



November 7, 2007

07V-521
(2 pages)

Mr. Daniel C. Smith
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
Recall Management Division (NVS-215)
1200 New Jersey Avenue, SE – Room W45-306
Washington, D.C. 20590

Dear Mr. Smith:

The following information is submitted pursuant to the requirements of 49 CFR 573.6 as it applies to a determination by General Motors of a safety defect involving certain 2001 model year Chevrolet Silverado and GMC Sierra vehicles.

573.6(c)(1): Chevrolet and GMC Brands of General Motors Corporation

573.6(c)(2)(3)(4): This information is shown on the attached sheet.

573.6(c)(5): General Motors has decided that a defect, which relates to motor vehicle safety, exists in certain 2001 model year Chevrolet Silverado and GMC Sierra model vehicles, equipped with an 8.1L V8 (RPO L18 – VIN G) engine. Variations in the crankshaft position sensor manufacturing process caused an elevated rate of incidents of intermittent or inoperative sensors. If the sensor operates intermittently, the SES light may illuminate and the vehicle may run rough. In addition, the engine may stall, and if so, may re-start immediately or after a cool down period. If the sensor becomes inoperative permanently, the engine will quit running and will not re-start.

573.6(c)(6): In May 2006, NHTSA opened a preliminary evaluation and in September 2006, it opened an engineering analysis.

On December 22, 2006, GM provided NHTSA additional information related to a customer survey.

On April 30, 2007, GM provided NHTSA with an updated field report and warranty data. On September 6, 2007, GM and NHTSA had a technical review.

The issue was presented to the Field Performance Evaluation Review Committee and on October 31, 2007, the Executive Field Action Decision Committee decided to conduct a safety recall.

573.6(c)(8): Dealers are to replace the crankshaft position sensor.

Pursuant to 577.11(e), GM will provide reimbursement to owners for repairs completed on or before ten days after the owner mailing is completed, according to the plan submitted on January 8, 2007.

573.6(c)(9): GM will provide copies of the dealer bulletin and owner letter when available. GM will release the dealer bulletin and mail owner letters in December 2007.

Sincerely,

Gay P. Kent
Director

Product Investigations

06083
Attachment

RECEIVED

2007 NOV-7 A 10:35

Product Investigations

Mail Code: 480-210-G11 • 30001 Van Dyke • Warren, MI 48090-9020
573 Letter 06083.doc

DEFECTS INVESTIGATION
RECALL MGMT DIV.

573.6(c)(2),(3),(4)

VEHICLES POTENTIALLY AFFECTED BY MAKE, MODEL, AND MODEL YEAR
PLUS INCLUSIVE DATES OF MANUFACTURE

<u>MAKE</u>	<u>MODEL SERIES</u>	<u>MODEL YEAR</u>	<u>NUMBER INVOLVED</u>	<u>INCLUSIVE MANUFACTURING DATES (FROM) (TO)</u>		<u>DESCRIPTIVE INFO. TO PROPERLY IDENT. VEH.</u>	<u>EST. NO. W/CONDITION</u>
Chevrolet	C/K Truck	2001	9,419	01/2000	11/2000	Silverado	*
GMC	C/K Truck	2001	2,555	01/2000	11/2000	Sierra	"
	GM Total:		11,974				

* All involved vehicles will be inspected and corrected as necessary.

06083