



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

## ODI RESUME

Investigation: PE06-007  
Date Opened: 01/24/2006  
Principal Investigator: Scott Yon  
Subject: Front Spring Fracture

Manufacturer: Honda (American Honda Motor Co.)  
Products: 2000 - 2001 Honda Odyssey, Salt Belt States  
Population: 100,000 (Estimated)

Problem Description: Front suspension coil springs may fracture and puncture the adjacent tire.

### FAILURE REPORT SUMMARY

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

\*Description Of Other: Failure of both front springs on a complaint vehicle (different failure dates).

Action: A Preliminary Evaluation has been opened.

Engineer: D. Scott Yon

Div. Chief: Jeffrey L. Quandt

Office Dir.: Kathleen C. DeMeter

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Summary: The above vehicle population is an estimate of the number of vehicles residing in salt belt states; this number will be reviewed during the investigation.

ODI has received seven Vehicle Owner Questionnaires (reports) of front coil spring breakage in model year 2000 to 2001 Honda Odyssey vehicles. Two reports allege that an adjacent front tire was punctured by the fractured spring after it failed with the vehicle in motion. One report alleges that smoke appeared from the front of the vehicle due to the broken spring contacting the tire while the vehicle was in motion. Another report alleges the collapse of the suspension system caused the vehicle to veer into an oncoming lane of traffic, and that a few days later the spring on the other side of this vehicle also fractured. Seven (7) of the spring failures occurred at odometer readings between 50,000 and 60,000 miles. No crashes or injuries are reported.

A Preliminary Evaluation has been opened to determine the scope, frequency and safety consequences associated with the alleged fracture of the front coil springs.