



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

ODI RESUME

Investigation: PE04-067
Date Opened: 09/24/2004 Date Closed: 01/27/2005
Principal Investigator: Scott Yon
Subject: Throttle Cable Binding

Manufacturer: Kia Motors America, Inc.
Products: MY 2002 - 2004 Kia Sedona
Population: 89,238 (vehicles recalled)

Problem Description: The throttle sticks or binds due to a throttle cable condition caused by water ingress into the cable housing and subsequent freezing.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	1	6	7
Crashes/Fires:	0	1	1
Injury Incidents:	0	0	0
# Injuries:	0	0	0
Fatality Incidents:	0	0	0
# Fatalities:	0	0	0
Other*:	0	89	89

*Description of Other: Warranty claims as of 1/6/2005 (including MY 2004)

Action: Close this Preliminary Evaluation - Recall 05V013 for model year (MY) 2002 and part of 2003.

Engineer: D. Scott Yon

Date: 01/27/2005

Div. Chief: Jeffrey L. Quandt

Date: 01/27/2005

Office Dir.: Kathleen C. DeMeter

Date: 01/27/2005

Summary: Kia provided information describing a water entry point at the rubber sealing boot located at the throttle body end of the throttle cable, advising that water could enter the cable sheath during normal vehicle operation. In low temperatures, the water freezes and may impede the movement of the throttle cable thereby preventing an open throttle from returning to the closed position. A stuck throttle could increase the risk of a crash.

To prevent water ingress, Kia increased the crimping force of the clamp installed on the rubber boot from 2 to 5 kilograms force. The action took place in April 2004 and occurred in connection with other changes to the throttle cable system. To remedy the vehicles built before this date (all of MY 2002 and part of 2003), Kia will conduct a safety recall to replace the defective cable with an improved component. Certain recalled vehicles will also have an additional clip installed to address a potential cable disengagement concern. See Kia's January 17, 2005 Part 573 letter for NHTSA Recall 05V013 (Kia Recall SC-042) for further information. No action is being taken on vehicles built after April 4, 2004.

VNJ
1/28/05