

CDR File Information

Vehicle Identification Number	1GHDX03EXXD182842
Investigator	CSB
Case Number	10444
Investigation Date	Monday, June 5 2006
Crash Date	Thursday, April 20 2006
Filename	1GHDX03EXXD182842_10444.CDR
Saved on	Monday, June 5 2006 at 01:18:46 PM
Collected with CDR version	Crash Data Retrieval Tool 2.800
Collecting program verification number	9238B95E
Reported with CDR version	Crash Data Retrieval Tool 2.800
Reporting program verification number	9238B95E
Interface used to collected data	Block number: 00 Interface version: 4A Date: 11-08-05 Checksum: 7500
Event(s) recovered	Deployment Non-Deployment

SDM Data Limitations

SDM Recorded Crash Events:

There are two types of SDM recorded crash events. The first is the Non-Deployment Event. A Non-Deployment Event is an event severe enough to "wake up" the sensing algorithm but not severe enough to deploy the air bag(s). The SDM can store up to one Non-Deployment Event. This event can be overwritten by an event that has a greater SDM recorded forward velocity change. This event will be cleared by the SDM after the ignition has been cycled 250 times.

The second type of SDM recorded crash event is the Deployment Event. The SDM can store up to two different Deployment Events, if they occur within five seconds of one another. Deployment Events cannot be overwritten or cleared from the SDM. Once the SDM has deployed the air bag, the SDM must be replaced.

The data in the Non-Deployment Event file will be locked after a Deployment Event, if the Non-Deployment Event occurred within 5 seconds before the Deployment Event unless a Deployment Level Event occurs within 5 seconds after the Deployment Event, and then the Deployment Level Event will overwrite the Non-Deployment Event file.

SDM Data Limitations:

-SDM Recorded Vehicle Forward Velocity Change reflects the change in forward velocity that the sensing system experienced during the recorded portion of the event. SDM Recorded Vehicle Forward Velocity Change is the change in velocity during the recording time and is not the speed the vehicle was traveling before the event, and is also not the Barrier Equivalent Velocity. This data should be examined in conjunction with other available physical evidence from the vehicle and scene when assessing occupant or vehicle forward velocity change. The SDM records the maximum Vehicle Forward Velocity Change recorded from Algorithm Enable to Deployment Command Criteria Met.

-Driver's Belt Switch Circuit Status indicates the status of the driver's seat belt switch circuit.

-The Time between Non-Deployment and Deployment Events is displayed in seconds. If the time between the two events is greater than five seconds, "N/A" is displayed in place of the time.

-If power to the SDM is lost during a crash event, all or part of the crash record may not be recorded. An indication of a loss of power would be if the ignition cycles at the event is recorded as zero. Data recorded after that may not be reliable, such as Time Between Non-Deployment and Deployment Events and Driver Belt Switch Circuit Status.

SDM Data Source:

All SDM recorded data is measured, calculated, and stored internally, except for the following:

-The Driver's Belt Switch Circuit is wired directly to the SDM.

System Status At Deployment

SIR Warning Lamp Status	ON
Driver's Belt Switch Circuit Status	BUCKLED
Ignition Cycles At Deployment	13746
Ignition Cycles At Investigation	13750
Maximum SDM Recorded Velocity Change When Deployment Command Criteria Was Met (MPH)	-2.85
Time From Algorithm Enable To Deployment Command (msec)	53.75
Time Between Non-Deployment And Deployment Events (sec)	N/A

System Status At Non-Deployment

SIR Warning Lamp Status	ON
A Deployment was Commanded Prior to this Event	No
Driver's Belt Switch Circuit Status	BUCKLED
Ignition Cycles At Non-Deployment	13592
Ignition Cycles At Investigation	13750
Maximum SDM Recorded Velocity Change (MPH)	0.00
Algorithm Enable to Maximum SDM Recorded Velocity Change (msec)	0

Hexadecimal Data

This page displays all the data retrieved from the air bag module.
It contains data that is not converted by this program.

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B600: 80 08 10 40 C8 00 00 00
B608: 00 00 00 00 00 00 55 00
B610: 00 00 00 00 00 00 55 00
B618: 37 F9 F9 F9 F9 F9 F9 F9
B620: 00 FF AA AA AA 00 AA 00
B628: 0D 81 00 00 00 40 C0 00
B630: 2B 0D 0D 26 35 B2 00 2F
B638: 00 00 00 FF 00 FF FF 00
B640: 01 00 00 00 00 00 00 00
B648: 00 00 00 00 00 00 00 00
B650: 00 00 00 00 00 00 00 00
B658: AA 00 37 81 00 00 00 40
B660: 00 00 00 00 00 00 35 18
B668: 00 00 00 00 80 40 00 01
B670: FF FF FF 00 00 00 00 00
B678: 00 00 00 00 00 00 00 00
B680: 00 00 00 00 00 00 00 00
B688: 00 00 00 00 00 00 00 03
B690: 03 00 00 04 04 00 0D 81
B698: 00 01 51 82 00 01 52 83
B6A0: 00 01 52 84 00 00 00 00
B6A8: 00 00 00 02 02 00 00 00
B6B0: 00 00 00 00 00 64 02 00
B6B8: 00 01 01 3C 8E 70 FF 00
B6C0: B8 70 19 0E 94 6B 9D 5F
B6C8: B8 78 19 0E 00 00 00 00
B6D0: 00 00 00 00 00 00 00 00
B6D8: 00 00 00 00 00 AA 01 02
B6E0: AA 55 03 00 00 00 00 00
B6E8: 00 00 00 00 AA 03 03 20
B6F0: 0A 28 03 08 00 80 00 18
B6F8: 06 02 00 24 0C 00 FF 00
B700: 00 1C 06 00 12 1C 18 08
B708: 00 00 0C 00 5B 00 3C 06
B710: 0A 00 24 0C 00 FF 00 00
B718: 16 09 00 0B 20 18 78 10
B720: 00 3C 00 00 00 00 00 10
B728: 00 02 06 02 04 02 01 01
B730: 04 1C 09 00 80 00 14 5E
B738: 37 00 00 00 00 00 00 00
B740: 00 00 00 00 00 00 00 00
B748: 00 00 00 00 00 00 00 00
B750: 00 00 00 00 00 00 00 00
B758: 00 00 00 00 00 00 00 00
B760: 00 00 00 00 00 00 00 00
B768: 00 00 00 00 00 00 00 00
B770: 00 00 00 00 00 00 00 00
B778: 00 55 FD 00 00 00 00 00
B780: 00 00 00 00 00 00 00 00
B788: 00 00 00 00 00 00 00 00
B790: 00 00 00 00 00 00 00 00
B798: 00 00 00 00 00 00 00 00
B7A0: 00 00 00 00 00 00 00 00
B7A8: 00 00 00 00 00 00 00 00
B7B0: 00 00 00 00 00 00 00 00
B7B8: 00 00 00 00 00 00 00 00
B7C0: 00 00 00 00 00 00 00 00
B7C8: 00 00 00 00 00 00 00 00
B7D0: 00 00 00 00 00 00 00 00
B7D8: 00 00 00 00 00 00 00 00
B7E0: 00 00 00 00 00 00 00 00
B7E8: 00 00 00 A5 A5 A5 A5 00
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B7F0: 00 BD B9 BE AC 69 8F B4
B7F8: D7 CC B0 CC CE B1 AB 00