

# Part 573 Safety Recall Report

# 23V-597

**Manufacturer Name :** Ford Motor Company**Submission Date :** AUG 25, 2023**NHTSA Recall No. :** 23V-597**Manufacturer Recall No. :** 23S50**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 : 10

Estimated percentage with defect : 50 %

**Vehicle Information :**

Vehicle 1 : 2023-2023 Ford Explorer

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 2.3L GTDI engines.

10 Explorer 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 : JUL 25, 2023 - AUG 03, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

**Description of the Defect :** Affected vehicles have 2.3L GTDI engines that may have a torn or cut turbocharger oil supply line o-ring.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** A torn or cut turbocharger oil supply line o-ring allows oil to escape and contact hot engine surfaces increasing the risk of an underhood fire and injury. A low engine oil pressure warning will illuminate after the oil level is

reduced sufficiently. If the customer continues to drive the vehicle with low oil pressure, the engine will eventually seize, resulting in loss of motive power which increases the risk of a crash and injury.

**Description of the Cause :** Ford reused turbo oil supply lines that had the o-ring replaced. Some of the o-rings on the reused turbo oil supply lines were damaged or unseated during the replacement process.

**Identification of Any Warning that can Occur :** The customer may notice smoke and a low engine oil pressure warning will illuminate after the oil level is reduced sufficiently. In Owner Letters mailed to customers, Ford will advise customers to safely park and shut off the engine as promptly as possible upon seeing an oil pressure warning light or if smoke is observed emanating from the engine compartment.

## Involved Components :

**Component Name 1 :** Oil Supply Line

**Component Description :** Oil Supply Line Assembly

**Component Part Number :** LB5E-6K679-AD

## Supplier Identification :

### Component Manufacturer

**Name :** Ford Motor Company

**Address :** 1 American Road

Dearborn Michigan 48126

**Country :** United States

## Chronology :

On July 30, 2023, Ford's Chicago Assembly Plant (CAP) identified oil leaking at the turbo oil supply line to cylinder block interface on a 2023 Explorer with 2.3L GTDI engine. CAP determined the leak was the result of a cut o-ring installed by Ford's Cleveland Engine Plant (CEP).

On August 6, 2023, Ford's Critical Concern Review Group (CCRG) opened an investigation pertaining to this issue.

CEP reviewed their manufacturing records and determined the suspect population has a distinct torque run-

down signature. CEP identified 36 total suspect 2.3L GTDI engines from a review of the torque rundown signatures. Ford's CCRG determined that 10 vehicles with suspect engines were shipped to dealers without inspection or repair, and the other 26 engines were contained at CEP or CAP.

There are no warranty or field reports associated with turbo supply line oil leaks on 2023 Explorers.

On August 18, 2023, Ford's Field Review Committee reviewed the concern and approved a field action.

Ford is not aware of any reports of fire, 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 turbo oil supply line assembly replaced. There will be no charge for this service. In Owner Letters mailed to customers, Ford will advise customers to safely park and shut off the engine as promptly as possible upon seeing an oil pressure warning light or if smoke is observed emanating from the engine compartment.

Ford provided the general reimbursement plan for the cost of remedies paid for by vehicle owners prior to notification of a safety recall in May 2021. The ending date for reimbursement eligibility is expected to be August 25, 2024.

Ford will forward a copy of the notification letters to dealers to the agency when available.

**How Remedy Component Differs from Recalled Component :** A new turbo oil supply line assembly (part number LB5E-6K679-AD) including a new o-ring will be installed.

**Identify How/When Recall Condition was Corrected in Production :** This issue occurred in the rework area of the engine plant. The use of reworked turbo oil supply lines is no longer allowed.

## Recall Schedule :

**Description of Recall Schedule :** Notification to dealers is expected to occur on August 25, 2023. Mailing of owner notification letters is expected to begin September 11, 2023 and is expected to be completed by September 15, 2023.

**Planned Dealer Notification Date :** AUG 25, 2023 - AUG 25, 2023

**Planned Owner Notification Date :** SEP 11, 2023 - SEP 15, 2023

\* NR - Not Reported