

CDR File Information

User Entered VIN	2GTEK19R1W1555592
User	CSB
Case Number	Steve Moore
EDR Data Imaging Date	Thursday, December 20 2007
Crash Date	?
Filename	2GTEK19R1W1555592_10605_V3.2.CDR
Saved on	Thursday, December 20 2007 at 11:04:51 AM
Collected with CDR version	Crash Data Retrieval Tool 2.910
Reported with CDR version	Crash Data Retrieval Tool 3.2
EDR Device Type	airbag control module
Event(s) recovered	Deployment

IMPORTANT NOTICE: Robert Bosch LLC recommends that the latest production release of Crash Data Retrieval software be utilized when viewing, printing or exporting any retrieved data from within the CDR program. This ensures that the retrieved data has been translated using the most recent information including but not limited to that which was provided by the manufacturers of the vehicles supported in this product.

Data Limitations

Recorded Crash Events:

There are two types of Recorded Crash Events. The first is the Non-Deployment Event. A Non-Deployment Event records data but does not 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 longitudinal velocity change. This event will be cleared by the SDM, after approximately 250 ignition cycles. This event can be overwritten by a second Deployment Event, referred to as a Deployment Level Event, if the Non-Deployment Event is not locked. The data in the Non-Deployment Event file will be locked, if the Non-Deployment Event occurred within five seconds before a Deployment Event. A locked Non Deployment Event cannot be overwritten or cleared by the SDM. 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. If a Deployment Level Event occurs within five seconds after the Deployment Event, the Deployment Level Event will overwrite any non-locked Non-Deployment Event. Deployment Events cannot be overwritten or cleared by the SDM. Once the SDM has deployed an air bag, the SDM must be replaced.

Data:

-SDM Recorded Vehicle Longitudinal Velocity Change reflects the change in longitudinal velocity that the sensing system experienced during the recorded portion of the event. SDM Recorded Vehicle Longitudinal 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. The SDM records the first 300 milliseconds of Vehicle Longitudinal Velocity Change after Algorithm Enable. The maximum value that can be recorded for Vehicle Longitudinal Velocity Change is 56 MPH. Velocity Change data is displayed in SAE sign convention.

-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, Driver Belt Switch Circuit Status, and Passenger SIR Suppression Switch Circuit Status.

-All data should be examined in conjunction with other available physical evidence from the vehicle and scene.

Data Source:

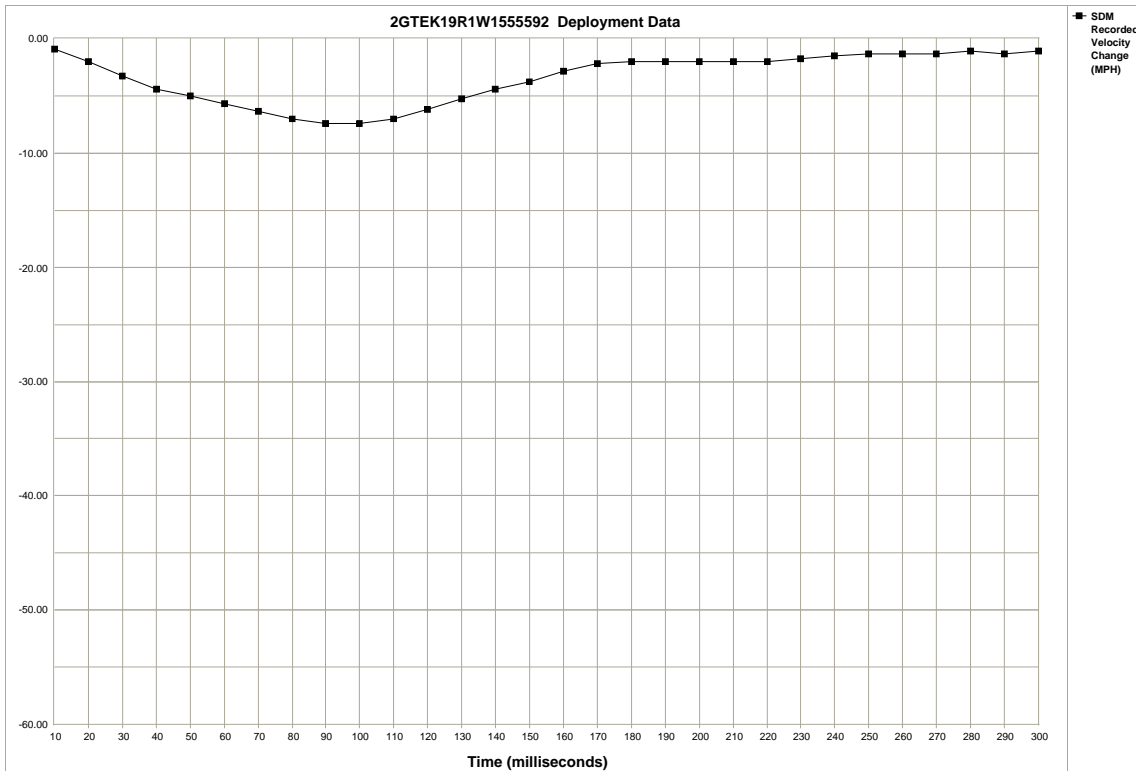
All SDM recorded data is measured, calculated, and stored internally, except for the following:

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

-The Passenger Front Air Bag Suppression Switch Circuit is wired directly to the SDM.

System Status At Deployment

SIR Warning Lamp Status	OFF
Driver's Belt Switch Circuit Status	UNBUCKLED
Passenger Front Air Bag Suppression Switch Circuit Status	Air Bag Not Suppressed
Ignition Cycles At Deployment	33304
Ignition Cycles At Investigation	33313
Time From Algorithm Enable To Deployment Command (msec)	17.5
Time Between Non-Deployment And Deployment Events (sec)	N/A



Time (milliseconds)	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
Recorded Velocity Change (MPH)	-0.88	-1.97	-3.29	-4.39	-5.05	-5.70	-6.36	-7.02	-7.46	-7.46	-7.02	-6.14	-5.27	-4.39	-3.73
Time (milliseconds)	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300
Recorded Velocity Change (MPH)	-2.85	-2.19	-1.97	-1.97	-1.97	-1.97	-1.97	-1.76	-1.54	-1.32	-1.32	-1.32	-1.10	-1.32	-1.10

Hexadecimal Data

Data that the vehicle manufacturer has specified for data retrieval is shown in the hexadecimal data section of the CDR report. The hexadecimal data section of the CDR report may contain data that is not translated by the CDR program. The control module contains additional data that is not retrievable by the CDR system.

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B600: 20 C0 40 00 00 00 AA 00
B608: 00 00 00 00 00 00 AA 00
B610: 00 00 00 00 00 85 F9 F9
B618: F9 F9 F9 3F F9 F9 FF 00
B620: AA AA AA 00 00 00 00 7D
B628: 00 00 40 0E 04 09 0F 14
B630: 17 1A 1D 20 22 22 20 1C
B638: 18 14 11 0D 0A 09 09 09
B640: 09 09 08 07 06 06 06 05
B648: 06 05 82 18 12 00 00 FF
B650: 00 55 AA AA AA 55 02 00
B658: 00 00 00 00 00 00 00 00
B660: 00 00 00 00 00 00 00 00
B668: 00 00 00 00 00 00 00 00
B670: 00 00 00 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 01 7A 89 00 00 00
B690: 00 00 01 2B 83 00 01 31
B698: 84 00 01 3A 85 00 01 58
B6A0: 86 00 01 64 87 00 01 6B
B6A8: 88 00 00 00 00 00 00 00
B6B0: 00 00 00 00 00 00 00 00
B6B8: 00 00 00 00 00 92 6E C6
B6C0: 34 4E 1A 01 00 64 02 00
B6C8: 00 AA 00 00 00 00 01 01
B6D0: BE A5 A9 CF B8 B8 BE AC
B6D8: 69 7A B4 D7 F7 90 00 00
B6E0: AA C8 40 78 AA 00 03 4B
B6E8: 21 AA 00 00 00 00 00 00
B6F0: FF 08 F0 05 50 06 12 1C
B6F8: 58 5B 5B 5B 5B 5B 5B 5C
B700: 6B 77 82 8B 91 95 97 98
B708: 99 9C A3 AF B9 C1 CA D2
B710: DC E7 F1 F9 40 42 43 44
B718: 46 48 4B 4C 4E 55 5B 5D
B720: 62 66 68 69 6C 6E 6F 70
B728: 71 71 72 72 73 73 73 73
B730: 73 73 74 75 76 76 77 78
B738: 78 78 79 79 79 79 79 79
B740: 79 7A 7A 7A 7A 7A 7A 7A
B748: 7A 7A 7B 7B 7C 7D 7D 7D
B750: 7E FF FF FF FF FF FF FF
B758: FF FF FF FF FF 00 3C 01
B760: 40 0A 06 38 18 0A 10 02
B768: 08 AA 00 50 1C 5B 5B 5B
B770: 5B 5B 5B 5C 6B 77 82 8B
B778: 91 95 97 98 99 9C A3 AF
B780: B9 C1 CA D2 DC E7 F1 F9
B788: 40 42 43 44 46 47 49 4B
B790: 4C 4D 4E 4F 51 53 54 55
B798: 56 57 59 5A 5B 5C 5D 5E
B7A0: 5E 5F 60 60 61 62 62 62
B7A8: 63 63 63 64 64 64 65 65
B7B0: 66 66 66 66 66 66 66 66
B7B8: 66 66 67 68 68 00 00 AA
B7C0: 00 C2 B8 85 00 00 00 00
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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 00 00 00 00 00
B7F0: 00 00 00 00 00 00 00 00
B7F8: 00 00 A5 A5 A5 A5 75 FD
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Comments

DLC Download

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