



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

ODI RESUME

Investigation: EA 04-032
Prompted By: VOQ 10052216
Date Opened: 11/23/2004
Principal Investigator: Tom Bowman
Subject: Wheel Separations

Manufacturer: Keystone RV Company
Products: 2003 -2004 Keystone Travel Trailer and Fifth Wheel
Population: 64727 (estimated)

Problem Description: Wheel separation cause by inadequate clamp and/or loosening of the wheel mounting nuts and/or wheel mounting stud fracture.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	1	31	31
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	102	102

*Description Of Other: Warranty

Action: Open an Engineering Analysis.
Close PE 04-051.

Engineer: Thomas Bowman

Date: 11/23/2004

Div. Chief: Richard Boyd

Date: 11/23/2004

Office Dir.: Kathleen C. DeMeter

Date: 11/23/2004

Summary: Keystone has reported 110 steel wheel separations and 15 aluminum wheel separations that have occurred since March 2002.

ODI plans to conduct an Engineering Analysis to determine the reason(s) for these incidents.

FAX TO
JOHN GRAHAMSEN
COMMERCIAL
937-498-1271
1/13
11-26-04

FAX TO
KEystone
574-535-
3119
1/13