



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

ODI RESUME

Investigation: PE 09-013
Date Opened: 02/27/2009
Principal Investigator: Tom Bowman
Subject: Fractured Air Chamber Mounting Brackets

Manufacturer: PACCAR Incorporated
Products: MY 2005-08 Kenworth and Peterbilt (products listed below)
Population: 12,547 (Estimated)

Problem Description: The rear tandem air chamber mounting bracket installed in certain vehicle suspension combinations and equipped with certain "wide base" tires may fracture, disabling the affected brake.

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	0	0

*Description of Other:

Action: Open a Preliminary Evaluation.

Engineer: Thomas Bowman
Div. Chief: Richard Boyd
Office Dir.: Kathleen C. DeMeter

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Summary: This investigation pertains to Kenworth MY 2006 T2000, MY 2007-08 T600, MY 2005-2007 T800 and MY 2007 W900 and Peterbilt MY 2006-07 Model 379 and MY 2007 Model 387 vehicles.

As part of their EWR reporting responsibility during 2008, PACCAR provided ODI with field reports for Peterbilt and Kenworth products describing incidents in which the air chamber mounting bracket(s) that had been installed on the rear driving axles of vehicles also equipped with certain wide base single tires had cracked or fractured.

Continue on page 2

ODI opened this investigation based on the concern that a disabled brake is likely to cause or contribute to an increase in the affected vehicle's stopping distance when subjected to full brake application, such as in an situation requiring a high speed and/or emergency stop.