

**Volvo Cars of North America, LLC**

Adam Kopstein, Manager
Product Safety & Compliance Office
1 Volvo Drive
PO Box 914
Rockleigh, NJ 07647
Phone: 201-767-4871

July 5, 2012

Ms. Nancy Lewis
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
1200 New Jersey Avenue SE, Room W45-306
Washington, DC 20590

Re: DEFECT INFORMATION REPORT

Dear Ms. Lewis,

Pursuant to Part 573 of Title 49 of the Code of Federal Regulations, Volvo Cars of North America, LLC (Volvo) submits the attached information report concerning a safety recall program that Volvo Car Corporation (VCC) is voluntarily initiating.

Summary:

- Approximately 1,469 certain model year 2011, 2012 and 2013 S80 vehicles in the U.S. and its Territories are potentially affected.
- An error during software development was found affecting the lock-up function of the automatic transmission control. This will occur under certain driving conditions, primarily in coast down, when the transmission is shifting from fifth gear to fourth resulting in a low engine RPM and possible engine stall.
- The vehicles concerned are required to have a software download that upgrades the Transmission Control Module (TCM) software.
- Volvo will send vehicle owners, via USPS First Class mail, a letter requesting them to take their vehicles to an authorized Volvo retailer to have this remedy performed at no charge.

If you have any questions related to this matter, please feel free to contact me at my abovementioned phone number, or Larry Mihok of my staff at 201-768-7300, extension 7336.

Sincerely yours,

A handwritten signature in black ink that reads "Adam Kopstein".

Adam Kopstein
Manager, Product Safety & Compliance Office
VOLVO CARS OF NORTH AMERICA, LLC.

Attachment

49 CFR PART 573 - DEFECT INFORMATION REPORT

573.6 (c) 1: Manufacturer's Name

Vehicle Manufacturer: Volvo Car Corporation
Gothenburg, Sweden

Designated Agent: Volvo Cars of North America
Rockleigh, N.J. 07647

573.6 (c) 2: Identification of Vehicles Involved

The vehicles involved in this recall are certain model year 2011 > 2013 S80 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 vehicle 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.

MODEL	MODEL YEAR	PRODUCTION DATES	CHASSIS RANGE
S80	2012 > 2013	01/23/12 - 06/26/12	0158890 – 0166510
*S80	2011 > 2013	NA	0143462 - 0153263

*Note: 62 vehicles within this period have had affected software downloaded during a service visit to the retailers and will be included within the subject recall.

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

Aisin Warner
Quality Assurance Dept
AW-Europe
Avenue de L'industrie, 19
1420 Braine L'Alleud
Belgium
Quality.assurance@aweurope.be
Tel +32 2 389 24 72

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

Approximately 1,469 certain S80 vehicles in the U.S. and its Territories are potentially affected.

573.6 (c) 4: Percentage of Affected Vehicles that Contains the Defect:

Unknown

573.6 (c) 5: Description of the Defect or Noncompliance

An error during software development was found affecting the lock-up function of the automatic transmission control. This may occur under certain driving conditions, primarily in coast down, when the transmission is shifting from fifth gear to fourth resulting in a low engine RPM and possible engine stall.

573.6 (c) 6: Chronology of Events

- May 15, 2012 First technical report received (a total of 10 technical reports have been received)
- June 2, 2012 Investigation began between Volvo Car Corporation and Aisin Warner (supplier) to understand if there was a concern with the subject software
- July 4, 2012 Investigation results presented to the Critical Concern Management Team (CCMT) who decided the deviation was a potential risk to motor vehicle safety.
- July 4, 2012 Field Action Board was notified that a recall will be initiated
- July 5, 2012 Volvo submits to NHTSA Part 573 defect determination letter

573.6 (c) 8 (i): 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. The retailer will perform a software upgrade to the Transmission Control Module (TCM) at no charge. Volvo retailers who have affected vehicles in inventory will be instructed to perform the software upgrade prior to sale.

573.6 (c) 8 (ii): Estimated Dates of Notifications to Dealers and Owners

The estimated date to provide notification and repair instructions to the dealers:	July 12, 2012
The estimated date to begin/complete sending notification to owners:	July 19, 2012

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 255 to this item.