PE14-010

GM

9/19/2014

ATTACHMENT 1

Q 04

768745

Service Request Detail

SR No.	71-1223438454	**Ref No.**		**Goodwill**	No Goodwill Offered	**BRC Type**	PAR
Account	[redacted]	**Site**	427785	**GW SubType**		**Bus. Unit**	BRC
Last Name	[redacted]	**First Name**	[redacted]	**Approval**	Not Initiated	**Area**	PAR
Daytime #	[redacted]	**Evening #**	[redacted]	**UCC**	Brakes - Pedal and Linkage	**Sub-Area**	ESIS Escalation
Address	[redacted]	**City**	Coconut Creek	**Involved Dlr**	Sandy Sansing Chevrolet, Inc.	**Safety**	Yes
State	FL **ZipCd** [redacted]	**Con Acct**	National Car Rental	**Source**	Phone	**Updated**	9/11/2013 06:07:51 PM
Serial #/VIN	2G1125S36E9[redacted]	**Model Year**	2014	**Priority**	Medium **License #** CHEVROL	**Owner**	RANGELD
Make	Chevrolet	**Warr. Start**	07/30/2013	**Status**	Open	**Opened**	9/10/2013 10:50:22 AM
Model	Impala	**Mileage**	3173	**Sub-Status**	Satisfied	**Closed**	
Abstract	PAC - veh stalled causing collision						
Customer Description	This is a BRC Par Case.Do not assume case. Forward any inquiries to Dalia at ext 11350						

Pre-PAR

Insurance Agent	9/3/2013 09:56:25 AM	Y	1	1	unknown	unknonw
Durard	Tracie	unknown	unknown			
[redacted]	Elco Insurance					

Incident Loc	exact address unknown	Incident Desc	cust was driving and veh started to stall and veh was rearended
Component	engine		
		Damage Desc	unknown
Vehicle Loc	insurance has veh	Add'l Info	
Emgcy Svc Names	unknown		
		Maint Loc	unknown

PAR Detail

Collision	Y	**Non Collision**	N	**Property Damage**	N	**Thermal Evt**	N	**Spec Equip**	none
Vehicle Speed	0			**Weather Condition**	unknown			**Prop Owner**	unknown
Last Service Date				**Loc Last Service**				**Property Location**	unknown
Veh Est Repair Cost				**Spec Equip Installer**	n/a			**Prop Damage Description**	unknown
Primary Veh Use	Fleet			**Inspection Type**	Accelerator/Throttle Systems			**Inspected By**	Inspection Not Performed
Veh Damage Description	rearend damage							**Explain Other**	escalate to esis

Property Type	unknown		
Prop Est Repair Cost			
Inspection Date/Time			

PAR Injuries

Durard	Tracie	Occupant of Owner's Vehicle	Driver	unknown
unknown	unknown	unknown	unknown	

Activities

9/12/2013 10:43:37 AM	RANGELD	RANGELD	Scheduled Follow-up		Scheduled Alarm		check if file has been p/u by esis

Contact Name: [redacted] Account: PAC Code: 427785

THIS IS NOT A CALLBACK TO CUST.DO NOT ADVISE CUST OF THIS

9/12/2013 10:43:16 AM	RANGELD	RANGELD	BRC PAR	Inspection Not Required	Done	9/12/2013 10:43:35 AM	file sent to esis

Contact Name: [redacted] Account: PAC Code: 427785

9/12/2013 10:42:39 AM	RANGELD	ESISBIQU	Escalation	ESIS - Injuries	In Progress		injuries

Contact Name: [redacted] Account: PAC Code: 427785

Cust alleges veh stalled causing collision.

injury w/medical treatment
atty involvement

Dalia Rangel/pac/atx

Activities

9/12/2013 10:41:26 AM	RANGELD	RANGELD	BRC PAR	Business Case	Done	9/12/2013 10:42:37 AM	case assessment

[redacted] 427785

Cust alleges veh stalled causing collision.
Crs escalated due to injury w/medical treatment and atty involvement

Dalia Rangel/pac/atx

9/12/2013 10:34:52 AM	RANGELD	RANGELD	Outbound Call Dealer	Made Contact	Done	9/12/2013 10:40:36 AM	called Sandy Sansing Chevrolet, Inc. (850) 476-2480

[redacted] 427785

Crs called dlr for initial dlr contact

see initial dlr contact

Dalia Rangel/pac/atx

9/12/2013 09:36:47 AM	RANGELD	RANGELD	Scheduled Outbound Call Cust		Done	9/12/2013 10:34:49 AM	called Sandy Sansing Chevrolet, Inc. (850) 476-2480

[redacted] 427785

initial dlr contact

Dalia Rangel/pac/atx

Service Request Detail

Activities

9/11/2013 06:07:51 PM	RANGELD	RANGELD	Ownership Changed	Ownership Escalated to BRC	Done	9/11/2013 06:07:51 PM	Ownership Escalated to BRC

[redacted]

427785

9/11/2013 05:58:38 PM	RANGELD	RANGELD	Scheduled Outbound Call Dlr	Rescheduled - Customer	Done	9/12/2013 09:36:47 AM	called Sandy Sansing Chevrolet, Inc. (850) 476-2480

[redacted]

427785

initial contact

Dalia Rangel/pac/atx

9/11/2013 10:09:18 AM	RANGELD	RANGELD	Other		Done	9/11/2013 10:09:57 AM	correction to acknowledgement

[redacted]

427785

Crs Adv: This is Dalia calling from the Business Resource Center Product Assistance Claims Dept. I have received your file and do require further information. Do you have a moment to speak to me?

Cust sts: Yes

Continued in Initial

Dalia Rangel/pac/atx

Activities

9/11/2013 10:07:58 AM	RANGELD	RANGELD	Other		Done	9/11/2013 10:09:15 AM	correction to Research

[redacted]

427785

no prev sr #'s associated w/cust name or vin

no recalls

prev repairs related to allegation
08/13/2013 535180 ZREG----Regular Vehicle Transaction 4027990 - Flexible Fuel Sensor Replacement 1,490 MI

Dalia Rangel/pac/atx

9/11/2013 10:07:34 AM	RANGELD	RANGELD	Outbound Email	Field Initial	Done	9/11/2013 06:05:09 PM	e-mail to dma Adler Larry

[redacted]

427785

A product allegation claim has been made in your region. The customer is alleging veh stalled causing a collision. This case is being escalated to ESIS because of insurance involvement.

Flechaus
2014 Chevrolet Impala
2G1125S36E9[redacted]
No dlr involved
Dealership Contact, Title/Position

This is only a notification. No action is required on your part at this time.

Best wishes,
Dalia Rangel I CRS

Aditya Birla Minacs I inspired every day
7401 E. Ben White Blvd, Bldg. F, Austin, TX 78741
Phone: 866-790-5600 ext. 11350 Fax: 866-480-3628 www.minacs.adityabirla.com

Activities

9/11/2013 10:07:14 AM	RANGELD	RANGELD	Outbound Call Dealer	Dealer Initial	Done	9/12/2013 10:39:54 AM	called Sandy Sansing Chevrolet, Inc. (850) 476-2480
[redacted]						427785	

Crs advsd
need to verify veh hist on cust veh
Crs spoke w/Svc Adv Tony Staples
Dlr sts
veh was last in 8/13 due to ses light on. Found p0179 code. Found fuel sensor eratic and replaced sensor.

Dalia Rangel/pac/atx

9/11/2013 09:42:29 AM	RANGELD	RANGELD	Outbound Call Customer	Initial Contact	Done	9/11/2013 10:06:11 AM	called [redacted]
[redacted]						427785	

Crs advsd
wanted to verify if concern is w/the same veh.
Cust sts
this is another veh. The cust was driving and veh stalled and veh was rearended. The cust was taken to hospital. I am not sure of the injuries. She has retained an atty. Atty is Donavan Whidds ph # 850-696-0318.
Cust alleges veh stalled causing a collision.
Crs advsd
I will need to escalate file to our Central Claims dept. Someone will contact you 5-7 buisness days.

Dalia Rangel/pac/atx

9/11/2013 09:41:38 AM	RANGELD	RANGELD	Outbound Call Customer	Acknowledgement	Done	9/11/2013 09:42:27 AM	called [redacted]
[redacted]						427785	

Duplicate file 71-1175282928

Dalia Rangel/pac/atx

[redacted]

Activities

9/10/2013 03:48:46 PM	WAGNERCI	WAGNERCI	Inbound Call Customer	Voice Mail Received	Done	9/10/2013 03:51:42 PM	CAC to PAC Voice Mail

[redacted]

427785

[redacted]

Cindy/BRC/WF/ATX/21255

9/10/2013 11:08:48 AM	VARGASME	RANGELD	Ownership Changed		Done	9/10/2013 11:08:48 AM	Service Request Ownership has changed FROM: PENAMA TO: RANGELD

[redacted]

427785

9/10/2013 11:08:23 AM	VARGASME	RANGELD	Research		Done	9/11/2013 09:41:25 AM	2G1125S36E9[redacted]

[redacted]

427785

duplicate file to SR 71-1175282928

Dalia Rangel/pac/atx

9/10/2013 11:08:13 AM	VARGASME	RANGELD	Notify CRM		Done	9/11/2013 09:38:05 AM	File Assigned

[redacted]

427785

Activities

9/10/2013 11:08:01 AM	VARGASME	RANGELD	BRC PAR	Case Assigned	Done	9/11/2013 09:37:52 AM	Assigned to RANGELD x11350
[redacted]						427785	
9/10/2013 11:07:47 AM	VARGASME	PENAMA	SR Opened		Done	9/10/2013 11:07:47 AM	SR in Status of Closed has been Re-Opened by VARGASME
[redacted]						427785	
9/10/2013 11:07:44 AM	VARGASME	PENAMA	SR Closed - Dissatisfied		Done	9/10/2013 11:07:44 AM	Service Request has been Closed Dissatisfied.
[redacted]						427785	
9/10/2013 10:57:30 AM	PENAMA	BRCPARQ	Escalation	CAC to PAC	Done	9/10/2013 11:07:41 AM	CAC to PAC
[redacted]						427785	

Activities

9/10/2013 10:51:39 AM	PENAMA	PENAMA	Inbound Call Customer	Complex Request	Done	9/10/2013 10:56:23 AM	Collision

[redacted] 427785

Date: September 10 2013

Name: National Rent A Car

[redacted] Cooconut Creek FL [redacted]

Cellphone #: ---
BTTC: ---

VIN: 2G1125S36E9[redacted]
Mileage. 3173

Dealership: ---

Reason for Call: complaint vehicle

Cust States:
- brake lamps began to flash and deccelerate and the customer was rear ended by another vehicle
- the customer's name is Tracie Durard
- and we want this investigated by the manufacturer
- it happened on the third of September
- there were injuries im not sure what kind of injuries

Cust seeks:
- have the vehicle inspected

CRS adv:
- let me get a representative from our PAC Dept for this
- all representatives are currently assisting other customers
- will have someone call you back within 1-2 business days

Source:
- CAC Procedures for Product Assistance Claims (PAC)
Document ID: d_108767

Marga / MNL / CAC / T1 / Lvl1

UCC Information

H50	Inoperative	Brakes - Pedal and Linkage

PE14-010

GM

9/19/2014

ATTACHMENT 1

Q 04

Logout

Warranty

September 13, 2013

INTERFACE WITH CUSTOMER

View Vehicle Summary

This screen allows IVH users to view the Summary of Vehicle Information, Field Actions, Service Information, Applicable Warranties, Transaction History, Service Contract(s) if applicable, Warranty Block, Branded Title information and OnStar and XM Radio information (if applicable).

For this vehicle:
- → View Vehicle Summary
  - → Service Contract
  - → Branded Title
  - → Warranty Block
- → View Vehicle Build
- → View Vehicle Component Summary
- → View Vehicle Transaction History Detail
- → View Vehicle Delivery Information

Vehicle Information

VIN: 2G1125S36E9[redacted] Model: 1GY69-2014 IMPALA LT

Service Contract: **No** Branded Title: **No** Warranty Block: **No** PDI Status: **Yes**

Order Type: 50 - FLEET

Field Actions: 0 Open

REQUEST ANOTHER VIN

Required Field Actions

Open field actions are highlighted

Vehicle has no current record of required field actions.

Branded Title

*The VIN information contained herein and information derived therefrom is the proprietary property of The Polk Company and is to be used only for the purpose of warranty verification and shall not be used for any other purpose whatsoever.

Vehicle has no current record of branded titles.

Warranty Block

Vehicle has no current record of warranty block.

Service Information

Vehicle has no current record of outstanding service information.

OnStar and XM Satellite Radio Information

Refer to Help page for details. For OnStar contact 888.ON.STAR1 (888.667.8271) and for XM Radio contact 877.GET.XMST (877.438.9677 Canada) and in the USA:800-556-3600.

OnStar Equipped: Y — OnStar Status: Active

XM Equipped: Y — XM Radio ID: 8495T2MK — XM Status: Active

OnStar Vehicle Diagnostics: N — DMN Enabled: N

Applicable Warranties

Valid warranties are highlighted

Valid	Description	Warranty Add Date	Start Date	Effective Odometer	End Date	End Odometer
	Emission Select Component Ltd Wty	08/07/2013	07/30/2013	9 MI	07/30/2021	80,009 MI
	Corrosion Limited Warranty	08/07/2013	07/30/2013	9 MI	07/30/2019	100,009 MI
	Chevrolet 2 Year Scheduled Maintenance	08/07/2013	07/30/2013	9 MI	07/30/2015	24,009 MI
	Bumper to Bumper Limited Warranty	08/07/2013	07/30/2013	9 MI	07/30/2016	36,009 MI
	Powertrain Limited Warranty	08/07/2013	07/30/2013	9 MI	07/30/2018	100,009 MI

Service Contract

Vehicle has no current record of service contracts.

Transaction History

View Details

Job Card Date	Job Card Number	Transaction Type	Transaction Adjustment	Labour Operation	Odometer Reading
08/13/2013	535180	ZREG----Regular Vehicle Transaction		4027990 - Flexible Fuel Sensor Replacement	1,490 MI
07/31/2013	A29885	ZPDI----Pre-Delivery Inspection		0590072 - Pre-Delivery Inspection - Base Time	1 MI

Warranty

Logout

September 13, 2013

Global Warranty Management: Main > Interface With Customer > **View Vehicle Build**

INTERFACE WITH CUSTOMER

View Vehicle Build

This screen allows IVH users to view the initial build information on the selected VIN including option codes with descriptions (where available).

For this vehicle:

- → View Vehicle Summary
- → Service Contract
- → Branded Title
- → Warranty Block
- → View Vehicle Build
- → View Vehicle Component Summary
- → View Vehicle Transaction History Detail
- → View Vehicle Delivery Information

Vehicle Information

VIN: 2G1125S36E9[redacted]

Model: 1GY69-2014 IMPALA LT

Service Contract: No | Branded Title: No | Warranty Block: No | PDI Status: Yes

Order Type: 50 - FLEET

Field Actions: 0 Open

[redacted]

Vehicle Build

Model: 1GY69-2014 IMPALA LT

Gross Vehicle Weight: 2,166

Order Number: RCJXKN

Build Date: 07/27/2013

Build Plant: 9

Option Codes

*IVH is not the definitive source of GM Vehicle RPO information and is intended for service reference only. Should there be any questions about the vehicle's original build or RPO information please refer to the original vehicle invoice or window sticker.

06D - TRIM COLOR SEAT NONE	1D3 - TRIM COLOR SE PANEL
1SZ - LT PREMIUM PACKAGE DISCOUNT	2LT - 2LT PACKAGE
4AJ - JET BLACK/DARK TITANIUM	6X1 - COMPONENT FRT LH NON-COMPUTER SEL SUSP
7X1 - COMPONENT FRT RH NON-COMPUTER SEL SUSP	8XA - COMPONENT RR LH COMPUTER SEL SUSP (8XA)
9XA - COMPONENT RR RH COMPUTER SEL SUSP (9XA)	A51 - FRONT BUCKET SEATS
A69 - SEAT BELT TENSIONER, FRONT	A6C - SEAT ADJUST, FRT PASS 4-WAY MANUAL, 2 WAY PWR VERTICAL
A70 - SEAT BELT TENSIONER, FRONT	A90 - TRUNK RELEASE, POWER
AE2 - REAR DOOR LOCKOUT SYSTEM	AED - WINDOW, POWER WITH FRONT PASSENGER EXPRESS DOWN
AEQ - POWER WINDOWS, FRONT & REAR WITH EXPRESS DOWN	AG1 - SIX-WAY POWER DRIVER SEAT
AHR - HEAD RESTRAINTS	AKK - WINDSHIELD, LAMINATED GLASS
AKP - GLASS, TINTED	AKX - WINDSHIELD TYPE SOLAR ABSORB
AL0 - AIRBAG SENSING SYSTEM, PASSENGER	APG - PWR SEAT ADJUSTER, DRIVER, 4-WAY LUMBAR
APH - CONTROL SEAT, POWER LUMBAR, RH	AQQ - POWER DOOR LOCKS W/ REMOTE KEYLESS ACCESS
ASV - HUMIDITY/WINDSHIELD TEMP SENSOR	AXG - POWER WINDOW W/ EXPRESS DRIVER UP/DOWN
AXJ - VEHICLE TYPE PASSENGER CAR	AYF - AIRBAGS, DRIVER & PASSENGER FRONTAL AND KNEE FRT/OTBRD RR - HEAD CURTAIN AND SIDE
AYR - HEAD RESTRAINTS, REAR ADJUSTABLE, FOLDING	B0R - GM PRODUCTION WEEK #34
B34 - COLOR-KEYED FRONT FLOOR MATS - CARPETED	B35 - FLOOR MATS, REAR
BTT - PANIC ALARM BUTTON	C1U - FLT-ENTERPRISE RENT A CAR

C59 - VENT AIR CONSOLE RR	CJ2 - AIR CONDITIONING, DUAL ZONE CLIMATE CONTROL
D31 - MIRROR, MANUAL INSIDE RR VIEW	D53 - CONSOLE, FLOOR
D70 - RATIO TRANSAXLE FINAL DRIVE 2.77	D75 - OUTSIDE DOOR HANDLES
DA5 - ARMREST, REAR CENTER	DCP - ONSTAR PROCESSING DIRECTIONS & CONNECTIONS
DH6 - DRIVER VISOR MIRROR-LIGHTED	DLL - POWER DUAL OUTSIDE MIRRORS, HEATED, TURN SIGNAL
E3E - HANDLE O/S, L/GATE, R/CMPT, CHROME	EA1 - FRONT SEAT BACK POCKET LH
EA2 - FRONT SEAT BACK POCKET RH	EF7 - COUNTRY CODE U.S.A.
EWW - TRIM SEAT NONE	FE9 - 50-STATE EMISSIONS
FHS - VEHICLE FUEL GASOLINE E85	FLT - FLEET PROCESSING OPTION
FLY - TRIM DOOR NONE	FX3 - STABILITRAK-STABILITY CONTROL SYSTEM W/ TRACTION CONTROL
GBA - BLACK	GNA - SUSPENSION, FRONT
GNC - SUSPENSION, REAR 4 LINK	H0X - JET BLACK / DARK TITANIUM
I14 - ENGINEERING MODEL YEAR	IO5 - AUDIO SYSTEM, CHEVROLET MYLINK RADIO, AM/FM STEREO W/ CD PLAYER
J61 - ANTILOCK BRAKE SYSTEM, 4 WHEEL DISC	J71 - BRAKE, PARKING
JJ2 - BRAKE LINING	K34 - CRUISE CONTROL
KD4 - POWER OUTLET, FRONT CONSOLE 12 VOLT	KG4 - GENERATOR 150 AMP
KPA - FRONT CONSOLE	LFX - ENGINE 3.6L, SIDI V6
LHD - LEFT HAND DRIVE	M7W - TRANSMISSION, 6-SPEED AUTOMATIC
MAH - MARKETING AREA US, PUERTO RICO/ USVI	MCR - MEMORY CARD
MCY - USB PORTS, 3	MDE - MOLDINGS, BRIGHT WINDOW SURROUND
MM1 - TRANSMISSION, 6-SPD AUTOMATIC	N37 - STEERING COLUMN, TILT AND TELESCOPIC
NCG - REAR DOOR LOCKS, POWER, CHILD SECURITY	NJ2 - POWER STEERING, ELECTRIC
NR0 - LEATHER WRAP STEERING WHEEL	NT7 - FEDERAL EMISSION SYST TIER 2
NWT - TAILPIPE DUAL, TURNED TURNED DOWN. HIDDEN	OSH - PLANT CODE OSHAWA 1, ONT, CANADA
QCL - TIRE, COMPACT SPARE	QGK - TIRES, ALL SEASON BLACKWALL
R6F - IDENTIFY B-CODE USERS	R9N - CONTROL SALES ITEM NO. 89
RT4 - WHEELS, 19" PAINTED ALLOY	RV9 - 17" COMPACT STEEL SPARE WHEEL TIRE (REPLACES COMPACT SPARE TIRE)
T4A - HEADLAMPS, HALOGEN	T67 - BATTERY, RUNDOWN
T83 - HEADLAMP CONTROL AUTO ON/OFF ON-OFF	TU2 - LAMP MARKER, SIDE
U2M - SIRIUSXM AND HD RADIO + SERVICE SUBSCRIPTION SOLD SEPARATELY BY SIRIUSXM AFTER 3 MONTHS	U77 - ANTENNA, ROOF MOUNTED
U80 - COMPASS DISPLAY	UDD - DISPLAY, MULTI-COLOR DRIVER INSTRUMENT INFO ENHANCED
UDT - AUDIO SYSTEM FEATURE, 8" DIAGONAL COLOR INFO DISPLAY, TOUCHCSREEN	UE1 - 6 MTHS ONSTAR DIRECTIONS AND CONNECTIONS WITH AUTOMATIC CRASH RESPONSE & TURN-BY-TURN NAVIGATION (ASK DEALER ABOUT GEOGRAPHIC
UH1 - SEAT BELT WARNING	UJM - TIRE PRESSURE MONITOR SYSTEM (EXCL SPARE TIRE)
UMN - SPEEDOMETER	UQG - AUDIO SYSTEM, 6 SPEAKER, 100 WATTS
UTJ - THEFT DETERRENT SYSTEM DETERRENT SYSTEM	V33 - TOOL KIT
V8D - VEHICLE STATEMENT US	VQ2 - FLEET ORDERING AND ASSISTANCE
VRG - VAA/COMPONENT REL COCKPIT	VRH - VAA/COMPONENT REL STEERING COLUMN
VRK - VAA/COMPONENT REL ROOF TRIM	VRL - VAA/COMPONENT REL FRONT HORIZONTAL SUSPENSION

VRM - VAA/COMPONENT REL FRONT VERTICAL SUSPENSION	VRN - VAA/COMPONENT REL REAR SUSPENSION
VRR - VAA/COMPONENT REL TIRES AND WHEELS	VX7 - FLT-PURCHASE RISK PROGRAM
VY7 - LEATHER TRIMMED SHIFT LEVER	VZE - MODEL YEAR 2014
W1Y - STEERING WHEEL CONTROLS	XL7 - FREQUENCY RATING 315 MH

Added Option Codes

Vehicle has no current record of SAIO codes.

Logout

Warranty

September 13, 2013

Global Warranty Management: Main > Interface With Customer > **View Vehicle Component Summary**

INTERFACE WITH CUSTOMER

View Vehicle Component Summary

This screen allows IVH users to view the information on various major components added to the VIN selected during vehicle build.

For this vehicle:

- View Vehicle Summary
  - Service Contract
  - Branded Title
  - Warranty Block
- View Vehicle Build
- View Vehicle Component Summary
- View Vehicle Transaction History Detail
- View Vehicle Delivery Information

Vehicle Information

VIN: 2G1125S36E9[redacted] Model: 1GY69-2014 IMPALA LT

Service Contract: **No** Branded Title: **No** Warranty Block: **No** PDI Status: **Yes**

Order Type: **50 - FLEET**

Field Actions: 0 Open

[redacted]

Vehicle Component

Component Code: **10-ENGINE ASSEMBLY** Traceability: **132061015**
Source Plant: **K-GM OF CANADA, LTD. ST. CATHARINES, ONTARIO** Part / Number Broadcast:
Date Scanned: **07/27/2013** Time Scanned: **10:28:00** Scan Station:

Component Code: **61-TRANSMISSION** Traceability: **3203B1624**
Source Plant: **W-HYDRAMATIC WARREN, MICHIGAN** Part / Number Broadcast:
Date Scanned: **07/27/2013** Time Scanned: **10:36:00** Scan Station:

Component Code: **86-ELECTRONIC CONTROL MODULE (ECM)** Traceability: **132001752**
Source Plant: **C-** Part / Number Broadcast: **AA1H**
Date Scanned: **07/27/2013** Time Scanned: **17:21:00** Scan Station: **03**

Component Code: **87-BODY CONTROL MODULE** Traceability: **131780236**
Source Plant: **G-** Part / Number Broadcast: **9093**
Date Scanned: **07/27/2013** Time Scanned: **17:21:00** Scan Station: **03**

Component Code: **89-RADIO/RADIO AMPLIFIER** Traceability: **NK1134500**
Source Plant: **E-** Part / Number Broadcast: **5521**
Date Scanned: **07/27/2013** Time Scanned: **17:21:00** Scan Station: **03**

Component Code: **AB-IR-MODULE ASM-INFLATOR** Traceability:
Source Plant: **-** Part / Number Broadcast:
Date Scanned: **N/A** Time Scanned: **N/A** Scan Station: **03**

Component Code: **AH-IR-SENSOR ASM-LEFT** Traceability: **00F7A8D01**
Source Plant: **E-METHODE ELECTRONICS CARTHAGE IL.** Part / Number Broadcast: **4470**
Date Scanned: **07/27/2013** Time Scanned: **17:21:00** Scan Station: **03**

Component Code: **AJ-IR-SENSOR ASM-RIGHT** Traceability: **0497C8D01**
Source Plant: **E-METHODE ELECTRONICS CARTHAGE IL.** Part / Number Broadcast: **4470**
Date Scanned: **07/27/2013** Time Scanned: **17:21:00** Scan Station: **03**

Component Code: **AL-IR-MODULE ASM-I/P** Traceability:
Source Plant: **-** Part / Number Broadcast:

Date Scanned: N/A Time Scanned: N/A Scan Station: 03

Component Code: AP-RH SIDE IMPACT AIRBAG MODULE Traceability:
Source Plant: - Part / Number Broadcast:
Date Scanned: N/A Time Scanned: N/A Scan Station: 03

Component Code: AQ-LH SIDE IMPACT AIRBAG MODULE Traceability:
Source Plant: - Part / Number Broadcast:
Date Scanned: N/A Time Scanned: N/A Scan Station: 03

Component Code: AS-SENSING DIAGNOSTIC MODULE Traceability:
Source Plant: - Part / Number Broadcast:
Date Scanned: 07/27/2013 Time Scanned: 17:21:00 Scan Station: 03

Component Code: AT-RIGHT SIDE IMPACT SENSING MODULE Traceability: 0106B47D0
Source Plant: E-METHODE ELECTRONICS CARTHAGE IL. Part / Number Broadcast: 6422
Date Scanned: 07/27/2013 Time Scanned: 17:21:00 Scan Station: 03

Component Code: AU-LEFT SIDE IMPACT SENSING MODULE Traceability: 0B55B47D0
Source Plant: E-METHODE ELECTRONICS CARTHAGE IL. Part / Number Broadcast: 6422
Date Scanned: 07/27/2013 Time Scanned: 17:21:00 Scan Station: 03

Component Code: BR-SENSOR ASSY - (PSIR) PRESENCE DETECTOR Traceability: 170300WEG
Source Plant: R- Part / Number Broadcast: 1686
Date Scanned: 07/27/2013 Time Scanned: 17:21:00 Scan Station: 03

Component Code: BV-COMMUNICATIONS INTERFACE MODULE Traceability:
Source Plant: - Part / Number Broadcast:
Date Scanned: 07/27/2013 Time Scanned: 17:21:00 Scan Station: 03

Component Code: CB-SEQ NUM (FLEX) BODY ASM Traceability: 3400547
Source Plant: - Part / Number Broadcast: 1ZZ
Date Scanned: 07/23/2013 Time Scanned: 00:18:00 Scan Station:

Component Code: CF-SEQ NUM (FLEX) PAINT PROCESS Traceability: 0550900
Source Plant: - Part / Number Broadcast: 1PP
Date Scanned: 07/26/2013 Time Scanned: 13:05:00 Scan Station:

Component Code: CP-SEQ NUM (FLEX) GEN ASM Traceability: 0549988
Source Plant: - Part / Number Broadcast: 1GA
Date Scanned: 07/27/2013 Time Scanned: 05:38:00 Scan Station:

Component Code: GA---- Traceability: C31831201
Source Plant: D- Part / Number Broadcast: 4299
Date Scanned: 07/27/2013 Time Scanned: 17:21:00 Scan Station: 03

Service Agent Installed Component

Vehicle has no current record of vehicle component.

Warranty

Logout

September 13, 2013

Global Warranty Management: Main > Interface With Customer > **View Vehicle Transaction History Detail**

INTERFACE WITH CUSTOMER

View Vehicle Transaction History Detail

This screen allows IVH users to view the available information on individual transaction for the VIN selected.

For this vehicle:

- → View Vehicle Summary
  - → Service Contract
  - → Branded Title
  - → Warranty Block
- → View Vehicle Build
- → View Vehicle Component Summary
- › View Vehicle Transaction History Detail
- → View Vehicle Delivery Information

Vehicle Information

VIN: 2G1125S36E9[redacted] Model: 1GY69-2014 IMPALA LT

Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes

Order Type: 50 - FLEET

Field Actions: 0 Open

REQUEST ANOTHER VIN

Job Card Date: 08/13/2013 **Job Card Number: 535180**

Repair Service Agent: 112630

SANDY SANSING CHEVROLET, INC.
6200 PENSACOLA BLVD
PENSACOLA FL 32505-2214
8504762480

Odometer Reading: **1,490 MI**

Authorization Code:

Process Date:
08/15/2013

Transaction Type:
ZREG----Regular Vehicle Transaction

Transaction Expense Category:
Warranty

Customer Complaint Code:
0329-Engine/Fuel/Exhaust - SES/Check-Engine/MIL

Job Card Line #: **1** Transaction Adjustment: Cause Code: **6581-Module/Component - Registers Incorrectly**

Labour Op **4027990-Flexible Fuel Sensor Replacement**

Causal Part Number **000000000013577429-SENSORASM-FLEXFUEL**

›See other Parts and/or Net Items

Job Card Date: 07/31/2013 **Job Card Number: A29885**

Repair Service Agent: 125828

EAN HOLDINGS, LLC
6211 TIPPIN AVE.
PENSACOLA FL 32504-8221

Odometer Reading: **1 MI**

Authorization Code:

Process Date:
07/31/2013

Transaction Type:
ZPDI----Pre-Delivery Inspection

Transaction Expense Category:
Pre-Delivery Inspection

Customer Complaint Code:
-

Job Card Line #: 1 Transaction Adjustment: Cause Code: -

Labour Op 0590072-Pre-Delivery Inspection - Base Time

Causal Part Number

Logout

Warranty

September 13, 2013

INTERFACE WITH CUSTOMER

View Vehicle Delivery Information

This screen allows IVH users to view the available information for the selected VIN delivered to the Service Agent and the ultimate customer. Not all sections will be populated for all VINs.

For this vehicle:
- View Vehicle Summary
- Service Contract
- Branded Title
- Warranty Block
- View Vehicle Build
- View Vehicle Component Summary
- View Vehicle Transaction History Detail
- View Vehicle Delivery Information

Vehicle Information

VIN: 2G1125S36E9[redacted]

Model: 1GY69-2014 IMPALA LT

Service Contract: No | Branded Title: No | Warranty Block: No | PDI Status: Yes

Order Type: 50 - FLEET

Field Actions: 0 Open

REQUEST ANOTHER VIN

Invoice Information

Invoicing Service Agent: 111304
ELCO CHEVROLET AND CADILLAC, INC.
15110 MANCHESTER
BALLWIN MO 63011-4632 6362275333

Invoice Date: 07/29/2013

Ship to Information

Ship to Service Agent: 141536
NATIONAL CAR RENTAL
6211 TIPPIN AVE
PENSACOLA FL 32504-8221

Ship to Date: N/A

Delivery Information

Delivery Service Agent: 111304
ELCO CHEVROLET AND CADILLAC, INC.
15110 MANCHESTER
BALLWIN MO 63011-4632 6362275333

Delivery Date: 07/30/2013
Delivery Type: 020---DAILY RENTAL
Delivery Odometer: 9

In Service Information

Invoicing Service Agent:

In Service Date: N/A
In Service Type: 0000
In Service Odometer: 0

Registration Information

Registration Service Agent: N/A

Registration Date: N/A
Registration Number: N/A
Registration Odometer: 0

PE14-010

GM

9/19/2014

ATTACHMENT 1

Q 04

This CARFAX Vehicle History Report provided free of charge by:

ESIS GM
300 Renaissance Center Mc 482 C19 B61
Detroit, MI 48265
586-212-2141

SHOW ME THE CARFAX

CARFAX® Vehicle History Report™

An independent company established in 1986

US $39.99

Vehicle Information:
2014 CHEVROLET IMPALA LT
VIN: 2G1125S36E9[redacted]
SEDAN 4 DR
3.6L V6 DIR DOHC 24V
FRONT WHEEL DRIVE
Standard Equipment | Safety Options

CARFAX Report Provided By:
ESIS GM
300 Renaissance Center Mc 482 C19 B61
Detroit, MI 48265
586-212-2141

- Accident / Damage reported
- CARFAX 1-Owner vehicle
- **1** Service record available
- Lease vehicle
- **1,505** Last reported odometer reading
- **$430** Below retail book value

This CARFAX Vehicle History Report is based only on information supplied to CARFAX and available as of 9/16/13 at 10:25:15 AM (EDT). Other information about this vehicle, including problems, may not have been reported to CARFAX. Use this report as one important tool, along with a vehicle inspection and test drive, to make a better decision about your next used car.

CARFAX Price Calculator™

Adjust the value of this 2014 Chevrolet Impala LT based on the information available in this report

1) Retail Book Value	2) CARFAX Price Adjustment™	3) Adjusted Retail Value
$ 0	- $430	Begin by entering the retail book value
Enter retail book value here	Below retail book value	

Start by entering the retail book value from a pricing guide website.

This vehicle is worth less than average, based on information in this report.

Compare adjusted retail value to seller's asking price when making your decision.

CARFAX Ownership History

The number of owners is estimated

	Owner 1
Year purchased	2013
Type of owner	Lease

Estimated length of ownership	1 month
Owned in the following states/provinces	Florida
Estimated miles driven per year	---
Last reported odometer reading	1,505

CARFAX Title History

CARFAX guarantees the information in this section

	Owner 1
Salvage | Junk | Rebuilt | Fire | Flood | Hail | Lemon	**Guaranteed** No Problem
Not Actual Mileage | Exceeds Mechanical Limits	**Guaranteed** No Problem

GUARANTEED - None of these major title problems were reported by a state Department of Motor Vehicles (DMV). If you find that any of these title problems were reported by a DMV and not included in this report, CARFAX will buy this vehicle back. **Register \| View Terms \| View Certificate**

CARFAX Additional History

Not all accidents / issues are reported to CARFAX

	Owner 1
Total Loss No total loss reported to CARFAX.	No Issues Reported
Structural Damage No structural damage reported to CARFAX.	No Issues Reported
Airbag Deployment No airbag deployment reported to CARFAX.	No Issues Reported
Odometer Check No indication of an odometer rollback.	No Issues Indicated
Accident / Damage Accident reported on 09/03/2013.	Accident Reported
Manufacturer Recall Check with an authorized General Motors dealer for any open recalls.	No Recalls Reported
Basic Warranty No data reported to CARFAX.	No Data Reported

CARFAX Detailed History

Glossary

Owner 1

Purchased:	2013
Type:	Lease
Where:	Florida
Est. length owned:	8/6/13 present (1 month)

Date:	Mileage:	Source:	Comments:
08/06/2013	10	Florida Motor Vehicle Dept. Tulsa, OK	Vehicle purchase reported
08/07/2013		Florida Motor Vehicle Dept. Tulsa, OK Title [redacted]	Title issued or updated Registration issued or renewed First owner reported Titled or registered as lease vehicle Vehicle color noted as Black

Two states? Vehicle leasing companies often title a car in one state but register it to be driven in another.

08/13/2013	1,505	Sandy Sansing Chevrolet Pensacola, FL 850-476-2480 sandysansing.com	Engine checked
09/03/2013		Florida Damage Report	Accident reported With another motor vehicle Vehicle towed

I'm here to help! Print and bring my SmartBuyer Checklist when you go to test drive this 2014 Chevrolet Impala LT.

Have Questions? Consumers, please visit our Help Center at www.carfax.com. Dealers or Subscribers, please visit our Help Center at www.carfaxonline.com.

CARFAX Glossary

View Full Glossary

Accident / Damage Indicator
CARFAX receives information about accidents in all 50 states, the District of Columbia and Canada. Different information in a vehicle's history can indicate an accident or damage, such as: salvage auction, fire damage, police-reported accident, crash test vehicle, damage disclosure, collision repair facility and automotive recycler records. Not every accident or damage event is reported and not all reported are provided to CARFAX. Details about the accident or damage event when reported to CARFAX (e.g. severity, impact location, airbag deployment) are included on the Vehicle History Report. CARFAX recommends you obtain a vehicle inspection from your dealer or an independent mechanic.

- According to the National Safety Council, Injury Facts, 2007 edition, 7% of the 245 million registered vehicles in the U.S. were involved in an accident in 2005. Over 75% of these were considered minor or moderate.
- CARFAX depends on many sources for its accident / damage data. CARFAX can only report what is in our database on 9/16/13 at 10:25:15 AM (EDT). New data will result in a change to this report.

Florida Police Reports:

- Provide an estimate of the extent of damage in its accident reports for the following:
  - SEVERE/TOTALED: The vehicle cannot be driven from the accident scene due to severe damage or an injury. This level of damage often results in a Salvage or Junk title.
  - DISABLED: The vehicle had to be towed or hauled away from the accident location.
  - FUNCTIONAL: The vehicle could be driven from the accident location.
  - MODERATE: The accident damage affects the operation of the vehicle and/or its parts. Examples include broken windows, trunk lids, doors, bumpers and tires.
  - MINOR: The accident damage does not affect the operation of the vehicle. Examples include dented bumpers, fenders, grills and body panels. This level of accident should not compromise vehicle safety.
  - NO DAMAGE: The vehicle was not damaged.
- Are required if the estimated damage exceeds $500

CARFAX Price Adjustment™
Accidents, service records, number of owners and many other history factors can affect a vehicle's value. The CARFAX Price Adjustment is a tool that analyzes millions of used car transactions to measure how the combination of all the information reported to CARFAX affects the value of a particular vehicle. The vehicle's retail book value plus the CARFAX Price Adjustment will give you a

more accurate measure of the vehicle's value. Use this tool, along with a vehicle inspection and test drive, to make a better decision about your next used car.

First Owner
When the first owner(s) obtains a title from a Department of Motor Vehicles as proof of ownership.

Lease
When someone leases a car from a dealer, the dealer actually sells the vehicle to a leasing company. The leasing company then collects payments for the vehicle from the new owner for 24, 36, 48 or more months. A leasing company can be an independent car dealer or a car manufacturer.

Ownership History
CARFAX defines an owner as an individual or business that possesses and uses a vehicle. Not all title transactions represent changes in ownership. To provide estimated number of owners, CARFAX proprietary technology analyzes all the events in a vehicle history. Estimated ownership is available for vehicles manufactured after 1994 and titled solely in the US including Puerto Rico. Dealers sometimes opt to take ownership of a vehicle and are required to in the following states: Maine, Massachusetts, New Jersey, Ohio, Oklahoma, Pennsylvania and South Dakota. Please consider this as you review a vehicle's estimated ownership history.

Title Issued
A state issues a title to provide a vehicle owner with proof of ownership. Each title has a unique number. Each title or registration record on a CARFAX report does not necessarily indicate a change in ownership. In Canada, a registration and bill of sale are used as proof of ownership.

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9/16/13 10:25:15 AM (EDT)

CARFAX

VEHICLE HIGHLIGHTS

2014 CHEVROLET IMPALA LT
VIN: 2G1125S36E9[redacted]
Body Style: SEDAN 4 DR
Engine Size: 3.6L V6 DIR DOHC 24V
Drivetrain: FRONT WHEEL DRIVE

CARFAX 1 OWNER

OWNERSHIP HISTORY:

Number of Owners: CARFAX 1 OWNER

Last owned in the following state/province:	Florida

STATE DMV-REPORTED TITLE PROBLEMS:

None of these major title problems were reported by a state Department of Motor Vehicles: CARFAX BUYBACK GUARANTEE

Salvage, Junk, Rebuilt, Fire, Flood, Hail, Lemon	Guaranteed No Problem
Not Actual Mileage, Exceeds Mechanical Limits	Guaranteed No Problem

ACCIDENTS AND OTHER ISSUES:

No issues reported to CARFAX on the following:

Total Loss	✓ No Issues Reported
Structural Damage	✓ No Issues Reported
	✓ No Issues

Courtesy of

ESIS GM

300 Renaissance Center Mc 482 C19 B61
Detroit, MI 48265
586-212-2141

Information excerpted from the CARFAX Vehicle History Report and/or Safety & Reliability Ratings; see full reports for additional information, glossary of terms, source attributions,disclaimers & limitations. Go to carfax.com for complete Buyback Guarantee terms and conditions.

Airbag Deployment	Reported
Odometer Rollback	✅ No Issues Reported

Accident reported on this vehicle. Please see the full CARFAX Vehicle History Report for more details.

Ask your dealer for the full CARFAX® Vehicle History Report™

PE14-010

GM

9/19/2014

ATTACHMENT 1

Q 04

esis

ESIS/GM Central Claims Unit
PO Box 300
Mail Code 482 C19 B61
Detroit, MI 48265-3000

313.665.3387 *tel*
248.707.1653 *fax*

Lawrence Harrington
Claims Administrator
lawrence harrington@gm.com

9/16/13

Jack Flechaus
ELCO Administrative Services

RE: Claimant: [redacted]
Our File No.:
Our Client: General Motors LLC
Date/Event: 9/3/2013

Dear Mr. Flechaus:

I am writing to confirm our conversation of 9/16/13 regarding the accident of 9/3/13 in a 2014 Chevrolet Impala. ESIS provides administrative claims handling services to General Motors LLC (GM) in connection with product liability claims against GM. They have referred your claim to our office for further handling. Please address all future correspondence to my attention.

Per our conversation, you agreed to allow us to inspect your 204 Chevrolet Impala and retrieve data from the air bag system. I estimate the inspection will take about three (3) hours.

As part of the inspection, we will likely take photographs and measurements. Also, your vehicle is equipped with an air bag Sensing and Diagnostic Module (SDM). As explained in the Owner's Manual, in addition to its other functions, the SDM records information about the air bag system and other crash related data in an air bag deployment event and some near-deployment crashes. The SDM in your vehicle also records the following pre-crash data: vehicle speed, throttle position, brake application and engine RPM for 5 seconds prior to the deployment or near deployment event. As part of our investigation, we will download the SDM data using the Bosch Crash Data Retrieval System software. We will provide you with a copy of that data at the time we retrieve it or as soon after as is practical.

Please note the potential GM uses of this crash data once GM has a copy in its files. Once collected, the SDM crash data is available for GM's research needs. Also, in summary form, this information may be provided to non-GM organizations (i) which have a reasonable need for it, (ii) which have a demonstrated ability to utilize such data, and (iii) which are expected to use it for studies aimed at improving safety to the benefit of the public at large, the auto industry, or GM. However, information which ties SDM crash data to a particular vehicle, such as VIN, owner name, or date and location, will generally not be disclosed by GM other than (a) to the involved owner/lessee or his/her designated agent, (b) in response to an official request of police or similar government office, (c) for research where appropriate confidentiality is maintained and need is shown, (d) as part of GM’s defense of litigation involving the subject vehicle or other GM products, or (e) as otherwise required by law.

esis

To assist us in the investigation of your claim, we request that you provide us with the following information:

1. Documentation to substantiate the amount of damages to your vehicle;
2. Original photographs (or color copies) taken by you, or someone on your behalf, of the vehicle that is the basis of your claim;
3. Copy of accident report;
4. Copy of all maintenance records;
5. Statement of facts of the accident.

Once we have completed our investigation, a review of your claim will be conducted.

Please be advised that you have an obligation and responsibility to ensure that the subject vehicle and its related components are maintained and preserved in their immediate post-incident condition for as long as you intend to pursue a claim and/or cause of action.

Should you have any questions regarding this letter or your claim, please feel free to contact me directly at 313.665.3387, Monday through Friday, 7:00 a.m. to 3:00 p.m., EST.

Sincerely,

Lawrence Harrington

Lawrence Harrington
Claims Administrator

PE14-010

GM

9/19/2014

ATTACHMENT 1

Q 04

CDR File Information

User Entered VIN	2G1125S36E9[redacted]
User	
Case Number	[redacted]
EDR Data Imaging Date	10/02/2013
Crash Date	09/03/2013
Filename	2G1125S36E9[redacted] ACM.CDRDURAND.CDRX
Saved on	Wednesday, October 2 2013 at 11:37:11
Collected with CDR version	Crash Data Retrieval Tool 11.1.1
Reported with CDR version	Crash Data Retrieval Tool 11.1.1
EDR Device Type	Airbag Control Module
Event(s) recovered	Non-Deployment

IMPORTANT NOTICE: Robert Bosch LLC and the manufacturers whose vehicles are accessible using the CDR System urge end users to use the latest production release of the Crash Data Retrieval system software when viewing, printing or exporting any retrieved data from within the CDR program. Using the latest version of the CDR software is the best way to ensure that retrieved data has been translated using the most current information provided by the manufacturers of the vehicles supported by this product.

Data Limitations

Recorded Crash Events:

There are two types of recorded crash events for Front, Side, and Rear (FSR) Events. The first is the Non-Deployment Event. A Non-Deployment Event records data but does not deploy the air bag(s). The minimum SDM Recorded Vehicle Velocity Change, that is needed to record a Non-Deployment Event, is five MPH [8 km/h]. A Non-Deployment Event contains Pre-Crash and Crash data. The oldest Non-Deployment event can be overwritten by a Deployment Event, if all three records are full and the Non-Deployment Event is not locked. Non-Deployment Events can be overwritten after approximately 250 ignition cycles. Also, a Non-Deployment event can be recorded if one of the following occurs without the Deployment of any of the frontal air bags, side air bags , or roll bars:

- -Pretensioner(s) only Deployment
- -Head Rest Deployment
- -Battery Cut-Off Deployment

The second type of SDM recorded crash event for FSR Events is the Deployment Event. It also contains Pre-Crash and Crash data. Deployment Events cannot be overwritten or cleared by the SDM.
There are also two types of recorded crash events for Rollover Events. The first is the Non-Deployment (Non-rollover) Event. A Non-Deployment Event records data but does not deploy the air bag(s). A Non-Deployment Event contains Pre-Crash and Crash data. Non-Deployment Rollover event follow the same rules as FSR Non-Deployment events.
The SDM can store up to three Events.

Data:

For FSR Events, SDM Recorded Vehicle Velocity Change reflects the change in velocity that the sensing system experienced during the recorded portion of the event. SDM Recorded Vehicle 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. For Deployment and Non-Deployment Events, the SDM will record 300 milliseconds of data after time zero. The SDM will also record 300 milliseconds of Vehicle Acceleration data after time zero.
For Rollover Events, the SDM may record Lateral Acceleration, Vertical Acceleration, and Roll Rate data, if the SDM is rollover capable. This data reflects what the sensing system experienced during the recorded portion of the event. For Non-Deployment (Non-rollover) Events, the SDM will record 1 second of data before a calibrated angle threshold is reached. For Rollover Deployment Events, the SDM will record up to 700 milliseconds of data before the Deployment criteria is met and 290 milliseconds after the Deployment criteria is met.
-Deployment loops may be displayed as being deployed in a Non-Deployment event record, if a Deployment event is qualified during the Non-Deployment event. That is, if two or more events are occurring at the same time and one is a Non-Deployment event and one of the others is a Deployment event, and the Deployment event is qualified while the Non-Deployment is still active, the deployed loops may be recorded in the Non-Deployment event record.
-Deployment loops can only be deployed once per module power cycle.
-Time between events is recorded in 10 msec intervals and is displayed in seconds for a maximum time of 655.33 seconds. The counter measures the time from the start of one event to the start of the next event if both events occur within the same ignition cycle.
-The Maximum SDM Recorded Vehicle Velocity Change may occur between the recorded 10 millisecond sample points of the SDM Recorded Vehicle Velocity Change.
-Event Recording Complete will indicate if data from the recorded event has been fully written to the SDM memory or if it has been interrupted and not fully written.
-SDM Recorded Vehicle Speed accuracy can be affected by various factors, including but not limited to the following:

- -Significant changes in the tire's rolling radius

-Final drive axle ratio changes
-Wheel lockup and wheel slip
-Brake Switch Circuit Status indicates the open/closed state of the brake switch circuit.
-Pre-Crash data is recorded asynchronously. The 0.5 second Pre-crash data value (most recent recorded data point) is the data point last sampled before Time Zero. That is to say, the last data point may have been captured just before Time Zero but no more than 0.5 second before Time Zero. All subsequent Pre-crash data values are referenced from this data point.
-Pre-Crash Electronic Data Validity Check Status indicates "Data Invalid" if:
-The SDM receives a message with an "invalid" flag from the module sending the pre-crash data
-Pre-Crash Electronic Data Validity Check Status indicates "Data Not Available" if:
-No data is received from the module sending the pre-crash data
-Belt Switch Circuit Status indicates the status of the seat belt switch circuit.
-The ignition cycle counter will increment when the power mode cycles from OFF/Accessory to RUN. Applying and removing of battery power to the module will not increment the ignition cycle counter.
-Ignition Cycles Since DTCs Were Last Cleared can record a maximum value of 253 cycles and can only be reset by a scan tool.
-Deployment Event Counter tracks the number of Deployment events that have occurred during the SDM's lifetime.
-Event Counter tracks the number of qualified events (either Deployments, Non-deploy, or Rollover events) that have occurred during the SDM's lifetime.
-The Time Zero to Deployment Command Criteria Met times for the following will be indicated for whichever occurs first:
-Driver Thorax or Driver Curtain
-Passenger Thorax or Passenger Curtain
-Driver Pretensioner Loop #1 or Driver Pretensioner Loop #2
-Passenger Pretensioner Loop #1 or Passenger Pretensioner Loop #2
-For Deployment Events, DTC B0052 (Deployment commanded) shall be recorded with the remainder of the data for this event even though it occurred after Event Enable.
-Once a firing loop has been commanded to be deployed, it will not be commanded to be deployed again during the same ignition cycle. Firing loop times for subsequent deployment type events, during the same ignition cycle, will record the deployment times as N/A.
-The GM parameter name is displayed in parentheses after the NHTSA Part 563 parameter name.
-The reported range of the longitudinal and lateral acceleration values is approximately ± 50 g.
-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:
-Vehicle Status Data (Pre-Crash) is transmitted by the Body Control Module, via the vehicle's communication network.
-The Belt Switch Circuit is wired directly to the SDM.

Data Element Sign Convention:
The following table provides an explanation of the sign notation for data elements that may be included in this CDR report. Directional references to sign notation are all from the perspective of the driver when seated in the vehicle facing the direction of forward vehicle travel.

Data Element	Positive Sign Notation
Longitudinal Acceleration	Forward
Longitudinal Velocity Change	Forward
Lateral Acceleration	Left to Right
Lateral Velocity Change	Left to Right
Vertical Acceleration	Downward
Roll Rate	Clockwise Rotation

Hexadecimal Data:
Data that the vehicle manufacturer has specified for data retrieva l 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 ad ditional data that is not retrievable by the CDR tool.

01049_SDM30-autoliv_r006

Event Data General (part one)

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DPID $32 Bytes 2-3	$0118	Ignition Cycle, Download (Ignition Cycles at Investigation)	280	counts
DID $01 Bytes 0-1	$4155	ESS # 1 Traceability Data, Component Identifier	AU	
DID $01 Bytes 2-5	$36343232	ESS # 1 Traceability Data, Part Number/Broadcast Code	6422	
DID $01 Byte 6	$45	ESS # 1 Traceability Data, Supplier Code	E	
DID $01 Bytes 7-15	$3042353542343 74430	ESS # 1 Traceability Data, Traceability Number	0B55B47D0	
DID $03 Bytes 0-1	$4154	ESS # 2 Traceability Data, Component Identifier	AT	
DID $03 Bytes 2-5	$36343232	ESS # 2 Traceability Data, Part Number/Broadcast Code	6422	
DID $03 Byte 6	$45	ESS # 2 Traceability Data, Supplier Code	E	
DID $03 Bytes 7-15	$3031303642343 74430	ESS # 2 Traceability Data, Traceability Number	0106B47D0	
DID $05 Bytes 0-1	$4148	ESS # 3 Traceability Data, Component Identifier	AH	
DID $05 Bytes 2-5	$34343730	ESS # 3 Traceability Data, Part Number/Broadcast Code	4470	
DID $05 Byte 6	$45	ESS # 3 Traceability Data, Supplier Code	E	
DID $05 Bytes 7-15	$3030463741384 43031	ESS # 3 Traceability Data, Traceability Number	00F7A8D01	
DID $07 Bytes 0-1	$414A	ESS # 4 Traceability Data, Component Identifier	AJ	
DID $07 Bytes 2-5	$34343730	ESS # 4 Traceability Data, Part Number/Broadcast Code	4470	
DID $07 Byte 6	$45	ESS # 4 Traceability Data, Supplier Code	E	
DID $07 Bytes 7-15	$3034393743384 43031	ESS # 4 Traceability Data, Traceability Number	0497C8D01	
DID $09 Bytes 0-1	$4441	ESS # 5 Traceability Data, Component Identifier	DA	
DID $09 Bytes 2-5	$34343730	ESS # 5 Traceability Data, Part Number/Broadcast Code	4470	
DID $09 Byte 6	$45	ESS # 5 Traceability Data, Supplier Code	E	
DID $09 Bytes 7-15	$3045323636383 63031	ESS # 5 Traceability Data, Traceability Number	0E2668601	
DID $0B Bytes 0-1	$4442	ESS # 6 Traceability Data, Component Identifier	DB	
DID $0B Bytes 2-5	$34343730	ESS # 6 Traceability Data, Part Number/Broadcast Code	4470	
DID $0B Byte 6	$45	ESS # 6 Traceability Data, Supplier Code	E	
DID $0B Bytes 7-15	$3031314231384 33031	ESS #6 Traceability Data, Traceability Number	011B18C01	
DID $0D Bytes 0-1	$3030	ESS # 7 Traceability Data, Component Identifier	00	
DID $0D Bytes 2-5	$30303030	ESS # 7 Traceability Data, Part Number/Broadcast Code	0000	
DID $0D Byte 6	$30	ESS # 7 Traceability Data, Supplier Code	0	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $0D Bytes 7-15	$30303030303030303030	ESS # 7 Traceability Data, Traceability Number	000000000	
DID $0F Bytes 0-1	$3030	ESS # 8 Traceability Data, Component Identifier	00	
DID $0F Bytes 2-5	$30303030	ESS # 8 Traceability Data, Part Number/Broadcast Code	0000	
DID $0F Byte 6	$30	ESS # 8 Traceability Data, Supplier Code	0	
DID $0F Bytes 7-15	$30303030303030303030	ESS # 8 Traceability Data, Traceability Number	000000000	
DID $30 Byte 0	$00	Dynamic Deployment Event Counter	0	counts
DID $30 Bytes 1-2	$0001	Multi-Event, Number of Events (Dynamic Event Counter)	1	counts
DID $30 Byte 3	$01	Dynamic OnStar Notification Event Counter	1	counts

Event Record #1 Data

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 0	$A5	Complete File Recorded (Event Recording Complete)	Yes	
DID $31 Byte 1, bit 7	$78	Event Record Type	Non-Deployment	
DID $31 Byte 1, bit 6	$78	Crash Record Locked	Yes	
DID $31 Byte 1, bit 5	$78	OnStar Deployment Status Data Sent	Yes	
DID $31 Byte 1, bit 4	$78	OnStar SDM Recorded Vehicle Velocity Change Data Sent	Yes	
DID $31 Byte 1, bit 3	$78	High Voltage Disable Notification Sent	Yes	
DID $31 Byte 1, bit 2	$78	Deployment Commanded in Energy Reserve Mode	No	
DID $31 Byte 2	$00	Deployment Event Counter	0	counts
DID $31 Bytes 3-4	$0001	Multi-Event, Number of Events (Event Counter)	1	counts
DID $31 Byte 5	$01	OnStar Notification Event Counter	1	counts
DID $31 Byte 6, bit 3	$0C	Algorithm Active: Rear	Yes	
DID $31 Byte 6, bit 2	$0C	Algorithm Active: Rollover	Yes	
DID $31 Byte 6, bit 1	$0C	Algorithm Active: Side	No	
DID $31 Byte 6, bit 0	$0C	Algorithm Active: Frontal	No	
DID $31 Bytes 7-8	$0107	Ignition Cycle, Crash (Ignition Cycles at Event)	263	counts
DID $31 Bytes 9-10	$FFFF	Time From Event 1 to 2 (Time Between Events)	Data Not Available	seconds
DID $31 Byte 11 bit 0	$00	Concurrent Event Flag Set	No	
DID $31 Byte 14, bit 7	$40	Event Severity Status: Rollover	No	
DID $31 Byte 14, bit 6	$40	Event Severity Status: Rear	Yes	
DID $31 Byte 14, bit 5	$40	Event Severity Status: Right Side	No	
DID $31 Byte 14, bit 4	$40	Event Severity Status: Left Side	No	
DID $31 Byte 14, bit 3	$40	Event Severity Status: Frontal Stage 2	No	
DID $31 Byte 14, bit 2	$40	Event Severity Status: Frontal Stage 1	No	
DID $31 Byte 14, bit 1	$40	Event Severity Status: Frontal Pretensioner	No	
DID $31 Byte 15 bit 7	$03	Driver 1st Stage Deployment Loop Commanded	No	
DID $31 Byte 15 bit 6	$03	Passenger 1st Stage Deployment Loop Commanded	No	
DID $31 Byte 15 bit 5	$03	Driver 2nd Stage Deployment Loop Commanded	No	
DID $31 Byte 15 bit 3	$03	Passenger 2nd Stage Deployment Loop Commanded	No	
DID $31 Byte 15 bit 1	$03	Driver Pretensioner Deployment Loop #1 Commanded	Yes	
DID $31 Byte 15 bit 0	$03	Passenger Pretensioner Deployment Loop #1 Commanded	Yes	
DID $31 Byte 16 bit 7	$C0	Driver Pretensioner Deployment Loop #2 Commanded (If Equipped)	Yes	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 16 bit 6	$C0	Passenger Pretensioner Deployment Loop #2 Commanded (If Equipped)	Yes	
DID $31 Byte 16 bit 5	$C0	Driver Thorax Loop Commanded (If Equipped)	No	
DID $31 Byte 16 bit 4	$C0	Passenger Thorax Loop Commanded (If Equipped)	No	
DID $31 Byte 16 bit 3	$C0	Left Row 2 Thorax Loop Commanded (If Equipped)	No	
DID $31 Byte 16 bit 2	$C0	Right Row 2 Thorax Loop Commanded (If Equipped)	No	
DID $31 Byte 16 bit 1	$C0	Driver Row 1 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $31 Byte 16 bit 0	$C0	Passenger Row 1 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 7	$00	Left Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 6	$00	Right Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 5	$00	Left Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 4	$00	Right Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 3	$00	Driver Knee Deployment Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 2	$00	Passenger Knee Deployment Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 1	$00	Left Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 0	$00	Right Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 7	$00	Center Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 6	$00	Battery Cutoff Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 5	$00	Driver Roll Bar Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 4	$00	Passenger Roll Bar Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 3	$00	Steering Column Energy Absorbing Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 2	$00	Driver Head Rest Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 1	$00	Passenger Head Rest Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 0	$00	Left Row 2 Head Rest Loop Commanded (If Equipped)	No	
DID $31 Byte 19 bit 7	$00	Right Row 2 Head Rest Loop Commanded (If Equipped)	No	
DID $31 Byte 19 bit 6	$00	Center Row 2 Head Rest Loop Commanded (If Equipped)	No	
DID $31 Byte 19 bit 5	$00	High Voltage Battery Cutoff Commanded (If Equipped)	No	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 20 bits 7-6	$4C	Safety Belt Status, Driver (Driver Belt Switch Circuit Status)	Buckled	
DID $31 Byte 20 bits 5-4	$4C	Safety Belt Status, Right Front Passenger (Passenger Belt Switch Circuit Status)	Not Buckled	
DID $31 Byte 20 bits 3-2	$4C	Center Front Row Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $31 Byte 21 bits 7-6	$FC	Left Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $31 Byte 21 bits 5-4	$FC	Center Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $31 Byte 21 bits 3-2	$FC	Left Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $31 Byte 22 bits 7-6	$FC	Left Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $31 Byte 22 bits 5-4	$FC	Center Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $31 Byte 22 bits 3-2	$FC	Right Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $31 Byte 23 bits 7-6	$F0	Seat Track Position Switch, Foremost, Status, Driver (Driver Seat Position Status) (If Equipped)	Data Not Available	
DID $31 Byte 23 bits 5-4	$F0	Seat Track Position Switch, Foremost, Status, Right Front Passenger (Passenger Seat Position Status) (If Equipped)	Data Not Available	
DID $31 Byte 24 bits 7-5	$00	Passenger Seat Occupancy Status	Empty	
DID $31 Byte 25 bits 7-4	$00	Passenger Classification Status	Not Applicable	
DID $31 Byte 26 bits 7-6	$C0	Passenger SIR Suppression Switch Circuit Status (If Equipped)	Data Not Available	
DID $31 Byte 27 bits 7-6	$10	Passenger Air Bag ON Indicator Status	Off	
DID $31 Byte 27 bits 5-4	$10	Passenger Air Bag OFF Indicator Status	On	
DID $31 Byte 28	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-0.5 sec)	0	%
DID $31 Byte 29	$23	Accelerator Pedal, % Full (Accelerator Pedal Position) (-1.0 sec)	35	%
DID $31 Byte 30	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-1.5 sec)	0	%
DID $31 Byte 31	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-2.0 sec)	0	%
DID $31 Byte 32	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-2.5 sec)	0	%
DID $31 Byte 33	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-3.0 sec)	0	%
DID $31 Byte 34	$12	Accelerator Pedal, % Full (Accelerator Pedal Position) (-3.5 sec)	18	%
DID $31 Byte 35	$13	Accelerator Pedal, % Full (Accelerator Pedal Position) (-4.0 sec)	19	%
DID $31 Byte 36	$19	Accelerator Pedal, % Full (Accelerator Pedal Position) (-4.5 sec)	25	%
DID $31 Byte 37	$1B	Accelerator Pedal, % Full (Accelerator Pedal Position) (-5.0 sec)	27	%

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 38 bits 7-6	$01	Service Brake (Brake Switch Circuit State) (-0.5 sec)	Off	
DID $31 Byte 38 bits 5-4	$01	Service Brake (Brake Switch Circuit State) (-1.0 sec)	Off	
DID $31 Byte 38 bits 3-2	$01	Service Brake (Brake Switch Circuit State) (-1.5 sec)	Off	
DID $31 Byte 38 bits 1-0	$01	Service Brake (Brake Switch Circuit State) (-2.0 sec)	On	
DID $31 Byte 39 bits 7-6	$00	Service Brake (Brake Switch Circuit State) (-2.5 sec)	Off	
DID $31 Byte 39 bits 5-4	$00	Service Brake (Brake Switch Circuit State) (-3.0 sec)	Off	
DID $31 Byte 39 bits 3-2	$00	Service Brake (Brake Switch Circuit State) (-3.5 sec)	Off	
DID $31 Byte 39 bits 1-0	$00	Service Brake (Brake Switch Circuit State) (-4.0 sec)	Off	
DID $31 Byte 40 bits 7-6	$00	Service Brake (Brake Switch Circuit State) (-4.5 sec)	Off	
DID $31 Byte 40 bits 5-4	$00	Service Brake (Brake Switch Circuit State) (-5.0 sec)	Off	
DID $31 Byte 41 bits 7-6	$00	Cruise Control Resume Switch Active (-0.5 sec)	No	
DID $31 Byte 41 bits 5-4	$00	Cruise Control Resume Switch Active (-1.0 sec)	No	
DID $31 Byte 41 bits 3-2	$00	Cruise Control Resume Switch Active (-1.5 sec)	No	
DID $31 Byte 41 bits 1-0	$00	Cruise Control Resume Switch Active (-2.0 sec)	No	
DID $31 Byte 42 bits 7-6	$00	Cruise Control Active (-0.5 sec)	No	
DID $31 Byte 42 bits 5-4	$00	Cruise Control Active (-1.0 sec)	No	
DID $31 Byte 42 bits 3-2	$00	Cruise Control Active (-1.5 sec)	No	
DID $31 Byte 42 bits 1-0	$00	Cruise Control Active (-2.0 sec)	No	
DID $31 Byte 43 bits 7-6	$00	Cruise Control Set Switch Active (-0.5 sec)	No	
DID $31 Byte 43 bits 5-4	$00	Cruise Control Set Switch Active (-1.0 sec)	No	
DID $31 Byte 43 bits 3-2	$00	Cruise Control Set Switch Active (-1.5 sec)	No	
DID $31 Byte 43 bits 1-0	$00	Cruise Control Set Switch Active (-2.0 sec)	No	
DID $31 Byte 44 bits 7-6	$00	Reduced Engine Power Mode indicator (-0.5 sec)	Off	
DID $31 Byte 44 bits 5-4	$00	Reduced Engine Power Mode indicator (-1.0 sec)	Off	
DID $31 Byte 44 bits 3-2	$00	Reduced Engine Power Mode indicator (-1.5 sec)	Off	
DID $31 Byte 44 bits 1-0	$00	Reduced Engine Power Mode indicator (-2.0 sec)	Off	
DID $31 Byte 45	$0D	Engine RPM (Engine Speed) (-0.5 sec)	832	RPM
DID $31 Byte 46	$10	Engine RPM (Engine Speed) (-1.0 sec)	1024	RPM
DID $31 Byte 47	$13	Engine RPM (Engine Speed) (-1.5 sec)	1216	RPM
DID $31 Byte 48	$16	Engine RPM (Engine Speed)(-2.0 sec)	1408	RPM
DID $31 Byte 49	$19	Engine RPM (Engine Speed) (-2.5 sec)	1600	RPM
DID $31 Byte 50	$1A	Engine RPM (Engine Speed) (-3.0 sec)	1664	RPM
DID $31 Byte 51	$1C	Engine RPM (Engine Speed) (-3.5 sec)	1792	RPM
DID $31 Byte 52	$1C	Engine RPM (Engine Speed) (-4.0 sec)	1792	RPM
DID $31 Byte 53	$1D	Engine RPM (Engine Speed)(-4.5 sec)	1856	RPM
DID $31 Byte 54	$1D	Engine RPM (Engine Speed) (-5.0 sec)	1856	RPM

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Bytes 55,56 (12 bits)	$06A6	Engine Torque (-0.5 sec)	2 [3]	Foot-pounds [Newton meters]
DID $31 Bytes 57,58 (12 bits)	$06A8	Engine Torque (-1.0 sec)	3 [4]	Foot-pounds [Newton meters]
DID $31 Bytes 59,60 (12 bits)	$0698	Engine Torque (-1.5 sec)	-3 [-4]	Foot-pounds [Newton meters]
DID $31 Bytes 61,62 (12 bits)	$0693	Engine Torque (-2.0 sec)	-5 [-6]	Foot-pounds [Newton meters]
DID $31 Byte 63	$02	Engine Throttle, % Full (Throttle Position) (-0.5 sec)	2	% full throttle
DID $31 Byte 64	$07	Engine Throttle, % Full (Throttle Position) (-1.0 sec)	7	% full throttle
DID $31 Byte 65	$07	Engine Throttle, % Full (Throttle Position) (-1.5 sec)	7	% full throttle
DID $31 Byte 66	$08	Engine Throttle, % Full (Throttle Position) (-2.0 sec)	8	% full throttle
DID $31 Byte 67	$0A	Engine Throttle, % Full (Throttle Position)(-2.5 sec)	10	% full throttle
DID $31 Byte 68	$0A	Engine Throttle, % Full (Throttle Position) (-3.0 sec)	10	% full throttle
DID $31 Byte 69	$0D	Engine Throttle, % Full (Throttle Position) (-3.5 sec)	13	% full throttle
DID $31 Byte 70	$0F	Engine Throttle, % Full (Throttle Position) (-4.0 sec)	15	% full throttle
DID $31 Byte 71	$27	Engine Throttle, % Full (Throttle Position) (-4.5 sec)	39	% full throttle
DID $31 Byte 72	$34	Engine Throttle, % Full (Throttle Position)(-5.0 sec)	52	% full throttle

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 73	$3B	Speed, Vehicle Indicated (Vehicle Speed) (-0.5 sec)	37 [59]	MPH [km/h]
DID $31 Byte 74	$46	Speed, Vehicle Indicated (Vehicle Speed) (-1.0 sec)	43 [70]	MPH [km/h]
DID $31 Byte 75	$51	Speed, Vehicle Indicated (Vehicle Speed) (-1.5 sec)	50 [81]	MPH [km/h]
DID $31 Byte 76	$5B	Speed, Vehicle Indicated (Vehicle Speed) (-2.0 sec)	57 [91]	MPH [km/h]
DID $31 Byte 77	$66	Speed, Vehicle Indicated (Vehicle Speed)(-2.5 sec)	63 [102]	MPH [km/h]
DID $31 Byte 78	$6D	Speed, Vehicle Indicated (Vehicle Speed) (-3.0 sec)	68 [109]	MPH [km/h]
DID $31 Byte 79	$71	Speed, Vehicle Indicated (Vehicle Speed) (-3.5 sec)	70 [113]	MPH [km/h]
DID $31 Byte 80	$72	Speed, Vehicle Indicated (Vehicle Speed) (-4.0 sec)	71 [114]	MPH [km/h]
DID $31 Byte 81	$72	Speed, Vehicle Indicated (Vehicle Speed) (-4.5 sec)	71 [114]	MPH [km/h]
DID $31 Byte 82	$72	Speed, Vehicle Indicated (Vehicle Speed)(-5.0 sec)	71 [114]	MPH [km/h]
DID $31 Byte 83 bits 7-6	$00	Low Tire Pressure Warning Lamp Status 0.5 Seconds Prior to Time Zero	Off	
DID $31 Byte 83 bits 5-4	$00	Frontal Air Bag Warning Lamp (SIR Warning Lamp Status 0.5 Seconds Prior to Time Zero)	Off	
DID $31 Bytes 84-85	$7092	SIR Warning Lamp ON/OFF Time Continuously	288180	seconds
DID $31 Bytes 86-87	$0101	Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	257	
DID $31 Byte 88	$FD	Ignition Cycles Since DTCs Were Last Cleared 0.5 Seconds Prior to Time Zero	253	
DID $31 Bytes 89-90	$0000	DTC number	N/A	
DID $31 Byte 91	$00	DTC fault type	N/A	
DID $31 Bytes 92-93	$0000	DTC number	N/A	
DID $31 Byte 94	$00	DTC fault type	N/A	
DID $31 Bytes 95-96	$0000	DTC number	N/A	
DID $31 Byte 97	$00	DTC fault type	N/A	
DID $31 Bytes 98-99	$0000	DTC number	N/A	
DID $31 Byte 100	$00	DTC fault type	N/A	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Bytes 101-102	$0000	DTC number	N/A	
DID $31 Byte 103	$00	DTC fault type	N/A	
DID $31 Bytes 104-105	$0000	DTC number	N/A	
DID $31 Byte 106	$00	DTC fault type	N/A	
DID $31 Bytes 107-108	$0000	DTC number	N/A	
DID $31 Byte 109	$00	DTC fault type	N/A	
DID $31 Bytes 110-111	$0000	DTC number	N/A	
DID $31 Byte 112	$00	DTC fault type	N/A	
DID $31 Bytes 113-114	$8052	DTC number	B0052	
DID $31 Byte 115	$00	DTC fault type	$00	
DID $31 Byte 116	$9E	Maximum Delta-V, Longitudinal (Maximum Longitudinal SDM Recorded Vehicle Velocity Change for FSR Event)	19 [31]	MPH [km/h]
DID $31 Byte 117	$5B	Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM Recorded Vehicle Velocity Change)	182	msec
DID $31 Byte 118	$7F	Maximum Delta-V, Lateral (Maximum Lateral SDM Recorded Vehicle Velocity Change for FSR Event)	0 [0]	MPH [km/h]
DID $31 Byte 119	$19	Time Maximum Delta-V, Lateral (Time From FSR Time Zero to Maximum Lateral SDM Recorded Vehicle Velocity Change)	50	msec
DID $31 Byte 120	$FF	Frontal Air Bag Deployment, Time to 1st Stage Deployment, Driver (Driver 1st Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID $31 Byte 121	$FF	Frontal Air Bag Deployment, Time to 2nd Stage, Driver (Driver 2nd Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID $31 Byte 122	$FF	Frontal Air Bag Deployment, Time to 1st Stage Deployment, Right Front Passenger (Passenger 1st Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID $31 Byte 123	$FF	Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger 2nd Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID $31 Byte 124	$FF	Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID $31 Byte 125	$FF	Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 126	$41	Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met)	65	msec
DID $31 Byte 127	$41	Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met)	65	msec
DID $31 Byte 128	$81	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (10 ms)	1.2 [2]	MPH [km/h]
DID $31 Byte 129	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (10 ms)	0 [0]	MPH [km/h]
DID $31 Byte 130	$82	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (20 ms)	1.9 [3]	MPH [km/h]
DID $31 Byte 131	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (20 ms)	0 [0]	MPH [km/h]
DID $31 Byte 132	$85	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (30 ms)	3.7 [6]	MPH [km/h]
DID $31 Byte 133	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (30 ms)	0 [0]	MPH [km/h]
DID $31 Byte 134	$88	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (40 ms)	5.6 [9]	MPH [km/h]
DID $31 Byte 135	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (40 ms)	0 [0]	MPH [km/h]
DID $31 Byte 136	$8A	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (50 ms)	6.8 [11]	MPH [km/h]
DID $31 Byte 137	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (50 ms)	0 [0]	MPH [km/h]
DID $31 Byte 138	$8D	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (60 ms)	8.7 [14]	MPH [km/h]
DID $31 Byte 139	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (60 ms)	0 [0]	MPH [km/h]
DID $31 Byte 140	$90	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (70 ms)	10.6 [17]	MPH [km/h]
DID $31 Byte 141	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (70 ms)	0 [0]	MPH [km/h]
DID $31 Byte 142	$92	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (80 ms)	11.8 [19]	MPH [km/h]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 143	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (80 ms)	0 [0]	MPH [km/h]
DID $31 Byte 144	$94	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (90 ms)	13 [21]	MPH [km/h]
DID $31 Byte 145	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (90 ms)	0 [0]	MPH [km/h]
DID $31 Byte 146	$96	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (100 ms)	14.3 [23]	MPH [km/h]
DID $31 Byte 147	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (100 ms)	0 [0]	MPH [km/h]
DID $31 Byte 148	$98	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (110 ms)	15.5 [25]	MPH [km/h]
DID $31 Byte 149	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (110 ms)	0 [0]	MPH [km/h]
DID $31 Byte 150	$99	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (120 ms)	16.2 [26]	MPH [km/h]
DID $31 Byte 151	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (120 ms)	0 [0]	MPH [km/h]
DID $31 Byte 152	$9B	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (130 ms)	17.4 [28]	MPH [km/h]
DID $31 Byte 153	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (130 ms)	0 [0]	MPH [km/h]
DID $31 Byte 154	$9B	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (140 ms)	17.4 [28]	MPH [km/h]
DID $31 Byte 155	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (140 ms)	0 [0]	MPH [km/h]
DID $31 Byte 156	$9C	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (150 ms)	18 [29]	MPH [km/h]
DID $31 Byte 157	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (150 ms)	0 [0]	MPH [km/h]
DID $31 Byte 158	$9D	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (160 ms)	18.6 [30]	MPH [km/h]
DID $31 Byte 159	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (160 ms)	0 [0]	MPH [km/h]
DID $31 Byte 160	$9D	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (170 ms)	18.6 [30]	MPH [km/h]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 161	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (170 ms)	0 [0]	MPH [km/h]
DID $31 Byte 162	$9E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (180 ms)	19.3 [31]	MPH [km/h]
DID $31 Byte 163	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (180 ms)	0 [0]	MPH [km/h]
DID $31 Byte 164	$9E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (190 ms)	19.3 [31]	MPH [km/h]
DID $31 Byte 165	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (190 ms)	0 [0]	MPH [km/h]
DID $31 Byte 166	$9E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (200 ms)	19.3 [31]	MPH [km/h]
DID $31 Byte 167	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (200 ms)	0 [0]	MPH [km/h]
DID $31 Byte 168	$9E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (210 ms)	19.3 [31]	MPH [km/h]
DID $31 Byte 169	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (210 ms)	0 [0]	MPH [km/h]
DID $31 Byte 170	$9E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (220 ms)	19.3 [31]	MPH [km/h]
DID $31 Byte 171	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (220 ms)	0 [0]	MPH [km/h]
DID $31 Byte 172	$9E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (230 ms)	19.3 [31]	MPH [km/h]
DID $31 Byte 173	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (230 ms)	0 [0]	MPH [km/h]
DID $31 Byte 174	$9E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (240 ms)	19.3 [31]	MPH [km/h]
DID $31 Byte 175	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (240 ms)	0 [0]	MPH [km/h]
DID $31 Byte 176	$9E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (250 ms)	19.3 [31]	MPH [km/h]
DID $31 Byte 177	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (250 ms)	0 [0]	MPH [km/h]
DID $31 Byte 178	$9E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (260 ms)	19.3 [31]	MPH [km/h]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 179	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (260 ms)	0 [0]	MPH [km/h]
DID $31 Byte 180	$9E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (270 ms)	19.3 [31]	MPH [km/h]
DID $31 Byte 181	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (270 ms)	0 [0]	MPH [km/h]
DID $31 Byte 182	$9E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (280 ms)	19.3 [31]	MPH [km/h]
DID $31 Byte 183	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (280 ms)	0 [0]	MPH [km/h]
DID $31 Byte 184	$9E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (290 ms)	19.3 [31]	MPH [km/h]
DID $31 Byte 185	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (290 ms)	0 [0]	MPH [km/h]
DID $31 Byte 186	$9E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (300 ms)	19.3 [31]	MPH [km/h]
DID $31 Byte 187	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (300 ms)	0 [0]	MPH [km/h]
DID $31 Byte 188	$99	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (2 ms)	10.2	G
DID $31 Byte 189	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (2 ms)	-0.2	G
DID $31 Byte 190	$99	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (4 ms)	10.2	G
DID $31 Byte 191	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (4 ms)	-1.0	G
DID $31 Byte 192	$89	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (6 ms)	3.8	G
DID $31 Byte 193	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (6 ms)	-0.2	G
DID $31 Byte 194	$86	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (8 ms)	2.6	G
DID $31 Byte 195	$7B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (8 ms)	-1.8	G
DID $31 Byte 196	$82	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (10 ms)	1.0	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 197	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (10 ms)	-0.2	G
DID $31 Byte 198	$89	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (12 ms)	3.8	G
DID $31 Byte 199	$7B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (12 ms)	-1.8	G
DID $31 Byte 200	$8A	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (14 ms)	4.2	G
DID $31 Byte 201	$84	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (14 ms)	1.8	G
DID $31 Byte 202	$8B	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (16 ms)	4.6	G
DID $31 Byte 203	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (16 ms)	-0.6	G
DID $31 Byte 204	$8D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (18 ms)	5.4	G
DID $31 Byte 205	$81	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (18 ms)	0.6	G
DID $31 Byte 206	$86	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (20 ms)	2.6	G
DID $31 Byte 207	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (20 ms)	-0.6	G
DID $31 Byte 208	$8C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (22 ms)	5.0	G
DID $31 Byte 209	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (22 ms)	-1.4	G
DID $31 Byte 210	$8C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (24 ms)	5.0	G
DID $31 Byte 211	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (24 ms)	-0.6	G
DID $31 Byte 212	$92	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (26 ms)	7.4	G
DID $31 Byte 213	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (26 ms)	-1.4	G
DID $31 Byte 214	$93	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (28 ms)	7.8	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 215	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (28 ms)	-0.6	G
DID $31 Byte 216	$96	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (30 ms)	9.0	G
DID $31 Byte 217	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (30 ms)	-0.2	G
DID $31 Byte 218	$95	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (32 ms)	8.6	G
DID $31 Byte 219	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (32 ms)	-0.2	G
DID $31 Byte 220	$91	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (34 ms)	7.0	G
DID $31 Byte 221	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (34 ms)	-1.0	G
DID $31 Byte 222	$8E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (36 ms)	5.8	G
DID $31 Byte 223	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (36 ms)	0.2	G
DID $31 Byte 224	$92	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (38 ms)	7.4	G
DID $31 Byte 225	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (38 ms)	-1.0	G
DID $31 Byte 226	$95	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (40 ms)	8.6	G
DID $31 Byte 227	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (40 ms)	-1.0	G
DID $31 Byte 228	$8E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (42 ms)	5.8	G
DID $31 Byte 229	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (42 ms)	0.2	G
DID $31 Byte 230	$92	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (44 ms)	7.4	G
DID $31 Byte 231	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (44 ms)	0.2	G
DID $31 Byte 232	$95	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (46 ms)	8.6	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 233	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (46 ms)	-0.2	G
DID $31 Byte 234	$8C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (48 ms)	5.0	G
DID $31 Byte 235	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (48 ms)	-0.6	G
DID $31 Byte 236	$94	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (50 ms)	8.2	G
DID $31 Byte 237	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (50 ms)	-1.0	G
DID $31 Byte 238	$98	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (52 ms)	9.8	G
DID $31 Byte 239	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (52 ms)	-0.6	G
DID $31 Byte 240	$9A	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (54 ms)	10.6	G
DID $31 Byte 241	$81	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (54 ms)	0.6	G
DID $31 Byte 242	$92	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (56 ms)	7.4	G
DID $31 Byte 243	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (56 ms)	0.2	G
DID $31 Byte 244	$8C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (58 ms)	5.0	G
DID $31 Byte 245	$83	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (58 ms)	1.4	G
DID $31 Byte 246	$8E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (60 ms)	5.8	G
DID $31 Byte 247	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (60 ms)	-0.2	G
DID $31 Byte 248	$90	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (62 ms)	6.6	G
DID $31 Byte 249	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (62 ms)	-0.2	G
DID $31 Byte 250	$92	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (64 ms)	7.4	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 251	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (64 ms)	-1.0	G
DID $31 Byte 252	$96	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (66 ms)	9.0	G
DID $31 Byte 253	$85	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (66 ms)	2.2	G
DID $31 Byte 254	$92	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (68 ms)	7.4	G
DID $31 Byte 255	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (68 ms)	-0.2	G
DID $31 Byte 256	$90	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (70 ms)	6.6	G
DID $31 Byte 257	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (70 ms)	-0.2	G
DID $31 Byte 258	$8E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (72 ms)	5.8	G
DID $31 Byte 259	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (72 ms)	-0.2	G
DID $31 Byte 260	$90	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (74 ms)	6.6	G
DID $31 Byte 261	$81	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (74 ms)	0.6	G
DID $31 Byte 262	$93	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (76 ms)	7.8	G
DID $31 Byte 263	$84	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (76 ms)	1.8	G
DID $31 Byte 264	$8D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (78 ms)	5.4	G
DID $31 Byte 265	$76	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (78 ms)	-3.8	G
DID $31 Byte 266	$8C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (80 ms)	5.0	G
DID $31 Byte 267	$87	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (80 ms)	3.0	G
DID $31 Byte 268	$84	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (82 ms)	1.8	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 269	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (82 ms)	-1.0	G
DID $31 Byte 270	$93	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (84 ms)	7.8	G
DID $31 Byte 271	$82	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (84 ms)	1.0	G
DID $31 Byte 272	$91	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (86 ms)	7.0	G
DID $31 Byte 273	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (86 ms)	-1.0	G
DID $31 Byte 274	$8A	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (88 ms)	4.2	G
DID $31 Byte 275	$81	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (88 ms)	0.6	G
DID $31 Byte 276	$8D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (90 ms)	5.4	G
DID $31 Byte 277	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (90 ms)	-0.6	G
DID $31 Byte 278	$8A	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (92 ms)	4.2	G
DID $31 Byte 279	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (92 ms)	-0.6	G
DID $31 Byte 280	$90	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (94 ms)	6.6	G
DID $31 Byte 281	$81	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (94 ms)	0.6	G
DID $31 Byte 282	$8D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (96 ms)	5.4	G
DID $31 Byte 283	$81	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (96 ms)	0.6	G
DID $31 Byte 284	$8C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (98 ms)	5.0	G
DID $31 Byte 285	$83	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (98 ms)	1.4	G
DID $31 Byte 286	$8D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (100 ms)	5.4	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 287	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (100 ms)	-0.2	G
DID $31 Byte 288	$8D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (102 ms)	5.4	G
DID $31 Byte 289	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (102 ms)	-0.2	G
DID $31 Byte 290	$8D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (104 ms)	5.4	G
DID $31 Byte 291	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (104 ms)	0.2	G
DID $31 Byte 292	$8C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (106 ms)	5.0	G
DID $31 Byte 293	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (106 ms)	-0.6	G
DID $31 Byte 294	$8D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (108 ms)	5.4	G
DID $31 Byte 295	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (108 ms)	0.2	G
DID $31 Byte 296	$88	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (110 ms)	3.4	G
DID $31 Byte 297	$81	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (110 ms)	0.6	G
DID $31 Byte 298	$88	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (112 ms)	3.4	G
DID $31 Byte 299	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (112 ms)	-0.6	G
DID $31 Byte 300	$86	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (114 ms)	2.6	G
DID $31 Byte 301	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (114 ms)	-0.2	G
DID $31 Byte 302	$87	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (116 ms)	3.0	G
DID $31 Byte 303	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (116 ms)	-1.0	G
DID $31 Byte 304	$88	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (118 ms)	3.4	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 305	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (118 ms)	-0.2	G
DID $31 Byte 306	$88	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (120 ms)	3.4	G
DID $31 Byte 307	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (120 ms)	0.2	G
DID $31 Byte 308	$85	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (122 ms)	2.2	G
DID $31 Byte 309	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (122 ms)	-0.2	G
DID $31 Byte 310	$84	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (124 ms)	1.8	G
DID $31 Byte 311	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (124 ms)	-0.2	G
DID $31 Byte 312	$86	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (126 ms)	2.6	G
DID $31 Byte 313	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (126 ms)	-0.2	G
DID $31 Byte 314	$88	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (128 ms)	3.4	G
DID $31 Byte 315	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (128 ms)	-0.2	G
DID $31 Byte 316	$8A	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (130 ms)	4.2	G
DID $31 Byte 317	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (130 ms)	-0.2	G
DID $31 Byte 318	$89	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (132 ms)	3.8	G
DID $31 Byte 319	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (132 ms)	-0.2	G
DID $31 Byte 320	$85	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (134 ms)	2.2	G
DID $31 Byte 321	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (134 ms)	-0.2	G
DID $31 Byte 322	$83	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (136 ms)	1.4	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 323	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (136 ms)	-0.2	G
DID $31 Byte 324	$84	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (138 ms)	1.8	G
DID $31 Byte 325	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (138 ms)	-1.0	G
DID $31 Byte 326	$83	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (140 ms)	1.4	G
DID $31 Byte 327	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (140 ms)	-1.4	G
DID $31 Byte 328	$83	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (142 ms)	1.4	G
DID $31 Byte 329	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (142 ms)	-0.2	G
DID $31 Byte 330	$84	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (144 ms)	1.8	G
DID $31 Byte 331	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (144 ms)	-0.6	G
DID $31 Byte 332	$84	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (146 ms)	1.8	G
DID $31 Byte 333	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (146 ms)	-0.2	G
DID $31 Byte 334	$84	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (148 ms)	1.8	G
DID $31 Byte 335	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (148 ms)	-0.2	G
DID $31 Byte 336	$84	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (150 ms)	1.8	G
DID $31 Byte 337	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (150 ms)	-0.2	G
DID $31 Byte 338	$83	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (152 ms)	1.4	G
DID $31 Byte 339	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (152 ms)	-0.2	G
DID $31 Byte 340	$82	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (154 ms)	1.0	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 341	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (154 ms)	-0.2	G
DID $31 Byte 342	$82	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (156 ms)	1.0	G
DID $31 Byte 343	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (156 ms)	-0.2	G
DID $31 Byte 344	$82	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (158 ms)	1.0	G
DID $31 Byte 345	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (158 ms)	-0.2	G
DID $31 Byte 346	$82	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (160 ms)	1.0	G
DID $31 Byte 347	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (160 ms)	-0.2	G
DID $31 Byte 348	$81	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (162 ms)	0.6	G
DID $31 Byte 349	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (162 ms)	-0.2	G
DID $31 Byte 350	$81	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (164 ms)	0.6	G
DID $31 Byte 351	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (164 ms)	-0.2	G
DID $31 Byte 352	$81	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (166 ms)	0.6	G
DID $31 Byte 353	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (166 ms)	-0.6	G
DID $31 Byte 354	$81	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (168 ms)	0.6	G
DID $31 Byte 355	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (168 ms)	-0.2	G
DID $31 Byte 356	$81	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (170 ms)	0.6	G
DID $31 Byte 357	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (170 ms)	-0.2	G
DID $31 Byte 358	$81	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (172 ms)	0.6	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 359	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (172 ms)	-0.2	G
DID $31 Byte 360	$82	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (174 ms)	1.0	G
DID $31 Byte 361	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (174 ms)	-0.2	G
DID $31 Byte 362	$82	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (176 ms)	1.0	G
DID $31 Byte 363	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (176 ms)	-0.2	G
DID $31 Byte 364	$82	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (178 ms)	1.0	G
DID $31 Byte 365	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (178 ms)	-0.2	G
DID $31 Byte 366	$81	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (180 ms)	0.6	G
DID $31 Byte 367	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (180 ms)	-0.2	G
DID $31 Byte 368	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (182 ms)	0.2	G
DID $31 Byte 369	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (182 ms)	-0.2	G
DID $31 Byte 370	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (184 ms)	-0.2	G
DID $31 Byte 371	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (184 ms)	-0.2	G
DID $31 Byte 372	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (186 ms)	-0.2	G
DID $31 Byte 373	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (186 ms)	-0.2	G
DID $31 Byte 374	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (188 ms)	-0.2	G
DID $31 Byte 375	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (188 ms)	-0.2	G
DID $31 Byte 376	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (190 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 377	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (190 ms)	-0.2	G
DID $31 Byte 378	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (192 ms)	-0.2	G
DID $31 Byte 379	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (192 ms)	-0.2	G
DID $31 Byte 380	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (194 ms)	-0.2	G
DID $31 Byte 381	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (194 ms)	-0.2	G
DID $31 Byte 382	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (196 ms)	-0.2	G
DID $31 Byte 383	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (196 ms)	-0.2	G
DID $31 Byte 384	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (198 ms)	-0.2	G
DID $31 Byte 385	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (198 ms)	-0.2	G
DID $31 Byte 386	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (200 ms)	-0.2	G
DID $31 Byte 387	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (200 ms)	-0.2	G
DID $31 Byte 388	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (202 ms)	-0.2	G
DID $31 Byte 389	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (202 ms)	-0.2	G
DID $31 Byte 390	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (204 ms)	-0.2	G
DID $31 Byte 391	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (204 ms)	-0.2	G
DID $31 Byte 392	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (206 ms)	-0.2	G
DID $31 Byte 393	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (206 ms)	-0.2	G
DID $31 Byte 394	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (208 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 395	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (208 ms)	-0.2	G
DID $31 Byte 396	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (210 ms)	-0.2	G
DID $31 Byte 397	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (210 ms)	-0.2	G
DID $31 Byte 398	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (212 ms)	-0.2	G
DID $31 Byte 399	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (212 ms)	-0.2	G
DID $31 Byte 400	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (214 ms)	-0.2	G
DID $31 Byte 401	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (214 ms)	-0.2	G
DID $31 Byte 402	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (216 ms)	-0.2	G
DID $31 Byte 403	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (216 ms)	-0.2	G
DID $31 Byte 404	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (218 ms)	-0.2	G
DID $31 Byte 405	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (218 ms)	-0.2	G
DID $31 Byte 406	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (220 ms)	-0.2	G
DID $31 Byte 407	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (220 ms)	-0.2	G
DID $31 Byte 408	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (222 ms)	-0.2	G
DID $31 Byte 409	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (222 ms)	-0.2	G
DID $31 Byte 410	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (224 ms)	-0.2	G
DID $31 Byte 411	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (224 ms)	-0.2	G
DID $31 Byte 412	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (226 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 413	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (226 ms)	-0.2	G
DID $31 Byte 414	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (228 ms)	-0.2	G
DID $31 Byte 415	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (228 ms)	-0.2	G
DID $31 Byte 416	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (230 ms)	-0.2	G
DID $31 Byte 417	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (230 ms)	-0.2	G
DID $31 Byte 418	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (232 ms)	-0.2	G
DID $31 Byte 419	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (232 ms)	-0.2	G
DID $31 Byte 420	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (234 ms)	-0.2	G
DID $31 Byte 421	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (234 ms)	-0.2	G
DID $31 Byte 422	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (236 ms)	-0.2	G
DID $31 Byte 423	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (236 ms)	-0.2	G
DID $31 Byte 424	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (238 ms)	-0.2	G
DID $31 Byte 425	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (238 ms)	-0.2	G
DID $31 Byte 426	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (240 ms)	-0.2	G
DID $31 Byte 427	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (240 ms)	-0.2	G
DID $31 Byte 428	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (242 ms)	-0.2	G
DID $31 Byte 429	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (242 ms)	-0.2	G
DID $31 Byte 430	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (244 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 431	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (244 ms)	-0.2	G
DID $31 Byte 432	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (246 ms)	-0.2	G
DID $31 Byte 433	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (246 ms)	-0.2	G
DID $31 Byte 434	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (248 ms)	-0.2	G
DID $31 Byte 435	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (248 ms)	-0.2	G
DID $31 Byte 436	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (250 ms)	-0.2	G
DID $31 Byte 437	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (250 ms)	-0.2	G
DID $31 Byte 438	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (252 ms)	-0.2	G
DID $31 Byte 439	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (252 ms)	-0.2	G
DID $31 Byte 440	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (254 ms)	-0.2	G
DID $31 Byte 441	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (254 ms)	-0.2	G
DID $31 Byte 442	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (256 ms)	-0.2	G
DID $31 Byte 443	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (256 ms)	-0.2	G
DID $31 Byte 444	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (258 ms)	-0.2	G
DID $31 Byte 445	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (258 ms)	-0.2	G
DID $31 Byte 446	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (260 ms)	-0.2	G
DID $31 Byte 447	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (260 ms)	-0.2	G
DID $31 Byte 448	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (262 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 449	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (262 ms)	-0.2	G
DID $31 Byte 450	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (264 ms)	-0.2	G
DID $31 Byte 451	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (264ms)	-0.2	G
DID $31 Byte 452	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (266 ms)	-0.2	G
DID $31 Byte 453	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (266 ms)	-0.2	G
DID $31 Byte 454	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (268 ms)	-0.2	G
DID $31 Byte 455	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (268 ms)	-0.2	G
DID $31 Byte 456	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (270 ms)	-0.2	G
DID $31 Byte 457	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (270 ms)	-0.2	G
DID $31 Byte 458	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (272 ms)	-0.2	G
DID $31 Byte 459	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (272 ms)	-0.2	G
DID $31 Byte 460	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (274 ms)	-0.2	G
DID $31 Byte 461	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (274 ms)	-0.2	G
DID $31 Byte 462	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (276 ms)	-0.2	G
DID $31 Byte 463	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (276 ms)	-0.2	G
DID $31 Byte 464	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (278 ms)	-0.2	G
DID $31 Byte 465	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (278 ms)	-0.2	G
DID $31 Byte 466	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (280 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 467	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (280 ms)	-0.2	G
DID $31 Byte 468	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (282 ms)	-0.2	G
DID $31 Byte 469	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (282 ms)	-0.2	G
DID $31 Byte 470	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (284 ms)	-0.2	G
DID $31 Byte 471	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (284 ms)	-0.2	G
DID $31 Byte 472	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (286 ms)	-0.2	G
DID $31 Byte 473	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (286 ms)	-0.2	G
DID $31 Byte 474	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (288 ms)	-0.2	G
DID $31 Byte 475	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (288 ms)	-0.2	G
DID $31 Byte 476	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (290 ms)	-0.2	G
DID $31 Byte 477	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (290ms)	-0.2	G
DID $31 Byte 478	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (292 ms)	-0.2	G
DID $31 Byte 479	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (292 ms)	-0.2	G
DID $31 Byte 480	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (294 ms)	-0.2	G
DID $31 Byte 481	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (294 ms)	-0.2	G
DID $31 Byte 482	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (296 ms)	-0.2	G
DID $31 Byte 483	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (296 ms)	-0.2	G
DID $31 Byte 484	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (298 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 485	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (298 ms)	-0.2	G
DID $31 Byte 486	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (300 ms)	-0.2	G
DID $31 Byte 487	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (300 ms)	-0.2	G
DID $31 Byte 488	$FF	SDM Recorded Vehicle Roll Rate (-700 ms)	Data Not Available	deg/sec
DID $31 Byte 489	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-700 ms)	Data Not Available	G
DID $31 Byte 490	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-700 ms)	Data Not Available	G
DID $31 Byte 491	$FF	SDM Recorded Vehicle Roll Rate (-690 ms)	Data Not Available	deg/sec
DID $31 Byte 492	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-690 ms)	Data Not Available	G
DID $31 Byte 493	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-690 ms)	Data Not Available	G
DID $31 Byte 494	$FF	SDM Recorded Vehicle Roll Rate (-680 ms)	Data Not Available	deg/sec
DID $31 Byte 495	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-680 ms)	Data Not Available	G
DID $31 Byte 496	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-680 ms)	Data Not Available	G
DID $31 Byte 497	$FF	SDM Recorded Vehicle Roll Rate (-670 ms)	Data Not Available	deg/sec
DID $31 Byte 498	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-670 ms)	Data Not Available	G
DID $31 Byte 499	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-670 ms)	Data Not Available	G
DID $31 Byte 500	$FF	SDM Recorded Vehicle Roll Rate (-660 ms)	Data Not Available	deg/sec
DID $31 Byte 501	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-660 ms)	Data Not Available	G
DID $31 Byte 502	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-660 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 503	$FF	SDM Recorded Vehicle Roll Rate (-650 ms)	Data Not Available	deg/sec
DID $31 Byte 504	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-650 ms)	Data Not Available	G
DID $31 Byte 505	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-650 ms)	Data Not Available	G
DID $31 Byte 506	$FF	SDM Recorded Vehicle Roll Rate (-640 ms)	Data Not Available	deg/sec
DID $31 Byte 507	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-640 ms)	Data Not Available	G
DID $31 Byte 508	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-640 ms)	Data Not Available	G
DID $31 Byte 509	$FF	SDM Recorded Vehicle Roll Rate (-630 ms)	Data Not Available	deg/sec
DID $31 Byte 510	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-630 ms)	Data Not Available	G
DID $31 Byte 511	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-630 ms)	Data Not Available	G
DID $31 Byte 512	$FF	SDM Recorded Vehicle Roll Rate (-620 ms)	Data Not Available	deg/sec
DID $31 Byte 513	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-620 ms)	Data Not Available	G
DID $31 Byte 514	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-620 ms)	Data Not Available	G
DID $31 Byte 515	$FF	SDM Recorded Vehicle Roll Rate (-610 ms)	Data Not Available	deg/sec
DID $31 Byte 516	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-610 ms)	Data Not Available	G
DID $31 Byte 517	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-610 ms)	Data Not Available	G
DID $31 Byte 518	$FF	SDM Recorded Vehicle Roll Rate (-600 ms)	Data Not Available	deg/sec
DID $31 Byte 519	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-600 ms)	Data Not Available	G
DID $31 Byte 520	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-600 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 521	$FF	SDM Recorded Vehicle Roll Rate (-590 ms)	Data Not Available	deg/sec
DID $31 Byte 522	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-590 ms)	Data Not Available	G
DID $31 Byte 523	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-590 ms)	Data Not Available	G
DID $31 Byte 524	$FF	SDM Recorded Vehicle Roll Rate (-580 ms)	Data Not Available	deg/sec
DID $31 Byte 525	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-580 ms)	Data Not Available	G
DID $31 Byte 526	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-580 ms)	Data Not Available	G
DID $31 Byte 527	$FF	SDM Recorded Vehicle Roll Rate (-570 ms)	Data Not Available	deg/sec
DID $31 Byte 528	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-570 ms)	Data Not Available	G
DID $31 Byte 529	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-570 ms)	Data Not Available	G
DID $31 Byte 530	$FF	SDM Recorded Vehicle Roll Rate (-560 ms)	Data Not Available	deg/sec
DID $31 Byte 531	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-560 ms)	Data Not Available	G
DID $31 Byte 532	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-560 ms)	Data Not Available	G
DID $31 Byte 533	$FF	SDM Recorded Vehicle Roll Rate (-550 ms)	Data Not Available	deg/sec
DID $31 Byte 534	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-550 ms)	Data Not Available	G
DID $31 Byte 535	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-550 ms)	Data Not Available	G
DID $31 Byte 536	$FF	SDM Recorded Vehicle Roll Rate (-540 ms)	Data Not Available	deg/sec
DID $31 Byte 537	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-540 ms)	Data Not Available	G
DID $31 Byte 538	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-540 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 539	$FF	SDM Recorded Vehicle Roll Rate (-530 ms)	Data Not Available	deg/sec
DID $31 Byte 540	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-530 ms)	Data Not Available	G
DID $31 Byte 541	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-530 ms)	Data Not Available	G
DID $31 Byte 542	$FF	SDM Recorded Vehicle Roll Rate (-520 ms)	Data Not Available	deg/sec
DID $31 Byte 543	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-520 ms)	Data Not Available	G
DID $31 Byte 544	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-520 ms)	Data Not Available	G
DID $31 Byte 545	$FF	SDM Recorded Vehicle Roll Rate (-510 ms)	Data Not Available	deg/sec
DID $31 Byte 546	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-510 ms)	Data Not Available	G
DID $31 Byte 547	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-510 ms)	Data Not Available	G
DID $31 Byte 548	$FF	SDM Recorded Vehicle Roll Rate (-500 ms)	Data Not Available	deg/sec
DID $31 Byte 549	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-500 ms)	Data Not Available	G
DID $31 Byte 550	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-500 ms)	Data Not Available	G
DID $31 Byte 551	$FF	SDM Recorded Vehicle Roll Rate (-490 ms)	Data Not Available	deg/sec
DID $31 Byte 552	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-490 ms)	Data Not Available	G
DID $31 Byte 553	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-490 ms)	Data Not Available	G
DID $31 Byte 554	$FF	SDM Recorded Vehicle Roll Rate (-480 ms)	Data Not Available	deg/sec
DID $31 Byte 555	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-480 ms)	Data Not Available	G
DID $31 Byte 556	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-480 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 557	$FF	SDM Recorded Vehicle Roll Rate (-470 ms)	Data Not Available	deg/sec
DID $31 Byte 558	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-470 ms)	Data Not Available	G
DID $31 Byte 559	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-470 ms)	Data Not Available	G
DID $31 Byte 560	$FF	SDM Recorded Vehicle Roll Rate (-460 ms)	Data Not Available	deg/sec
DID $31 Byte 561	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-460 ms)	Data Not Available	G
DID $31 Byte 562	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-460 ms)	Data Not Available	G
DID $31 Byte 563	$FF	SDM Recorded Vehicle Roll Rate (-450 ms)	Data Not Available	deg/sec
DID $31 Byte 564	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-450 ms)	Data Not Available	G
DID $31 Byte 565	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-450 ms)	Data Not Available	G
DID $31 Byte 566	$FF	SDM Recorded Vehicle Roll Rate (-440 ms)	Data Not Available	deg/sec
DID $31 Byte 567	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-440 ms)	Data Not Available	G
DID $31 Byte 568	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-440 ms)	Data Not Available	G
DID $31 Byte 569	$FF	SDM Recorded Vehicle Roll Rate (-430 ms)	Data Not Available	deg/sec
DID $31 Byte 570	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-430 ms)	Data Not Available	G
DID $31 Byte 571	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-430 ms)	Data Not Available	G
DID $31 Byte 572	$FF	SDM Recorded Vehicle Roll Rate (-420 ms)	Data Not Available	deg/sec
DID $31 Byte 573	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-420 ms)	Data Not Available	G
DID $31 Byte 574	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-420 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 575	$FF	SDM Recorded Vehicle Roll Rate (-410 ms)	Data Not Available	deg/sec
DID $31 Byte 576	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-410 ms)	Data Not Available	G
DID $31 Byte 577	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-410 ms)	Data Not Available	G
DID $31 Byte 578	$FF	SDM Recorded Vehicle Roll Rate (-400 ms)	Data Not Available	deg/sec
DID $31 Byte 579	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-400 ms)	Data Not Available	G
DID $31 Byte 580	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-400 ms)	Data Not Available	G
DID $31 Byte 581	$FF	SDM Recorded Vehicle Roll Rate (-390 ms)	Data Not Available	deg/sec
DID $31 Byte 582	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-390 ms)	Data Not Available	G
DID $31 Byte 583	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-390 ms)	Data Not Available	G
DID $31 Byte 584	$FF	SDM Recorded Vehicle Roll Rate (-380 ms)	Data Not Available	deg/sec
DID $31 Byte 585	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-380 ms)	Data Not Available	G
DID $31 Byte 586	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-380 ms)	Data Not Available	G
DID $31 Byte 587	$FF	SDM Recorded Vehicle Roll Rate (-370 ms)	Data Not Available	deg/sec
DID $31 Byte 588	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-370 ms)	Data Not Available	G
DID $31 Byte 589	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-370 ms)	Data Not Available	G
DID $31 Byte 590	$FF	SDM Recorded Vehicle Roll Rate (-360 ms)	Data Not Available	deg/sec
DID $31 Byte 591	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-360 ms)	Data Not Available	G
DID $31 Byte 592	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-360 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 593	$FF	SDM Recorded Vehicle Roll Rate (-350 ms)	Data Not Available	deg/sec
DID $31 Byte 594	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-350 ms)	Data Not Available	G
DID $31 Byte 595	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-350 ms)	Data Not Available	G
DID $31 Byte 596	$FF	SDM Recorded Vehicle Roll Rate (-340 ms)	Data Not Available	deg/sec
DID $31 Byte 597	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-340 ms)	Data Not Available	G
DID $31 Byte 598	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-340 ms)	Data Not Available	G
DID $31 Byte 599	$FF	SDM Recorded Vehicle Roll Rate (-330 ms)	Data Not Available	deg/sec
DID $31 Byte 600	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-330 ms)	Data Not Available	G
DID $31 Byte 601	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-330 ms)	Data Not Available	G
DID $31 Byte 602	$FF	SDM Recorded Vehicle Roll Rate (-320 ms)	Data Not Available	deg/sec
DID $31 Byte 603	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-320 ms)	Data Not Available	G
DID $31 Byte 604	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-320 ms)	Data Not Available	G
DID $31 Byte 605	$FF	SDM Recorded Vehicle Roll Rate (-310 ms)	Data Not Available	deg/sec
DID $31 Byte 606	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-310 ms)	Data Not Available	G
DID $31 Byte 607	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-310 ms)	Data Not Available	G
DID $31 Byte 608	$FF	SDM Recorded Vehicle Roll Rate (-300 ms)	Data Not Available	deg/sec
DID $31 Byte 609	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-300 ms)	Data Not Available	G
DID $31 Byte 610	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-300 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 611	$FF	SDM Recorded Vehicle Roll Rate (-290 ms)	Data Not Available	deg/sec
DID $31 Byte 612	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-290 ms)	Data Not Available	G
DID $31 Byte 613	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-290 ms)	Data Not Available	G
DID $31 Byte 614	$FF	SDM Recorded Vehicle Roll Rate (-280 ms)	Data Not Available	deg/sec
DID $31 Byte 615	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-280 ms)	Data Not Available	G
DID $31 Byte 616	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-280 ms)	Data Not Available	G
DID $31 Byte 617	$FF	SDM Recorded Vehicle Roll Rate (-270 ms)	Data Not Available	deg/sec
DID $31 Byte 618	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-270 ms)	Data Not Available	G
DID $31 Byte 619	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-270 ms)	Data Not Available	G
DID $31 Byte 620	$FF	SDM Recorded Vehicle Roll Rate (-260 ms)	Data Not Available	deg/sec
DID $31 Byte 621	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-260 ms)	Data Not Available	G
DID $31 Byte 622	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-260 ms)	Data Not Available	G
DID $31 Byte 623	$FF	SDM Recorded Vehicle Roll Rate (-250 ms)	Data Not Available	deg/sec
DID $31 Byte 624	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-250 ms)	Data Not Available	G
DID $31 Byte 625	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-250 ms)	Data Not Available	G
DID $31 Byte 626	$FF	SDM Recorded Vehicle Roll Rate (-240 ms)	Data Not Available	deg/sec
DID $31 Byte 627	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-240 ms)	Data Not Available	G
DID $31 Byte 628	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-240 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 629	$FF	SDM Recorded Vehicle Roll Rate (-230 ms)	Data Not Available	deg/sec
DID $31 Byte 630	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-230 ms)	Data Not Available	G
DID $31 Byte 631	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-230 ms)	Data Not Available	G
DID $31 Byte 632	$FF	SDM Recorded Vehicle Roll Rate (-220 ms)	Data Not Available	deg/sec
DID $31 Byte 633	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-220 ms)	Data Not Available	G
DID $31 Byte 634	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-220 ms)	Data Not Available	G
DID $31 Byte 635	$FF	SDM Recorded Vehicle Roll Rate (-210 ms)	Data Not Available	deg/sec
DID $31 Byte 636	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-210 ms)	Data Not Available	G
DID $31 Byte 637	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-210 ms)	Data Not Available	G
DID $31 Byte 638	$FF	SDM Recorded Vehicle Roll Rate (-200 ms)	Data Not Available	deg/sec
DID $31 Byte 639	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-200 ms)	Data Not Available	G
DID $31 Byte 640	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-200 ms)	Data Not Available	G
DID $31 Byte 641	$FF	SDM Recorded Vehicle Roll Rate (-190 ms)	Data Not Available	deg/sec
DID $31 Byte 642	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-190 ms)	Data Not Available	G
DID $31 Byte 643	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-190 ms)	Data Not Available	G
DID $31 Byte 644	$FF	SDM Recorded Vehicle Roll Rate (-180 ms)	Data Not Available	deg/sec
DID $31 Byte 645	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-180 ms)	Data Not Available	G
DID $31 Byte 646	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-180 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 647	$FF	SDM Recorded Vehicle Roll Rate (-170 ms)	Data Not Available	deg/sec
DID $31 Byte 648	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-170 ms)	Data Not Available	G
DID $31 Byte 649	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-170 ms)	Data Not Available	G
DID $31 Byte 650	$FF	SDM Recorded Vehicle Roll Rate (-160 ms)	Data Not Available	deg/sec
DID $31 Byte 651	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-160 ms)	Data Not Available	G
DID $31 Byte 652	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-160 ms)	Data Not Available	G
DID $31 Byte 653	$FF	SDM Recorded Vehicle Roll Rate (-150 ms)	Data Not Available	deg/sec
DID $31 Byte 654	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-150 ms)	Data Not Available	G
DID $31 Byte 655	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-150 ms)	Data Not Available	G
DID $31 Byte 656	$FF	SDM Recorded Vehicle Roll Rate (-140 ms)	Data Not Available	deg/sec
DID $31 Byte 657	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-140 ms)	Data Not Available	G
DID $31 Byte 658	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-140 ms)	Data Not Available	G
DID $31 Byte 659	$FF	SDM Recorded Vehicle Roll Rate (-130 ms)	Data Not Available	deg/sec
DID $31 Byte 660	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-130 ms)	Data Not Available	G
DID $31 Byte 661	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-130 ms)	Data Not Available	G
DID $31 Byte 662	$FF	SDM Recorded Vehicle Roll Rate (-120 ms)	Data Not Available	deg/sec
DID $31 Byte 663	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-120 ms)	Data Not Available	G
DID $31 Byte 664	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-120 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 665	$FF	SDM Recorded Vehicle Roll Rate (-110 ms)	Data Not Available	deg/sec
DID $31 Byte 666	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-110 ms)	Data Not Available	G
DID $31 Byte 667	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-110 ms)	Data Not Available	G
DID $31 Byte 668	$FF	SDM Recorded Vehicle Roll Rate (-100 ms)	Data Not Available	deg/sec
DID $31 Byte 669	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-100 ms)	Data Not Available	G
DID $31 Byte 670	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-100 ms)	Data Not Available	G
DID $31 Byte 671	$FF	SDM Recorded Vehicle Roll Rate (-90 ms)	Data Not Available	deg/sec
DID $31 Byte 672	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-90 ms)	Data Not Available	G
DID $31 Byte 673	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-90 ms)	Data Not Available	G
DID $31 Byte 674	$FF	SDM Recorded Vehicle Roll Rate (-80 ms)	Data Not Available	deg/sec
DID $31 Byte 675	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-80 ms)	Data Not Available	G
DID $31 Byte 676	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-80 ms)	Data Not Available	G
DID $31 Byte 677	$FF	SDM Recorded Vehicle Roll Rate (-70 ms)	Data Not Available	deg/sec
DID $31 Byte 678	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-70 ms)	Data Not Available	G
DID $31 Byte 679	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-70 ms)	Data Not Available	G
DID $31 Byte 680	$FF	SDM Recorded Vehicle Roll Rate (-60 ms)	Data Not Available	deg/sec
DID $31 Byte 681	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-60 ms)	Data Not Available	G
DID $31 Byte 682	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-60 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 683	$FF	SDM Recorded Vehicle Roll Rate (-50 ms)	Data Not Available	deg/sec
DID $31 Byte 684	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-50 ms)	Data Not Available	G
DID $31 Byte 685	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-50 ms)	Data Not Available	G
DID $31 Byte 686	$FF	SDM Recorded Vehicle Roll Rate (-40 ms)	Data Not Available	deg/sec
DID $31 Byte 687	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-40 ms)	Data Not Available	G
DID $31 Byte 688	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-40 ms)	Data Not Available	G
DID $31 Byte 689	$FF	SDM Recorded Vehicle Roll Rate (-30 ms)	Data Not Available	deg/sec
DID $31 Byte 690	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-30 ms)	Data Not Available	G
DID $31 Byte 691	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-30 ms)	Data Not Available	G
DID $31 Byte 692	$FF	SDM Recorded Vehicle Roll Rate (-20 ms)	Data Not Available	deg/sec
DID $31 Byte 693	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-20 ms)	Data Not Available	G
DID $31 Byte 694	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-20 ms)	Data Not Available	G
DID $31 Byte 695	$FF	SDM Recorded Vehicle Roll Rate (10 ms)	Data Not Available	deg/sec
DID $31 Byte 696	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (10 ms)	Data Not Available	G
DID $31 Byte 697	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (10 ms)	Data Not Available	G
DID $31 Byte 698	$FF	SDM Recorded Vehicle Roll Rate (0 ms)	Data Not Available	deg/sec
DID $31 Byte 699	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (0 ms)	Data Not Available	G
DID $31 Byte 700	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (0 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 701	$FF	SDM Recorded Vehicle Roll Rate (10 ms)	Data Not Available	deg/sec
DID $31 Byte 702	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (10 ms)	Data Not Available	G
DID $31 Byte 703	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (10 ms)	Data Not Available	G
DID $31 Byte 704	$FF	SDM Recorded Vehicle Roll Rate (20 ms)	Data Not Available	deg/sec
DID $31 Byte 705	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (20 ms)	Data Not Available	G
DID $31 Byte 706	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (20 ms)	Data Not Available	G
DID $31 Byte 707	$FF	SDM Recorded Vehicle Roll Rate (30 ms)	Data Not Available	deg/sec
DID $31 Byte 708	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (30 ms)	Data Not Available	G
DID $31 Byte 709	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (30 ms)	Data Not Available	G
DID $31 Byte 710	$FF	SDM Recorded Vehicle Roll Rate (40 ms)	Data Not Available	deg/sec
DID $31 Byte 711	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (40 ms)	Data Not Available	G
DID $31 Byte 712	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (40 ms)	Data Not Available	G
DID $31 Byte 713	$FF	SDM Recorded Vehicle Roll Rate (50 ms)	Data Not Available	deg/sec
DID $31 Byte 714	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (50 ms)	Data Not Available	G
DID $31 Byte 715	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (50 ms)	Data Not Available	G
DID $31 Byte 716	$FF	SDM Recorded Vehicle Roll Rate (60 ms)	Data Not Available	deg/sec
DID $31 Byte 717	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (60 ms)	Data Not Available	G
DID $31 Byte 718	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (60 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 719	$FF	SDM Recorded Vehicle Roll Rate (70 ms)	Data Not Available	deg/sec
DID $31 Byte 720	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (70 ms)	Data Not Available	G
DID $31 Byte 721	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (70 ms)	Data Not Available	G
DID $31 Byte 722	$FF	SDM Recorded Vehicle Roll Rate (80 ms)	Data Not Available	deg/sec
DID $31 Byte 723	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (80 ms)	Data Not Available	G
DID $31 Byte 724	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (80 ms)	Data Not Available	G
DID $31 Byte 725	$FF	SDM Recorded Vehicle Roll Rate (90 ms)	Data Not Available	deg/sec
DID $31 Byte 726	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (90 ms)	Data Not Available	G
DID $31 Byte 727	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (90 ms)	Data Not Available	G
DID $31 Byte 728	$FF	SDM Recorded Vehicle Roll Rate (100 ms)	Data Not Available	deg/sec
DID $31 Byte 729	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (100 ms)	Data Not Available	G
DID $31 Byte 730	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (100 ms)	Data Not Available	G
DID $31 Byte 731	$FF	SDM Recorded Vehicle Roll Rate (110 ms)	Data Not Available	deg/sec
DID $31 Byte 732	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (110 ms)	Data Not Available	G
DID $31 Byte 733	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (110 ms)	Data Not Available	G
DID $31 Byte 734	$FF	SDM Recorded Vehicle Roll Rate (120 ms)	Data Not Available	deg/sec
DID $31 Byte 735	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (120 ms)	Data Not Available	G
DID $31 Byte 736	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (120 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 737	$FF	SDM Recorded Vehicle Roll Rate (130 ms)	Data Not Available	deg/sec
DID $31 Byte 738	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (130 ms)	Data Not Available	G
DID $31 Byte 739	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (130 ms)	Data Not Available	G
DID $31 Byte 740	$FF	SDM Recorded Vehicle Roll Rate (140 ms)	Data Not Available	deg/sec
DID $31 Byte 741	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (140 ms)	Data Not Available	G
DID $31 Byte 742	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (140 ms)	Data Not Available	G
DID $31 Byte 743	$FF	SDM Recorded Vehicle Roll Rate (150 ms)	Data Not Available	deg/sec
DID $31 Byte 744	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (150 ms)	Data Not Available	G
DID $31 Byte 745	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (150 ms)	Data Not Available	G
DID $31 Byte 746	$FF	SDM Recorded Vehicle Roll Rate (160 ms)	Data Not Available	deg/sec
DID $31 Byte 747	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (160 ms)	Data Not Available	G
DID $31 Byte 748	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (160 ms)	Data Not Available	G
DID $31 Byte 749	$FF	SDM Recorded Vehicle Roll Rate (170 ms)	Data Not Available	deg/sec
DID $31 Byte 750	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (170 ms)	Data Not Available	G
DID $31 Byte 751	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (170 ms)	Data Not Available	G
DID $31 Byte 752	$FF	SDM Recorded Vehicle Roll Rate (180 ms)	Data Not Available	deg/sec
DID $31 Byte 753	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (180 ms)	Data Not Available	G
DID $31 Byte 754	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (180 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 755	$FF	SDM Recorded Vehicle Roll Rate (190 ms)	Data Not Available	deg/sec
DID $31 Byte 756	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (190 ms)	Data Not Available	G
DID $31 Byte 757	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (190 ms)	Data Not Available	G
DID $31 Byte 758	$FF	SDM Recorded Vehicle Roll Rate (200 ms)	Data Not Available	deg/sec
DID $31 Byte 759	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (200 ms)	Data Not Available	G
DID $31 Byte 760	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (200 ms)	Data Not Available	G
DID $31 Byte 761	$FF	SDM Recorded Vehicle Roll Rate (210 ms)	Data Not Available	deg/sec
DID $31 Byte 762	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (210 ms)	Data Not Available	G
DID $31 Byte 763	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (210 ms)	Data Not Available	G
DID $31 Byte 764	$FF	SDM Recorded Vehicle Roll Rate (220 ms)	Data Not Available	deg/sec
DID $31 Byte 765	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (220 ms)	Data Not Available	G
DID $31 Byte 766	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (220 ms)	Data Not Available	G
DID $31 Byte 767	$FF	SDM Recorded Vehicle Roll Rate (230 ms)	Data Not Available	77
DID $31 Byte 768	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (230 ms)	Data Not Available	G
DID $31 Byte 769	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (230 ms)	Data Not Available	G
DID $31 Byte 770	$FF	SDM Recorded Vehicle Roll Rate (240 ms)	Data Not Available	deg/sec
DID $31 Byte 771	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (240 ms)	Data Not Available	G
DID $31 Byte 772	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (240 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 773	$FF	SDM Recorded Vehicle Roll Rate (250 ms)	Data Not Available	deg/sec
DID $31 Byte 774	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (250 ms)	Data Not Available	G
DID $31 Byte 775	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (250 ms)	Data Not Available	G
DID $31 Byte 776	$FF	SDM Recorded Vehicle Roll Rate (260 ms)	Data Not Available	deg/sec
DID $31 Byte 777	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (260 ms)	Data Not Available	G
DID $31 Byte 778	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (260 ms)	Data Not Available	G
DID $31 Byte 779	$FF	SDM Recorded Vehicle Roll Rate (270 ms)	Data Not Available	deg/sec
DID $31 Byte 780	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (270 ms)	Data Not Available	G
DID $31 Byte 781	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (270 ms)	Data Not Available	G
DID $31 Byte 782	$FF	SDM Recorded Vehicle Roll Rate (280 ms)	Data Not Available	deg/sec
DID $31 Byte 783	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (280 ms)	Data Not Available	G
DID $31 Byte 784	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (280 ms)	Data Not Available	G
DID $31 Byte 785	$FF	SDM Recorded Vehicle Roll Rate (290 ms)	Data Not Available	deg/sec
DID $31 Byte 786	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (290 ms)	Data Not Available	G
DID $31 Byte 787	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (290 ms)	Data Not Available	G

Event Data General (part two)

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $90 Byte 0	$32	Vehicle Identification Number (VIN) Digit 1	2	
DID $90 Byte 1	$47	Vehicle Identification Number (VIN) Digit 2	G	
DID $90 Byte 2	$31	Vehicle Identification Number (VIN) Digit 3	1	
DID $90 Byte 3	$31	Vehicle Identification Number (VIN) Digit 4	1	
DID $90 Byte 4	$32	Vehicle Identification Number (VIN) Digit 5	2	
DID $90 Byte 5	$35	Vehicle Identification Number (VIN) Digit 6	5	
DID $90 Byte 6	$53	Vehicle Identification Number (VIN) Digit 7	S	
DID $90 Byte 7	$33	Vehicle Identification Number (VIN) Digit 8	3	
DID $90 Byte 8	$36	Vehicle Identification Number (VIN) Digit 9	6	
DID $90 Byte 9	$45	Vehicle Identification Number (VIN) Digit 10	E	
DID $90 Byte 10	$39	Vehicle Identification Number (VIN) Digit 11	9	
DID $90 Byte 11	$31	Vehicle Identification Number (VIN) Digit 12	1	
DID $90 Byte12	$32	Vehicle Identification Number (VIN) Digit 13	2	
DID $90 Byte 13	$39	Vehicle Identification Number (VIN) Digit 14	9	
DID $90 Byte 14	$38	Vehicle Identification Number (VIN) Digit 15	8	
DID $90 Byte 15	$38	Vehicle Identification Number (VIN) Digit 16	8	
DID $90 Byte 16	$35	Vehicle Identification Number (VIN) Digit 17	5	
DID $9A Bytes 0-1	$0911	System Type	N/A	
DID $B4 Bytes 0-1	$3133	Manufacturing Traceability Data, Component Identifier	13	
DID $B4 Bytes 2-5	$31333230	Manufacturing Traceability Data, Part Number/Broadcast Code	1320	
DID $B4 Byte 6	$33	ManufacturingTraceability Data, Supplier Code	3	
DID $B4 Bytes 7-15	$3035303133343 53532	Manufacturing Traceability Data, Traceability Number	050134552	
DID $C1 Bytes 0-3	$00CF5CBD	Software Module Identifier 1	00CF5CBD	
DID $C2 Bytes 0-3	$0160EA7E	Software Module Identifier 2	0160EA7E	
DID $C3 Bytes 0-3	$0160EA7F	Software Module Identifier 3	0160EA7F	
DID $CB Bytes 0-3	$00CF5CBC	End Model Part Number	00CF5CBC	

PE14-010

GM

9/19/2014

ATTACHMENT 1

Q 04

IMPORTANT NOTICE: Robert Bosch LLC and the manufacturers whose vehicles are accessible using the CDR System urge end users to use the latest production release of the Crash Data Retrieval system software when viewing, printing or exporting any retrieved data from within the CDR program. Using the latest version of the CDR software is the best way to ensure that retrieved data has been translated using the most current information provided by the manufacturers of the vehicles supported by this product.

CDR File Information

User Entered VIN	2G1125S36E9[redacted]
User	[redacted]R ESIS/GM
Case Number	
EDR Data Imaging Date	10/02/2013
Crash Date	09/03/2013
Filename	2G1125S36E9[redacted] ACM.CDRDURAND.CDRX
Saved on	Wednesday, October 2 2013 at 11:37:11
Collected with CDR version	Crash Data Retrieval Tool 11.1.1
Reported with CDR version	Crash Data Retrieval Tool 11.1.1
EDR Device Type	Airbag Control Module
Event(s) recovered	Non-Deployment

Comments

CONNECTION: DLC. VEHICLE POWER SUPPLIED BY BATTERY PACK.

SIR: FLASHES ON AND STAYS ON DURING KEY POWER UP.

MILEAGE: 3243

LOCATION: IAA NEW KINGS RD JACKSONVILLE FL.

PRESENT: RENEE PICKREN GROUP VEHICLE REPAIR MANAGER ENTERPRISE HOLDINGS, MARTIN GARCIA P.E. KIMLEY-HORN ASSOCIATES,

DAN BARSHINGER ENGINEER KIMLEY-HORN ASSOCIATES.

Data Limitations

Recorded Crash Events:

There are two types of recorded crash events for Front, Side, and Rear (FSR) Events. The first is the Non-Deployment Event. A Non-Deployment Event records data but does not deploy the air bag(s). The minimum SDM Recorded Vehicle Velocity Change, that is needed to record a Non-Deployment Event, is five MPH [8 km/h]. A Non-Deployment Event contains Pre-Crash and Crash data. The oldest Non-Deployment event can be overwritten by a Deployment Event, if all three records are full and the Non-Deployment Event is not locked. Non-Deployment Events can be overwritten after approximately 250 ignition cycles. Also, a Non-Deployment event can be recorded if one of the following occurs without the Deployment of any of the frontal air bags, side air bags, or roll bars:

-Pretensioner(s) only Deployment
-Head Rest Deployment
-Battery Cut-Off Deployment

The second type of SDM recorded crash event for FSR Events is the Deployment Event. It also contains Pre-Crash and Crash data. Deployment Events cannot be overwritten or cleared by the SDM.
There are also two types of recorded crash events for Rollover Events. The first is the Non-Deployment (Non-rollover) Event. A Non-Deployment Event records data but does not deploy the air bag(s). A Non-Deployment Event contains Pre-Crash and Crash data. Non-Deployment Rollover event follow the same rules as FSR Non-Deployment events.
The SDM can store up to three Events.

Data:

For FSR Events, SDM Recorded Vehicle Velocity Change reflects the change in velocity that the sensing system experienced during the recorded portion of the event. SDM Recorded Vehicle 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. For Deployment and Non-Deployment Events, the SDM will record 300 milliseconds of data after time zero. The SDM will also record 300 milliseconds of Vehicle Acceleration data after time zero.
For Rollover Events, the SDM may record Lateral Acceleration, Vertical Acceleration, and Roll Rate data, if the SDM is rollover capable. This data reflects what the sensing system experienced during the recorded portion of the event. For Non-Deployment (Non-rollover) Events, the SDM will record 1 second of data before a calibrated angle threshold is reached. For Rollover Deployment Events, the SDM will record up to 700 milliseconds of data before the Deployment criteria is met and 290 milliseconds after the Deployment criteria is met.
-Deployment loops may be displayed as being deployed in a Non-Deployment event record, if a Deployment event is qualified

during the Non-Deployment event. That is, if two or more events are occurring at the same time and one is a Non-Deployment event and one of the others is a Deployment event, and the Deployment event is qualified while the Non-Deployment is still active, the deployed loops may be recorded in the Non-Deployment event record.
-Deployment loops can only be deployed once per module power cycle.
-Time between events is recorded in 10 msec intervals and is displayed in seconds for a maximum time of 655.33 seconds. The counter measures the time from the start of one event to the start of the next event if both events occur within the same ignition cycle.
-The Maximum SDM Recorded Vehicle Velocity Change may occur between the recorded 10 millisecond sample points of the SDM Recorded Vehicle Velocity Change.
-Event Recording Complete will indicate if data from the recorded event has been fully written to the SDM memory or if it has been interrupted and not fully written.
-SDM Recorded Vehicle Speed accuracy can be affected by various factors, including but not limited to the following:
    -Significant changes in the tire's rolling radius
    -Final drive axle ratio changes
    -Wheel lockup and wheel slip
-Brake Switch Circuit Status indicates the open/closed state of the brake switch circuit.
-Pre-Crash data is recorded asynchronously. The 0.5 second Pre-crash data value (most recent recorded data point) is the data point last sampled before Time Zero. That is to say, the last data point may have been captured just before Time Zero but no more than 0.5 second before Time Zero. All subsequent Pre-crash data values are referenced from this data point.
-Pre-Crash Electronic Data Validity Check Status indicates "Data Invalid" if:
    -The SDM receives a message with an "invalid" flag from the module sending the pre-crash data
-Pre-Crash Electronic Data Validity Check Status indicates "Data Not Available" if:
    -No data is received from the module sending the pre-crash data
-Belt Switch Circuit Status indicates the status of the seat belt switch circuit.
-The ignition cycle counter will increment when the power mode cycles from OFF/Accessory to RUN. Applying and removing of battery power to the module will not increment the ignition cycle counter.
-Ignition Cycles Since DTCs Were Last Cleared can record a maximum value of 253 cycles and can only be reset by a scan tool.
-Deployment Event Counter tracks the number of Deployment events that have occurred during the SDM's lifetime.
-Event Counter tracks the number of qualified events (either Deployments, Non-deploy, or Rollover events) that have occurred during the SDM's lifetime.
-The Time Zero to Deployment Command Criteria Met times for the following will be indicated for whichever occurs first:
    -Driver Thorax or Driver Curtain
    -Passenger Thorax or Passenger Curtain
    -Driver Pretensioner Loop #1 or Driver Pretensioner Loop #2
    -Passenger Pretensioner Loop #1 or Passenger Pretensioner Loop #2
-For Deployment Events, DTC B0052 (Deployment commanded) shall be recorded with the remainder of the data for this event even though it occurred after Event Enable.
-Once a firing loop has been commanded to be deployed, it will not be commanded to be deployed again during the same ignition cycle. Firing loop times for subsequent deployment type events, during the same ignition cycle, will record the deployment times as N/A.
-The GM parameter name is displayed in parentheses after the NHTSA Part 563 parameter name.
-The reported range of the longitudinal and lateral acceleration values is approximately ± 50 g.
-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:
-Vehicle Status Data (Pre-Crash) is transmitted by the Body Control Module, via the vehicle's communication network.
-The Belt Switch Circuit is wired directly to the SDM.

Data Element Sign Convention:
The following table provides an explanation of the sign notation for data elements that may be included in this CDR report. Directional references to sign notation are all from the perspective of the driver when seated in the vehicle facing the direction of forward vehicle travel.

Data Element	Positive Sign Notation
Longitudinal Acceleration	Forward
Longitudinal Velocity Change	Forward
Lateral Acceleration	Left to Right
Lateral Velocity Change	Left to Right

Vertical Acceleration	Downward
Roll Rate	Clockwise Rotation

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 tool.

01049_SDM30-autoliv_r006

System Status at Time of Retrieval

Dynamic Deployment Event Counter	0
Multi-Event, Number of Events (Dynamic Event Counter)	1
Dynamic OnStar Notification Event Counter	1
Vehicle Identification Number (VIN)	2G1125S36E9129885
Ignition Cycle, Download (Ignition Cycles at Investigation)	280
End Model Part Number	00CF5CBC
System Type	N/A
Software Module Identifier 1	00CF5CBD
Software Module Identifier 2	0160EA7E
Software Module Identifier 3	0160EA7F
Manufacturing Traceability Data, Component Identifier	13
Manufacturing Traceability Data, Part Number/Broadcast Code	1320
Manufacturing Traceability Data, Supplier Code	3
Manufacturing Traceability Data, Traceability Number	050134552
ESS # 1 Traceability Data, Component Identifier	AU
ESS # 1 Traceability Data, Part Number/Broadcast Code	6422
ESS # 1 Traceability Data, Supplier Code	E
ESS # 1 Traceability Data, Traceability Number	0B55B47D0
ESS # 2 Traceability Data, Component Identifier	AT
ESS # 2 Traceability Data, Part Number/Broadcast Code	6422
ESS # 2 Traceability Data, Supplier Code	E
ESS # 2 Traceability Data, Traceability Number	0106B47D0
ESS # 3 Traceability Data, Component Identifier	AH
ESS # 3 Traceability Data, Part Number/Broadcast Code	4470
ESS # 3 Traceability Data, Supplier Code	E
ESS # 3 Traceability Data, Traceability Number	00F7A8D01
ESS # 4 Traceability Data, Component Identifier	AJ
ESS # 4 Traceability Data, Part Number/Broadcast Code	4470
ESS # 4 Traceability Data, Supplier Code	E
ESS # 4 Traceability Data, Traceability Number	0497C8D01
ESS # 5 Traceability Data, Component Identifier	DA
ESS # 5 Traceability Data, Part Number/Broadcast Code	4470
ESS # 5 Traceability Data, Supplier Code	E
ESS # 5 Traceability Data, Traceability Number	0E2668601
ESS # 6 Traceability Data, Component Identifier	DB
ESS # 6 Traceability Data, Part Number/Broadcast Code	4470
ESS # 6 Traceability Data, Supplier Code	E
ESS # 6 Traceability Data, Traceability Number	011B18C01
ESS # 7 Traceability Data, Component Identifier	00
ESS # 7 Traceability Data, Part Number/Broadcast Code	0000
ESS # 7 Traceability Data, Supplier Code	0
ESS # 7 Traceability Data, Traceability Number	000000000
ESS # 8 Traceability Data, Component Identifier	00
ESS # 8 Traceability Data, Part Number/Broadcast Code	0000
ESS # 8 Traceability Data, Supplier Code	0
ESS # 8 Traceability Data, Traceability Number	000000000

System Status at Event (Event Record 1)

Event Record Type	Non-Deployment
OnStar Deployment Status Data Sent	Yes
Complete file recorded (Event Recording Complete)	Yes
Crash Record Locked	Yes
OnStar SDM Recorded Vehicle Velocity Change Data Sent	Yes
Deployment Event Counter	0
Multi-Event, Number of Events (Event Counter)	1
OnStar Notification Event Counter	1
Time From Event 1 to 2 (Time Between Events) (seconds)	Data Not Available
Ignition Cycle, Crash (Ignition Cycles at Event)	263
Algorithm Active: Frontal	No
Algorithm Active: Side	No
Algorithm Active: Rollover	Yes
Algorithm Active: Rear	Yes
Concurrent Event Flag Set	No
Event Severity Status: Frontal Pretensioner	No
Event Severity Status: Frontal Stage 1	No
Event Severity Status: Frontal Stage 2	No
Event Severity Status: Left Side	No
Event Severity Status: Right Side	No
Event Severity Status: Rear	Yes
Event Severity Status: Rollover	No
Safety Belt Status, Driver (Driver Belt Switch Circuit Status)	Buckled
Safety Belt Status, Right Front Passenger (Passenger Belt Switch Circuit Status)	Not Buckled
Center Front Row Belt Switch Circuit Status (If Equipped)	Data Not Available
Left Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Center Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Right Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Passenger Seat Occupancy Status	Empty
Passenger Classification Status	Not Applicable
Passenger Air Bag ON Indicator Status	Off
Passenger Air Bag OFF Indicator Status	On
Low Tire Pressure Warning Lamp Status 0.5 Seconds Prior to Time Zero	Off
Frontal Air Bag Warning Lamp (SIR Warning Lamp Status 0.5 Seconds Prior to Time Zero)	Off
SIR Warning Lamp ON/OFF Time Continuously (seconds)	288180
Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	257
Ignition Cycles Since DTCs Were Last Cleared 0.5 Seconds Prior to Time Zero	253
Maximum Delta-V, Longitudinal (Maximum Longitudinal SDM Recorded Vehicle Velocity Change for FSR Event) MPH [km/h]	19 [31]
Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM Recorded Vehicle Velocity Change)(msec)	182
Maximum Delta-V, Lateral (Maximum Lateral SDM Recorded Vehicle Velocity Change for FSR Event) MPH [km/h]	0 [0]
Time Maximum Delta-V, Lateral (Time From FSR Time Zero to Maximum Lateral SDM Recorded Vehicle Velocity Change)(msec)	50
High Voltage Disable Notification Sent	Yes
Deployment Commanded in Energy Reserve Mode	No

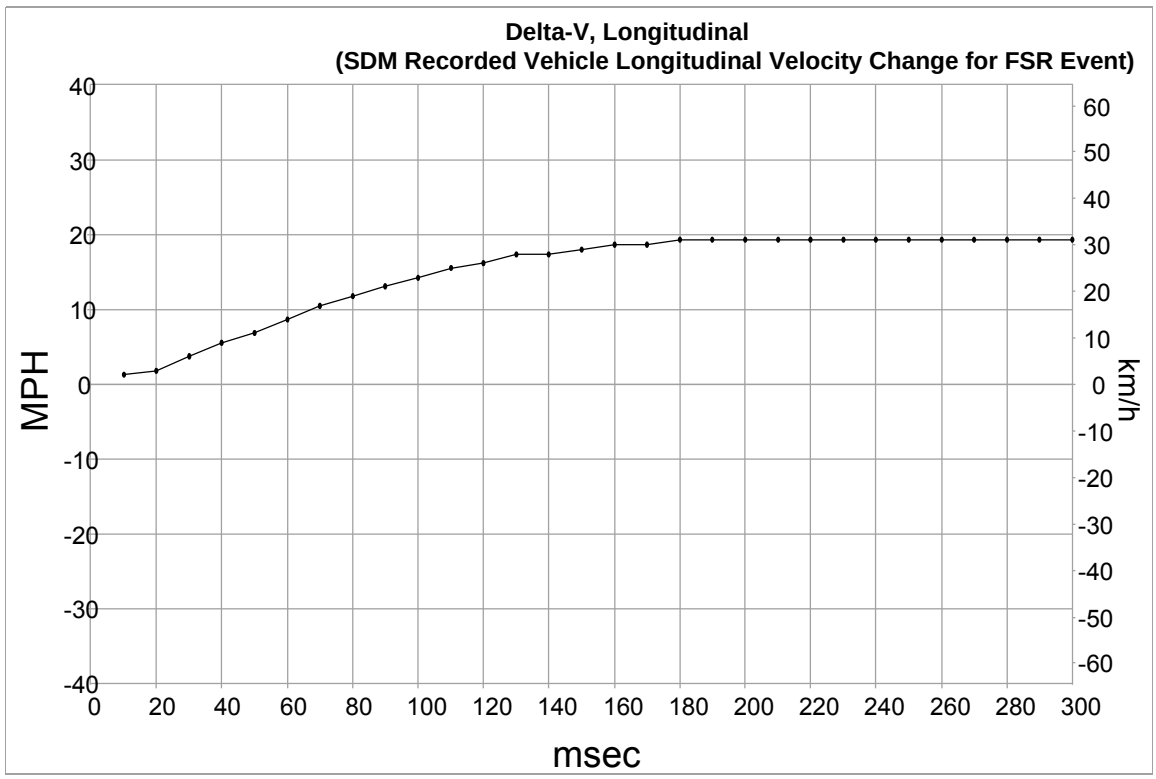
DTCs Present at Time of Event (Event Record 1)

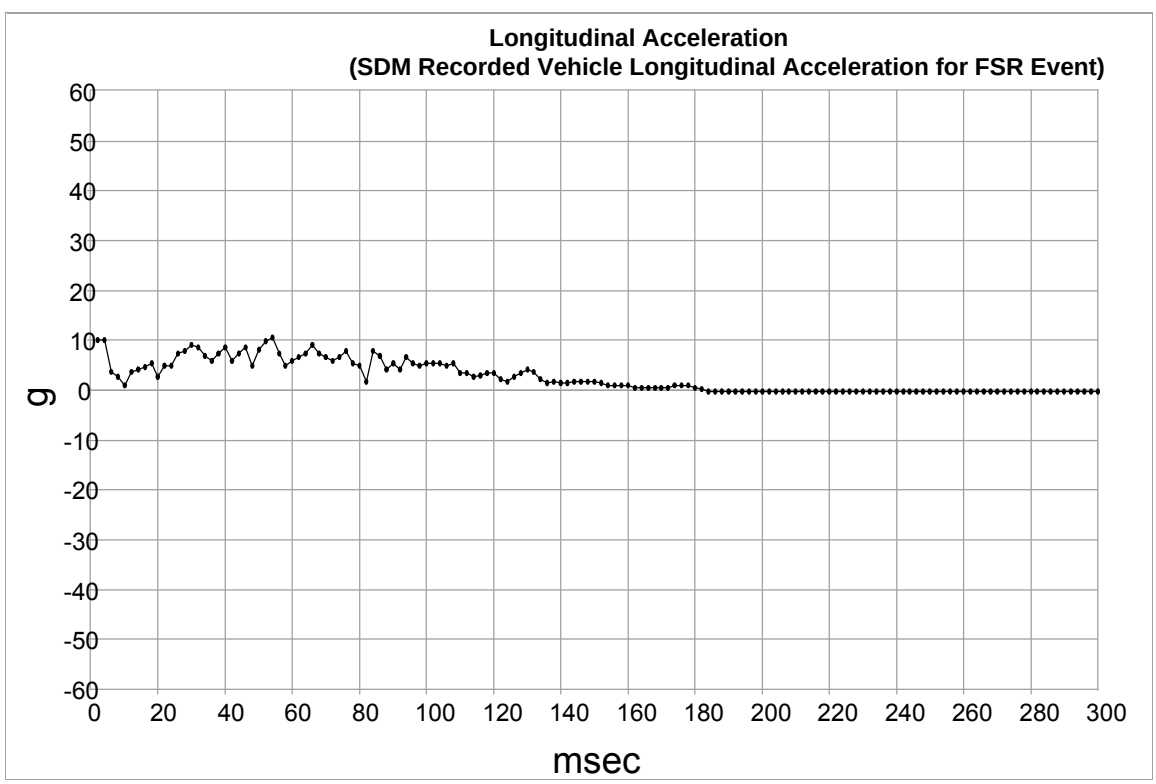
B0052-00

Event Data (Event Record 1)

Driver 1st Stage Deployment Loop Commanded	No
Passenger 1st Stage Deployment Loop Commanded	No
Driver 2nd Stage Deployment Loop Commanded	No
Passenger 2nd Stage Deployment Loop Commanded	No
Driver Pretensioner Deployment Loop #1 Commanded	Yes
Passenger Pretensioner Deployment Loop #1 Commanded	Yes
Driver Pretensioner Deployment Loop #2 Commanded	Yes
Passenger Pretensioner Deployment Loop #2 Commanded	Yes
Driver Thorax Loop Commanded (If Equipped)	No
Passenger Thorax Loop Commanded (If Equipped)	No
Left Row 2 Thorax Loop Commanded (If Equipped)	No
Right Row 2 Thorax Loop Commanded (If Equipped)	No
Driver Row 1 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Passenger Row 1 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Left Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Right Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Left Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Right Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Driver Knee Deployment Loop Commanded (If Equipped)	No
Passenger Knee Deployment Loop Commanded (If Equipped)	No
Left Row 2 Pretensioner Deployment Loop Commanded	No
Right Row 2 Pretensioner Deployment Loop Commanded	No
Center Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No
Battery Cutoff Loop Commanded (If Equipped)	No
Driver Roll Bar Loop Commanded (If Equipped)	No
Passenger Roll Bar Loop Commanded (If Equipped)	No
Steering Column Energy Absorbing Loop Commanded (If Equipped)	No
Driver Head Rest Loop Commanded (If Equipped)	No
Passenger Head Rest Loop Commanded (If Equipped)	No
Left Row 2 Head Rest Loop Commanded (If Equipped)	No
Right Row 2 Head Rest Loop Commanded (If Equipped)	No
Center Row 2 Head Rest Loop Commanded (If Equipped)	No
High Voltage Battery Cutoff loop commanded (If Equipped)	No
Frontal Air Bag Deployment, Time to 1st Stage Deployment, Driver (Driver 1st Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Frontal Air Bag Deployment, Time to 2nd Stage, Driver (Driver 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Frontal Air Bag Deployment, Time to 1st Stage Deployment, Right Front Passenger (Passenger 1st Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec)	65
Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec)	65

Longitudinal Crash Pulse (Event Record 1)





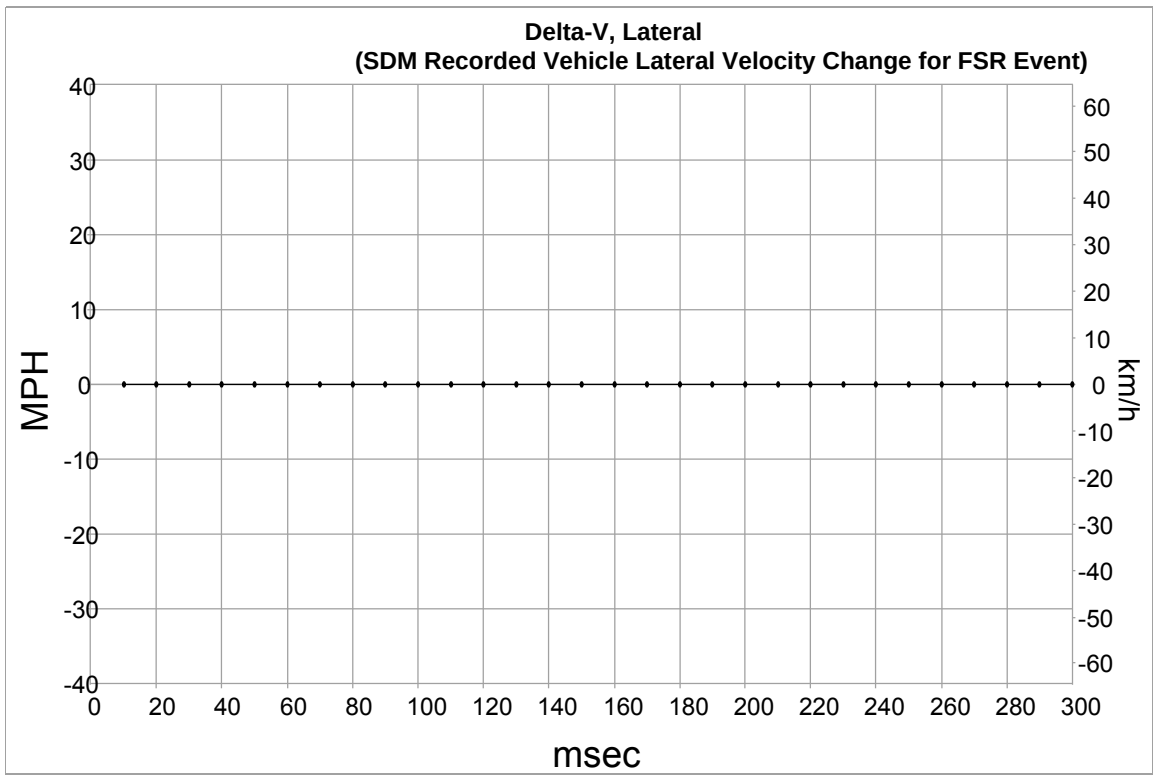
Longitudinal Crash Pulse (Event Record 1)

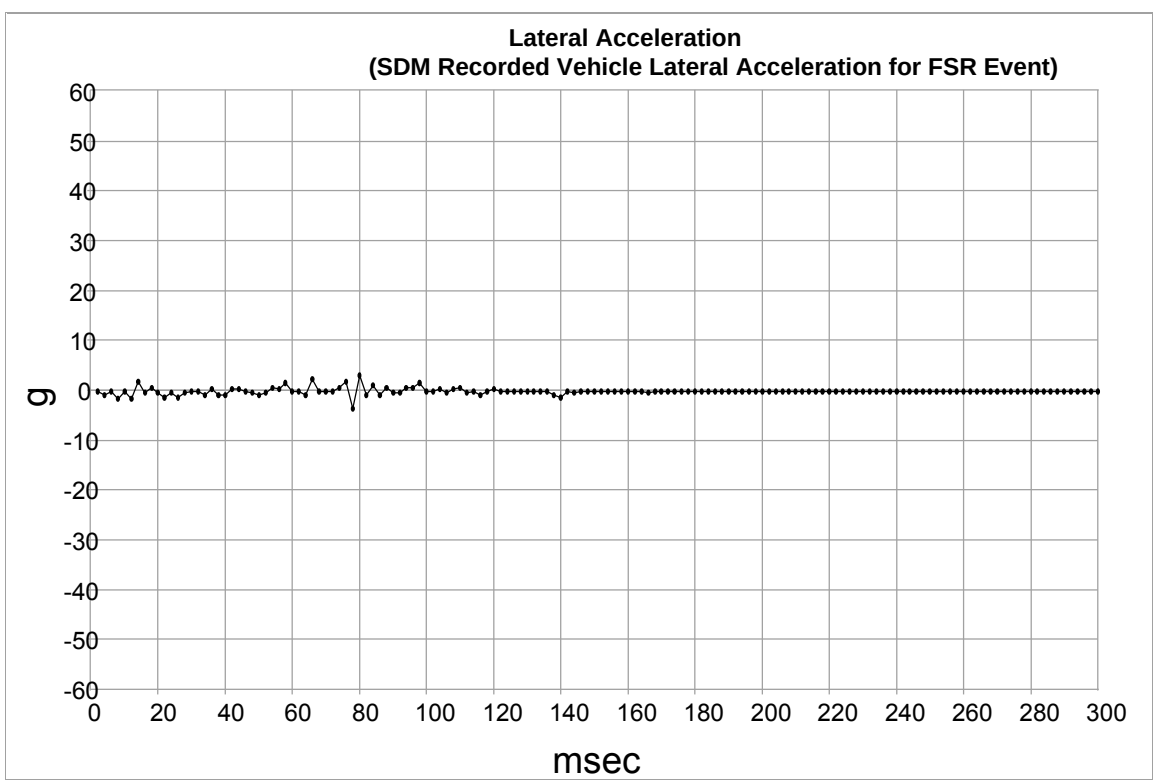
Time (msec)	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (MPH)	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (km/h)
10	1.2	2.0
20	1.9	3.0
30	3.7	6.0
40	5.6	9.0
50	6.8	11.0
60	8.7	14.0
70	10.6	17.0
80	11.8	19.0
90	13.0	21.0
100	14.3	23.0
110	15.5	25.0
120	16.2	26.0
130	17.4	28.0
140	17.4	28.0
150	18.0	29.0
160	18.6	30.0
170	18.6	30.0
180	19.3	31.0
190	19.3	31.0
200	19.3	31.0
210	19.3	31.0
220	19.3	31.0
230	19.3	31.0
240	19.3	31.0
250	19.3	31.0
260	19.3	31.0
270	19.3	31.0
280	19.3	31.0
290	19.3	31.0
300	19.3	31.0

Longitudinal Crash Pulse (Event Record 1)

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)	Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)	Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
2	10.2	102	5.4	202	-0.2
4	10.2	104	5.4	204	-0.2
6	3.8	106	5.0	206	-0.2
8	2.6	108	5.4	208	-0.2
10	1.0	110	3.4	210	-0.2
12	3.8	112	3.4	212	-0.2
14	4.2	114	2.6	214	-0.2
16	4.6	116	3.0	216	-0.2
18	5.4	118	3.4	218	-0.2
20	2.6	120	3.4	220	-0.2
22	5.0	122	2.2	222	-0.2
24	5.0	124	1.8	224	-0.2
26	7.4	126	2.6	226	-0.2
28	7.8	128	3.4	228	-0.2
30	9.0	130	4.2	230	-0.2
32	8.6	132	3.8	232	-0.2
34	7.0	134	2.2	234	-0.2
36	5.8	136	1.4	236	-0.2
38	7.4	138	1.8	238	-0.2
40	8.6	140	1.4	240	-0.2
42	5.8	142	1.4	242	-0.2
44	7.4	144	1.8	244	-0.2
46	8.6	146	1.8	246	-0.2
48	5.0	148	1.8	248	-0.2
50	8.2	150	1.8	250	-0.2
52	9.8	152	1.4	252	-0.2
54	10.6	154	1.0	254	-0.2
56	7.4	156	1.0	256	-0.2
58	5.0	158	1.0	258	-0.2
60	5.8	160	1.0	260	-0.2
62	6.6	162	0.6	262	-0.2
64	7.4	164	0.6	264	-0.2
66	9.0	166	0.6	266	-0.2
68	7.4	168	0.6	268	-0.2
70	6.6	170	0.6	270	-0.2
72	5.8	172	0.6	272	-0.2
74	6.6	174	1.0	274	-0.2
76	7.8	176	1.0	276	-0.2
78	5.4	178	1.0	278	-0.2
80	5.0	180	0.6	280	-0.2
82	1.8	182	0.2	282	-0.2
84	7.8	184	-0.2	284	-0.2
86	7.0	186	-0.2	286	-0.2
88	4.2	188	-0.2	288	-0.2
90	5.4	190	-0.2	290	-0.2
92	4.2	192	-0.2	292	-0.2
94	6.6	194	-0.2	294	-0.2
96	5.4	196	-0.2	296	-0.2
98	5.0	198	-0.2	298	-0.2
100	5.4	200	-0.2	300	-0.2

Lateral Crash Pulse (Event Record 1)





Lateral Crash Pulse (Event Record 1)

Time (msec)	Delta-V, Lateral (SDM Recorded Vehicle Lateral Velocity Change for FSR Event) (MPH)	Delta-V, Lateral (SDM Recorded Vehicle Lateral Velocity Change for FSR Event) (km/h)
10	0.0	0.0
20	0.0	0.0
30	0.0	0.0
40	0.0	0.0
50	0.0	0.0
60	0.0	0.0
70	0.0	0.0
80	0.0	0.0
90	0.0	0.0
100	0.0	0.0
110	0.0	0.0
120	0.0	0.0
130	0.0	0.0
140	0.0	0.0
150	0.0	0.0
160	0.0	0.0
170	0.0	0.0
180	0.0	0.0
190	0.0	0.0
200	0.0	0.0
210	0.0	0.0
220	0.0	0.0
230	0.0	0.0
240	0.0	0.0
250	0.0	0.0
260	0.0	0.0
270	0.0	0.0
280	0.0	0.0
290	0.0	0.0
300	0.0	0.0

Lateral Crash Pulse (Event Record 1)

Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)	Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)	Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)
2	-0.2	102	-0.2	202	-0.2
4	-1.0	104	0.2	204	-0.2
6	-0.2	106	-0.6	206	-0.2
8	-1.8	108	0.2	208	-0.2
10	-0.2	110	0.6	210	-0.2
12	-1.8	112	-0.6	212	-0.2
14	1.8	114	-0.2	214	-0.2
16	-0.6	116	-1.0	216	-0.2
18	0.6	118	-0.2	218	-0.2
20	-0.6	120	0.2	220	-0.2
22	-1.4	122	-0.2	222	-0.2
24	-0.6	124	-0.2	224	-0.2
26	-1.4	126	-0.2	226	-0.2
28	-0.6	128	-0.2	228	-0.2
30	-0.2	130	-0.2	230	-0.2
32	-0.2	132	-0.2	232	-0.2
34	-1.0	134	-0.2	234	-0.2
36	0.2	136	-0.2	236	-0.2
38	-1.0	138	-1.0	238	-0.2
40	-1.0	140	-1.4	240	-0.2
42	0.2	142	-0.2	242	-0.2
44	0.2	144	-0.6	244	-0.2
46	-0.2	146	-0.2	246	-0.2
48	-0.6	148	-0.2	248	-0.2
50	-1.0	150	-0.2	250	-0.2
52	-0.6	152	-0.2	252	-0.2
54	0.6	154	-0.2	254	-0.2
56	0.2	156	-0.2	256	-0.2
58	1.4	158	-0.2	258	-0.2
60	-0.2	160	-0.2	260	-0.2
62	-0.2	162	-0.2	262	-0.2
64	-1.0	164	-0.2	264	-0.2
66	2.2	166	-0.6	266	-0.2
68	-0.2	168	-0.2	268	-0.2
70	-0.2	170	-0.2	270	-0.2
72	-0.2	172	-0.2	272	-0.2
74	0.6	174	-0.2	274	-0.2
76	1.8	176	-0.2	276	-0.2
78	-3.8	178	-0.2	278	-0.2
80	3.0	180	-0.2	280	-0.2
82	-1.0	182	-0.2	282	-0.2
84	1.0	184	-0.2	284	-0.2
86	-1.0	186	-0.2	286	-0.2
88	0.6	188	-0.2	288	-0.2
90	-0.6	190	-0.2	290	-0.2
92	-0.6	192	-0.2	292	-0.2
94	0.6	194	-0.2	294	-0.2
96	0.6	196	-0.2	296	-0.2
98	1.4	198	-0.2	298	-0.2
100	-0.2	200	-0.2	300	-0.2

Rollover Crash Pulse (Event Record 1)
SDM Recorded Vehicle Roll Rate

Contains No Recorded Data

Rollover Crash Pulse (Event Record 1)
Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event)

Contains No Recorded Data

Vertical Crash Pulse (Event Record 1)
Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event)

Contains No Recorded Data

Pre-Crash Data -5.0 to -0.5 sec (Event Record 1)

Times (sec)	Accelerator Pedal, % Full (Accelerator Pedal Position)	Service Brake (Brake Switch Circuit State)	Engine RPM (Engine Speed)	Engine Throttle, % Full (Throttle Position)	Speed, Vehicle Indicated (Vehicle Speed) (MPH [km/h])
-5.0	27	Off	1856	52	71 [114]
-4.5	25	Off	1856	39	71 [114]
-4.0	19	Off	1792	15	71 [114]
-3.5	18	Off	1792	13	70 [113]
-3.0	0	Off	1664	10	68 [109]
-2.5	0	Off	1600	10	63 [102]
-2.0	0	On	1408	8	57 [91]
-1.5	0	Off	1216	7	50 [81]
-1.0	35	Off	1024	7	43 [70]
-0.5	0	Off	832	2	37 [59]

Pre-Crash Data -2.0 to -0.5 sec (Event Record 1)

Times (sec)	Cruise Control Active	Cruise Control Resume Switch Active	Cruise Control Set Switch Active	Engine Torque (lb-ft [N-m])	Reduced Engine Power Mode Indicator
-2.0	No	No	No	-5 [-6]	Off
-1.5	No	No	No	-3 [-4]	Off
-1.0	No	No	No	3 [4]	Off
-0.5	No	No	No	2 [3]	Off

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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FF FD 40 FC C0 7C 00

DPID $15
01 02 03 04 05 06 07

DPID $16
08 09 0A 0D 0E 13 14

DPID $17
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DPID $32
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DID $01
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DID $03
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DID $05
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DID $07
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DID $C2
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DID $C3
01 60 EA 7F

DID $CB
00 CF 5C BC

DID $31

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 0050   1A 1C 1C 1D 1D 06 A6 06 A8 06
 0060   98 06 93 02 07 07 08 0A 0A 0D
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0680   FF FF FF FF FF FF FF FF FF FF
0690   FF FF FF FF FF FF FF FF FF FF
0700   FF FF FF FF FF FF FF FF FF FF
0710   FF FF FF FF FF FF FF FF FF FF
0720   FF FF FF FF FF FF FF FF FF FF
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0790   FF FF FF FF FF FF FF FF FF FF
0800   FF FF FF FF FF FF FF FF FF FF
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0900   FF FF FF FF FF FF FF FF FF FF
0910   FF FF FF FF FF FF FF FF FF FF
0920   FF FF FF FF FF FF FF FF FF FF
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0940   FF FF FF FF FF FF FF FF FF FF
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0960   FF FF FF FF FF FF FF FF FF FF
0970   FF FF FF FF FF FF FF FF FF FF
0980   FF FF FF FF FF FF FF FF FF FF
0990   FF FF FF FF FF FF FF FF FF FF
1000   FF FF FF FF FF FF FF FF FF FF
1010   FF FF FF FF FF FF FF FF FF FF
1020   FF FF FF FF FF FF FF FF FF FF
1030   FF FF FF FF FF FF FF FF FF FF
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1060   FF FF FF FF FF FF FF FF FF FF
1070   FF FF FF FF FF FF FF FF FF FF
1080   FF FF FF FF FF FF FF FF FF FF
1090   FF FF FF FF FF FF FF FF FF FF
1100   FF FF FF FF FF FF FF FF FF FF
1110   FF FF FF FF FF FF FF FF FF FF
1120   FF FF FF FF FF FF FF FF FF FF
1130   FF FF FF FF FF FF FF FF FF FF
1140   FF FF FF FF FF FF FF FF FF FF
1150   FF FF FF FF FF FF FF FF FF FF
1160   FF FF FF FF FF FF FF FF FF FF
1170   FF FF FF FF FF FF FF FF FF FF
1180   FF FF FF FF FF FF FF FF FF FF
1190   FF FF FF FF FF FF FF FF FF FF
1200   FF
```

Disclaimer of Liability

PE14-010

GM

9/19/2014

ATTACHMENT 1

Q 04

FLORIDA TRAFFIC CRASH REPORT

LONG FORM [X] SHORT FORM [ ] UPDATE [ ]

(Electronic Version)

HIGHWAY SAFETY & MOTOR VEHICLES,
TRAFFIC CRASH RECORDS
NEIL KIRKMAN BUILDING, TALLAHASSEE, FL 32399-0537

Date of Crash	Time of Crash	Date of Report	Invest. Agency Report Number	HSMV Crash Report Number
03/Sep/2013	11:40 AM	03/Sep/2013	12:22 PM	FHPB13OFF026989	83652305

CRASH IDENTIFIERS

County Code	City Code	County of Crash	Place or City of Crash	Within City Limits	Time Reported	Time Dispatched
29		COLUMBIA		No	03/Sep/2013 11:44 AM	03/Sep/2013 11:44 AM

Time on Scene	Time Cleared Scene	Completed	Reason (if Investigation NOT Completed)	Notified By
03/Sep/2013 12:09 PM	03/Sep/2013 01:44 PM	Yes		Law Enforcement

ROADWAY INFORMATION

Crash Occured On Street, Road, Highway	At Street Address#	At Latitude	and Longitude
STATE ROAD 6		30.245228474959699	-82.674606014652195

At Feet	Or Miles	Direction	From Intersection With Street, Road, Highway	Or From Milepost #
200		West	STATE ROAD 25	

Road System Identifier	Type Of Shoulder	Type Of Intersection
1 Interstate	1 Paved	1 Not at Intersection

CRASH INFORMATION (Check If Pictures Taken) [ ]

light Condition	Weather Condition	Roadway Surface Condition	School Bus Related	Manner Of Collision
1 Daylight	1 Clear	1 Dry	1 No	1 Front to Rear

First Harmful Event Type	First Harmful Event	First Harmful Event Location	Within Interchange	First Harmful Event Relation to Junction
	14	1 On Roadway	No	1 Non-Junction

Contributing Circumstances: Road	Contributing Circumstances: Road	Contributing Circumstances: Road
1 None		

Contributing Circumstances: Environment	Contributing Circumstances: Environment	Contributing Circumstances: Environment
1 None		

Work Zone Related	Crash In Work Zone	Type Of Work Zone	Workers In Work Zone	Law Enforcement In Work Zone
1 No				

VEHICLE (Check If Commercial) [X]

Vehicle	Motor Vehicle Type	Hit and Run	Veh License Number	State	Reg. Expires	Permanent Reg.	VIN
2	1 Vehicle in Transport	1 No	[redacted]	PA	31/May/2014	No	1XKWD49X66J146349

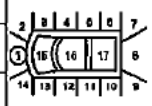
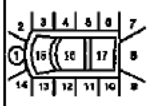
Year	Make	Model	Style	Color	Extent of Damage	Est. Damage	Towed Due To Damage	Vehicle Removed By	Rotation
2006	KW	SEMI	SEMI	RED	Minor	2500	No		

Insurance Company	Insurance Policy Number
GREAT WEST	[redacted]

Name of Vehicle Owner (Check Box If Business)	Current Address (Number and Street)	City and State	Zip Code
RICKY SHREINER [ ]	653 KUTZTOWN RD	MYERSTOWN PA	17067

	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles
Trailer One:	PT8225T	PA		Yes	1RNF48A207R[redacted]	2007	REIT	53	2
Trailer Two:	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles

Vehicle Traveling:	Direction	On Street, Road, Highway	At Est. Speed	Posted Speed	Total Lanes
	West	STATE ROAD 6	65	65	4

CMV Configuration	Cargo Body Type	Area of Initial Impact	Most Damaged Area
2	7		

Comm GVWR/GCWR	Trailer Type (trailer one)	Trailer Type (trailer two)
3 More than 26,000 lbs (11,793 kg)	Single Semi Trailer	

Haz. Mat. Release	Haz. Mat. Placard	Number	Class
1	1		

Motor Carrier Name	US DOT Number
[redacted]	[redacted]

	City and State	Zip Code	Phone Number
[redacted]	MYERSTOWN PA	[redacted]	

Comm/Non-Commercial	Vehicle Body Type	Vehicle Defects (one)	Vehicle Defects (two)	Emergency Vehicle Use	Special Function of MV
1	20 Medium/Heavy Trucks (more than 10,000 lbs (4,536 kg))	1 None		1 No	1 No Special Function

Vehicle Maneuver Action	Trafficway	Roadway Grade	Roadway Alignment	Most Harmful Event	Most Harmful Event Detail
1 Straight Ahead	4 Two-Way, Divided, Positive Median Barrier	1 Level	1 Straight	2 Collision with Non-Fixed Object	14 Motor Vehicle in Transport

Traffic Control Device For This Vehicle	First (1) Sequence of Events	Second (2) Sequence of Events	Third (3) Sequence of Events	Fourth (4) Sequence of Events
1 No Controls	2 Collision with Non-Fixed Object 14 Motor Vehicle in Transport			

VEHICLE (Check If Commercial) [ ]

Vehicle	Motor Vehicle Type	Hit and Run	Veh License Number	State	Reg. Expires	Permanent Reg.	VIN
1	1 Vehicle in Transport	1 No	[redacted]	FL	30/Jun/2014	No	2G1125S36E[redacted]

Year	Make	Model	Style	Color	Extent of Damage	Est. Damage	Towed Due To Damage	Vehicle Removed By	Rotation
2014	CHEV	IMPALA	4D	BLK	Disabling	7000	Yes	CREAMERS	Rotation

Date of Crash	Date of Report	Invest. Agency Report Number	HSMV Crash Report Number
03/Sep/2013 11:40 AM	03/Sep/2013 11:40 AM	FHPB13OFF026989	83652305

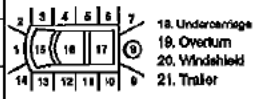
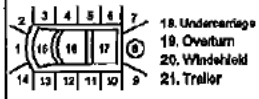
Insurance Company	Insurance Policy Number
SELF INSURED	NA

Name of Vehicle Owner (Check Box If Business)	Current Address (Number and Street)	City and State
[redacted]	[redacted]	TULSA OK

Trailer One:	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles

Trailer Two:	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles

Vehicle Traveling:	Direction	On Street, Road, Highway	At Est. Speed	Posted Speed	Total Lanes
	West	STATE ROAD 8	25	70	4

CMV Configuration	Cargo Body Type	Area of Initial Impact	Most Damaged Area
		 18. Undercarriage 19. Overturn 20. Windshield 21. Trailer	 18. Undercarriage 19. Overturn 20. Windshield 21. Trailer

Comm GVWR/GCWR	Trailer Type (trailer one)	Trailer Type (trailer two)

Haz. Mat. Release	Haz Mat. Placard	Number	Class

Motor Carrier Name	US DOT Number

Motor Carrier Address	City and State	Zip Code	Phone Number

Comm/Non-Commercial	Vehicle Body Type	Vehicle Defects (one)	Vehicle Defects (two)	Emergency Vehicle Use	Special Function of MV
	1 Passenger Car	77 Other, Explain in Narrative		1 No	1 No Special Function

Vehicle Maneuver Action	Trafficway	Roadway Grade	Roadway Alignment	Most Harmful Event	Most Harmful Event Detail
14 Slowing	4 Two-Way, Divided, Positive Median Barrier	1 Level	1 Straight	2 Collision with Non-Fixed Object	14 Motor Vehicle in Transport

Traffic Control Device For This Vehicle	First (1) Sequence of Events	Second (2) Sequence of Events	Third (3) Sequence of Events	Fourth (4) Sequence of Events
1 No Controls	2 Collision with Non-Fixed Object 14 Motor Vehicle in Transport			

PERSON RECORD

Person#	Description	Vehicle #	Name	Date of Birth	Sex	Phone Number	Re-Exam
1	1 Driver	1	[redacted]	[redacted]	2 Female		No

Address	City	State	Zip Code
[redacted]	FRANKLIN	TN	[redacted]

Driver License Number	State	Expires	DL Type	Req. End.	Injury Severity	Ejection
061482636	TN	22/Mar/2017	5 E/Operator	3 No Req Endorsement	2 Possible	1 Not Ejected

Restraint System	Air Bag Deployed	Helmet Use	Eye Protection	Seating Location Seat	Seating Location Row	Seating Location Other
3 Shoulder and Lap Belt Used	2 Not Deployed		3 Not Applicable	1 Left	1 Front	1 Not Applicable

Drivers Actions at Time of Crash (first)	Drivers Actions at Time of Crash (second)	Driver Distracted By	Vision Obstruction
77 Other Contributing Action		1 Not Distracted	1 Vision Not Obscured

Drivers Actions at Time of Crash (third)	Drivers Actions at Time of Crash (fourth)	Drivers Condition at Time of Crash
		1 Apparently Normal

Suspected Alcohol Use	Alcohol Tested	Alcohol Test Type	Alcohol Test Result	BAC	Suspected Drug Use	Drug Tested	Drug Test Type	Drug Test Result
1 No	1 Test Not Given				1 No	1 Test Not Given		

Source of Transport to Medical Facility	EMS Agency Name or ID	EMS Run Number	Medical Facility Transported To
2 EMS	LIFEGUARD		LAKE CITY MEDICAL

PERSON RECORD

Person#	Description	Vehicle #	Name	Date of Birth	Sex	Phone Number	Re-Exam
2	1 Driver	2	RICHARD RAY CUSTER 2	18/Feb/1949	1 Male		No

Address	City	State	Zip Code
10696 ALLENTOWN BLVD APT 6	JONESTOWN	PA	17038

Driver License Number	State	Expires	DL Type	Req. End.	Injury Severity	Ejection
13750880	PA	03/Feb/2015	1 A	3 No Req Endorsement	1 None	1 Not Ejected

Restraint System	Air Bag Deployed	Helmet Use	Eye Protection	Seating Location Seat	Seating Location Row	Seating Location Other
3 Shoulder and Lap Belt Used	1 Not Applicable		3 Not Applicable	1 Left	1 Front	1 Not Applicable

Drivers Actions at Time of Crash (first)	Drivers Actions at Time of Crash (second)	Driver Distracted By	Vision Obstruction
1 No Contributing Action		1 Not Distracted	1 Vision Not Obscured

Drivers Actions at Time of Crash (third)	Drivers Actions at Time of Crash (fourth)	Drivers Condition at Time of Crash
		1 Apparently Normal

Suspected Alcohol Use	Alcohol Tested	Alcohol Test Type	Alcohol Test Result	BAC	Suspected Drug Use	Drug Tested	Drug Test Type	Drug Test Result
1 No	1 Test Not Given				1 No	1 Test Not Given		

Source of Transport to Medical Facility	EMS Agency Name or ID	EMS Run Number	Medical Facility Transported To
1 Not Transported			

NARRATIVE

Date of Crash	Date of Report	Invest. Agency Report Number	HSMV Crash Report Number
03/Sep/2013 11:40 AM	03/Sep/2013 11:40 AM	FHPB13OFF026989	83652305

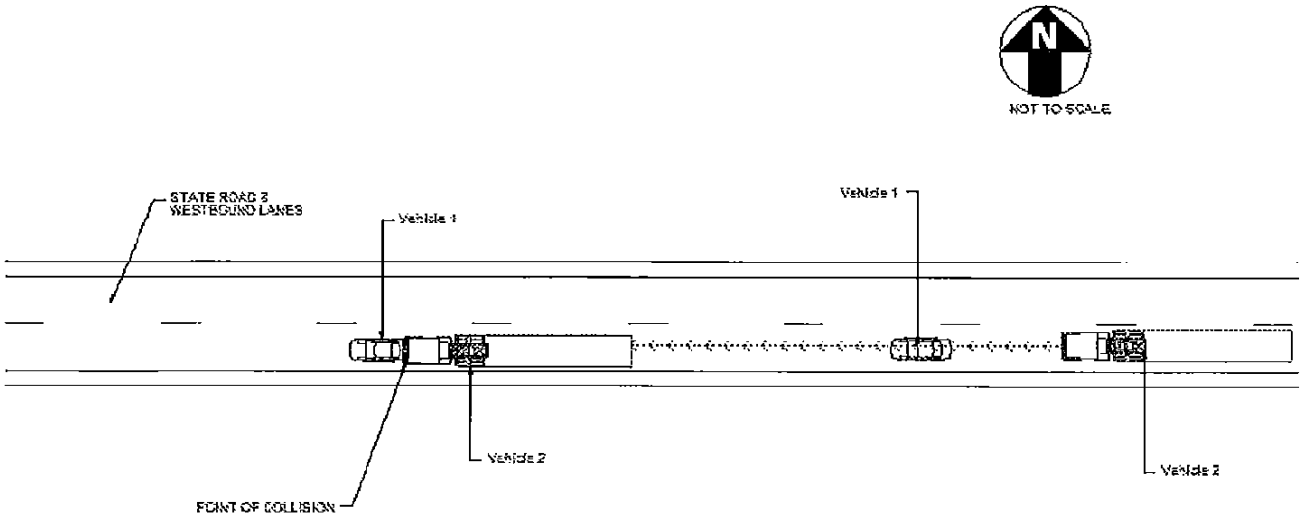
ID Number	Rank	Name	Troop / Post	Officer Agency	Phone Number	Date Created
2500	TROOPER	M.L. OGLESBY	B	FLORIDA HIGHWAY PATROL	386-758-0518	Sep 10, 2013

VEHICLE-1, VEHICLE-2 WERE TRAVELING WEST ON STATE ROAD 8 IN THE INSIDE LANE. AS V-1 TRAVELED THE DRIVER STATED THAT THE CAR STARTED SLOWING ON ITS ON, AS IF THE BRAKES WERE BEING ENGAGED. V-2 WAS CRESTING A SMALL HILL WHEN V-1 BEGAN TO SLOW. V-2 WAS UNABLE TO SLOW IN TIME AND STRUCK THE REAR OF V-1 WITH THE FRONT OF V-2. BOTH VEHICLE BECAME DISABLED UPON IMPACT IN THE INSIDE LANE.
DURING A POST CRASH INVESIGATION OF THE VEHICLE THE CAR HAD SEVERAL CLUSTER LIGHTS ON ITS INSTRUMENT PANEL INDICATING THAT THERE WERE SEVERAL PROBLEMS. ALSO WHILE BEING DRIVEN OFF THE ROADWAY IT APPEARED THAT THE REAR BRAKES WERE ENGAGED.

REPORTING OFFICER

ID/Badge #	Rank and Name	Department	Type of Department
2500	TROOPER M.L. OGLESBY	FLORIDA HIGHWAY PATROL	FHP

Date of Crash	Date of Report	Invest. Agency Report Number	HSMV Crash Report Number
03/Sep/2013 11:40 AM	03/Sep/2013 11:40 AM	FHPB13OFF026989	03652305



----User Attributes----

User Name = S[redacted]
Racf Identifier = SGUTIE0
User Identifier = SGUTIE0
Email Address = [redacted]
Web Key Type = IAD
Web Key Code =
Agency Name =
Agent Number =
Company Name =
Web Operator Identifier =

----Form Parameters----

claimDocumentComments =
claimDocumentDate = 09/18/2013
claimDocumentType = 130
claimDocumentType_SELECT = 130
claimLossState = FL
claimNumber = G57044
claimRoot = /gwc/dwp1/uploads/ClaimDocumentUpload/was/
claimType = L
claimUserReference = GRW-0046A2
fileContentType = application/pdf
fileName = Florida Highway Patrol Report.pdf
fileOutputName = 001SGUTIE0-18-41-20-130.pdfascii
fileOutputPath =
/gwc/dwp1/uploads/ClaimDocumentUpload/was/130918/G57044/SGUTIE0-18-41-20-
130/
filePath =
fileSize = 216131
insuredName = [redacted]
upload = Upload selected file

PE14-010

GM

9/19/2014

ATTACHMENT 1

Q 04

768745

GREAT WEST CASUALTY COMPANY
The Difference is ...
2030 Falling Water Road, Suite 300
Knoxville, TN 37922
800-998-9288 • Claims fax: 800-833-1851

FAX TRANSMITTAL COVER SHEET

Date:	**1/7/14**	**#.Sheets:**	**9**
TO:	**Esis/GM CLAIMS UNIT Attn: Claims Dept.**	**Fax:**	**313-665-0911**
RE:	**SUBROGATION DEMAND - $10,228.37**		
FROM:	**Hannah Reed, Subrogation Attorney, Southeastern Region**		
Our Claim:	**G57045**	**Your Claim Number:**	[redacted]
Our Insured:	**Shreiner Trucking**	**Your Insured:**	**General Motors**

VOICE TEL: 865-670-6447(direct) / 800-998-9288 FAX: 800-833-1851

Great West Casualty Company ("Great West") is the insurer of [redacted] for physical damage to a tractor involved in an accident in Lake City, Florida, on September 3, 2013, caused by the negligence of your insured driver, Tracie Durand. Enclosed please find the related police report. Please confirm whether you are accepting liability on this matter.

Enclosed please find documents confirming that Great West has made the following payments related to this matter.

SUBROGATION:

$ 9,228.37 – [redacted]
1,000.00 – INSURED'S DEDUCTIBLE

$ 10,228.37 – TOTAL SUBROGATION DEMAND

Based upon the foregoing, Great West respectfully demands $10,228.37 to be paid within ten (10) days to resolve its subrogated interest in this matter. Please issue payment to [redacted] South Sioux City, NE [redacted]

Please be advised that [redacted] and driver, [redacted] may have uninsured losses.

Please contact me with any questions or concerns. I can be reached at the above number or by e-mail at [redacted]

HARD COPY WILL FOLLOW: _____ NO HARD COPY WILL FOLLOW: XXXX

Please Use Claim Numbers In All Communications

DENVER TRUCK PAINTING, INC.
181 MUDDY CREEK CHURCH ROAD
DENVER, PA, 17517
Tel: 717-336-4941 Fax: 717-336-7422
www.denvertruckpainting.com

Estimate - Preliminary

Estimate Prepared by: Mark
Accident Date:
Date of Loss:
Arrival Date:
Type of Loss:
Policy Number:
Claim Number: [redacted]

Appraised for:

Date: 9/10/2013
Estimate#: 09102013

Insured:

Company: [redacted]
Contact:
Address:
City, State, Zip Code: Myerstown, Pa. [redacted]
Telephone, Fax: [redacted]
Notes: ICCMC 569521
USDOT 870285 [redacted]

Insurance Company:

Company: Great West Casualty Comp.
Contact: Norm Ernest
Address: 2905 North Stone Caver Drive, PO Box 4555
City, State, Zip Code: Bloomington, IN 47402-4555
Telephone, Fax: 800-437-2699 800-833-1851

Year	Make	Model	Color	Trim
2006	KENWORTH	W900 L/S/B	Red-Gray Imron Elite	

Unit Number	License Plate #	Mileage	Serial#/VIN#
4	[redacted]	932,279	146349

Sup	Seq	Labor Type	Labor Op	Description	Part Type	Part Number	Dollar Amount		Labor Units
	1	Body	Rem/Rep	Bumper, Front Chrome	Aftermarket New	MA0510210-06	$299.75	T	1.2*
	2	Body	Rem/Rep	Bumper Strut R	New	401522	$16.00	T	.2*
	3	Body	Rem/Rep	Bumper Strut L	New	401522	$16.00	T	.2*
	4	Mech	Rem/Rep	Bracket, Front Spring Mtg L	New	B11-1030MO1	$243.28	T	2.5#*
	5	Body	Rem/Ins	R&I Leaf Spring L (To Replace Front Bracket)	Exist				1.7#*
	6	Body	Rem/Ins	R&I Hood Assy	Exist				1.5
	7	Body	Rem/Rep	Shell, Grille Side R	New	RKGP008	$96.85	T	1.0*
	8	Body	Rem/Rep	Shell, Grille Side L	New	RKGP009	$96.85	T	1.0*

Sup Seq	Labor Type	Labor Op	Description	Part Type	Part Number	Dollar Amount		Labor Units
9	Body	Rem/Rep	Shield, Lower Grille	New	RKGP005	$42.27	T	*
10	Body	Rem/Rep	Shield, Lower Extension	Aftermarket New	MD1510	$76.14	T	1.0*
11	Body	Rem/Ins	R&I Transfer Grille Lights	Exist			T	1.2*
12	Body	Rem/Rep	Lower Hood Reinforcement	New	K046-1640	$210.83	T	*
13	Mech	Rem/Rep	Grilledenser	New	RKGP003	$285.65	T	1.0#*
14	Body	Rem/Rep	Moulding, Grille Center	New	K167-286	$121.59	T	.2*
15	Body	Rem/Rep	(6) Moulding, Grille	New	K167-407	$531.90	T	1.2*
16	Body	Rem/Ins	Recover Refrigerant	Exist				.3
17	Mech	Rem/Rep	Condenser, A/C	Aftermarket New	WESTSIDE	$186.25	T	1.0*
18	Body	Rem/Rep	Receiver/Drier	New	GD11350	$33.13	T	.5*
19	Body	Rem/Ins	Evacuate & Recharge System	Exist				1.4
20	Mech	Rem/Rep	Cooler, Charge Air	Aftermarket New	WESTSIDE	$618.75	T	1.0#*
21	Body	Rem/Rep	Radiator	Aftermarket New	WESTSIDE	$1,493.75	T	4.0#*
22	Body	Rem/Rep	Top Off Antifreeze (2 Gal.)	Aftermarket New	3393768	$38.12	T	*
23	Body	Rem/Rep	S/S Fender Logo Shields	Aftermarket New	MD1569	$86.74	T	1.2*
24	Body	Rem/Rep	S/S Headlight Visor L	Aftermarket New	MD1512	$35.56	T	*
25	Body	Align	Align Hood	Exist			T	1.0*
26	Body	Chk/Adj	Aim Headlamps	Exist			T	.5*
27	Body	Rem/Ins	R&I Dash As Needed	Exist			T	1.5*
28	Body	Rem/Rep	Steering Column Assy.	New	J19-1046-1002S	$3,603.34	T	3.0*
29			Shop Materials			$45.00	T	*
30			Hazardous Waste			$2.50	T	*

* - Judgement Item
\# - Labor Note Applies

Labor

Body	23.8	Hrs @	$75.00	$1,785.00
Mechanical	5.5	Hrs @	$75.00	$412.50
Labor Total				$2,197.50

Parts

Parts Subtotal	$8,132.75
Less Adjustments	
Parts Total	$8,132.75

Additional Costs and Operations

Addl. Costs/Ops Total	$47.50

Tax

Totals

Sub Total:	$10,377.75
Customer Resp.	$0.00
Net Total	**$10,377.75**

2006 KENWORTH W900 L/S/B

Sup	Seq	Labor Type	Labor Op	Description	Part Type	Part Number	Dollar Amount	Labor Units

This is a preliminary estimate. Additional changes to the estimate may be required for the actual repair.

TruckEst does not automatically include items required by many business repair partners. This application allows the author to manually enter line items such as overlap deductions.

ALL PAYEES MUST ENDORSE DRAFT AS DRAWN

INSURED: [redacted]
OWNER:
CLAIMANT:
VEHICLE: 2006 KENWORTH CONVENTION - 1XKWD49X66J[redacted]

DRAFT NO: 3856176
DATE: 09/13/13
CLAIM NO: [redacted]

PAY TO THE ORDER OF [redacted]

AMOUNT: ******9,228.37

REMARKS: ENCLOSED IS A PROOF OF LOSS WHICH WE ASK YOU TO PLEASE SIGN AND RETURN TO OUR OFFICE AS SOON AS POSSIBLE.
OVERNIGHT UPS

SEND TO: [redacted]
MYERSTOWN PA [redacted]

POLICY NO: [redacted]
AGENT: 1893
DATE OF LOSS: 09/03/13
TYPE OF LOSS: COLLISION
TRANS CODE: 210
ADJ REGION: 00
O.P.: GX99
IMG

(PLEASE DETACH BEFORE ENDORSING)

GREAT WEST CASUALTY COMPANY
1100 WEST 29TH STREET
SOUTH SIOUX CITY NE 68776

CHECK FOR: 210

CHECK NO.: 3856176

DATE: 09/13/13

AMOUNT: ******9,228.37

PAY TO THE ORDER OF [redacted]

**********9,228DOLLARS and37CENTS----------

PAYABLE FOR CASH SETTLEMENT ON ESTIMATE, LESS DEDUCT, LESS BETTERM ENT

POLICY NUMBER	CLAIM NUMBER	INSURED	DATE OF LOSS	
[redacted]			09/03/13	

U.S. BANK [redacted]

VALID ONLY WITHIN SIX MONTHS OF ISSUE

CLAIM FILE COPY
VOID
AUTHORIZED SIGNATURE

PE14-010

GM

9/19/2014

ATTACHMENT 1

Q 04

BOSCH

CDR CRASH DATA RETRIEVAL

IMPORTANT NOTICE: Robert Bosch LLC and the manufacturers whose vehicles are accessible using the CDR System urge end users to use the latest production release of the Crash Data Retrieval system software when viewing, printing or exporting any retrieved data from within the CDR program. Using the latest version of the CDR software is the best way to ensure that retrieved data has been translated using the most current information provided by the manufacturers of the vehicles supported by this product.

CDR File Information

User Entered VIN	2G1125S36E9[redacted]
User	RYAN JAHR ESIS/GM
Case Number	[redacted]
EDR Data Imaging Date	09/10/2014
Crash Date	09/03/2013
Filename	2G1125S36E9[redacted]ACM.CDRXDURARD.CDRX
Saved on	Wednesday, September 10 2014 at 15:12:03
Collected with CDR version	Crash Data Retrieval Tool 14.0.1
Reported with CDR version	Crash Data Retrieval Tool 14.0.1
EDR Device Type	Airbag Control Module
Event(s) recovered	Non-Deployment

Comments

CONNECTION: DLC.VEHICLE POWER SUPPLIED BY NAPA SELECT BATTERY BOOSTER 851250.

SIR: FLASHES ON AND STAYS ON DURING KEY POWER UP.

MILEAGE: 3244

PRESENT: NICHOLE KRAATZ GM ENGINEER, MARTIN GARCIA KIMLEY-HORN ASSOCIATES, MATT HANCOCK KIMLEY-HORN, MIKE WOODWARD RIMKUS CONSULTING GROUP. TONY DEMPS ENTERPRISE RENT A CAR.

Pre-Crash Data -5.0 to -0.5 sec (Event Record 1)

Times (sec)	Accelerator Pedal, % Full (Accelerator Pedal Position)	Service Brake (Brake Switch Circuit State)	Engine RPM (Engine Speed)	Engine Throttle, % Full (Throttle Position)	Speed, Vehicle Indicated (Vehicle Speed) (MPH [km/h])
-5.0	27	Off	1856	52	71 [114]
-4.5	25	Off	1856	39	71 [114]
-4.0	19	Off	1792	15	71 [114]
-3.5	18	Off	1792	13	70 [113]
-3.0	0	Off	1664	10	68 [109]
-2.5	0	Off	1600	10	63 [102]
-2.0	0	On	1408	8	57 [91]
-1.5	0	Off	1216	7	50 [81]
-1.0	35	Off	1024	7	43 [70]
-0.5	0	Off	832	2	37 [59]

Pre-Crash Data -2.0 to -0.5 sec (Event Record 1)

Times (sec)	Cruise Control Active	Cruise Control Resume Switch Active	Cruise Control Set Switch Active	Engine Torque (lb-ft [N-m])	Reduced Engine Power Mode Indicator
-2.0	No	No	No	-5 [-6]	Off
-1.5	No	No	No	-3 [-4]	Off
-1.0	No	No	No	3 [4]	Off
-0.5	No	No	No	2 [3]	Off

CDR File Information

User Entered VIN	2G1125S36E9[redacted]
User	RYAN JAHR ESIS/GM
Case Number	[redacted]
EDR Data Imaging Date	09/10/2014
Crash Date	09/03/2013
Filename	2G1125S36E9[redacted]ACM.CDRXDURARD.CDRX
Saved on	Wednesday, September 10 2014 at 15:12:03
Collected with CDR version	Crash Data Retrieval Tool 14.0.1
Reported with CDR version	Crash Data Retrieval Tool 14.0.1
EDR Device Type	Airbag Control Module
Event(s) recovered	Non-Deployment

GM Analysis

Pre-Crash Data -5.0 to -0.5 sec (Event Record 1)

Times (sec)	Accelerator Pedal, % Full (Accelerator Pedal Position)	Service Brake (Brake Switch Circuit State)	Engine RPM (Engine Speed)	Engine Throttle, % Full (Throttle Position	Speed, Vehicle Indicated (Vehicle Speed) (MPH)	Speed, Vehicle Indicated (Vehicle Speed) ([km/h])	GM Calculated Deceleration (g's)
-5.0	27	Off	1856	52	71	114	
-4.5	25	Off	1856	39	71	114	0.00
-4.0	19	Off	1792	15	71	114	0.00
-3.5	18	Off	1792	13	70	113	-0.06
-3.0	0	Off	1664	10	68	109	-0.23
-2.5	0	Off	1600	10	63	102	-0.40
-2.0	0	On	1408	8	57	91	-0.62
-1.5	0	Off	1216	7	50	81	-0.57
-1.0	35	Off	1024	7	43	70	-0.62
-0.5	0	Off	832	2	37	59	-0.62