## Volvo Cars of North America, LLC



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

May 24, 2007

Daniel Smith, Associate Administrator Enforcement National Highway Traffic Safety Administration (NSA-01) Room 5321, Mail Code NVS-200 400 7th Street, SW., Washington, DC 20590

07V-226 (2 pages)

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 MY2003-2004 S60 and V70 Volvo vehicles. The assembly plants and inclusive dates of manufacture are:

Model	Model Year	# Vehicles	Plant	Prod. Dates Start / End	Chassis range
V70	2003-2004	290	Torslanda	2002-08-26 / 2003-02-18	0287431 - 0349124
V70	2003-2004	10719	Gent	2002-05-06 / 2003-06-05	0286112 - 0372809
S60	2003-2004	31150	Gent	2003-02-24 / 2004-03-26	0286155 - 0404037

- 3. Number of Vehicles Potentially Affected.
  The number of vehicles potentially affected by this recall in the U.S. is approximately 38,700
- 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.

**Condition:** The fuel pressure sensor (FPS) located on the left end of the fuel rail, may at times transmit incorrect signal regarding the fuel pressure to the Engine Control Module (ECM). If the signal is outside of the pre-programmed allowable limits, a Diagnostic Trouble Code (DTC) may be set and the Check Engine Light (CEL) will come on.

**Root cause:** The soldered joints on the circuit board of the FPS may crack due to temperature changes and/or excessive vibrations.

**RECEIVED** 

**Symptom/driver experience:** 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.

There have been no reports of accidents, injuries, or fatalities related to the recalled item.

## The supplier contact information:

Wolfgang Ott GS/QMC1 | Quality Management Customer Robert Bosch GmbH T. +49(0)711 811-8665 F. +49(0)711 811-268102 Wolfgang.Ott@de.bosch.com

6. Chronology of Events.

February 6, 2006 Volvo Investigation May 21, 2007 Volvo Decision

May 24, 2007 Notification to NHTSA

7. Program for Remedy of Defect.

All involved vehicles will be subject to the recall. Vehicle owners will receive a letter via first class mail. The letter will request that the owner of the vehicle take their vehicle to a Volvo retailer for remedy at no charge.

The remedy is to replace the fuel pressure sensor.

A schedule for notification to the dealers/retailers and customers will be provided to NHTSA at a future date. We are striving to implement this action as soon as possible.

8. Copies of Notices, Bulletins, etc.

Formal retailer notices, bulletins and other communications have not been completed. Copies of all such information will be forwarded to NHTSA as soon as they are available.

Owners that have had an affected vehicle remedied prior to the recall will be reimbursed.

9. Proposed Owner Notification Letter.

A draft copy of Volvo's Owner notification letter will be submitted to NHTSA for approval no fewer than five (5) Federal Government Business Days before Volvo intends to begin mailing it to owners.

10. The Manufacturer's Campaign Number.

Volvo has assigned Volvo Campaign Number R181 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

Sincerely yours,

VOLVO CARS OF NORTH AMERICA, LLC.

Customer Service

Adam Kopstein

Manager, Automotive Safety & Compliance

Cilian Korsser