



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

ODI RESUME

Investigation: PE 11-026
Date Opened: 08/09/2011
Investigator: Chris Lash
Approver: Greg Magno
Subject: Brake master cylinder leak
Reviewer: Derek Rinehardt

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: MAZDA MOTOR CORP, MAZDA NORTH AMERICAN OPERATIONS
Products: 2008 Mazda CX-9
Population: 37,000 (Estimated)
Problem Description: Brake fluid can leak from the master cylinder into the vacuum booster and cause a degradation in brake effectiveness.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	0	TBD	TBD
Crashes/Fires:	0	TBD	TBD
Injury Incidents:	0	TBD	TBD
Fatality Incidents:	0	TBD	TBD
Other*:	0	TBD	TBD

*Description of Other:

ACTION / SUMMARY INFORMATION

Action: A Preliminary Evaluation has been opened.

Summary:

The Office of Defects Investigation (ODI) has received Early Warning Report (EWR) data from Mazda covering a time period from the first quarter of 2008 (2008Q1) to the third quarter of 2010 (2010Q3) indicating a high number of warranty claims and reports for the ServiceBrake-03 category. ODI's review of these reports concluded that in most instances Mazda dealers identified the primary cause as an internal brake fluid leak from the master cylinder into the vacuum booster. When brake fluid leaks into the vacuum booster the driver can experience reduced brake effectiveness which can result in extended stopping distance.

A Preliminary Evaluation has been opened to assess the scope, frequency and safety consequences of the alleged defect.