



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

1200 New Jersey Avenue SE  
Washington, DC 20590

November 18, 2010

MR. ADAM KOPSTEIN  
MANAGER AUTOMOTIVE SAFETY AND COMPLIANCE  
VOLVO CARS OF NORTH AMERICA, LLC  
1 VOLVO DRIVE  
P.O. BOX 914  
ROCKLEIGH, NJ 07647

NVS-215dgl  
10V-566

**SUBJECT: 760 PORTABLE AUTOMOTIVE GPS UNITS/GARMIN**

**DEAR MR. KOPSTEIN:**

This letter serves to acknowledge Volvo Cars of North America, LLC's notification to the National Highway Traffic Safety Administration (NHTSA) of a safety recall campaign which will be conducted pursuant to Federal law for the vehicles listed below.

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:**

VOLVO/C30/2007-2010  
VOLVO/C70/2006-2010  
VOLVO/S40/2004-2010  
VOLVO/S60/2001-2009  
VOLVO/S80/2000-2010  
VOLVO/V50/2005-2010  
VOLVO/V70/2001-2010  
VOLVO/XC70/2001-2010  
VOLVO/XC90/2003-2010

**NHTSA Campaign Number:** 10V-566

**Mfg's Report Date:** November 5, 2010

**Components:** EQUIPMENT: ELECTRICAL: NAVIGATIONAL SYSTEM (GLOBAL POSITIONING SYSTEM)

**Potential Number of Units Affected:** 416

**Summary:**

VOLVO IS RECALLING CERTAIN VEHICLES EQUIPPED WITH GARMIN 760 PORTABLE GLOBAL POSITIONING SYSTEM (GPS) UNITS BECAUSE THE BATTERIES ON THOSE UNITS MAY OVERHEAT.

**Consequence:**

AN OVERHEATED BATTERY COULD LEAD TO A FIRE.

**Remedy:**

VOLVO ADVISES OWNERS TO PLEASE STOP USING THE GARMIN PORTABLE GPS DEVICE IMMEDIATELY, AND VISIT THE GARMIN WEBSITE TO DETERMINE IF THEIR UNIT IS AFFECTED. THE UNIT'S BATTERY WILL BE REPLACED WITH A NEW BATTERY AND A SPACER WILL BE INSERTED ON TOP OF THE BATTERY NEXT TO THE PCB. THIS SERVICE WILL BE PERFORMED FREE OF CHARGE. THE SAFETY RECALL IS EXPECTED TO BEGIN DURING NOVEMBER 2010. OWNERS MAY CONTACT GARMIN AT 866-957-1981 OR VISIT GARMIN'S WEBSITE AT [WWW.GARMIN.COM/NUVIBATTERYPCBRECALL](http://WWW.GARMIN.COM/NUVIBATTERYPCBRECALL).

**Notes:**

VOLVO SAFETY RECALL NO. R231. CUSTOMERS MAY 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).

The information in your defect report appears to satisfy the requirements of 49 CFR 573.6.

We have reviewed your proposed owner notification letter and the following corrections are required:

1. Volvo has made a decision that its vehicles contain a safety defect due to the Garmin battery. Please change the beginning of your letter to reflect that decision by replacing "Garmin has decided . . ." with "Volvo has decided certain [insert identification of Volvo products] contain a safety defect. You may then proceed to identify that the defect in the vehicles is due to installation of the Garmin battery.
2. Under "*The reason for the Garmin Recall:*" delete the statement: "in rare circumstances." This message may undermine Volvo's direction to owners to stop using their Garmin portable GPS device immediately due to the risk of fire.

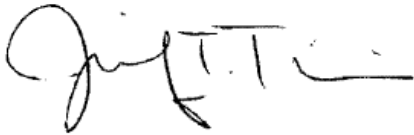
Please provide the following additional information and be reminded of the following requirements:

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 contact for this recall will be Delia Lopez who may be reached by phone at 202-366-9525, or by email at [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 toward a successful completion of this recall campaign.

Sincerely,

A handwritten signature in black ink, appearing to read "Jennifer Timian". The signature is fluid and cursive, with a long horizontal stroke at the end.

Jennifer Timian  
Chief, Recall Management Division  
Office of Defects Investigation  
Enforcement