

Part 573 Safety Recall Report

23V-021

Manufacturer Name : Ford Motor Company**Submission Date :** JAN 25, 2023**NHTSA Recall No. :** 23V-021**Manufacturer Recall No. :** 23S01**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 : 801

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2023-2023 Ford Bronco Sport

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

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 ABS Module production to the vehicle in which the ABS Module 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.

Production Dates : DEC 08, 2022 - DEC 16, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : A leak will be present in the rear normally closed valves within the ABS Module, in this condition, the driver may experience a longer brake pedal travel without warning. This condition may be intermittent, resulting in inconsistent pedal travel. Additionally, the driver selectable Auto Vehicle Hold feature may not operate as intended if a leak is present in the rear normally closed valves. The vehicle may creep unexpectedly after an auto hold event is initiated.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An unexpected increase in brake travel or unexpected movement during an Auto Hold event can increase the risk of a crash.

Description of the Cause : A foreign object was introduced into the tool that assembles the Normally Closed (NC) valves used in the ABS Module. This foreign object caused flat spot damage to the 1.5 mm ball that creates the seal in a properly functioning NC valve. This flat spot damage provides an unintended leak path through the valve.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Anti-Lock Brake Control Module

Component Description : Conventional Anti-Lock & Electronic Stability Control Module

Component Part Number : LX6C-2B373-LG

Supplier Identification :

Component Manufacturer

Name : Continental Automotive

Address : 1103 Jamestown Road
Morganton North Carolina 28655

Country : United States

Chronology :

On December 22, 2022, Continental notified the Ford Valencia Assembly Plant (VAP) and the Product Development team in Europe of a potential supplier quality issue related to Hydraulic Control Units (HCU) of an Electronic Brake Booster (EBB).

On January 5, 2023, this issue was brought into Ford's Critical Concern Review Group (CCRG) for review. The investigation revealed that suspect parts were assembled into Anti-Lock Brake System (ABS) HCUs shipped to Hermosillo assembly plant where Ford Bronco Sport vehicles are produced.

As of January 10, 2023, Ford is not aware of any accidents, injuries, or fires as a result of this condition. As of January 10, 2023, Ford is not aware of any warranty claims or VOQs as a result of this condition.

On January 13th, 2023, 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 their ABS Module 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 April 01, 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 new ABS Modules will be produced without damage to the rear normally closed valves.

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on January 25, 2023. Mailing of owner notification letters is expected to begin February 15, 2023 and is expected to be completed by February 17, 2023.

Planned Dealer Notification Date : JAN 26, 2023 - JAN 26, 2023

Planned Owner Notification Date : FEB 15, 2023 - FEB 17, 2023

* NR - Not Reported