



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

1200 New Jersey Avenue SE  
Washington, DC 20590

*January 30, 2008*

MR. ADAM KOPSTEIN  
MANAGER, AUTOMOTIVE SAFETY  
& COMPLIANCE  
VOLVO CARS OF NORTH AMERICA, LLC  
1 VOLVO DRIVE  
ROCKLEIGH, NJ 07647

NVS-215paw  
08V-033

Subject: PUMP ELECTRONIC MODULE

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 defect in the products described below for which a safety recall campaign shall be conducted pursuant to 49 U.S.C. § 30119.

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/S40/2004-2006  
VOLVO/V50/2004-2006

**NHTSA Campaign Number:** 08V-033

**Mfg's Report Date:** January 17, 2008

**Components:** FUEL SYSTEM: GASOLINE; DELIVERY; FUEL PUMP

**Potential Number of Units Affected:** 23,000

**Summary:**

ON CERTAIN VEHICLES SOLD IN OR CURRENTLY REGISTERED IN THE STATES OF CONNECTICUT, DELAWARE, ILLINOIS, INDIANA, IOWA, MAINE, MARYLAND, MASSACHUSETTS, MICHIGAN, MINNESOTA, MISSOURI, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, OHIO, PENNSYLVANIA, RHODE ISLAND, VERMONT, WEST VIRGINIA, WISCONSIN, AND THE DISTRICT OF COLUMBIA, REOCCURRING, LONG-TERM EXPOSURE TO CERTAIN ENVIRONMENTAL CONDITIONS SUCH AS SALTY-WET CONDITIONS, IT IS POSSIBLE FOR THE PUMP ELECTRONIC MODULE (PEM) TO BECOME CORRODED INTERNALLY. THIS CAN CAUSE A FAULTY SIGNAL TO THE FUEL PUMP, RESULTING IN LOW OR NO FUEL PRESSURE TO THE ENGINE.

**Consequence:**

IF THIS OCCURS, THE CHECK ENGINE LIGHT MAY ILLUMINATE. IN SOME CASES, THE VEHICLE MAY FAIL TO START OR MAY STALL, INCREASING THE RISK OF A CRASH.

**Remedy:**

DEALERS WILL REPLACE THE PEM AND INSTALL IT IN A NEW LOCATION TO PREVENT CORROSION. THE MANUFACTURER HAS NOT YET PROVIDED AN OWNER NOTIFICATION SCHEDULE FOR THIS CAMPAIGN. OWNERS MAY CONTACT VOLVO AT 1-800-458-1552.

**Notes:**

VOLVO RECALL NO. 190. 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).

The information in your defect report appears to satisfy the requirements of 49 CFR 573.6 except for the following items:

You are required to provide an estimated date including month, day, and year, when you will send notifications to owners, dealers, and distributors as soon as it becomes available.

Please advise us of your plans to notify owners in the non-recall states.

Please 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 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,

A handwritten signature in black ink, appearing to read "G. Person", written in a cursive style.

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