



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

ODI RESUME

Investigation: PE 03-057
Prompted By: IE03-043/Ridgely
Date Opened: 12/08/2003
Principal Investigator: Greg Magno
Subject: Parking Brake Failure

Manufacturer: General Motors Corp.
Products: 1999-2003 GM 1500-Series Silverado/Sierra W/Manual Trans.
Population: 155,000 (est.)

Problem Description: Parking brake friction linings wear out prematurely, rendering the parking brake ineffective.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	8	0	8
Crashes/Fires:	2	0	2
Injury Incidents:	1	0	1
# Injuries:	1	0	1
Fatality Incidents:	0	0	0
# Fatalities:	0	0	0
Other*:	0	0	0

*Description Of Other:

Action: A Preliminary Evaluation has been opened

Engineer: Gregory E. Magno 62m 12/03

Date: 12/08/2003

Div. Chief: Jeffrey L. Quandt

Date: 12/08/2003

Office Dir.: Kathleen C. DeMeter

Date: 12/08/2003

Summary: A Preliminary Evaluation has been opened to examine the scope and consequence of parking brake ineffectiveness in certain Chevrolet Silverado and GMC Sierra pickup trucks built on the GMT800 platform. These vehicles are equipped with four-wheel disc brakes that incorporate a drum-in-hat parking brake on the rear brake rotors. This system uses a small drum brake within the rear brake rotors to perform parking brake functions. A GM service bulletin indicates that failure of a retainer spring within the parking brake mechanism allows the brake shoes to wear against the parking brake drum surface whenever the vehicle is in motion, regardless of whether the parking brake is engaged. The bulletin specifies that the retainer should be replaced with a revised part and the drum cleaned.

Source 12/14
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