Manufacturer Name: Ford Motor Company
Submission Date: NOV 23, 2021
NHTSA Recall No.: 21V-922
Manufacturer Recall No.: 21C31

Population:
Number of potentially involved: 114,996
Estimated percentage with defect: 100%

Manufacturer Information:
Manufacturer Name: Ford Motor Company
Address: 330 Town Center Drive
Suite 500 Dearborn MI 48126-2738
Company phone: 1-866-436-7332

Vehicle Information:
Vehicle 1: 2021-2022 Ford Bronco Sport
Vehicle Type: LIGHT VEHICLES
Body Style: NR
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

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: JAN 27, 2021 - NOV 11, 2021
VIN Range 1: Begin: NR End: NR Not sequential
2021-2022 Ford Escape
Vehicle Type: LIGHT VEHICLES
Body Style: NR
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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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 crash.

Description of the Cause: 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”.

The information contained in this report was submitted pursuant to 49 CFR §573
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. Satelite 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.

How Remedy Component Differs: Ford is still validating the service remedy for this issue. An update will be
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