

# Part 573 Safety Recall Report

# 23V-130

**Manufacturer Name :** Tesla, Inc.  
**Submission Date :** FEB 27, 2023  
**NHTSA Recall No. :** 23V-130  
**Manufacturer Recall No. :** SB-23-13-001

**Manufacturer Information :**

**Manufacturer Name :** Tesla, Inc.  
**Address :** 1 Tesla Road  
 Austin TX 78725  
**Company phone :** 6506815000

**Population :**

**Number of potentially involved :** 3,470  
**Estimated percentage with defect :** 4 %

**Vehicle Information :**

**Vehicle 1 :** 2022-2023 Tesla Model Y  
**Vehicle Type :**  
**Body Style :**  
**Power Train :** NR

**Descriptive Information :** The subject population includes certain Model Y vehicles that were manufactured with certain second row seat backs as identified by the supplier. Affected vehicles were identified based on part serial number and vehicle manufacturing records.

**Production Dates :** MAY 23, 2022 - FEB 05, 2023

**VIN Range 1 : Begin :** NR **End :** NR

Not sequential

**Description of Defect :**

**Description of the Defect :** On Model Y vehicles, the second-row driver-side seat back frame (second-row driver-side and center seating positions) and the second-row passenger-side seat back frame (second-row passenger-side seating position) are secured to the lower seat frame with 4 bolts per seat back. During the supplier's production of both seat back frames for certain Model Y vehicles, one or more of the bolts that secure the seat back frames to the lower seat frame may not have been torqued to specifications.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** The second-row seat belt system loads go through the lower seat frame. If the bolts that secure the frame to the seat backs are not torqued to specifications, the seat belt system may not perform as designed in a collision, which may increase the risk of an injury for occupants seated in affected second-row seating positions.

**Description of the Cause :** The supplier may not have torqued to specifications one or more of the bolts that secure the second-row driver-side and passenger-side seat back frames to

the lower seat frames, and the supplier's quality controls did not detect the condition.

**Identification of Any Warning that can Occur :** A second-row seat back frame that has this condition may not fold properly or may be loose and rattle during normal vehicle operation.

## Involved Components :

**Component Name 1 :** Seat back frame bolt

**Component Description :** BOLT&WSHR,HX,M10X30,STL[10.9],PTC,ZNF

**Component Part Number :** 1057091-00-

## Supplier Identification :

### Component Manufacturer

**Name :** Faurecia (Forvia)

**Address :** 2800 High Meadow circle

Oakland Technological Park Auburn Hills Michigan 48326

**Country :** United States

## Chronology :

- On December 10, 2022, an operator in Tesla's Fremont, CA, manufacturing facility identified a seat back bolt that secured a Model Y second-row driver-side seat back frame to the lower seat frame that was not torqued to specification.
- On December 10 and 11, 2022, in Tesla's Austin, TX, and Fremont manufacturing facilities, respectively, second-row seats for Model Y production were contained and manufacturing personnel began an inspection to confirm that the seat back bolts were torqued to specification.
- From December 11, 2022, through January 27, 2023, in coordination with the supplier, Tesla conducted an investigation to identify a root cause, including which bolts in which seat back frame(s) were impacted. Tesla also began a review of manufacturing records to identify a potentially affected vehicle population.
- From January 30 through February 13, 2023, Tesla conducted a risk assessment of the condition using CAE analysis.
- On February 17, 2023, Tesla completed its investigation and review of manufacturing records and confirmed the root cause, risk assessment, and affected vehicle population. A recall determination was made on the same

day.

- As of February 23, 2023, Tesla has identified 5 warranty claims, received between December 9, 2022, and February 14, 2023, that may be related to the conditions described above. Tesla is not aware of any injuries or deaths that may be related to such conditions.

## Description of Remedy :

**Description of Remedy Program :** At no cost to the customer, Tesla will inspect the bolts that secure the second-row driver-side and passenger-side seat back frames to the lower seat frames and, if necessary, retorque them to specifications.

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 these conditions.

**How Remedy Component Differs from Recalled Component :** Confirmed torque to specifications of the bolts that secure the second-row driver-side and passenger-side seat back frames to the lower seat frames.

**Identify How/When Recall Condition was Corrected in Production :** Between December 11 and December 19, 2022, the supplier implemented improved process controls along with improved training and supervision to ensure that bolts are torqued to specifications.

## Recall Schedule :

**Description of Recall Schedule :** All Tesla stores and service centers will be notified about this recall on or shortly after February 28, 2023. Owner notification letters will be mailed in accordance with 49 C.F.R. § 577.7.

**Planned Dealer Notification Date :** FEB 28, 2023 - FEB 28, 2023

**Planned Owner Notification Date :** APR 25, 2023 - APR 25, 2023

\* NR - Not Reported