



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

ODI RESUME

OFFICE OF DEFECTS INVESTIGATION



Investigation: AQ23002
Prompted By: 16 Hyundai and Kia Recalls
Date Opened: 11/17/2023
Investigator: Choon Lee **Reviewer:** Alexander Ansley
Approver: Tanya Topka
Subject: Hyundai and Kia ABS Module Fires

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: Mando America Corporation
Affected Manufacturers: Hyundai Motor America / Kia America, Inc.
Products: Various Hyundai and Kia vehicles
Population: 6,383,145

Problem Description: To review the 16 Hyundai and Kia recalls conducted since 2016, involving 6,383,145 vehicles for potential ABS module fires.

ACTION/SUMMARY INFORMATION

Action: Open Audit Query (AQ)

Summary:

The Office of Defects Investigation (ODI) has received eight Hyundai Motor America (Hyundai) and eight Kia America, Inc. (Kia) Part 573 Recall Reports between 2016 and 2023. The combined 16 safety recalls all involve the antilock braking system (ABS) modules or Hydraulic Electronic Control Units (HECU) manufactured by the equipment supplier Mando. The Part 573 Recall Reports contain varying defect descriptions and differing remedy descriptions for the same or similar equipment supplied by Mando.

Safety recalls included in this Audit Query (AQ) review include:

Hyundai recalls 20V-520, 20V-543, 21V-161, 21V-160, 21V-303, 22V-056, 22V-810, and 23V-651.

Kia recalls 16V-815, 20V-518, 20V-519, 21V-137, 21V-331, 22V-051, 22V-800, and 23V-652

The purpose of this AQ is to evaluate the timeliness and scoping of Hyundai and Kia's defect decision making and adherence with reporting requirements; and understand the varying defect descriptions and remedies between these recalls.