



**Volvo Cars of North America, LLC**

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**Adam Kopstein, Manager**  
 Automotive Safety & Compliance

**09V-483**  
**(3 Pages)**

December 17, 2009

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 2001 – 2005 S80, V70, S60, XC70 and XC90 vehicles that were sold, or are registered in the states of Alabama, Arizona, Arkansas, California, Florida, Georgia, Hawaii, Kentucky, Louisiana, Mississippi, Nevada, New Mexico, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Utah, Virginia and the U.S. Territories.

The assembly plants and inclusive dates of manufacture are listed in the chart below; please note these vehicle chassis numbers reflect global production and not only vehicles available for sale within the United States or its territories.

MODEL	MODEL YEAR	PRODUCTION DATES	CHASSIS RANGE
S80	2001-2005	2000-10-11 / 2005-01-28	0176255 / 0406781
V70	2001-2004	2000-10-19 / 2004-06-11	0071747 / 0459095
V70	2001-2004	2000-10-09 / 2004-06-21	0064306 / 0459385
S60	2001-2004	2000-10-09 / 2004-06-18	0006099 / 0422140
XC70	2001-2004	2000-10-19 / 2004-06-07	0012318 / 0173074
XC90	2003-2005	2002-08-07 / 2004-06-11	0000690 / 0134089

3. Number of Vehicles Potentially Affected.

The number of vehicles potentially affected by this recall in the U.S. is 136,100.

4. Estimated percentage of Vehicles with the Defect.

Unknown, this recall remedy will be implemented on 100% of the recalled vehicles.

5. Description of the Defect.

Volvo investigations have identified that a specific version of the fuel pump can when exposed to certain environmental conditions (hot climate and temperature cycling) over time and in combination with varying fuel quality, develop cracks in the fuel pump flange. If the condition occurs vehicle owners may notice fuel smell and/or fuel seepage.

The corrective action will be to inspect the version of the fuel pump installed in your vehicle and if necessary replace the fuel pump with a part of a modified design.

**Root cause:** Volvo has identified a material and assembly change in the fuel pump flange. These changes in combination with exposure to certain environmental conditions (hot climate and temperature cycling) and varying fuel quality may result in cracks to the fuel pump flange.

**Symptom/driver experience:** The customer may notice fuel smell and / or fuel seepage.

6. Chronology of Events.

Listed below are the investigation details available as of 12/17/09.

NHTSA PE 09-039 received	2009-09-04
Condition considered as Potentially Critical by VCC Critical Concern Group (CCRG):	2009-09-14
Volvo response to NHTSA PE	2009-10-21
Field Action decision by VCC Field Action Board (FAB):	2009-12-16

7. Program for Remedy of Defect.

All involved vehicles will be subject to the recall. Vehicle owners will first receive a recall advisory letter via first class mail in mid-January 2010. The recall advisory letter will inform the vehicle owner that the vehicle qualifies for the fuel pump recall, and unless they have a fuel smell or seepage condition they should wait for a recall notice letter from Volvo when parts for their vehicle are available.

The recall notice letters will be mailed in stages beginning with the oldest model year (2001) from March 2010 – June 2010 as replacement parts become available. The recall notice letters will request that the owner of the vehicle take their vehicle to an authorized Volvo retailer for a fuel pump inspection and / or replacement at no charge.

Vehicles with the specific version of fuel pump identified in this recall, that had a replacement in New Car Warranty, will also be included in the recall advisory and recall notice mailings.

Volvo will extend the warranty for the fuel pump to 10 years or 150,000 miles for vehicles that were not sold or registered in the states identified in section 2 of this report. An extended warranty notice will be mailed to these vehicle owner's in January 2010.

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.
9. Proposed Owner Notification Letter.  
Draft copies of Volvo's Recall Advisory Notice and Recall Notice will be submitted to the agency shortly.
10. The Manufacturer's Campaign Number.  
Volvo has assigned Volvo Recall Campaign Number R220 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)

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Sincerely yours,

VOLVO CARS OF NORTH AMERICA, LLC.  
Customer Service



Adam Kopstein  
Manager, Automotive Safety & Compliance