



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

ODI RESUME

Investigation: PE 04-004
Prompted By: OWNER COMPLAINTS
Date Opened: 01/08/2004
Principal Investigator: Nate Seymour
Subject: HYDRAULIC PUMP SHAFT FAILS

Manufacturer: GENERAL MOTORS CORP.
Products: MY 2000-02 GM 2500 AND 3500 SERIES PICKUP TRUCKS
Population: 660000

Problem Description: The hydraulic pump shaft can fracture causing loss of power brake and/or power steering, depending on the vehicle equipment.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	19	0	19
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: Nate Seymour NS
Div. Chief: Richard Boyd
Office Dir.: Kathleen C. DeMeter

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Summary: NHTSA has received 19 reports from owners of General Motors 2500/3500 series pickup trucks alleging a loss of power brake and/or power steering. These reports claim fracturing of the hydraulic pump shaft is the cause for the power assist loss. Loss of power brake and/or power steering will increase the brake pedal force and/or steering effort necessary to control the vehicle.

GM has used several different hydraulic pumps for each model year. ODI will conduct an investigation to determine which hydraulic pumps are failing by vehicle model and model year and the consequence on vehicle control.

NS
1/8/04