



U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

ODI RESUME

Investigation: PE 05-057
Date Opened: 11/02/2005
Principal Investigator: Derek Rinhardt
Subject: Overheated Battery Cables

Manufacturer: Volvo Cars Of N.A. LLC.
Products: 2005 Volvo XC90
Population: 39500 (Estimated)

Problem Description: The nut attaching the battery positive cable to the starter may be loose, resulting in thermal failures of the cables and/or complaints of no crank.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	0	0	0
Crashes/Fires:	0	0	0
Injury Incidents:	0	0	0
# Injuries:	0	0	0
Fatality Incidents:	0	0	0
# Fatalities:	0	0	0
Other*:	0	0	0

*Description Of Other:

Action: A Preliminary Evaluation has been opened.

Engineer: Derek L. Rinhardt DR 11/3/2005
Div. Chief: Jeffrey L. Quandt
Office Dir.: Kathleen C. DeMeter

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Summary: Early Warning Reporting data submitted to ODI by Volvo contain field reports describing failures of the battery positive cable in a number of 2005 Volvo XC90 vehicles. The reports describe no crank conditions and, in many of the reports, severe overheating of the cable. Some of the reports indicate that smoke was reportedly observed coming from overheated cables.

A Preliminary Evaluation has been opened to assess the scope, frequency and safety consequences associated with the alleged defect.

DR 11/3/2005