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(5 pages) 2nd Revision

Volvo Cars of North America, LLC

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March 07, 2012

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: REVISED - 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 Volvo Car Corporation (VCC) is voluntarily initiating.

On March 06, 2012, the eligible vehicle count was reduced from 17,000 to 11,162 after further investigation of the affected vehicle population. The Technical Journal release date in the Chronology of Events was previously incorrectly reported as February 6, 2011 and should be February 6, 2012 and is corrected in this letter.

573.6 (c) 1: Manufacturers Name

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

573.6 (c) 2: Identification of Vehicles Involved

The vehicles involved in this recall are certain year 2012 models S60/XC60/S80/XC70 vehicles. The inclusive dates of manufacture and VIN ranges are listed in the chart below;  
**Please note that the VIN ranges and production dates reflect global production and not only vehicles available for sale in the United States or its Territories.** To verify if a vehicle is included within this population, please contact Volvo Customer Care at 1-800-458-1552.

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573.6 (c) 2: (iv) Manufacture's name of Affected Component and Country of Origin

Johnson Control Sweden, AB  
AB Arendal Industripark ART-S  
40508 Arendal, Sweden

General Manager.  
Stefan Hägerström  
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MODEL	MODEL YEAR	PRODUCTION DATES	CHASSIS RANGE
S60	2012	05/16/11-10/06/11	0076075-0103860
XC60	2012	05/16/11-10/06/11	0237068-0271560
S80	2012	05/16/11-10/04/11	0151101-0155385
XC70	2012	05/16/11-10/04/11	0118101-0127175

573.6 (c) 3: Total number of Vehicles Potentially Containing the Defect

A total of approximately 11,168 S60, XC60, S80, and XC70 vehicles in the U.S. and its Territories are potentially affected.

573.6 (c) 4: Percentage of effected vehicles that contains the defect:

Unknown

573.6 (c) 5: Description of the deviation

The wire harness under the driver and/or front passenger seat(s) may not have been attached properly to the seat frame. If the wire harness is hanging down too low and the seat is moved to adjust the seating position the harnesses may get caught in the floor mounted amplifier under the seat. If this condition occurs, the harness connector may detach from the corresponding socket and lead to illumination of the SRS light. A message to the driver in the Driver Information Module (DIM) will indicate: "SRS service required urgent".

If an accident occurs where the deployment of the airbag is required, the airbag may not deploy as intended or not deploy at all increasing the risk of injury.

The following components may be affected:

- Seat belt buckle, if the signal is absent the front airbag(s) will deploy as if the person in the seat is unbelted.
- Side Impact Protection System (SIPS), if signal is absent the side impact air bag will not deploy.
- Occupant Weight Sensor (OWS) (only on front passenger seat), if signal is absent the SRS system will not deploy the passenger front airbag due to that it cannot determine if a small person/child seat is present or not in the passenger seat.
- Seat Track Position Sensor (STPS), if signal is absent the SRS system cannot determine the position of the seat and the front air bag will deploy with full power.

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- Pelvis Lap Protection (PLP), if signal is absent the lap belt pretensioner will not deploy.

#### 573.6 (c) 6: Chronology of Events

Volvo Car Corporation (VCC) centrally received the following technical reports from the US market:

1 report in June 2011  
 3 reports in October 2011  
 3 reports in November 2011  
 1 report in December 2011  
 1 report in January 2012  
 2 reports in February 2012

Volvo Car Corporation (VCC) centrally received a total of 182 valid warranty claims from the US market between June 13, 2011 and February 17, 2012 relating to the condition.

2 claims in June 2011  
 11 claims in July 2011  
 23 claims in August 2011  
 31 claims in September 2011  
 36 claims in October 2011  
 44 claims in November 2011  
 28 claims in December 2011  
 2 claims in January 2012  
 5 claims in February 2012

Volvo has not received any reports alleging injuries, fatalities, or crashes related to this condition.

#### **September 21, 2011: Early Claim Binning**

Increased number of SRS claims identified, analysis regarding impact started.

#### **October 10, 2011: Delivery stop meeting**

The decision was taken to block vehicles at the factories and ports of entry.

#### **October 14, 2011: Port Action Mail**

An instruction was sent out to the ports of entry to check and to secure any hanging wires under front seats.

#### **October 17, 2011: Critical Concern Review Group (CCRG)**

Issue brought to the Volvo Critical Concern Review Group (CCRG) on October 17 2011. The CCRG group identified and prioritized resources to further investigate the issue and evaluate the applicable requirements of U.S. law with the regulatory division.

#### **October 24 2011: Critical Concern Review Group (CCRG)**

Analyses indicate loss of functionality on SIPS, SRS illumination will be activated if the deviation occurs. Item considered to be potentially critical and referred to FARG

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**November 02, 2011: Field Action Recommendation Group (FARG)**

Further investigations needed in regard to cable routing.

**November 30, 2011:**

Further analysis needed in order to understand the amount of potentially affected vehicle population.

**January 11, 2012:**

Further analysis is needed to understand the potentially affected vehicles built in the Gent factory.

**January 25, 2012:**

Analysis on the effect of the Internal Containment Action (ICA) was implemented during the week of October 2nd.

**February 6, 2012: Technical Journal release**

A technical journal (TSB) was released.

**February 22, 2012:**

FARG recommends submitting the part 573, item referred to FAB

**February 22, 2012: Field Action Board (FAB)**

FAB decided the condition relates to motor vehicle safety, approves submission of Part 573.

**February 27, 2012: Retailer delivery stop issued**

Notification to all Volvo retailers within Volvo Cars of North America was issued. Notification directed retailers to inspect and if necessary, repair affected vehicles prior to retail sale.

573.6 (c) (i) 8: Program for Remedy of Defect

All involved vehicles will be subject to the recall. Volvo will mail vehicle owners via USPS First Class mail a letter requesting them to take their vehicles to an authorized Volvo retailer for inspection at no charge. If the inspection of the vehicles front seat reveals that the wires harness are not secured properly, the remedy will be performed.

For vehicles remaining in retailer or Volvo inventory, the recall inspection will be performed prior to sale.

573.6 (c) (ii) 8:

The date to e-mail preliminary notification to dealers:	February 27, 2012
The estimated date to provide repair instructions to the dealers:	March 12, 2012
The estimated date to begin sending notification to owners:	March 30, 2012
The estimated date to completion of notification:	March 30, 2012

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573.6 (c) 9 Spare part replacements

No spare parts are being replaced in this campaign. The remedy consists of securing the seat wire harness properly with tie-straps.

573.6 (c) 10: Copies of Notices, Bulletins, etc.

The complete Recall retailer package will be sent to RMD when it is ready. A draft copy of Volvo's Owner Notification letter is being created and will be submitted to the agency shortly.

573.6 (c) 11: The Manufacturer's Campaign Number

Volvo has assigned Recall Campaign Number 250 to this item.

If you have any questions related to this matter, please feel free to contact me or Adam Kopstein of my Staff at 201-767-4871.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Christopher Dauerer". The signature is fluid and cursive, with a long horizontal stroke at the end.

Christopher Dauerer  
Vice President, Customer Service  
VOLVO CARS OF NORTH AMERICA, LLC.