



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

## ODI RESUME

Investigation: EA 04-021  
 Prompted By: PE04-032  
 Date Opened: 08/03/2004      Date Closed: 11/04/2004  
 Principal Investigator: Ali Motamedamin  
 Subject: Brake Lamp Failure

Manufacturer: General Motors Corp.  
 Products: 2002-04 Chevy Trailblazer/GMC Envoy/Olds Bravada/Buick Rainier  
 Population: 1,208,780

Problem Description: Brake lamp bulb fails to illuminate when the brake pedal is depressed.

### FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	94	1548	1642
Crashes/Fires:	0	2	2
Injury Incidents:	0	1	1
# Injuries:	0	1	1
Fatality Incidents:	0	0	0
# Fatalities:	0	0	0
Other*:	0	0	0

\*Description of Other:

Action: This Engineering Analysis (EA) is closed. GM will conduct safety recall 04V-527.

Engineer: Ali Motamedamin A.M.

Date: 11/04/2004

Div. Chief: Thomas Z. Cooper

Date: 11/04/2004

Office Dir.: Kathleen C. DeMeter

Date: 11/04/2004

Summary: GM states that some brake/tail lamp bulbs can prematurely become inoperative due to malfunctioning brake/tail lamp sockets. On March 2, 2004, GM initiated a 6-year/72,000 mile "Special Policy" for 989,487 subject vehicles to inspect and replace the rear brake/tail lamp bulb socket assemblies. On April 4, 2004, the Office of Defects Investigation (ODI) opened a Preliminary Evaluation (PE04-032) based on consumer complaints alleging brake lights not operating when the brake pedal is depressed. On August 3, 2004 ODI upgraded PE04-032 to an Engineering Analysis (EA04-021).

By letter dated October 27, 2004 GM notified NHTSA that it will conduct a safety recall (NHTSA # 04V-527) covering subject vehicles that were not already repaired under GM's "Special Policy." MY 2004 subject vehicles built after August 8, 2003 contain improved brake lamp assemblies and are not included in the recall. GM dealers will install the improved brake lamp assembly on subject vehicles built on August 8, 2003 and earlier.

The action taken by GM is sufficient to resolve the issues raised by this investigation. Accordingly, this investigation is closed.

ED 11/05/04