



U.S. Department  
of Transportation

400 Seventh Street, SW  
Washington, DC 20590

**National Highway  
Traffic Safety  
Administration**

FEB 9 2005

GAY KENT  
GENERAL MOTORS CORP.  
MAIL CODE 480-111-E15 30200 MOUND ROAD  
WARREN MI 48090-9055

NVS-215  
05V-043

Subject: GM/BOSCH/HYDRO-BOOST/HYDRAULIC BRAKE

Dear MS. KENT:

This letter is to acknowledge your recent defect or noncompliance information report. Please review the following information to ensure that it conforms to your records.

**Makes/Models/Model Years:**

CHEVROLET/AVALANCHE/2004-2005  
CHEVROLET/EXPRESS/2004-2005  
CHEVROLET/KODIAK/2004-2005  
CHEVROLET/SILVERADO/2004-2005  
CHEVROLET/SUBURBAN/2004-2005  
GMC/SAVANA/2004-2005  
GMC/SIERRA/2004-2005  
GMC/TOPKICK/2004-2005  
GMC/YUKON XL/2004-2005  
HUMMER/H2/2004-2005

**NHTSA Campaign Number:** 05V-043

**Recall Date:** February 04, 2005

**Components:**

SERVICE BRAKES, HYDRAULIC

**Potential Number of Units Affected:** 155,465

**Summary:**

CERTAIN TRUCKS, SPORT UTILITY VEHICLES, AND VANS EQUIPPED WITH BOSCH HYDRO-BOOST BRAKE ASSEMBLIES, THE HYDRAULIC BRAKE BOOSTER PRESSURE ACCUMULATOR MAY CRACK AND SEPARATE FROM THE HYDRO-BOOST ASSEMBLY DURING NORMAL OPERATING CONDITIONS.

**Consequence:**

IF A SEPARATION OCCURRED AND THE HOOD OF THE VEHICLE WERE OPEN, FRAGMENTS FROM THE ACCUMULATOR COULD CAUSE INJURY TO PEOPLE IN THE IMMEDIATE AREA. THE PRESENCE OF THIS CRACK OR FRACTURED SURFACE COULD ALLOW THE HYDRAULIC FLUID TO LEAK FROM THE ACCUMULATOR CIRCUIT OF THE BOOSTER ASSEMBLY. THE LOSS OF FLUID WOULD CAUSE INCREASED STEERING AND BRAKING EFFORT AND A CRASH MAY OCCUR WITHOUT PRIOR WARNING.

**Remedy:**

DEALERS WILL TEST THE HYDRO-BOOST ASSEMBLY FOR FUNCTIONAL OPERATION OF THE TWO-FUNCTION VALVE. IF THE HYDRO-BOOST ASSEMBLY FAILS THE TEST, DEALERS ARE TO REPLACE THE ASSEMBLY. THE RECALL IS EXPECTED TO BEGIN DURING MARCH 2005. OWNERS SHOULD CONTACT CHEVROLET AT 1-800-630-2438, GMC TRUCKS AT 1-866-996-9463 AND HUMMER AT 1-800-732-5493.

**Notes:**

GM RECALL NO. 05006. CUSTOMERS CAN ALSO CONTACT THE NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION'S AUTO SAFETY HOTLINE AT 1-888-327-4236.

Effective October 21, 2004, a manufacturer must provide an estimated dealer notification date as well as an owner notification date (month/day/year) when submitting a defect/noncompliance report (Part 573.6).

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 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).

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@nhtsa.dot.gov](mailto:patricia.wallace@nhtsa.dot.gov) or [delia.lopez@nhtsa.dot.gov](mailto:delia.lopez@nhtsa.dot.gov). We look forward to working with you for successful completion of this recall campaign.

Sincerely,



George H. Person  
Chief, Recall Management Division