



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

## ODI RESUME

Investigation: PE 06-004  
Date Opened: 01/06/2006  
Principal Investigator: Kyle Bowker  
Subject: Front Suspension Ball Joint Separation

Manufacturer: DaimlerChrysler Corporation  
Products: 2004 Jeep Liberty  
Population: 172,484 (Estimated)

Problem Description: Alleged front suspension lower ball joint separation while driving.

### FAILURE REPORT SUMMARY

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

\*Description Of Other:

Action: A Preliminary Evaluation has been opened.

Engineer: Kyle M. Bowker KMB  
Div. Chief: Jeffrey L. Quandt  
Office Dir.: Kathleen C. DeMeter

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Summary: The Office of Defects Investigation (ODI) has received seven complaints on the subject vehicles that allege front suspension lower ball joint separation while driving. The complainants reported the following vehicle mileages at the time of the alleged ball joint separation: 25,000, 29,000, 39,321, 48,000, 48,582, 56,083, and 67,601 miles with an average failure mileage of 44,798 miles. The complaint trend is recent with all seven complaints received by ODI within the past six months and the two most recent complaints received within the past three weeks. A Preliminary Evaluation has been opened to assess the frequency, scope and safety consequences of the alleged defect.