



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

ODI RESUME

Investigation: EA 07-001
Prompted By: Consumer Complaints
Date Opened: 01/22/2007
Principal Investigator: John Abbott
Subject: Fan Blade Cracking/Separation

Manufacturer: Kia Motors America, Inc.
Products: 2002 Kia Sportage
Population: 46,887

Problem Description: Cracks develop in the hub of the fan in the area between the blades resulting in blade separation.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	11	716	727
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	28	28

*Description of Other: Field Reports

Action: Open Engineering Analysis

Engineer: John Abbott *JAA*

Date: 01/22/2007

Div. Chief: Thomas Z. Cooper

Date: 01/22/2007

Office Dir.: Kathleen C. DeMeter

Date: 01/22/2007

Summary: The investigation of engine cooling fans in the subject vehicles was opened on September 21, 2006 as PE06-042. The basis for opening was 10 consumer reports alleging fan blade cracking and blade separation. Six of the reports indicated the separated fan blades caused damage to other engine compartment components.

Kia has provided additional consumer reports and information in its response to PE06-042. The investigation has been upgraded to an Engineering Analysis to continue to assess the consequence of fan blade separations in the subject vehicles.