



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

1200 New Jersey Avenue SE  
Washington, DC 20590

*November 13, 2007*

GAY P. KENT  
DIRECTOR, PRODUCT INVESTIGATIONS  
STRUCTURE & SAFETY INTEGRATION  
GENERAL MOTORS CORPORATION  
30001 VAN DYKE – MAIL CODE 480-210-G11  
WARREN MI 48090-9055

NVS-215dgl  
07V-521

Subject: CRANKSHAFT POSITION SENSOR

Dear MS. KENT:

This letter is to acknowledge your recent defect information report. Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

**Makes/Models/Model Years:**  
CHEVROLET/SILVERADO/2001  
GMC/SIERRA/2001

**NHTSA Campaign Number:** 07V-521

**Mfg's Report Date:** November 7, 2007

**Components:** ENGINE AND ENGINE COOLING

**Potential Number of Units Affected:** 11,974

**Summary:**

ON CERTAIN PICKUP TRUCKS EQUIPPED WITH AN 8.1L V8 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. THE ENGINE MAY STALL, AND IF SO, MAY RE-START IMMEDIATELY OR AFTER A COOL DOWN PERIOD.

**Consequence:**

IF THE SENSOR BECOMES INOPERATIVE PERMANENTLY, THE ENGINE WILL QUIT RUNNING AND WILL NOT RE-START INCREASING THE RISK OF CRASH.

**Remedy:**

DEALERS WILL REPLACE THE CRANKSHAFT POSITION SENSOR FREE OF CHARGE. THE RECALL IS EXPECTED TO BEGIN DURING DECEMBER 2007. OWNERS MAY CONTACT CHEVROLET AT 1-800-630-2438 AND GMC AT 1-866-996-9463.

**Notes:**

GM RECALL NO. 06083. CUSTOMERS MAY ALSO CONTACT THE NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION'S VEHICLE SAFETY HOTLINE AT 1-888-327-4236 (TTY 1-800-424-9153), OR GO TO [HTTP://WWW.SAFERCAR.GOV](http://www.safercar.gov).

This recall was the subject of an Engineering Analysis, EA06-016, conducted by the Office of Defects Investigation.

Please provide the following additional information and be reminded of the following requirements:

You are required to submit a draft owner notification letter to this office no less than five days prior to mailing it to the customers. Also, copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

As stated in Part 573.7, submission of the first of six consecutive quarterly status reports is required within one month after the close of the calendar quarter in which notification to purchasers occurs. Therefore, the first quarterly report will be due on or before 30 days after the close of the calendar quarter.

Your contacts for this recall will be Pat Wallace or Delia Lopez, who may be reached by phone at 202-366-5232 or 202-366-9525 or by email at [Patricia.wallace@dot.gov](mailto:Patricia.wallace@dot.gov), [Delia.lopez@dot.gov](mailto:Delia.lopez@dot.gov), or through the office email at [RMD.ODI@dot.gov](mailto:RMD.ODI@dot.gov). We look forward to working with you for successful completion of this recall campaign.

Sincerely,



George H. Person  
Chief, Recall Management Division  
Office of Defects Investigation  
Enforcement