

Part 573 Safety Recall Report

21V-980

Manufacturer Name : Ford Motor Company**Submission Date :** DEC 16, 2021**NHTSA Recall No. :** 21V-980**Manufacturer Recall No. :** 21C37**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 : 93

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 Ford Mustang

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Ford's team reviewed supplier process and maintenance records to determine the population of affected parts. The Ford process is capable of tracing side curtain airbag production to the vehicle in which the side curtain airbag is installed.

Affected vehicles are equipped with suspect side curtain airbags.

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.

Ford Mustang - 93

Production Dates : FEB 09, 2021 - NOV 12, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : Side curtain airbags were produced with inflators that have the incorrect gas mass. Vehicles with suspect airbags may not comply to FMVSS 226 and FMVSS 214.

FMVSS 1 : 226 - Ejection mitigation

FMVSS 2 : 214 - Side impact protection

Description of the Safety Risk : A side curtain airbag containing an inflator with the incorrect gas mass may not properly inflate the cushion when deployed. If the cushion does not

properly inflate, it increases the risk of occupant injury in a crash necessitating side curtain airbag deployment.

Description of the Cause : Side curtain airbag inflators manufactured with the incorrect gas mass were not detected in supplier manufacturing process due to controller logic.

Identification of Any Warning that can Occur : None.

Involved Components :

Component Name 1 : KIT BAG ASY RF

Component Description : RH Side Air Curtain

Component Part Number : JR3B-C699D85-AL

Component Name 2 : KIT BAG ASY LF

Component Description : LH Side Air Curtain

Component Part Number : JR3B-C699D86-AL

Supplier Identification :

Component Manufacturer

Name : JOYSON SAFETY SYSTEMS ACQUISITION LLC

Address : LIBRAMIENTO CAR SAL DE GOR #198
CIUDAD FRONTERA Foreign States 25610

Country : Mexico

Chronology :

On November 4, 2021, a competitor's airbag module containing an HPH-A inflator built in Joyson Safety Systems (JSS) Monclova plant did not properly inflate the cushion when activated during a laboratory test. Subsequent investigation determined that while the inflator production line measured and recorded each inflator to determine if the correct mass of gas was present, the production line was not rejecting out of specification units. JSS reviewed the recorded data and identified specific inflators (by serial number) which were built and shipped without the correct gas mass.

On November 5, 2021, JSS informed Ford that HPH-A inflators used on the Mustang Curtain Airbag (CAB) modules were suspect. JSS communicated to Ford that they planned to submit a PART 573 for this defect.

On November 16, 2021, Ford's Critical Concern Review Group opened an investigation on this issue.

Ford reviewed supplier records and traceability data to determine vehicles that were manufactured with suspect inflators.

On December 09, 2021, 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 affected side curtain airbags replaced. There will be no charge for this service. Ford is excluding reimbursement for costs because the original warranty program would provide for a free repair for this concern.

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

How Remedy Component Differs from Recalled Component : The remedy component is produced with inflators that are within specification for gas mass.

Identify How/When Recall Condition was Corrected in Production : On November 04, 2021, supplier changed the PLC logic correcting the error condition and validation was performed to ensure the automatic rejection of inflators with inadequate gas fill.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on December 15, 2021 (Advanced Notice). Mailing of owner notification letters is expected to begin February 01, 2022 and is expected to be completed by February 04, 2022.

Planned Dealer Notification Date : JAN 17, 2022 - JAN 21, 2022

Planned Owner Notification Date : FEB 01, 2022 - FEB 04, 2022

* NR - Not Reported