



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

ODI RESUME

Investigation: PE 10-025
Date Opened: 07/20/2010
Investigator: Peter Ong **Reviewer:** Scott Yon
Approver: Richard Boyd
Subject: Central Electronic Module Failure

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: VOLVO CARS OF N.A. LLC.
Products: MY 2004-2005 Volvo XC90
Population: 93,487 (Estimated)
Problem Description: Intermittent Central Electronic Module failures leading to various electrical system malfunctions, including exterior and interior lighting, wipers functions and loss of engine power.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	21	TBD	TBD
Crashes/Fires:	0	TBD	TBD
Injury Incidents:	0	TBD	TBD
Fatality Incidents:	0	TBD	TBD

ACTION / SUMMARY INFORMATION

Action: Open this Preliminary Evaluation

Summary:

ODI has received 21 consumer complaints on model year 2004-2005 Volvo XC90 vehicles alleging intermittent malfunctions of various electrical system components such as the headlights, brake lights, turn signal lights, hazard lights, wipers and the instrumentation cluster lighting occurring at roadway and highway speeds. Four complainants referenced the loss of engine power along with the loss of lighting functions. Seven vehicles required towing assistance. Some complainants specifically indicate that when the Central Electronic Module was replaced the repair corrected the problems.

Loss of head lights, brake lights, turn signal, hazard signal functions and the loss of engine power increase the risk of a vehicle crash.