

Part 573 Safety Recall Report

23V-434

Manufacturer Name : Tesla, Inc.

Submission Date : JUN 19, 2023

NHTSA Recall No. : 23V-434

Manufacturer Recall No. : SB-23-16-005



Manufacturer Information :

Manufacturer Name : Tesla, Inc.

Address : 1 Tesla Road

Austin TX 78725

Company phone : 6506815000

Population :

Number of potentially involved : 26

Estimated percentage with defect : 2 %

Vehicle Information :

Vehicle 1 : 2023-2023 Tesla Model 3

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population includes select model year 2023 Model Y and Model 3 vehicles and was determined based upon a review of manufacturing records.

Production Dates : MAY 21, 2023 - MAY 21, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2023-2023 Tesla Model Y

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population includes select model year 2023 Model Y and Model 3 vehicles and was determined based upon a review of manufacturing records.

Production Dates : MAY 20, 2023 - MAY 26, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Tesla vehicles are equipped with a pyrotechnic battery disconnect that isolates the high voltage (HV) battery when the vehicle detects certain collisions or specific issues within its HV battery. Affected vehicles may have been manufactured with a non-functioning pyrotechnic battery disconnect.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A non-functioning pyrotechnic battery disconnect that does not isolate the HV

Description of the Safety Risk : battery when the vehicle detects certain collisions or specific issues within its HV battery may increase the risk of injury.

Description of the Cause : During the supplier's introduction of a new assembly line of the pyrotechnic battery disconnect, the supplier may have inadvertently shipped to Tesla some non-functioning pyrotechnic battery disconnects.

Identification of Any Warning that can Occur : N/A

Involved Components :

Component Name 1 : DISCONNECT,BATTERY,PYRO

Component Description : Pyrotechnic Battery Disconnect

Component Part Number : 1064689-00-J

Supplier Identification :

Component Manufacturer

Name : Joyson Safety Systems

Address : Valle Hermoso 89, Ave Valle Hermoso
Valle Hermoso Foreign States 87500

Country : Mexico

Chronology :

- On April 20, 2023, Tesla identified a non-functioning pyrotechnic battery disconnect during the validation test conducted in support of the supplier's introduction of a new assembly line for the disconnect.
- On April 26, 2023, Tesla engineering and the supplier began investigating the root-cause for the non-functioning pyrotechnic battery disconnect.
- On May 5, 2023, the supplier sent additional pyrotechnic battery disconnects from its new production line. These parts were built into saleable vehicles because the engineering investigation conducted to that point did not indicate that additional units were affected by the same condition.
- On May 26, 2023, Tesla engineering and the supplier completed the investigation and determined that the one non-functioning pyrotechnic battery disconnect discovered on April 20, 2023, was shipped to Tesla due to a gap in the supplier's traceability process in its new assembly line.

- From May 30, 2023, to June 9, 2023, Tesla conducted the risk assessment and investigated the scope of potentially impacted customer vehicles.
- On June 12, 2023, having completed the risk assessment, Tesla made the determination to file a voluntary recall to inspect and repair, as necessary, the population of vehicles identified through the investigation described above.
- As of June 16, 2023, Tesla has identified 0 warranty claims and 0 field reports 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 Service will replace the pyrotechnic battery disconnect on affected vehicles with a replacement unit that has been tested and certified by the supplier to be functioning 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 replacement pyrotechnic battery disconnect has been tested and certified by the supplier to be functioning as designed.

Identify How/When Recall Condition was Corrected in Production : All pyrotechnic battery disconnects from the batch that contained the one non-functioning unit were identified and removed from production. Vehicles manufactured but not yet delivered with a recalled pyrotechnic battery disconnect will receive a replacement unit prior to delivery.

Recall Schedule :

Description of Recall Schedule : All Tesla stores and service centers will be notified on or shortly after June 19, 2023. Owner notification letters will be mailed in accordance with 49 C.F.R. § 577.7.

Planned Dealer Notification Date : JUN 19, 2023 - JUN 19, 2023

Planned Owner Notification Date : AUG 15, 2023 - AUG 15, 2023

* NR - Not Reported