manufacturer Information :**

Manufacturer Name : Tesla, Inc.

Address : 1 Tesla Road
Austin TX 78725

Company phone : 6506815000

Population :

Number of potentially involved : 129,960

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2021-2022 Tesla Model S

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The subject population includes certain model year ("MY") 2021-2022 Model S and Model X vehicles and MY 2022 Model 3 and Model Y vehicles, running firmware releases prior to 2022.12.3.3 except 2022.11.101.1. Affected vehicles were identified based on vehicle manufacturing, and infotainment processor configuration.

Production Dates : FEB 03, 2021 - APR 28, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2022-2022 Tesla Model 3

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The subject population includes certain model year ("MY") 2021-2022 Model S and Model X vehicles and MY 2022 Model 3 and Model Y vehicles, running firmware releases prior to 2022.12.3.3 except 2022.11.101.1. Affected vehicles were identified based on vehicle manufacturing, and infotainment processor configuration.

Production Dates : DEC 08, 2021 - MAY 02, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2021-2022 Tesla Model X

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The subject population includes certain model year (“MY”) 2021-2022 Model S and Model X vehicles and MY 2022 Model 3 and Model Y vehicles, running firmware releases prior to 2022.12.3.3 except 2022.11.101.1. Affected vehicles were identified based on vehicle manufacturing, and infotainment processor configuration.

Production Dates : JUN 08, 2021 - APR 30, 2022

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

Vehicle 4 : 2022-2022 Tesla Model Y

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The subject population includes certain model year (“MY”) 2021-2022 Model S and Model X vehicles and MY 2022 Model 3 and Model Y vehicles, running firmware releases prior to 2022.12.3.3 except 2022.11.101.1. Affected vehicles were identified based on vehicle manufacturing, and infotainment processor configuration.

Production Dates : OCT 18, 2021 - MAY 02, 2022

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

Description of Defect :

Description of the Defect : During fast-charging or preparation for fast-charging, the infotainment central processing unit (“CPU”) may not cool sufficiently to prevent higher than expected temperatures, which may cause the CPU to slow processing or restart. Slower processing or restarted processing could cause the center screen display to lag or appear blank.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A lagging or blank center screen display may cause the rearview camera display, windshield visibility control settings, drive modes (i.e., Drive, Neutral, or Reverse), and telltales to be unavailable, which may increase the risk of a collision.

Description of the Cause : NR

Identification of Any Warning that can Occur : A lagging or blank center screen display.

Involved Components :

Component Name 1 : Vehicle Firmware

Component Description : FW Rel. Before 2022.12.3.3 exc 2022.11.101.1

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : Tesla, Inc

Address : 1 Tesla Road

Austin Texas 78725

Country : United States

Chronology :

See a separate document submitted for a chronology of noncompliance determination.

Description of Remedy :

Description of Remedy Program : On May 3, 2022, Tesla began deploying an OTA firmware update that will improve the management of the CPU temperature and associated communications with elevated temperature operation. This remedy will mitigate temperature elevations in the CPU when the vehicle is fast-charging or preparing to fast-charge, which will prevent slow processing or restart.

Tesla does not plan to include a statement in the Part 577 owner notification about pre-notice reimbursement because there is no paid repair relating to the underlying condition and owners will receive the remedy free of charge with an OTA firmware update.

How Remedy Component Differs from Recalled Component : Firmware releases with the remedy improve the management of the CPU temperature and associated communications with elevated temperature operation, whereas firmware releases without the remedy do not include the improvements.

Identify How/When Recall Condition was Corrected in Production : A firmware release that includes the remedy described above is expected to be introduced in production on or about May 4, 2022.

Recall Schedule :

Description of Recall Schedule : All Tesla stores and service centers will be notified about this recall on or shortly after May 6, 2022. Owner notification letters will be mailed in accordance with 49 C.F.R. § 577.7.

Planned Dealer Notification Date : MAY 06, 2022 - MAY 06, 2022

Planned Owner Notification Date : JUL 01, 2022 - JUL 01, 2022

* NR - Not Reported