



May 5, 2009

Mr. Daniel C. Smith  
Associate Administrator for Enforcement  
National Highway Traffic Safety Administration  
1200 New Jersey Avenue, SE  
West Building, Fourth Floor  
Washington, D.C. 20590



Dear Mr. Smith:

This document updates the Chrysler LLC ("Chrysler") Defect Information Report for recall F25 (NHTSA recall 06V199) submitted to you on June 20, 2006.

Based on additional field input that has been received, the inclusive date of manufacture for the 2002 model year Jeep Grand Cherokee vehicles affected has been extended to June 30, 2002. Accordingly, the estimated volume for the affected 2002 model year vehicles will increase by approximately 6,604 vehicles.

Chrysler expects to begin national notification of this expansion to both dealers and owners in June of 2009.

Sincerely,

A handwritten signature in black ink, appearing to read "Lawrence J. Sak".

Lawrence J. Sak

Enclosure: Defect Information Report for Chrysler LLC Recall F25

cc: K.C. DeMeter, NHTSA  
Division of Occupational Safety & Health  
California Department of Industrial Relations

## DEFECT INFORMATION REPORT FOR CHRYSLER LLC RECALL F25

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**Submission date:** May 5, 2009

**Identifying classification of additional vehicles potentially affected that will be added to previous Chrysler safety recall F25 (NHTSA recall 06V199):**

Make	Model	Model Year	Inclusive Dates of Manufacture	Vehicle Volume (estimated)	Other
Jeep	Grand Cherokee	2002	June 18 - 30, 2002	6,604	4.0L Engine

**Estimated percentage containing defect:** Unknown

### **Description of defect:**

The plastic blades of the electric motor driven cooling fan may separate and penetrate the shroud. If this occurs while the hood is open, a person in the vicinity of the engine could be struck by the blade and injured.

**The name, address and telephone number of the supplier who manufactured the subject components:**

Robert Bosch Corporation  
38000 Hills Tech Drive  
Farmington Hills, Michigan 48331  
(248) 876-2966

### **The following chronology of principal events led to the determination of a defect:**

- In August of 2006, Chrysler safety recall F25 (NHTSA recall 06V199) involving some 2000 and 2002 model year Jeep Grand Cherokee vehicles was launched to replace the electric motor driven cooling fan due to complaints of fan blade fracture and separation.
- This item was the subject of NHTSA investigation PE05-039 / EA05-020. During the investigation, it was determined that the complaints were occurring on vehicles built during two distinct time periods in the 2000 and 2002 calendar years. At that time there were no other periods of time or other vehicles using the same fan with any significant input.
- Returned parts were shown to demonstrate poor bonding of fan blade glass fibers, which may be attributable to the injection molding process. A review of processing documents and records made available by the fan supplier found no causal factors for this issue. Survey parts from subject vehicles built within the suspect time frame demonstrated a decrease in durability performance versus control samples.
- Although no root cause for the fan blade fracture and separation was determined, based on the level of compliant data a decision was made to perform a safety recall. The scope for the recall was based on the field data, and was agreed to by NHTSA and Chrysler.
- In 2009, a small number of reports alleging fan blade separation in some 2002 model year Jeep Grand Cherokee vehicles just outside the scope of recall F25 were observed. Investigation determined that these were all built in the approximate two week period

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- adjacent to the 2002 calendar year subject vehicle build dates for Chrysler recall F25.
- A review of all available field data worldwide indicated approximately 30 total reports from this same period that may be related. There were no other periods of time with any significant input. None of these reports alleged injury.
- This information was presented to the Chrysler Vehicle Regulations Committee on April 28, 2009 who decided to expand the scope of Chrysler recall F25 by approximately 6,604 vehicles built between June 18, 2002 and June 30, 2002.

### **Statement of measures to be taken to correct defect:**

Chrysler will expand prior safety recall F25 (06V199) to replace the electric cooling fan modules on these additional vehicles that may be affected. Chrysler expects to initiate national notification to both dealers and owners in June of 2009.

Chrysler has a longstanding policy and practice of reimbursing owners who have incurred the cost of repairing a problem that subsequently becomes the subject of a field action. To ensure consistency, Chrysler, as part of the owner letter, will request that customers send original receipt and/or other adequate proof of payment to the company for confirmation of the expense.