

Part 573 Safety Recall Report

20E-069

Manufacturer Name : Ford Motor Company

Submission Date : FEB 23, 2021

NHTSA Recall No. : 20E-069

Manufacturer Recall No. : 20S55



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 : 62

Estimated percentage with defect : 100 %

Equipment Information :

Brand / Trade 1 : FR53-2455-AB

Model : Replacement Brake Pedal Bracket

Part No. : FR53-2455-AB

Size : NR

Function : NR

Descriptive Information : Replacement brake pedal bracket part number FR53-2455-AA or FR53-2455-AB purchased between March 4, 2019 and September 10, 2020 could fracture during sudden stopping.

Production Dates : MAR 04, 2019 - AUG 13, 2020

Brand / Trade 2 : Ford Service Parts

Model : Replacement Brake Pedal Bracket

Part No. : FR53-2455-AA

Size : NR

Function : NR

Descriptive Information : Replacement brake pedal bracket part number FR53-2455-AA or FR53-2455-AB purchased between March 4, 2019 and September 10, 2020 could fracture during sudden stopping.

Production Dates : MAR 04, 2019 - AUG 13, 2020

Description of Defect :

Description of the Defect : Replacement brake pedal brackets could fracture during sudden stopping.

Ford is not aware of any reports of accident or injury related to this condition.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : During a sudden stop the driver may experience a loss of primary braking capability, increasing the risk of an accident.

Ford is not aware of any accidents or injuries relate to this condition.

Description of the Cause : The root cause of this condition is insufficient design margins for noise factors within brake pedal engineering specification and design verification procedure. The brake pedal bracket material was changed from nylon to polypropylene on vehicles with automatic transmissions which resulted in reduced robustness to spike stop loading for the particular design.

Identification of Any Warning that can Occur : None

Involved Components :

Component Name : Brake Pedal Bracket Assembly

Component Description : Brake Pedal Bracket Assembly

Component Part Number : FR53 2455-AE

Component Name : Brake Pedal Bracket Assembly

Component Description : Brake Pedal Bracket Assembly

Component Part Number : FR53 2455-AF

Supplier Identification :

Component Manufacturer

Name : KSR

Address : 95 Erie St. South
Ridgetown Foreign States NOP2C0

Country : Canada

Chronology :

August 2020: On August 4, 2020, a concern related to three reports of brake pedal bracket fracturing was

brought to Ford's Critical Concern Review Group (CCRG) for review.

Ford analyzed parts returned and determined the brackets failed via brittle overload.

Ford searched for additional reports of this concern.

September 2019: As of September 9, 2020, Ford found there had been four reports in the European market and two reports in North American market of brake pedal bracket breaking at pivot location during spike stop braking.

On September 16, 2020, 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 : Letters will be sent to the dealer principals of the dealerships that ordered the suspect parts for which there is no traceability. Dealerships will be instructed to contact customers that received over the counter parts, and provide replacement.

Dealers are to replace the brake pedal bracket assembly.

How Remedy Component Differs from Recalled Component : Component Part Number: FR53 2455-AE
or
Component Part Number: FR53 2455-AF

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

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on September 24, 2020. Mailing of owner notification letters is expected to begin November 16, 2020 and is expected to be completed by November 20, 2020.

Planned Dealer Notification Date : SEP 24, 2020 - SEP 24, 2020

Planned Owner Notification Date : JAN 26, 2021 - FEB 02, 2021

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR
Address : NR
NR
Country : NR
Company Phone : NR

* NR - Not Reported