



05V-379
(3 pages)

August 29, 2005

Mr. Ronald Medford
Senior Associate Administrator, Vehicle Safety
National Highway Traffic Safety Administration
400 Seventh Street, S.W., Room 5321
Washington, D.C. 20590

DEFECT INVESTIGATION

2005 AUG 29 P 1:46

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08-29-05

Dear Mr. Medford:

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 1999-2002 model year Chevrolet Silverado, Tahoe, Suburban, and Avalanche and GMC Sierra, Yukon and Yukon XL model vehicles.

573.6(c)(1): Chevrolet and GMC Divisions 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 certain 1999-2002 model year Chevrolet Silverado, Tahoe, Suburban, and Avalanche and GMC Sierra, Yukon and Yukon XL model trucks may experience unwanted antilock brake system (ABS) activation and increased stopping distances during low-speed brake applications (greater than 3.7 mph but less than 10 mph). This condition does not set any ABS codes nor does it illuminate the ABS warning lamp. This condition is more likely to occur in environmentally corrosive areas, based on field report data from the US and Canada.

573.6(c)(6): On November 18, 2004, certain 1999-2002 model year C/K pickups and utilities were recalled due to elevated incident rates in the Canadian "rust belt" provinces. The vehicles affected were sold in Ontario, Quebec, New Brunswick, Nova Scotia, Prince Edward Island, Newfoundland, and Labrador. The US rates were analyzed and determined to be significantly lower than that of Canada. In November 2004, a part 579 letter was sent to the NHTSA notifying them of a foreign safety recall.

On April 28, 2005, the NHTSA Office of Defect Investigations (ODI) announced they were investigating the same issue in the United States. The ODI stated that they had received 120 complaints of unwanted low speed ABS activation from customers living in the US "rust belt" states.

On June 24, 2005, GM responded to PE05-020 / GM679. GM determined that certain 1999-2002 model year C/K pickups and utilities in some of the US "rust belt" states experienced an elevated rate of customer incidents of unwanted antilock brake system (ABS) activation during low-speed brake applications.

The issue was presented to the Field Performance Evaluation Review Committee (FPERC) and on August 24, 2005, the Executive Field Action Decision Committee (EFADC) decided to conduct a safety recall.

573.6(c)(8): Dealers are to remove the wheel speed sensor and thoroughly clean the wheel speed sensor mounting surface on the bearing, apply Zinc-X (rust inhibitor) to the cleaned surface, grease the mounting surface, reinstall the wheel speed sensor, and check the peak-to-peak output voltage to ensure the wheel speed signal is within specifications.

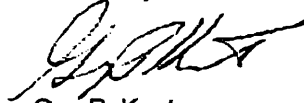


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Pursuant to 577.11(e), GM will provide reimbursement to owners for repairs completed on or before ten days after the owner mailing is completed, according to the plan submitted on January 14, 2005.

573.6(c)(9): GM will provide copies of the dealer bulletin and owner letter, along with mail dates when available.

Sincerely,



Gay P. Kent
Director

Product Investigations

05068
Attachments

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 | 1999 | | | Silverado, Tahoe, Suburban, Avalanche | All |
| Chevrolet | C/K | 2000 | | | Silverado, Tahoe, Suburban, Avalanche | " |
| Chevrolet | C/K | 2001 | | | Silverado, Tahoe, Suburban, Avalanche | " |
| Chevrolet | C/K | 2002 | | | Silverado, Tahoe, Suburban, Avalanche | " |
| GMC | C/K | 1999 | | | Sierra, Yukon, Yukon XL | " |
| GMC | C/K | 2000 | | | Sierra, Yukon, Yukon XL | " |
| GMC | C/K | 2001 | | | Sierra, Yukon, Yukon XL | " |
| GMC | C/K | 2002 | | | Sierra, Yukon, Yukon XL | " |

Estimated GM Total: 804,000

GM will provide the breakdown by make and model and the manufacturing dates as soon as available.

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