

Part 573 Safety Recall Report

20V-573

Manufacturer Name : Ford Motor Company**Submission Date :** SEP 24, 2020**NHTSA Recall No. :** 20V-573**Manufacturer Recall No. :** 20S52**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 : 38,005

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2020 Ford Mustang

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Affected vehicles are equipped with automatic transmissions.

The brake pedal bracket assembly was introduced into production on 03/04/2019 and was taken out of production on 08/13/2020.

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.

38,005 Ford Mustangs are affected.

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

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Vehicles equipped with a brake pedal bracket that could fracture during sudden stopping.

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 which could increase the risk of an accident.

Description of the Cause : Ford is not aware of any accidents or injuries related to this condition. 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 1 : Brake Pedal Bracket Assembly

Component Description : Brake Pedal Bracket Assembly

Component Part Number : FR53 2455-AE

Component Name 2 : Brake Pedal Bracket Assembly

Component Description : Brake Pedal Bracket Assembly

Component Part Number : FR53 2455-AF

Supplier Identification :

Component Manufacturer

Name : KSR International Inc.

Address : 95 Erie St. South

P.O. Box 1060 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 : Owners will be notified by mail and instructed to take their vehicle to a Ford or Lincoln dealer to have the brake pedal bracket assembly replaced. 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 from Recalled Component : Part number FR3Z-2455-AA or FR3Z-2455-AB Brake Pedal Bracket Assembly

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 : NOV 16, 2020 - NOV 20, 2020

* NR - Not Reported