

Part 573 Safety Recall Report

21V-922

Manufacturer Name : Ford Motor Company

Submission Date : JUL 14, 2022

NHTSA Recall No. : 21V-922

Manufacturer Recall No. : 21C31



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 : 114,666

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2022 Ford Escape

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Affected vehicles have a lower than specified rear brake lining coefficient of friction and are equipped with a brake vacuum booster without a vacuum sensor.

2021-2022 model year Bronco Sport vehicles with build dates from January 27, 2021 through November 11, 2021 and 2021-2022 model year Escape vehicles with build dates from December 14, 2020 through October 26, 2021 are affected. Ford is conducting research to confirm the affected vehicle population which may cause the volumes to change after this defect notice is submitted. An update will be provided to the Agency after the investigation is completed.

2021 Bronco Sport = 65,429

2021 Escape = 49,553

2022 Bronco Sport = 12

2022 Escape = 2

February 10, 2022 Update:

2021 Bronco Sport = 64,708

2021 Escape = 49,948

2022 Bronco Sport = 8

2022 Escape = 2

New total = 114, 666

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 14, 2020 - OCT 26, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2021-2022 Ford Bronco Sport
Vehicle Type : LIGHT VEHICLES
Body Style :
Power Train : NR

Descriptive Information : Affected vehicles have a lower than specified rear brake lining coefficient of friction and are equipped with a brake vacuum booster without a vacuum sensor.

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Production Dates : JAN 27, 2021 - NOV 11, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : Some vehicles may be equipped with rear brake linings that have a friction coefficient that is outside of the specified tolerances. These vehicles are equipped with a brake vacuum booster without a vacuum sensor. The vacuum sensor compensated for variation in brake pad friction performance.

FMVSS 1 : 135 - Light vehicle brake systems

FMVSS 2 : NR

Description of the Safety Risk : If one of the affected vehicles experiences a booster malfunction, the customer may experience increased brake pedal forces and extended stopping distances beyond FMVSS 135 requirements, increasing the risk of a

Description of the Cause : crash.
The brake system depends on a specified brake lining friction coefficient to achieve design intent stopping distances. A lower than specified brake lining friction coefficient could increase the stopping distances beyond FMVSS 135 requirements for "Brake Power Assist Unit Inoperative".

Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : Brake Linings

Component Description : Rear Brake Caliper Assembly

Component Part Number : NX61-2D251-BNA Left Rear Caliper and NX61-2D250-BNA Right Rear Caliper

Supplier Identification :

Component Manufacturer

Name : Continental Automotive Mexicana, S.A. de

Address : Circuito San Miguelito Poniente 132

Cd. Satellite Zona Industrial, Delegacion San Luis Potosi Foreign States 78423

Country : Mexico

Chronology :

see attached document for chronology

Description of Remedy :

Description of Remedy Program : Ford is still validating the service remedy for this issue. An update will be provided to the Agency after the investigation is completed. Tentative remedy is as follows: Owners will be notified by mail and instructed to take their vehicle to a Ford or Lincoln dealer for replacement of the front and/or rear brake linings with a higher friction design. 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.

February 10, 2022 Update: The service remedy will involve replacement of the front brake linings with a higher friction design.

How Remedy Component Differs from Recalled Component : Ford is still validating the service remedy for this issue. An update will be provided to the Agency after the investigation is completed. The tentative remedy front and/or rear brake linings have a higher coefficient of friction than design intent and will compensate for the brake lining friction variation and enable the vehicle to meet all FMVSS 135 stopping distance requirements.

Part numbers for the replacement brake linings have not been created yet.

February 10, 2022 Update: The service remedy will involve replacement of the front brake linings with a higher friction design. The part number for the front brake pad service kit is NZ6Z-2001-A.

Identify How/When Recall Condition was Corrected in Production : N/A

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on January 3, 2022. Mailing of owner notification letters is expected to begin January 10, 2022 and is expected to be completed by January 14, 2022 instructing customers to take their vehicle to a Ford or Lincoln dealer to have the brake linings replaced.

February 10, 2022 Update: Mailing of owner notification letters instructing customers to take their vehicle to a Ford dealer is expected to be completed in the late 2nd quarter of calendar year 2022.

July 14, 2022 Update: Mailing of owner notification letters instructing customers to take their vehicle to a Ford dealer is expected to be completed in the early 3rd quarter of calendar year 2022.

Planned Dealer Notification Date : JAN 03, 2022 - JAN 03, 2022

Planned Owner Notification Date : JAN 10, 2022 - JAN 14, 2022

* NR - Not Reported