



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

ODI RESUME

Investigation: PE 10-028
Date Opened: 07/29/2010
Investigator: Nate Seymour
Approver: Richard Boyd
Subject: Front Air Brake Hose Interference
Reviewer: Bruce York-B

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: VOLVO TRUCKS NORTH AMERICA
Products: 2008 VNM and 2009 VNL
Population: 20,000 (Estimated)

Problem Description: The front air brake hoses may contact the steer tire during normal operation. This could result in a loss of braking capability.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	0	TBD	TBD
Crashes/Fires:	0	TBD	TBD
Injury Incidents:	0	TBD	TBD
Fatality Incidents:	0	TBD	TBD
Other*:	Confidential	Confidential	Confidential

***Description of Other:** EWR Field Reports

ACTION / SUMMARY INFORMATION

Action: A Preliminary Evaluation has been opened.

Summary:

ODI's normal review of EWR Field Reports revealed occurrences of brake hose interference with the front steer tires on 2008 and 2009 Volvo trucks. An interference between the air brake hose and the tire could result in an air hose leak. If the brake hose rub remains undetected and the hose is not replaced prior to a leak developing, this could result in extended stopping distances and eventual vehicle wheel lock up (spring brake application) if the air reservoirs are depleted. ODI has opened this investigation to assess the matter.