

Part 573 Safety Recall Report

22V-317

Manufacturer Name : Tesla, Inc.

Submission Date : JUL 14, 2022

NHTSA Recall No. : 22V-317

Manufacturer Recall No. : SB-22-17-007



Manufacturer Information :

Manufacturer Name : Tesla, Inc.

Address : 1 Tesla Road
Austin TX 78725

Company phone : 6506815000

Population :

Number of potentially involved : 7

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 Tesla Model Y

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population includes specific Model Year ("MY") 2021 Model 3 and Model Y vehicles. Affected vehicles were determined based on a review of vehicle log data and manufacturing records.

Production Dates : DEC 09, 2020 - JAN 15, 2021

VIN Range 1 : Begin : NR

End : NR

☐ Not sequential

Vehicle 2 : 2020-2021 Tesla Model 3

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population includes specific Model Year ("MY") 2020-2021 Model 3 and MY2021 Model Y vehicles. Affected vehicles were determined based on a review of vehicle log data and manufacturing records.

Production Dates : JUN 15, 2020 - DEC 14, 2020

VIN Range 1 : Begin : NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : On affected vehicles, the coax cables were incorrectly manufactured in the harness assembly that connects to the forward-facing fisheye and narrow cameras, resulting in swapped camera views.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Swapped camera views between the fisheye and narrow cameras may degrade their detection of crossing objects and high-curvature lane lines, which could impair Autosteer and automatic emergency braking (AEB) performance and increase the risk of collision.

Description of the Cause : During the supplier's manufacturing of the coax cable harness, the terminals for the fisheye and narrow camera cables were incorrectly installed into the harness connector.

Identification of Any Warning that can Occur : If lane departure warnings are enabled, the customer may experience a frequency of false-positive warnings.

Involved Components :

Component Name 1 : TRI CAMERA MCU

Component Description : Camera Feed Cable from Triple Camera to MCU (Model Y)

Component Part Number : 1521340-00-B

Component Name 2 : ASY,CABLE,COAX,NARROW&FISHEYE,V,M3,LHD

Component Description : Camera Feed Cable from Triple Camera to MCU (Model 3)

Component Part Number : 1092099-00-E

Supplier Identification :

Component Manufacturer

Name : MD Electronics Corporation

Address : 26555 Evergreen Rd.

Suite 1250 Southfield Michigan 48076

Country : United States

Chronology :

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

Description of Remedy :

Description of Remedy Program :	On affected vehicles, Tesla will correctly install the swapped terminals for the fisheye and narrow camera cables into the harness connector and recalibrate the cameras to specifications.
How Remedy Component Differs from Recalled Component :	On remedied vehicles, the terminals for the fisheye and narrow camera cables are correctly installed inside the harness connector whereas, on recalled vehicles, the terminals are incorrectly installed.
Identify How/When Recall Condition was Corrected in Production :	On or about May 19, 2022, Tesla will implement a firmware diagnostic routine in vehicle production that will confirm, after camera installation, whether the fisheye and narrow camera cable terminals are correctly installed into the harness connector.

Recall Schedule :

Description of Recall Schedule :	All Tesla stores and service centers will be notified about this recall on or shortly after May 12, 2022. Owner notification letters will be mailed in accordance with 49 C.F.R. § 577.7.
Planned Dealer Notification Date :	MAY 12, 2022 - MAY 12, 2022
Planned Owner Notification Date :	JUL 08, 2022 - JUL 08, 2022

* NR - Not Reported