



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

ODI RESUME

Investigation: PE 04-048
Prompted By: Manufacturer Contact
Date Opened: 06/22/2004
Principal Investigator: Sonny Murianka
Subject: Luggage Strut Arm Short Circuits

Manufacturer: VAN HOOL, N.V.
Products: 2000-2004 Van Hool C2045 Motor Coach Buses
Population: 1500 (Estimated)

Problem Description: A loose luggage compartment door strut may contact 12-volt components in the electrical junction box located in the luggage compartment, resulting in arcing.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	0	5	5
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: Open a Preliminary Evaluation (PE).

Engineer: Sonny Murianka *sm*
Div. Chief: Richard Boyd
Office Dir.: Kathleen C. DeMeter

Date: 06/22/2004
Date: 06/22/2004
Date: 06/22/2004

Summary: There have been reports of the luggage door struts coming loose or failing and the end of the strut making contact with electrical components within the electrical junction box, which is located in the luggage storage compartment. Van Hool is currently drafting a service bulletin to address this problem. ODI is concerned that a loose strut in the electrical junction box area could ground out on a 12-volt terminal, resulting in arcing and possibly a fire.

This investigation is opened to further evaluate this issue.

*ms
fixed on
6/23/04*