



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

ODI RESUME

Investigation: PE09-042
Date Opened: 09/01/2009
Principal Investigator: Sonny Murianka
Subject: Alternator Cable Chafing

Manufacturer: Motor Coach Industries, Inc
Products: MCI MY 2005-2010 D Series Coaches W/C13 Engines & 50DN Alt.
Population: 500 (estimated)

Problem Description: Alternator cable may chafe against engine brackets.

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:	1	1	1

Description of Other: TSB #3016

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

Engineer: Sonny Murianka *SM*

Date: 09/01/2009

Div. Chief: Richard Boyd

Date: 09/01/2009

Office Dir.: Kathleen C. DeMeter

Date: 09/01/2009

Summary:

Motor Coach Industries (MCI) submitted a Service Bulletin/Product Improvement Campaign (#3016) in their 579.5 monthly submission regarding an alternator cable chafing issue on "D" series coaches equipped with a caterpillar C13 engine and a 50DN Delco alternator. The cable can chafe against an engine bracket or as a result of movement within the cable clamps. The corrective action is to install a new cable and support brackets.

ODI believes that there is a high risk for a thermal event when dealing with issues concerning alternator cables chafing within the engine compartment. ODI places increased emphasis on preventing potential fires involving motor coaches.

This investigation has been opened to assess the scope and safety consequence of this issue.