



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

ODI RESUME

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

Manufacturer: Van Hool N.V., Van Hool, N.V. (*)
Products: 2004-2006 C2045, T2140, and T2145 Van Hool Buses
Population: 550 (Estimated)

Problem Description: Replace wiper motor with a "high torque" wiper motor.

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 | Confidential | Confidential |

*Description of Other: Technical service bulletin.

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

Engineer: Sonny Murianka *Sm* Date: 03/26/2008
Div. Chief: Richard Boyd Date: 03/26/2008
Office Dir.: Kathleen C. DeMeter Date: 03/26/2008

Summary: A January 2008 service bulletin suggests that certain model buses should upgrade to a "high torque" wiper motor. The TSB also alludes to wiper motor failures.

This investigation is opened to determine the failure mode, frequency and safety significance since the wiper system is considered to be a critical item of safety equipment and its performance is mandated by a federal standard.