



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

# ODI RESUME

Investigation: PE 08-003  
Date Opened: 01/23/2008  
Principal Investigator: Sonny Murianka  
Subject: Alternator B+ Cable Retention

Manufacturer: Van Hool N.V.  
Products: 2007 C2045 Van Hool Buses  
Population: 500 (Estimated)

Problem Description: Engine vibration causes the positive battery cable to detach from the rear of the alternator.

## 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: This investigation is being opened as the result of a technical service bulletin review.

Action: A Preliminary Evaluation (PE) has been opened.

Engineer: Sonny Murianka Date: 01/23/2008  
Div. Chief: Richard Boyd RB Date: 01/23/2008  
Office Dir.: Kathleen C. DeMeter Date: 01/23/2008

Summary: On October 8, 2007, Van Hool issued service bulletin SB1210 to address a vibration issue that effects the alternator positive battery cable. The bulletin describes the addition of a clamp to hold the cable to the back of the alternator for improved retention.

ODI is concerned about the possibility of the cable grounding itself and starting a fire.