



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

ODI RESUME

Investigation: PE 03-048
Prompted By: FLEET VISIT
Date Opened: 10/17/2003
Principal Investigator: SONNY MURIANKA
Subject: OVERHEATED EXHAUST COMPONENTS

Manufacturer: ORION BUS INDUSTRIES, INC.
Products: 2002-2004 ORION 7 LOW FLOOR BUS
Population: 500

Problem Description: HIGH TEMPERATURES FROM THE MUFFLER ARE CAUSING THERMAL DAMAGE TO THE MUFFLER MOUNTING HARDWARE WHICH ALLOWS THE MUFFLER TO SHIFT FROM ITS MOUNTING LOCATION AND CONTACT ENGINE HOSES AND AIR LINES.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	2	0	2
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: TWO INCIDENTS FROM TWO SEPARATE FLEETS

Action: A PRELIMINARY EVALUATION HAS BEEN OPENED.

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

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Summary: This investigation is being opened based on information gathered during a field investigation on another matter. ODI became aware of mufflers overheating on certain Orion 7 low floor CNG buses. The high temperature from the muffler is causing thermal damage to the muffler mounting hardware which allows the muffler to shift from its mounting location and contact engine hoses and air lines.

This investigation is being opened to gather additional information and to evaluate the safety consequences.

*MS
Fixed
10/22/03*