

Part 573 Safety Recall Report

22V-187

Manufacturer Name : Ford Motor Company**Submission Date :** MAR 25, 2022**NHTSA Recall No. :** 22V-187**Manufacturer Recall No. :** 22S19**Manufacturer Information :**

Manufacturer Name : Ford Motor Company

Address : 330 Town Center Drive

Suite 500 Dearborn MI 48126-2738

Company phone : 1-866-436-7332

Population :

Number of potentially involved : 585

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2022 LINCOLN AVIATOR

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : HYBRID ELECTRIC

Descriptive Information : Ford's team reviewed supplier process and maintenance records to determine the population of affected parts. The recalled part was introduced into production 09/18/2021 and was taken out of production on 12/17/2021. Affected vehicles are equipped with the 3.0L plug-in hybrid powertrain.

These vehicles are not produced in VIN order. Information as to the applicability of this action to specific vehicles can best be obtained by either calling Ford's toll-free line (1-866-436-7332) or by contacting a local Ford or Lincoln dealer who can obtain specific information regarding the vehicles from the Ford On-line Automotive Service Information System (OASIS) database.

Production Dates : SEP 18, 2021 - DEC 13, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The inlet charge port bus bar may become unseated, leading to a diagnostic trouble code (DTC) and may result in a loss of motive power.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the charge port bus bar becomes unseated while driving, a wrench light will illuminate, and when the vehicle speed drops to 2.0 MPH, the vehicle will display a "Stop Safely Now" message on the instrument panel and the vehicle will lose motive power, increasing the risk of a crash.

Description of the Cause : An uncertified operator at the harness supplier did not follow the correct

production process during assembly between September 13, 2021 and September 21, 2021 During this period, the inlet charge port harness bus bar was not fully seated on the harness during installation which can cause it to become unseated while the vehicle is being operated.

Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : Inlet Charge Port Harness

Component Description : PHEV Charge Port Harness - Aviator

Component Part Number : L1M8-14B308-AE

Supplier Identification :

Component Manufacturer

Name : Aptiv

Address : 5725 Innovation Drive
Troy Michigan 48098

Country : United States

Chronology :

On December 14, 2021, an issue pertaining to Plug-in hybrid electric vehicle (PHEV) inlet charge port harness bus bars becoming unseated was brought to Ford's Critical Concern Review Group (CCRG) for review.

December 2021 – February 2022: Ford reviewed supplier production data and discovered that an uncertified operator at the harness supplier did not follow the correct production process during assembly between September 13, 2021 and September 21, 2021. The supplier produced a total of 283 harnesses during this period. Ford reviewed their own production data and was unable to trace the suspect harnesses to specific VINs, but determined these harnesses were installed in vehicles between September 18, 2021 and December 13, 2021. Ford completed an analysis of warranty claims and connected vehicle data to understand the occurrence rate. Ford's engineering team replicated this concern on a vehicle to fully understand the customer experience.

Ford is aware of 15 warranty claims in the United States attributed to this issue received between September 22, 2021 and February 24, 2022. Ford is not aware of any VOQs related to this issue.

On March 18, 2022, Ford's Field Review Committee reviewed the concern and approved a field action.

Ford is not aware of any reports of accident or injury related to this condition.

Description of Remedy :

Description of Remedy Program : Owners will be notified by mail and instructed to take their vehicle to a Ford or Lincoln dealer to have the inlet charge port harness date code label inspected, and harnesses built during the suspect period will be replaced. There will be no charge for this service.

Ford provided the general reimbursement plan for the cost of remedies paid for by vehicle owners prior to notification of a safety recall in May 2021.

Ford will forward a copy of the notification letters to dealers to the agency when available.

How Remedy Component Differs from Recalled Component : The replacement Inlet Charge Port Harness L1M8-14B308-AE was manufactured using the correct production process.

Identify How/When Recall Condition was Corrected in Production : Vehicles built after December 13, 2021 have been assembled with Inlet Charge Port Harnesses that were manufactured using the correct production process.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on March 28, 2022. Mailing of owner notification letters is expected to begin April 18, 2022 and is expected to be completed by April 22, 2022.

Planned Dealer Notification Date : MAR 28, 2022 - MAR 28, 2022

Planned Owner Notification Date : APR 18, 2022 - APR 22, 2022

* NR - Not Reported