



Volvo Cars of North America, LLC.

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P.O. Box 914
Rockleigh, NJ 07647
201-768-7300
www.volvocars.com

December 15, 2010

Mr. Daniel C. Smith
Senior Associate Administrator, Vehicle Safety
National Highway Traffic Safety Administration
1200 New Jersey Ave.
SE/W45-231
Washington, D.C. 20590

Dear Mr. Smith

Submittal of TREAD report form per 49 CFR, Part 579, subpart B

Subject: R29151 Volvo S80L Radiator Hose

This is to inform you that Volvo Car Corporation and/or its various subsidiaries and affiliates have decided to conduct one Field Service Action (Ref. R29151) in a foreign country. Details of this field action are included in the attached report form.

If you have any further questions, please contact me at 201-768-7300 ext. 7908

Attachments:

1. Report of field action

Sincerely,

A handwritten signature in blue ink, appearing to read "A. Kopstein".

Adam Kopstein,
Volvo Cars of North America, LLC.
Automotive Safety and Compliance
Mgr. Product Safety & Compliance
1 Volvo Drive, Building B
Rockleigh, NJ 07647

Report of Field Action:

R29151-S80L Radiator Hose

Manufacturer:

Volvo Car Corporation
Product Compliance Office,
Dept. 58500
HAKVS
S-405 31 Gothenburg,
Sweden

Designated Agent

Volvo Cars of North America, LLC
PO Box 914
1 Volvo Drive
Rockleigh, NJ 07647

Type of Action:

Safety Recall-Implementation date: 2010-11-22

Subject:**Make, Model year/s affected**

Model	Begin	End
S80L	2009	2009

Total numbers of vehicles involved:

5,833

Assembly plants/dates of production:

Assembly plants	Production dates		Chassis Range	
	Begin	End	Begin	End
China, Volvo	2009-04-27	2009-09-09	0001021	008501

Other limiting factors:

Vehicles produced in and for retail only in China

Substantially similar vehicles sold in the US:

None of the "substantially similar" vehicles sold in the U.S. are affected by this condition as no vehicles with this condition was built for, or shipped to U.S.

Markets Affected:

China

Estimated percentage of the affected vehicles that contain the subject condition:

Unknown

Reason for field action:

Volvo has voluntarily decided to perform a safety recall on the affected vehicles to upgrade the radiator hose. In extreme cases the hose may completely separate from the vulcanization joint resulting in the engine coolant rapidly leaking out potentially causing excessive engine temperatures.

Condition/defect:

The vulcanization joint on the radiator hose may start to separate resulting in coolant leakage. If this condition occurs, the vulcanization joint may leak slowly, reducing the level in the coolant container. In extreme cases the hose may completely separate from the vulcanization joint and then the coolant leaks out quickly.

Root cause:

The raw material is not sufficiently protected from ambient humidity and lack of material preconditioning before parts molding.

Symptom/driver experience:

Warning lamp will become lit and a text message in driver information module (DIM) "Low Coolant Level" will appear. The customer may also notice coolant steam coming from the engine bay. A yellow information light eventually followed by a red warning light may illuminate in the DIM, associated with text messages that warns the driver of excessive engine temperatures and what measures that immediately need to be taken.

The vulcanization joint may leak slowly reducing the level in the coolant expansion tank and when the level reaches a certain point a warning lamp is lit and an information text message "Low Coolant Level" appears in the DIM. If this condition is not corrected and the coolant level is allowed to drop further the yellow information light, the red warning light and the associated text messages may appear in DIM.

In the worst case scenario the hose may separate from the vulcanization joint. If that happens the coolant leaks out quickly with a subsequent lit of the warning lamp and the text message "low coolant level" appearing. The customer may in such a case also notice coolant steam coming from the engine bay. The engine may in such a case show irregular running and unstable idling. If the customer stops the engine it may not be possible to start it again due to overheating damages occurring from the accumulated heat and reduced cooling performance.

Due to the rapidness of the loss of coolant the driver may not be able to react in time despite the warning lamp and text message potentially leading to an engine break down. Based hereupon VCC considers this to be an unreasonable risk to motor vehicle traffic safety.

Number of reports of the condition:

43 Technical Reports have been reported worldwide to Volvo Car Corporation.

Description of the remedy:

Update the concerned cars with a new radiator hose effective 2010-11-22.