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DEFECTS INVESTIGATION  
RECALL MGMT DIV.

Volvo Cars of North America, LLC

Volvo Drive  
Rockleigh, NJ 07647  
201 768 7300  
www.volvocars.us

Adam Kopstein, Manager  
Automotive Safety & Compliance

January 18, 2008

08V-033  
(2 pages)

Daniel Smith, Associate Administrator Enforcement  
National Highway Traffic Safety Administration (NSA-01)  
1200 New Jersey Avenue, SE,  
West Building, Fourth Floor Washington, DC 20590.

Re: DEFECT INFORMATION REPORT

Dear Mr. Smith,

Pursuant to Part 573 of Title 49 of the Code of Federal Regulations, Volvo Cars of North America, LLC (Volvo) submits the following information concerning a safety recall program that it is voluntarily initiating.

- |                          |                             |
|--------------------------|-----------------------------|
| 1. Vehicle Manufacturer. | Designated Agent            |
| Volvo Car Corporation    | Volvo Cars of North America |
| Gothenburg, Sweden       | Rockleigh, N.J. 07647       |

2. Identification of Vehicles Involved

The vehicles involved in this Recall are certain Model Year 2004.5 through 2006 Volvo S40 and V50 vehicles. The assembly plants and inclusive dates of manufacture are listed in the chart below; There are approximately 82,000 vehicles Globally, and approximately 23,000 vehicles located within the corrosive (Recall States) within the U.S.; please note that the vehicle chassis numbers reflect global production and not only vehicles available for sale in the United States, that information is available in #3.

Model	Model Year	Number of cars involved	Assembly Plant(s)	Production dates; Start / End	Chassis Numbers; Start / End
S40	2004.5 -2006		22	2002-11-18 – 2005-08-22	000001 – 168553
V50	2004.5 -2006		22	2003-02-04 – 2005-08-22	000001 – 169722

3. Number of Vehicles Potentially Affected.

The number of vehicles potentially affected by this recall in the U.S. is approximately 23,000, located within the corrosive States listed in #7.

4. Estimated percentage of Vehicles with the Defect.

This recall remedy will be implemented on 100% of the recalled vehicles.

5. Description of the Defect.

Long term or recurring exposure to salty, wet conditions may lead to internal corrosion in the PEM (Fuel Pump Electronic Module). The subject vehicles had an insufficient sealing of the PEM (Fuel Pump Electronic Module) which may lead to water ingress, internal corrosion, and an increased failure frequency. A faulty signal from the PEM (Fuel Pump Electronic Module) to the Fuel Pump may lead to increased, decreased, or no fuel pressure at all to the engine.

**Root cause:**

Insufficient sealing of the PEM

**Symptom/driver experience:**

The driver may experience reduced engine torque while driving and/or CEL (Check Engine Light) being lit. In addition, the customer may experience a no start situation or stalling of the engine without any prior warning.

**The supplier contact information:**

André Gerlitz

Sales Quality Warranty

Robert Bosch AB

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6. Chronology of Events.

Volvo Investigation: June 35, 2007

Volvo Decision January 15, 2008

NHTSA Notification January 18, 2008

7. Program for Remedy of Defect.

Volvo owners of the above vehicles that were originally purchased, in addition to those that are currently registered within the States listed below will be notified of this Recall action via First Class mail. The owners letter will instruct them to contact and visit an authorized Volvo retailer to have the PEM (Pump Electronic Module) replaced and relocated to the inside of the vehicle (under left rear seat cushion) free of charge. The repair and relocation will take approximately 20 minutes to complete.

Recall States/Regions:

CONNECTICUT, ILLINOIS, INDIANA, MAINE, MASSACHUSETTS, MICHIGAN, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, OHIO, PENNSYLVANIA, RHODE ISLAND, VERMONT, WISCONSIN, DELAWARE, IOWA, DISTRICT OF COLUMBIA, MARYLAND, MINNESOTA, MISSOURI, and WEST VIRGINIA

8. Copies of Notices, Bulletins, etc.

Copies of information are being drafted and will be submitted to the agency shortly.

9. Proposed Owner Notification Letter.

A draft copy of Volvo's Owner notification letter is being created and will be submitted to the agency shortly.

10. The Manufacturer's Campaign Number.

Volvo has assigned Volvo Campaign Number R190 to this Recall Campaign.

If you have any questions regarding this report please contact me at (201) 768-7300 ext. 7908, email [akopstei@volvocars.com](mailto:akopstei@volvocars.com)

Sincerely yours,

VOLVO CARS OF NORTH AMERICA, LLC.  
Customer Service



Adam Kopstein  
Manager, Automotive Safety & Compliance