



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

ODI RESUME

Investigation: PE 07-008
Date Opened: 02/12/2007 Date Closed: 04/16/2007
Principal Investigator: Sonny Murianka
Subject: Restricted Brake Pedal Movement

Manufacturer: Thomas Built Buses, Inc.
Products: Thomas Built Buses Model Years 2000-2003 HDX, MVP-ER
Population: 3000

Problem Description: These buses are equipped with an electronically adjusted brake foot pedal. When the pedal is adjusted to the lowest position, the brake pedal is restricted from making a full pedal application.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	4	106	106
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. Freightliner has conducted a safety recall.
07V-137 has been assigned to this campaign.

Engineer: Sonny Murianka

Date: 04/16/2007

Div. Chief: Richard Boyd

Date: 04/16/2007

Office Dir.: Kathleen C. DeMeter

Date: 04/16/2007

Summary: ODI was contacted by the New York dot who reported several buses failed braking tests when being tested during an annual inspection. The subject school buses are optioned with an adjustable foot pedal positioning device that allows the driver to raise and lower the brake pedal height to suit his/her seating position.

When the lowest pedal position is selected (by a button on the dashboard), NYDOT reported that the brake pedal bottomed out on the floor, thus preventing a full brake pedal application. This resulted in a reduction of brake torque at the wheel ends.

Freightliner will conduct a safety recall to correct this problem. The remedy calls for a longer pedal push rod being installed in- place of the original push rod. They also increased the population to include the MVP-ER model buses.

This resolves the issue raised by this investigation. Accordingly, this investigation is closed.