Part 573 Safety Recall Report 23V-380

Manufacturer Name : Ford Motor Company
Submission Date : MAY 26, 2023
NHTSA Recall No. : 23V-380
Manufacturer Recall No. : 23S27

NHTSA
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION

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 : 125,322
Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2020-2023 Ford Escape
Vehicle Type : LIGHT VEHICLES
Body Style :
Power Train : NR
Descriptive Information : Ford's team reviewed plant records to determine the population of affected parts. The Ford process is capable of tracing engine production to the vehicle in which the engine is installed. Affected vehicles are equipped with 2.5L HEV or PHEV engines.

86,656 Escape vehicles are affected.

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 01, 2019 - MAY 23, 2023
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 2 :	2022-2023 Ford Maverick
Vehicle Type :	LIGHT VEHICLES
Body Style :	
Power Train :	NR
Descriptive Information :	Ford's team reviewed plant records to determine the population of affected parts. The Ford process is capable of tracing engine production to the vehicle in which the engine is installed. Affected vehicles are equipped with 2.5L HEV engines. 35,501 Maverick vehicles are affected. 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 :	FEB 03, 2021 - MAY 18, 2023
VIN Range 1 :	Begin : NR End : NR ☐ Not sequential

Vehicle 3 :	2021-2023 Lincoln Corsair
Vehicle Type :	LIGHT VEHICLES
Body Style :	
Power Train :	NR
Descriptive Information :	Ford's team reviewed plant records to determine the population of affected parts. The Ford process is capable of tracing engine production to the vehicle in which the engine is installed. Affected vehicles are equipped with 2.5L PHEV engines. 3165 Corsair vehicles are affected. 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 :	OCT 24, 2019 - MAY 11, 2023
VIN Range 1 :	Begin : NR End : NR ☐ Not sequential

Description of Defect :

Description of the Defect :	Affected vehicles have 2.5L HEV/PHEV engines that could fail prematurely. In the event of an engine failure, significant quantities of engine oil and/or fuel vapor may be released into the under hood environment and may migrate to and/or accumulate near ignition sources resulting in potential under hood fire, localized melting of components, or smoke.
FMVSS 1 :	NR
FMVSS 2 :	NR
Description of the Safety Risk :	Engine oil and/or fuel vapor that accumulates near a sufficiently hot surface, below the combustion initiation flame speed, may ignite resulting in an under hood fire, and increasing the risk of injury.
Description of the Cause :	Isolated engine manufacturing issues have resulted in 2.5L HEV/PHEV engine failures involving engine block or oil pan breach. In the event of an engine block or oil pan breach, the HEV/PHEV system continues to propel the vehicle allowing the customer to continue to drive the vehicle. As the customer continues to drive after a block breach, oil and/or fuel vapor continues to be expelled and accumulates near ignition sources, primarily expected to be the exhaust system.
Identification of Any Warning that can Occur :	Engine failure is expected to produce loud noises (example: metal-to-metal clank) audible to the vehicle's occupants. An engine failure will also result in a reduction in engine torque. In Owner Letters mailed to customers, Ford will advise customers to safely park and shut off the engine as promptly as possible upon hearing unexpected engine noises, after experiencing an unexpected torque reduction, or if smoke is observed emanating from the engine compartment.

Involved Components :

Component Name 1 :	Engine
Component Description :	Engine bare
Component Part Number :	LX6Z-6006-A

Supplier Identification :

Component Manufacturer

Name :	Ford Motor Company
Address :	One American Road

Dearborn Michigan 48126
Country : United States

Chronology :

Chronology is attached.

Description of Remedy :

Description of Remedy Program :	The service remedy is currently being developed and expected to be available in the third quarter of 2023. Owners of vehicles will be notified by mail that Ford's investigation is ongoing and they will be contacted when further information is available. In letters mailed to owners, Ford will also advise customers to safely park and shut off the engine as promptly as possible upon hearing unexpected engine noises, or after experiencing an unexpected torque reduction, or seeing smoke from the engine compartment. Ford will notify the Agency and update this defect notice when the repair is defined. Ford provided the general reimbursement plan for the cost of remedies paid for by vehicle owners prior to notification of a safety recall in June 2021. The ending date for reimbursement eligibility is expected to be June 30, 2024. Ford will forward a copy of the notification letters to dealers to the agency when available.
How Remedy Component Differs from Recalled Component :	The service remedy is currently being developed.
Identify How/When Recall Condition was Corrected in Production :	Robustness actions to reduce engine failures and block breaches, and therefore reduce the risk of fire, were implemented at the engine plant on or before September 1, 2022.

Recall Schedule :

Description of Recall Schedule :	Notification to dealers is expected to occur on May 31, 2023. Mailing of owner notification letters is expected to begin June 12, 2023 and is expected to be completed by June 16, 2023 advising owners that a repair is anticipated to be available in the third quarter of 2023.
Planned Dealer Notification Date :	MAY 31, 2023 - MAY 31, 2023
Planned Owner Notification Date :	JUN 12, 2023 - JUN 16, 2023

* NR - Not Reported