

Part 573 Safety Recall Report

23V-489

Manufacturer Name : Tesla, Inc.**Submission Date :** JUL 14, 2023**NHTSA Recall No. :** 23V-489**Manufacturer Recall No. :** SB-23-17-006**Manufacturer Information :**

Manufacturer Name : Tesla, Inc.

Address : 1 Tesla Road
Austin TX 78725

Company phone : 6506815000

Population :

Number of potentially involved : 1,337

Estimated percentage with defect : 80 %

Vehicle Information :

Vehicle 1 : 2023-2023 Tesla Model S

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The subject population includes certain model year (MY) 2023 Model S, Model X and Model Y vehicles and was based upon a review of manufacturing records and onboard camera pitch angle data.

Production Dates : JAN 24, 2023 - JUL 10, 2023

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

Vehicle 2 : 2023-2023 Tesla Model X

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The subject population includes certain model year (MY) 2023 Model S, Model X and Model Y vehicles and was based upon a review of manufacturing records and onboard camera pitch angle data.

Production Dates : JAN 17, 2023 - JUL 11, 2023

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

Vehicle 3 : 2023-2023 Tesla Model Y

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The subject population includes certain model year (MY) 2023 Model S, Model X and Model Y vehicles and was based upon a review of manufacturing records and onboard camera pitch angle data.

Production Dates : APR 27, 2023 - JUL 13, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : On certain affected vehicles, the pitch angle of the forward-facing cameras may not be aligned to specification, which may cause certain active safety features to be unavailable, including automatic emergency braking, forward collision warning and lane keeping assist, without alerting the driver to their unavailability.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Unavailability of certain aforementioned active safety features without alerting the driver to their unavailability may cause the driver to rely on the unavailable features, which could increase the risk of a collision.

Description of the Cause : NR

Identification of Any Warning that can Occur : N/A

Involved Components :

Component Name 1 : Forward Bi-Camera Assembly

Component Description : Model S/X Forward Facing Camera Assembly

Component Part Number : 1738125-00-C

Component Name 2 : Forward Bi-Camera Assembly

Component Description : Model Y Forward Facing Camera Assembly

Component Part Number : 1738125-00-C

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

- Beginning on May 23, 2023, and continuing through June 9, 2023, Tesla investigated an increase in the number of certain MY 2023 Model S, Model X and Model Y customer vehicles with forward-facing cameras whose pitch angle was out of specification.

- From June 9, 2023, to July 7, 2023, Tesla reviewed camera pitch angle data to assess the suspected root cause. In addition, Tesla began a risk assessment and also began a review of design specifications, manufacturing records and available vehicle data to identify the scope of a potentially affected vehicle population.

- On July 7, 2023, Tesla completed its investigation and confirmed the suspected root cause, risk assessment, and affected vehicle population. A voluntary recall determination was made on the same day.

- As of July 14, 2023, Tesla has identified 83 warranty claims and 2 field reports (received between June 8, 2023, and July 13, 2023) 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 the customer, Tesla Service will inspect the pitch angle of the forward-facing cameras on affected vehicles and, where necessary, adjust the angle to specification.

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 : Confirmed adjustment of the pitch angle of the forward-facing cameras to specification.

Identify How/When Recall Condition was Corrected in Production : Tesla reduced the factory specification range for the pitch angle of the forward-facing cameras and implemented a pre-delivery inspection requirement to verify the pitch angle of the forward-facing cameras where the pitch angle has not yet been confirmed to specification.

Recall Schedule :

Description of Recall Schedule : All Tesla stores and service centers will be notified about this recall on or shortly after July 17, 2023. Owner notification letters will be mailed in accordance with 49 C.F.R. § 577.7.

Planned Dealer Notification Date : JUL 17, 2023 - JUL 17, 2023

Planned Owner Notification Date : SEP 12, 2023 - SEP 12, 2023

* NR - Not Reported