



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

ODI RESUME

Investigation: DP 05-008
 Prompted By: DEFECT PETITION
 Date Opened: 12/20/2005 Date Closed: 02/06/2006
 Principal Investigator: GREG MAGNO
 Subject: TIMING CHAIN FAILURE

Manufacturer: GENERAL MOTORS CORP.
 Products: 2000-2003 SATURN L-SERIES, 2003 SATURN ION
 Population: 456654

Problem Description: ALLEGED TIMING CHAIN FAILURE RESULTING IN ENGINE SHUT DOWN.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	26	0	0
Crashes/Fires:	0	0	0
Injury Incidents:	0	0	0
# Injuries:	0	0	0
Fatality Incidents:	0	0	0
# Fatalities:	0	0	0
Other*:	0	0	0

*Description of Other:

Action: PE06-006 OPENED TO INVESTIGATE ALLEGATION

Engineer: Gregory E. Magno

Date: 02/06/2006

Div. Chief: Gregory E. Magno

Date: 02/06/2006

Office Dir.: Kathleen C. DeMeter

Date: 02/06/2006

Summary: ANALYSIS UNDERTAKEN IN RESPONSE TO THE PETITION IDENTIFIED 26 COMPLAINTS ALLEGING TIMING CHAIN FAILURES IN MY 2000-2003 SATURN L-SERIES VEHICLE EQUIPPED WITH THE 2.2L L4 ENGINE. MOST COMPLAINTS OF TIMING CHAIN FAILURE REPORTEDLY RESULTED IN A SUDDEN LOSS OF ENGINE POWER AND STALLING.

ODI ALSO NOTED THAT CERTAIN MY 2002-2003 SATURN VUE AND MY 2003 SATURN ION MODEL VEHICLES WITH THE 2.2L ENGINE VEHICLES COVERED BY A TECHNICAL SERVICE BULLETIN (03-06-01-017) THAT ADDRESSED TIMING CHAIN DESIGN AND SERVICE PROCEDURE CHANGES, EXHIBITED NO COMPLAINTS OF TIMING CHAIN FAILURE.

ODI WILL GRANT THE PETITION AND OPEN A PRELIMINARY EVALUATION TO ASSESS THE FREQUENCY, TREND, SCOPE AND SAFETY CONSEQUENCES ASSOCIATED WITH THE ALLEGED DEFECT IN THE SUBJECT VEHICLES.