



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

ODI RESUME

Investigation: PE 05-035
Date Opened: 06/28/2005 Date Closed: 10/19/2005
Principal Investigator: Mark Swanson
Subject: Electrical fire

Manufacturer: Kia Motors America, Inc.
Products: 2003 Kia Sedona
Population: 51,515

Problem Description: Complaints allege vehicle caught fire while parked with ignition off.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	9	10	19
Crashes/Fires:	0	0	0
Injury Incidents:	0	0	0
# Injuries:	0	0	0
Fatality Incidents:	0	0	0
# Fatalities:	0	0	0
Other*:	0	2	2

*Description of Other: Warranty

Action: This investigation is closed. Kia is conducting a safety recall (NHTSA recall number 05 V463).

Engineer: Mark B. Swanson MBS

Date: 10/19/2005

Div. Chief: Thomas Z. Cooper

Date: 10/19/2005

Office Dir.: Kathleen C. DeMeter

Date: 10/19/2005

Summary: By letter dated October 4, 2005, Kia notified the agency that it is conducting a safety recall (NHTSA recall no. 05V463) involving all model year (MY) 2002, 2003 Kia Sedona EX vehicles and certain MY 2004 Kia Sedona EX vehicles. Kia's recall covers 74,276 vehicles. Kia reports that fires were caused by wiring under front seats being misrouted; this allowed the wire to be pinched by metal seat components. Over time, the short in the wiring under the seat causes overheating of components in the fuse box (located under the driver side instrument panel). Specifically, the circuit breaker diodes cycle on-off-on etc. and overheat. Kia will inspect vehicles for proper wire routing and install protective covering over certain metal parts under front seats. Dealers will also apply a label warning technicians not to remove the circuit breaker diodes which cannot be serviced but can be damaged by removal attempts. Based on Kia's safety recall action, this investigation is closed.

10/21/05