

**DAIMLERCHRYSLER**

*Speth*

DaimlerChrysler Corporation

Stephan J. Speth

Director

Vehicle Compliance & Safety Affairs

March 23, 2006

Mr. Jeffrey Quandt  
Office of Defects Investigation  
National Highway Traffic Safety Administration  
U.S. Department of Transportation  
400 Seventh Street, SW  
Washington, D.C. 20590

Reference: NVS-213swmc; PE05-056 Follow-Up Questions

Dear Mr. Quandt,

Enclosed is the updated summary of the additional information requested per the recent phone conversation with your office, for PE 05-056. By providing the information contained herein, DCC is not waiving its claim to attorney work product and attorney-client privileged communications.

Sincerely,

*S.J. Speth*  
Stephan J. Speth

Enclosures

Cc: S. McHenry

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**Q1) Resubmit warranty information to include technical narratives.**

**Ans:** Revised disc including technical narratives, sent Thursday 2/23/2006.

**Q2) Quantify failure codes to individual LOP's.**

**Ans:** 555 Warranty claims submitted in response to PE05-056 Question #3 on January 20, 2006 were claims for all failure codes associated with the 5 applicable Labor Operation Codes. Only 7 of the 17 failure codes may be associated with the alleged condition (these 7 are highlighted in the chart below and total 343 claims.

	19208100	19208300	19201200	19201203	19850100	Total Applicable Warranty Claims
07	1	31	0	0	0	
11	0	4	5	48	2	
27	0	0	0	0	1	
51	0	50	38	0	0	88
52	0	0	0	0	2	
54	0	0	0	0	18	18
64	2	16	0	0	0	
3R	0	3	0	0	0	3
FA	0	1	1	0	0	2
FC	0	1	1	0	0	
FD	0	0	4	0	0	4
FG	2	12	10	10	0	34
G8	0	2	0	0	0	
NA	6	33	7	38	0	
TM	0	6	0	0	0	
UG	4	63	54	59	14	194
UR	0	2	2	3	0	

**TOTAL APPLICABLE CLAIMS**

**343**

The chart below illustrates the 17 failure codes and their description.

Failure Code	Description	Failure Code	Description
07	Binds, Sticks, Seizes	FC	Broken or Cracked
11	Broken or Cracked	FD	Fastener Missing
27	Damaged	FG	Fastener Loose/Improperly Installed
51	Improperly Installed	G8	Shifter Assembly Defect
52	Improperly Machined	NA	Tape Self Reverses
54	Improperly Assembled	TM	Tilt Mechanism Defect
64	Misaligned/Mismatched	UC	Uncodable
3R	High/Low Operating Effort	UR	Containment Repair
FA	Stripped		

**Q3) Describe the loc-tite application used on the bolt.**

**Ans:** The specific lock-tite used for the applications in question is ND Epoxy Lock and Blue 593 Micro. Both of these adhesives react to the same curing times of initial time being minutes and continuing for up to 72 hours. The difference between the two epoxy adhesives is that the ND Epoxy Lock is a two part patch application and the Blue 593 Micro is applied 360 degrees around the bolt. Both are activated by contact with the mating thread pattern. The chart below specifies the application for production and which adhesive is utilized.

<b>Part Number</b>	<b>Model</b>	<b>Application</b>	<b>Adhesive</b>
06506950AA	HB	Upper to lower column Shaft to Gear	ND Epoxy Lock
06597338AA	ND & HB	Shaft to Column Upper to Lower Shaft	Blue 593 Micro
06507532	ND & HB	Steering wheel to Column	ND Epoxy Lock

**Q4) a) What is the delay in time from the production line to the repair area for intermediate shaft issues, b) and how many reported vehicles had fastener repairs at the plant during the suspect period?**

**Ans:** The delay time from the production line to repair for the intermediate shaft is 10 minutes for both Newark Assembly Plant and Warren Truck Assembly Plant.

Plant information for fastener repair history is only locally available for 30 days. After 30 days the data is backed up to tape. To obtain archive information requires the involvement of IT (Information Technology). The data needs to be obtained off of an archive tape which is a timely procedure but is being done as quickly as possible. Currently, the plant personnel are working with IT to accomplish this task. The request does involve programming.



Q6) Provide warranty history on the following 3 VINs, 5F [REDACTED] 5F [REDACTED] 5S253245.

Ans: VIN 5S [REDACTED] does not have any warranty history reported. There is no warranty information in the DCC system relating to the alleged condition noted in the field report.

The following charts illustrate the warranty history on VINs 5F [REDACTED] and 5F [REDACTED]

**VIN 5F [REDACTED]**

Mileage	Warranty Reported
6,749	Oil, Filter, Radio Replaced
7,209	Radio Replaced
13,560	Oil, Filter
19,380	Oil, Filter
24,137	Oil, Filter, Hose
24,556	Oil, Gasket

**VIN 5F [REDACTED]**

Mileage	Warranty Reported
2	Gear Ass'y, Oil
277	Gear Ass'y Repair, Disc Brake
3,500	Battery, Wheel, Radio
4,726	Radio Replaced
5,588	Wheel Mount, Oil, Filter
12,439	Oil, Filter, Wheel Nut