



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

ODI RESUME

Investigation: PE04-065
Prompted By: IE04-063, EWR Field Report
Date Opened: 09/21/2004
Principal Investigator: Kyle Bowker
Subject: Rear Drum Brake Wheel Cylinder Leakage

Manufacturer: Kia Motors America, Inc.
Products: 2002 Kia Spectra
Population: 72,069 (Estimated)

Problem Description: Rear drum brake wheel cylinder leakage.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	0		
Crashes/Fires:	0		
Injury Incidents:	0		
# Injuries:	0		
Fatality Incidents:	0		
# Fatalities:	0		
Other*:	13		

*Description Of Other: One EWR field report from the manufacturer identifying 13 incidents.

Action: A Preliminary Evaluation has been opened.

Engineer: Kyle M. Bowker KB

Date: 09/21/2004

Div. Chief: Jeffrey L. Quandt

Date: 09/21/2004

Office Dir.: Kathleen C. DeMeter

Date: 09/21/2004

Summary: Kia's Early Warning Report to the agency for the first quarter of 2004 contained a field report that identified 13 incidents of rear drum brake wheel cylinder leakage in the subject vehicles. The field report states that diagnostic inspection of the brake system identified rear drum brake wheel cylinders that leaked hydraulic fluid onto the brake shoes allowing air to enter the system and cites potential safety concerns should the wheel cylinder fail.

A Preliminary Evaluation has been opened to assess the scope and safety consequences of the alleged defect.

KB

9-21-04