

Part 573 Safety Recall Report

22V-953

Manufacturer Name : Ford Motor Company**Submission Date :** DEC 23, 2022**NHTSA Recall No. :** 22V-953**Manufacturer Recall No. :** 22C35**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 : 101,001

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2023 Lincoln Aviator

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : The recalled part was introduced into production on 10/19/2018 and was taken out of production for vehicles equipped with the Revel sound system on 12/13/2022.

Affected vehicles are equipped with a Revel Audio System.

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.

72,248 Aviator vehicles affected

Production Dates : OCT 19, 2018 - DEC 13, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2020-2022 Lincoln Corsair

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : The recalled part was introduced into production on 01/07/2019 and was taken out of production for vehicles equipped with the Revel sound system on 12/13/2022.

Affected vehicles are equipped with a Revel Audio System.

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.

28,753 Corsair vehicles affected

Production Dates : JAN 07, 2019 - DEC 13, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : The seat belt warning system may activate an audible signal for a period of less than 4 seconds when the driver's seat belt is not buckled and the vehicle is started.

FMVSS 1 : 208 - Occupant crash protection

FMVSS 2 : NR

Description of the Safety Risk : An audible signal that is activated for less than 4 seconds can result in decreased safety belt usage, increasing the risk of injury during a crash.

Description of the Cause : The Audio Control Module is muting a portion of the audible warning chime playback during an attempt to initialize an internal amplifier that is not included in vehicles with Revel audio systems.

Identification of Any Warning that can Occur : None.

Involved Components :

Component Name 1 : Audio Head Unit

Component Description : AM/FM/Div/0Ch/SDARS/HD-MRC/A2B/Hif2/ESE/ANC/Lincoln features

Component Part Number : PJ7T-18D890-SC

Component Name 2 : Audio Head Unit

Component Description : AM/FM/Div/0Ch/Hif2/ANC/Lincoln features

Component Part Number : LC5T-18K810-JC

Component Name 3 : Audio Head Unit

Component Description : AM/FM/Div/0Ch/SDARS/HD-MRC/A2B/Hif2/ESE/ANC/Lincoln features

Component Part Number : MC5T-18D890-SC

Supplier Identification :

Component Manufacturer

Name : Visteon

Address : One Village Center Drive
Van Buren Township Michigan 48111

Country : United States

Chronology :

On November 22, 2022, an issue pertaining to the number of audible seatbelt reminder warning chimes on a 2022MY Lincoln Aviator PHEV was brought to Ford's Critical Concern Review Group for review.

The potential concern was initially identified on October 27, 2022, by Ford's quality team in South Korea during validation of a corrective action for an incorrect seatbelt warning system configuration.

November 2022 - Product Development and the Automotive Safety Office evaluated the performance of seatbelt reminder system on various combinations of powertrain and audio system for Lincoln Aviator in an attempt to reproduce the concern. Based on Ford's initial vehicle evaluations, it was discovered that some Lincoln Aviator PHEV vehicles with a Revel audio system exhibited an initial chime duration of less than 4 seconds.

December 2022 - The engineering team and audio supplier conducted a design of experiments to gain a better understanding of root cause and scope of concern. It was determined that the main contributor was the audio system software and the potential scope was limited to vehicles equipped with the Revel audio system. The Revel audio system was introduced on the 2020MY Lincoln Aviator and Corsair. Further seatbelt reminder system evaluations were conducted at Ford assembly plants on current production vehicles with the Revel audio system. It was concluded that 2020-2023MY Lincoln Aviator and 2020-2022MY Corsair vehicles could experience the symptom of a chime duration less than 4 seconds.

As of December 16, 2022, Ford is not aware of any warranty claims or NHTSA Vehicle Owner Questionnaire

(VOQs) related to this condition.

On December 16, 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 Audio Control Module software updated. 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. The ending date for reimbursement eligibility is estimated to be February 24, 2023.

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

How Remedy Component Differs from Recalled Component : The recalled audio head units PJ7T-18D890-SC, LC5T-18K810-JC, MC5T-18D890-SC contain software that may mute a portion of the audible seatbelt warning chime. The remedy audio head unit software corrects the initialization logic and will not mute the seatbelt warning chime.

Identify How/When Recall Condition was Corrected in Production : Not required per 49 Part 573.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on January 6, 2023. Mailing of owner notification letters is expected to begin February 6, 2023 and is expected to be completed by February 10, 2023.

Planned Dealer Notification Date : JAN 06, 2023 - JAN 06, 2023

Planned Owner Notification Date : FEB 06, 2023 - FEB 10, 2023

* NR - Not Reported