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

OFFICE OF DEFECTS INVESTIGATION

ODI RESUME

Investigation: DP24001
Prompted By: Defect Petition
Date Opened: 02/08/2024 **Date Closed:** 05/16/2024
Investigator: David Engel **Reviewer:** Peter Kivett
Approver: Tanya Topka
Subject: 3.3L Engine Loss of Motive Power (LOMP)

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: Hyundai Motor America
Products: MY 2017 Hyundai Santa Fe
Population: 60,049 (Estimated)

Problem Description: The petition cites allegations of a loss of motive power.

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: Petition is denied; close this Defect Petition.

Summary:
The Office of Defects Investigation (ODI) received a petition on February 2, 2024, requesting a defect investigation into an alleged defect of the "engine" on the following vehicle model: 2017 Hyundai Santa Fe vehicles equipped with the 3.3L V-Shaped GDI Lambda-II engines. The petition cites allegations of a loss of motive power, often resulting in an engine seizure. The stall is

preceded by a knocking sound, decreased performance and no warning lights.

An analysis of the subject vehicle population was undertaken using complaints submitted to ODI along with manufacturer data. It was determined that the frequency of events is low for the subject population, while those that specifically report a loss of motive power event have a high mileage at the time of incident. The 2017 Santa Fe is equipped with a service interval reminder for the consumer that must be set by the consumer themselves or at a dealership. A Technical Service Bulletin (19-EM-002H) instructs the dealership to set the maintenance reminder at the completion of routine maintenance service or anytime a repair is performed that requires new engine oil. This maintenance reminder will help reinforce the need for proper oil maintenance intervals. Additionally, the Santa Fe vehicles with 3.3L V-shaped Lambda-II engines will be added to Hyundai's existing Technical Service Bulletin (23-EM-007H) related to combustion chamber cleaning. These actions will help limit negative consumer incidents related to loss of motive power. Lastly, Hyundai has extended the limited engine warranty for MY 2013-2019 Santa Fe vehicles equipped with 3.3L V-shaped Lambda-II engines included in the Petition. The updated coverage is 15 years, or 150,000 miles and details are contained in Technical Service Bulletin 24-EM-003H.

In view of the service interval reminder, combustion chamber cleaning, and extended warranty actions being taken by Hyundai, ODI is denying this Defect Petition. The agency reserves the right to take additional action if warranted by future circumstances. To review the report cited in the Closing Resume ODI Report Identification Number document, go to NHTSA.gov.