



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

ODI RESUME

Investigation: PE 05-039
Date Opened: 07/13/2005 Date Closed: 11/14/2005
Principal Investigator: John Abbott
Subject: Engine Cooling Fan Blade Failure

Manufacturer: DaimlerChrysler Corporation
Products: 2002 Jeep Grand Cherokee with 4.0 I6 Engine
Population: 132,000

Problem Description: Separation of the blades from the engine's electric motor driven cooling fan

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	16	105	121
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	333	333

*Description of Other: Warranty reports

Action: Upgrade To Engineering Analysis EA05-020

Engineer: John Abbott JFA
Div. Chief: Thomas Z. Cooper
Office Dir.: Kathleen C. DeMeter

Date: 11/14/2005
Date: 11/14/2005
Date: 11/14/2005

Summary: This investigation was opened on July 13, 2005, based on four ODI consumer reports. ODI contacted all of those complainants and each of them reported that pieces of the broken fan blade had damaged the radiator and penetrated through the protective fan shroud. Since opening the investigation, ODI has received 12 new consumer reports.

In its response to ODI's preliminary evaluation information request DaimlerChrysler Corporation provided additional owner reports and warranty data.

This Preliminary Evaluation has been upgraded to Engineering Analysis EA05-020 to further study the issues regarding the alleged fan failures.

JFA
11/15/05