



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

OFFICE OF DEFECTS INVESTIGATION

ODI RESUME

Investigation: DP26011
Prompted By: Defect Petition
Date Opened: 10/23/2026
Investigator: Jason Williams **Reviewer:** Joshua Neff
Approver: Tanya Topka
Subject: Camshaft and Lifter Failure in Ford 7.3L Gasoline Engines

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: Ford Motor Company
Products: 2021-2022 E-350, 2021 F59, 2021 F-750
Population: 54,787 (Estimated)
Problem Description: Engine failure may result in a loss of motive power, increasing the risk of a crash.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	EWR D&I	Other	Total	EWR Field Reports
All Incidents:	1	0	0	0	1	0
Crashes/Fires:	0	0	0	0	0	0
Injury Incidents:	0	0	0	0	0	0
Number of Injuries:	0	0	0	0	0	0
Fatality Incidents:	0	0	0	0	0	0
Number of Fatalities:	0	0	0	0	0	0

ACTION/SUMMARY INFORMATION

Action: Open Defect Petition

Summary:

The Office of Defects Investigation (ODI) received a petition on June 13, 2026, requesting an investigation into camshaft and lifter failures in Ford 7.3L gasoline engines used in 2021-2022 Ford E-350 and 2021 Ford F59 and F-750 vehicles.

The Petitioner alleges that insufficient oil lubrication at low idle (~6 psi) causes severe wear on lifter rollers and camshaft lobes, leading to catastrophic engine failure and sudden loss of motive power while driving at highway speeds with little to no warning. The petition further alleges that Ford Motor Company was aware of the root cause and released a software calibration patch raising idle speed to ~1,000 RPM, but failed to initiate a public safety recall or notify vehicle owners.

The petition itself can be reviewed at [NHTSA.gov](https://www.nhtsa.gov) under ODI number 11764421.

This defect petition has been opened to evaluate the issue and determine whether to grant or deny the petition.