

Part 573 Safety Recall Report

22V-787

Manufacturer Name : Ford Motor Company**Submission Date :** OCT 20, 2022**NHTSA Recall No. :** 22V-787**Manufacturer Recall No. :** 22S66**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 : 26

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2022 Ford Bronco Sport

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

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 Fuel Pump Control Module (FPCM) bracket production to the vehicle in which the FPCM bracket is installed.

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.

26 Bronco Sport vehicles are affected

Production Dates : AUG 10, 2022 - AUG 11, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Affected vehicles are built with a Fuel Pump Control Module (FPCM) bracket that may not be secured to the fuel tank assembly.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the FPCM bracket is not secured, additional stress is applied to the FPCM connector which connects the FPCM to the wiring harness. Over time, pulling stress in the FPCM connector may lead to loss of the electrical connection

resulting in a non-functional FPCM.. Alternatively, the FPCM may become damaged from continued impacts against the body of the vehicle and the fuel tank resulting in a non-functional FPCM. A non-functional FPCM prevents fuel from being supplied to the engine, potentially resulting in a MIL light and a sudden loss of motive power to the vehicle increasing the risk of a crash.

Description of the Cause : Plastic Omnium, the tier 1 supplier, misassembled the FPCM bracket to the fuel tank due to operator error.

Identification of Any Warning that can Occur : While driving the vehicle on a bumpy road the driver may hear a clunking noise under the rear seat from the FPCM and FPCM bracket hitting the fuel tank. In addition, the customer may notice a MIL light illuminated in the instrument cluster.

Involved Components :

Component Name 1 : Fuel Tank Assembly

Component Description : Fuel Tank Assembly

Component Part Number : LX61-9002-YC

Supplier Identification :

Component Manufacturer

Name : Plastic Omnium Clean Energy Systems

Address : Blvd. Las Joyas #4497, Colinas de Leon
Leon Foreign States 37668

Country : Mexico

Chronology :

On August 12, 2022, an issue pertaining to the 2022 Bronco Sport fuel tank assembly was brought to Ford's Critical Concern Review Group for review.

On August 11, 2022, a technician at Hermosillo Assembly Plant (HSAP) reported that they could not install the Fuel Pump Control Module on the fuel tank of a 2022MY Bronco Sport because the plastic attachment bracket where it mounts was detached. The HSAP team initiated a material inspection of incoming fuel tanks and identified additional occurrence of a detached FPCM bracket. An In-Transit Stop Ship was issued on August 17, 2022, to contain suspect vehicles that had been shipped from the plant. Ford reviewed Plastic Omnium weld pad thickness control chart for the blow molded fuel tank to determine the population of affected parts. They determined the issue started on August 5, 2022 at Plastic Omnium when an operator adjusted the die gap

manually.

August – September 2022: Automotive Safety Office searched for and monitored field reports to determine scope of which vehicles may be affected.

On October 13, 2022, Ford's Field Review Committee reviewed the concern and approved a field action.

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 fuel tank 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. The ending date for reimbursement eligibility is estimated to be December 23, 2022.

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

How Remedy Component Differs from Recalled Component : The FPCM bracket will be properly installed on the replacement fuel tank assembly.

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 October 21, 2022. Mailing of owner notification letters is expected to begin December 05, 2022 and is expected to be completed by December 09, 2022.

Planned Dealer Notification Date : OCT 21, 2022 - OCT 21, 2022

Planned Owner Notification Date : DEC 05, 2022 - DEC 09, 2022

* NR - Not Reported