



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

# ODI RESUME

Investigation: PE08-001  
Date Opened: 01/08/2008  
Principal Investigator: Kyle Bowker  
Subject: Loss of Brake Power Assist

Manufacturer: Ford Motor Company  
Products: 2005 Ford F-150 equipped with 5.4L V8 engine  
Population: 359,605 (Estimated)

Problem Description: Alleged loss of brake power assist due to disruption of the brake booster assembly vacuum hose.

## FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	10		
Crashes/Fires:	0		
Injury Incidents:	0		
# Injuries:	0		
Fatality Incidents:	0		
# Fatalities:	0		
Other*:	0		

\*Description Of Other:

Action: A Preliminary Evaluation has been opened.

Engineer: Kyle M. Bowker KMB  
Div. Chief: Jeffrey L. Quandt  
Office Dir.: Kathleen C. DeMeter

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Summary: The Office of Defects Investigation (ODI) has received 10 reports that allege loss of brake power-assist on model year (MY) 2005 Ford F-150 vehicles equipped with the 5.4L V8 engine. Complainants allege that the loss of brake power-assist occurred suddenly and without warning and resulted from a brake booster assembly vacuum hose becoming detached from the intake manifold.

At this time, ODI is not aware of any crashes or injuries that have resulted from the alleged defect. However, one complainant did allege that loss of brake power-assist resulted in a loss of vehicle control that prevented the operator from obeying a stop sign. The operator was unable to stop the vehicle using the service brakes and the vehicle continued its forward motion until the automatic transmission gear selector was shifted to the park position.

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