

Part 573 Safety Recall Report

20V-550

Manufacturer Name : Ford Motor Company**Submission Date :** SEP 10, 2020**NHTSA Recall No. :** 20V-550**Manufacturer Recall No. :** 20S49**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 : 165

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2020 Ford Edge

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : On July 24, 2020, Borg Warner provided Ford with a serial number list of start stop accumulators identified as missing torque values on endcap bolts. The missing torque values may indicate missing or improperly torqued endcap bolts.

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 : NOV 16, 2018 - JUN 18, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2020-2020 Ford Escape

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : On July 24, 2020, Borg Warner provided Ford with a serial number list of start stop accumulators identified as missing torque values on endcap bolts. The missing torque values may indicate missing or improperly torqued endcap bolts.

Production Dates : AUG 29, 2019 - JUL 09, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2019-2020 Ford Transit Connect

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : On July 24, 2020, Borg Warner provided Ford with a serial number list of start stop accumulators identified as missing torque values on endcap bolts. The missing torque values may indicate missing or improperly torqued endcap bolts.

Production Dates : JUN 29, 2019 - JUL 03, 2020

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 4 : 2020-2020 Lincoln Corsair

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : On July 24, 2020, Borg Warner provided Ford with a serial number list of start stop accumulators identified as missing torque values on endcap bolts. The missing torque values may indicate missing or improperly torqued endcap bolts.

Production Dates : AUG 29, 2019 - JUL 09, 2020

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 5 : 2019-2020 Lincoln MKX

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : On July 24, 2020, Borg Warner provided Ford with a serial number list of start stop accumulators identified as missing torque values on endcap bolts. The missing torque values may indicate missing or improperly torqued endcap bolts.

Production Dates : NOV 16, 2018 - JUN 18, 2020

VIN Range 1 : Begin : NR End : NR Not sequential

Description of Defect :

Description of the Defect : The affected vehicles are equipped with a start stop accumulator that may have missing or loose bolts.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Missing or loose bolts on the start stop accumulator endcap could result in a transmission oil leak and may progress to a loss of transmission function. A transmission oil leak in the presence of an ignition source may increase the risk of fire.

Description of the Cause : An error in the supplier's assembly line software logic allowed start stop

accumulators to be released from the supplier's automated bolt torque station with two bolts either not installed or not torqued to specification.

Identification of Any Warning that can Occur : A wrench light may illuminate.

Involved Components :

Component Name 1 : Auto Start/Stop Accumulator

Component Description : Automatic engine restart aid

Component Part Number : JM5Z-7P184-B

Supplier Identification :

Component Manufacturer

Name : Borg Warner Transmission Systems

Address : 600 Highway 32 East
Water Valley MISSISSIPPI 38965

Country : United States

Chronology :

On July 16, 2020, Borg Warner informed Ford that it had shipped 10 suspect start stop accumulators to the Ford Livonia Transmission Plant with two of the four endcap bolts potentially missing or loose.

On July 24, 2020, Borg Warner provided Ford with a serial number list of 173 start stop accumulators (going back to late 2018) with missing torque data that were delivered to the Ford Livonia Transmission Plant. Eight of the accumulators were contained and 165 built into vehicles.

On July 28, 2020, Engineering brought the topic into the Critical Concerns Research Group (CCRG). Testing showed that the accumulator endcap would not likely meet design life requirements with missing or improperly torqued endcap bolts.

On September 2, 2020, Ford's Field Review Committee approved a field service action.

Ford is not aware of any reports of accidents or injuries 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 start stop accumulator removed and replaced. There will be no charge for this service.
How Remedy Component Differs from Recalled Component :	The remedy component has four endcap bolts properly installed
Identify How/When Recall Condition was Corrected in Production :	On July 16, 2020, Borg Warner corrected the assembly line logic to prevent accumulators from passing without properly installed and torqued endcap bolts.

Recall Schedule :

Description of Recall Schedule :	Notification to dealers is expected to occur on September 9, 2020. Mailing of owner notification letters is expected to begin September 21, 2020 and is expected to be completed by September 25, 2020.
Planned Dealer Notification Date :	SEP 09, 2020 - SEP 09, 2020
Planned Owner Notification Date :	SEP 21, 2020 - SEP 25, 2020

* NR - Not Reported