



Volvo Cars of North America, LLC

1 Volvo Drive
P.O. Box 914
Rockleigh, NJ 07647
Phone: 201-768-7300
www.volvocars.us

Adam Kopstein, Manager
Automotive Safety & Compliance

10V-579
(3 Pages)

November 17, 2010

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 2011 S80, S60, XC70, and XC60 vehicles. The assembly plants and inclusive dates of manufacture are listed in the chart below; **please note that the vehicle chassis numbers and production dates reflect global production and not only vehicles available for sale in the United States or its territories.**

MODEL	MDL YEAR	PRODUCTION DATES	CHASSIS RANGES
S80	2011	2010-05-12/2010-10-06	0134112 - 0141219
S60	2011	2010-05-11/2010-10-06	0000194 - 0012895
XC70	2011	2010-05-12/2010-10-06	0094133 - 0102176
XC60	2011	2010-03-17/2010-10-07	0135074 - 0165252

3. Number of Vehicles Potentially Affected.

The number of vehicles potentially affected by this recall in the U.S. and U.S. Territories is 6,046.

4. Estimated percentage of Vehicles with the Defect.

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

5. Description of the Defect.

Volvo investigations have identified that the engine and transmission software calibration is too sensitive. When the driver is braking during city driving, and/or releases the accelerator pedal, the engine idle speed may drop resulting in a sudden engine stall without any prior warning. If this condition occurs, the transmission control unit will enter a temporary protection mode in order to prevent damage to the vehicles transmission. When starting the vehicle again, the driver can operate the vehicle safely home or to an authorized Volvo repair facility, but may experience a louder than usual transmission and a harder gear engagement.

Root cause: The software calibration for the fuel cut-off functionality in the engine control module (ECM) is too sensitive. If this condition occurs, the transmission control module (TCM) will enter a temporary protection mode in order to prevent damage to the vehicles transmission.

Symptom/driver experience: When the driver is braking during city driving, and/or releases the accelerator pedal, the engine idle speed may drop resulting in a sudden engine stall without any prior warning. If this condition occurs, the TCM will enter a temporary protection mode in order to prevent damage to the vehicles transmission. When starting the vehicle again, the driver can operate the vehicle safely home or to an authorized Volvo repair facility, but may experience a louder than usual transmission and a harder gear engagement.

The corrective action is to update the concerned vehicles with new ECM and TCM software.

6. Chronology of Events.

Listed below are the investigation details available as of 11/17/10.

- a. 07/27/2010
First U.S. Warranty claim received.
- b. 08/17/2010
First Technical Report received.
- c. 09/06/2010
Root cause identified by VCC and work began on a remedy.
- d. 10/13/2010
The software to remedy the condition was released by VCC.
- e. 10/15/2010
A Technical Journal was released by VCC into the Technical Information Exchange Database system.
- f. 10/18/2010
Condition considered as potentially critical by the VCC Critical Concern Group.
- g. 10/20/2010
Preparations to begin a Field Service Action begin.
- h. 11/11/2010
Field Action decision by VCC Field Action Board (FAB)

Volvo has received a total of 20 Technical Reports for 41 vehicles.

August 2010 – 8 reports

September 2010 – 11 reports

October 2010 – 1 report

Volvo has received a total of 20 warranty claims for this condition with the first claim received on 07/27/2010.

August 2010 – 9 reports

September 2010 – 6 reports

October 2010 – 4 reports

November 2010 – 1 report

Volvo has not received any reports alleging a crash, injury or fatality due to this condition.

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 an authorized Volvo retailer for remedy at no charge. For vehicles remaining in retailer inventory or Volvo inventory, the recall will be performed prior to sale.

The corrective action is to update the concerned vehicles with new ECM and TCM software.

8. Copies of Notices, Bulletins, etc.

The complete Recall 234 retailer package will be sent to RMD when it is ready for release to Volvo retailers this week.

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. The target date for the customer notification mailing to be completed is 12/10/10.

10. The Manufacturer's Campaign Number.

Volvo has assigned Volvo Recall Campaign Number R234 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