

Part 573 Safety Recall Report

21V-00B

Manufacturer Name : Tesla, Inc.
Submission Date : DEC 21, 2021
NHTSA Recall No. : 21V-00B
Manufacturer Recall No. : SB-21-11-003

**Manufacturer Information :**

Manufacturer Name : Tesla, Inc.
Address : 3500 Deer Creek Road
 Palo Alto CA 94304
Company phone : 650-413-4000

Population :

Number of potentially involved : 119,009
Estimated percentage with defect : 14 %

Vehicle Information :

Vehicle 1 : 2014-2021 Tesla Model S
Vehicle Type :
Body Style :
Power Train : NR

Descriptive Information : The recall population includes select Model S vehicles and was determined based upon a review of design and manufacturing records.

Production Dates : SEP 16, 2014 - DEC 23, 2020

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

Description of Noncompliance :

Description of the Noncompliance : The secondary frunk latch actuates into position at the back of the frunk striker. On some Model S vehicles, the latch assembly may be aligned too far rearward. While this alignment does not impact latching of the primary latch with the frunk striker, it may prevent latching of the secondary latch.

FMVSS 1 : 113 - Hood latch system

FMVSS 2 : NR

Description of the Safety Risk : If the primary latch is inadvertently released and the secondary latch is not engaged, the frunk may open without warning and obstruct the driver's visibility, increasing the risk of a crash.

Description of the Cause : Misalignment of the latch assembly during fitment of the frunk in manufacturing.

Identification of Any Warning that can Occur : If the primary latch is inadvertently released, the driver will receive an alert on the user interface.

Involved Components :

Component Name 1 : ASSY, HOOD LATCH

Component Description : HOOD LATCH

Component Part Number : 1033011-00-A

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

- In January 2021, the Field Quality team investigated a Model Year (“MY”) 2018- Model S vehicle whose frunk opened while in Drive. The secondary latch was found to be misaligned with the striker. The condition was recommended for study and engineering analysis.
- From April to May 2021, an engineering study was conducted on Tesla’s internal vehicle fleet. Results were inconclusive.
- From June to November 2021, a broader engineering study was conducted on customer Model S vehicles to understand the scope of vehicles potentially containing the condition.
- From November to December 2021, Engineering teams reviewed the study results and performed tests on secondary latch actuation, including an analysis of the probability of retention.
- In December 2021, Tesla completed its investigation of records, related testing and analysis, and confirmed the root cause, risk assessment, and affected population.
- On December 14, 2021, a recall determination was made.
- As of December 20, 2021, Tesla identified 4 warranty claims and 3 field reports (received between October 4, 2020 and December 20, 2021) that have been received for U.S. vehicles and are related to or may be related to this condition. Tesla is not aware of any crashes, injuries, or deaths related to the condition.

Description of Remedy :

Description of Remedy Program : Tesla Service will inspect the secondary frunk latch on affected vehicles. If the frunk is not properly retained by the secondary latch, the latch mechanism will be reassembled and repositioned to assure proper alignment.

Customers who paid to replace or service their frunk latch for this condition prior to the recall notification may be eligible for reimbursement per Tesla's General Recall Reimbursement Plan.

How Remedy Component Differs from Recalled Component : Confirmation of the secondary frunk latch to correct alignment specifications.

Identify How/When Recall Condition was Corrected in Production : The latch assembly in which the condition was identified ended production on December 23, 2020. Other model years and other Tesla models utilize a different latch assembly.

Recall Schedule :

Description of Recall Schedule : All Tesla stores and service centers will be notified on or shortly after December 23, 2021. Owner notification letters will be mailed in accordance with 49 C.F.R. § 577.7.

Planned Dealer Notification Date : DEC 23, 2021 - DEC 23, 2021

Planned Owner Notification Date : FEB 18, 2022 - FEB 18, 2022

* NR - Not Reported