



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

ODI RESUME

OFFICE OF DEFECTS INVESTIGATION

Investigation: PE25008

Prompted By: VOQ Review, RQ24013

Date Opened: 08/20/2025

Investigator: Richard Lawrence

Reviewer: Sharon Yukevich

Approver: Tanya Topka

Subject: Engine failure

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: Honda (American Honda Motor Co.)

Products: 2018-2020 Acura TLX, 2016-2020 Acura MDX, 2016-2020 Honda Pilot, 2018-2020 Honda Odyssey, and 2017-2019 Honda Ridgeline

Population: 1,410,806 (Estimated)

Problem Description: Failure of connecting rod bearings leading to complete engine failure.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	EWR D&I	Other	Total	EWR Field Reports
All Incidents:	414	2,598	0	0	3,012	0
Crashes/Fires:	4	3	0	0	7	0
Injury Incidents:	0	0	0	0	0	0
Fatality Incidents:	0	0	0	0	0	0

ACTION/SUMMARY INFORMATION

Action: Open Preliminary Evaluation.

Summary:

The Office of Defects Investigation (ODI) has received 414 reports of connecting rod bearing failures in the 3.5L V6 engine used in the following vehicles: Model Years (MY) 2018-2020 Acura TLX, MY2016-2020 Acura MDX, MY2016-2020 Honda Pilot, MY2018-2020 Honda Odyssey, and MY2017-2019 Honda Ridgeline. The subject engine failures were analyzed as part of a Recall Query (RQ24013). It was determined that these engine failures are outside the scope of Honda Recall 23V-751. Further, evidence gathered in conjunction with RQ24013 does not suggest this failure is caused by the same crankshaft manufacturing defect that is addressed by Honda in Recall 23V-751. Based on analysis of data from RQ24013, NHTSA has closed that investigation. The significant number of reports of engine failure in vehicles outside the scope of RQ24013 presents a potential safety risk that warrants further investigation. ODI is opening this

Preliminary Evaluation (PE) to further evaluate the scope and severity of the potential problem and to fully assess the potential safety-related issues. To review the ODI reports cited in the Opening Resume ODI Report Identification Number document, go to [NHTSA.gov](https://www.nhtsa.gov).