



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

ODI RESUME

Investigation: PE 08-023
Date Opened: 03/26/2008 Date Closed: 07/21/2008
Principal Investigator: Sonny Murianka
Subject: Windshield Wiper Replacement Program

Manufacturer: Van Hool N.V., Van Hool, N.V. (*)
Products: 2004-2007 C2045, T2140, AND T2145 Van Hool Buses
Population: 149

Problem Description: Windshield wiper motor failure.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	0	6	6
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: This PE is closed. Van Hool has filed a safety recall (08V-237).

Engineer: Sonny Murianka  Date: 07/21/2008
Div. Chief: Richard Boyd  Date: 07/21/2008
Office Dir.: Kathleen C. DeMeter Date: 07/21/2008

Summary: A January 2008 service bulletin suggests that certain model buses should upgrade to a "high torque" wiper motor. The TSB also alluded to wiper motor failures. Therefore, ODI opened this investigation to determine the failure mode, frequency and safety significance since the wiper system is considered to be a critical item of safety equipment and is required by a federal standard.

Van Hool re-evaluated the issue and decided to conduct a safety recall. Van Hool determined that there was an issue, but it was an issue with "improperly finished" linkage components that were causing the wiper motor to fail.

All wiper motor linkages on the affected buses will be replaced under the recall.

The recall action resolves the issues raised by this investigation. Accordingly, this investigation is closed.