



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

ODI RESUME

Investigation: RQ 22-003
Date Opened: 08/08/2022
Investigator: Arnaldo Torres Diaz **Reviewer:** Peter Kivett
Approver: Stephen Ridella
Subject: Seat Belt Pretensioners May Rupture

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: Hyundai Motor America, Kia America, Inc.
Products: 2020-2022 Hyundai/Kia Multiple Vehicle Models
Population: 275,000 (Estimated)
Problem Description: The front driver and/or passenger-side seat belt pretensioners are a pyrotechnic type pretensioner that may abnormally deploy and rupture, releasing shrapnel during a crash.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	0	3	3
Crashes/Fires:	0	TBD	TBD
Injury Incidents:	0	3	3
Number of Injuries:	0	TBD	TBD
Fatality Incidents:	0	TBD	TBD
Number of Fatalities:	0	TBD	TBD

ACTION / SUMMARY INFORMATION

Action: A Recall Query has been opened.

Summary:

The Office of Defects Investigation (ODI) is opening this Recall Query (RQ) on model year (MY) 2020-2022 Hyundai/Kia vehicles based on allegations of seatbelt pretensioners that may rupture and/or explode. ODI learned that Samsung is the supplier of the pretensioners and in the event a pretensioner defectively ruptures, it can release shrapnel resulting in abrasions or other injuries.

This investigation will initially incorporate MY 2021 Hyundai Elantra/Elantra HEV; MY 2021 Hyundai Venue vehicles; MY 2021 Genesis GV80; MY 2022 Genesis GV70 vehicles; MY 2020-2021 Hyundai Accent vehicles; MY 2022 Hyundai Elantra/Elantra HEV vehicles; MY 2022 Kia Sorento Hybrid/Sorento PHEV vehicles; MY 2021-2022 Hyundai Elantra vehicles; and MY 2020 Hyundai Accent vehicles. Additionally, ODI may expand the scope of the subject population during the investigation, if needed.

ODI is aware of 3 separate incidents exhibiting allegations of faulty seatbelt pretensioners. In all three incidents, the driver-side seat belt pretensioner deployed abnormally, causing metal fragments to enter the rear cabin resulting in injuries to the rear occupants. Currently the failure mechanism and contributing factors remain unclear to ODI.

From October 14, 2021 to April 1, 2022, Hyundai and Kia have issued five separate recalls concerning pretensioner ruptures (21V-796, 22V-069, 22V-123, 22V-127 and 22V-218). Due to the serious nature of the failures and multiple safety recalls issued, ODI has opened this Recall Query to better understand the scope and remedy of the recalls issued to date.