



U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

ODI RESUME

OFFICE OF DEFECTS INVESTIGATION



Investigation: PE23015

Prompted By: L2 Review

Date Opened: 09/20/2023

Date Closed: 02/14/2024

Investigator: Jayson Winick

Reviewer: Peter Kivett

Approver: Tanya Topka

Subject: Oil Pump Failure

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: Ford Motor Company

Products: 2018-2022 FORD ECOSPORT 2016-2018 FORD FOCUS

Population: 139,730

Problem Description: The oil pump may fail resulting in a loss of motive power.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	EWR D&I	Other	Total	EWR Field Reports
All Incidents:	419	2,707	0	2,099	5,225	CONF
Crashes/Fires:	1	1	0	0	2	0
Injury Incidents:	1	1	0	0	2	0
Number of Injuries:	2	2	0	0	4	0
Fatality Incidents:	0	0	0	0	0	0
Number of Fatalities:	0	0	0	0	0	0

Description of Other: Warranty Claims

ACTION/SUMMARY INFORMATION

Action: This (PE) Preliminary Evaluation is closed with 23V905.

Summary:

On September 20, 2023, the Office of Defects Investigation (ODI) opened PE23-015 to investigate instances of engine failure due to loss of oil pressure in model year (MY) 2018-2021 Ford EcoSport vehicles. Some consumers reported a low engine oil pressure warning lamp immediately preceding a complete loss or reduction of motive power while the vehicle was in motion.

The investigation revealed that the engine oil pump drive belt tensioner arm may fracture, separate from the tensioner backing plate, and/or the oil pump drive belt may degrade and lose teeth, resulting in a loss of engine oil pressure. A loss of engine oil pressure can result in engine seizure, which can result in a loss of

motive power and a loss of mechanical vacuum pump required to provide power braking assist, increase the risk of a crash.

On December 22, 2023, Ford filed recall 23V-905 for certain MY 2016-2018 Ford Focus and 2018-2022 Ford EcoSport vehicles. The recall remedy provides the replacement of the oil pump drive belt tensioner assembly and oil pump drive belt with redesigned parts to improve robustness.

In view of the recall action being taken by Ford, ODI is closing this Preliminary Evaluation. The agency reserves the right to take additional action if warranted by future circumstances. To review the reports cited in the Closing Resume ODI Report Identification Number document, go to [NHTSA.gov](https://www.nhtsa.gov).