



U.S. Department  
of Transportation

1200 New Jersey Avenue, SE.  
Washington, DC 20590

**National Highway  
Traffic Safety  
Administration**

*June 6, 2007*

ADAM KOPSTEIN  
MANAGER, AUTOMOTIVE SAFETY  
AND COMPLIANCE  
VOLVO CARS OF N.A. LLC.  
1 VOLVO DRIVE  
ROCKLEIGH NJ 07006

NVS-215dgl  
07V-226

Subject: FUEL PRESSURE SENSOR

Dear MR. KOPSTEIN:

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:**

VOLVO/S60/2003-2004  
VOLVO/V70/2003-2004

**NHTSA Campaign Number:** 07V-226

**Mfg's Report Date:** May 24, 2007

**Components:** ENGINE AND ENGINE COOLING

**Potential Number of Units Affected:** 38,700

**Summary:**

ON CERTAIN PASSENGER VEHICLES, THE FUEL PRESSURE SENSOR LOCATED ON THE LEFT END OF THE FUEL RAIL MAY, AT TIMES, TRANSMIT INCORRECT SIGNAL REGARDING THE FUEL PRESSURE TO THE ENGINE CONTROL MODULE. IF THE SIGNAL IS OUTSIDE OF THE PRE-PROGRAMMED ALLOWABLE LIMITS, A DIAGNOSTIC TROUBLE CODE MAY BE SET AND THE CHECK ENGINE LIGHT WILL COME ON. THE SOLDERED JOINTS ON THE CIRCUIT BOARD OF THE FUEL PRESSURE SENSOR MAY CRACK DUE TO TEMPERATURE CHANGES AND EXCESSIVE VIBRATIONS.

**Consequence:**

MISFIRE MAY OCCUR DURING DRIVING THAT IN TURN WILL REDUCE THE ENGINE TORQUE AND, IN THE WORST CASE SCENARIO, THE ENGINE MAY STALL WITHOUT WARNING. IN CERTAIN TRAFFIC SITUATIONS THIS COULD CAUSE AN UNSAFE SITUATION AND POSSIBLY A CRASH.

**Remedy:**

DEALERS WILL REPLACE THE FUEL PRESSURE SENSOR FREE OF CHARGE. 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. R181. 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).


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).

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.

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

Sincerely,



*for*

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