



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

# ODI RESUME

Investigation: PE 05-066  
Date Opened: 12/05/2005  
Principal Investigator: Cynthia Glass  
Subject: Brake Lights Inoperative

Manufacturer: Ford Motor Company, Mazda Motor Corporation  
Products: 2003-2005 Ford Ranger & 2003-2005 Mazda B-Series Trucks  
Population: 511,240 (Estimated)

Problem Description: The center high mounted stop light wiring harness may be chafing. The chafing may cause a short circuit that blows the fuse supplying electrical current to all brake lights. When this happens, the brake lights may fail to illuminate.

## FAILURE REPORT SUMMARY

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

\*Description Of Other:

Action: This Preliminary Evaluation is opened.

Engineer: Cynthia Glass *CG*  
Div. Chief: Thomas Z. Cooper  
Office Dir.: Kathleen C. DeMeter

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Summary: The subject vehicles share the same vehicle platform. Ford Motor Company has issued a Technical Service Bulletin (TSB #05-6-19) to address a concern of chafing of the wiring harness for the center high mounted stop light. Mazda Inc. has issued Service Bulletin # 09-008/05 to address this same concern. The chafing may cause a short circuit that blows the fuse supplying electrical current to all brake lights. When this happens, the brake lights may fail to illuminate.

*CG* FILED  
6 DEC 05