



Volvo Cars of North America, LLC

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

Adam Kopstein, Manager
Automotive Safety & Compliance

07V-563
(2 pages)

December 5, 2007

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 MY2007 and 2008 XC90 Volvo vehicles equipped with the B6324S engine (S16). The assembly plants and inclusive dates of manufacture are listed in the chart below; please note that the vehicle chassis numbers reflect global production and not only vehicles available for sale in the United States.

Model	Model Year	Number of cars involved	Assembly Plant(s)	Production dates; Start / End	Chassis Numbers; Start / End
XC90	2007-2008	48297	21	2006-03-08/2007-10-19	0328000 / 0448032

3. Number of Vehicles Potentially Affected.
The number of vehicles potentially affected by this recall in the U.S. is approximately 37,000.
4. Estimated percentage of Vehicles with the Defect.
This recall remedy will be implemented on 100% of the recalled vehicles.

RECEIVED

2007 DEC -12 A 10:35

DEFECTS INVESTIGATION
RECALL MGMT DIV.

5. Description of the Defect.

Volvo has found that under certain conditions the Climate Control Module (CCM) may receive a "Shut-down signal" from the Engine Control Module (ECM) after ignition key insertion. If this condition occurs, the climate control functions will not be available (including defroster) during that driving cycle.

The corrective action will be a software upgrade of the Engine Control Module (ECM)

Root cause: Ignition key contacts may bounce causing multiple input signals to ECM. If that happens within 250ms, the ECM sends a shut down signal to the CAN-bus causing the CCM to shut down.

Symptom/driver experience:

If the condition occurs the climate control functions, e.g. defroster, will not be available during that driving cycle.

The supplier contact information:

Denso

6. Chronology of Events.

October 8, 2007	Volvo Investigation
November 29, 2007	Volvo Decision
December 5, 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. For vehicles remaining in retailer or Volvo inventory, the Recall will be performed prior to sale.

The remedy is to update the software in the ECM control module.

8. Copies of Notices, Bulletins, etc.

Volvo has issued notification to all US and Canadian retailers informing them of this Recall on Wednesday, December 5, 2007. In this notification, retailers are instructed to perform this Recall on any vehicles in dealer inventory prior to sale.

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 R185 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