



Sent by: Renea Johnson

To: jack.h.adams@gm.com
cc:

Subject: 71-1035097733 PAR Case Sent to ESIS - No Action Required

A product allegation claim has been made in your region. The customer is alleging airbag nondeployment, wheels locked up and Onstar inoperative in a collision . This case is being escalated to ESIS because insurance involvement.

██████████
2012 Chevrolet Sonic
1G1JC5SHXC4██████████
CENTURY III CHEVROLET, WEST MIFFLIN PA (BAC) 113496
Kevin Codd, Body Shop Manager

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

If you have further questions, please contact the Customer Relationship Specialist at the telephone number and extension above or contact The Business Resource Center at 1-800-231-1841 Monday through Friday between 8:00 a.m. and 5:00 p.m., Eastern Time. Please refer to the service request number above.

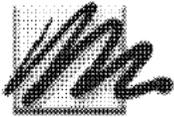
Best wishes,
Renea Soto | CRS

Aditya Birla Minacs | inspired every day
7401 E. Ben White Blvd, Bldg. F, Austin, TX 78741
Phone 866-790-5700 ext 21071 | Fax 866-660-2731 |
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Renea Johnson
Dealer Support Escalation Liaison (GM Training)
Minacs, An Aditya Birla Group Company
7401 E. Ben White Blvd., Bldg. 3
Austin, TX 78744
AIM: ReneaATX

~~Renea.Johnson@gmexpert.com~~
you have received this communication in error, please notify us immediately
by returning the original communication by reply e-mail, and permanently
delete the communication from your system. Thank you.



Thaddeus
Kinzer/Austin/GM1
05/18/2012 11:36 AM

To mick.edwards@gm.com
cc
bcc
Subject (TX) 71-1068332079 PAR Case Sent to ESIS - No Action
Required

A product allegation claim has been made in your region. The customer is alleging airbag did not deploy during a collision. This case is being escalated to ESIS because of injuries.

Customer [REDACTED]
2012 Chevrolet Sonic
1G1JB5SH2C4 [REDACTED]
Dealership: no dealer involved
Dealership Contact: n/a

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

Thaddeus Kinzer | CRS

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**BBB AUTO LINE
Customer Claim Form**

Case number: CHV1223238
Contact Date: 07/09/12
Start Date:

Please make any necessary corrections to the information below, print or verify your VIN number and lienholder/leasing company information at the bottom of this page, and complete the missing information in Section 4 on the next page (attach additional sheets as needed).

SECTION 1: CUSTOMER INFORMATION

Titled owner: [REDACTED]		
Mailing address: [REDACTED]		
City: Clawson	State: MI	Zip code: [REDACTED]
Day phone: [REDACTED]	Cell phone:	
Fax:	E-mail address: [REDACTED]	

SECTION 2: VEHICLE INFORMATION

Make: Chevrolet	Model: Sonic	Year: 2012	Current mileage: 1000
Name(s) that appears on the vehicle title: [REDACTED]			
Selling dealer/city/state: Mike Savoie, troy, MI			
Primary Servicing dealer/city/state: Hamilton Chevrolet,			
Acquired as <input checked="" type="checkbox"/> new <input type="checkbox"/> used <input type="checkbox"/> demo <input type="checkbox"/> leased		Is the vehicle in your possession? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	
Purchase/lease date: 04/12/12		Mileage at purchase/lease:	
First repair attempt date: 07/06/12		First repair attempt mileage: 0	
How often is the vehicle used for business purposes (percentage): 0 %		Number of vehicles owned or leased by the business: <input checked="" type="checkbox"/> Automatic <input type="checkbox"/> Manual	
Has the vehicle been in an accident/had body damage? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no			Date of accident:
Description of damage:			

SECTION 3: DESIRED OUTCOME (Describe what you want done to resolve your concern)

I want Chevy to take the car back. I have severe anxiety and health issues to drive. The car is at a dealership for @ 9000 in repairs

Please complete the missing information in the box below and on page 2.

VEHICLE IDENTIFICATION NUMBER _____
Lienholder/Leasing Company _____ Phone Number _____
Account Number _____

SECTION 4: VEHICLE PROBLEMS (List primary problem first)

Problem	Servicing dealer(s)	# of repair attempts	List the date, mileage, and days out of service for each repair attempt	Does the problem exist now?
Example:				
A/C won't cool properly	Any Dealer, Inc.	2	4/23/06 3,500 miles 5 days 6/10/07 12,700 miles 1 day	yes
air bags did not deploy				yes
hood flew into the air during front end accident				yes

Total days out of service for all problems: _____

Signature of Titled Owner(s) _____ Date _____

Printed Name of Titled Owner(s) _____

I am submitting this dispute for resolution in the BBB AUTO LINE program, and I agree to arbitrate the dispute under the BBB AUTO LINE Arbitration Rules.

Please mail or fax this completed form with copies of all available repair orders, your vehicle registration, your sales agreement or lease agreement, and any other relevant documents (e.g., written correspondence with the manufacturer, etc.) to:

**BBB AUTO LINE
3033 Wilson Blvd., Suite 600
Arlington VA, 22201
Fax: 703-247-9700**



**Kellin
Babbs/Austin/GM1**

07/17/2012 01:36 PM

To jeffery.b.sullivan@gm.com

cc

bcc

Subject 71 1087592801 PAR Case Sent to ESIS No Action
Required

A product allegation claim has been made in your region. The customer is alleging that they swerved from hitting a deer and collided into a stone mailbox. This case is being escalated to ESIS because of injury.

[REDACTED]
2012 Chevrolet Cruze

1G1PF5SC7C7 [REDACTED]

Dave Kirk Chevrolet-Oldsmobile-Cadillac-Pontiac-Buick-GMC Trucks LP Crossville TN
112528

(931) 484-5151

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

Respectfully,
Kellin Babbs I CRS

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7401 E. Ben White Blvd, Bldg. F, Austin, TX 78741

Phone: 866-790-5600 ext. 31117 I Fax: 866-775-9478 I www.minacs.adityabirla.com

Follow us on Twitter



Tonie Mercado/Austin/GM1
07/31/2012 02:51 PM

To paul.byrne@gm.com

cc

bcc

Subject 71-1091797054 PAR Case Sent to ESIS No Action Required

Hi,

A product allegation claim has been made in your region. The customer is alleging air bags didn't deploy during collision with an embankment. This case is being escalated to ESIS because the customer was injured and sought out medical attention.



2012 Chevrolet Cruze

1G1PG5SC1C7 

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

Best wishes,
Tonie Mercado | NHTSA Liaison

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Training Support
<trainingsupport@trainingsu
pportadmin.com>

09/06/2012 12:46 PM

Please respond to
trainingsupport@trainingsuppo
rtadmin.com

To faith_jackson@gmexpert.com

cc

bcc

Subject Product Allegation Request has been Approved

Faith Jackson,

Your request for PAR File Number 71-1100088780 has been approved, and is pending investigation.

Thank you,
Raytheon Professional Services

Ref:MSG0338363

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	1G1PG5SC4C7 [REDACTED]
User	[REDACTED]
Case Number	71-1100088780
EDR Data Imaging Date	09/07/2012
Crash Date	08/20/2012 Pick up Date
Filename	1G1PG5SC4C7 [REDACTED].ACM.CDRX
Saved on	Friday, September 7 2012 at 10:53:20
Collected with CDR version	Crash Data Retrieval Tool 5.0.2
Reported with CDR version	Crash Data Retrieval Tool 5.0.2
EDR Device Type	Airbag Control Module
Event(s) recovered	Non-Deployment

Comments

SIR Lamp goes off after function testing
ALDL Download
No devices deployed
Auto PPS
8,057 miles
CoParts Auto Salvage, Rankin Road, Houston, Texas
Martin Houle

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. Velocity Change and Acceleration data are displayed in SAE sign convention.

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. Vehicle Recorded Acceleration and Roll Rate data are displayed in SAE sign convention.

-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 at a 10 millisecond sample rate and is displayed in seconds for a maximum time of 655.33 seconds. The counter measures 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.
- 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 deployment times for subsequent deployment type events, during the same ignition cycle, will not be recorded. Also, forced timer loops, such as Pretensioner Deployment Loop #2 and Knee Deployment Loop, will not be shown as being commanded to deploy.
- The effective operating range of the longitudinal and lateral accelerometers is ± 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.

01042_SDM10P-autoliv_r007

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	0
Vehicle Identification Number (VIN)	1G1PG5SC4C [REDACTED]
Ignition Cycle, Download (Ignition Cycles at Investigation)	1396
End Model Part Number	00CF4358
System Type	Autoliv
Software Module Identifier 1	00CF4A09
Software Module Identifier 2	05B7AAFA
Software Module Identifier 3	00CF2D7D
Manufacturing Traceability Data, Component Identifier	AS
Manufacturing Traceability Data, Part Number/Broadcast Code	3192
Manufacturing Traceability Data, Supplier Code	E
Manufacturing Traceability Data, Traceability Number	050333003
ESS # 1 Traceability Data, Component Identifier	AU
ESS # 1 Traceability Data, Part Number/Broadcast Code	2577
ESS # 1 Traceability Data, Supplier Code	E
ESS # 1 Traceability Data, Traceability Number	0153F95FA
ESS # 2 Traceability Data, Component Identifier	AT
ESS # 2 Traceability Data, Part Number/Broadcast Code	2577
ESS # 2 Traceability Data, Supplier Code	E
ESS # 2 Traceability Data, Traceability Number	01530E6AB
ESS # 3 Traceability Data, Component Identifier	AH
ESS # 3 Traceability Data, Part Number/Broadcast Code	2577
ESS # 3 Traceability Data, Supplier Code	E
ESS # 3 Traceability Data, Traceability Number	015383E3C
ESS # 4 Traceability Data, Component Identifier	AJ
ESS # 4 Traceability Data, Part Number/Broadcast Code	2577
ESS # 4 Traceability Data, Supplier Code	E
ESS # 4 Traceability Data, Traceability Number	01539D61E
ESS # 5 Traceability Data, Component Identifier	DA
ESS # 5 Traceability Data, Part Number/Broadcast Code	4936
ESS # 5 Traceability Data, Supplier Code	E
ESS # 5 Traceability Data, Traceability Number	0153A5CC6
ESS # 6 Traceability Data, Component Identifier	DB
ESS # 6 Traceability Data, Part Number/Broadcast Code	4936
ESS # 6 Traceability Data, Supplier Code	E
ESS # 6 Traceability Data, Traceability Number	0153AB3E8
ESS # 7 Traceability Data, Component Identifier	00
ESS # 7 Traceability Data, Part Number/Broadcast Code	0000
ESS # 7 Traceability Data, Supplier Code	E
ESS # 7 Traceability Data, Traceability Number	000000000
ESS # 8 Traceability Data, Component Identifier	??
ESS # 8 Traceability Data, Part Number/Broadcast Code	????
ESS # 8 Traceability Data, Supplier Code	?
ESS # 8 Traceability Data, Traceability Number	?????????

System Status at Event (Event Record 1)

Type of event (deployment/non-deployment)	Non-Deployment
Data Recording Complete - Deployment Status Data	Yes
Complete file recorded (Event Recording Complete)	Yes
Crash Record Locked	No
Data Recording Complete - SDM Recorded Vehicle Velocity Change Data	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)	1394
Algorithm Active: Frontal	Yes
Algorithm Active: Side	Yes
Algorithm Active: Rollover	Yes
Algorithm Active: Rear	No
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	No
Event Severity Status: Rollover	No
Safety Belt Status, Driver (Driver Belt Switch Circuit Status)	Not 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
Driver Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available
Center Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available
Passenger Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available
Driver Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Center Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Passenger Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Seat Track Position Switch, Foremost, Status, Driver (Driver Seat Position Status) (If Equipped)	Data Not Available
Seat Track Position Switch, Foremost, Status, Right Front Passenger (Passenger Seat Position Status) (If Equipped)	Data Not Available
Passenger Seat Occupancy Status	Empty
Passenger Classification Status	Not Applicable
Passenger SIR Suppression Switch Circuit Status (If Equipped)	Data Not Available
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)	655330
Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	31
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]	-9 [-14]
Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM Recorded Vehicle Velocity Change)(msec)	148
Maximum Delta-V, Lateral (Maximum Lateral SDM Recorded Vehicle Velocity Change for FSR Event) MPH [km/h]	-13 [-21]
Time Maximum Delta-V, Lateral (Time From FSR Time Zero to Maximum Lateral SDM Recorded Vehicle Velocity Change)(msec)	102

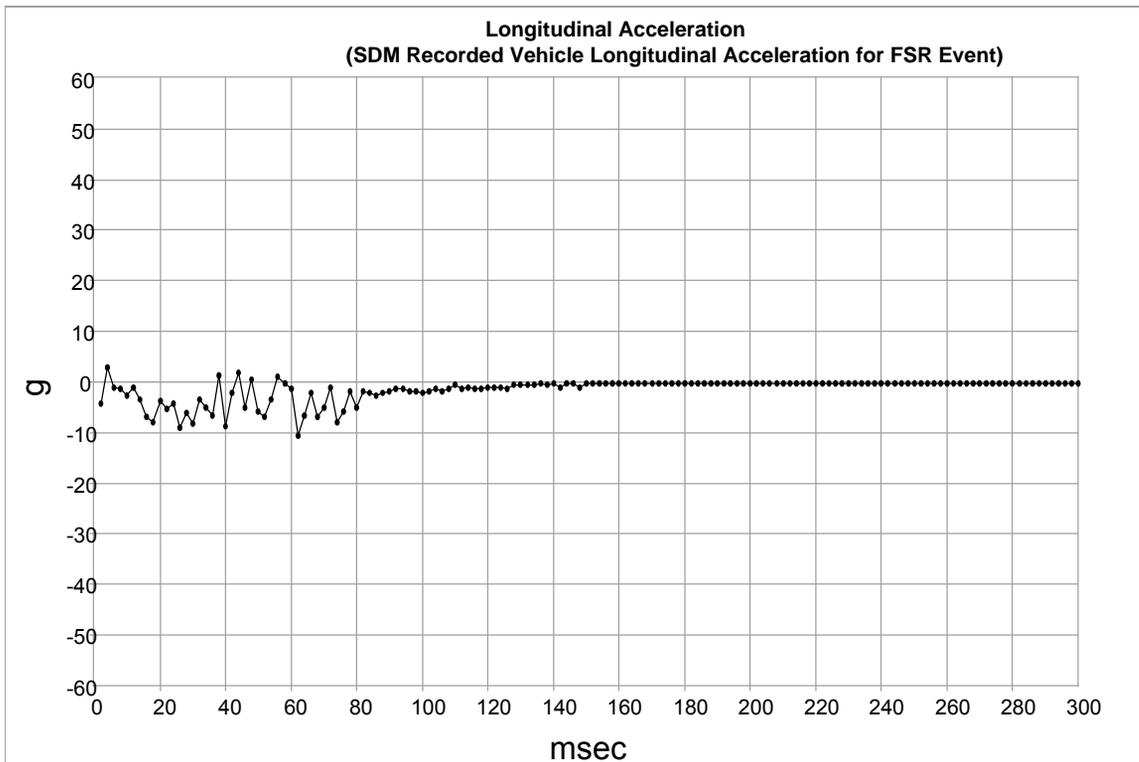
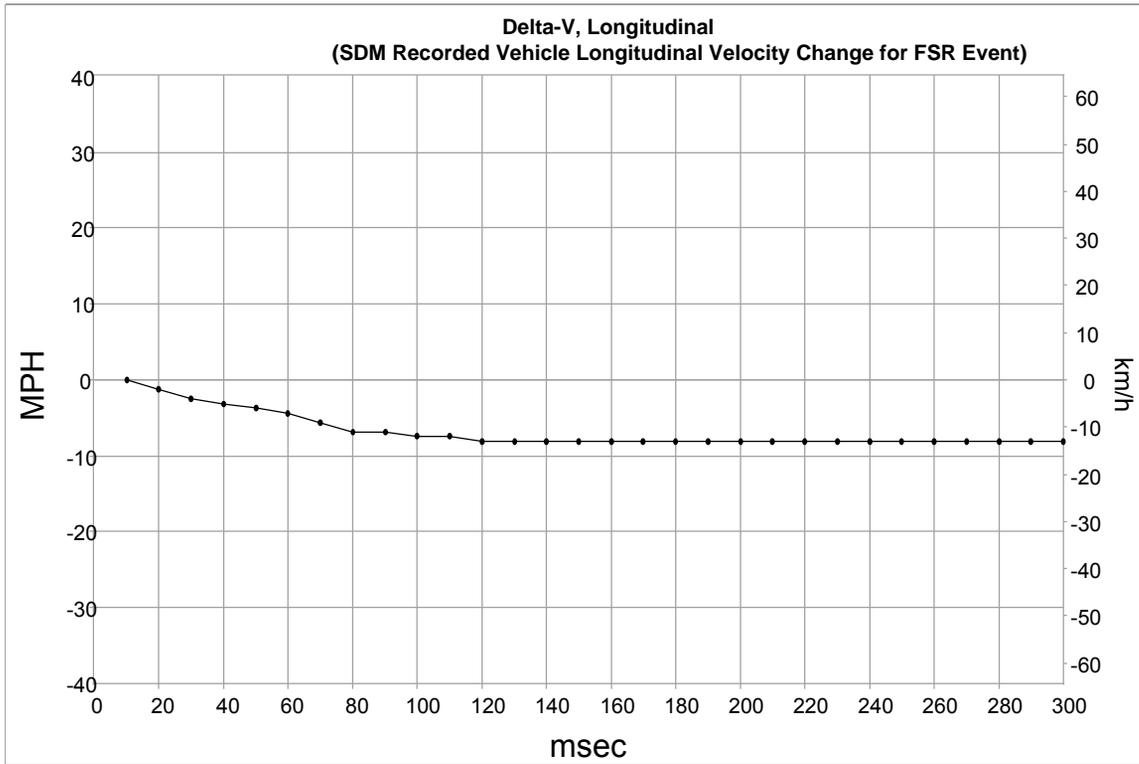
DTCs Present at Time of Event (Event Record 1)

No Diagnostic Trouble Codes

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	No
Passenger Pretensioner Deployment Loop #1 Commanded	No
Driver Pretensioner Deployment Loop #2 Commanded (If Equipped)	No
Passenger Pretensioner Deployment Loop #2 Commanded (If Equipped)	No
Driver Thorax Loop Commanded (If Equipped)	No
Passenger Thorax Loop Commanded (If Equipped)	No
Driver Row 2 Thorax Loop Commanded (If Equipped)	No
Passenger 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
Driver Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Passenger Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Driver Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Passenger 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
Driver Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No
Passenger Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	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
Driver Row 2 Head Rest Loop Commanded (If Equipped)	No
Passenger 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)	Data Not Available
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)	Data Not Available

Longitudinal Crash Pulse (Event Record 1)



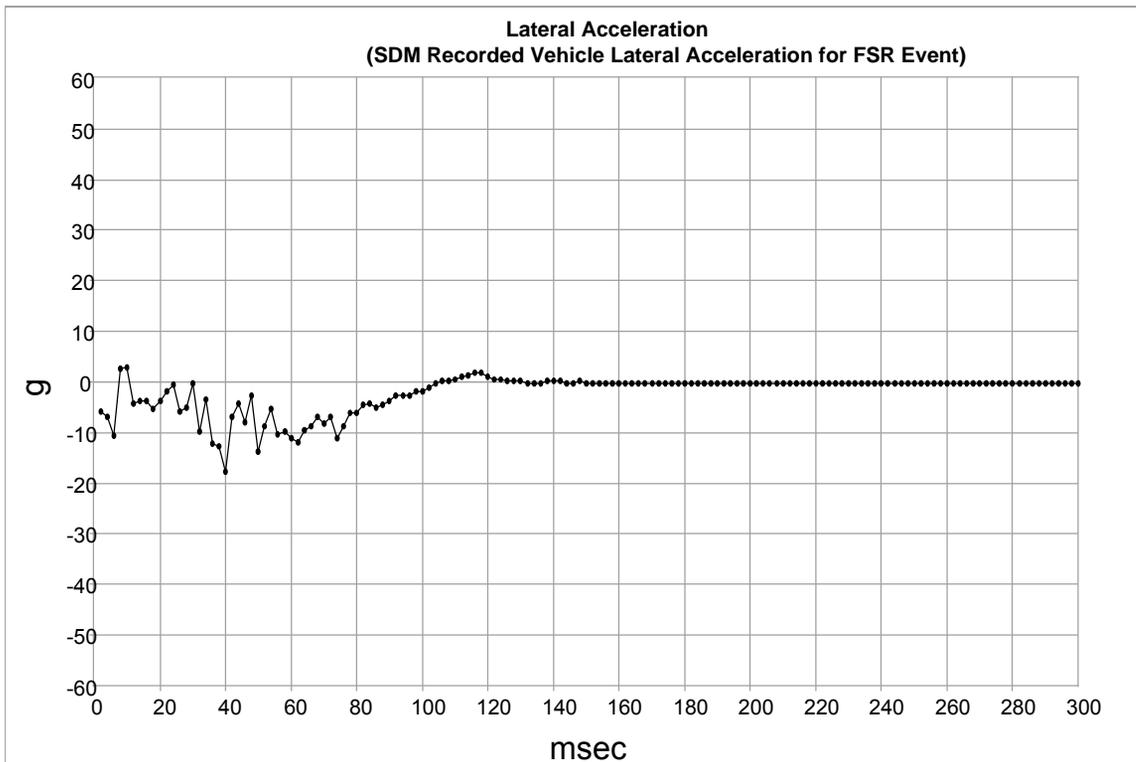
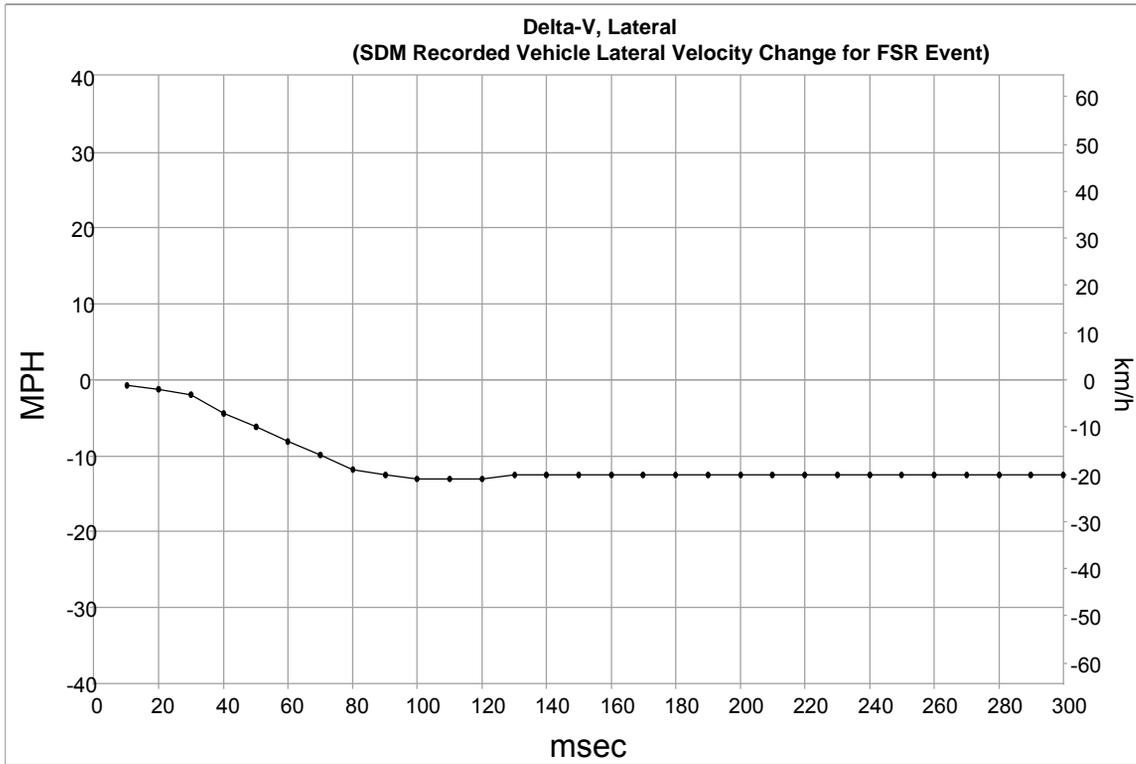
Longitudinal Crash Pulse (Event Record 1)

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	0.0	0.0
20	-1.2	-2.0
30	-2.5	-4.0
40	-3.1	-5.0
50	-3.7	-6.0
60	-4.3	-7.0
70	-5.6	-9.0
80	-6.8	-11.0
90	-6.8	-11.0
100	-7.5	-12.0
110	-7.5	-12.0
120	-8.1	-13.0
130	-8.1	-13.0
140	-8.1	-13.0
150	-8.1	-13.0
160	-8.1	-13.0
170	-8.1	-13.0
180	-8.1	-13.0
190	-8.1	-13.0
200	-8.1	-13.0
210	-8.1	-13.0
220	-8.1	-13.0
230	-8.1	-13.0
240	-8.1	-13.0
250	-8.1	-13.0
260	-8.1	-13.0
270	-8.1	-13.0
280	-8.1	-13.0
290	-8.1	-13.0
300	-8.1	-13.0

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	-4.2	102	-1.8	202	-0.2
4	3.0	104	-1.4	204	-0.2
6	-1.0	106	-1.8	206	-0.2
8	-1.4	108	-1.4	208	-0.2
10	-2.6	110	-0.6	210	-0.2
12	-1.0	112	-1.4	212	-0.2
14	-3.4	114	-1.0	214	-0.2
16	-7.0	116	-1.4	216	-0.2
18	-7.8	118	-1.4	218	-0.2
20	-3.8	120	-1.0	220	-0.2
22	-5.4	122	-1.0	222	-0.2
24	-4.2	124	-1.0	224	-0.2
26	-9.0	126	-1.4	226	-0.2
28	-6.2	128	-0.6	228	-0.2
30	-8.2	130	-0.6	230	-0.2
32	-3.4	132	-0.6	232	-0.2
34	-5.0	134	-0.6	234	-0.2
36	-6.6	136	-0.2	236	-0.2
38	1.4	138	-0.6	238	-0.2
40	-8.6	140	-0.2	240	-0.2
42	-2.2	142	-1.0	242	-0.2
44	1.8	144	-0.2	244	-0.2
46	-5.0	146	-0.2	246	-0.2
48	0.6	148	-1.0	248	-0.2
50	-5.8	150	-0.2	250	-0.2
52	-7.0	152	-0.2	252	-0.2
54	-3.4	154	-0.2	254	-0.2
56	1.0	156	-0.2	256	-0.2
58	-0.2	158	-0.2	258	-0.2
60	-1.4	160	-0.2	260	-0.2
62	-10.6	162	-0.2	262	-0.2
64	-6.6	164	-0.2	264	-0.2
66	-2.2	166	-0.2	266	-0.2
68	-7.0	168	-0.2	268	-0.2
70	-5.0	170	-0.2	270	-0.2
72	-1.0	172	-0.2	272	-0.2
74	-7.8	174	-0.2	274	-0.2
76	-5.8	176	-0.2	276	-0.2
78	-1.8	178	-0.2	278	-0.2
80	-5.0	180	-0.2	280	-0.2
82	-1.8	182	-0.2	282	-0.2
84	-2.2	184	-0.2	284	-0.2
86	-2.6	186	-0.2	286	-0.2
88	-2.2	188	-0.2	288	-0.2
90	-1.8	190	-0.2	290	-0.2
92	-1.4	192	-0.2	292	-0.2
94	-1.4	194	-0.2	294	-0.2
96	-1.8	196	-0.2	296	-0.2
98	-1.8	198	-0.2	298	-0.2
100	-2.2	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	-0.6	-1.0
20	-1.2	-2.0
30	-1.9	-3.0
40	-4.3	-7.0
50	-6.2	-10.0
60	-8.1	-13.0
70	-9.9	-16.0
80	-11.8	-19.0
90	-12.4	-20.0
100	-13.0	-21.0
110	-13.0	-21.0
120	-13.0	-21.0
130	-12.4	-20.0
140	-12.4	-20.0
150	-12.4	-20.0
160	-12.4	-20.0
170	-12.4	-20.0
180	-12.4	-20.0
190	-12.4	-20.0
200	-12.4	-20.0
210	-12.4	-20.0
220	-12.4	-20.0
230	-12.4	-20.0
240	-12.4	-20.0
250	-12.4	-20.0
260	-12.4	-20.0
270	-12.4	-20.0
280	-12.4	-20.0
290	-12.4	-20.0
300	-12.4	-20.0

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	-5.8	102	-1.0	202	-0.2
4	-7.0	104	-0.2	204	-0.2
6	-10.6	106	0.2	206	-0.2
8	2.6	108	0.2	208	-0.2
10	3.0	110	0.6	210	-0.2
12	-4.2	112	1.0	212	-0.2
14	-3.8	114	1.4	214	-0.2
16	-3.8	116	1.8	216	-0.2
18	-5.4	118	1.8	218	-0.2
20	-3.8	120	1.0	220	-0.2
22	-1.8	122	0.6	222	-0.2
24	-0.6	124	0.6	224	-0.2
26	-5.8	126	0.2	226	-0.2
28	-5.0	128	0.2	228	-0.2
30	-0.2	130	0.2	230	-0.2
32	-9.8	132	-0.2	232	-0.2
34	-3.4	134	-0.2	234	-0.2
36	-12.2	136	-0.2	236	-0.2
38	-12.6	138	0.2	238	-0.2
40	-17.8	140	0.2	240	-0.2
42	-7.0	142	0.2	242	-0.2
44	-4.2	144	-0.2	244	-0.2
46	-7.8	146	-0.2	246	-0.2
48	-2.6	148	0.2	248	-0.2
50	-13.8	150	-0.2	250	-0.2
52	-8.6	152	-0.2	252	-0.2
54	-5.4	154	-0.2	254	-0.2
56	-10.2	156	-0.2	256	-0.2
58	-9.8	158	-0.2	258	-0.2
60	-11.0	160	-0.2	260	-0.2
62	-11.8	162	-0.2	262	-0.2
64	-9.4	164	-0.2	264	-0.2
66	-8.6	166	-0.2	266	-0.2
68	-7.0	168	-0.2	268	-0.2
70	-8.2	170	-0.2	270	-0.2
72	-7.0	172	-0.2	272	-0.2
74	-11.0	174	-0.2	274	-0.2
76	-8.6	176	-0.2	276	-0.2
78	-6.2	178	-0.2	278	-0.2
80	-6.2	180	-0.2	280	-0.2
82	-4.6	182	-0.2	282	-0.2
84	-4.2	184	-0.2	284	-0.2
86	-5.0	186	-0.2	286	-0.2
88	-4.6	188	-0.2	288	-0.2
90	-3.8	190	-0.2	290	-0.2
92	-2.6	192	-0.2	292	-0.2
94	-2.6	194	-0.2	294	-0.2
96	-2.6	196	-0.2	296	-0.2
98	-1.8	198	-0.2	298	-0.2
100	-1.8	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	18	On	768	32	0 [0]
-4.5	43	Off	1216	100	1 [2]
-4.0	46	Off	1664	100	4 [6]
-3.5	47	Off	1984	100	7 [11]
-3.0	47	Off	2496	100	9 [15]
-2.5	27	Off	2816	42	12 [19]
-2.0	33	Off	2944	58	14 [22]
-1.5	33	Off	2496	100	16 [25]
-1.0	26	Off	2560	43	17 [27]
-0.5	18	Off	2752	48	19 [30]

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	49 [67]	Off
-1.5	No	No	No	93 [126]	Off
-1.0	No	No	No	67 [90]	Off
-0.5	No	No	No	58 [78]	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 05 74 00 00 00

DPID $35
78 00 00 00 00 00 00

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DID $03
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DID $05
41 48 32 35 37 37 45 30 31 35 33 38 33 45 33 43

DID $07
41 4A 32 35 37 37 45 30 31 35 33 39 44 36 31 45

DID $09
44 41 34 39 33 36 45 30 31 35 33 41 35 43 43 36

DID $0B
44 42 34 39 33 36 45 30 31 35 33 41 42 33 45 38

DID $0D
30 30 30 30 30 30 45 30 30 30 30 30 30 30 30

DID $0F
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DID $30
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DID $90
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DID $CB
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Disclaimer of Liability

The users of the CDR product and reviewers of the CDR reports and exported data shall ensure that data and information supplied is applicable to the vehicle, vehicle's system(s) and the vehicle ECU. Robert Bosch LLC and all its directors, officers, employees and members shall not be liable for damages arising out of or related to incorrect, incomplete or misinterpreted software and/or data. Robert Bosch LLC expressly excludes all liability for incidental, consequential, special or punitive damages arising from or related to the CDR data, CDR software or use thereof.



71-1100088780 GM Product Allegation Investigation Request
Al Difalco to: Al Difalco

09/06/2012 01:21 PM

PAR Information Provided:

PAR Record Number:

Number : PAR0000885

Provided Information:

PAR File Number : 71-1100088780

Customer Information:

Customer First Name : [REDACTED]

[REDACTED]

Customer City : Humble

Customer State : Texas

Customer Zip Code : [REDACTED]

[REDACTED]

Customer Work Phone :

Customer Cell Phone :

Vehicle Information:

VIN : 1G1PG5SC4C7 [REDACTED]

Vehicle Year : 2012

Vehicle Make : Chevrolet

Vehicle Model : Cruz

Vehicle Mileage : 7500

Vehicle Location Information:

Dealer/Salvage/Other : Salvage

POC Name : Front Desk

POC Phone : 281-214-7800

POC Email :

Dealer BAC :

Name of Business : Coparts Salvage Auto

Vehicle Location Address : 1655 Rankin Rd

Vehicle Location City : Houston

Vehicle Location State : Texas

Vehicle Location Zip Code : 77073

Customer Concerns:

Air Bag Deployment Concern - In a Collision : true

Air Bag Deployment Concern - No Collision : false

Accelerator/Throttle Concern : false

Brakes ABS Concern : false

Engine/Transmission/Drivetrain Concern : false

Fire/Thermal Event Concern : false

Restraint/SIR/Seats/Seatbelt Concern : false

Steering/Suspension/Tire/Wheels Concern : false

Water/Moisture/Odor Concern : false

Additional Information Concern : driving out of a parking lot of a store; customer was not sure of speed but guesstimated to be between 15-20mph; going across intermediate road to travel South, she recalled she was blindsided by the tower (pillar) on passenger side what the windshield was held by, the post blinded her view from seeing car, impact happened, almost head on, just spun her around.

CSR Information:

Requestor Name : Faith Jackson

Requestor Email : faith_jackson@gmexpert.com

Requestor Phone : (866) 790-5600 Ext 31243

Requestor Fax : 866-852-1526

Ref:MSG0338282



kevin.p.phillips@gm.com
09/18/2012 01:48 PM

To faith_jackson@gmexpert.com
cc jason.b.ralph@gm.com
bcc
Subject Re: Subject: 71-1100088780 PAR Recommended <Denial>
BRM Approval Required

Agreed, Denial.

From: faith_jackson@gmexpert.com
To: kevin.p.phillips@gm.com
Cc: jason.b.ralph@gm.com
Date: 09/18/2012 12:44 PM
Subject: Subject: 71-1100088780 PAR Recommended <Denial> BRM Approval Required

A recent product allegation claim was made in your region. The customer claims they were involved in a collision and the airbag did not deploy as the customer thinks it should have.

[REDACTED]

2012 Chevrolet Cruze

1G1PG5SC4C7 [REDACTED]

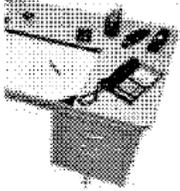
PAR is recommending <denial> to resolve the customer's claim. Please respond with your <denial>. Once we receive it, the decision will be relayed to the customer and the involved dealership.

Best wishes,
Faith Jackson | CRS

Aditya Birla Minacs | inspired every day
7401 E. Ben White Blvd, Bldg. E, Austin, TX 78741
Phone 866-790-5600 x31243 | Fax 866-852-1526 | www.minacs.adityabirla.com

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Faith Jackson/Austin/GM1

09/18/2012 01:43 PM

To kevin.p.phillips@gm.com

cc jason.b.ralph@gm.com

bcc

Subject Subject: 71-1100088780 PAR Recommended <Denial>
BRM Approval Required

A recent product allegation claim was made in your region. The customer claims they were involved in a collision and the airbag did not deploy as the customer thinks it should have.



2012 Chevrolet Cruze

1G1PG5SC4C7

PAR is recommending <denial> to resolve the customer's claim. Please respond with your <denial>. Once we receive it, the decision will be relayed to the customer and the involved dealership.

Best wishes,
Faith Jackson | CRS

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7401 E. Ben White Blvd, Bldg. F, Austin, TX 78741
Phone 866-790-5600 x31243 | Fax 866-852-1526 | www.minacs.adityabirla.com

Session Inactivity

Martin HouleSeptember 6, 2012[Update My Profile](#)[Logout](#)

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

INTERFACE WITH CUSTOMER

- [Investigate Vehicle History](#)
- [Investigate Major Assembly History](#)
- [Investigate Vehicle History](#)
- [Investigate Major Assembly History](#)

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).

Vehicle Information

VIN: 1G1PG5SC4C [REDACTED] Model: 1PX69-2012 CRUZE LT 4 DOOR SEDAN
Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes
Order Type: 70 - RETAIL - STOCK
Field Actions: [1 Open](#)

Required Field Actions

Open field actions are highlighted

Type	Number	Original Nbr	Description	Release Date	Status
Product Safety Recall	N120081	12081	OIL SPILLS OR LEAKS ONTO HOT SURFACES	06/21/2012	Open

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

For this vehicle:

- [View Vehicle Summary](#)
 - Service Contract
 - Branded Title
 - Warranty
- [View Vehicle Block](#)
- [View Vehicle Component Summary](#)
- [View Vehicle Transaction History Detail](#)
- [View Vehicle Detail Information](#)
- [Investigate Major Assembly History](#)

Type	Number	Description	Posted Date
EI	PIE0227	Engineering Information – Heated Seat(s) Inoperative, Shutting Off or Not Functioning Properly	08/29/2012
EI	PIE0219	Door Lock (Latch) Inoperative, Does Not Lock or Unlock, Inside or Outside Door Handle Inoperative	06/19/2012

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: **Inactive**
 XM Equipped: **Y** XM Radio ID: **JC4JH2M8** XM Status: **Active**
 OnStar Vehicle Diagnostics: **N** DMN Enabled: **N**

Applicable Warranties

Valid warranties are highlighted

Valid	Description	Start Date	Effective Odometer	End Date	End Odometer
	Emission Select Component Ltd Wty	12/01/2011	11 MI	12/01/2019	80,011 MI
	Bumper to Bumper Limited Warranty	12/01/2011	11 MI	12/01/2014	36,011 MI
	Corrosion Limited Warranty	12/01/2011	11 MI	12/01/2017	100,011 MI
	Powertrain Limited Warranty	12/01/2011	11 MI	12/01/2016	100,011 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
03/17/2012	188033	ZREG---Regular Vehicle Transaction		E0432 - Continental/General Tire Replacement	4,319 MI
11/12/2011	A15724	ZPDI---Pre-Delivery Inspection		Z7000 - Pre-Delivery Inspection - Base Time	1 MI

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Global Main > Interface With Customer > View Vehicle Build		

Warranty Management:

INTERFACE WITH CUSTOMER

- Investigate Vehicle History
- Investigate Major Assembly History
- Investigate Vehicle History
- Investigate Major Assembly History

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).

Vehicle Information

VIN: 1G1PG5SC4C7 [REDACTED] Model: 1PX69-2012 CRUZE LT 4 DOOR SEDAN
 Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes
 Order Type: 70 - RETAIL - STOCK
 Field Actions: [1. Open](#)

Vehicle Build

Model: 1PX69-2012 CRUZE LT 4 DOOR SEDAN Order Number: PVST8N
 Gross Vehicle Weight: 1,892 Build Date: 11/10/2011
 Build Plant: 7

For this vehicle:

- [View Vehicle S...](#)
 - Service Contract
 - Branded
 - Warranty
- [View Vehicle B...](#)
- [View Vehicle Component Sur...](#)
- [View Vehicle Transaction His...](#)
- [View Vehicle Detail](#)
- [View Vehicle D...](#)
- [View Vehicle Information](#)
- [Investigate Major Assembly Histo...](#)

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.

01A - TRIM COLOR SEAT	1CN - TRIM COLOR DOOR PANEL
1SZ - DISCOUNT OPTION PACKAGE	2LT - 2LT PACKAGE
4AA - INTERIOR TRIM	A51 - FRONT BUCKET SEATS
A64 - SEAT RR SPLIT, FOLDING, 40/60	A69 - RSTRNT ST-BELT TNSNR, FRT, VAR2
ACC - JET BLACK	ADS - PWR SEAT ADJ DRIVER 6 WAY
AED - POWER WINDOW, PASS EXPRESS DOWN	AEQ - POWER WINDOW,RRDRS EXPRESS DOWN
AG6 - SEAT ADJUSTER, PASSENGER, 6 WAY MANUAL	AHN - RESTRAINT PROVISIONS LATCH
AJC - RSTRNT HEAD, FR SEAT,UP/DN ADJ	AKK - WINDSHIELD STYLE ACOUSTIC PVB
AKP - WINDOW TYPE SOLAR ABSORBING WINDSHIELD TYPE TINTED	AKX - WINDOW TYPE SOLAR ABSORBING
ATH - EZ KEY PASSIVE ENTRY SYSTEM	AU3 - LOCK CONTROL SIDE DR, ELEC
AWO - RSTRNT SYS RR STBLT,RR,3PNT CTR	AXG - WINDOW PWR OPER-XPRSS DR UP/DN
AXJ - PASSENGER CAR	AYF - AIRBAGS, DRIVER & FRONT PASSENGER FRONTAL KNEE SIDE IMPACT & HEAD CURTAIN; REAR OUTBOARD

B34 - FLOOR MATS	PASSENGERS SIDE IMPACT & HEAD CURTAIN
BAH - EQP SECURITY SYS,IMMOB,STEP TWO	B35 - FLOOR MATS, REAR
BTM - KEYLESS START	BS1 - ACOUSTIC INSULATION PKG
BVG - BODY KIT, SPORT	BTV - REMOTE VEHICLE START
C67 - AIR CONDITIONING	C49 - DEFOGGER RR WINDOW, ELECTRIC
C95 - LAMP INTR,ROOF,CRTSY & 2 RDNG	C91 - LAMP INTR, ROOF, COURTESY
D31 - MIRROR, MANUAL INSIDE RR VIEW	CF5 - POWER SUNROOF
DA1 - ARM REST RR SEAT, STORAGE	D7A - HANDLE O/S DOOR BODY COLOR, CHROME STRIP
DLV - VISORS, DRIVER/ FRT PASSENGER W/ VANITY MIRRORS	DBU - CNSLE FRT CMPT,FLR,ARM RST SLDN
DVR - INSTRUMENT CLUSTER	DP6 - MIRROR PROV HOUSING PAINTED
E17 - BUMPER 2.5 MPH	DWY - OUTSIDE MIRRORS, POWER ADJUSTABLE
EA1 - POCKET FRONT SEAT BACK, LH	E3E - HANDLE O/S, L/GATE, R/CMPT,CHRM
EBF - TRIM SEAT LEATHER	EA2 - POCKET FRONT SEAT BACK, RH
FCT - TRIM DOOR FABRIC	EF7 - COUNTRY CODE, U.S.A. AMERICA (USA)
FHO - VEHICLE FUEL GASOLINE E10	FE9 - 50-STATE EMISSIONS
FXH - AXLE, 3.53 FINAL DRIVE RATIO	FX3 - STABILITRAK - STABILITY CONTROL SYSTEM W/ TRACTION CONTROL
GNA - CHASSIS EQUIP FRONT STRUT ASM	GBE - CRYSTAL RED METALLIC TINTCOAT
J67 - BRAKES, 4 WHEEL DISC	GNG - SUSPENSION, REAR ENHANCED
K09 - ALTERNATOR, 120 AMPS	JJ2 - BRAKE LINING BRAKE NOISE & DUST PERFORMANCE
KA1 - DRIVER & FRONT PASSENGER HEATED SEATS	K34 - CRUISE CONTROL
KCL - HEATER DUCT	KC7 - RECEPTACLE ELECTRICAL, RR SEAT
KTA - USB AUDIO INTERFACE	KRD - FUEL RATING OCTANE NO. 91
LHD - LEFT HAND DRIVE	KTF - PRIMARY KEY
LUJ - ENGINE, 1.4L ECOTEC VVT DOHC 4 CYL TURBO	LOD - PLANT CODE LORDSTOWN, OH, USA
MDC - MOLDING B/S UPPER BRIGHT	MAH - NORTH AMERICAN MKT
MM1 - MERCHANDISED TRANS AUTO EQUIP	MH8 - TRANSMISSION, 6 SPD AUTOMATIC INCLUDES: * REMOTE VEHICLE START
N37 - STEER COLUMN TILT, TELESCOPING	N34 - LEATHER WRAP STEERING WHEEL
NT7 - EMISSION SYSTEM FEDERAL,TIER 2	NJ1 - STEER PWR, NON-VAR RATIO, ELECT
QYF - TIRES, ALL SEASON BLACKWALL	PDZ - RS PACKAGE: * BODY KIT, SPORT * INSTRUMENT CLUSTER * FRONT FOG LAMPS * REAR SPOILER
RBU - WHEELS, 17" ALLOY	R9N - CONTROL-SALES ITEM NO. 89
SLM - SALES PROCESSING STOCK ORDERS	RU5 - TIRE, COMPACT SPARE & WHEEL (REPLACES TIRE SEALANT AND INFLATOR KIT)
T3W - LAMP SYSTEM DAYTIME RUNNING, REDUCED INTENSITY LOW BEAM	T3U - FRONT FOG LAMPS
T4A - HEADLAMPS HALOGEN	T43 - REAR SPOILER
T83 - HEADLAMPS CONTROL AUTO ON-OFF	T74 - HEADLAMPS CONTROL AUTO, DELAY
TPV - GRILLE RDTR, BLACK,W/CHROME	TM7 - BATTERY, RUNDOWN PROTECTION
	TS6 - LAMP STOP, HIGH LEVEL

BAR

TTX - RADIO EQUIP AUX CONN (LINE IN)	TU2 - LAMP MARKER, SIDE
U07 - HORN FANFARE	U25 - LAMP INTR, RR COMPT, COURTESY
U2K - XM RADIO - SERVICE SUBSCRIPTION SOLD SEPARATELY BY SIRIUS/XM AFTER 3 MONTHS	U91 - ANTENNA SHORT, ROOF, RADIO
UAG - INFOTAINMENT DISPLAY GRAPHIC INFO DISPLAY (GID), VAR 1	UD0 - SENSOR INDICATOR INFLATABLE RESTRAINT, FRT RH/CHILD PRESENCE DETECTOR
UDC - DISPLAY INSTRUMENT DRIVER INFO ENHANCED (ONE COLOR GRAPHIC)	UE1 - 6 MTHS ONSTAR DIRECTIONS & CONNECTIONS WITH AUTOMATIC CRASH RESPONSE AND TURN-BY- TURN NAVIGATION (ASK DEALER ABOUT GEOGRAPHIC COVERAGE)
UH0 - INDICATOR SEAT BELT WARNING, LH	UH1 - INDICATOR SEAT BELT WARNING, RH
UJ2 - INDICATOR ENGINE OIL LIFE	UJM - TIRE PRESSURE MONITOR
UMN - SPEEDOMETER INST, MILES & KILO, MILES ODOMETER	UPF - BLUETOOTH FOR PHONE
UQA - AUDIO SYSTEM- PREMIUM	UTJ - THEFT DETERRENT ELECTRICAL, UNAUTHORIZED ENTRY
UYE - AM/FM STEREO, CD PLAYER	V48 - COOLANT ENG MAXIMUM PROTECTION
V8D - VEHICLE STATEMENT US	VHY - PROTECTOR BODY SHEET METAL, HIGH CORROSION PREVENTIVE
VK3 - FRONT LICENSE PLATE BRACKET	VRG - VALUE ADDED ASM COCKPIT
VRH - VALUE ADDED ASM STEERING COLUMN	VRK - VALUE ADDED ASM ROOF TRIM
VRL - VALUE ADDED ASM FRNT HORIZONTAL SUSPENSION	VRM - VALUE ADDED ASM FRNT VERTICAL SUSPENSION
VRN - VALUE ADDED ASM REAR SUSPENSION	VRR - VALUE ADDED ASM TIRES & WHEELS
VWC - PANEL CTR INSTRUMENT	VY7 - LEATHER TRIMMED SHIFT LEVER
W1Y - STEERING WHEEL CONTROLS	WGA - COLLECTION RDO EQUIP RECEIVING UNIT, RADIO
XJ2 - SPORT TUNED SUSPENSION	XL7 - FREQ RATING 315 MHZ, LONG DIST
Y67 - DISPLAY REMINDER PACKAGE	Z54 - MODEL CONVERSION LT
ZAD - TIRE SPARE T115/70R16 SL 92M BW	

Added Option Codes

Vehicle has no current record of SAIO codes.

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Global Warranty Management:	Main > Interface With Customer > View Vehicle Component Summary	
INTERFACE WITH CUSTOMER		

→ [Investigate Vehicle History](#)

- [Investigate Major Assembly History](#)
- [Investigate Vehicle History](#)
- [Investigate Major Assembly History](#)

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.

Vehicle Information

VIN: 1G1PG5SC4C7 [REDACTED] Model: 1PX69-2012 CRUZE LT 4 DOOR SEDAN
 Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes
 Order Type: 70 - RETAIL - STOCK
 Field Actions: [1 Open](#)

Vehicle Component

Component Code: 38-HVAC CONTROLLER Traceability: 41236HAJX
 Source Plant: 8- Part / Number Broadcast: 3315
 Date Scanned: 11/10/2011 Time Scanned: 02:18:00 Scan Station: 04

Component Code: 50-INSTRUMENT CLUSTER Traceability: 112950602
 Source Plant: A- Part / Number Broadcast: ACSZ
 Date Scanned: 11/10/2011 Time Scanned: 02:18:00 Scan Station: 04

Component Code: 61-TRANSMISSION Traceability: 1298B1055
 Source Plant: Y-HYDRAMATIC TOLEDO, OHIO Part / Number Broadcast: 2JFW
 Date Scanned: 11/09/2011 Time Scanned: 20:51:00 Scan Station: 04

Component Code: 86-ELECTRONIC CONTROL MODULE (ECM) Traceability: 01308FTNV
 Source Plant: K-DELCO ELECTRONICS KOKOMO,IN Part / Number Broadcast: AA4R
 Date Scanned: 11/10/2011 Time Scanned: 02:18:00 Scan Station: 04

Component Code: 87-BODY CONTROL MODULE Traceability: Z129803A9
 Source Plant: 4- Part / Number Broadcast: 3451
 Date Scanned: 11/10/2011 Time Scanned: 02:18:00 Scan Station: 04

Component Code: 89-RADIO/RADIO AMPLIFIER Traceability: 000276175
 Source Plant: P- Part / Number Broadcast: 0782
 Date Scanned: 11/10/2011 Time Scanned: 02:18:00 Scan Station: 04

For this vehicle:

- [View Vehicle S...](#)
- Service Contract
- Branded
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- [View Vehicle B...](#)
- [View Vehicle Component Sum...](#)
- [View Vehicle Transaction His...](#)
- [View Vehicle Detail](#)
- [View Vehicle D...](#)
- [View Vehicle Information](#)
- [Investigate Major Assembly Histo...](#)

Component Code: 92-BRAKE PRESSURE MODULATOR VALVE ASSEMBLY
Source Plant: T-TEVIS FRANKFORT, GERMANY
Date Scanned: 11/10/2011
Traceability: 212590N6
Part / Number Broadcast: 0786
Time Scanned: 02:18:00 Scan Station: 04

Component Code: AB-IR-MODULE ASM-INFLATOR
Source Plant: 9-
Date Scanned: 11/09/2011
Traceability: N11306C25
Part / Number Broadcast: 4734
Time Scanned: 22:04:00 Scan Station: 04

Component Code: AH-IR-SENSOR ASM-LEFT
Source Plant: E-METHODE ELECTRONICS CARTHAGE IL.
Date Scanned: 11/10/2011
Traceability: 015383E3C
Part / Number Broadcast: 2577
Time Scanned: 02:18:00 Scan Station: 04

Component Code: AJ-IR-SENSOR ASM-RIGHT
Source Plant: E-METHODE ELECTRONICS CARTHAGE IL.
Date Scanned: 11/10/2011
Traceability: 01539D61E
Part / Number Broadcast: 2577
Time Scanned: 02:18:00 Scan Station: 04

Component Code: AS-SENSING DIAGNOSTIC MODULE
Source Plant: E-METHODE ELECTRONICS CARTHAGE IL.
Date Scanned: 11/10/2011
Traceability: 050333003
Part / Number Broadcast: 3192
Time Scanned: 02:18:00 Scan Station: 04

Component Code: AT-RIGHT SIDE IMPACT SENSING MODULE
Source Plant: E-METHODE ELECTRONICS CARTHAGE IL.
Date Scanned: 11/10/2011
Traceability: 01530E6AB
Part / Number Broadcast: 2577
Time Scanned: 02:18:00 Scan Station: 04

Component Code: AU-LEFT SIDE IMPACT SENSING MODULE
Source Plant: E-METHODE ELECTRONICS CARTHAGE IL.
Date Scanned: 11/10/2011
Traceability: 0153F95FA
Part / Number Broadcast: 2577
Time Scanned: 02:18:00 Scan Station: 04

Component Code: BH-LH REAR SIDE IMPACT AIR BAGS
Source Plant: S-TAKATA
Date Scanned: 11/09/2011
Traceability: B1B291AAR
Part / Number Broadcast: 5463
Time Scanned: 15:50:00 Scan Station: 04

Component Code: BI-RH - REAR SIDE-IMPACT AIR BAGS
Source Plant: S-
Date Scanned: 11/09/2011
Traceability: B1B289BNE
Part / Number Broadcast: 5464
Time Scanned: 15:50:00
Scan Station: 04

Component Code: BL-ELECTRIC POWER STEERING CONTROLLER
Source Plant: 3-
Date Scanned: 11/10/2011
Traceability: M00336477
Part / Number Broadcast: 0555
Time Scanned: 02:18:00
Scan Station: 04

Component Code: BR-SENSOR ASSY - (PSIR) PRESENCE DETECTOR
Source Plant: R-
Date Scanned: 11/10/2011
Traceability: 292100Z12
Part / Number Broadcast: 6626
Time Scanned: 02:18:00
Scan Station: 04

Component Code: BV-COMMUNICATIONS INTERFACE MODULE
Source Plant: L-
Date Scanned: 11/10/2011
Traceability: 112641530
Part / Number Broadcast: 6325
Time Scanned: 02:18:00
Scan Station: 04

Component Code: CB-SEQ NUM (FLEX) BODY ASM
Source Plant: -
Date Scanned: 11/07/2011
Traceability: 1281074
Part / Number Broadcast: 1ZZ
Time Scanned: 10:31:00
Scan Station:

Component Code: CP-SEQ NUM (FLEX) GEN ASM
Source Plant: -
Date Scanned: 11/09/2011
Traceability: 1107906
Part / Number Broadcast: 1PW
Time Scanned: 07:51:00
Scan Station:

Component Code: DA----
Source Plant: E-
Date Scanned: 11/10/2011
Traceability: 0153A5CC6
Part / Number Broadcast: 4936
Time Scanned: 02:18:00
Scan Station: 04

Component Code: DB----
Source Plant: E-
Date Scanned: 11/10/2011
Traceability: 0153AB3E8
Part / Number Broadcast: 4936
Time Scanned: 02:18:00
Scan Station: 04

Component Code: DF----
Source Plant: S-
Date Scanned: 11/09/2011
Traceability: I1B2480P8
Part / Number Broadcast: 1629
Time Scanned: 18:40:00
Scan Station: 04

Component Code: DG----	Traceability: G2B2990WQ	
Source Plant: S-	Part / Number Broadcast: 1630	
Date Scanned: 11/09/2011	Time Scanned: 18:41:00	Scan Station: 04
Component Code: DU----	Traceability: A21310F37	
Source Plant: D-	Part / Number Broadcast: 8667	
Date Scanned: 11/09/2011	Time Scanned: 18:03:00	Scan Station: 04
Component Code: DV----	Traceability: B1245A4YA	
Source Plant: 7-	Part / Number Broadcast: 4425	
Date Scanned: 11/10/2011	Time Scanned: 02:18:00	Scan Station: 04
Component Code: ER-	Traceability: C12201072	
Source Plant: 8-	Part / Number Broadcast: 5063	
Date Scanned: 11/10/2011	Time Scanned: 02:18:00	Scan Station: 04
Component Code: GA----	Traceability: B13052766	
Source Plant: D-	Part / Number Broadcast: 7260	
Date Scanned: 11/10/2011	Time Scanned: 02:18:00	Scan Station: 04
Component Code: LL-	Traceability: B2125307D	
Source Plant: C-	Part / Number Broadcast: 6545	
Date Scanned: 11/10/2011	Time Scanned: 02:18:00	Scan Station: 04
Component Code: LR-	Traceability: 311297Y28	
Source Plant: 2-	Part / Number Broadcast: 5612	
Date Scanned: 11/10/2011	Time Scanned: 02:18:00	Scan Station: 04
Component Code: NK-	Traceability: KNB29904B	
Source Plant: C-	Part / Number Broadcast: 3074	
Date Scanned: 11/09/2011	Time Scanned: 18:28:00	Scan Station: 04
Component Code: NL-	Traceability: KDB2930LU	
Source Plant: C-	Part / Number Broadcast: 3077	
Date Scanned: 11/09/2011	Time Scanned: 18:26:00	Scan Station: 04
Component Code: SA-	Traceability: 01009F616	
Source Plant: C-	Part / Number Broadcast: 0980	
Date Scanned: 11/10/2011	Time Scanned: 02:18:00	Scan Station: 04

Service Agent Installed Component

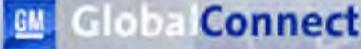
Vehicle has no current record of vehicle component.

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

INTERFACE WITH CUSTOMER

- [Investigate Vehicle History](#)
- [Investigate Major Assembly History](#)
- [Investigate Vehicle History](#)
- [Investigate Major Assembly History](#)

View Vehicle Transaction History Detail

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

Vehicle Information

VIN: 1G1PG5SC4C7 [REDACTED] Model: 1PX69-2012 CRUZE LT 4 DOOR SEDAN
Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes
Order Type: 70 - RETAIL - STOCK
Field Actions: [1 Open](#)

Job Card Date: 03/17/2012

Job Card Number: 188033

Repair Service Agent: 114909
MAC HAIK CHEVROLET
11711 KATY FWY
HOUSTON TX 77079-1739
2814976600

Odometer Reading: 4,319 MI
Authorization Code:

Process Date:
03/27/2012

Transaction Type:
ZREG---Regular Vehicle
Transaction

Transaction Expense Category:
Warranty

Customer Complaint Code:
0121-Drivability - Responsiveness

Job Card Line #: 1

Transaction

Cause Code: 6017-Module/Component -

For this vehicle:

- [View Vehicle S...](#)
 - Service Contract
 - Branded
 - Warranty
- [View Vehicle B...](#)
- [View Vehicle Component Sur...](#)
- [View Vehicle Transaction His...](#)
- [View Vehicle D...](#)
- [View Vehicle Information](#)
- [Investigate Major Assembly Histo...](#)

Adjustment:

Broken

Labour Op E0432-Continental/General Tire Replacement

Causal Part Number 000000000019192711-TIRE,_CONTIPROCONTACT (H-RATED) _P225/5

→ [See other Parts and/or Net Items](#)

<u>Qty</u>	<u>Part Number</u>	<u>Description</u>	<u>Major Assembly</u>	<u>Traceability</u>
1	000000000019192711	TIRE,_CONTIPROCONTACT (H-RATED) _P225/5	No	

<u>Net Item Code</u>	<u>Description</u>

Job Card Date: 11/12/2011

Job Card Number: A15724

Repair Service Agent: 114909

Odometer Reading: 1 MI

MAC HAIK CHEVROLET
11711 KATY FWY
HOUSTON TX 77079-1739
2814976600

Authorization Code:

Process Date:
11/12/2011

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 Z7000-Pre-Delivery Inspection - Base Time

Causal Part Number

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	September 6, 2012	Logout

Global
Warranty Management: Main > Interface With Customer > View Vehicle Delivery Information

INTERFACE WITH CUSTOMER

- [Investigate Vehicle History](#)
- [Investigate Major Assembly History](#)
- [Investigate Vehicle History](#)
- [Investigate Major Assembly History](#)

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.

Vehicle Information

VIN: 1G1PG5SC4C7 [REDACTED] Model: 1PX69-2012 CRUZE LT 4 DOOR SEDAN
Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes
Order Type: 70 - RETAIL - STOCK
Field Actions: [1 Open](#)

Invoice Information

Invoicing Service Agent: 114909 Invoice Date: 11/10/2011
MAC HAIK CHEVROLET
11711 KATY FWY
HOUSTON TX 77079-1739 2814976600

Ship to Information

Ship to Service Agent: 114909 Ship to Date: N/A
MAC HAIK CHEVROLET
11711 KATY FWY
HOUSTON TX 77079-1739 2814976600

Delivery Information

Delivery Service Agent: 114909 Delivery Date: 12/01/2011
MAC HAIK CHEVROLET Delivery Type: 010--INDIVIDUAL
11711 KATY FWY Delivery Odometer: 11
HOUSTON TX 77079-1739 2814976600

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

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For this vehicle:

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- Warranty
- [View Vehicle B](#)
- [View Vehicle Component Sur](#)
- [View Vehicle Transaction His Detail](#)
- [View Vehicle D Information](#)
- [Investigate Major Assembly Histo](#)

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	[REDACTED]	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C [REDACTED]

Inspector (First & Last Name): Martin Houle
Number of photos: 60

Section 1. Description

Photo #	Description Only	Damage (Yes/No)
1	Vin Plate	No
2	Door Plate (GVWR & Tires Specs)	No
3	RPO Plate	No
4	IP Cluster / Odometer	No
5	Front (Exterior)	Yes
6	Passenger's Side (Exterior)	Yes
7	Rear (Exterior)	No
8	Driver's Side (Exterior)	Yes
9	Under Hood	Yes
10	Driver's Side (Interior)	No
11	Passenger's Side (Interior)	No
12	Rear (Interior)	No
13	Trunk/Hatch/Cargo Area	No
14	Underbody	No
15	Left Front Quarter View.	Yes
16	Right Front Quarter View.	Yes
17	Right Rear Quarter View.	No
18	Left Rear Quarter View.	No
19	Frontal Damage Inspection	Yes
20	Under Hood Impact Damage Inspection.	Yes
21	Under Hood Damage, Right Front Fender.	Yes
22	Under Hood Damage, Right Side.	Yes
23	Under Hood Damage, Left Side.	Yes
24	Under Hood Damage, Left Front Fender.	Yes
25	Profile View of Front Impact Damage.	Yes
26	Hood Crush Damage	Yes
27	Left Front Door Contacted Front Fender	Yes
28	Frontal Angular Impact at Approximately 35-40 degrees From the Right Front Area	Yes
29	Right Front Frame Horn/Final Impacted Towards the Left 4-5"	Yes
30	Left Front Suspension	No
31	Right Front Suspension	No
32	Right Frame Rail.	No
33	Left Frame Rail.	No
34	Left Wheelbase Measurement	No
35	Right Wheelbase Measurement	No
36	Left Front Overhang	Yes
37	Right Front Overhang	Yes
38	Left Rear Overhang	No
39	Right Rear Overhang	No
40	Windshield Inspection.	No
41	Steering Wheel and Column.	No
42	Instrument Panel Inspection and Passenger Airbag Module.	No
43	Driver's Seat Position.	No
44	Driver's Seat Back Position.	No
45	Passenger, RF Seat Position.	No
46	Passenger, RF Seat Back Position.	No
47	Airbag Light Function Test.	No
48	Seat Belt Lamp Test	No
49	SDM CDR Crash Data Collection.	Yes
50	Passenger Presence System Function Test Unoccupied	No
51	Passenger Presence System Function Test Occupied	No
52	Left Front Door Glass	No

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7215724

Photo #	Description Only	Damage (Yes/No)
53	Right Front Door Glass	No
54	Right Rear Door Glass	No
55	Left Rear Door Glass	No
56	Left Front Tire Inspection.	No
57	Right Front Tire Inspection.	No
58	Right Rear Tire Inspection.	No
59	Left Rear Tire Inspection.	No
60	Dead Battery, Alternate Power Supply	No

Section 2.

Description and Photos

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-110088780	VIN:	1G1PG5SC4C7██████████

Photo #	Description / Photo	Damage (Yes/No)												
1	<p>Vin Plate</p> 	No												
2	<p>Door Plate (GVWR & Tires Specs)</p>  <table border="1"> <thead> <tr> <th>DATE</th> <th>GVWR</th> <th>GAWR FRT</th> <th>GAWR RR</th> </tr> </thead> <tbody> <tr> <td>11/11</td> <td>1891 KG</td> <td>989 KG</td> <td>902 KG</td> </tr> <tr> <td></td> <td>4168 LB</td> <td>2179 LB</td> <td>1989 LB</td> </tr> </tbody> </table> <p>THIS VEHICLE CONFORMS TO ALL APPLICABLE U.S. FEDERAL MOTOR VEHICLE SAFETY, BUMPER, AND THEFT PREVENTION STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.</p> <p>1G1PG5SC4C7██████████ TYPE: PASS CAR</p>	DATE	GVWR	GAWR FRT	GAWR RR	11/11	1891 KG	989 KG	902 KG		4168 LB	2179 LB	1989 LB	No
DATE	GVWR	GAWR FRT	GAWR RR											
11/11	1891 KG	989 KG	902 KG											
	4168 LB	2179 LB	1989 LB											

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7██████████

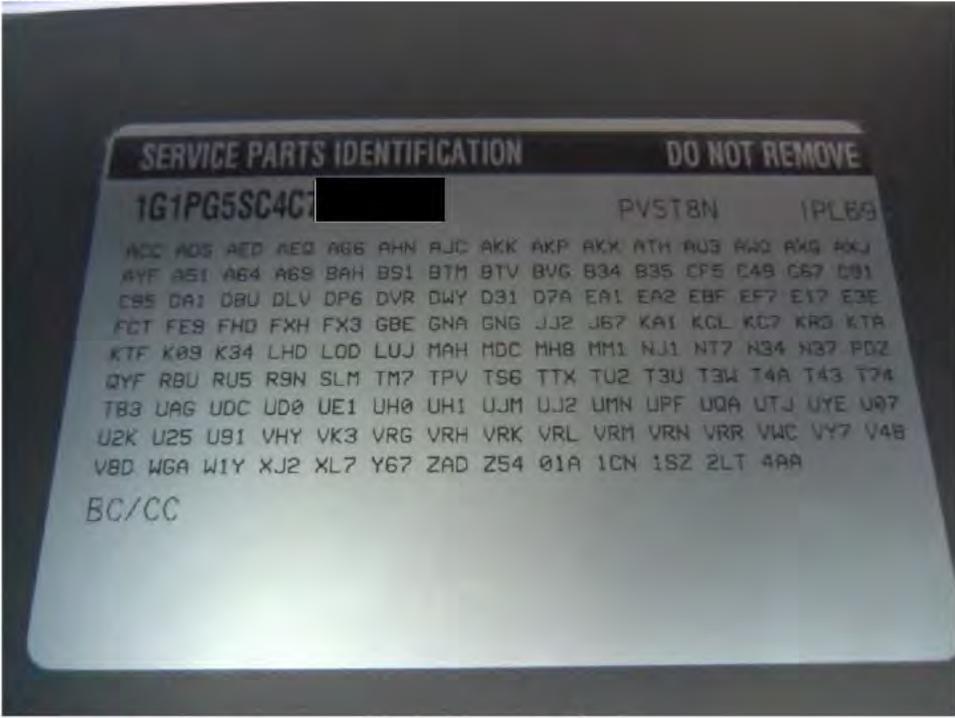
Photo #	Description / Photo	Damage (Yes/No)
3	<p>RPO Plate</p>  <p>The image shows a white RPO (Retail Product Option) plate. At the top, it reads "SERVICE PARTS IDENTIFICATION" on the left and "DO NOT REMOVE" on the right. Below this, the VIN "1G1PG5SC4C7" is printed, followed by "PVST8N" and "IPL89". A large list of alphanumeric codes follows, representing various service parts options. At the bottom of the plate, "BC/CC" is printed.</p>	No
4	<p>IP Cluster / Odometer</p>  <p>The image shows a close-up of a digital instrument cluster. The word "Speed" is at the top. In the center, a large "0" is displayed above "MPH". Below a horizontal line, the odometer shows "P 008057 mi" and a fuel gauge icon on the right.</p>	No

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-110088780	VIN:	1G1PG5SC4C7██████████

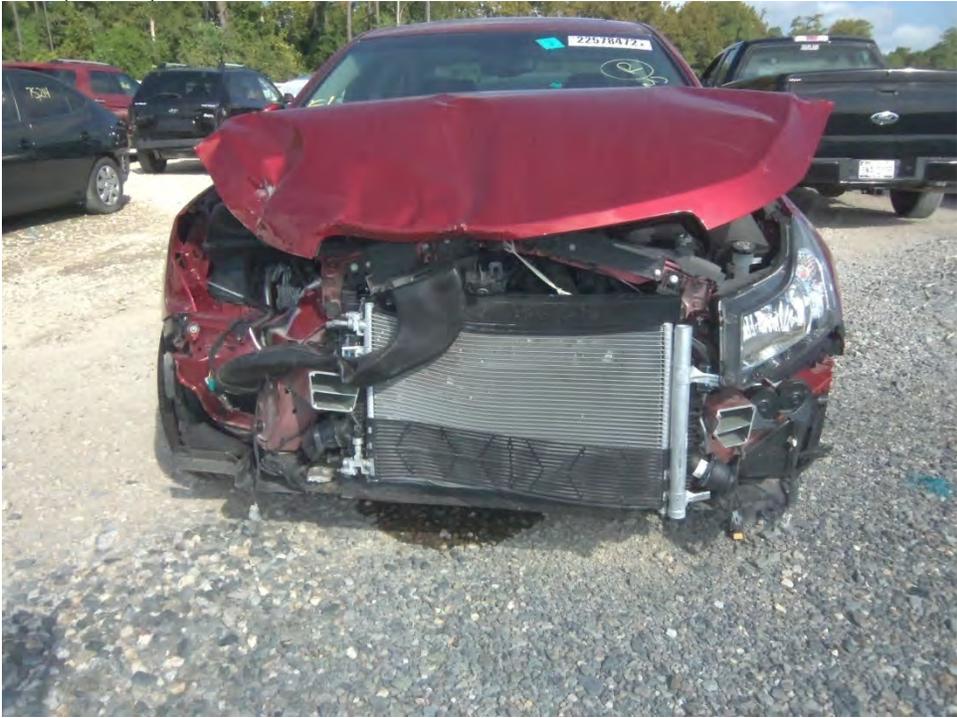
Photo #	Description / Photo	Damage (Yes/No)
5	<p>Front (Exterior)</p> 	<p>Yes, Frontal angular impact of approximately 4-6' of crush from right to left, 35-40 degrees.</p>
6	<p>Passenger's Side (Exterior)</p> 	<p>Yes, Right front fender crushed.</p>

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7██████████

Photo #	Description / Photo	Damage (Yes/No)
7	Rear (Exterior) 	No
8	Driver's Side (Exterior) 	Yes, Entire front clip crushed towards the left front right front impact. Fender contacted left front door.

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7██████████

Photo #	Description / Photo	Damage (Yes/No)
9	<p>Under Hood</p> 	<p>Yes, Frontal angular impact of approximately 4-6' of crush from right to left, 35-40 degrees.</p>
10	<p>Driver's Side (Interior)</p> 	<p>No</p>

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
11	Passenger's Side (Interior) 	No
12	Rear (Interior) 	No

[REDACTED]		[REDACTED]	
[REDACTED]	[REDACTED]	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7 [REDACTED]

Photo #	Description / Photo	Damage (Yes/No)
13	Trunk/Hatch/Cargo Area 	No
14	Underbody 	No

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-110088780	VIN:	1G1PG5SC4C7██████████

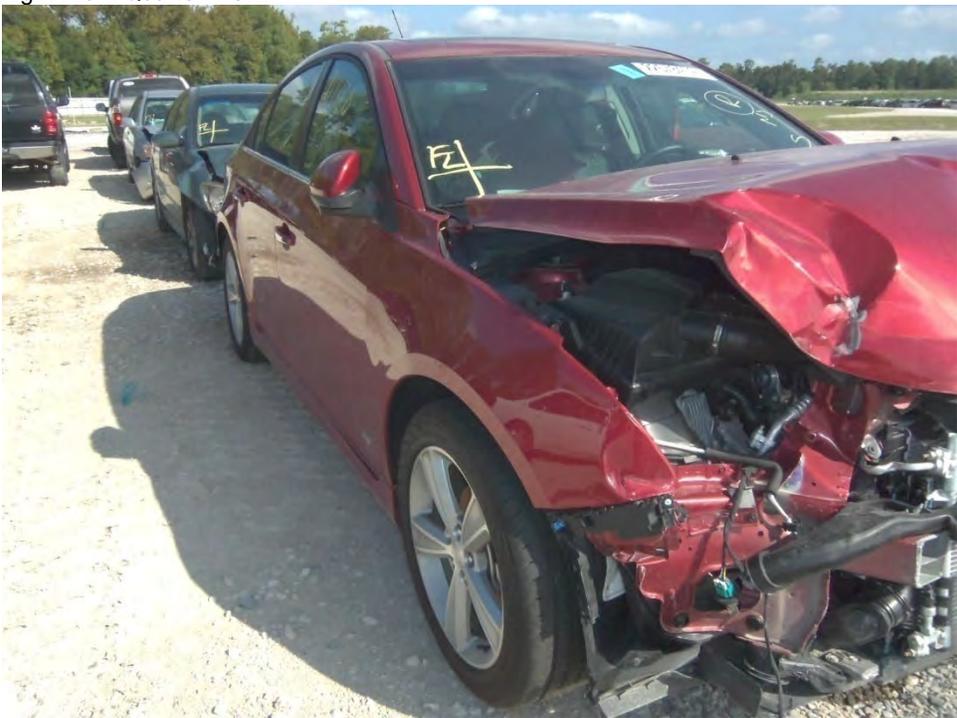
Photo #	Description / Photo	Damage (Yes/No)
15	<p>Left Front Quarter View.</p> 	<p>Yes, Entire front clip crushed towards the left front right front impact. Fender contacted left front door.</p>
16	<p>Right Front Quarter View.</p> 	<p>Yes, Right front frame horn/final bent towards left 4-6". Minor apron impact.</p>

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-110088780	VIN:	1G1PG5SC4C7██████████

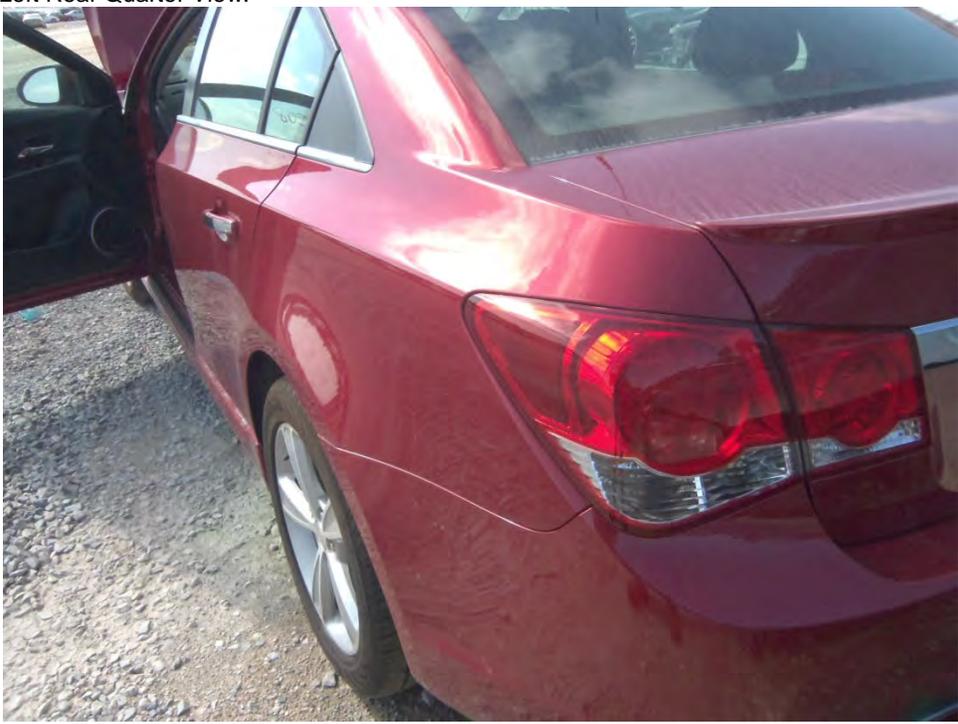
Photo #	Description / Photo	Damage (Yes/No)
17	Right Rear Quarter View. 	No
18	Left Rear Quarter View. 	No

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-110088780	VIN:	1G1PG5SC4C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
19	Frontal Damage Inspection 	Yes, Frontal angular impact of approximately 4-6' of crush from right to left, 35-40 degrees.
20	Under Hood Impact Damage Inspection. 	Yes, Frontal angular impact of approximately 4-6' of crush from right to left, 35-40 degrees.

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-110088780	VIN:	1G1PG5SC4C7██████████

Photo #	Description / Photo	Damage (Yes/No)
21	<p>Under Hood Damage, Right Front Fender.</p> 	<p>Yes, Right front fender impact crush of 4-6".</p>
22	<p>Under Hood Damage, Right Side.</p> 	<p>Yes, Right front upper core support crushed inward 3-4".</p>

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-110088780	VIN:	1G1PG5SC4C7██████████

Photo #	Description / Photo	Damage (Yes/No)
23	<p>Under Hood Damage, Left Side.</p>  <p>A photograph showing the left side of the engine compartment. A yellow measuring tape is held vertically against a black plastic component. A white tag with 'L.F.' is attached to the component. The tape shows a measurement of approximately 1.5 inches.</p>	<p>Yes, Crushed inward 1-2".</p>
24	<p>Under Hood Damage, Left Front Fender.</p>  <p>A photograph showing the left front fender area under the hood. A yellow measuring tape is held vertically against the fender. A white tag with 'L.F.' is attached to the fender. The tape shows a measurement of approximately 1.5 inches.</p>	<p>Yes, Missing front bumper fascia.</p>

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-110088780	VIN:	1G1PG5SC4C7██████████

Photo #	Description / Photo	Damage (Yes/No)
25	<p>Profile View of Front Impact Damage.</p> 	Yes
26	<p>Hood Crush Damage</p> 	Yes, Hood crushed 6-8".

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-110088780	VIN:	1G1PG5SC4C7██████████

Photo #	Description / Photo	Damage (Yes/No)
27	<p>Left Front Door Contacted Front Fender</p> 	<p>Yes, Entire front clip crushed towards the left front right front impact. Fender contacted left front door.</p>
28	<p>Frontal Angular Impact at Approximately 35-40 degrees From the Right Front Area</p> 	<p>Yes, Frontal angular impact of approximately 4-6' of crush from right to left, 35-40 degrees.</p>

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-110088780	VIN:	1G1PG5SC4C7██████████

Photo #	Description / Photo	Damage (Yes/No)
29	<p>Right Front Frame Horn/Final Impacted Towards the Left 4-5"</p> 	<p>Yes, Right front frame horn/final bent towards left 4-6".</p>
30	<p>Left Front Suspension</p> 	<p>No</p>

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7██████████

Photo #	Description / Photo	Damage (Yes/No)
31	Right Front Suspension 	No
32	Right Frame Rail. 	No

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7██████████

Photo #	Description / Photo	Damage (Yes/No)
33	<p>Left Frame Rail.</p> 	No
34	<p>Left Wheelbase Measurement</p> 	No

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7██████████

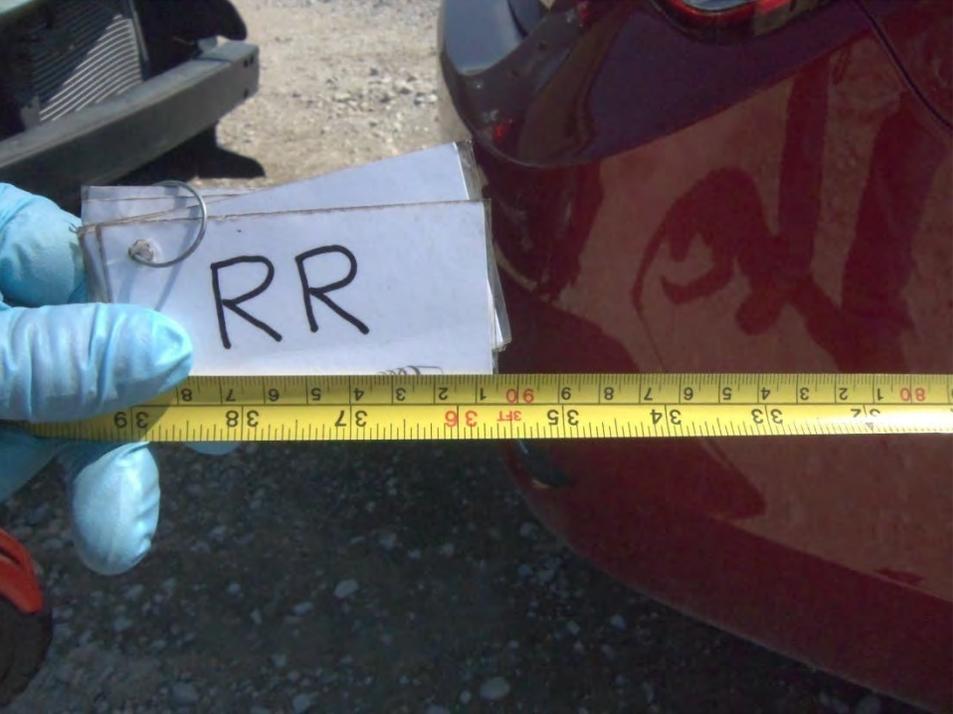
Photo #	Description / Photo	Damage (Yes/No)
35	<p>Right Wheelbase Measurement</p> 	No
36	<p>Left Front Overhang</p> 	Yes, Missing front fascia.

		Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7

Photo #	Description / Photo	Damage (Yes/No)
37	<p>Right Front Overhang</p> 	<p>Yes, 5-6" of impact crush to right front fender, headlamp missing.</p>
38	<p>Left Rear Overhang</p> 	<p>No</p>

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C██████████

Photo #	Description / Photo	Damage (Yes/No)
39	Right Rear Overhang 	No
40	Windshield Inspection. 	No

		Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7

Photo #	Description / Photo	Damage (Yes/No)
41	Steering Wheel and Column. 	No
42	Instrument Panel Inspection and Passenger Airbag Module. 	No

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7██████████

Photo #	Description / Photo	Damage (Yes/No)
43	<p>Driver's Seat Position.</p> 	<p>No, Positioned approximately 10" back from knee bolster.</p>
44	<p>Driver's Seat Back Position.</p> 	<p>No, Reclined back approximately 65 degrees.</p>

		Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7

Photo #	Description / Photo	Damage (Yes/No)
45	Passenger, RF Seat Position. 	No, Positioned approximately 12" back from knee bolster.
46	Passenger, RF Seat Back Position. 	No, Reclined back approximately 58 degrees.

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-110088780	VIN:	1G1PG5SC4C7██████████

Photo #	Description / Photo	Damage (Yes/No)
47	Airbag Light Function Test.  A close-up photograph of the instrument cluster. The airbag warning light, which depicts a car with a person inside and a deployed airbag, is illuminated in yellow. Other visible lights include the oil pressure light, battery light, and brake light. The tachometer needle is at 0, and the speedometer needle is at 0.	No
48	Seat Belt Lamp Test  A close-up photograph of the instrument cluster, identical to the one above. The seat belt warning light, which depicts a person in a car seat with a seat belt, is illuminated in yellow. The airbag light is also visible and illuminated.	No

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-110088780	VIN:	1G1PG5SC4C7██████████

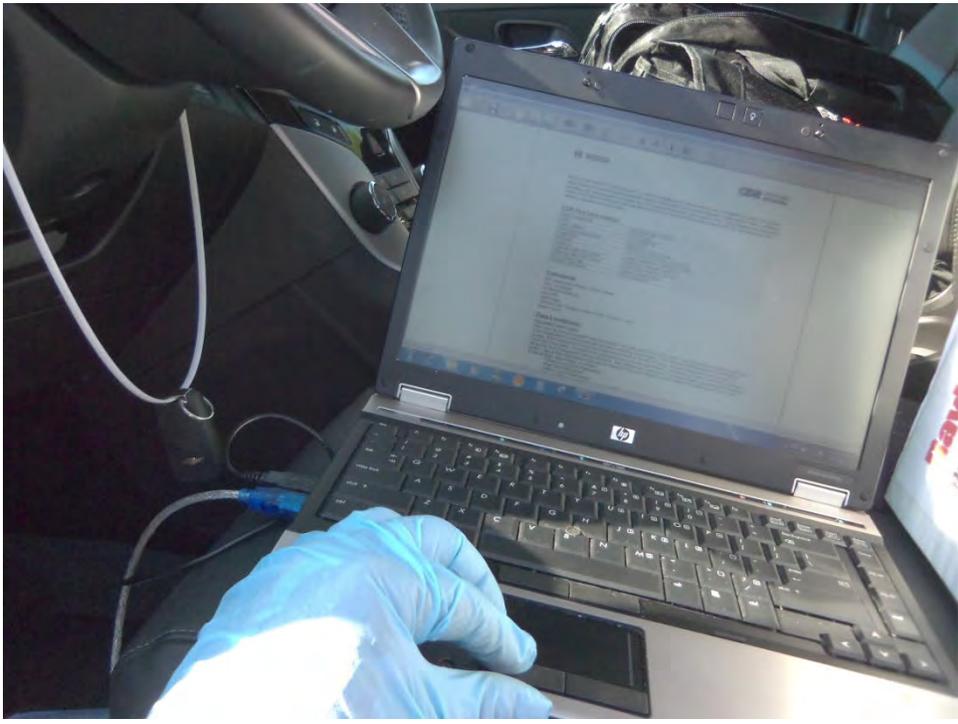
Photo #	Description / Photo	Damage (Yes/No)
49	SDM CDR Crash Data Collection. 	Yes, Downloaded Non- Deployment Event.
50	Passenger Presence System Function Test Unoccupied 	No

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-110088780	VIN:	1G1PG5SC4C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
51	Passenger Presence System Function Test Occupied 	No
52	Left Front Door Glass 	No

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-110088780	VIN:	1G1PG5SC4C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
53	Right Front Door Glass 	No
54	Right Rear Door Glass 	No

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7██████████

Photo #	Description / Photo	Damage (Yes/No)
55	<p>Left Rear Door Glass</p> 	No
56	<p>Left Front Tire Inspection.</p> 	No

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
57	Right Front Tire Inspection.  A close-up photograph of the right front tire and silver alloy wheel of a red Chevrolet. A hand wearing a blue nitrile glove holds a white card with the handwritten letters 'RF' in front of the wheel. The tire tread and the Chevrolet logo on the wheel are clearly visible.	No
58	Right Rear Tire Inspection.  A close-up photograph of the right rear tire and silver alloy wheel of a red Chevrolet. A hand wearing a blue nitrile glove holds a white card with the handwritten letters 'RR' in front of the wheel. The tire tread and the Chevrolet logo on the wheel are clearly visible.	No

Photo Log & Photos for Preliminary Inspection v.2

Customer's Last Name:	██████████	Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
59	Left Rear Tire Inspection. 	No
60	Dead Battery, Alternate Power Supply 	No

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	09/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1100088780	VIN:	1G1PG5SC4C7██████████

Mileage at inspection:	8,057	Inspection location:	CoParts Auto Salvage
Inspected by:	Martin Houle	Address: 1655 Rankin Road, Houston, Texas 77073	
Inspector's phone number:	248.687.4324		

Was a dealer technician used? Yes No Number of photos

If Yes, number of hours?

If possible, document the RO number:

Maximum vehicle speed taken from CDR report: Number of DTC's

Did CDR detect a rollover event? Yes No

Section 1 INSPECTION SUMMARY

Provide driver/claimant's complete description of incident. Do not paraphrase the customer's words. This is a very important section of the report:

Mr. ██████ stated: "My wife was coming out of a parking lot and the right windshield pillar was blocking her vision of the street. She pulled out in front of a moving vehicle and was struck on the right front area of the Chevy Cruze. The airbags did not deploy and we were thankful nobody was injured."

NOTE: FOR ALLEGATIONS OF AN INADVERTENT DEPLOYMENT WITH NO COLLISION, COMPLETE THE INADVERTENT AIRBAG DEPLOYMENT INSPECTION FORM.

<input type="checkbox"/>	Non-deployment (the airbag did not deploy and the claimant states that it should have)		
<input checked="" type="checkbox"/>	Front	<input type="checkbox"/> Side	<input type="checkbox"/> Other
<input type="checkbox"/>	Inadvertent deployment with a collision, (the claimant states that the airbag deployed when it should not have)		
<input type="checkbox"/>	Front	<input type="checkbox"/> Side	<input type="checkbox"/> Other
<input type="checkbox"/>	Improper deployment (e.g. the claimant states that the airbag deployed late or only partially)		
<input type="checkbox"/>	Front	<input type="checkbox"/> Side	<input type="checkbox"/> Other
<input type="checkbox"/>	Deployment-induced injury in a collision (the claimant states the deployment of the airbag caused an injury)		
<input type="checkbox"/>	Other Describe: <input type="text"/>		
<input type="checkbox"/>	None: seat belt - related allegation only		

Describe the seat belt related allegation below:

<input type="checkbox"/>	Non-activation (the claimant states that the seat belt did not restrain an occupant and it should have)		
<input type="checkbox"/>	Induced injury (the claimant states the seat belt system caused an injury)		
<input type="checkbox"/>	Other Describe: <input type="text"/>		
<input checked="" type="checkbox"/>	None: SIR - related allegation only		

Driver seatbelt pretensioner deployed? Yes No

Passenger seatbelt pretensioner deployed? Yes No

Following the inspection, summarize the facts and observations:

Mr. ██████ believes the frontal airbag module on his 2012 Chevrolet Cruze should have deployed during his wife's recent collision event. I contacted Mr. ██████ by telephone on September 7, 2012 to initiate an investigation on the 2012 Chevrolet Cruze. Mr. ██████ agreed to an interview and vehicle inspection on September 7, 2012 at 4:05 p.m. The 2012 Chevrolet Cruze was located at CoParts Salvage Yard, 1655 Rankin Road, Houston, Texas 77073 where the vehicle inspection was performed. There were no injuries requiring treatment in the incident.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	09/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1100088780	VIN:	1G1PG5SC4C7██████████

- The vehicle is missing front bumper fascia, grill, and right headlamp. I found the fascia and headlamp located in the rear passenger compartment (see photos #11 & 12).
- The vehicle inspection revealed that the frontal impact is concentrated to the right upper core support and frame rail area. The impact is angular at the right front frame rail and the rail is bent towards the left approximately 4-6" signifying a right angular impact of 35-40 degrees (see photo's #5, and 27 - 29).
- The hood impact damage is located at the front leading edge with impact crush damage of approximately 6-8", however, the hood did not contact the windshield (see photos #25 & 26).
- The left front door contacted the left front fender. The entire front clip is crushed toward the left causing door-to- fender contact (see photos #15 & 27).
- No GDS scan was performed because of the inspection location (salvage yard).
- A successful Bosch CDR download was achieved through the ALDL and stored as a non-deployment event. The driver's seat belt was unbuckled during this crash event (See CDR attachment).
- No aftermarket items or pre-existing damage were noted during inspection.

Section 2 INTERVIEW – INCIDENT DETAILS

Interviewee name:	██████████
Address:	██████████ Humble Texas ██████████
Phone number:	██████████
Date of interview:	09.07.2012
Interview mode: (Telephone or in person)	Telephone

Police report? Yes No
 Fire report? Yes No

Driver's Physical Description

Name:	██████████
Gender:	Female
Height:	5' 7"
Weight:	125
Disabilities:	None

Driver's Trip Information

Hours	Minutes	Distance	Driver's Estimated Speed
	2	200'	20

Exact incident location: Wilson Road, Humble Texas @ Wal-Mart	Exact incident date & time: 08/18/2012 @ 2:00 p.m.
Weather condition & visibility: Clear and Dry	Approximate temp (°F): 95 deg

Was there a collision? Yes No

Were there any other occupants in the vehicle at the time of the incident? Yes No

Occupant's Information (If Applicable)

Name:	
Gender:	
Height:	
Weight:	
Age:	

Name:	
Gender:	
Height:	
Weight:	
Age:	

Where were the other occupants seated?

Front Row: Right Front Front Center
 Second Row: Right Rear Center Left Rear
 Third Row: Right Rear Center Left Rear

If the vehicle is a truck or a car trailering cargo at the time of the incident, estimate total weight of cargo and trailer	0 (lbs)
--	-------------------

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:		Inspection date:	09/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1100088780	VIN:	1G1PG5SC4C7

Load description: None

Any objects in the road? Yes No

If yes, describe: _____

Did vehicle leave the roadway? Yes No

If yes, what was impacted? _____

Was there any evasive action? Turning Braking Accelerating Other: None

Road Surface:	<input type="checkbox"/> Concrete	<input checked="" type="checkbox"/> Asphalt	<input type="checkbox"/> Gravel	<input type="checkbox"/> Crushed Rock	<input type="checkbox"/> Dirt
Road Condition:	<input checked="" type="checkbox"/> Dry	<input type="checkbox"/> Wet	<input type="checkbox"/> Icy	<input type="checkbox"/> Other:	
Shoulder/Curb Condition:	<input checked="" type="checkbox"/> Dry	<input type="checkbox"/> Wet	<input type="checkbox"/> Icy	<input type="checkbox"/> Other:	<input type="checkbox"/> Dirt
Select One---->	<input type="checkbox"/> Shoulder	<input checked="" type="checkbox"/> Curb			

Any unusual noises (bang, pop, tick, grinding, metallic, roar, etc.)? Yes No

If Yes, from where? _____

Prior to or after the incident, were there any warning lights on, or messages displayed on the Driver's Information Center? Yes No

If Yes, what indicator? _____

Has this condition been observed prior to this incident? Yes No

If yes, how often? _____

Was the repair facility contacted regarding this concern? Yes No

Is an invoice for the repair available? Yes No

If Yes, what was the outcome? _____

Additional comments concerning the incident:

Section 3 VEHICLE HISTORY

---Obtain information for this section from Driver / Claimant---

If any information for this section is obtained from anyone other than the claimant, provide the name, address, phone number and relationship, if any, to the claimant

Name:	
Address:	
Phone number:	
Relationship to claimant:	

Did the owner purchase the vehicle new? Yes No

If yes, date of purchase? _____

If purchased used, provide the name, address of the seller and data of purchase:

Name:	Momentum BMW
Address:	10002 Southwest Freeway Houston, TX 77074
Date of purchase:	08/11/2012

VEHICLE REPAIR / SERVICE HISTORY

If the answer is "Yes" to any of the following three questions, describe the repairs. Obtain copies of the repair order(s) if possible, and document the name of the service facility, its address, and telephone number.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	09/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1100088780	VIN:	1G1PG5SC4C7██████████

Any repairs outside of warranty? Yes No

If yes, provide dates, descriptions of the repair(s) and repair invoices if possible:

Date	Repair Description / By Whom?

Prior electrical system service? Yes No

If yes, provide the following:

Date	Description

Prior collision repair? Yes No

If yes, provide the following:

Date	Description

Prior SIR and/or seat belt service, repair, or replacement? Yes No

If yes, provide the following:

Date	Description

VEHICLE MODIFICATIONS / ALTERATIONS

Ask if there are any vehicle modifications or alterations present, and has any after-market equipment been installed? Remember that if the vehicle has been pre-owned, the current owner may not know of any/all changes to the vehicle.

<input type="checkbox"/> Remote Start	<input type="checkbox"/> Suspension	<input type="checkbox"/> Tires/Wheels	<input type="checkbox"/> Turbo	<input type="checkbox"/> Aftermarket Exhaust
<input type="checkbox"/> Body Modifications	<input type="checkbox"/> Towing Equip.	<input type="checkbox"/> Security Alarm	<input type="checkbox"/> Wiring	<input type="checkbox"/> Headers
<input checked="" type="checkbox"/> Unknown				

If yes, describe component, who installed it, and capture photos:

Other vehicle history information from interview, GM Warranty, or Dealership history files? Yes No

If Yes, describe & make copies: GM VIS attached

Section 4 VEHICLE / SYSTEM INSPECTION

---Note---

Do Not "Clear Codes" from any on board module(s)

Use the scan tool to capture all diagnostic trouble codes (current or history), and photograph the screens (if a scan tool was used).

DTC	Symptom	Description	Current	History
		Inspection was in a salvage yard and no scan tool was available. The CDR reports no DTC's were present prior to the event.		

SDM Crash Data Collection:

Describe and photograph any evidence that the passenger compartment may have had moisture intrusion or the SDM has incurred any damage due to moisture/corrosion. Visually inspect the carpet and floor pan for moisture and the SDM electrical connector male and

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	09/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1100088780	VIN:	1G1PG5SC4C7██████████

female ends for signs of corrosion. If the SDM is mounted under a seat, visually inspect for any foreign objects that could affect the airbag system operation and, if found, inspect the area very carefully. Photograph as needed.

If the vehicle is equipped with roll-over protection, download the ROS data after downloading the CDR data. (See ROS Coverage document to determine whether vehicle is supported, and/or observe the icons on the function bar on the CDR screen.) SUV-type vehicles may have roll-over protection. An "Airbag" name will be embossed on the trim at the A and possibly B pillars of the vehicle.

NOTE: Some vehicles do not require the ignition key to be in the ignition "on" position in order to download the data

- OBTAIN DERM/SDM DOWNLOADS FOR ALL INADVERTENT DEPLOYMENT ALLEGATIONS
- IF POSSIBLE, AVOID CYCLING THE IGNITION KEY ON/OFF PRIOR TO OBTAINING THE DOWNLOAD
- PHOTOS OF THE CDR SCREEN ARE REQUIRED TO SHOW ANY ERROR MESSAGES

NOTE: Save the raw CDR and ROS files and then the PDF files. Submit all files with report.

Was the CDR download available?

Yes

No

If "No", describe:

How was download obtained?

ALDL / DLC

Directly from module using adapter harness w/ Bosch CDR

If the download was obtained directly from the module, was the module removed from the vehicle?

Yes

No

If removed from the vehicle, describe and photograph the conditions under which the module was mounted when the download was obtained:

FRONT AREA: Describe any damage to the front of the vehicle. Observe and photograph whether the hood is opened, if it contacted or penetrated the windshield, and the location of the contact.

-The vehicle is missing the front bumper fascia, grill, and right headlamp. I found the fascia and headlamp laying loose in the rear passenger compartment as show in photos #11 & 12.

-The hood impact damage is noted at the front leading edge with impact crush damage of approximately 6-8" however, the hood did not contact the windshield (see photos #25 & 26).

LEFT SIDE EXTERIOR: Describe any damage to the door(s) and other body panels. Determine whether any door opened as a result of the impact. If so, photograph the latch, striker and the hinges.

-The left front door contacted the left front fender.

-The entire front clip is crushed towards the left causing door-to- fender contact (see photos #15 & 27).

RIGHT SIDE EXTERIOR: Describe any damage to the door(s) and other body panels. Determine whether any door opened as a result of the impact. If so, photograph the latch, striker and the hinges.

None

REAR AREA: Describe any damage to the rear of the vehicle. Observe and photograph whether the deck lid or rear hatch opened and note if the spare tire separated from the vehicle.

R006 Restraint			
		Inspection date:	09/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1100088780	VIN:	1G1PG5SC4C

None

ROOF / ROOF STRUCTURE: Describe any damage to the roof of the vehicle. Note if any convertible tops or removable roof panels did not remain attached, and photograph the latches.

None

UNDERBODY / FRAME / CHASSIS AREA: The underbody should be carefully inspected and any damage to the underside of the vehicle completely described. Note the condition of the bumpers, frame, suspension, tires, wheels, & engine mount(s)/cross member. Briefly describe any damage or signs of impact to areas of the underbody and provide photos in the photo log.

Inspection shows frontal impact concentrated to the right upper core support and frame rail area. The impact is angular at the right front frame rail, the rail is bent towards the left approximately 4-6" signifying a right angular impact of 35-40 degrees (see photo's #5, and 27 - 29).

SIDE IMPACT INSPECTION

Identify and photograph the following items:

1. Door hinges on struck side damaged?
2. Door hinges on struck side separated?
3. Damage to striker/latch system?
4. Any rubber or paint transferred to the subject vehicle?
5. Damage from extrication tools (Jaws of Life)?
6. Separation of sheet metal along weld seams (doors, rocker panels, etc...)?
7. Side door beam damaged? (Photos if possible)
8. Side beam welds separated? (Photos if possible)
9. Interior door trim damaged?
10. Interior roof trim damaged near door opening?

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No

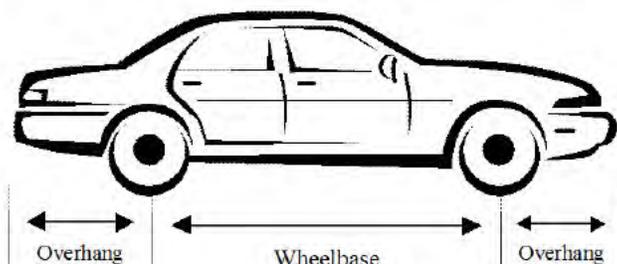
Identify and photograph the following (note the "non-struck" items):

1. Hinges on "non-struck" side
2. Latch/striker on "non-struck" side
3. Door trim on "non-struck" side
4. Headliner / roof trim on "non-struck" side
5. Overhead view (if possible)
6. Underbody, front & rear suspension
7. Striking vehicle
8. Any other vehicles involved

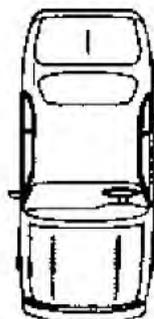
R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	09/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1100088780	VIN:	1G1PG5SC4C7██████████

STRUCTURAL DEFORMATION/CRUSH AREAS



Left Rear Rt. Rear



Left Front Rt. Front

Please check all that apply:

Type of impact(s)? Frontal Side Rear Rollover Other: _____

The following dimensions should be obtained as they are important in determining the magnitude of the impact to the vehicle. See diagram for definitions of overhang. Do not report "No Change" in this section.

All values in inches:

Driver side wheelbase	106	Passenger side wheelbase	106
Driver side front overhang	25	Passenger side front overhang	19
Driver side rear overhang	37	Passenger side rear overhang	37

Maximum depth of crush (Inches):

6-8'	Front	0	Driver's side
0	Rear	0	Passenger's side
0	Roof		

Additional comments regarding exterior damage:

Hood area is maximum crush impact of 6-8".

PRIOR DAMAGE

Document and photograph any damage that appears to have been present prior to this incident:

None

Does customer allege non-deployment of side airbags or roof rail airbags? Yes No

NOTE: Complete the following if the customer allegation involves NON DEPLOYMENT of the side impact airbags or roof rail airbags. Otherwise leave the remaining portion of section blank. Identify and photograph the following items:

Door hinges on struck side damaged?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Door hinges on struck side separated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Damage to striker/latch system?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Any rubber or paint transferred to the subject vehicle?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Damage from extrication tools (e.g. jaws of life)?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Separation of sheet metal along weld seams (doors, rocker panels, etc...)?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Side door beam damaged? (Photos if possible)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Side beam welds separated (Photos if possible)?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Interior door trim damaged?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Interior roof trim damaged near door opening?	<input type="checkbox"/> Yes	<input type="checkbox"/> No

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	09/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1100088780	VIN:	1G1PG5SC4C7██████████

Additional comments:

Photograph the following:

Hinges on non-struck side	<input type="checkbox"/>	Overhead view (if possible)	<input type="checkbox"/>
Latch/striker on non-struck side	<input type="checkbox"/>	Door trim on non-struck side	<input type="checkbox"/>
Underbody, front & rear suspension	<input checked="" type="checkbox"/>	Headliner / roof trim on non-struck side	<input type="checkbox"/>
Striking vehicle (If available)	<input type="checkbox"/>	Any other vehicles involved (if possible)	<input type="checkbox"/>

INTERIOR INSPECTION (Photograph the side view of the steering wheel and column, the interior, and deployed airbags)

Interior reduced in size?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Where:
Intrusion by an external object?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Loose objects inside?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Cowl deformed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Floorpan / Toe-pan deformed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Headliner / visors damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Inside rear-view mirror damaged	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Door trim damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Steering column displaced?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Steering column capsule bracket displaced?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Control knobs/ levers damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Accelerator/brake pedals deformed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Instrument panel damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Lower IP/Knead bolster damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:

If any of the following are "Yes", capture photographs

Driver front airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger front airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Driver side airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger side airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Driver roof rail airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger roof rail airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Other? (pretensioners, etc.)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Other:

Windshield (W/S) damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No		
If Yes?	<input type="checkbox"/>	Cracked	<input type="checkbox"/>	Broken (Top inner layer)	<input type="checkbox"/>	Damaged by occupant contact
W/S separated from vehicle?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	%(Approx.) Approximate % of perimeter separation

Steering wheel damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If Yes:	<input type="checkbox"/>	Rim	<input type="checkbox"/>	Hub
If yes, describe?				

If applicable, indicate the "clock" position of damage to the steering wheel:

(NOTE: The top of the steering wheel assembly is 12 o'clock, regardless if the wheel itself is turned.)

Tilt steering wheel?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No		
If yes, position?	<input type="checkbox"/>	Low	<input checked="" type="checkbox"/>	Med	<input type="checkbox"/>	High

Telescoping steering wheel?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No		
If yes, position?	<input type="checkbox"/>	Forward	<input type="checkbox"/>	Middle	<input type="checkbox"/>	Rearward

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	09/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1100088780	VIN:	1G1PG5SC4C7 ██████████

IF THERE WERE ANY TRANSFER MARKS PRESENT ON THE STEERING WHEEL, PHOTOGRAPH THEM

Were transfer marks present (clothing, makeup, etc.)? No Yes

If yes, describe? _____

If the SDM is located under a seat, **visually** inspect for foreign objects and water intrusion that could damage the module or its wiring. If any exist, remove the seat and conduct a more extensive examination of the area. Describe findings and photograph.

Any signs of water intrusion? Yes No

If yes, describe: _____

SEAT INSPECTION (Photograph damaged areas)

Type of front seat? Bucket Bench 50/50 Split Bench 60/40 Split Bench

DRIVER'S SEAT INFORMATION

Seat damage? Yes No

If Yes, location? Seat bottom Backrest Headrest

Seatback struck by rear occupant? Yes No

If yes, describe: _____

RIGHT FRONT PASSENGER SEAT INFORMATION

Seat damage? Yes No

If Yes, location? Seat bottom Backrest Headrest

Seatback struck by rear occupant? Yes No

If yes, describe: _____

Additional info regarding seat damage (Front or rear): _____

WINDOW INSPECTION

Note all window conditions: Undamaged; see photos # 40, and 52 - 55.

RESTRAINT SYSTEM INSPECTION

Note: Do not "Clear Codes" from the on-board computer(s)

If equipped, are the pretensioners activated / deployed? Yes No

"Alleged", SIR Unit(s):

Driver front Passenger front Driver side (door/seat) Passenger side (door/seat)

Driver knee bag Passenger knee bag Roof rail airbag(s) Other: _____

Driver Pretensioner Passenger Pretensioner

Actual Deployed SIR(s):

Driver front Passenger front Driver side (door/seat) Passenger side (door /seat)

Driver knee bag Passenger knee bag Roof rail airbag(s) Other: _____

Driver Pretensioner Passenger Pretensioner

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:		Inspection date:	09/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1100088780	VIN:	1G1PG5SC4C7

INSPECT SIR WIRING and SENSORS (IF VISIBLE)

SIR wiring damaged?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
SIR sensors damaged / disconnected?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:

If any airbag(s) deployed was it the:

Driver front airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:

Passenger front airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:

Driver side airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:

Passenger side airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:

Roof rail airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:

ALLEGATION THAT FRONT PASSENGER AIRBAG "DID NOT DEPLOY" IN A COLLISION

Complete this section if the customer alleges the FRONT PASSENGER airbag did not deploy in a collision. (Effective with the MY2007 NHTSA required all vehicles to be equipped with a Passenger Presence System.) Many vehicles were equipped with this feature prior to MY2007. Check the owner's manual and labels in the vehicle. The following information may be useful in evaluating those concerns.

If transfer marks are present, please provide: Age Height (feet & inches) Weight (lbs)

Note: For details on the front passenger's physical description, please refer to Section 2.

Record and photograph the passenger seat position measurement.

Seat track position: Forward Inches 2

Measure the moveable track position in relation to the stationary base of the track at the front. Is the track forward of, or back from the base?

Forward of Back from

Photograph the measurement.

Driver seat position and its distance to the IP: 10 Inches

NOTE: THE FOLLOWING TEST WILL NOT WORK IF THE DOWNLOAD IS TAKEN DIRECTLY FROM THE SDM. RECONNECT SDM TO VEHICLE HARNESS TO PERFORM THE TEST. Take photos for documentation.

Perform the following check for vehicles equipped with a passenger airbag status indicator. NOTE: For some vehicles the key must be in the "on", or "run" position to perform the check.

Observe the PASSENGER airbag status indicator. Is the passenger airbag system "ON"? Yes No

Sit in the passenger seat and observe the status indicator. Is the passenger airbag system "ON"? Yes No

Photograph the seat cover and cushion

Photograph any signs of the RF seat occupant contact with the I/P or other interior area.

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Customer's last name:	██████████	Inspection date:	09/07/2012
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Case #:	71-1100088780	VIN:	1G1PG5SC4C7██████████

AIRBAG LIGHT FUNCTIONAL TEST RESULTS:

Airbag warning light came "ON" with the ignition key, blinked several times and went "OUT"? Yes

Airbag warning light came "ON" with the ignition key, blinked several times and stayed "ON"? Yes

Describe any other results:

Turn on ignition, observe seat belt light. On? Yes No

Buckle driver's seat belt. Seat belt light on? Yes No

When sitting in the passenger seat, does the passenger seat belt warning light (if equipped), illuminate when the belt is not buckled and go "OFF" when it is buckled? Yes No

SDM Crash Data Collection:

Describe and photograph any evidence that the passenger compartment may have had moisture intrusion or the SDM has incurred any damage due to moisture/corrosion. Visually inspect the carpet and floor pan for moisture and the SDM electrical connector male and female ends for signs of corrosion. If the SDM is mounted under a seat, visually inspect for any foreign objects that could affect the airbag system operation and, if found, inspect the area very carefully. Photograph as needed.

If the vehicle is equipped with roll-over protection, download the ROS data after downloading the CDR data. (See ROS Coverage document to determine whether vehicle is supported, and/or observe the icons on the function bar on the CDR screen.) SUV-type vehicles may have roll-over protection. An "Airbag" name will be embossed on the trim at the A and possibly B pillars of the vehicle.

- NOTE:** Some vehicles do not require the ignition key to be in the ignition "on" position in order to download the data
- OBTAIN DERM/SDM DOWNLOADS FOR ALL INADVERTENT DEPLOYMENT ALLEGATIONS
 - IF POSSIBLE, AVOID CYCLING THE IGNITION KEY ON/OFF PRIOR TO OBTAINING THE DOWNLOAD
 - PHOTOS OF THE CDR SCREEN ARE REQUIRED TO SHOW ANY ERROR MESSAGES

NOTE: Save the raw CDR and ROS files and then save them as PDF type files. Submit all .CDRx and PDF files with report.

Was the CDR download available? Yes No

If "No", describe:

How was download obtained? ALDL / DLC Directly from module using adapter harness w/ Bosch CDR

If the download was obtained directly from the module, was the module removed from the vehicle? Yes No

If removed from the vehicle, describe/photograph the conditions under which the module was mounted when the download was obtained:

RESTRAINT SYSTEM INSPECTION (SEAT BELTS)

IF A COLLISION OCCURRED, THE SEAT BELTS SHOULD BE INSPECTED FOR SEAT BELT(S) POSITIONS OF ALL OCCUPANTS AT THE TIME OF COLLISION.

Location of inspected seatbelts:

<input checked="" type="checkbox"/> Driver	<input type="checkbox"/> Center front	<input checked="" type="checkbox"/> Passenger	<input type="checkbox"/> Third Row
<input checked="" type="checkbox"/> Driver's side rear	<input checked="" type="checkbox"/> Center rear	<input checked="" type="checkbox"/> Right rear	

Photograph: The overall belt assembly (both outboard positions, even if only the driver was present in the vehicle at the time of the incident). All visible components of the seat belt system and anchor points

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	09/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1100088780	VIN:	1G1PG5SC4C7██████████

If equipped, are the pretensioners activated / deployed? Yes No

NOTE: Answer the following questions for the driver's seat belt. If other seat belt positions are inspected, use the seat belt addendum to report inspection results. Identify and photograph the following items:

Is the driver's seatbelt fully retracted? Yes No

IF THE ANSWER IS NO, DO NOT DISTURB BELTS AT THIS TIME.

Secure webbing, measure length, and show measurement in a photo: Inches

If abnormalities are seen during the following, ensure you capture measurements and photos of the damage.

Does the webbing spool in and out freely (minimal effort)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	<input type="checkbox"/> Lap	<input checked="" type="checkbox"/> Shoulder
Marks, cuts or debris present on shoulder and lap belt webbing?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Webbing energy management loops (if equipped) - stitches pulled free, unfolded, replacement/warning label exposed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Tack stitch separated from plastic sleeve?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Webbing cut?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does guide loop assembly exhibit striations, bent, or deformed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does guide loop adjuster move up and down (if equipped)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the seat belt buckle latch and unlatch?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the seat belt return to the stowed position when unbuckled?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Buckle condition (worn or foreign material present)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Any components missing?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the seat belt return to the stowed position when unbuckled?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Any post-collision damage present (e.g. rescue workers)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is the seat belt webbing cut? (If yes, photograph and record length of pieces):	<input type="text"/> Inches	

NOTE: If there were occupants in other seating positions, inspect those seating positions and report the results on the seat belt addendum. Include it with your report.

If possible, perform a dynamic "panic stop" type test with the vehicle.

Do the retractors on the belts being inspected appear to lock and hold properly? Yes No

If **No**, describe:

If vehicle is not drivable, jerk each belt inspected rapidly. (Note: Some inertia activated retractors will not lock on this test.) Did the retractors lock? Yes No

If **No**, which belts do not lock/hold?

Additional comments?

Section 5 SITE INSPECTION

NOTE: In most instances a site inspection is not required on vehicles with no damage present (e.g. claimant says they hit a pot hole...)

Was a site inspection performed? Yes No

Comments?

Posted speed where the incident occurred? (mph)

SITE INSPECTION: PERFORM THE FOLLOWING IF ADDITIONAL INFORMATION MAY BE FOUND:

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	09/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1100088780	VIN:	1G1PG5SC4C7██████████

- If the customer can identify the incident scene and verify tire marks, gouges in the pavement, debris, or any police marks at the scene, measure location of the items and photograph.
- Identify evidence of whether the vehicle left the road prior to, during, or after the incident. Document all locations, distances, etc...
- Identify evidence & photograph any object struck by the vehicle on or off the road prior to, during, or after incident.
- Inspect roadway & shoulder surfaces in the area of the incident site for telltale signs of loss of control, excessive speed, severe braking, etc.

Photograph the scene and any property involved. Only factual comments should be entered in this section:

Section 6

COMMENT OVERFLOW

Please use this area for additional comments from the inspection form. Please note the section and area that the comments are continued from prior to each comment.

Section 7

OTHER REPORT INFORMATION

Check here if there was evidence of a "Fire-Related" event.

According to NHTSA, "fire" means combustion or burning of material in or from a vehicle as evidenced by flame. The term also includes, but is not limited to, thermal events and fire-related phenomena such as smoke, sparks or smoldering, but does not include events and phenomena associated with a normally functioning vehicle, such as combustion of fuel within an engine or exhaust from an engine.

Attachments: (Check all that apply)

X	Photographs	X	Data Downloads	X	Other Records
---	-------------	---	----------------	---	---------------



Training Support
<trainingsupport@trainingsupportadmin.com>

09/17/2012 03:49 PM

Please respond to
trainingsupport@trainingsupportadmin.com

To faith_jackson@gmexpert.com

cc

bcc

Subject Product Allegation Request 71-1100088780 has been Completed

Faith Jackson,

Your request for PAR File Number: 71-1100088780 has been completed.

PAR Investigator Assigned Date: 2012-09-06 10:06:13 PDT

PAR Investigation Completed Date: 2012-09-11 04:59:55 PDT

PAR Report Available Date: 2012-09-11 05:01:09 PDT

Please retrieve the Investigation details from the FTP site <https://ftp.raytr.com>

Thank you,
Raytheon Professional Services

Ref:MSG0345363



**Kellin
Babbs/Austin/GM1**

08/28/2012 01:47 PM

To michael.e.howard@gm.com

cc

bcc

Subject 71 1100667354 PAR Case Handled within BRC No
Action Required

A product allegation claim has been made in your district. The customer is alleging that they hit a dog and their airbags did not deploy.



2012 Chevrolet Sonic

1G1JD6SH5C4 

Jeff Wyler Eastgate, Inc. Batavia OH 112779

(513) 752-3447

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

Respectfully,
Kellin Babbs I CRS

Aditya Birla Minacs I inspired every day
7401 E. Ben White Blvd, Bldg. F, Austin, TX 78741
Phone: 866-790-5700 41026 I Fax: 866-311-2784 I www.minacs.adityabirla.com
Follow us on Twitter

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	1G1JD6SH5C4 [REDACTED]
User	M [REDACTED]
Case Number	71-1100667354
EDR Data Imaging Date	09/05/2012
Crash Date	08/21/2012
Filename	1G1JD6SH5C4 [REDACTED].ACM.CDRX
Saved on	Wednesday, September 5 2012 at 13:39:28
Collected with CDR version	Crash Data Retrieval Tool 6.0
Reported with CDR version	Crash Data Retrieval Tool 6.0
EDR Device Type	Airbag Control Module
Event(s) recovered	NONE

Comments

No comments entered.

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 Events, the SDM will record 220 milliseconds of data after the Deployment criteria is met and up to 70 milliseconds before the Deployment criteria is met. For Non-Deployment Events, the SDM will record the first 300 milliseconds of data after algorithm enable. Velocity Change data is displayed in SAE sign convention.

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 750 milliseconds of data before a calibrated angle threshold is reached. For Deployment Events, the SDM will record up to 490 milliseconds of data before the Deployment criteria is met and 250 milliseconds after the Deployment criteria is met. Vehicle Recorded Acceleration and Roll Rate data are displayed in SAE sign convention.

-Time Between Events is recorded at a 10 millisecond sample rate and is displayed in seconds for a maximum time of 655.33 seconds. The counter measures from the start of one event to the start of the next event, if both events occur within the same ignition cycle.

-The CDR tool displays time from Algorithm Enable (AE) to time of Deployment command in a Deployment event and AE to time of maximum SDM recorded vehicle velocity change in a Non-Deployment event. Time from AE begins when the first air bag system enable threshold is met and ends when Deployment command criteria is met or at maximum SDM recorded vehicle velocity change. Any air bag systems may be a source of a enable.

-Time From Algorithm Enable to Maximum SDM Recorded Vehicle Velocity Change is captured when the largest, absolute value of either the Longitudinal or Lateral Recorded Vehicle Velocity Change occurs. The Maximum may occur between the

- recorded 10 millisecond sample points.
- 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.
- 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.
- Algorithm Enable Counter tracks the number of times the sensing algorithm enabled (either Deployments, Non-deploy, or Rollover events) during the SDM's lifetime.
- The Algorithm Enable 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 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 to the SDM, by Body Control Module, via the vehicle's communication network.
- The Belt Switch Circuit is wired directly to the SDM.

01039_SDM10-conti_r010

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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Disclaimer of Liability

The users of the CDR product and reviewers of the CDR reports and exported data shall ensure that data and information supplied is applicable to the vehicle, vehicle's system(s) and the vehicle ECU. Robert Bosch LLC and all its directors, officers, employees and members shall not be liable for damages arising out of or related to incorrect, incomplete or misinterpreted software and/or data. Robert Bosch LLC expressly excludes all liability for incidental, consequential, special or punitive damages arising from or related to the CDR data, CDR software or use thereof.



71-1100667354 GM Product Allegation Investigation Request
Al Difalco to: Al Difalco

09/06/2012 09:50 AM

PAR Information Provided:

PAR Record Number:

Number : PAR0000877

Provided Information:

PAR File Number : 71-1100667354

Customer Information:

Customer First Name : [REDACTED]

Customer Last Name : [REDACTED]

[REDACTED]

Customer City : Peebles

Customer State : OH

Customer Zip Code : [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Vehicle Information:

VIN : 1G1JD6SH5C4 [REDACTED]

Vehicle Year : 2012

Vehicle Make : Chevrolet

Vehicle Model : Sonic

Vehicle Mileage : 29000

Vehicle Location Information:

Dealer/Salvage/Other : Dealer

POC Name : Rodney Gray

POC Phone : (513) 752-3447

POC Email :

Dealer BAC : 112779

Name of Business : Jeff Wyler Eastgate, Inc.

Vehicle Location Address : 1117 SR 32

Vehicle Location City : Batavia

Vehicle Location State : OH

Vehicle Location Zip Code : 45103

Customer Concerns:

Air Bag Deployment Concern - In a Collision : true

Air Bag Deployment Concern - No Collision : false

Accelerator/Throttle Concern : false

Brakes ABS Concern : false

Engine/Transmission/Drivetrain Concern : false

Fire/Thermal Event Concern : false

Restraint/SIR/Seats/Seatbelt Concern : false

Steering/Suspension/Tire/Wheels Concern : false

Water/Moisture/Odor Concern : false

Additional Information Concern : Customer hit a large lab (dog) and is alleging that the airbags should have deployed from the front end damage

CSR Information:

Requestor Name : Kellin Babbs

Requestor Email : kellin_babbs@gmexpert.com

Requestor Phone : (866) 790-5700 ext 41026

Requestor Fax : 8663112784

Ref:MSG0335780

**WOOD'S HIGHLAND CO. COLLISION
CENTER**

Workfile ID: 90e18cac
Federal ID: 31-1559658

96 TAYLOR CT, HILLSBORO, OH 45133
Phone: (937) 393-1800
FAX: (937) 393-1937

Preliminary Estimate

Customer: [REDACTED]

Job Number:

Adjuster: Team 3P ACC Proc 1

Insured: [REDACTED]
Type of Loss: COMP-Comprehensive
Point of Impact: 12 Front

Policy #: [REDACTED]
Date of Loss: 8/21/2012 12:00:00 AM

Claim #: [REDACTED]
Days to Repair: 4

Owner:
[REDACTED]
LYNCHBURG, OH [REDACTED]
[REDACTED]lar

Inspection Location:
[REDACTED]
Peebles, OH [REDACTED]
Other [REDACTED]

Insurance Company:
STATE FARM INSURANCE COMPANIES
BEDFORD HEIGHTS SERVICE CENTER
BEDFORD

VEHICLE

Year: 2012	Body Style: 4D H/B	VIN: 1G1JD6SH5C4 [REDACTED]	Mileage In: 30145
Make: CHEV	Engine: 4-1.8L-FI	License: FJQ3701	Mileage Out:
Model: SONIC LT	Production Date: 9/2011	State: OH	Vehicle Out:
Color: RED Int:	Condition:	Job #:	

TRANSMISSION

5 Speed Transmission
Traction Control

SEATS

Bucket Seats
Cloth Seats

STEERING

Power Steering
Tilt Wheel
Telescopic Wheel

BRAKES

Power Brakes

Anti-Lock Brakes (4)

GLASS

Tinted Glass
Rear Defogger
Power Windows
Rear Window Wiper

WHEELS

Aluminum/Alloy Wheels

RADIO

AM Radio
FM Radio
Stereo

Search/Seek

Equalizer
CD Player

INTERIOR

Power Locks
Air Conditioning
Driver Air Bag
Passenger Air Bag
Front Side Impact Air Bags
Rear Side Impact Air Bags
Digital Clock
Intermittent Wipers

EXTERIOR

Power Mirrors
Dual Mirrors
Spoiler
Alarm
Fog Lamps
Keyless Entry
PAINT
Clear Coat Paint

Preliminary Estimate

Customer: [REDACTED]

Job Number:

Vehicle: 2012 CHEV SONIC LT 4D H/B 4-1.8L-FI RED

Line	Oper	Description	Part Number	Qty	Extended Price \$	Labor	Paint
1		FRONT BUMPER & GRILLE					
2		O/H front bumper				2.7	
3	Repl	Bumper cover	95229055	1	290.00	Incl.	2.6
4		Add for Clear Coat					1.0
5	Repl	License bracket	95939549	1	12.61	0.2	
6	Repl	RT Trim cover w/fog lamps	95231071	1	22.43	Incl.	
7	Repl	Lower grille	95227395	1	90.00	Incl.	
8	Repl	Upper grille	95215846	1	90.00	Incl.	
9	Repl	Absorber	96694740	1	32.00	Incl.	
10	Repl	Lower impact bar (UHS)	96696249	1	178.00	0.3	
11	Repl	Upper bracket	95026539	1	24.66	0.2	
12	Repl	Lower deflector	96694779	1	78.63	Incl.	
13		FRONT LAMPS					
14	R&I	RT Headlamp assy	96830972			Incl.	
15	R&I	LT Headlamp assy	96830971			Incl.	
16	Repl	Aim headlamps		1		0.5	
17	Repl	RT Fog lamp assy	96830994	1	65.00	Incl.	
18		COOLING					
19	Repl	Radiator manual trans	95022259	1	230.98 m	2.7	
20	Repl	Fan shroud	95018591	1	117.12 m	0.3	
21	Repl	Lower baffle	95961450	1	37.56	Incl.	
22	Repl	Baffle plate	95465736	1	157.70	Incl.	
23		AIR CONDITIONER & HEATER					
24	Repl	Condenser 1.8 liter	96945773	1	292.00 m	Incl.	
25		Evacuate & recharge				m 1.4 M	
26		Refrigerant recovery				m 0.4 M	
27		FENDER					
28	*	Rpr RT Rail extrn (HSS) NOTE: AFTER PULL	96901430			1.0	0.3
29	*	Rpr LT Rail extrn (HSS) NOTE: AFTER PULL	96901429			0.5	0.3
30	#	Rpr UNIBODY REPAIR				1.0 F	
31	#	Repl TWO WHEEL ALIGNMENT NOTE: OWNER SAID IT WAS NOT DRIVING CORRECTLY AND MAKING A NOISE		1	49.95 T		
32	#	COOLANT		1	12.00 T		
33	#	CAR COVER		1	5.00 T		
34	#	HAZARDOUS WASTE MATERIALS		1	3.00 T		
SUBTOTALS					1,788.64	11.2	4.2

NOTES

Estimate Notes:
ALTERNATE PARTS N/A FOR THIS VEHICLE

Preliminary Estimate

Customer: BUTTS, RACHEL

Job Number:

Vehicle: 2012 CHEV SONIC LT 4D H/B 4-1.8L-FI RED

I DEEMED VEHICLE NOT DRIVABLE FAN SHROUD BROKEN MAKING NOISE, AND SHIELDS HANGING RUBBING

Prior Damage Notes:
windshield had a crack in it

ESTIMATE TOTALS

Category	Basis	Rate	Cost \$
Parts			1,718.69
Body Labor	8.4 hrs @	\$ 44.00 /hr	369.60
Paint Labor	4.2 hrs @	\$ 44.00 /hr	184.80
Mechanical Labor	1.8 hrs @	\$ 57.00 /hr	102.60
Frame Labor	1.0 hrs @	\$ 48.00 /hr	48.00
Paint Supplies	4.2 hrs @	\$ 26.00 /hr	109.20
Miscellaneous			69.95
Subtotal			2,602.84
Sales Tax	\$ 2,602.84 @	7.0000 %	182.20
Grand Total			2,785.04
Deductible			500.00
CUSTOMER PAY			500.00
INSURANCE PAY			2,285.04

I acknowledge and approve of this estimate & understand the paragraphs above, below and on following pages.

Signature

X _____ Date _____

Any person who, with intent to defraud or knowing that he is facilitating a fraud against an insurer, submits an application or files a claim containing a false or deceptive statement is guilty of insurance fraud.



**Kellin
Babbs/Austin/GM1**

09/14/2012 03:08 PM

To Brent.palmer@gm.com

cc michael.e.howard@gm.com

bcc

Subject 71 1100667354 PAR Recommended Denial BRM
Approval Required

A recent product allegation claim was made in your region. The customer alleged that they were driving when a dog hit their vehicle and had their airbags not deploy.



2012 Chevrolet Sonic

1G1JD6SH5C4

Jeff Wyler Eastgate, Inc. Batavia OH 112779

(513) 752-3447

PAR is recommending a denial to resolve the customer's claim in which that the customer had already had the repair before the inspection took place. Also, there was not enough crash data. The SDR did not record the event leading me to believe that the crash did not meet the criteria or the impact zone. Please respond with your approval. Once we receive it, the decision will be relayed to the customer and the involved dealership.

Respectfully,
Kellin Babbs I CRS

Aditya Birla Minacs I inspired every day
7401 E. Ben White Blvd, Bldg. F, Austin, TX 78741
Phone: 866-790-5700 41026 I Fax: 866-311-2784 I www.minacs.adityabirla.com
Follow us on Twitter

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	09/05/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Sonic
File Case #:	71-1100667354	VIN:	1G1JD6SH5C4██████████

Inspector (First & Last Name) : Marty Depowski

Number of Photos: 21

Section 1. Description

Photo #	Description Only	Damage (Yes/No)
71-1100667354-1	Vin Plate 1G1JD6SH5C4██████████	No
71-1100667354-2	Door Plate (GVWR)	No
71-1100667354-3	Tire Plate	No
71-1100667354-4	IP Cluster / Odometer 31,112 Miles	No
71-1100667354-5	Front (Exterior)	No
71-1100667354-6	Passenger's Side (Exterior)	No
71-1100667354-7	Rear (Exterior)	No
71-1100667354-8	Driver's Side (Exterior)	No
71-1100667354-9	Under Hood	No
71-1100667354-10	Driver's Side (Interior)	No
71-1100667354-11	Passenger's Side (Interior)	No
71-1100667354-12	Rear (Interior)	No
71-1100667354-13	Trunk/Hatch/Cargo Area	No
71-1100667354-14	Underbody - Center Front With Coolant Spillage on Exhaust	No
71-1100667354-15	Underbody - Left Front	No
71-1100667354-16	Underbody - Right Front	No
71-1100667354-17	Underbody - Rear	No
71-1100667354-18	Left Front Bumper Cover Damage	Yes
71-1100667354-19	Right Front Bumper Cover Damage	Yes
71-1100667354-20	Coolant Spillage on Fan Shroud	No
71-1100667354-21	Cracked Windshield	Yes

Section 2.

Description and Photos

		Inspection Date:	09/05/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Sonic
File Case #:	71-1100667354	VIN:	1G1JD6SH5C4

Photo #	Description / Photo	Damage (Yes/No)
71-1100667354-1	Vin Plate 1G1JD6SH5C4 	No
71-1100667354-2	Door Plate (GVWR) 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	09/05/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Sonic
File Case #:	71-1100667354	VIN:	1G1JD6SH5C4██████████

Photo #	Description / Photo	Damage (Yes/No)												
71-1100667354-3	<p>Tire Plate</p>  <table border="1" data-bbox="488 548 1052 793"> <thead> <tr> <th>TIRE</th> <th>ORIGINAL SIZE</th> <th>COLD TIRE PRESSURE</th> </tr> </thead> <tbody> <tr> <td>FRONT</td> <td>P205/55R16 H</td> <td>240 kPa, 35 PSI</td> </tr> <tr> <td>REAR</td> <td>P205/55R16 H</td> <td>240 kPa, 35 PSI</td> </tr> <tr> <td>SPARE</td> <td>T115/70R16 M</td> <td>420 kPa, 60 PSI</td> </tr> </tbody> </table>	TIRE	ORIGINAL SIZE	COLD TIRE PRESSURE	FRONT	P205/55R16 H	240 kPa, 35 PSI	REAR	P205/55R16 H	240 kPa, 35 PSI	SPARE	T115/70R16 M	420 kPa, 60 PSI	No
TIRE	ORIGINAL SIZE	COLD TIRE PRESSURE												
FRONT	P205/55R16 H	240 kPa, 35 PSI												
REAR	P205/55R16 H	240 kPa, 35 PSI												
SPARE	T115/70R16 M	420 kPa, 60 PSI												
71-1100667354-4	<p>IP Cluster / Odometer 31,112 Miles</p> 	No												

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	09/05/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Sonic
File Case #:	71-1100667354	VIN:	1G1JD6SH5C4██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
71-1100667354-5	Front (Exterior) 	No
71-1100667354-6	Passenger's Side (Exterior) 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	09/05/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Sonic
File Case #:	71-1100667354	VIN:	1G1JD6SH5C4██████████

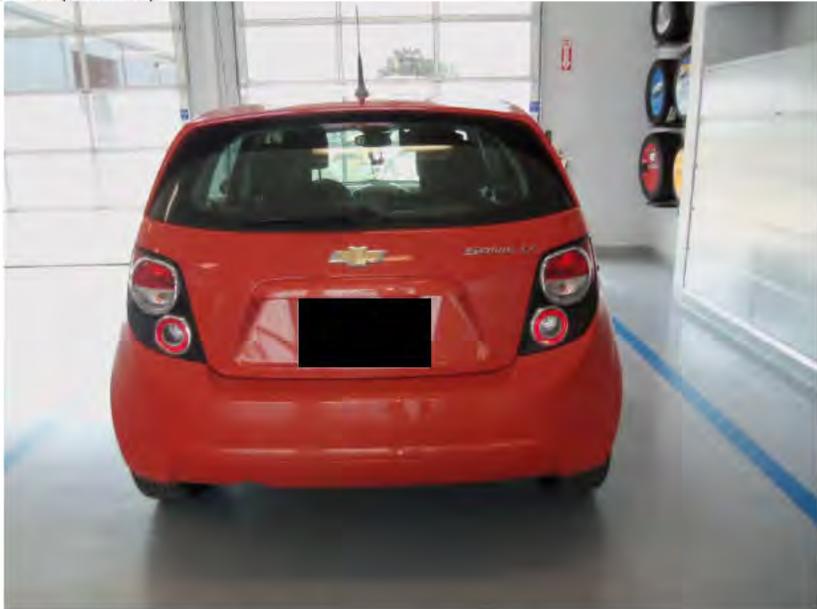
Photo #	Description / Photo	Damage (Yes/No)
71-1100667354-7	Rear (Exterior) 	No
71-1100667354-8	Driver's Side (Exterior) 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	09/05/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Sonic
File Case #:	71-1100667354	VIN:	1G1JD6SH5C4██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1100667354-9	<p>Under Hood</p> 	No
71-1100667354-10	<p>Driver's Side (Interior)</p> 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	09/05/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Sonic
File Case #:	71-1100667354	VIN:	1G1JD6SH5C4██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1100667354-11	Passenger's Side (Interior) 	No
71-1100667354-12	Rear (Interior) 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	09/05/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Sonic
File Case #:	71-1100667354	VIN:	1G1JD6SH5C4██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
71-1100667354-13	Trunk/Hatch/Cargo Area 	No
71-1100667354-14	Underbody - Center Front With Coolant Spillage on Exhaust 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	09/05/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Sonic
File Case #:	71-1100667354	VIN:	1G1JD6SH5C4██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
71-1100667354-15	Underbody - Left Front 	No
71-1100667354-16	Underbody - Right Front 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	09/05/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Sonic
File Case #:	71-1100667354	VIN:	1G1JD6SH5C4██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1100667354-17	Underbody - Rear 	No
71-1100667354-18	Left Front Bumper Cover Damage 	Yes

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	09/05/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Sonic
File Case #:	71-1100667354	VIN:	1G1JD6SH5C4██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1100667354-19	Right Front Bumper Cover Damage 	Yes
71-1100667354-20	Coolant Spillage on Fan Shroud 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	09/05/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Sonic
File Case #:	71-1100667354	VIN:	1G1JD6SH5C4██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
71-1100667354-21	Cracked Windshield 	Yes

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:		Inspection date:	09/05/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
Case #:	71-1100667354	VIN:	1G1JD6SH5C

Mileage at inspection:	31,112	Inspection location: Jeff Wyler Chevrolet
Inspected by:	Marty Depowski	Address: 1117 S.R. 32, Batavia, OH 45103
Inspector's phone number:	248-687-4341	

Was a dealer technician used? Yes No

If Yes, number of hours?

If possible, document the RO number:

Maximum vehicle speed taken from CDR report:

Did CDR detect a rollover event? Yes No

Number of photos

Number of DTC's

Section 1

INSPECTION SUMMARY

Provide driver/claimant's complete description of incident. Do not paraphrase the customer's words. This is a very important section of the report:

The interviewee stated that the claimant was driving car on a country road and struck a full size Labrador Retriever while travelling at approximately 55 mph. Also, the interviewee expressed concern that the airbags did not deploy considering the amount of damage sustained to the vehicle. Lastly, the interviewee expressed dissatisfaction with worn front end bushings, a stress crack in the windshield, and the past experience of service received at hosting dealership.

NOTE: FOR ALLEGATIONS OF AN INADVERTENT DEPLOYMENT WITH NO COLLISION, COMPLETE THE INADVERTENT AIRBAG DEPLOYMENT INSPECTION FORM.

<input type="checkbox"/>	Non-deployment (the airbag did not deploy and the claimant states that it should have)		
<input checked="" type="checkbox"/>	Front	<input type="checkbox"/> Side	<input type="checkbox"/> Other

<input type="checkbox"/>	Inadvertent deployment with a collision, (the claimant states that the airbag deployed when it should not have)		
<input type="checkbox"/>	Front	<input type="checkbox"/> Side	<input type="checkbox"/> Other

<input type="checkbox"/>	Improper deployment (e.g. the claimant states that the airbag deployed late or only partially)		
<input type="checkbox"/>	Front	<input type="checkbox"/> Side	<input type="checkbox"/> Other

<input type="checkbox"/>	Deployment-induced injury in a collision (the claimant states the deployment of the airbag caused an injury)		
--------------------------	--	--	--

<input type="checkbox"/>	Other Describe:		
--------------------------	-----------------	--	--

<input type="checkbox"/>	None: seat belt - related allegation only		
--------------------------	---	--	--

Describe the seat belt related allegation below:

<input type="checkbox"/>	Non-activation (the claimant states that the seat belt did not restrain an occupant and it should have)		
<input type="checkbox"/>	Induced injury (the claimant states the seat belt system caused an injury)		
<input type="checkbox"/>	Other Describe:		
<input checked="" type="checkbox"/>	None: SIR - related allegation only		

Driver seatbelt pretensioner deployed? Yes No

Passenger seatbelt pretensioner deployed? Yes No

Following the inspection, summarize the facts and observations:

- Collision damage had been repaired prior to inspection.
- Pretensioners were not deployed and SIR was not replaced per Woods Collision.
- Left and right sides of front bumper cover damaged. (Photos 71-1100667354-18 and 71-1100667354-19)
- Strong smell of engine coolant was evident at front of vehicle with spillage on front exhaust pipe (Photo 71-1100667354-14) and radiator fan shroud. (Photo 71-1100667354-20)
- Crack in right side of windshield. (Photo 71-1100667354-21)

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:			
		Year/Model:	2012 Sonic
Case #:	71-1100667354	VIN:	1G1JD6SH5C4

Section 2 INTERVIEW – INCIDENT DETAILS

Interviewee name:	Seth O'Bryant
Address:	2026 Mayhill Rd., Peebles, OH 45660
Phone number:	(937) 217-4692
Date of interview:	09/03/2012
Interview mode: (Telephone or in person)	Telephone

Police report? Yes No
 Fire report? Yes No

Driver's Physical Description

Name:	
Gender:	Female
Height:	5' 3"
Weight:	165-170
Disabilities:	None

Driver's Trip Information

Hours	Minutes	Distance	Driver's Estimated Speed
	40	Unknown per interviewee	55

Exact incident location: 4477 Anderson Rd., Hillsboro, OH	Exact incident date & time: 08/21/2012 btwn. 7-7:30 p.m.
Weather condition & visibility: Clear	Approximate temp (°F): 80-85

Was there a collision? Yes No

Were there any other occupants in the vehicle at the time of the incident? Yes No

Occupant's Information (If Applicable)

Name:	
Gender:	
Height:	
Weight:	
Age:	

Name:	
Gender:	
Height:	
Weight:	
Age:	

Where were the other occupants seated?

Front Row:	<input type="checkbox"/> Right Front	<input type="checkbox"/> Front Center		
Second Row:	<input type="checkbox"/> Right Rear	<input type="checkbox"/> Center	<input type="checkbox"/> Left Rear	
Third Row:	<input type="checkbox"/> Right Rear	<input type="checkbox"/> Center	<input type="checkbox"/> Left Rear	

If the vehicle is a truck or a car trailering cargo at the time of the incident, estimate total weight of cargo and trailer	
Load description:	(lbs)

Any objects in the road? Yes No

If yes, describe: Vehicle struck a dog

Did vehicle leave the roadway? Yes No

If yes, what was impacted?

Was there any evasive action? Turning Braking Accelerating Other:

Road Surface:	<input type="checkbox"/> Concrete	<input checked="" type="checkbox"/> Asphalt	<input type="checkbox"/> Gravel	<input type="checkbox"/> Crushed Rock	<input type="checkbox"/> Dirt
Road Condition:	<input checked="" type="checkbox"/> Dry	<input type="checkbox"/> Wet	<input type="checkbox"/> Icy	<input type="checkbox"/> Other:	<input type="checkbox"/> Dirt
Shoulder/Curb Condition:	<input checked="" type="checkbox"/> Dry	<input type="checkbox"/> Wet	<input type="checkbox"/> Icy	<input type="checkbox"/> Other:	<input type="checkbox"/> Dirt
Select One---->	<input checked="" type="checkbox"/> Shoulder	<input type="checkbox"/> Curb			

Any unusual noises (bang, pop, tick, grinding, metallic, roar, etc.)? Yes No

R006 Restraint			
		Inspection date:	09/05/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
Case #:	71-1100667354	VIN:	1G1JD6SH5C4

If Yes, from where?

Prior to or after the incident, were there any warning lights on, or messages displayed on the Driver's Information Center?

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
------------------------------	--

If Yes, what indicator?

Has this condition been observed prior to this incident?

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
------------------------------	--

If yes, how often?

Was the repair facility contacted regarding this concern?

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
---	-----------------------------

Is an invoice for the repair available?

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
---	-----------------------------

If Yes, what was the outcome?

Additional comments concerning the incident: Interviewee stated he was, "not happy" with dealership.

Section 3

VEHICLE HISTORY

---Obtain information for this section from Driver / Claimant---

If any information for this section is obtained from anyone other than the claimant, provide the name, address, phone number and relationship, if any, to the claimant

Name:	<input type="text"/>
Address:	<input type="text" value="Peebles, OH"/>
Phone number:	<input type="text"/>
Relationship to claimant:	<input type="text" value="Fiance"/>

Did the owner purchase the vehicle new? Yes No

If yes, date of purchase?

If purchased used, provide the name, address of the seller and data of purchase:

Name:	<input type="text"/>
Address:	<input type="text"/>
Date of purchase:	<input type="text"/>

VEHICLE REPAIR / SERVICE HISTORY

If the answer is "Yes" to any of the following three questions, describe the repairs. Obtain copies of the repair order(s) if possible, and document the name of the service facility, its address, and telephone number.

Any repairs outside of warranty? Yes No

If yes, provide dates, descriptions of the repair(s) and repair invoices if possible:

Date	Repair Description / By Whom?
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

Prior electrical system service? Yes No

If yes, provide the following:

Date	Description
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

Prior collision repair? Yes No

If yes, provide the following:

Date	Description
08/22/12	Collision damage related to incident repaired at Wood's Collision. (937) 393-1800. Documents included with report.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:		Inspection date:	09/05/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
Case #:	71-1100667354	VIN:	1G1JD6SH5C4

Prior SIR and/or seat belt service, repair, or replacement? Yes No

If yes, provide the following:

Date	Description
03/08/2012	Driver airbag inspection performed under warranty at Jeff Wyler Chevrolet

VEHICLE MODIFICATIONS / ALTERATIONS

Ask if there are any vehicle modifications or alterations present, and has any after-market equipment been installed? Remember that if the vehicle has been pre-owned, the current owner may not know of any/all changes to the vehicle.

<input type="checkbox"/> Remote Start	<input type="checkbox"/> Suspension	<input type="checkbox"/> Tires/Wheels	<input type="checkbox"/> Turbo	<input type="checkbox"/> Aftermarket Exhaust
<input type="checkbox"/> Body Modifications	<input type="checkbox"/> Towing Equip.	<input type="checkbox"/> Security Alarm	<input type="checkbox"/> Wiring	<input type="checkbox"/> Headers
<input type="checkbox"/> Unknown				

If yes, describe component, who installed it, and capture photos:

Other vehicle history information from interview, GM Warranty, or Dealership history files? Yes No

If Yes, describe & make copies: GWM included with report.

Section 4

VEHICLE / SYSTEM INSPECTION

---Note---

Do Not "Clear Codes" from any on board module(s)

Use the scan tool to capture all diagnostic trouble codes (current or history), and photograph the screens (if a scan tool was used).

DTC	Symptom	Description	Current	History
	No DTC's			

SDM Crash Data Collection:

Describe and photograph any evidence that the passenger compartment may have had moisture intrusion or the SDM has incurred any damage due to moisture/corrosion. Visually inspect the carpet and floor pan for moisture and the SDM electrical connector male and female ends for signs of corrosion. If the SDM is mounted under a seat, visually inspect for any foreign objects that could affect the airbag system operation and, if found, inspect the area very carefully. Photograph as needed.

If the vehicle is equipped with roll-over protection, download the ROS data after downloading the CDR data. (See ROS Coverage document to determine whether vehicle is supported, and/or observe the icons on the function bar on the CDR screen.) SUV-type vehicles may have roll-over protection. An "Airbag" name will be embossed on the trim at the A and possibly B pillars of the vehicle.

NOTE: Some vehicles do not require the ignition key to be in the ignition "on" position in order to download the data

- OBTAIN DERM/SDM DOWNLOADS FOR ALL INADVERTENT DEPLOYMENT ALLEGATIONS
- IF POSSIBLE, AVOID CYCLING THE IGNITION KEY ON/OFF PRIOR TO OBTAINING THE DOWNLOAD
- PHOTOS OF THE CDR SCREEN ARE REQUIRED TO SHOW ANY ERROR MESSAGES

NOTE: Save the raw CDR and ROS files, and then a PDF files. Submit all files with report.

Was the CDR download available? Yes No

If "No", describe:

How was download obtained? ALDL / DLC Directly from module using adapter harness w/ Bosch CDR

If the download was obtained directly from the module, was the module removed from the vehicle? Yes No

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	09/05/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
Case #:	71-1100667354	VIN:	1G1JD6SH5C4██████████

If removed from the vehicle, describe and photograph the conditions under which the module was mounted when the download was obtained:

FRONT AREA: Describe any damage to the front of the vehicle. Observe and photograph whether the hood is opened, if it contacted or penetrated the windshield, and the location of the contact.

Left and right sides of front bumper cover damaged. (Photos 71-1100667354-18 and 71-1100667354-19)

LEFT SIDE EXTERIOR: Describe any damage to the door(s) and other body panels. Determine whether any door opened as a result of the impact. If so, photograph the latch, striker and the hinges.

No Damage

RIGHT SIDE EXTERIOR: Describe any damage to the door(s) and other body panels. Determine whether any door opened as a result of the impact. If so, photograph the latch, striker and the hinges.

No Damage

REAR AREA: Describe any damage to the rear of the vehicle. Observe and photograph whether the deck lid or rear hatch opened and note if the spare tire separated from the vehicle.

No Damage

ROOF / ROOF STRUCTURE: Describe any damage to the roof of the vehicle. Note if any convertible tops or removable roof panels did not remain attached, and photograph the latches.

No Damage

UNDERBODY / FRAME / CHASSIS AREA: The underbody should be carefully inspected and any damage to the underside of the vehicle completely described. Note the condition of the bumpers, frame, suspension, tires, wheels, & engine mount(s)/cross member. Briefly describe any damage or signs of impact to areas of the underbody and provide photos in the photo log.

No Damage. Repairs completed prior to investigation.

SIDE IMPACT INSPECTION

Identify and photograph the following items:

1. Door hinges on struck side damaged?
2. Door hinges on struck side separated?
3. Damage to striker/latch system?
4. Any rubber or paint transferred to the subject vehicle?

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	09/05/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
Case #:	71-1100667354	VIN:	1G1JD6SH5C4██████████

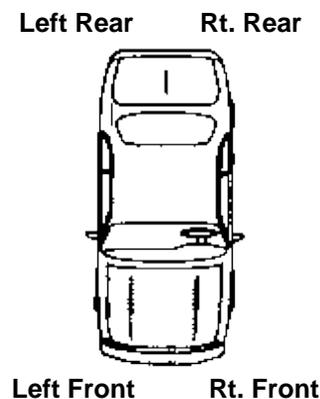
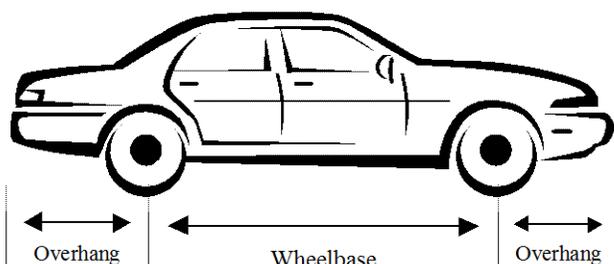
5. Damage from extrication tools (Jaws of Life)?
6. Separation of sheet metal along weld seams (doors, rocker panels, etc...)?
7. Side door beam damaged? (Photos if possible)
8. Side beam welds separated? (Photos if possible)
9. Interior door trim damaged?
10. Interior roof trim damaged near door opening?

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No

Identify and photograph the following (note the "non-struck" items):

1. Hinges on "non-struck" side
2. Latch/striker on "non-struck" side
3. Door trim on "non-struck" side
4. Headliner / roof trim on "non-struck" side
5. Overhead view (if possible)
6. Underbody, front & rear suspension
7. Striking vehicle
8. Any other vehicles involved

STRUCTURAL DEFORMATION/CRUSH AREAS



Please check all that apply:

Type of impact(s)? Frontal Side Rear Rollover Other: Damage repaired prior to inspection.

The following dimensions should be obtained as they are important in determining the magnitude of the impact to the vehicle. See diagram for definitions of overhang. Do not report "No Change" in this section.

All values in inches:

Driver side wheelbase	<input type="text"/>	Passenger side wheelbase	<input type="text"/>
Driver side front overhang	<input type="text"/>	Passenger side front overhang	<input type="text"/>
Driver side rear overhang	<input type="text"/>	Passenger side rear overhang	<input type="text"/>

Maximum depth of crush (Inches):	<input type="text"/>	Front	<input type="text"/>	Driver's side
	<input type="text"/>	Rear	<input type="text"/>	Passenger's side
	<input type="text"/>	Roof	<input type="text"/>	

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	09/05/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
Case #:	71-1100667354	VIN:	1G1JD6SH5C4██████████

Additional comments regarding exterior damage:

Damaged repaired prior to investigation.

PRIOR DAMAGE
Document and photograph any damage that appears to have been present prior to this incident:

Left and right sides of front bumper cover damaged. (Photos 71-1100667354-18 and 19;
Crack in right side of windshield. (Photo 71-1100667354-21)...

Does customer allege non-deployment of side airbags or roof rail airbags?

 Yes

 No

NOTE: Complete the following if the customer allegation involves NON DEPLOYMENT of the side impact airbags or roof rail airbags. Otherwise leave the remaining portion of section blank. Identify and photograph the following items:

Door hinges on struck side damaged?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Door hinges on struck side separated?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Damage to striker/latch system?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Any rubber or paint transferred to the subject vehicle?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Damage from extrication tools (e.g. jaws of life)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Separation of sheet metal along weld seams (doors, rocker panels, etc...)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Side door beam damaged? (Photos if possible)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Side beam welds separated (Photos if possible)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Interior door trim damaged?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Interior roof trim damaged near door opening?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

Additional comments:**Photograph the following:**

Hinges on non-struck side

Overhead view (if possible)

Latch/striker on non-struck side

Door trim on non-struck side

Underbody, front & rear suspension

Headliner / roof trim on non-struck side

Striking vehicle (If available)

Any other vehicles involved (if possible)

INTERIOR INSPECTION (Photograph the side view of the steering wheel and column, the interior, and deployed airbags)

Interior reduced in size?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Where:
Intrusion by an external object?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Loose objects inside?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Cowl deformed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Floorpan / Toe pan deformed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Headliner / visors damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Inside rear-view mirror damaged	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Door trim damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Steering column displaced?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Steering column capsule bracket displaced?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Control knobs/ levers damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Accelerator/brake pedals deformed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Instrument panel damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Lower IP/Kneel bolster damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:

If any of the following are "Yes", capture photographs

Driver front airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger front airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Driver side airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger side airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Driver roof rail airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	09/05/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
Case #:	71-1100667354	VIN:	1G1JD6SH5C4██████████

Passenger roof rail airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Other? (pretensioners, etc.)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Other:

Windshield (W/S) damaged?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No		
If Yes?	<input checked="" type="checkbox"/>	Cracked	<input type="checkbox"/>	Broken (Top inner layer)	<input type="checkbox"/>	Damaged by occupant contact
W/S separated from vehicle?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	% (Approx.) Approximate % of perimeter separation

Steering wheel damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If Yes:	<input type="checkbox"/>	Rim	<input type="checkbox"/>	Hub

If yes, describe?

If applicable, indicate the "clock" position of damage to the steering wheel: o'clock**(NOTE: The top of the steering wheel assembly is 12 o'clock, regardless if the wheel itself is turned.)**

Tilt steering wheel?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No		
If yes, position?	<input type="checkbox"/>	Low	<input checked="" type="checkbox"/>	Med	<input type="checkbox"/>	High

Telescoping steering wheel?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No		
If yes, position?	<input type="checkbox"/>	Forward	<input type="checkbox"/>	Middle	<input type="checkbox"/>	Rearward

IF THERE WERE ANY TRANSFER MARKS PRESENT ON THE STEERING WHEEL, PHOTOGRAPH THEMWere transfer marks present (clothing, makeup, etc.)? No Yes

If yes, describe?

If the SDM is located under a seat, **visually** inspect for foreign objects and water intrusion that could damage the module or its wiring.

If any exist, remove the seat and conduct a more extensive examination of the area. Describe findings and photograph.

Any signs of water intrusion? Yes No

If yes, describe:

SEAT INSPECTION (Photograph damaged areas)Type of front seat? Bucket Bench 50/50 Split Bench 60/40 Split Bench**DRIVER'S SEAT INFORMATION**

Seat damage?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No		
If Yes, location?	<input type="checkbox"/>	Seat bottom	<input type="checkbox"/>	Backrest	<input type="checkbox"/>	Headrest
Seatback struck by rear occupant?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No		

If yes, describe:

RIGHT FRONT PASSENGER SEAT INFORMATION

Seat damage?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No		
If Yes, location?	<input type="checkbox"/>	Seat bottom	<input type="checkbox"/>	Backrest	<input type="checkbox"/>	Headrest
Seatback struck by rear occupant?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No		

If yes, describe:

Additional info regarding seat damage (Front or rear):

WINDOW INSPECTIONNote all window conditions: No window damage.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:		Inspection date:	09/05/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
Case #:	71-1100667354	VIN:	1G1JD6SH5C4

RESTRAINT SYSTEM INSPECTION

Note: Do not "Clear Codes" from the on-board computer(s)

If equipped, are the pretensioners activated / deployed? Yes No

"Alleged", SIR Unit(s):

<input checked="" type="checkbox"/> Driver front	<input checked="" type="checkbox"/> Passenger front	<input type="checkbox"/> Driver side (door/seat)	<input type="checkbox"/> Passenger side (door/seat)
<input type="checkbox"/> Driver knee bag	<input type="checkbox"/> Passenger knee bag	<input type="checkbox"/> Roof rail airbag(s)	<input type="checkbox"/> Other:
<input type="checkbox"/> Driver Pretensioner	<input type="checkbox"/> Passenger Pretensioner		

Actual Deployed SIR(s):

<input type="checkbox"/> Driver front	<input type="checkbox"/> Passenger front	<input type="checkbox"/> Driver side (door/seat)	<input type="checkbox"/> Passenger side (door /seat)
<input type="checkbox"/> Driver knee bag	<input type="checkbox"/> Passenger knee bag	<input type="checkbox"/> Roof rail airbag(s)	<input type="checkbox"/> Other:
<input type="checkbox"/> Driver Pretensioner	<input type="checkbox"/> Passenger Pretensioner		

INSPECT SIR WIRING and SENSORS (IF VISIBLE)

SIR wiring damaged?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
SIR sensors damaged / disconnected?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:

If any airbag(s) deployed was it the:

Driver front airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:

Passenger front airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:

Driver side airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:

Passenger side airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:

Roof rail airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:

ALLEGATION THAT FRONT PASSENGER AIRBAG "DID NOT DEPLOY" IN A COLLISION

Complete this section if the customer alleges the FRONT PASSENGER airbag did not deploy in a collision. (Effective with the MY2007 NHTSA required all vehicles to be equipped with a Passenger Presence System.) Many vehicles were equipped with this feature prior to MY2007. Check the owner's manual and labels in the vehicle. The following information may be useful in evaluating those concerns.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	09/05/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
Case #:	71-1100667354	VIN:	1G1JD6SH5C4██████████

If transfer marks are present, please provide: Age Height (feet & inches) Weight (lbs)

Note: For details on the front passenger's physical description, please refer to Section 2.

Record and photograph the passenger seat position measurement.

Seat track position: Inches

Measure the moveable track position in relation to the stationary base of the track at the front. Is the track forward of, or back from the base?

<input type="text"/>	Forward of	<input type="text"/>	Back from
----------------------	------------	----------------------	-----------

Photograph the measurement.

Driver seat position and its distance to the IP: Inches

NOTE: THE FOLLOWING TEST WILL NOT WORK IF THE DOWNLOAD IS TAKEN DIRECTLY FROM THE SDM. RECONNECT SDM TO VEHICLE HARNESS TO PERFORM THE TEST. Take photos for documentation.

Perform the following check for vehicles equipped with a passenger airbag status indicator. NOTE: For some vehicles the key must be in the "on", or "run" position to perform the check.

Observe the PASSENGER airbag status indicator. Is the passenger airbag system "ON"? Yes No

Sit in the passenger seat and observe the status indicator. Is the passenger airbag system "ON"? Yes No

Photograph the seat cover and cushion

Photograph any signs of the RF seat occupant contact with the I/P or other interior area.

AIRBAG LIGHT FUNCTIONAL TEST RESULTS:

Airbag warning light came "ON" with the ignition key, blinked several times and went "OUT"? Yes No

Airbag warning light came "ON" with the ignition key, blinked several times and stayed "ON"? Yes No

Describe any other results:

Turn on ignition, observe seat belt light. On? Yes No

Buckle driver's seat belt. Seat belt light on? Yes No

When sitting in the passenger seat, does the passenger seat belt warning light (if equipped), illuminate when the belt is not buckled and go "OFF" when it is buckled? Yes No

SDM Crash Data Collection:

Describe and photograph any evidence that the passenger compartment may have had moisture intrusion or the SDM has incurred any damage due to moisture/corrosion. Visually inspect the carpet and floor pan for moisture and the SDM electrical connector male and female ends for signs of corrosion. If the SDM is mounted under a seat, visually inspect for any foreign objects that could affect the airbag system operation and, if found, inspect the area very carefully. Photograph as needed.

If the vehicle is equipped with roll-over protection, download the ROS data after downloading the CDR data. (See ROS Coverage document to determine whether vehicle is supported, and/or observe the icons on the function bar on the CDR screen.) SUV-type vehicles may have roll-over protection. An "Airbag" name will be embossed on the trim at the A and possibly B pillars of the vehicle.

NOTE: Some vehicles do not require the ignition key to be in the ignition "on" position in order to download the data

- OBTAIN SDM DOWNLOADS FOR ALL INADVERTENT DEPLOYMENT ALLEGATIONS
- IF POSSIBLE, AVOID CYCLING THE IGNITION KEY ON/OFF PRIOR TO OBTAINING THE DOWNLOAD
- PHOTOS OF THE CDR SCREEN ARE REQUIRED TO SHOW ANY ERROR MESSAGES

NOTE: Save the raw CDR and ROS files and then save them as PDF type files. Submit all .CDRx and PDF files with report.

Was the CDR download available? Yes No

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	09/05/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
Case #:	71-1100667354	VIN:	1G1JD6SH5C4██████████

If "No", describe:

How was download obtained? ALDL / DLC Directly from module using adapter harness w/ Bosch CDR

If the download was obtained directly from the module, was the module removed from the vehicle? Yes No

If removed from the vehicle, describe/photograph the conditions under which the module was mounted when the download was obtained:

RESTRAINT SYSTEM INSPECTION (SEAT BELTS)

IF A COLLISION OCCURRED, THE SEAT BELTS SHOULD BE INSPECTED FOR SEAT BELT(S) POSITIONS OF ALL OCCUPANTS AT THE TIME OF COLLISION.

Location of inspected seatbelts:

<input checked="" type="checkbox"/> Driver	<input type="checkbox"/> Center front	<input type="checkbox"/> Passenger	<input type="checkbox"/> Third Row
<input type="checkbox"/> Driver's side rear	<input type="checkbox"/> Center rear	<input type="checkbox"/> Right rear	

Photograph: The overall belt assembly (both outboard positions, even if only the driver was present in the vehicle at the time of the incident). All visible components of the seat belt system and anchor points

If equipped, are the pretensioners activated / deployed? Yes No

NOTE: Answer the following questions for the driver's seat belt. If other seat belt positions are inspected, use the seat belt addendum to report inspection results. Identify and photograph the following items:

Is the driver's seatbelt fully retracted? Yes No

IF THE ANSWER IS NO, DO NOT DISTURB BELTS AT THIS TIME.
Secure webbing, measure length, and show measurement in a photo: Inches

If abnormalities are seen during the following, ensure you capture measurements and photos of the damage.

Does the webbing spool in and out freely (minimal effort)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	<input type="checkbox"/> Lap	<input type="checkbox"/> Shoulder
Marks, cuts or debris present on shoulder and lap belt webbing?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Webbing energy management loops (if equipped) - stitches pulled free, unfolded, replacement/warning label exposed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Tack stitch separated from plastic sleeve?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Webbing cut?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does guide loop assembly exhibit striations, bent, or deformed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does guide loop adjuster move up and down (if equipped)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the seat belt buckle latch and unlatch?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the seat belt return to the stowed position when unbuckled?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Buckle condition (worn or foreign material present)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Any components missing?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the seat belt return to the stowed position when unbuckled?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Any post-collision damage present (e.g. rescue workers)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is the seat belt webbing cut? (If yes, photograph and record length of pieces):	<input type="text" value="No"/> Inches	

NOTE: If there were occupants in other seating positions, inspect those seating positions and report the results on the seat belt addendum. Include it with your report.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	09/05/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
Case #:	71-1100667354	VIN:	1G1JD6SH5C4██████████

If possible, perform a dynamic "panic stop" type test with the vehicle.

Do the retractors on the belts being inspected appear to lock and hold properly? Yes No

If No, describe:

If vehicle is not drivable, jerk each belt inspected rapidly. (Note: Some inertia activated retractors will not lock on this test.) Did the retractors lock? Yes No

If No, which belts do not lock/hold?

Additional comments?

Section 5 SITE INSPECTION

NOTE: In most instances a site inspection is not required on vehicles with no damage present (e.g. claimant says they hit a pot hole...)

Was a site inspection performed? Yes No

Comments?

Posted speed where the incident occurred? (mph)

SITE INSPECTION: PERFORM THE FOLLOWING IF ADDITIONAL INFORMATION MAY BE FOUND:

- If the customer can identify the incident scene and verify tire marks, gouges in the pavement, debris, or any police marks at the scene, measure location of the items and photograph.
- Identify evidence of whether the vehicle left the road prior to, during, or after the incident. Document all locations, distances, etc...
- Identify evidence & photograph any object struck by the vehicle on or off the road prior to, during, or after incident.
- Inspect roadway & shoulder surfaces in the area of the incident site for telltale signs of loss of control, excessive speed, severe braking, etc.

Photograph the scene and any property involved. Only factual comments should be entered in this section:

Section 6 COMMENT OVERFLOW

Please use this area for additional comments from the inspection form. Please note the section and area that the comments are continued from prior to each comment.

Section 7 OTHER REPORT INFORMATION

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	09/05/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
Case #:	71-1100667354	VIN:	1G1JD6SH5C4██████████

Check here if there was evidence of a "Fire-Related" event.

According to NHTSA, "fire" means combustion or burning of material in or from a vehicle as evidenced by flame. The term also includes, but is not limited to, thermal events and fire-related phenomena such as smoke, sparks or smoldering, but does not include events and phenomena associated with a normally functioning vehicle, such as combustion of fuel within an engine or exhaust from an engine.

Attachments: (Check all that apply)

<input checked="" type="checkbox"/>	Photographs	<input checked="" type="checkbox"/>	Data Downloads	<input checked="" type="checkbox"/>	Other Records
-------------------------------------	-------------	-------------------------------------	----------------	-------------------------------------	---------------



brent.palmer@gm.com

09/14/2012 05:32 PM

To: kellin_babbs@gmexpert.com

cc: michael.e.howard@gm.com

bcc:

Subject: Re: 71 1100667354 PAR Recommended Denial BRM Approval Required

Denial approved. Conditions did not meet criteria for deploying air bags.

Brent Palmer
Business Resource Manager
North Central Region
mobile: 630-659-9932
e-mail: brent.palmer@gm.com

From: kellin_babbs@gmexpert.com
To: Brent.palmer@gm.com
Cc: michael.e.howard@gm.com
Date: 09/14/2012 02:08 PM
Subject: 71 1100667354 PAR Recommended Denial BRM Approval Required

A recent product allegation claim was made in your region. The customer alleged that they were driving when a dog hit their vehicle and had their airbags not deploy.


2012 Chevrolet Sonic

1G1JD6SH5C4 

Jeff Wyler Eastgate, Inc. Batavia OH 112779

(513) 752-3447

PAR is recommending a denial to resolve the customer's claim in which that the customer had already had the repair before the inspection took place. Also, there was not enough crash data. The SDR did not record the event leading me to believe that the crash did not meet the criteria or the impact zone. Please respond with your approval. Once we receive it, the

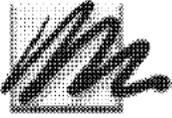
decision will be relayed to the customer and the involved dealership.

Respectfully,
Kellin Babbs I CRS

Aditya Birla Minacs I inspired every day
7401 E. Ben White Blvd, Bldg. F, Austin, TX 78741
Phone: 866-790-5700 41026 I Fax: 866-311-2784 I
www.minacs.adityabirla.com Follow us on Twitter

Nothing in this message is intended to constitute an electronic signature unless a specific statement to the contrary is included in this message.

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rita sanchez/Austin/GM1

08/28/2012 06:03 PM

To wyatt.dehnke@gm.com

cc

bcc

Subject 711101422745PAR Case Sent to ESIS No Action Required

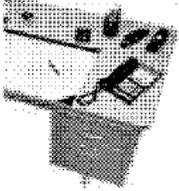
A product allegation claim has been made in your region. The customer is alleging non deployment. This case is being escalated to ESIS because of injuries.

Customer Last Name [REDACTED]
2012 Chevrolet Sonic
VIN 1G1JA5SH9C4 [REDACTED]
Carl Black Buick GMC, L.L.C.
Gary King Service Rep

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

Best wishes,
Rita Sanchez | CRS

Aditya Birla Minacs | inspired every day
7401 E. Ben White Blvd, Bldg. F, Austin, TX 78741
Phone 866-790-5600 ext. 31227 | 866-857-3113 | www.minacs.adityabirla.com



Faith Jackson/Austin/GM1

10/12/2012 06:46 PM

To ashenafie.tsegaye@gm.com

cc

bcc

Subject Subject: 71-1115939706 PAR Case Sent to ESIS No Action Required

A product allegation claim has been made in your region. The customer is alleging his vehicle was involved in a collision where the airbags did not deploy and the customer feels they should have. This case is being escalated to ESIS because insurance involvement.

[REDACTED]
2012 Chevrolet Sonic

1G1JA6SH0C4 [REDACTED]

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

Best wishes,
Faith Jackson | CRS

Aditya Birla Minacs | inspired every day
7401 E. Ben White Blvd, Bldg. F, Austin, TX 78741
Phone 866-790-5600 x31243 | Fax 866-852-1526 | www.minacs.adityabirla.com

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	1G1JA6SH0C4 [REDACTED]
User	[REDACTED]
Case Number	71-1115939706
EDR Data Imaging Date	10/23/2012
Crash Date	10/08/2012
Filename	1G1JA6SH0C4 [REDACTED].ACM.CDRX
Saved on	Tuesday, October 23 2012 at 10:29:48
Collected with CDR version	Crash Data Retrieval Tool 8.0
Reported with CDR version	Crash Data Retrieval Tool 8.0
EDR Device Type	Airbag Control Module
Event(s) recovered	Non-Deployment

Comments

- Air bag lamp stayed on after lamp test
- Used auxiliary battery to power vehicle
- Body shop repairs are in progress
- Downloaded through DLC
- Frontal impact with no airbag deployment
- Mileage = 8698 miles
- Downloaded at Experts Only Collision 2 in Colorado Springs, CO 80909
- Alone at time of download

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 Events, the SDM will record 220 milliseconds of data after the Deployment criteria is met and up to 70 milliseconds before the Deployment criteria is met. For Non-Deployment Events, the SDM will record the first 300 milliseconds of data after algorithm enable. Velocity Change data is displayed in SAE sign convention.

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 750 milliseconds of data before a calibrated angle threshold is reached. For Deployment Events, the SDM will record up to 490 milliseconds of data before the Deployment criteria is met and 250 milliseconds after the Deployment criteria is met. Vehicle Recorded Acceleration and Roll Rate data are displayed in SAE sign convention.

-Time Between Events is recorded at a 10 millisecond sample rate and is displayed in seconds for a maximum time of 655.33 seconds. The counter measures from the start of one event to the start of the next event, if both events occur within the same ignition cycle.

-The CDR tool displays time from Algorithm Enable (AE) to time of Deployment command in a Deployment event and AE to

- time of maximum SDM recorded vehicle velocity change in a Non-Deployment event. Time from AE begins when the first air bag system enable threshold is met and ends when Deployment command criteria is met or at maximum SDM recorded vehicle velocity change. Any air bag systems may be a source of an enable.
- Time From Algorithm Enable to Maximum SDM Recorded Vehicle Velocity Change is captured when the largest, absolute value of either the Longitudinal or Lateral Recorded Vehicle Velocity Change occurs. The Maximum may occur between the recorded 10 millisecond sample points.
 - 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.
 - 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.
 - Algorithm Enable Counter tracks the number of times the sensing algorithm enabled (either Deployments, Non-deploy, or Rollover events) during the SDM's lifetime.
 - The Algorithm Enable 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 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 to the SDM, by Body Control Module, via the vehicle's communication network.
 - The Belt Switch Circuit is wired directly to the SDM.

01039_SDM10-conti_r010

Event Data (General)

Ignition Cycles At Investigation	1451
ESS # 1 Traceability Data	AU4262TA8RHQ5I8M
ESS # 2 Traceability Data	AT4262TA8SCJLI8M
ESS # 3 Traceability Data	AH2340T9FB0J5U8L
ESS # 4 Traceability Data	AJ2340T98ND2DU8L
ESS # 5 Traceability Data	DA2341TN0RAHU28N
ESS # 6 Traceability Data	DB2341T7N73LE28N
ESS # 7 Traceability Data	000000T000000000
ESS # 8 Traceability Data	000000T000000000
Dynamic Deployment Event Counter	0
Dynamic Algorithm Enable Counter	1
Dynamic OnStar Notification Event Counter	0
Vehicle Identification Number	1G1JA6SH0C4 [REDACTED]
System Type	Continental Temic
Manufacturing Traceability Data	AS3434T113440493
Software Module Identifier 1	00CF4445
Software Module Identifier 2	05B79477
Software Module Identifier 3	00CE01A1
End Model Part Number	00CF444A

Event Data (Event Record 1)

Event Recording Complete	Yes
Event Record Type	Non-Deployment
Crash Record Locked	Yes
Data Recording Complete - Deployment Status Data	Yes
Data Recording Complete - SDM Recorded Vehicle Velocity Change Data	No
Deployment Event Counter	0
Algorithm Enable Counter	1
OnStar Notification Event Counter	0
Algorithm Active: Rear	Yes
Algorithm Active: Rollover	Yes
Algorithm Active: Side	Yes
Algorithm Active: Frontal	Yes
Ignition Cycles At Event	1436
Time Between Events (sec)	Data Not Available
Concurrent Event Flag Set	No
Event Severity Status: Rollover	No
Event Severity Status: Rear	No
Event Severity Status: Right Side	No
Event Severity Status: Left Side	No
Event Severity Status: Frontal Stage 2	No
Event Severity Status: Frontal Stage 1	No
Event Severity Status: Frontal Pretensioner	No
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	No
Passenger Pretensioner Deployment Loop #1 Commanded	No
Driver Pretensioner Deployment Loop #2 Commanded (If Equipped)	No
Passenger Pretensioner Deployment Loop #2 Commanded (If Equipped)	No
Driver Thorax Loop Commanded (If Equipped)	No
Passenger Thorax Loop Commanded (If Equipped)	No
Driver Row 2 Thorax Loop Commanded (If Equipped)	No
Passenger 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
Driver Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Passenger Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Driver Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Passenger 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
Driver Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No
Passenger Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	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
Driver Row 2 Head Rest Loop Commanded (If Equipped)	No
Passenger 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
Driver Belt Switch Circuit Status	Buckled
Passenger Belt Switch Circuit Status	Not Buckled
Driver Seat Position Status (If Equipped)	Data Not Available
Passenger Seat Position Status (If Equipped)	Data Not Available
Passenger Seat Occupancy Status	Empty
Passenger Classification Status	Not Applicable
Passenger SIR Suppression Switch Circuit Status (If Equipped)	Data Not Available
Passenger Air Bag ON Indicator Status	Off
Passenger Air Bag OFF Indicator Status	On

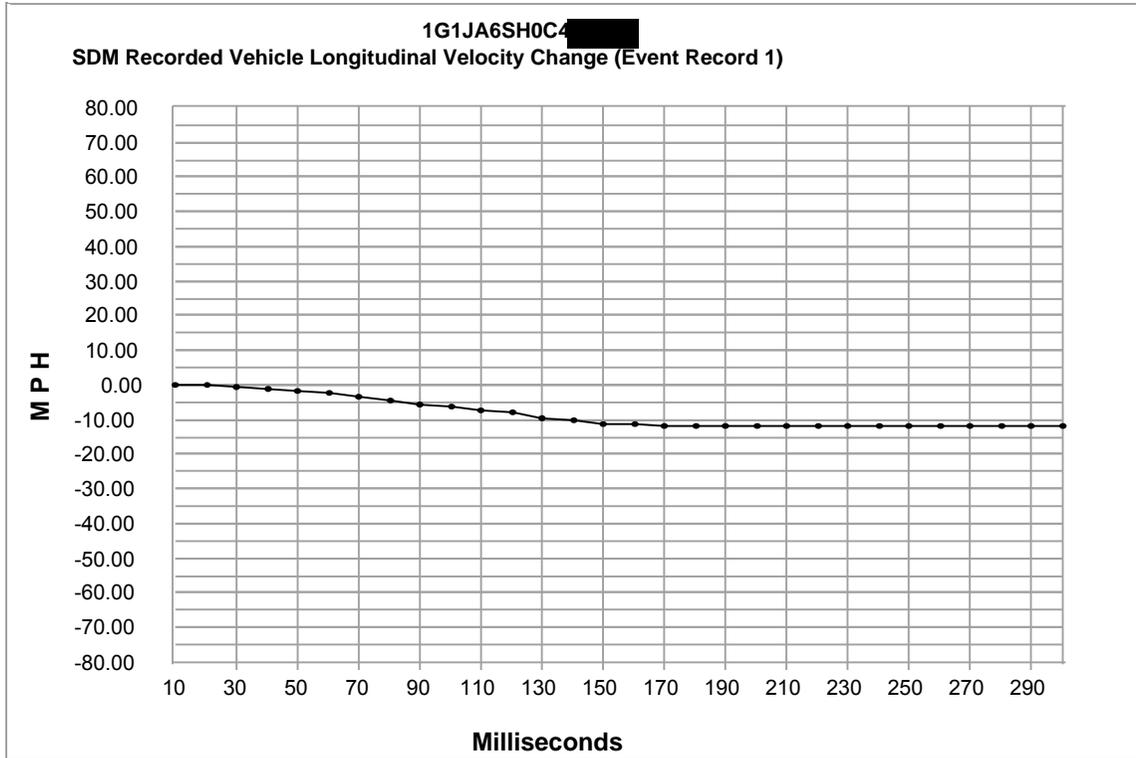
Low Tire Pressure Warning Lamp	Off
SIR Warning Lamp Status	Off
SIR Warning Lamp ON/OFF Time Continuously (seconds)	655330
Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	0
Ignition Cycles Since DTCs Were Last Cleared at Event Enable	156
Diagnostic Trouble Codes at Event:	N/A
Fault type	N/A
Diagnostic Trouble Codes at Event:	N/A
Fault type	N/A
Diagnostic Trouble Codes at Event:	N/A
Fault type	N/A
Diagnostic Trouble Codes at Event:	N/A
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Diagnostic Trouble Codes at Event:	N/A
Fault type	N/A
Diagnostic Trouble Codes at Event:	N/A
Fault type	N/A
Diagnostic Trouble Codes at Event:	N/A
Fault type	N/A
Time From Algorithm Enable to Maximum SDM Recorded Vehicle Velocity Change (msec)	150
Longitudinal SDM Recorded Vehicle Velocity Change at time of Maximum SDM Recorded Vehicle Velocity Change MPH [km/h]	-12 [-19]
Lateral SDM Recorded Vehicle Velocity Change at time of Maximum SDM Recorded Vehicle Velocity Change MPH [km/h]	1 [1]
Driver 1st Stage Time From Algorithm Enable to Deployment Command Criteria Met (msec)	Data Not Available
Driver 2nd Stage Time From Algorithm Enable to Deployment Command Criteria Met (msec)	Data Not Available
Passenger 1st Stage Time From Algorithm Enable to Deployment Command Criteria Met (msec)	Data Not Available
Passenger 2nd Stage Time From Algorithm Enable to Deployment Command Criteria Met (msec)	Data Not Available
Driver Thorax/Curtain Time From Algorithm Enable to Deployment Command Criteria Met (msec)	Data Not Available
Passenger Thorax/Curtain Time From Algorithm Enable to Deployment Command Criteria Met (msec)	Data Not Available
Driver Pretensioner Time From Algorithm Enable to Deployment Loop #1 or Loop #2 Command Criteria Met (msec)	Data Not Available
Passenger Pretensioner Time From Algorithm Enable to Deployment Loop #1 or Loop #2 Command Criteria Met (msec)	Data Not Available

Pre-Crash Data -1 to -.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
-1.0	No	No	No	6 [8]	Off
-0.5	No	No	No	20 [27]	Off

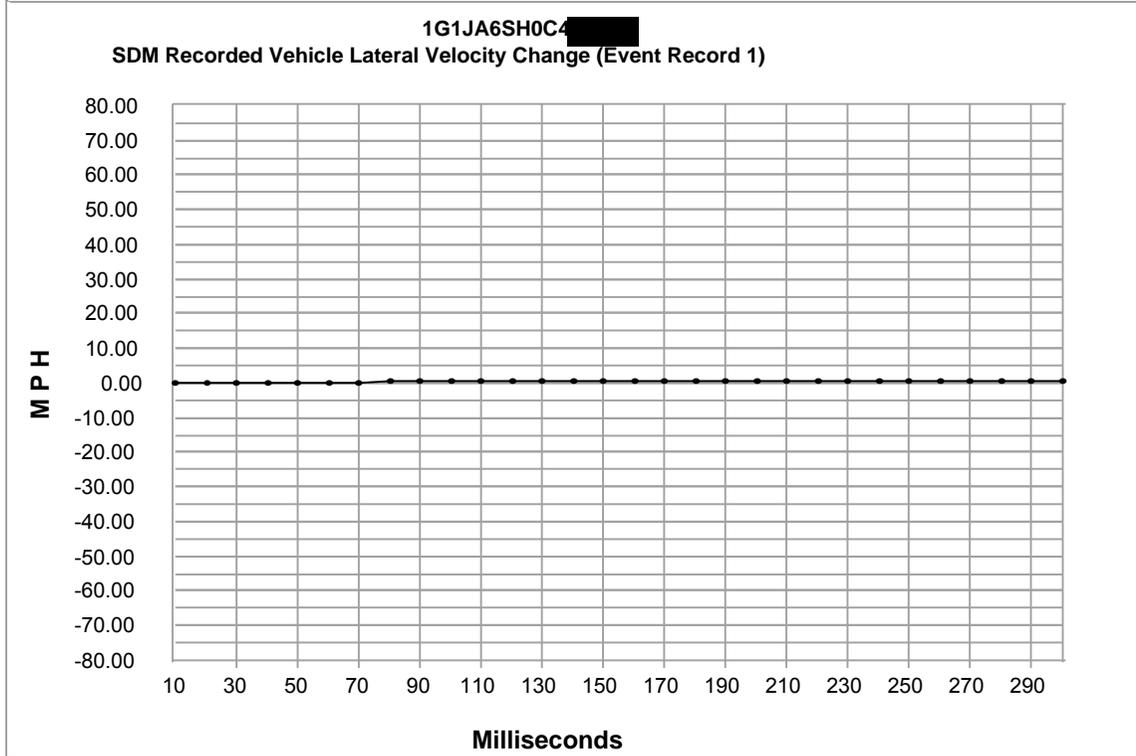
Pre-Crash Data -2.5 to -.5 sec (Event Record 1)

Times (sec)	Accelerator Pedal Position (percent)	Brake Switch Circuit State	Engine Speed	Throttle Position (%)	Vehicle Speed (MPH [km/h])
-2.5	31	Off	2560	77	53 [86]
-2.0	30	Off	2560	61	54 [87]
-1.5	17	Off	2560	31	54 [87]
-1.0	10	Off	2560	23	54 [87]
-0.5	0	On	2368	19	54 [87]



Time (msec)	Delta-V, longitudinal (MPH)	Delta-V, longitudinal (km/h)
10	0.0	0.0
20	0.0	0.0
30	-0.6	-1.0
40	-1.2	-2.0
50	-1.9	-3.0
60	-2.5	-4.0
70	-3.1	-5.0
80	-4.3	-7.0
90	-5.6	-9.0
100	-6.2	-10.0
110	-7.5	-12.0
120	-8.1	-13.0
130	-9.3	-15.0
140	-9.9	-16.0
150	-11.2	-18.0
160	-11.2	-18.0
170	-11.8	-19.0
180	-11.8	-19.0
190	-11.8	-19.0
200	-11.8	-19.0
210	-11.8	-19.0

Time (msec)	Delta-V, longitudinal (MPH)	Delta-V, longitudinal (km/h)
220	-11.8	-19.0
230	-11.8	-19.0
240	-11.8	-19.0
250	-11.8	-19.0
260	-11.8	-19.0
270	-11.8	-19.0
280	-11.8	-19.0
290	-11.8	-19.0
300	-11.8	-19.0



Time (msec)	Delta-V, lateral (MPH)	Delta-V, lateral (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	0.6	1.0
90	0.6	1.0
100	0.6	1.0
110	0.6	1.0
120	0.6	1.0
130	0.6	1.0
140	0.6	1.0
150	0.6	1.0
160	0.6	1.0
170	0.6	1.0
180	0.6	1.0
190	0.6	1.0
200	0.6	1.0
210	0.6	1.0

Time (msec)	Delta-V, lateral (MPH)	Delta-V, lateral (km/h)
220	0.6	1.0
230	0.6	1.0
240	0.6	1.0
250	0.6	1.0
260	0.6	1.0
270	0.6	1.0
280	0.6	1.0
290	0.6	1.0
300	0.6	1.0

SDM Recorded Vehicle Lateral Acceleration (Event Record 1)

Contains No Recorded Data

SDM Recorded Vehicle Vertical Acceleration (Event Record 1)

Contains No Recorded Data

SDM Recorded Vehicle Roll Rate (Event Record 1)

Contains No Recorded Data

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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DID $01
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DID $03
41 54 34 32 36 32 54 41 38 53 43 4A 4C 49 38 4D

DID $05
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DID $07
41 4A 32 33 34 30 54 39 38 4E 44 32 44 55 38 4C

DID $09
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DID $0B
44 42 32 33 34 31 54 37 4E 37 33 4C 45 32 38 4E

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Disclaimer of Liability

The users of the CDR product and reviewers of the CDR reports and exported data shall ensure that data and information supplied is applicable to the vehicle, vehicle's system(s) and the vehicle ECU. Robert Bosch LLC and all its directors, officers, employees and members shall not be liable for damages arising out of or related to incorrect, incomplete or misinterpreted software and/or data. Robert Bosch LLC expressly excludes all liability for incidental, consequential, special or punitive damages arising from or related to the CDR data, CDR software or use thereof.



71-1115939706 GM Product Allegation Investigation Request
Al Difalco to: Al Difalco

10/19/2012 03:48 PM

PAR Information Provided:

PAR Record Number:

Number : PAR0000993

Provided Information:

PAR File Number : 71-1115939706

Customer Information:

Customer First Name : [REDACTED]

[REDACTED]

[REDACTED]

Customer City : Colorado Springs

Customer State : CO

Customer Zip Code : [REDACTED]

[REDACTED]

[REDACTED]

Customer Cell Phone :

Vehicle Information:

VIN : 1G1JA6SH0C4 [REDACTED]

Vehicle Year : 2012

Vehicle Make : Chevrolet

Vehicle Model : Sonic

Vehicle Mileage : 85

Vehicle Location Information:

Dealer/Salvage/Other : Other

POC Name : Mike Rupp

POC Phone : 7195979005

POC Email : eocii@qwestoffice.net

Dealer BAC :

Name of Business : Expert's Only Collision 2

Vehicle Location Address : 3680 Bijou St

Vehicle Location City : Colorado Springs

Vehicle Location State : CO

Vehicle Location Zip Code : 80909

Customer Concerns:

Air Bag Deployment Concern - In a Collision : true

Air Bag Deployment Concern - No Collision : false

Accelerator/Throttle Concern : false

Brakes ABS Concern : false
Engine/Transmission/Drivetrain Concern : false
Fire/Thermal Event Concern : false
Restraint/SIR/Seats/Seatbelt Concern : false
Steering/Suspension/Tire/Wheels Concern : false
Water/Moisture/Odor Concern : false
Additional Information Concern :

CSR Information:

Requestor Name : Faith Jackson
Requestor Email : faith_jackson@gmexpert.com
Requestor Phone : (866) 790-5600 ext 31243
Requestor Fax :

Ref:MSG0366998

Date: 10/16/2012 09:39 AM
 Estimate ID: 12-4647020-01
 Estimate Version: 0
 Committed
 Profile ID: cospg:newoem&remant

PROGRESSIVE

Damage Assessed By: JOSH CARNAHAN 719-357-0922 Appraised For: Robert McCann
 (970) 683-2713

Type of Loss: Auto
 Date of Loss: 10/ 8/2012
 Deductible: 1,000.00
 Claim Number: 12-4647020-01

Insured: [REDACTED]
 Claimant: [REDACTED]
 Address: [REDACTED] COLORADO SPR, CO [REDACTED]
 Telephone: Work Phone: [REDACTED] Home Phone: [REDACTED]
 Owner: [REDACTED]
 Address: [REDACTED] COLORADO SPR, CO [REDACTED]
 Telephone: Work Phone: [REDACTED] Home Phone: [REDACTED]

Mitchell Service: 911447

Description: 2012 Chevrolet Sonic LS Vehicle Production Date: 00/00
 Body Style: 4D HB Drive Train: 1.8L Inj 4 Cyl 6A FWD
 VIN: 1G1JA6SH0C4 [REDACTED] License: [REDACTED]
 Mileage: 8,698 Search Code: COLORADOS3
 OEM/ALT: A Color: BLACK
 Options: PASSENGER AIRBAG, DRIVER AIRBAG, POWER LOCK, POWER STEERING
 REAR WINDOW DEFOGGER, MANUAL AIR CONDITION, TILT STEERING COLUMN
 ANTI-LOCK BRAKE SYS., TRACTION CONTROL, FOG LIGHTS, ALUM/ALLOY WHEELS
 AUXILIARY INPUT, FRONT AIR DAM, TINTED GLASS, TRIP COMPUTER, TELEMATIC SYSTEMS
 SIDE AIRBAGS, ANTI-THEFT SYSTEM, AUTOMATIC HEADLIGHTS, SECOND ROW SIDE AIRBAG
 SIDE HEAD CURTAIN AIRBAGS, VEHICLE THEFT TRACKING/NOTIFICATION
 DAYTIME RUNNING LIGHTS, ELECTRONIC STABILITY CONTROL, FRONT BUCKET SEATS
 INTERIOR AIR FILTER, KEYLESS ENTRY SYSTEM, REAR SPOILER, REAR WINDOW WIPER

Line Item	Entry Number	Labor Type	Operation	Line Item Description	Part Type/ Part Number	Dollar Amount	Labor Units
<u>Information Labels</u>							
1	101167	BDY	REMOVE/REPLACE	Inform Label A/C Refrigerant	94565024 GM PART	3.39	
2	101168	BDY	REMOVE/REPLACE	Inform Label Fan Caution	94568902 GM PART	18.60	
3	101170	BDY	REMOVE/REPLACE	Inform Label Emission Control	19257194 GM PART	27.88	
<u>Front Bumper</u>							
4	101174	BDY	OVERHAUL	Frnt Bumper Cover Assy			2.2 #
5	101175	BDY	REMOVE/REPLACE	Frnt Bumper Cover	Remanufactured	290.00	* INC #
6		REF	REFINISH	Frnt Bumper Cover			C 2.5
7	101176	BDY	REMOVE/REPLACE	Frnt Lwr Bumper Grille	95227395 GM PART	90.00	INC #
8		BDY	REMOVE/INSTALL	Frnt Bumper Cover			INC #
9	101177	BDY	REMOVE/REPLACE	Frnt Bumper Adhesive Emblem	95019523 GM PART	35.78	* 0.1
10	101178	BDY	REMOVE/REPLACE	Frnt Bumper License Plate Bracket	95939549 GM PART	12.61	INC
11	101192	BDY	REMOVE/REPLACE	R Frnt Bumper Lamp Mount Bracket	95976851 GM PART	41.82	0.2 #
12	101193	BDY	REMOVE/REPLACE	L Frnt Bumper Lamp Mount Bracket	95976852 GM PART	41.82	0.2 #
13	101194	BDY	REMOVE/REPLACE	Frnt Ctr Bumper Support Bracket	95026539 GM PART	24.66	0.2 #
14	101196	BDY	REMOVE/REPLACE	R Frnt Bumper Guide	95462003 GM PART	6.20	INC #
15	101197	BDY	REMOVE/REPLACE	L Frnt Bumper Guide	95462002 GM PART	6.20	INC #
16	101198	BDY	REMOVE/REPLACE	R Frnt Bumper Rivet 2@3.57	9132667 GM PART	7.14	INC
17	101199	BDY	REMOVE/REPLACE	L Frnt Bumper Rivet 2@3.57	9132667 GM PART	7.14	INC
18	101201	BDY	REMOVE/INSTALL	Frnt Uprr Bumper Impact Bar	Existing		0.3 #r
<u>Grille</u>							
19	101233	BDY	REMOVE/REPLACE	Uprr Grille	95215846 GM PART	90.00	INC #
<u>Front Lamps</u>							
20	101242	BDY	REMOVE/REPLACE	R Front Combination Lamp Assembly	96830972 GM PART	293.00	INC #
21		BDY	CHECK/ADJUST	Headlamps			0.4
22	101243	BDY	REMOVE/REPLACE	L Front Combination Lamp Assembly	96830971 GM PART	293.00	INC #

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<u>Hood</u>									
23	101273	BDY	REMOVE/REPLACE	Hood Panel	95215164	GM PART	295.76	1.5	
24		REF	REFINISH	Hood Outside				C 2.3	
25		REF	REFINISH	Add For Hood Underside				C 1.1	
26	101274	BDY	REMOVE/REPLACE	Hood Insulator	96872981	GM PART	39.80	INC	
27	101275	BDY	REMOVE/REPLACE	Hood Insulator Retainer 8@3.53	11571159	GM PART	29.04		
28	101276	BDY	REMOVE/REPLACE	R Hood Seal	95985746	GM PART	16.44	INC	
29	101277	BDY	REMOVE/REPLACE	L Hood Seal	95985746	GM PART	16.44	INC	
30	101280	BDY	REMOVE/REPLACE	R Hood Hinge	95462342	GM PART	66.67	* 0.3 #	
31		BDY	REMOVE/INSTALL	R Fender Assy				INC #	
32		REF	REFINISH	R Hinge				C 0.5	
33		BDY	REMOVE/INSTALL	Hood Assy				INC	
34	101281	BDY	REMOVE/REPLACE	L Hood Hinge	95462341	GM PART	66.67	* 0.3 #	
35		BDY	REMOVE/INSTALL	L Fender Assy				INC #	
36		REF	REFINISH	L Hinge				C 0.5	
37	101282	BDY	REMOVE/REPLACE	Hood Latch	95463825	GM PART	38.78	0.3	
<u>Cooling</u>									
38	101084	MCH	REMOVE/REPLACE	Cooling Radiator -M	95022258	GM PART	300.00	2.0 #	
39		MCH	REMOVE/REPLACE	Evacuate & Recharge A/C -M				1.4	
40	101096	BDY	REMOVE/REPLACE	Upr Cooling Radiator Baffle	95961448	GM PART	31.90	0.4 #	
41	101097	BDY	REMOVE/REPLACE	Cooling Retainer 4@4.00	11589290	GM PART	16.00		
42	101098	BDY	REMOVE/REPLACE	Cooling Radiator Baffle	95465736	GM PART	157.70		
43	101100	BDY	REMOVE/REPLACE	Lwr Cooling Air Baffle	95961450	GM PART	37.56	0.4	
44	101105	BDY	REMOVE/REPLACE	Cooling Recovery Tank	95048411	GM PART	41.20	0.7	
45	101109	BDY	REMOVE/REPLACE	Cooling Fan Shroud	95018591	GM PART	117.12	0.2 #	
<u>A/C /Heater/Ventilation</u>									
46	101049	MCH	REMOVE/REPLACE	Air Cond Condenser Assy -M	96945773	GM PART	292.00	INC #	
<u>Front Fender</u>									
47	100242	BDY	REMOVE/REPLACE	R Fender Panel	95024528	GM PART	179.00	1.7 #	
48		REF	REFINISH	R Fender Outside				C 1.6	
49		REF	REFINISH	R Add To Edge Fender				C 0.5	
50	100243	BDY	REMOVE/REPLACE	L Fender Panel	95024527	GM PART	179.00	1.7 #	
51		REF	REFINISH	L Fender Outside				C 1.6	
52		REF	REFINISH	L Add To Edge Fender				C 0.5	
53	100246	BDY	REMOVE/REPLACE	R Fender Rear Bracket	95024099	GM PART	10.17	0.1 #	
54	100247	BDY	REMOVE/REPLACE	L Fender Rear Bracket	95024098	GM PART	10.17	0.1 #	
55	100250	BDY	REMOVE/INSTALL	R Fender Liner	Existing			INC r	
56	100251	BDY	REMOVE/INSTALL	L Fender Liner	Existing			INC r	
57	100252	BDY	REMOVE/REPLACE	R Fender Splash Shield Retainer 4@3.75	11589293	GM PART	15.00		
58	100253	BDY	REMOVE/REPLACE	L Fender Splash Shield Retainer 4@3.75	11589293	GM PART	15.00		
59	100259	BDY	REMOVE/INSTALL	R Fender Applique				INC	
60	100260	BDY	REMOVE/INSTALL	L Fender Applique				INC	
<u>Front Inner Structure</u>									
61	100269	BDY	REMOVE/REPLACE	Front Body Upper Tie Bar -S	95021800	GM PART	105.15	2.5	
62		REF	REFINISH	Upper Tie Bar				0.8	
63	101325	BDY	REMOVE/REPLACE	Upr Front Body Shield	95026205	GM PART	3.75	0.2	
64	101322	BDY	REMOVE/REPLACE	Front Body Cover	95026204	GM PART	50.00	0.2	
65	100024	BDY	REMOVE/REPLACE	R Otr Upr Front Body Side Rail (HSS) -S	95472109	GM PART	98.37	3.5	
66		REF	REFINISH	R Otr Upr Side Rail				0.4	
67	100025	BDY	REMOVE/REPLACE	L Otr Upr Front Body Side Rail (HSS) -S	95472108	GM PART	98.37	3.5	
68		REF	REFINISH	L Otr Upr Side Rail				0.4	
69	100032	BDY	REMOVE/REPLACE	R Front Body Wheelhouse Brace -S	95016793	GM PART	5.93	3.0	
70	100034	BDY	REPAIR	R Front Body Front Reinf -S	Existing			1.0*	
71		REF	REFINISH/REPAIR	R Front Body Front Reinf -S				0.3*	
72	100038	BDY	REMOVE/REPLACE	R Front Body Shield	95022358	GM PART	9.77		
73	101332	MCH	REMOVE/REPLACE	Fuse Block -M	95462804	GM PART	369.46	2.0*	
74	100325	BDY	REMOVE/REPLACE	Fuse Box Cover	95489845	GM PART	25.44	0.1	
75	100326	MCH	REMOVE/REPLACE	Fuse Box Housing -M	95990326	GM PART	13.68		
<u>Air Bag System</u>									
76	100330	MCH	REMOVE/REPLACE	Disable & Enable Air Bag System -M				0.3	
77	100343	MCH	REMOVE/REPLACE	R Frt Air Bag Sensor -M	13502340	GM PART	166.67	0.5 #	
<u>Engine/Trans</u>									
78	101576	MCH	REMOVE/REPLACE	Engine Plate -M	13103972	GM PART	4.91	0.2	
79	101578	MCH	REMOVE/REPLACE	Engine Camshaft Housing Cover -M	55564395	GM PART	131.27	1.0	
80	101585	BDY	REMOVE/REPLACE	Engine Dipstick	55562503	GM PART	17.30		
<u>Air Cleaner</u>									

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81	101628	BDY	REMOVE/INSTALL	Air Cleaner Assy					0.5
82	101629	BDY	REMOVE/REPLACE	Upr Air Cleaner Housing	95969688	GM PART	149.41		0.2
83	101631	BDY	REMOVE/REPLACE	Lwr Air Cleaner Housing	95920467	GM PART	41.98		0.5
84	101634	BDY	REMOVE/REPLACE	Air Cleaner Deflector	95015918	GM PART	25.42		0.3
<u>Electrical</u>									
85	100176	BDY	REMOVE/REPLACE	Retainer	95492642	GM PART	13.95		
86	100177	BDY	REMOVE/REPLACE	Battery Tray	95933268	GM PART	35.17		0.6 #
87	100182	MCH	REMOVE/REPLACE	Positive Battery Cable		ORDER FROM DEALER	109.29	*	1.0
88	100185	BDY	REPAIR	Horn Assembly		Existing			0.2*
89	100192	BDY	REMOVE/REPLACE	Module Bracket	95049284	GM PART	8.75		
<u>Windshield</u>									
90	100056	BDY	REMOVE/REPLACE	W/Shield Washer Reservoir	95229337	GM PART	20.46		0.4 #
91		BDY	REMOVE/INSTALL	Cowl Top Panel					0.6 #
92	100057	BDY	REMOVE/REPLACE	W/Shield Drain Tube	95987387	GM PART	7.02		INC #
<u>Front Door</u>									
93	100003	REF	BLEND	R Frt Door Outside					C 0.9
94	100818	REF	BLEND	L Frt Door Outside					C 0.9
95	100835	BDY	REMOVE/INSTALL	R Frt Rear View Mirror					0.3
96	100836	BDY	REMOVE/INSTALL	L Frt Rear View Mirror					0.3
97	100839	BDY	REMOVE/INSTALL	R Frt Otr Belt Moulding					0.2
98	100840	BDY	REMOVE/INSTALL	L Frt Otr Belt Moulding					0.2
99	100859	BDY	REMOVE/INSTALL	R Frt Door Trim Panel					INC
100	100860	BDY	REMOVE/INSTALL	L Frt Door Trim Panel					INC
101	100518	BDY	REMOVE/INSTALL	R Frt Otr Door Handle					0.6 #
102	100519	BDY	REMOVE/INSTALL	L Frt Otr Door Handle					0.6 #
<u>ADDITIONAL OPERATIONS</u>									
103		REF	ADD'L OPR	Clear Coat					3.1
<u>Additional Costs & Materials</u>									
104			ADD'L COST	Paint/Materials			501.20	*	
105	900500	BDY *	ADD'L LABOR OP	Tape Stripes First Panel		Sublet	50.00	*	0.0*
106	900500	BDY *	ADD'L LABOR OP	Tape Stripes Additional Panel		Sublet	10.00	*	0.0*
<u>MANUAL ENTRIES</u>									
107	900500	BDY *	REMOVE/REPLACE	Battery		Sublet	134.33	*	0.0*
108				No betterment as less than 1 yr old and 8k miles					
109	900500	BDY *	REMOVE/REPLACE	Cam Position Sensor		New	109.12	*	0.5*
110	900500	BDY *	REMOVE/REPLACE	Exhaust Cam Sensor		New	114.28	*	1.0*
111	900500	BDY *	REMOVE/REPLACE	Coolant Sensor		New	41.41	*	0.5*

* - Judgment Item
 # - Labor Note Applies
 C - Included in Clear Coat Calc
 r - CEG R&R Time Used For This Labor Operation

All manufacturers requirements regarding seat belt and supplemental restraint system replacement must be adhered to. If additional parts or operations are necessary to properly accomplish this, please contact the estimate claims rep.

Estimate Totals

I. Labor Subtotals	Units	Rate	Add'l Labor Amount	Sublet Amount	Totals	II. Part Replacement Summary	Amount
Body	32.8	46.00	0.00	60.00	1,568.80	Taxable Parts	5,171.32
Refinish	17.9	46.00	0.00	0.00	823.40	Sales Tax @ 7.400%	382.68
Mechanical	8.4	80.00	0.00	0.00	672.00		
Non-Taxable Labor					3,064.20	Total Replacement Parts Amount	5,554.00
Labor Summary	59.1				3,064.20		
III. Additional Costs					Amount	IV. Adjustments	Amount
Taxable Costs					501.20	Insurance Deductible	1,000.00-
Sales Tax @ 7.400%					37.09	Customer Responsibility	1,000.00-
Total Additional Costs					538.29		
Paint Material Method: Rates Init Rate = 28.00							
						I. Total Labor:	3,064.20
						II. Total Replacement Parts:	5,554.00
						III. Total Additional Costs:	538.29
						Gross Total:	9,156.49
						IV. Total Adjustments:	1,000.00-
						Net Total:	8,156.49

THIS ESTIMATE HAS BEEN PREPARED BASED ON THE USE OF ONE OR MORE CRASH PARTS SUPPLIED BY A SOURCE OTHER THAN THE MANUFACTURER OF YOUR MOTOR VEHICLE. WARRANTIES, IF ANY, APPLICABLE TO THESE REPLACEMENT CRASH PARTS ARE PROVIDED BY THE PARTS MANUFACTURER OR DISTRIBUTOR RATHER THAN BY THE MANUFACTURER OF YOUR VEHICLE.

Point(s) of Impact
 12 Front Center (P)

Inspection Site: Experts Only Collision
 Inspection Date: 10/10/2012

THIS IS A DAMAGE ASSESSMENT ONLY - NOT AN AUTHORIZATION TO REPAIR -
BASED ON DAMAGE VISIBLE OR CERTAIN AT THE TIME IT WAS WRITTEN.

IF FRAME OR UNIBODY REPAIR IS INCLUDED ON THIS ESTIMATE, THE AMOUNT
SHOWN INCLUDES TIME OR ALLOWANCE FOR MEASURING BEFORE, DURING AND
AFTER THOSE REPAIRS.

THE OWNER OF THE VEHICLE MAY SELECT THE REPAIR FACILITY OF HIS/HER
CHOICE.

TO ENSURE PROPER AND PROMPT PAYMENT FOR ADDITIONAL DAMAGE DISCOVERED
DURING THE COURSE OF REPAIRS, CONTACT PROGRESSIVE FOR SUPPLEMENT
HANDLING PROCEDURES.

PROGRESSIVE HONORS THE PREVAILING LABOR MARKET RATE IN YOUR AREA FOR
YOUR PROPERTY. IF YOU CHOOSE A SHOP THAT CHARGES IN EXCESS OF
PREVAILING LABOR MARKET RATES, YOU WILL BE RESPONSIBLE FOR THE
DIFFERENCE.

LIFETIME GUARANTEE FOR SHEET METAL AND PLASTIC BODY PARTS

The replacement parts written on the estimate are intended to return
your vehicle to its pre-loss condition with proper installation.
After repair, if any sheet metal or plastic body part included in the
estimate fails to return your vehicle to its pre-loss condition
(assuming proper installation), in terms of form, fit, finish,
durability or functionality, Progressive will arrange and pay for the
replacement of the part, to the extent not covered by a
manufacturer's or other warranty. This service will be performed at
no cost to you (including associated repair and rental car costs). To
obtain service under this Guarantee, call Progressive at
1-800-274-4641. This Guarantee applies as long as you own or lease
the vehicle. This Guarantee is not transferable and terminates if you
sell or otherwise transfer your vehicle.

THIS GUARANTEE DOES NOT COVER NORMAL WEAR AND TEAR OR DAMAGE CAUSED
BY IMPROPER MAINTENANCE, NEGLIGENCE, ABUSE OR SUBSEQUENT ACCIDENT. THIS
GUARANTEE IS LIMITED TO ARRANGING FOR THE SELECTION OF REPAIR PARTS
THAT WILL RETURN YOUR VEHICLE TO ITS PRE-LOSS CONDITION. ACCORDINGLY,
PROGRESSIVE WILL NOT BE LIABLE FOR ANY INDIRECT, INCIDENTAL OR
CONSEQUENTIAL DAMAGES THAT RESULT FROM THE INSTALLATION OR USE OF
THESE PARTS.

Part Type Terms and Abbreviations

NEW and OEM or part number displayed - These refer to a new, original
equipment manufacturer part.

NON-OEM and A/M and Qual REPL - These refer to an after-market part,
which is a new, non-original equipment manufacturer part.

USED/RECYCLED and LKQ - These refer to a used OEM part.

REMANUFACTURED and RECOND. and RECORE - These refer to used/recycled
OEM parts that have been refurbished.

REPAIR SHOP'S AUTHORIZED REPRESENTATIVE'S SIGNATURE INDICATING
AGREEMENT ON COST TO RETURN THE VEHICLE TO PRE-LOSS CONDITION
INCLUDING TOW/STORAGE CHARGES:

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Date: 10/15/2012 09:39 AM
Estimate ID: 12-4647020-01
Estimate Version: 0
Committed
Profile ID: cospg:newoem&remanf

SHOP SIGNATURE: _____ EST. COMPLETION DATE: _____

ANY PERSON WHO, WITH INTENT TO DEFRAUD OR KNOWING THAT HE/SHE IS FACILITATING A FRAUD AGAINST AN INSURER, SUBMITS AN APPLICATION OR FILES A CLAIM CONTAINING A FALSE OR DECEPTIVE STATEMENT IS GUILTY OF INSURANCE FRAUD.

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Donald Shalla [Logout](#)

October 28, 2012

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

INTERFACE WITH CUSTOMER **USER OPTIONS**

View Vehicle Summary f

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).

Vehicle Information

VIN: 1G1JA6SH0C4 [REDACTED] Model: 1JU48-2012 SONIC 5 DOOR LS
 Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes
 Order Type: 70 - RETAIL - STOCK
 Field Actions: [2 Open](#)

REQUEST ANOTHER VIN

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](#)

- ? [Investigate Major Assembly History](#)

Required Field Actions Open field actions are highlighted

Type	Number	Original Nbr	Description	Release Date	Status
Customer Satisfaction Program	N120020	12020	DRIVER AIRBAG INSPECTION	03/08/2012	Open
Noncompliance Recall	N120176	12176	WINDSHIELD WASHER HOSE MAY SEPARATE	08/14/2012	Open

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

Type	Number	Description	Posted Date
EI	PIE0233	Poor Air Conditioning (A/C) Performance	09/24/2012
EI	PIE0235	Side Door Weatherstrip and Seal Fit/Appearance Concerns	10/10/2012

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: DDCWJ2RH 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
-------	-------------	-------------------	------------	--------------------	----------	--------------

ü	Emission Select Component Ltd Wty	04/19/2012	04/12/2012	4 MI	04/12/2020	80,004 MI
ü	Powertrain Limited Warranty	04/19/2012	04/12/2012	4 MI	04/12/2017	100,004 MI
ü	Corrosion Limited Warranty	04/19/2012	04/12/2012	4 MI	04/12/2018	100,004 MI
ü	Bumper to Bumper Limited Warranty	04/19/2012	04/12/2012	4 MI	04/12/2015	36,004 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
01/14/2012	A46329	ZPDI----Pre-Delivery Inspection		Z7000 - Pre-Delivery Inspection - Base Time	1 MI

Global Warranty Management: [Site Map](#)

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Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

Inspector (First & Last Name): Don Shalla
Number of photos: 51

Section 1. Description

<u>Photo #</u>	<u>Description Only</u>	<u>Damage (Yes/No)</u>
1	Vin Plate	N
2	Door Plate (GVWR)	N
3	Tire Plate	N
4	RPO Plate (If available)	N
5	IP Cluster / Odometer	N
6	Front (Exterior)	N
7	Passenger's Side (Exterior)	N
8	Rear (Exterior)	N
9	Driver's Side (Exterior)	N
10	Under Hood	Y
11	Driver's Side (Interior)	N
12	Passenger's Side (Interior)	N
13	Rear (Interior)	N
N/A	Trunk/Hatch/Cargo Area (Rear hatch would not open due to prior issue)	N
15	Underbody 1	N
16	Underbody 2	N
17	Underbody 3	N
Crash Damage		
18	Insurance company supplied photo of damage to the left front (LF) upper frame rail before repair	Y
19	Close-up of buckle in LF upper frame rail (1)	Y
20	Close-up of buckle in LF upper frame rail (2)	Y
21	Insurance company supplied photo of damage to right front (RF) upper frame rail before repair	Y
22	Close-up of buckle in RF frame rail	Y
23	Upper radiator support damage (1)	Y
24	Upper radiator support damage (2)	Y
25	Front bumper reinforcement (no visible damage) 1	N
26	Front bumper reinforcement (no visible damage) 2	N
27	Front bumper cover showing impact zone above emblem (note no damage below the level of the emblem)	Y
28	Front bumper cover showing impact zone above emblem (2)	Y
29	Front bumper cover showing impact zone above emblem (3)	Y
30	Front bumper cover showing impact zone above emblem (4)	Y
31	Front bumper cover showing impact zone above emblem (5)	Y
32	Front bumper cover showing impact zone above emblem (6)	Y
33	Left frame rail (no visible damage)	N
34	Close-up of left frame rail	N
35	Right frame rail (no visible damage)	N
36	Close-up of right frame rail	N
37	Right impact sensor (Connector is broken from impact and connector became disconnected)	Y
38	Right impact sensor connector view showing lock is still in locked position	Y
39	Right impact sensor end view	N
40	Left impact sensor intact and un-damaged	N
41	Left impact sensor connector intact and un-damaged	N
42	Passenger side roof rail air bag intact	N
43	Passenger side roof rail air bag intact	N
44	Driver's frontal airbag intact	N
45	Passenger frontal airbag intact	N
46	Driver side roof rail airbag intact	N
47	Driver side roof rail airbag intact	N
48	Driver's knee bolster airbag intact	N
49	Driver's seatbelt pretensioner not deployed	N
50	Passenger seatbelt pretensioner not deployed	N
51	Pedals not deformed	N

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

Section 2. Description and Photos

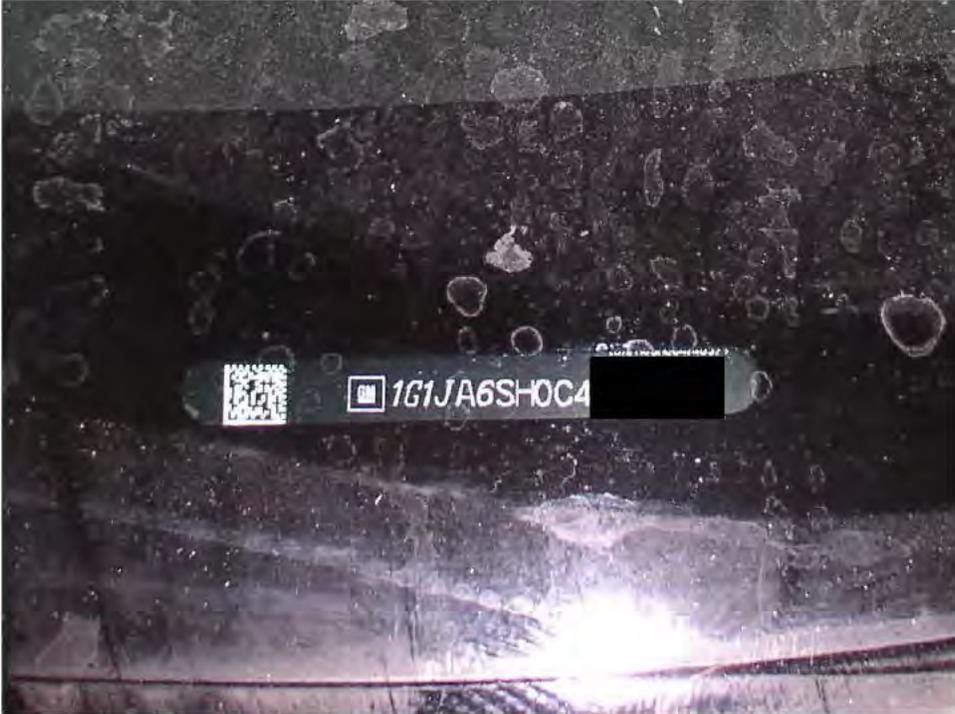
<u>Photo #</u>	<u>Description Only</u>	<u>Damage (Yes/No)</u>
1	Vin Plate 	N
2	Door Plate (GVWR) 	N

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

5	IP Cluster / Odometer 	N
6	Front (Exterior) <p style="text-align: center;">No Photo Available</p>	N

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

7 Passenger's Side (Exterior)



N

8 Rear (Exterior)



N

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

9	Driver's Side (Exterior)		N
---	--------------------------	--	---

10	Under Hood		Y
----	------------	--	---

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

11 Driver's Side (Interior)



N

12 Passenger's Side (Interior)

No Photo Available

N

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

13	Rear (Interior) 	N
N/A	Trunk/Hatch/Cargo Area (Rear hatch would not open due to prior issue) <p style="text-align: center;">No Photo Available</p>	N

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

15 Underbody 1



N

16 Underbody 2



N

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

17 Underbody 3



N

Crash Damage

18 Insurance company supplied photo of damage to the left front (LF) upper frame rail before repair



Y

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

19 Close-up of buckle in LF upper frame rail (1)



Y

20 Close-up of buckle in LF upper frame rail (2)



Y

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

21 Insurance company supplied photo of damage to right front (RF) upper frame rail before repair



Y

22 Close-up of buckle in RF frame rail



Y

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

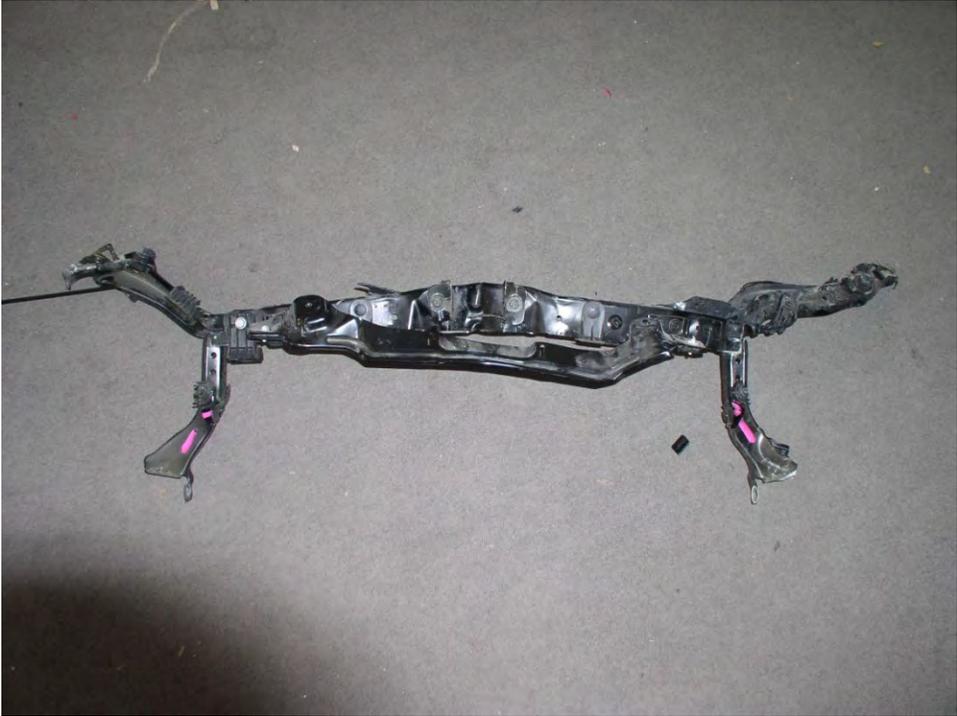
23	Upper radiator support damage (1) 	Y
24	Upper radiator support damage (2) 	Y

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

25 Front bumper reinforcement (no visible damage) 1



N

26 Front bumper reinforcement (no visible damage) 2



N

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

27 Front bumper cover showing impact zone above emblem (note no damage below the level of the emblem)



Y

28 Front bumper cover showing impact zone above emblem (2)



Y

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

29 Front bumper cover showing impact zone above emblem (3)



Y

30 Front bumper cover showing impact zone above emblem (4)



Y

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

31 Front bumper cover showing impact zone above emblem (5)



Y

32 Front bumper cover showing impact zone above emblem (6)



Y

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

33 Left frame rail (no visible damage)



N

34 Close-up of left frame rail



N

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

35 Right frame rail (no visible damage)



N

36 Close-up of right frame rail



N

Photo Log & Photos for Preliminary Inspection v.2.1

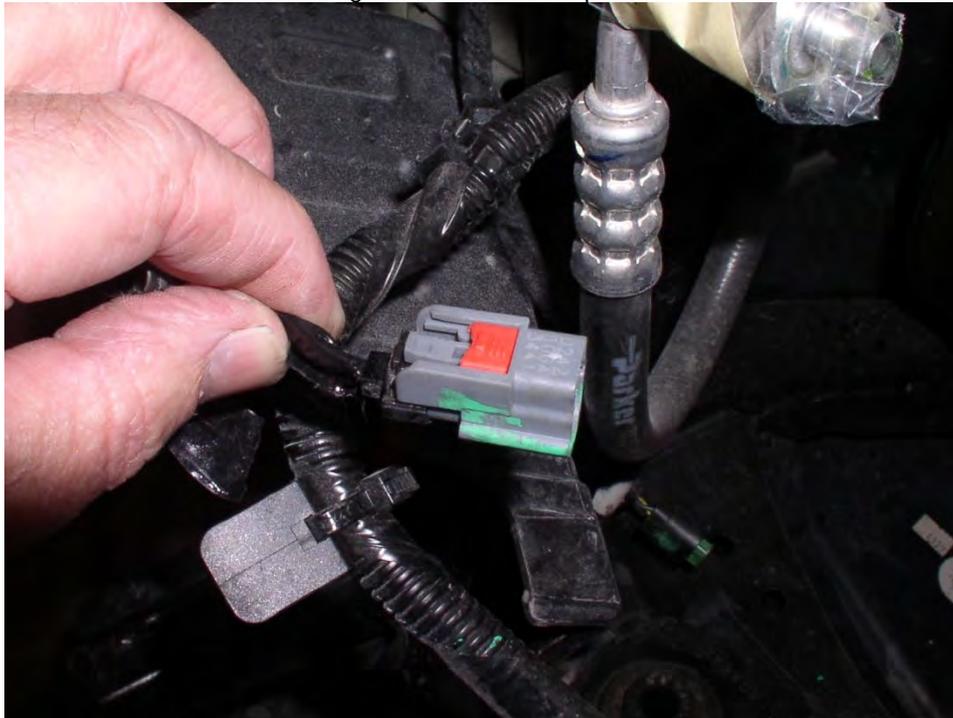
Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

37 Right impact sensor (Connector is broken from impact and connector became disconnected)



Y

38 Right impact sensor connector view showing lock is still in locked position



Y

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

39 Right impact sensor end view



N

40 Left impact sensor intact and un-damaged



N

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

41 Left impact sensor connector intact and un-damaged



N

Airbags and Seatbelts

42 Passenger side roof rail air bag intact



N

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

43 Passenger side roof rail air bag intact



N

44 Driver's frontal airbag intact



N

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

45 Passenger frontal airbag intact



N

46 Driver side roof rail airbag intact



N

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

47 Driver side roof rail airbag intact



N

48 Driver's knee bolster airbag intact



N

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

49 Driver's seatbelt pretensioner not deployed



N

50 Passenger seatbelt pretensioner not deployed



N

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
File case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

51 Pedals not deformed



N

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2011 Sonic
Case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

Mileage at inspection:	8,698	Inspection location:	Experts Only Collision 2
Inspected by:	Don Shalla	Address:	3680 Bijou Street, Colorado Springs, CO 80909
Inspector's phone number:	(248) 687-4346		

Was a dealer technician used? Yes No

Number of photos 51

If Yes, number of hours?

Number of DTCs N/A

If possible, document the RO number:

Maximum vehicle speed taken from CDR report: 54 mph

Did CDR detect a rollover event? Yes No

Section 1 INSPECTION SUMMARY

Provide driver/claimant's complete description of incident. Do not paraphrase the customer's words. This is a very important section of the report:

Mr. Perry stated that he was driving east on Platte Avenue and he didn't notice that the truck in front of him had slowed. Mr. Perry estimated that he was going about 45 mph when he hit the brakes. He was unable to stop and he rear ended the truck but Mr. Perry stated that he was not injured in the collision.

When the body shop was assessing the damage, they observed that the point of impact was above the main frame rails which might normally explain the lack of airbag deployment they told Mr. Perry. The body shop also told Mr. Perry that the airbag impact sensors on this vehicle are mounted on the upper radiator support which was heavily damaged in the collision. During the collision the connector on the right impact sensor was torn off. The body shop expressed concern to Mr. Perry that this was possibly the reason that the airbags did not deploy.

NOTE: FOR ALLEGATIONS OF AN INADVERTENT DEPLOYMENT WITH NO COLLISION, COMPLETE THE INADVERTENT AIRBAG DEPLOYMENT INSPECTION FORM.

<input checked="" type="checkbox"/>	Non-deployment (the airbag did not deploy and the claimant states that it should have)
<input type="checkbox"/>	Front <input type="checkbox"/> Side <input type="checkbox"/> Other <input type="checkbox"/>

<input type="checkbox"/>	Inadvertent deployment with a collision, (the claimant states that the airbag deployed when it should not have)
<input type="checkbox"/>	Front <input type="checkbox"/> Side <input type="checkbox"/> Other <input type="checkbox"/>

<input type="checkbox"/>	Improper deployment (e.g. the claimant states that the airbag deployed late or only partially)
<input type="checkbox"/>	Front <input type="checkbox"/> Side <input type="checkbox"/> Other <input type="checkbox"/>

<input type="checkbox"/>	Deployment-induced injury in a collision (the claimant states the deployment of the airbag caused an injury)
--------------------------	--

<input type="checkbox"/>	Other Describe: <input type="checkbox"/>
--------------------------	--

<input type="checkbox"/>	None: seat belt - related allegation only
--------------------------	---

Describe the seat belt related allegation below:

<input type="checkbox"/>	Non-activation (the claimant states that the seat belt did not restrain an occupant and it should have)
<input type="checkbox"/>	Induced injury (the claimant states the seat belt system caused an injury)
<input type="checkbox"/>	Other Describe: <input type="checkbox"/>
<input checked="" type="checkbox"/>	None: SIR - related allegation only

Driver seatbelt pretensioner deployed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Passenger seatbelt pretensioner deployed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2011 Sonic
Case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

Following the inspection, summarize the facts and observations:

I inspected the vehicle at Experts Only Collision. At the time of inspection the structural repairs had been completed and the vehicle was in the reassembly stages.

- The Power Distribution Center (PDC) which had been damaged in the collision was missing when I began the inspection. A new PDC was temporarily installed and a "jumper battery" was connected to power up the electrical system.
- I was able to download the CDR data through the DLC (see attached files in the [CDR DATA](#) folder).
- The Sensing and Diagnostic Module (SDM) recorded a "non deployment event" but no airbag deployment was commanded.
- All of the airbags are in a non-deployed state and are intact, as are the seatbelt pretensioners (photos 42-50).
- There is no visible damage to the brake pedal (photo 51).
- There is damage visible to the RF impact sensor "male" connector caused by the "female" connector being forcefully pulled off (photo 37). There is no visible damage to the "female" connector and the lock tab is in the "lock" position (photos 38 - 39).
- There is no damage to the LF impact sensor and the connector was properly connected when the body shop and insurance personnel inspected the vehicle (photos 40 - 41).
- No diagnostic equipment was available to check for stored Diagnostic Trouble Codes (DTCs).
- The technician working on the vehicle stated that he had performed the appropriate "tram" measurements when replacing the upper frame rails and stated that there was no structural damage to the main frame rails or to the strut towers.
- The point of impact was above the frame rails as evidenced by inspecting the front bumper and cover (photos 25-32).
- There is no damage to either the main frame rails or the bumper re-enforcement (photos 25, 26, and 33-36).
- There is heavy damage to the radiator support, upper frame rails, and fenders (photos 18-24).
- The insurance damage assessment is attached (file: [Insurance Damage Assesment.pdf](#)) for a detailed list of damaged parts and repairs performed.

Section 2 INTERVIEW – INCIDENT DETAILS

Interviewee name:	██████████ – Colorado Springs, CO ██████████
Phone number:	██████████
Date of interview:	10/22/2012
Interview mode: (Telephone or in person)	Telephone

Police report? Yes No
 Fire report? Yes No

Driver's Physical Description

Name:	██████████
Gender:	Male
Height:	6'2"
Weight:	270
Disabilities:	None

Driver's Trip Information

Hours	Minutes	Distance	Driver's Estimated Speed
	15	14	45 mph

Exact incident location: East bound Platte Ave. under S. Academy Overpass	Exact incident date & time: 10/09/2012 @ 3:00 p.m.
Weather condition & visibility: Sunny and Clear	Approximate temp (°F): 65-70

Was there a collision? Yes No

Were there any other occupants in the vehicle at the time of the incident? Yes No

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2011 Sonic
Case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

Occupant's Information (If Applicable)

Name:	Name:
Gender:	Gender:
Height:	Height:
Weight:	Weight:
Age:	Age:

Where were the other occupants seated?

Front Row:	<input type="checkbox"/> Right Front	<input type="checkbox"/> Front Center	<input type="checkbox"/> Left Rear
Second Row:	<input type="checkbox"/> Right Rear	<input type="checkbox"/> Center	<input type="checkbox"/> Left Rear
Third Row:	<input type="checkbox"/> Right Rear	<input type="checkbox"/> Center	<input type="checkbox"/> Left Rear

If the vehicle is a truck or a car trailering cargo at the time of the incident, estimate total weight of cargo and trailer	(lbs)
Load description:	

Any objects in the road? Yes No
 If yes, describe:

Did vehicle leave the roadway? Yes No
 If yes, what was impacted?

Was there any evasive action? Turning Braking Accelerating Other:

Road Surface:	<input type="checkbox"/> Concrete	<input checked="" type="checkbox"/> Asphalt	<input type="checkbox"/> Gravel	<input type="checkbox"/> Crushed Rock	<input type="checkbox"/> Dirt
Road Condition:	<input checked="" type="checkbox"/> Dry	<input type="checkbox"/> Wet	<input type="checkbox"/> Icy	<input type="checkbox"/> Other:	<input type="checkbox"/> Dirt
Shoulder/Curb Condition:	<input checked="" type="checkbox"/> Dry	<input type="checkbox"/> Wet	<input type="checkbox"/> Icy	<input type="checkbox"/> Other:	<input type="checkbox"/> Dirt
Select One---->	<input checked="" type="checkbox"/> Shoulder	<input type="checkbox"/> Curb			

Any unusual noises (bang, pop, tick, grinding, metallic, roar, etc.)? Yes No
 If Yes, from where?

Prior to or after the incident, were there any warning lights on, or messages displayed on the Driver's Information Center? Yes No
 If Yes, what indicator?

Has this condition been observed prior to this incident? Yes No
 If yes, how often?

Was the repair facility contacted regarding this concern? Yes No
 Is an invoice for the repair available? Yes No
 If Yes, what was the outcome?

Additional comments concerning the incident: The vehicle had been operating normally and no warning lamps were on or observed.

Section 3 VEHICLE HISTORY

---Obtain information for this section from Driver / Claimant---

If any information for this section is obtained from anyone other than the claimant, provide the name, address, phone number and relationship, if any, to the claimant

Name:	
Address:	
Phone number:	
Relationship to claimant:	

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2011 Sonic
Case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

Did the owner purchase the vehicle new? Yes No
 If yes, date of purchase?

If purchased used, provide the name, address of the seller and data of purchase:

Name:	
Address:	
Date of purchase:	

VEHICLE REPAIR / SERVICE HISTORY

If the answer is "Yes" to any of the following three questions, describe the repairs. Obtain copies of the repair order(s) if possible, and document the name of the service facility, its address, and telephone number.

Any repairs outside of warranty? Yes No

If yes, provide dates, descriptions of the repair(s) and repair invoices if possible:

Date	Repair Description / By Whom?

Prior electrical system service? Yes No

If yes, provide the following:

Date	Description

Prior collision repair? Yes No

If yes, provide the following:

Date	Description

Prior SIR and/or seat belt service, repair, or replacement? Yes No

If yes, provide the following:

Date	Description

VEHICLE MODIFICATIONS / ALTERATIONS

Ask if there are any vehicle modifications or alterations present, and has any after-market equipment been installed? Remember that if the vehicle has been pre-owned, the current owner may not know of any/all changes to the vehicle.

<input type="checkbox"/> Remote Start	<input type="checkbox"/> Suspension	<input type="checkbox"/> Tires/Wheels	<input type="checkbox"/> Turbo	<input type="checkbox"/> Aftermarket Exhaust
<input type="checkbox"/> Body Modifications	<input type="checkbox"/> Towing Equip.	<input type="checkbox"/> Security Alarm	<input type="checkbox"/> Wiring	<input type="checkbox"/> Headers
<input type="checkbox"/> Unknown				

If yes, describe component, who installed it, and capture photos:

Other vehicle history information from interview, GM Warranty, or Dealership history files? Yes No

If Yes, describe & make copies:

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2011 Sonic
Case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

Section 4 VEHICLE / SYSTEM INSPECTION

---Note---

Do Not "Clear Codes" from any on board module(s)

Use the scan tool to capture all diagnostic trouble codes (current or history), and photograph the screens (if a scan tool was used).

DTC	Symptom	Description	Current	History

SDM Crash Data Collection:

Describe and photograph any evidence that the passenger compartment may have had moisture intrusion or the SDM has incurred any damage due to moisture/corrosion. Visually inspect the carpet and floor pan for moisture and the SDM electrical connector male and female ends for signs of corrosion. If the SDM is mounted under a seat, visually inspect for any foreign objects that could affect the airbag system operation and, if found, inspect the area very carefully. Photograph as needed.

If the vehicle is equipped with roll-over protection, download the ROS data after downloading the CDR data. (See ROS Coverage document to determine whether vehicle is supported, and/or observe the icons on the function bar on the CDR screen.) SUV-type vehicles may have roll-over protection. An "Airbag" name will be embossed on the trim at the A and possibly B pillars of the vehicle.

NOTE: Some vehicles do not require the ignition key to be in the ignition "on" position in order to download the data

- OBTAIN DERM/SDM DOWNLOADS FOR ALL INADVERTENT DEPLOYMENT ALLEGATIONS
- IF POSSIBLE, AVOID CYCLING THE IGNITION KEY ON/OFF PRIOR TO OBTAINING THE DOWNLOAD
- PHOTOS OF THE CDR SCREEN ARE REQUIRED TO SHOW ANY ERROR MESSAGES

NOTE: Save the raw CDR and ROS files, and then a PDF files. Submit all files with report.

Was the CDR download available?

 Yes

 No

If "No", describe:

How was download obtained?

 ALDL / DLC

 Directly from module using adapter harness w/ Bosch CDR

If the download was obtained directly from the module, was the module removed from the vehicle?

 Yes

 No

If removed from the vehicle, describe and photograph the conditions under which the module was mounted when the download was obtained:

FRONT AREA: Describe any damage to the front of the vehicle. Observe and photograph whether the hood is opened, if it contacted or penetrated the windshield, and the location of the contact.

Photos 10 and 18-41.

LEFT SIDE EXTERIOR: Describe any damage to the door(s) and other body panels. Determine whether any door opened as a result of the impact. If so, photograph the latch, striker and the hinges.

There is no damage rearward of the fender or strut tower.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2011 Sonic
Case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

RIGHT SIDE EXTERIOR: Describe any damage to the door(s) and other body panels. Determine whether any door opened as a result of the impact. If so, photograph the latch, striker and the hinges.

There is no damage rearward of the fender or strut tower.

REAR AREA: Describe any damage to the rear of the vehicle. Observe and photograph whether the deck lid or rear hatch opened and note if the spare tire separated from the vehicle.

There is no visible damage to the rear of the vehicle.

ROOF / ROOF STRUCTURE: Describe any damage to the roof of the vehicle. Note if any convertible tops or removable roof panels did not remain attached, and photograph the latches.

There is no visible damage to the roof of the vehicle.

UNDERBODY / FRAME / CHASSIS AREA: The underbody should be carefully inspected and any damage to the underside of the vehicle completely described. Note the condition of the bumpers, frame, suspension, tires, wheels, & engine mount(s)/cross member. Briefly describe any damage or signs of impact to areas of the underbody and provide photos in the photo log.

There is no visible damage to the undercarriage of the vehicle (photos 15-17).

SIDE IMPACT INSPECTION

Identify and photograph the following items:

1. Door hinges on struck side damaged?
2. Door hinges on struck side separated?
3. Damage to striker/latch system?
4. Any rubber or paint transferred to the subject vehicle?
5. Damage from extrication tools (Jaws of Life)?
6. Separation of sheet metal along weld seams (doors, rocker panels, etc...)?
7. Side door beam damaged? (Photos if possible)
8. Side beam welds separated? (Photos if possible)
9. Interior door trim damaged?
10. Interior roof trim damaged near door opening?

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No

Identify and photograph the following (note the "non-struck" items):

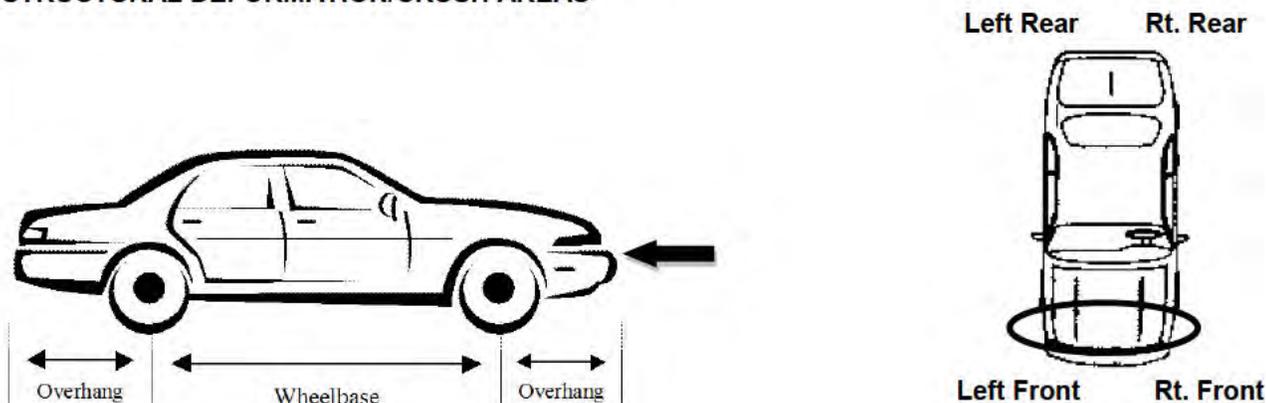
1. Hinges on "non-struck" side
2. Latch/striker on "non-struck" side
3. Door trim on "non-struck" side
4. Headliner / roof trim on "non-struck" side
5. Overhead view (if possible)
6. Underbody, front & rear suspension
7. Striking vehicle

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2011 Sonic
Case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

8. Any other vehicles involved

STRUCTURAL DEFORMATION/CRUSH AREAS



Please check all that apply:

Type of impact(s)? Frontal Side Rear Rollover Other: _____

The following dimensions should be obtained as they are important in determining the magnitude of the impact to the vehicle. See diagram for definitions of overhang. Do not report "No Change" in this section.

All values in inches:

Driver side wheelbase	<input type="text"/>	Passenger side wheelbase	<input type="text"/>
Driver side front overhang	<input type="text"/>	Passenger side front overhang	<input type="text"/>
Driver side rear overhang	<input type="text"/>	Passenger side rear overhang	<input type="text"/>

Maximum depth of crush (Inches):

<input type="text"/>	Front	<input type="text"/>	Driver's side
<input type="text"/>	Rear	<input type="text"/>	Passenger's side
<input type="text"/>	Roof		

Additional comments regarding exterior damage:

Repairs were in progress at the time of inspection. The body shop technician verified that the strut tower and main frame rail measurements are within factory specifications.

PRIOR DAMAGE

Document and photograph any damage that appears to have been present prior to this incident:

Does customer allege non-deployment of side airbags or roof rail airbags?

<input type="checkbox"/> Yes	<input type="checkbox"/> No
------------------------------	-----------------------------

NOTE: Complete the following if the customer allegation involves NON DEPLOYMENT of the side impact airbags or roof rail airbags. Otherwise leave the remaining portion of section blank. Identify and photograph the following items:

Door hinges on struck side damaged?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Door hinges on struck side separated?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2011 Sonic
Case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

Damage to striker/latch system?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Any rubber or paint transferred to the subject vehicle?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Damage from extrication tools (e.g. jaws of life)?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Separation of sheet metal along weld seams (doors, rocker panels, etc...)?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Side door beam damaged? (Photos if possible)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Side beam welds separated (Photos if possible)?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Interior door trim damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Interior roof trim damaged near door opening?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No

Additional comments:

Photograph the following:

Hinges on non-struck side	<input type="checkbox"/>	Overhead view (if possible)	<input type="checkbox"/>
Latch/striker on non-struck side	<input type="checkbox"/>	Door trim on non-struck side	<input type="checkbox"/>
Underbody, front & rear suspension	<input type="checkbox"/>	Headliner / roof trim on non-struck side	<input type="checkbox"/>
Striking vehicle (If available)	<input type="checkbox"/>	Any other vehicles involved (if possible)	<input type="checkbox"/>

INTERIOR INSPECTION (Photograph the side view of the steering wheel and column, the interior, and deployed airbags)

Interior reduced in size?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Where:
Intrusion by an external object?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Loose objects inside?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Cowl deformed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Floorpan / Toeapan deformed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Headliner / visors damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Inside rear-view mirror damaged	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Door trim damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Steering column displaced?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Steering column capsule bracket displaced?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Control knobs/ levers damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Accelerator/brake pedals deformed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Instrument panel damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Lower IP/Kneed bolster damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:

If any of the following are "Yes", capture photographs

Driver front airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger front airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Driver side airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger side airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Driver roof rail airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger roof rail airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Other? (pretensioners, etc.)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Other:

Windshield (W/S) damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No		
If Yes?	<input type="checkbox"/>	Cracked	<input type="checkbox"/>	Broken (Top inner layer)	<input type="checkbox"/>	Damaged by occupant contact
W/S separated from vehicle?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	%(Approx.)	Approximate % of perimeter separation

Steering wheel damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	
If Yes:	<input type="checkbox"/>	Rim	<input type="checkbox"/>	Hub	

If applicable, indicate the "clock" position of damage to the steering wheel: o'clock

(NOTE: The top of the steering wheel assembly is 12 o'clock, regardless if the wheel itself is turned.)

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	[REDACTED]	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2011 Sonic
Case #:	71-1115939706	VIN:	1G1JA6SH0C4 [REDACTED]

Tilt steering wheel? Yes No
 If yes, position? Low Med High

Telescoping steering wheel? Yes No
 If yes, position? Forward Middle Rearward

IF THERE WERE ANY TRANSFER MARKS PRESENT ON THE STEERING WHEEL, PHOTOGRAPH THEM

Were transfer marks present (clothing, makeup, etc.)? No Yes

If yes, describe? _____

If the SDM is located under a seat, visually inspect for foreign objects and water intrusion that could damage the module or its wiring. If any exist, remove the seat and conduct a more extensive examination of the area. Describe findings and photograph.

Any signs of water intrusion? Yes No

If yes, describe: _____

SEAT INSPECTION (Photograph damaged areas)

Type of front seat? Bucket Bench 50/50 Split Bench 60/40 Split Bench

DRIVER'S SEAT INFORMATION

Seat damage? Yes No
 If Yes, location? Seat bottom Backrest Headrest
 Seatback struck by rear occupant? Yes No

If yes, describe: _____

RIGHT FRONT PASSENGER SEAT INFORMATION

Seat damage? Yes No
 If Yes, location? Seat bottom Backrest Headrest
 Seatback struck by rear occupant? Yes No

If yes, describe: _____

Additional info regarding seat damage (Front or rear): _____

WINDOW INSPECTION

Note all window conditions: _____

RESTRAINT SYSTEM INSPECTION

Note: Do not "Clear Codes" from the on-board computer(s)

If equipped, are the pretensioners activated / deployed? Yes No

"Alleged", SIR Unit(s):

<input checked="" type="checkbox"/> Driver front	<input checked="" type="checkbox"/> Passenger front	<input checked="" type="checkbox"/> Driver side (door/seat)	<input checked="" type="checkbox"/> Passenger side (door/seat)
<input checked="" type="checkbox"/> Driver knee bag	<input checked="" type="checkbox"/> Passenger knee bag	<input checked="" type="checkbox"/> Roof rail airbag(s)	<input type="checkbox"/> Other: _____
<input checked="" type="checkbox"/> Driver pretensioner	<input checked="" type="checkbox"/> Passenger pretensioner		

Actual Deployed SIR(s):

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2011 Sonic
Case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

<input type="checkbox"/> Driver front	<input type="checkbox"/> Passenger front	<input type="checkbox"/> Driver side (door/seat)	<input type="checkbox"/> Passenger side (door /seat)
<input type="checkbox"/> Driver knee bag	<input type="checkbox"/> Passenger knee bag	<input type="checkbox"/> Roof rail airbag(s)	<input type="checkbox"/> Other:
<input type="checkbox"/> Driver Pretensioner	<input type="checkbox"/> Passenger Pretensioner		

INSPECT SIR WIRING and SENSORS (IF VISIBLE)

SIR wiring damaged?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
SIR sensors damaged / disconnected?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Describe: Disconnected by impact (photos 37-39)

If any airbag(s) deployed was it the:

Driver front airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:

Passenger front airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:

Driver side airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:

Passenger side airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:

Roof rail airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:

ALLEGATION THAT FRONT PASSENGER AIRBAG "DID NOT DEPLOY" IN A COLLISION

Complete this section if the customer alleges the FRONT PASSENGER airbag did not deploy in a collision. (Effective with the MY2007 NHTSA required all vehicles to be equipped with a Passenger Presence System.) Many vehicles were equipped with this feature prior to MY2007. Check the owner's manual and labels in the vehicle. The following information may be useful in evaluating those concerns.

If transfer marks are present, please provide: Age Height (feet & inches) Weight (lbs)

Note: For details on the front passenger's physical description, please refer to Section 2.

Record and photograph the passenger seat position measurement.

Seat track position: Inches

Measure the moveable track position in relation to the stationary base of the track at the front. Is the track forward of, or back from the base?

Forward of Back from

Photograph the measurement.

Driver seat position and its distance to the IP: Inches

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2011 Sonic
Case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

NOTE: THE FOLLOWING TEST WILL NOT WORK IF THE DOWNLOAD IS TAKEN DIRECTLY FROM THE SDM. RECONNECT SDM TO VEHICLE HARNESS TO PERFORM THE TEST. Take photos for documentation.

Perform the following check for vehicles equipped with a passenger airbag status indicator. NOTE: For some vehicles the key must be in the "on", or "run" position to perform the check.

Observe the PASSENGER airbag status indicator. Is the passenger airbag system "ON"? Yes No
 Sit in the passenger seat and observe the status indicator. Is the passenger airbag system "ON"? Yes No

Photograph the seat cover and cushion
 Photograph any signs of the RF seat occupant contact with the I/P or other interior area.

AIRBAG LIGHT FUNCTIONAL TEST RESULTS:

Airbag warning light came "ON" with the ignition key, blinked several times and went "OUT"? Yes No
 Airbag warning light came "ON" with the ignition key, blinked several times and stayed "ON"? Yes No

Describe any other results:

Turn on ignition, observe seat belt light. On? Yes No
 Buckle driver's seat belt. Seat belt light on? Yes No

When sitting in the passenger seat, does the passenger seat belt warning light (if equipped), illuminate when the belt is not buckled and go "OFF" when it is buckled? Yes No

SDM Crash Data Collection:

Describe and photograph any evidence that the passenger compartment may have had moisture intrusion or the SDM has incurred any damage due to moisture/corrosion. Visually inspect the carpet and floor pan for moisture and the SDM electrical connector male and female ends for signs of corrosion. If the SDM is mounted under a seat, visually inspect for any foreign objects that could affect the airbag system operation and, if found, inspect the area very carefully. Photograph as needed.

If the vehicle is equipped with roll-over protection, download the ROS data after downloading the CDR data. (See ROS Coverage document to determine whether vehicle is supported, and/or observe the icons on the function bar on the CDR screen.) SUV-type vehicles may have roll-over protection. An "Airbag" name will be embossed on the trim at the A and possibly B pillars of the vehicle.

- NOTE:** Some vehicles do not require the ignition key to be in the ignition "on" position in order to download the data
- OBTAIN SDM DOWNLOADS FOR ALL INADVERTENT DEPLOYMENT ALLEGATIONS
 - IF POSSIBLE, AVOID CYCLING THE IGNITION KEY ON/OFF PRIOR TO OBTAINING THE DOWNLOAD
 - PHOTOS OF THE CDR SCREEN ARE REQUIRED TO SHOW ANY ERROR MESSAGES

NOTE: Save the raw CDR and ROS files and then save them as PDF type files. Submit all .CDRx and PDF files with report.

Was the CDR download available? Yes No

If "No", describe:

How was download obtained? ALDL / DLC Directly from module using adapter harness w/ Bosch CDR

If the download was obtained directly from the module, was the module removed from the vehicle? Yes No

If removed from the vehicle, describe/photograph the conditions under which the module was mounted when the download was obtained:

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2011 Sonic
Case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

RESTRAINT SYSTEM INSPECTION (SEAT BELTS)

IF A COLLISION OCCURRED, THE SEAT BELTS SHOULD BE INSPECTED FOR SEAT BELT(S) POSITIONS OF ALL OCCUPANTS AT THE TIME OF COLLISION.

Location of inspected seatbelts:

<input checked="" type="checkbox"/> Driver	<input type="checkbox"/> Center front	<input checked="" type="checkbox"/> Passenger	<input type="checkbox"/> Third Row
<input type="checkbox"/> Driver's side rear	<input type="checkbox"/> Center rear	<input type="checkbox"/> Right rear	

Photograph: The overall belt assembly (both outboard positions, even if only the driver was present in the vehicle at the time of the incident). All visible components of the seat belt system and anchor points

If equipped, are the pretensioners activated / deployed? Yes No

NOTE: Answer the following questions for the driver's seat belt. If other seat belt positions are inspected, use the seat belt addendum to report inspection results. Identify and photograph the following items:

Is the driver's seatbelt fully retracted? Yes No

IF THE ANSWER IS NO, DO NOT DISTURB BELTS AT THIS TIME.

Secure webbing, measure length, and show measurement in a photo: Inches

If abnormalities are seen during the following, ensure you capture measurements and photos of the damage.

Does the webbing spool in and out freely (minimal effort)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	<input checked="" type="checkbox"/> Lap	<input checked="" type="checkbox"/> Shoulder
Marks, cuts or debris present on shoulder and lap belt webbing?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Webbing energy management loops (if equipped) - stitches pulled free, unfolded, replacement/warning label exposed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Tack stitch separated from plastic sleeve?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Webbing cut?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does guide loop assembly exhibit striations, bent, or deformed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does guide loop adjuster move up and down (if equipped)?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Does the seat belt buckle latch and unlatch?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the seat belt return to the stowed position when unbuckled?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Buckle condition (worn or foreign material present)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Any components missing?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the seat belt return to the stowed position when unbuckled?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Any post-collision damage present (e.g. rescue workers)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is the seat belt webbing cut? (If yes, photograph and record length of pieces):	<input type="text"/> Inches	

NOTE: If there were occupants in other seating positions, inspect those seating positions and report the results on the seat belt addendum. Include it with your report.

If possible, perform a dynamic "panic stop" type test with the vehicle.

Do the retractors on the belts being inspected appear to lock and hold properly? Yes No

If **No**, describe:

If vehicle is not drivable, jerk each belt inspected rapidly. (Note: Some inertia activated retractors will not lock on this test.) Did the retractors lock? Yes No

If **No**, which belts do not lock/hold?

Additional comments?

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2011 Sonic
Case #:	71-1115939706	VIN:	1G1JA6SH0C4██████████

Section 5 SITE INSPECTION

NOTE: In most instances a site inspection is not required on vehicles with no damage present (e.g. claimant says they hit a pot hole...)

Was a site inspection performed? Yes No

Comments?

Posted speed where the incident occurred? (mph)

SITE INSPECTION: PERFORM THE FOLLOWING IF ADDITIONAL INFORMATION MAY BE FOUND:

- If the customer can identify the incident scene and verify tire marks, gouges in the pavement, debris, or any police marks at the scene, measure location of the items and photograph.
- Identify evidence of whether the vehicle left the road prior to, during, or after the incident. Document all locations, distances, etc...
- Identify evidence & photograph any object struck by the vehicle on or off the road prior to, during, or after incident.
- Inspect roadway & shoulder surfaces in the area of the incident site for telltale signs of loss of control, excessive speed, severe braking, etc.

Photograph the scene and any property involved. Only factual comments should be entered in this section:

Section 6 COMMENT OVERFLOW

Please use this area for additional comments from the inspection form. Please note the section and area that the comments are continued from prior to each comment.

Section 7 OTHER REPORT INFORMATION

Check here if there was evidence of a "Fire-Related" event.

According to NHTSA, "fire" means combustion or burning of material in or from a vehicle as evidenced by flame. The term also includes, but is not limited to, thermal events and fire-related phenomena such as smoke, sparks or smoldering, but does not include events and phenomena associated with a normally functioning vehicle, such as combustion of fuel within an engine or exhaust from an engine.

Attachments: (Check all that apply)

Photographs Data Downloads Other Records



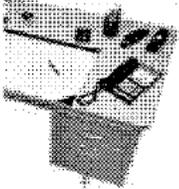
rod.gasperik@gm.com
11/02/2012 01:53 PM

To: faith_jackson@gmexpert.com
cc
bcc
Subject: Re: Subject: 71-1115939706 PAR Recommended <Denial>
BRM Approval Required

Have reviewed and agree with denial

Nothing in this message is intended to constitute an electronic signature unless a specific statement to the contrary is included in this message.

Confidentiality Note: This message is intended only for the person or entity to which it is addressed. It may contain confidential and/or privileged material. Any review, transmission, dissemination or other use, or taking of any action in reliance upon this message by persons or entities other than the intended recipient is prohibited and may be unlawful. If you received this message in error, please contact the sender and delete it from your computer.



Faith Jackson/Austin/GM1

11/02/2012 01:30 PM

To rod.gasperik@gm.com

cc ashenafie.tsegaye@gm.com

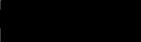
bcc

Subject Subject: 71-1115939706 PAR Recommended <Denial>
BRM Approval Required

A recent product allegation claim was made in your region. The customer alleged his vehicle was involved in a collision where the airbags did not deploy and the customer feels they should have.



2012 Chevrolet Sonic

1G1JA6SH0C4 

PAR is recommending <denial> to resolve the customer's claim. Please respond with your <denial>. Once we receive it, the decision will be relayed to the customer and the involved dealership.

Best wishes,
Faith Jackson | CRS

Aditya Birla Minacs | inspired every day
7401 E. Ben White Blvd, Bldg. F, Austin, TX 78741
Phone 866-790-5600 x31243 | Fax 866-852-1526 | www.minacs.adityabirla.com

Dalia Rangel/Austin/GM1

10/29/2012 10:48 AM

To steven.w.archer@gm.com

cc

bcc

Subject 71-1121593151 PAR Case Handled within BRC No Action
Required

A product allegation claim has been made in your district. The customer is alleging veh was involved in a collision and the airbags did not deploy.

[REDACTED]

2012 Chevrolet Cruze

1G1PC5SH1C7 [REDACTED]

Dealership, City, State (BAC) 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 | CRS

Aditya Birla Minacs | 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

September 18, 2013

[REDACTED]
Cape Coral, FL [REDACTED]

Service request: 71-1122716517

Vehicle Identification Number: 1G1JB5SH6C [REDACTED]

Customer Relationship Specialist: Kellin

Dear Ms. [REDACTED]:

Thank you for allowing us the opportunity to review the product allegation involving your 2012 Chevrolet Sonic. Unfortunately, our attempts to reach you by phone on November 13, 2012 and November 14, 2012 were unsuccessful.

Therefore, we will not be able to take any further action regarding your concern until we have an opportunity to discuss this with you. We will continue to hold your file open for 10 days.

Please contact our Business Resource Center at 1-800-231-1841 Monday through Friday between 8:00 a.m. and 5:00 p.m., Eastern Time. Please refer to your service request number above when calling.

Sincerely,

General Motors

cc: FILE

PA0005
V10202009



**Kellin
Babbs/Austin/GM1**

11/13/2012 05:56 PM

To scott.roslund@gm.com

cc

bcc

Subject 71 1122716517 PAR Case Handled within BRC No
Action Required

A product allegation claim has been made in your district. The customer is alleging that their daughter was in a head on collision in which the airbags did not deploy.

[REDACTED]

2012 Chevrolet Sonic

1G1JB5SH6C4 [REDACTED]

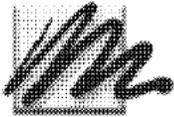
Bill Branch Chevrolet, Inc. Fort Myers FL 114734

(239) 936-8561- Randy Curtis - Service Advisor

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

Respectfully,
Kellin Babbs I CRS

Aditya Birla Minacs I inspired every day
7401 E. Ben White Blvd, Bldg. F, Austin, TX 78741
Phone: 866-790-5600 31460 I Fax: 866-311-2784 I www.minacs.adityabirla.com
Follow us on Twitter



Thaddeus
Kinzer/Austin/GM1
11/06/2012 12:41 PM

To domingo.p.garcia@gm.com
cc
bcc
Subject (MO) 71-1124117443 PAR Case Sent to ESIS · No Action
Required

A product allegation claim has been made in your region. The customer is alleging airbag did not deploy during a collision. This case is being escalated to ESIS because of injuries.

Customer [REDACTED]
2012 Chevrolet Sonic
1G1JC5SH9C4 [REDACTED]
Dealership: no dealer involved
Dealership Contact: n/a

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

If you have further questions, please contact Customer Relationship Specialist Thaddeus at 866-790-5700 x41039, or by fax at 866-775-9477. You may also contact the Business Resource Center at 800-231-1841, Monday through Friday between 8:00 am and 5:00 pm, Eastern Time. Please refer to the service request number above.

Sincerely,

General Motors

Jose Garcia/Austin/GM1

11/09/2012 01:36 PM

To david.w.brei@gm.com

cc

bcc

Subject 71-1125403698 PAR Case Sent to ESIS No Action Required

A product allegation claim has been made in your region. The customer is alleging non-deployment of airbags during collision. This case is being escalated to ESIS because of injuries.

██████████
2012 Chevrolet Sonic

1G1JC5SH4C4 ██████████

Van Devere Chevrolet, Akron OH, BAC 255923

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

Best wishes,
Joe Garcia | CRS

Aditya Birla Minacs | inspired every day
7401 E. Ben White Blvd, Bldg. F, Austin, TX 78741
Phone 866-790-5600 x11291 | Fax 866-270-0217 | www.minacs.adityabirla.com

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Dalia Rangel/Austin/GM1

11/15/2012 03:00 PM

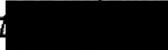
To scott.w.herberts@gm.com

cc

bcc

Subject 71-1126830205 PAR Case Sent to ESIS No Action Required

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


2012 Chevrolet Impala
2G1WA5E38C1 
Dealership, City, State (BAC) 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 | CRS

Aditya Birla Minacs | 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

Lynda Eichorst/Austin/GM1

11/23/2012 10:56 AM

To david.w.brei@gm.com

cc

bcc

Subject 71-1127230656 PAR Case Sent to ESIS. No Action
Required

A product allegation claim has been made in your region. The customer is alleging the driver's front airbag did not deploy during a collision. This case is being escalated to ESIS because of injuries.

[REDACTED]
2012 Chevrolet Cruze

1G1PC5SH7C [REDACTED]

No dealer involvement

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

If you have further questions, please contact Customer Relationship Specialist Lynda at 866-790-5600 ext 31093, Fax 866-393-8086. You may also contact the Business Resource Center at 800-231-1841, Monday through Friday between 8:00 am and 5:00 pm, Eastern Time. Please refer to the service request number above.

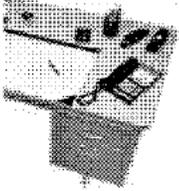
Sincerely,

Lynda Eichorst

Aditya Birla Minacs | inspired every day

7401 E. Ben White Blvd, Bldg. F, Austin, TX 78741

Phone 866-790-5600 ext 31093 | Fax 866-393-8086 | www.minacs.adityabirla.com | Follow us on
Twitter



Faith Jackson/Austin/GM1

12/04/2012 10:30 AM

To carmaleta.1.mckinnis-williams@gm.com

cc

bcc

Subject Subject: 71-1131644033 PAR Case Handled within BRC No
Action Required

A product allegation claim has been made in your district. The customer is alleging the vehicle was involved in a collision where the airbags did not deploy and the customer feels they should have.



2012 Chevrolet Cruze

1G1PF5SC2C7

no dealership involvement

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

Best wishes,
Faith Jackson | CRS

Aditya Birla Minacs | inspired every day
7401 E. Ben White Blvd, Bldg. F, Austin, TX 78741
Phone 866-790-5600 x31243 | Fax 866-852-1526 | www.minacs.adityabirla.com

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	1G1PF5SC2C7 [REDACTED]
User	[REDACTED]
Case Number	71-1131644033
EDR Data Imaging Date	12/07/2012
Crash Date	11/27/2012
Filename	1G1PF5SC2C7 [REDACTED].ACM.CDRX
Saved on	Friday, December 7 2012 at 12:19:52
Collected with CDR version	Crash Data Retrieval Tool 8.0
Reported with CDR version	Crash Data Retrieval Tool 8.0
EDR Device Type	Airbag Control Module
Event(s) recovered	Non-Deployment

Comments

Claimant states driver air bag did not deploy during collision

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. Velocity Change and Acceleration data are displayed in SAE sign convention.

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. Vehicle Recorded Acceleration and Roll Rate data are displayed in SAE sign convention.

-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 at a 10 millisecond sample rate and is displayed in seconds for a maximum time of 655.33 seconds. The counter measures 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.
- 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 deployment times for subsequent deployment type events, during the same ignition cycle, will not be recorded. Also, forced timer loops, will not be shown as being commanded to deploy. Loops without their own independent deployment calibration are called "forced timer loops." Examples of a forced timer loops are Pretensioner Deployment Loop #2 and Knee Deployment Loop.
- 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.

01042_SDM10P-autoliv_r009

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	0
Vehicle Identification Number (VIN)	1G1PF5SC2C7 [REDACTED]
Ignition Cycle, Download (Ignition Cycles at Investigation)	1660
End Model Part Number	00CF4A08
System Type	Autoliv
Software Module Identifier 1	00CF4A09
Software Module Identifier 2	05B7AAFA
Software Module Identifier 3	00CF2D7D
Manufacturing Traceability Data, Component Identifier	AS
Manufacturing Traceability Data, Part Number/Broadcast Code	4904
Manufacturing Traceability Data, Supplier Code	E
Manufacturing Traceability Data, Traceability Number	050187552
ESS # 1 Traceability Data, Component Identifier	AU
ESS # 1 Traceability Data, Part Number/Broadcast Code	2577
ESS # 1 Traceability Data, Supplier Code	E
ESS # 1 Traceability Data, Traceability Number	015BFC9DB
ESS # 2 Traceability Data, Component Identifier	AT
ESS # 2 Traceability Data, Part Number/Broadcast Code	2577
ESS # 2 Traceability Data, Supplier Code	E
ESS # 2 Traceability Data, Traceability Number	015BFE315
ESS # 3 Traceability Data, Component Identifier	AH
ESS # 3 Traceability Data, Part Number/Broadcast Code	2577
ESS # 3 Traceability Data, Supplier Code	E
ESS # 3 Traceability Data, Traceability Number	015BBD414
ESS # 4 Traceability Data, Component Identifier	AJ
ESS # 4 Traceability Data, Part Number/Broadcast Code	2577
ESS # 4 Traceability Data, Supplier Code	E
ESS # 4 Traceability Data, Traceability Number	015C1843D
ESS # 5 Traceability Data, Component Identifier	DA
ESS # 5 Traceability Data, Part Number/Broadcast Code	4936
ESS # 5 Traceability Data, Supplier Code	E
ESS # 5 Traceability Data, Traceability Number	015C310C9
ESS # 6 Traceability Data, Component Identifier	DB
ESS # 6 Traceability Data, Part Number/Broadcast Code	4936
ESS # 6 Traceability Data, Supplier Code	E
ESS # 6 Traceability Data, Traceability Number	015C354B9
ESS # 7 Traceability Data, Component Identifier	00
ESS # 7 Traceability Data, Part Number/Broadcast Code	0000
ESS # 7 Traceability Data, Supplier Code	E
ESS # 7 Traceability Data, Traceability Number	000000000
ESS # 8 Traceability Data, Component Identifier	??
ESS # 8 Traceability Data, Part Number/Broadcast Code	????
ESS # 8 Traceability Data, Supplier Code	?
ESS # 8 Traceability Data, Traceability Number	?????????

System Status at Event (Event Record 1)

Type of event (deployment/non-deployment)	Non-Deployment
Data Recording Complete - Deployment Status Data	Yes
Complete file recorded (Event Recording Complete)	Yes
Crash Record Locked	No
Data Recording Complete - SDM Recorded Vehicle Velocity Change Data	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)	1637
Algorithm Active: Frontal	Yes
Algorithm Active: Side	No
Algorithm Active: Rollover	Yes
Algorithm Active: Rear	No
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	No
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
Driver Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available
Center Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available
Passenger Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available
Driver Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Center Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Passenger Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Seat Track Position Switch, Foremost, Status, Driver (Driver Seat Position Status) (If Equipped)	Data Not Available
Seat Track Position Switch, Foremost, Status, Right Front Passenger (Passenger Seat Position Status) (If Equipped)	Data Not Available
Passenger Seat Occupancy Status	Empty
Passenger Classification Status	Not Applicable
Passenger SIR Suppression Switch Circuit Status (If Equipped)	Data Not Available
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)	655330
Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	9
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]	-13 [-21]
Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM Recorded Vehicle Velocity Change)(msec)	138
Maximum Delta-V, Lateral (Maximum Lateral SDM Recorded Vehicle Velocity Change for FSR Event) MPH [km/h]	4 [7]
Time Maximum Delta-V, Lateral (Time From FSR Time Zero to Maximum Lateral SDM Recorded Vehicle Velocity Change)(msec)	64

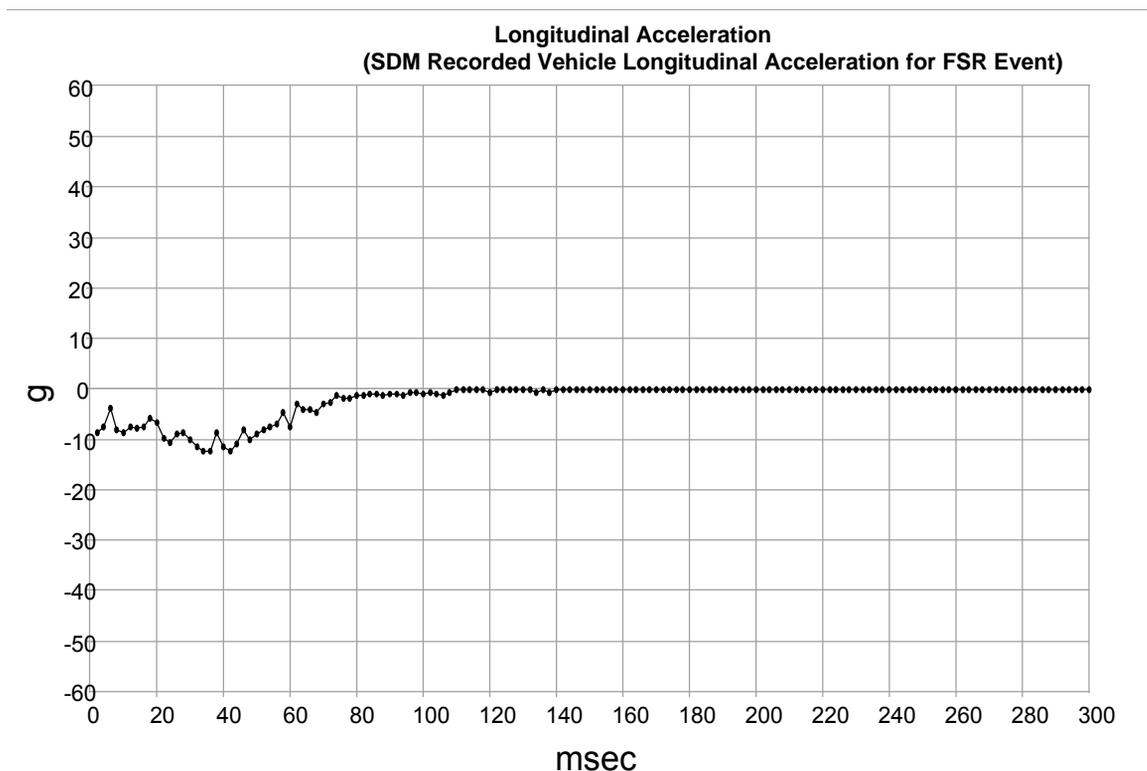
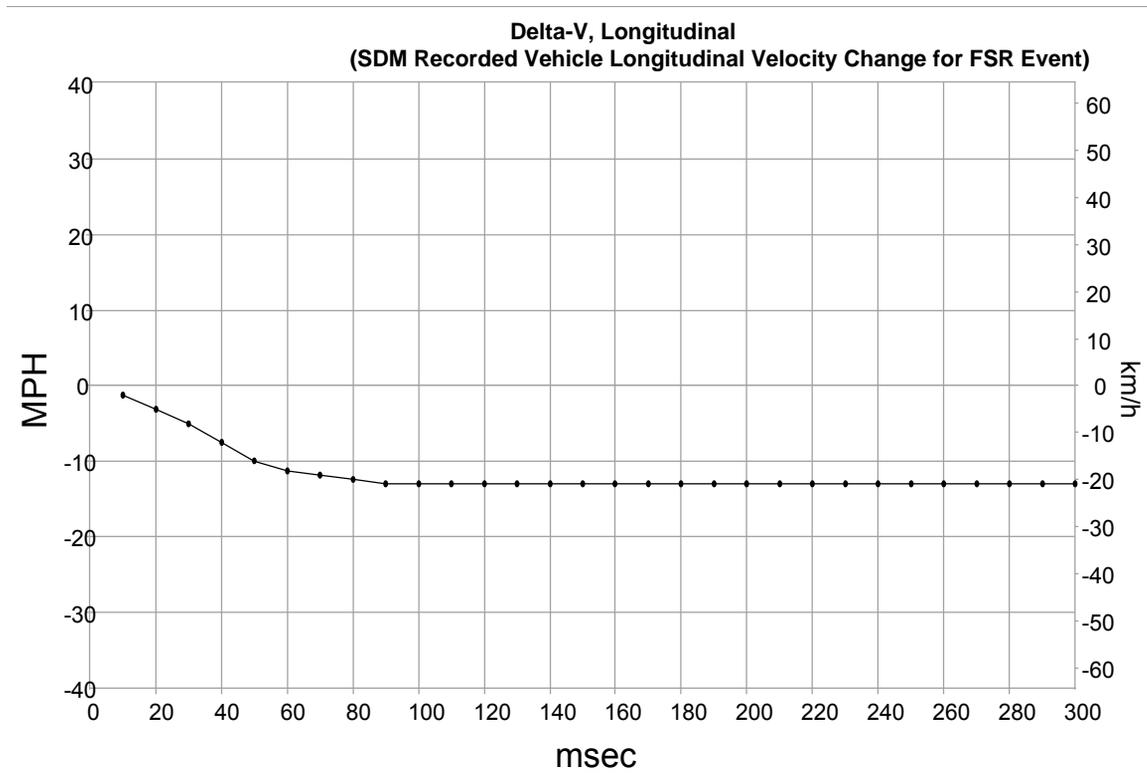
DTCs Present at Time of Event (Event Record 1)

No Diagnostic Trouble Codes

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	No
Passenger Pretensioner Deployment Loop #1 Commanded	No
Driver Pretensioner Deployment Loop #2 Commanded (If Equipped)	No
Passenger Pretensioner Deployment Loop #2 Commanded (If Equipped)	No
Driver Thorax Loop Commanded (If Equipped)	No
Passenger Thorax Loop Commanded (If Equipped)	No
Driver Row 2 Thorax Loop Commanded (If Equipped)	No
Passenger 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
Driver Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Passenger Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Driver Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Passenger 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
Driver Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No
Passenger Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	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
Driver Row 2 Head Rest Loop Commanded (If Equipped)	No
Passenger 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)	Data Not Available
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)	Data Not Available

Longitudinal Crash Pulse (Event Record 1)



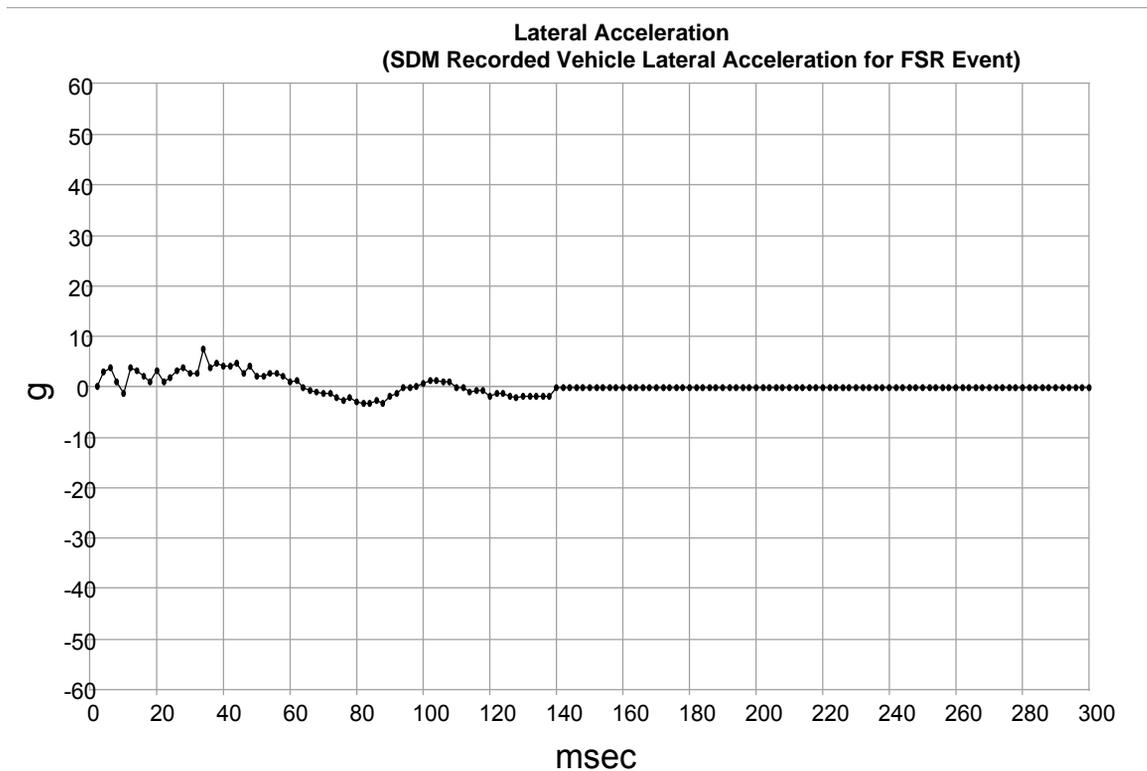
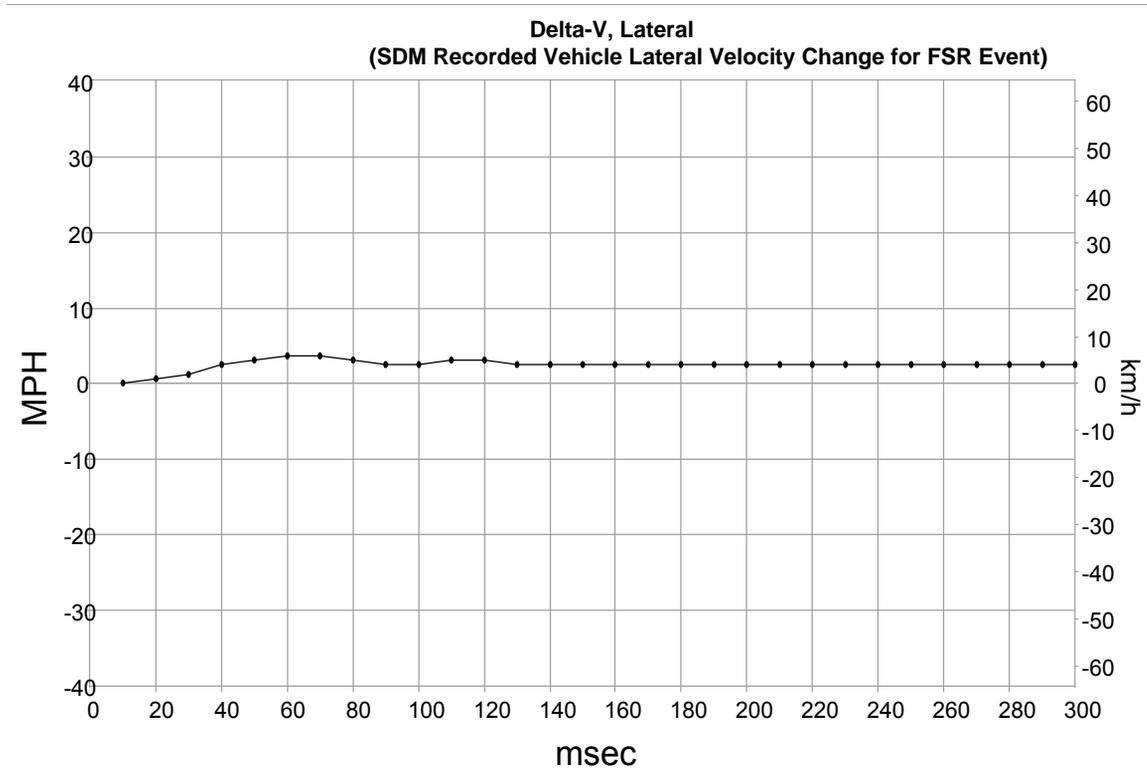
Longitudinal Crash Pulse (Event Record 1)

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	-3.1	-5.0
30	-5.0	-8.0
40	-7.5	-12.0
50	-9.9	-16.0
60	-11.2	-18.0
70	-11.8	-19.0
80	-12.4	-20.0
90	-13.0	-21.0
100	-13.0	-21.0
110	-13.0	-21.0
120	-13.0	-21.0
130	-13.0	-21.0
140	-13.0	-21.0
150	-13.0	-21.0
160	-13.0	-21.0
170	-13.0	-21.0
180	-13.0	-21.0
190	-13.0	-21.0
200	-13.0	-21.0
210	-13.0	-21.0
220	-13.0	-21.0
230	-13.0	-21.0
240	-13.0	-21.0
250	-13.0	-21.0
260	-13.0	-21.0
270	-13.0	-21.0
280	-13.0	-21.0
290	-13.0	-21.0
300	-13.0	-21.0

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	-8.6	102	-0.6	202	-0.2
4	-7.4	104	-1.0	204	-0.2
6	-3.8	106	-1.4	206	-0.2
8	-8.2	108	-0.6	208	-0.2
10	-8.6	110	-0.2	210	-0.2
12	-7.4	112	-0.2	212	-0.2
14	-7.8	114	-0.2	214	-0.2
16	-7.4	116	-0.2	216	-0.2
18	-5.8	118	-0.2	218	-0.2
20	-6.6	120	-0.6	220	-0.2
22	-9.8	122	-0.2	222	-0.2
24	-10.6	124	-0.2	224	-0.2
26	-9.0	126	-0.2	226	-0.2
28	-8.6	128	-0.2	228	-0.2
30	-10.2	130	-0.2	230	-0.2
32	-11.4	132	-0.2	232	-0.2
34	-12.2	134	-0.6	234	-0.2
36	-12.2	136	-0.2	236	-0.2
38	-8.6	138	-0.6	238	-0.2
40	-11.4	140	-0.2	240	-0.2
42	-12.2	142	-0.2	242	-0.2
44	-11.0	144	-0.2	244	-0.2
46	-8.2	146	-0.2	246	-0.2
48	-10.2	148	-0.2	248	-0.2
50	-9.0	150	-0.2	250	-0.2
52	-8.2	152	-0.2	252	-0.2
54	-7.4	154	-0.2	254	-0.2
56	-7.0	156	-0.2	256	-0.2
58	-4.6	158	-0.2	258	-0.2
60	-7.4	160	-0.2	260	-0.2
62	-3.0	162	-0.2	262	-0.2
64	-4.2	164	-0.2	264	-0.2
66	-4.2	166	-0.2	266	-0.2
68	-4.6	168	-0.2	268	-0.2
70	-3.0	170	-0.2	270	-0.2
72	-2.6	172	-0.2	272	-0.2
74	-1.4	174	-0.2	274	-0.2
76	-1.8	176	-0.2	276	-0.2
78	-1.8	178	-0.2	278	-0.2
80	-1.4	180	-0.2	280	-0.2
82	-1.4	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	-1.4	188	-0.2	288	-0.2
90	-1.0	190	-0.2	290	-0.2
92	-1.0	192	-0.2	292	-0.2
94	-1.4	194	-0.2	294	-0.2
96	-0.6	196	-0.2	296	-0.2
98	-0.6	198	-0.2	298	-0.2
100	-1.0	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	0.6	1.0
30	1.2	2.0
40	2.5	4.0
50	3.1	5.0
60	3.7	6.0
70	3.7	6.0
80	3.1	5.0
90	2.5	4.0
100	2.5	4.0
110	3.1	5.0
120	3.1	5.0
130	2.5	4.0
140	2.5	4.0
150	2.5	4.0
160	2.5	4.0
170	2.5	4.0
180	2.5	4.0
190	2.5	4.0
200	2.5	4.0
210	2.5	4.0
220	2.5	4.0
230	2.5	4.0
240	2.5	4.0
250	2.5	4.0
260	2.5	4.0
270	2.5	4.0
280	2.5	4.0
290	2.5	4.0
300	2.5	4.0

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	1.4	202	-0.2
4	3.0	104	1.4	204	-0.2
6	3.8	106	1.0	206	-0.2
8	1.0	108	1.0	208	-0.2
10	-1.4	110	-0.2	210	-0.2
12	3.8	112	-0.2	212	-0.2
14	3.4	114	-1.0	214	-0.2
16	2.2	116	-0.6	216	-0.2
18	1.0	118	-0.6	218	-0.2
20	3.4	120	-1.8	220	-0.2
22	1.0	122	-1.4	222	-0.2
24	1.8	124	-1.4	224	-0.2
26	3.4	126	-1.8	226	-0.2
28	3.8	128	-2.2	228	-0.2
30	2.6	130	-1.8	230	-0.2
32	2.6	132	-1.8	232	-0.2
34	7.4	134	-1.8	234	-0.2
36	3.8	136	-1.8	236	-0.2
38	4.6	138	-1.8	238	-0.2
40	4.2	140	-0.2	240	-0.2
42	4.2	142	-0.2	242	-0.2
44	4.6	144	-0.2	244	-0.2
46	2.6	146	-0.2	246	-0.2
48	4.2	148	-0.2	248	-0.2
50	2.2	150	-0.2	250	-0.2
52	2.2	152	-0.2	252	-0.2
54	2.6	154	-0.2	254	-0.2
56	2.6	156	-0.2	256	-0.2
58	2.2	158	-0.2	258	-0.2
60	1.0	160	-0.2	260	-0.2
62	1.4	162	-0.2	262	-0.2
64	-0.2	164	-0.2	264	-0.2
66	-0.6	166	-0.2	266	-0.2
68	-1.0	168	-0.2	268	-0.2
70	-1.4	170	-0.2	270	-0.2
72	-1.4	172	-0.2	272	-0.2
74	-2.2	174	-0.2	274	-0.2
76	-2.6	176	-0.2	276	-0.2
78	-2.2	178	-0.2	278	-0.2
80	-3.0	180	-0.2	280	-0.2
82	-3.4	182	-0.2	282	-0.2
84	-3.4	184	-0.2	284	-0.2
86	-2.6	186	-0.2	286	-0.2
88	-3.4	188	-0.2	288	-0.2
90	-1.8	190	-0.2	290	-0.2
92	-1.4	192	-0.2	292	-0.2
94	-0.2	194	-0.2	294	-0.2
96	-0.2	196	-0.2	296	-0.2
98	0.2	198	-0.2	298	-0.2
100	0.6	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	7	Off	1600	18	35 [57]
-4.5	7	Off	1600	19	35 [56]
-4.0	7	Off	1600	19	35 [56]
-3.5	7	Off	1600	19	35 [56]
-3.0	7	Off	1600	19	35 [56]
-2.5	7	Off	1600	19	35 [56]
-2.0	7	Off	1600	19	34 [55]
-1.5	7	Off	1600	19	34 [55]
-1.0	7	Off	1600	19	34 [55]
-0.5	0	Off	1600	18	34 [55]

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	11 [15]	Off
-1.5	No	No	No	11 [16]	Off
-1.0	No	No	No	11 [16]	Off
-0.5	No	No	No	11 [16]	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.

DPID \$32
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DID \$03
41 54 32 35 37 37 45 30 31 35 42 46 45 33 31 35

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44 41 34 39 33 36 45 30 31 35 43 33 31 30 43 39

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DID \$C3
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00 CF 4A 08

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0230 64 8B 6B 86 66 8A 69 85 6B 85
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0280 7C 7F 7E 7F 7E 80 7D 81 7E 83
0290 7D 83 7C 82 7E 82 7F 7F 7F 7F
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Disclaimer of Liability

The users of the CDR product and reviewers of the CDR reports and exported data shall ensure that data and information supplied is applicable to the vehicle, vehicle's system(s) and the vehicle ECU. Robert Bosch LLC and all its directors, officers, employees and members shall not be liable for damages arising out of or related to incorrect, incomplete or misinterpreted software and/or data. Robert Bosch LLC expressly excludes all liability for incidental, consequential, special or punitive damages arising from or related to the CDR data, CDR software or use thereof.



71-1131644033 GM Product Allegation Investigation Request
Al Difalco to: Al Difalco

12/06/2012 02:42 PM

PAR Information Provided:

PAR Record Number:

Number : PAR0001090

Provided Information:

PAR File Number : 71-1131644033

Customer Information:

Customer First Name : [REDACTED]

[REDACTED]

Customer City : Copperas Cove

Customer State : TX

Customer Zip Code [REDACTED]

[REDACTED]

Customer Work Phone :

Customer Cell Phone :

Vehicle Information:

VIN : 1G1PF5SC2C7 [REDACTED]

Vehicle Year : 2012

Vehicle Make : Chevrolet

Vehicle Model : Cruze

Vehicle Mileage : 15600

Vehicle Location Information:

Dealer/Salvage/Other : Other

POC Name : Casey

POC Phone : (254) 518-2900

POC Email :

Dealer BAC :

Name of Business : Pace Line Auto Collision

Vehicle Location Address : 2514 E Highway 190

Vehicle Location City : Copperas Cove

Vehicle Location State : TX

Vehicle Location Zip Code : 76522

Customer Concerns:

Air Bag Deployment Concern - In a Collision : true

Air Bag Deployment Concern - No Collision : false

Accelerator/Throttle Concern : false

Brakes ABS Concern : false

Engine/Transmission/Drivetrain Concern : false

Fire/Thermal Event Concern : false

Restraint/SIR/Seats/Seatbelt Concern : true

Steering/Suspension/Tire/Wheels Concern : false

Water/Moisture/Odor Concern : false

Additional Information Concern : driver was on her way to the store when incident happened, another car cut across 3 lanes of highway to get somewhere. and the customer car t-boned another car. The customer's car was traveling at 40mph.

CSR Information:

Requestor Name : Faith Jackson

Requestor Email : faith_jackson@gmexpert.com

Requestor Phone : (866) 790-5600 Ext 31243

Requestor Fax : 866-852-1526

Ref:MSG0396846



Training Support
<trainingsupport@trainingsu
pportadmin.com>

12/19/2012 08:23 AM

Please respond to
trainingsupport@trainingsuppo
rtadmin.com

To faith_jackson@gmexpert.com

cc

bcc

Subject Product Allegation Request 71-1131644033 has been
Completed

Faith Jackson,

Your request for PAR File Number: 71-1131644033 has been completed.

PAR Investigator Assigned Date:

PAR Investigation Completed Date: 2012-12-12 13:27:34 PST

PAR Report Available Date: 2012-12-17 04:56:47 PST

Please retrieve the Investigation details from the FTP site <https://ftp.raytr.com>

Thank you,
Raytheon Professional Services

Ref:MSG0406383

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

Inspector (First & Last Name):	Jeff Torrieri
Number of photos:	63

Section 1. Description

Photo #	Description Only	Damage (Yes/No)
71-1131644033-1	Vin Plate	No
71-1131644033-2	Door Plate (GVWR & Tires Specs)	No
71-1131644033-3	RPO Plate	No
71-1131644033-4	Cluster (Odometer)	No
71-1131644033-5	Front	Yes
71-1131644033-6	Passenger Side	No
71-1131644033-7	Rear	No
71-1131644033-8	Driver's Side	No
71-1131644033-9	Driver's side rear	No
71-1131644033-10	Driver's side front	Yes
71-1131644033-11	Damage to left front rocker panel	Yes
71-1131644033-12	Damage to right front door skin compressed and dented	Yes
71-1131644033-13	Right front rocker panel missing	Yes
71-1131644033-14	Front bumper dented from impact	Yes
71-1131544033-15	Windshield	No
71-1131644033-16	Roof showing no damage	No
71-1131644033-17	Left front upper door hinge	No
71-1131644033-18	Left front door stop	No
71-1131644033-19	Left front door lower hinge	No
71-1131644033-20	Left front door striker	No
71-1131644033-21	Right front door upper hinge	No
71-1131644033-22	Right front door stop	No
71-1131644033-23	Right front door lower hinge	No
71-1131644033-24	Right front door striker	No
71-1131644033-25	Driver side wheelbase 106 inches	No
71-1131644033-26	Driver side front overhang 31 inches	No
71-1131644033-27	Driver side rear overhang 32 inches	No
71-1131644033-28	Passenger side wheelbase 106 inches	No
71-1131644033-29	Passenger side front overhang 26 inches	No
71-1131644033-30	Passenger side rear overhang 34 inches	No
71-1131644033-31	Driver side front door panel	No
71-1131644033-32	Passenger side front door panel	No
71-1131644033-33	Right front carpet pulled back showing no water intrusion	No
71-1131544033-34	Right front sill plate removed showing wiring	No
71-1131644033-35	Right front seat belt buckled and fully retracted	No
71-1131644033-36	Right front seat belt buckled and fully extended	No
71-1131644033-37	Right front seat belt fully retracted	No
71-1131644033-38	Left front seat belt buckled and fully retracted	No
71-1131644033-39	Left front seat belt buckled and fully extended	No
71-1131644033-40	Left front seat belt fully retracted	No
71-1131644033-41	Passenger presence showing off with no passenger seated	No
71-1131644033-42	Passenger presence showing on with passenger seated and seat belt unbuckled	No
71-1131644033-43	Passenger presence showing on with passenger seated and seat belt buckled	No
71-1131644033-44	Passenger seat measurement 1 ¼ inches back of seat	No
71-1131644033-45	Driver seat position 12 ¾ inches from instrument panel	No
71-1131644033-46	Driver front seat belt harness fully extended measuring 101 inches	No
71-1131644033-47	Steering wheel and instrument panel	No
71-1131644033-48	Knee bolster	No
71-1131644033-49	Accelerator and brake pedals	No
71-1131644033-50	Passenger side of instrument panel	No
71-1131644033-51	Left front air bag sensor	No
71-1131644033-52	Right front air bag sensor	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

Photo #	Description Only	Damage (Yes/No)
71-1131644033-53	Tire sticker	No
71-1131644033-54	Left front tire and wheel	No
71-1131644033-55	Left rear tire and wheel	No
71-1131644033-56	Right front tire and wheel	No
71-1131644033-57	Right rear tire and wheel	No
71-1131644033-58	Left front suspension	No
71-1131644033-59	Right front suspension	No
71-1131644033-60	Center front under carriage and exhaust	No
71-1131644033-61	Center rear under carriage	No
71-1131644033-62	Left rear suspension	No
71-1131644033-63	Right rear suspension	No

Section 2.

Description and Photos

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-1	Vin Plate 	No
71-1131644033-2	Door Plate 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-3	RPO plate 	No
71-1131644033-4	Instrument cluster (odometer) 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	[REDACTED]	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7 [REDACTED]

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-5	Front 	Yes
71-1131644033-6	Passenger side 	Yes

Photo Log & Photos for Preliminary Inspection

Customer's last name:	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7 [REDACTED]

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-7	Rear 	No
71-1131644033-8	Driver side 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-9	Driver side rear 	No
71-1131644033-10	Driver side front 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	[REDACTED]	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7 [REDACTED]

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-11	Damage to left front rocker panel 	Yes
71-1131644033-12	Damage to right front door skin compressed and dented 	Yes

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-13	Right front rocker panel missing 	Yes
71-1131644033-14	Front bumper dented from impact 	Yes

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-15	Windshield  A photograph of a car's windshield. The windshield has several green handwritten markings: 'OUT' on the left, '2x 11/22' in the center, '504164' at the top, and 'ST. US PA' on the right. A blue inspection sticker is placed on the windshield, showing '03-13' and two '4' ratings. The car is in a garage setting.	No
71-1131644033-16	Roof showing no damage  A photograph showing the rear roof of a blue car. The roof is clean and shows no signs of damage. A white and red inspection sticker is visible on the rear window, with 'AUG' and '13' visible. The car is in a garage.	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
71-1131644033-17	Left front upper door hinge 	No
71-1131644033-18	Left front door stop 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-19	Left front lower door hinge 	No
71-1131644033-20	Lefty front door striker 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-21	Right front upper door hinge 	No
71-1131644033-22	Right front door stop 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
71-1131644033-23	Right front lower door hinge 	No
71-1131644033-24	Right front door striker 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	[REDACTED]	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7 [REDACTED]

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-25	Driver side wheelbase 106 inches 	No
71-1131644033-26	Driver side front overhang 31 inches 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-27	Driver side rear overhang 32 inches 	No
71-1131644033-28	Passenger side wheelbase 106 inches 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	[REDACTED]	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7 [REDACTED]

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-29	Passenger side front overhang 26 inches 	No
71-1131644033-30	Passenger side rear overhang 34 inches 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-31	Driver side front door panel 	No
71-1131644033-32	Passenger side front door panel 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-33	Right front carpet pulled back showing no water intrusion 	No
71-1131644033-34	Right front sill plate removed showing wiring 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-35	Right front seat belt buckled and fully retracted  A photograph of the right front passenger seat in a vehicle. The seat is upholstered in dark grey fabric. A black seat belt is buckled and fully retracted, lying flat across the seat. A small yellow sticky note with the handwritten letters 'RF' is placed on the seat cushion. The center console and part of the driver's seat are visible in the background.	No
71-1131644033-36	Right front seat belt buckled and fully extended  A photograph of the right front passenger seat in a vehicle. The seat is upholstered in dark grey fabric. A black seat belt is buckled and fully extended, with the strap hanging down. A hand is visible at the top of the frame, holding the end of the seat belt strap. A small yellow sticky note with the handwritten letters 'RF' is placed on the seat cushion. The center console and part of the driver's seat are visible in the background.	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-37	Right front seat belt fully retracted 	No
71-1131644033-38	Left front seat belt buckled and fully retracted 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-39	<p>Left front seat belt buckled and fully extended</p> 	No
71-1131644033-40	<p>Left front seat belt fully retracted</p> 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-41	Passenger presence showing off with no passenger seated 	No
71-1131644033-42	Passenger presence showing on with passenger seated and seat belt unbuckled 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-43	Passenger presence showing on;/ seatbelt light off with passenger seated and seat belt buckled 	No
71-1131644033-44	Passenger seat measurement 13/4 inches back of seat track 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	L [REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7 [REDACTED]

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-45	<p>Driver seat position 12 3/4 inches from instrument panel</p> 	No
71-1131644033-46	<p>Driver front seat belt harness fully extended measurement 101 inches</p> 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-47	Steering wheel and instrument panel 	No
71-1131644033-48	Knee bolster 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-49	<p>Accelerator and brake pedals</p> 	No
71-1131644033-50	<p>Passenger side of instrument panel</p> 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	[REDACTED]	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7 [REDACTED]

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-51	Left front air bag sensor 	No
71-1131644033-52	Right front air bag sensor 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C██████████

Photo #	Description / Photo	Damage (Yes/No)																	
71-1131644033-53	Tire sticker  <table border="1" data-bbox="358 590 1167 772"> <thead> <tr> <th>TIRE</th> <th>ORIGINAL SIZE</th> <th></th> <th>COLD TIRE PRESSURE</th> <th rowspan="4">SEE OWNER MANUAL FOR ADDITIONAL INFORMATION</th> </tr> </thead> <tbody> <tr> <td>FRONT</td> <td>P215/60R16</td> <td>S</td> <td>240 kPa, 35 PSI</td> </tr> <tr> <td>REAR</td> <td>P215/60R16</td> <td>S</td> <td>240 kPa, 35 PSI</td> </tr> <tr> <td>SPARE</td> <td>T115/70R16</td> <td>M</td> <td>420 kPa, 60 PSI</td> </tr> </tbody> </table>	TIRE	ORIGINAL SIZE		COLD TIRE PRESSURE	SEE OWNER MANUAL FOR ADDITIONAL INFORMATION	FRONT	P215/60R16	S	240 kPa, 35 PSI	REAR	P215/60R16	S	240 kPa, 35 PSI	SPARE	T115/70R16	M	420 kPa, 60 PSI	No
TIRE	ORIGINAL SIZE		COLD TIRE PRESSURE	SEE OWNER MANUAL FOR ADDITIONAL INFORMATION															
FRONT	P215/60R16	S	240 kPa, 35 PSI																
REAR	P215/60R16	S	240 kPa, 35 PSI																
SPARE	T115/70R16	M	420 kPa, 60 PSI																
71-1131644033-54	Left front tire and wheel 	No																	

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-55	Left rear tire and wheel 	No
71-1131644033-56	Right front tire and wheel 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-57	Right rear tire and wheel  A photograph of the right rear wheel and tire of a blue vehicle. The wheel is silver with five spokes. A yellow tag with 'RR' written on it is attached to the center of the wheel. The tire is mounted on a blue and yellow lift platform.	No
71-1131644033-58	Left front suspension  A photograph showing the left front suspension system of a vehicle. The view is from underneath the car, showing the control arm, steering knuckle, and tire. A white 'L' is marked on the tire. The suspension components appear to be in good condition.	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	██████████	██████████
██████████	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-59	Right front suspension 	No
71-1131644033-60	Center front under carriage and exhaust 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

Photo #	Description / Photo	Damage (Yes/No)
71-1131644033-61	Center rear under carriage 	No
71-1131644033-62	Left rear suspension 	No

Photo Log & Photos for Preliminary Inspection

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
71-1131644033-63	Right rear suspension 	No

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1131644033	VIN:	1G1PF5SC7██████████

Mileage at inspection:	15,685 miles	Inspection location:	Pace Line Auto Collision
Inspected by:	Jeff Torrieri	Address:	2514 E Hwy. 190, Copperas Cove, TX 76522
Inspector's phone number:	817-312-5411		

Was a dealer technician used? Yes No

If Yes, number of hours?

If possible, document the RO number:

Maximum vehicle speed taken from CDR report:

Did CDR detect a rollover event? Yes No

Number of photos	63
Number of DTCs	N/A

Section 1 INSPECTION SUMMARY

Provide driver/claimant's complete description of incident. Do not paraphrase the customer's words. This is a very important section of the report:

Claimant states she was travelling westbound on US 190 prior to avenue B. The other vehicle was travelling eastbound on US 190 and entered the center turn lane to make a left turn. When the driver of the eastbound vehicle turned, she turned directly in front of the claimant's vehicle. The claimant states she barely applied the brakes before striking the other vehicle. The claimant further stated when she impacted the other vehicle, the impact spun the other vehicle around and caused it to leave the roadway and come to stop in a grassy area. The claimant stated she was able to maneuver her vehicle off of the roadway also. The claimant questions why the driver air bag did not deploy during the incident. Additionally, the claimant stated she received no injuries from the incident.

NOTE: FOR ALLEGATIONS OF AN INADVERTENT DEPLOYMENT WITH NO COLLISION, COMPLETE THE INADVERTENT AIRBAG DEPLOYMENT INSPECTION FORM.

<input checked="" type="checkbox"/>	Non-deployment (the airbag did not deploy and the claimant states that it should have)
<input checked="" type="checkbox"/>	Front <input type="checkbox"/> Side <input type="checkbox"/> Other <input type="checkbox"/>
<input type="checkbox"/>	Inadvertent deployment with a collision, (the claimant states that the airbag deployed when it should not have)
<input type="checkbox"/>	Front <input type="checkbox"/> Side <input type="checkbox"/> Other <input type="checkbox"/>
<input type="checkbox"/>	Improper deployment (e.g. the claimant states that the airbag deployed late or only partially)
<input type="checkbox"/>	Front <input type="checkbox"/> Side <input type="checkbox"/> Other <input type="checkbox"/>
<input type="checkbox"/>	Deployment-induced injury in a collision (the claimant states the deployment of the airbag caused an injury)
<input type="checkbox"/>	Other Describe: <input type="text"/>
<input type="checkbox"/>	None: seat belt - related allegation only

Describe the seat belt related allegation below:

<input type="checkbox"/>	Non-activation (the claimant states that the seat belt did not restrain an occupant and it should have)
<input type="checkbox"/>	Induced injury (the claimant states the seat belt system caused an injury)
<input type="checkbox"/>	Other Describe: <input type="text"/>
<input checked="" type="checkbox"/>	None: SIR - related allegation only

Driver seatbelt pretensioner deployed? Yes No

Passenger seatbelt pretensioner deployed? Yes No

Following the inspection, summarize the facts and observations:

- I was unable to collect the DTCs because no scan tool was available.
- The driver of the vehicle at the time of the incident was the claimant's girlfriend.
- I was not able to determine the crush damage as all front sheet metals and attaching parts are removed.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:		Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1131644033	VIN:	1G1PF5SC7

- Both of the front air bag sensors are intact (see photos 51 and 52).
- A police report was not available.
- CDR indicated a non deployment event (report attached)

Section 2 INTERVIEW – INCIDENT DETAILS

Interviewee name:	
Address:	Copperas Cove, TX
Phone number:	
Date of interview:	12/06/2012
Interview mode: (Telephone or in person)	Telephone

Police report?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Fire report?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Driver's Physical Description

Name:	
Gender:	Female
Height:	5 ft 5 in
Weight:	165 lbs
Disabilities:	None

Driver's Trip Information

Hours	Minutes	Distance	Driver's Estimated Speed
	10	3 miles	40 mph

Exact incident location: US HWY 190 W at Ave. B	Exact incident date & time: 11/27/2012 @ 4:30 p.m.
Weather condition & visibility: Overcast / Dry	Approximate temp (°F): 70 degrees

Was there a collision? Yes No

Were there any other occupants in the vehicle at the time of the incident? Yes No

Occupant's Information (If Applicable)

Name:	
Gender:	
Height:	
Weight:	
Age:	

Name:	
Gender:	
Height:	
Weight:	
Age:	

Where were the other occupants seated?

Front Row:	<input type="checkbox"/> Right Front	<input type="checkbox"/> Front Center	
Second Row:	<input type="checkbox"/> Right Rear	<input type="checkbox"/> Center	<input type="checkbox"/> Left Rear
Third Row:	<input type="checkbox"/> Right Rear	<input type="checkbox"/> Center	<input type="checkbox"/> Left Rear

If the vehicle is a truck or a car trailering cargo at the time of the incident, estimate total weight of cargo and trailer	(lbs)
Load description:	

Any objects in the road? Yes No
 If yes, describe: _____

Did vehicle leave the roadway? Yes No
 If yes, what was impacted? _____

Was there any evasive action? Turning Braking Accelerating Other: _____

Road Surface:	<input checked="" type="checkbox"/> Concrete	<input type="checkbox"/> Asphalt	<input type="checkbox"/> Gravel	<input type="checkbox"/> Crushed Rock	<input type="checkbox"/> Dirt
Road Condition:	<input checked="" type="checkbox"/> Dry	<input type="checkbox"/> Wet	<input type="checkbox"/> Icy	<input type="checkbox"/> Other: _____	

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1131644033	VIN:	1G1PF5SC7██████████

Prior collision repair?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
-------------------------	--	------------------------------	--

If yes, provide the following:

Date	Description

Prior SIR and/or seat belt service, repair, or replacement?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
---	------------------------------	--

If yes, provide the following:

Date	Description

VEHICLE MODIFICATIONS / ALTERATIONS

Ask if there are any vehicle modifications or alterations present, and has any after-market equipment been installed? Remember that if the vehicle has been pre-owned, the current owner may not know of any/all changes to the vehicle.

<input type="checkbox"/> Remote Start	<input type="checkbox"/> Suspension	<input type="checkbox"/> Tires/Wheels	<input type="checkbox"/> Turbo	<input type="checkbox"/> Aftermarket Exhaust
<input type="checkbox"/> Body Modifications	<input type="checkbox"/> Towing Equip.	<input type="checkbox"/> Security Alarm	<input type="checkbox"/> Wiring	<input type="checkbox"/> Headers
<input type="checkbox"/> Unknown				

If yes, describe component, who installed it, and capture photos:

None

Other vehicle history information from interview, GM Warranty, or Dealership history files?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
---	------------------------------	--

If Yes, describe & make copies:

Predelivery only in VIS

Section 4

VEHICLE / SYSTEM INSPECTION

---Note---

Do Not "Clear Codes" from any on board module(s)

Use the scan tool to capture all diagnostic trouble codes (current or history), and photograph the screens (if a scan tool was used).

DTC	Symptom	Description	Current	History
N/A		Scanner not available		

SDM Crash Data Collection:

Describe and photograph any evidence that the passenger compartment may have had moisture intrusion or the SDM has incurred any damage due to moisture/corrosion. Visually inspect the carpet and floor pan for moisture and the SDM electrical connector male and female ends for signs of corrosion. If the SDM is mounted under a seat, visually inspect for any foreign objects that could affect the airbag system operation and, if found, inspect the area very carefully. Photograph as needed.

If the vehicle is equipped with roll-over protection, download the ROS data after downloading the CDR data. (See ROS Coverage document to determine whether vehicle is supported, and/or observe the icons on the function bar on the CDR screen.) SUV-type vehicles may have roll-over protection. An "Airbag" name will be embossed on the trim at the A and possibly B pillars of the vehicle.

NOTE: Some vehicles do not require the ignition key to be in the ignition "on" position in order to download the data

- OBTAIN DERM/SDM DOWNLOADS FOR ALL INADVERTENT DEPLOYMENT ALLEGATIONS
- IF POSSIBLE, AVOID CYCLING THE IGNITION KEY ON/OFF PRIOR TO OBTAINING THE DOWNLOAD
- PHOTOS OF THE CDR SCREEN ARE REQUIRED TO SHOW ANY ERROR MESSAGES

NOTE: Save the raw CDR and ROS files, and then a PDF files. Submit all files with report.

Was the CDR download available?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
---------------------------------	---	-----------------------------

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1131644033	VIN:	1G1PF5SC7██████████

If "No", describe:

How was download obtained?

ALDL / DLC

Directly from module using adapter harness w/ Bosch CDR

If the download was obtained directly from the module, was the module removed from the vehicle? Yes No

If removed from the vehicle, describe and photograph the conditions under which the module was mounted when the download was obtained:

FRONT AREA: Describe any damage to the front of the vehicle. Observe and photograph whether the hood is opened, if it contacted or penetrated the windshield, and the location of the contact.

This was a frontal impact but all of the sheet metal, brackets, braces, lamps, wiring and other components have been removed or discarded or both. The impact was on the driver side judging by the dent in the front bumper.

LEFT SIDE EXTERIOR: Describe any damage to the door(s) and other body panels. Determine whether any door opened as a result of the impact. If so, photograph the latch, striker and the hinges.

The lower rocker panel is damaged and pulled away from the body.

RIGHT SIDE EXTERIOR: Describe any damage to the door(s) and other body panels. Determine whether any door opened as a result of the impact. If so, photograph the latch, striker and the hinges.

The right front fender has been removed and the passenger door skin is dented and compressed.

REAR AREA: Describe any damage to the rear of the vehicle. Observe and photograph whether the deck lid or rear hatch opened and note if the spare tire separated from the vehicle.

None

ROOF / ROOF STRUCTURE: Describe any damage to the roof of the vehicle. Note if any convertible tops or removable roof panels did not remain attached, and photograph the latches.

None

UNDERBODY / FRAME / CHASSIS AREA: The underbody should be carefully inspected and any damage to the underside of the vehicle completely described. Note the condition of the bumpers, frame, suspension, tires, wheels, & engine mount(s)/cross member. Briefly describe any damage or signs of impact to areas of the underbody and provide photos in the photo log.

None

SIDE IMPACT INSPECTION

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1131644033	VIN:	1G1PF5SC7██████████

Identify and photograph the following items:

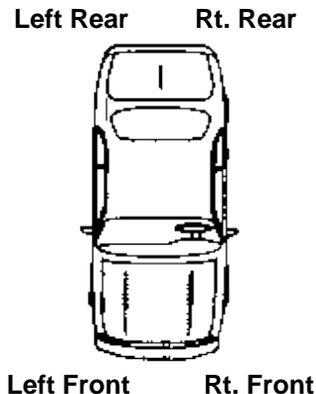
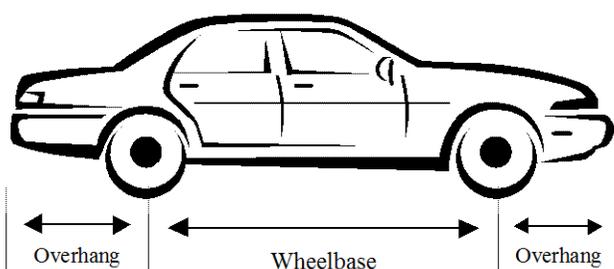
1. Door hinges on struck side damaged?
2. Door hinges on struck side separated?
3. Damage to striker/latch system?
4. Any rubber or paint transferred to the subject vehicle?
5. Damage from extrication tools (Jaws of Life)?
6. Separation of sheet metal along weld seams (doors, rocker panels, etc...)?
7. Side door beam damaged? (Photos if possible)
8. Side beam welds separated? (Photos if possible)
9. Interior door trim damaged?
10. Interior roof trim damaged near door opening?

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No

Identify and photograph the following (note the "non-struck" items):

1. Hinges on "non-struck" side
2. Latch/striker on "non-struck" side
3. Door trim on "non-struck" side
4. Headliner / roof trim on "non-struck" side
5. Overhead view (if possible)
6. Underbody, front & rear suspension
7. Striking vehicle
8. Any other vehicles involved

STRUCTURAL DEFORMATION/CRUSH AREAS



Please check all that apply:

Type of impact(s)? Frontal Side Rear Rollover Other: _____

The following dimensions should be obtained as they are important in determining the magnitude of the impact to the vehicle. See diagram for definitions of overhang. Do not report "No Change" in this section.

All values in inches:

Driver side wheelbase	106 in	Passenger side wheelbase	106 in
Driver side front overhang	31 in	Passenger side front overhang	26 in
Driver side rear overhang	32 in	Passenger side rear overhang	34 in

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1131644033	VIN:	1G1PF5SC██████████

Maximum depth of crush (Inches):

<input type="checkbox"/> n/a	<input type="checkbox"/> Front
<input type="checkbox"/>	<input type="checkbox"/> Rear
<input type="checkbox"/>	<input type="checkbox"/> Roof

<input type="checkbox"/>	Driver's side
<input type="checkbox"/>	Passenger's side

Additional comments regarding exterior damage:

PRIOR DAMAGE

Document and photograph any damage that appears to have been present prior to this incident:

None

Does customer allege non-deployment of side airbags or roof rail airbags?

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
------------------------------	--

NOTE: Complete the following if the customer allegation involves NON DEPLOYMENT of the side impact airbags or roof rail airbags. Otherwise leave the remaining portion of section blank. Identify and photograph the following items:

Door hinges on struck side damaged?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Door hinges on struck side separated?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Damage to striker/latch system?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Any rubber or paint transferred to the subject vehicle?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Damage from extrication tools (e.g. jaws of life)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Separation of sheet metal along weld seams (doors, rocker panels, etc...)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Side door beam damaged? (Photos if possible)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Side beam welds separated (Photos if possible)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Interior door trim damaged?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Interior roof trim damaged near door opening?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Additional comments:**Photograph the following:**

Hinges on non-struck side

Overhead view (if possible)

Latch/striker on non-struck side

Door trim on non-struck side

Underbody, front & rear suspension

Headliner / roof trim on non-struck side

Striking vehicle (if available)

Any other vehicles involved (if possible)

INTERIOR INSPECTION (Photograph the side view of the steering wheel and column, the interior, and deployed airbags)

Interior reduced in size?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Where:
Intrusion by an external object?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Loose objects inside?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Cowl deformed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Floorpan / Toe-pan deformed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Headliner / visors damaged?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Inside rear-view mirror damaged	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Door trim damaged?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Steering column displaced?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Steering column capsule bracket displaced?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Control knobs/ levers damaged?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Accelerator/brake pedals deformed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Instrument panel damaged?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Lower IP/Kneed bolster damaged?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1131644033	VIN:	1G1PF5SC7██████████

If any of the following are "Yes", capture photographs

Driver front airbag deployed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Passenger front airbag deployed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Driver side airbag deployed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Passenger side airbag deployed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Driver roof rail airbag deployed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Passenger roof rail airbag deployed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Other? (pretensioners, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Other:

Windshield (W/S) damaged? Yes No

If Yes? Cracked Broken (Top inner layer) Damaged by occupant contact

W/S separated from vehicle? Yes No % (Approx.) Approximate % of perimeter separation

Steering wheel damaged? Yes No

If Yes: Rim Hub

If yes, describe: _____

If applicable, indicate the "clock" position of damage to the steering wheel:

(NOTE: The top of the steering wheel assembly is 12 o'clock, regardless if the wheel itself is turned.)

Tilt steering wheel? Yes No

If yes, position? Low Med High

Telescoping steering wheel? Yes No

If yes, position? Forward Middle Rearward

IF THERE WERE ANY TRANSFER MARKS PRESENT ON THE STEERING WHEEL, PHOTOGRAPH THEM

Were transfer marks present (clothing, makeup, etc.)? No Yes

If yes, describe: _____

If the SDM is located under a seat, **visually** inspect for foreign objects and water intrusion that could damage the module or its wiring. If any exist, remove the seat and conduct a more extensive examination of the area. Describe findings and photograph.

Any signs of water intrusion? Yes No

If yes, describe: _____

SEAT INSPECTION (Photograph damaged areas)

Type of front seat? Bucket Bench 50/50 Split Bench 60/40 Split Bench

DRIVER'S SEAT INFORMATION

Seat damage? Yes No

If Yes, location? Seat bottom Backrest Headrest

Seatback struck by rear occupant? Yes No

If yes, describe: _____

RIGHT FRONT PASSENGER SEAT INFORMATION

Seat damage? Yes No

If Yes, location? Seat bottom Backrest Headrest

Seatback struck by rear occupant? Yes No

If yes, describe: _____

Additional info regarding seat damage (Front or rear): _____

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1131644033	VIN:	1G1PF5SC7██████████

WINDOW INSPECTION

Note all window conditions:

RESTRAINT SYSTEM INSPECTION

Note: Do not "Clear Codes" from the on-board computer(s)

If equipped, are the pretensioners activated / deployed? Yes No

"Alleged", SIR Unit(s):

Driver front Passenger front Driver side (door/seat) Passenger side (door/seat)

Driver knee bag Passenger knee bag Roof rail airbag(s) Other:

Driver Pretensioner Passenger Pretensioner

Actual Deployed SIR(s):

Driver front Passenger front Driver side (door/seat) Passenger side (door /seat)

Driver knee bag Passenger knee bag Roof rail airbag(s) Other:

Driver Pretensioner Passenger Pretensioner

INSPECT SIR WIRING and SENSORS (IF VISIBLE)

SIR wiring damaged? Yes No Describe:
 SIR sensors damaged / disconnected? Yes No Describe:

If any airbag(s) deployed was it the:

Driver front airbag

Bag material cut / torn? Yes No Describe:
 Transfer marks present (makeup, clothing, etc.) Yes No Describe:

Passenger front airbag

Bag material cut / torn? Yes No Describe:
 Transfer marks present (makeup, clothing, etc.) Yes No Describe:

Driver side airbag

Bag material cut / torn? Yes No Describe:
 Transfer marks present (makeup, clothing, etc.) Yes No Describe:

Passenger side airbag

Bag material cut / torn? Yes No Describe:
 Transfer marks present (makeup, clothing, etc.) Yes No Describe:

Roof rail airbag

Bag material cut / torn? Yes No Describe:
 Transfer marks present (makeup, clothing, etc.) Yes No Describe:

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1131644033	VIN:	1G1PF5SC7██████████

ALLEGATION THAT FRONT PASSENGER AIRBAG "DID NOT DEPLOY" IN A COLLISION

Complete this section if the customer alleges the FRONT PASSENGER airbag did not deploy in a collision. (Effective with the MY2007 NHTSA required all vehicles to be equipped with a Passenger Presence System.) Many vehicles were equipped with this feature prior to MY2007. Check the owner's manual and labels in the vehicle. The following information may be useful in evaluating those concerns.

If transfer marks are present, please provide:

Age	Height (feet & inches)	Weight (lbs)
-----	------------------------	--------------

Note: For details on the front passenger's physical description, please refer to Section 2.

Record and photograph the passenger seat position measurement.

Seat track position: Inches

Measure the moveable track position in relation to the stationary base of the track at the front. Is the track forward of, or back from the base?

Forward of	x	Back from
------------	---	-----------

Photograph the measurement.

Driver seat position and its distance to the IP: Inches

NOTE: THE FOLLOWING TEST WILL NOT WORK IF THE DOWNLOAD IS TAKEN DIRECTLY FROM THE SDM. RECONNECT SDM TO VEHICLE HARNESS TO PERFORM THE TEST. Take photos for documentation.

Perform the following check for vehicles equipped with a passenger airbag status indicator. NOTE: For some vehicles the key must be in the "on", or "run" position to perform the check.

Observe the PASSENGER airbag status indicator. Is the passenger airbag system "ON"? Yes No

Sit in the passenger seat and observe the status indicator. Is the passenger airbag system "ON"? Yes No

Photograph the seat cover and cushion

Photograph any signs of the RF seat occupant contact with the I/P or other interior area.

AIRBAG LIGHT FUNCTIONAL TEST RESULTS:

Airbag warning light came "ON" with the ignition key, blinked several times and went "OUT"? Yes

Airbag warning light came "ON" with the ignition key, blinked several times and stayed "ON"? Yes

<input checked="" type="checkbox"/>	<input type="checkbox"/>
Yes	No
<input type="checkbox"/>	<input checked="" type="checkbox"/>
Yes	No

Describe any other results:

Turn on ignition, observe seat belt light. On? Yes No

Buckle driver's seat belt. Seat belt light on? Yes No

<input checked="" type="checkbox"/>	<input type="checkbox"/>
Yes	No
<input type="checkbox"/>	<input checked="" type="checkbox"/>
Yes	No

When sitting in the passenger seat, does the passenger seat belt warning light (if equipped), illuminate when the belt is not buckled and go "OFF" when it is buckled? Yes No

<input checked="" type="checkbox"/>	<input type="checkbox"/>
Yes	No

SDM Crash Data Collection:

Describe and photograph any evidence that the passenger compartment may have had moisture intrusion or the SDM has incurred any damage due to moisture/corrosion. Visually inspect the carpet and floor pan for moisture and the SDM electrical connector male and female ends for signs of corrosion. If the SDM is mounted under a seat, visually inspect for any foreign objects that could affect the airbag system operation and, if found, inspect the area very carefully. Photograph as needed.

If the vehicle is equipped with roll-over protection, download the ROS data after downloading the CDR data. (See ROS Coverage document to determine whether vehicle is supported, and/or observe the icons on the function bar on the CDR screen.) SUV-type vehicles may have roll-over protection. An "Airbag" name will be embossed on the trim at the A and possibly B pillars of the vehicle.

NOTE: Some vehicles do not require the ignition key to be in the ignition "on" position in order to download the data

- OBTAIN DERM/SDM DOWNLOADS FOR ALL INADVERTENT DEPLOYMENT ALLEGATIONS

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1131644033	VIN:	1G1PF5SC7██████████

- IF POSSIBLE, AVOID CYCLING THE IGNITION KEY ON/OFF PRIOR TO OBTAINING THE DOWNLOAD
- PHOTOS OF THE CDR SCREEN ARE REQUIRED TO SHOW ANY ERROR MESSAGES

NOTE: Save the raw CDR and ROS files and then save them as PDF type files. Submit all .CDRx and PDF files with report.

Was the CDR download available? Yes No

If "No", describe:

How was download obtained? ALDL / DLC Directly from module using adapter harness w/ Bosch CDR

If the download was obtained directly from the module, was the module removed from the vehicle? Yes No

If removed from the vehicle, describe/photograph the conditions under which the module was mounted when the download was obtained:

RESTRAINT SYSTEM INSPECTION (SEAT BELTS)

IF A COLLISION OCCURRED, THE SEAT BELTS SHOULD BE INSPECTED FOR SEAT BELT(S) POSITIONS OF ALL OCCUPANTS AT THE TIME OF COLLISION.

Location of inspected seatbelts:

<input checked="" type="checkbox"/> Driver	<input type="checkbox"/> Center front	<input type="checkbox"/> Passenger	<input type="checkbox"/> Third Row
<input type="checkbox"/> Driver's side rear	<input type="checkbox"/> Center rear	<input type="checkbox"/> Right rear	

Photograph: The overall belt assembly (both outboard positions, even if only the driver was present in the vehicle at the time of the incident). All visible components of the seat belt system and anchor points

If equipped, are the pretensioners activated / deployed? Yes No

NOTE: Answer the following questions for the driver's seat belt. If other seat belt positions are inspected, use the seat belt addendum to report inspection results. Identify and photograph the following items:

Is the driver's seatbelt fully retracted? Yes No

IF THE ANSWER IS NO, DO NOT DISTURB BELTS AT THIS TIME.

Secure webbing, measure length, and show measurement in a photo: Inches

If abnormalities are seen during the following, ensure you capture measurements and photos of the damage.

Does the webbing spool in and out freely (minimal effort)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	<input type="checkbox"/> Lap	<input checked="" type="checkbox"/> Shoulder
Marks, cuts or debris present on shoulder and lap belt webbing?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Webbing energy management loops (if equipped) - stitches pulled free, unfolded, replacement/warning label exposed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Tack stitch separated from plastic sleeve?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Webbing cut?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does guide loop assembly exhibit striations, bent, or deformed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does guide loop adjuster move up and down (if equipped)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the seat belt buckle latch and unlatch?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the seat belt return to the stowed position when unbuckled?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Buckle condition (worn or foreign material present)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Any components missing?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the seat belt return to the stowed position when unbuckled?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Any post-collision damage present (e.g. rescue workers)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1131644033	VIN:	1G1PF5SC7██████████

Is the seat belt webbing cut? (If yes, photograph and record length of pieces): Inches

NOTE: If there were occupants in other seating positions, inspect those seating positions and report the results on the seat belt addendum. Include it with your report.

If possible, perform a dynamic "panic stop" type test with the vehicle.

Do the retractors on the belts being inspected appear to lock and hold properly? Yes No

If No, describe:

If vehicle is not drivable, jerk each belt inspected rapidly. (Note: Some inertia activated retractors will not lock on this test.) Did the retractors lock?

Yes No

If No, which belts do not lock/hold?

Additional comments?

Section 5

SITE INSPECTION

NOTE: In most instances a site inspection is not required on vehicles with no damage present (e.g. claimant says they hit a pot hole...)

Was a site inspection performed? Yes No

Comments?

Posted speed where the incident occurred? (mph)

SITE INSPECTION: PERFORM THE FOLLOWING IF ADDITIONAL INFORMATION MAY BE FOUND:

- If the customer can identify the incident scene and verify tire marks, gouges in the pavement, debris, or any police marks at the scene, measure location of the items and photograph.
- Identify evidence of whether the vehicle left the road prior to, during, or after the incident. Document all locations, distances, etc...
- Identify evidence & photograph any object struck by the vehicle on or off the road prior to, during, or after incident.
- Inspect roadway & shoulder surfaces in the area of the incident site for telltale signs of loss of control, excessive speed, severe braking, etc.

Photograph the scene and any property involved. Only factual comments should be entered in this section:

Section 6

COMMENT OVERFLOW

Please use this area for additional comments from the inspection form. Please note the section and area that the comments are continued from prior to each comment.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1131644033	VIN:	1G1PF5SC7██████████

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Section 7 OTHER REPORT INFORMATION

Check here if there was evidence of a "Fire-Related" event.

According to NHTSA, "fire" means combustion or burning of material in or from a vehicle as evidenced by flame. The term also includes, but is not limited to, thermal events and fire-related phenomena such as smoke, sparks or smoldering, but does not include events and phenomena associated with a normally functioning vehicle, such as combustion of fuel within an engine or exhaust from an engine.

Attachments: (Check all that apply)

 Photographs

 Data Downloads

 Other Records

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	1G1PK5SC7C7 [REDACTED]
User	[REDACTED]
Case Number	71-1134330186
EDR Data Imaging Date	12/18/2012
Crash Date	12/07/2012
Filename	1G1PK5SC7C7187576_ACM.CDRX
Saved on	Tuesday, December 18 2012 at 10:16:53
Collected with CDR version	Crash Data Retrieval Tool 8.1.1
Reported with CDR version	Crash Data Retrieval Tool 8.1.1
EDR Device Type	Airbag Control Module
Event(s) recovered	Non-Deployment

Comments

No comments entered.

Data Limitations

Recorded Crash Events:

There are two types of recorded crash events for Front, Side, and Rear (FSR) Events. The first is the NonDeployment 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 NonDeployment Event, is five MPH β km/h]. A Non-Deployment Event contains PreCrash 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. NonDeployment 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 PreCrash 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 NonDeployment (Non-rollover) Event. A Non-Deployment Event records data but does not deploy the air bag(s). A Non-Deployment Event contains PreCrash and Crash data. Non-Deployment Rollover event follow the same rules as FSR NonDeployment 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. Velocity Change and Acceleration data are displayed in SAE sign convention.

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 NonDeployment (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. Vehicle Recorded Acceleration and Roll Rate data are displayed in SAE sign convention.

-Deployment loops may be displayed as being deployed in a NonDeployment 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 NonDeployment event and one of the others is a Deployment event, and the Deployment event is qualified while the NonDeployment is still active, the deployed loops may be recorded in the NonDeployment event record.

-Deployment loops can only be deployed once per module power cycle.

- Time Between Events is recorded at a 10 millisecond sample rate and is displayed in seconds for a maximum time of 655.33 seconds. The counter measures 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.
- 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 fdbwing 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 deployment times for subsequent deployment type events, during the same ignition cycle, will not be recorded. Also, forced timer loops, will not be shown as being commanded to deploy. Loops without their own independent deployment calibration are called "forced timer loops." Examples of a forced timer loops are Pretensioner Deployment Loop #2 and Knee Deployment Loop.
- 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 communication network.
- The Belt Switch Circuit is wired directly to the SDM.

01042_SDM10P-autoliv_r009

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	0
Vehicle Identification Number (VIN)	1G1PK5SC7C7 [REDACTED]
Ignition Cycle, Download (Ignition Cycles at Investigation)	1773
End Model Part Number	00CF4358
System Type	Autoliv
Software Module Identifier 1	00CF4A09
Software Module Identifier 2	05B7AAFA
Software Module Identifier 3	00CF2D7D
Manufacturing Traceability Data, Component Identifier	AS
Manufacturing Traceability Data, Part Number/Broadcast Code	3192
Manufacturing Traceability Data, Supplier Code	E
Manufacturing Traceability Data, Traceability Number	050244123
ESS # 1 Traceability Data, Component Identifier	AU
ESS # 1 Traceability Data, Part Number/Broadcast Code	2577
ESS # 1 Traceability Data, Supplier Code	E
ESS # 1 Traceability Data, Traceability Number	014FECCB9
ESS # 2 Traceability Data, Component Identifier	AT
ESS # 2 Traceability Data, Part Number/Broadcast Code	2577
ESS # 2 Traceability Data, Supplier Code	E
ESS # 2 Traceability Data, Traceability Number	015019D98
ESS # 3 Traceability Data, Component Identifier	AH
ESS # 3 Traceability Data, Part Number/Broadcast Code	2577
ESS # 3 Traceability Data, Supplier Code	E
ESS # 3 Traceability Data, Traceability Number	015039D56
ESS # 4 Traceability Data, Component Identifier	AJ
ESS # 4 Traceability Data, Part Number/Broadcast Code	2577
ESS # 4 Traceability Data, Supplier Code	E
ESS # 4 Traceability Data, Traceability Number	015039DD9
ESS # 5 Traceability Data, Component Identifier	DA
ESS # 5 Traceability Data, Part Number/Broadcast Code	4936
ESS # 5 Traceability Data, Supplier Code	E
ESS # 5 Traceability Data, Traceability Number	0150E67CC
ESS # 6 Traceability Data, Component Identifier	DB
ESS # 6 Traceability Data, Part Number/Broadcast Code	4936
ESS # 6 Traceability Data, Supplier Code	E
ESS # 6 Traceability Data, Traceability Number	0150C0E45
ESS # 7 Traceability Data, Component Identifier	00
ESS # 7 Traceability Data, Part Number/Broadcast Code	0000
ESS # 7 Traceability Data, Supplier Code	E
ESS # 7 Traceability Data, Traceability Number	000000000
ESS # 8 Traceability Data, Component Identifier	??
ESS # 8 Traceability Data, Part Number/Broadcast Code	????
ESS # 8 Traceability Data, Supplier Code	?
ESS # 8 Traceability Data, Traceability Number	?????????

System Status at Event (Event Record 1)

Type of event (deployment/non-deployment)	Non-Deployment
Data Recording Complete - Deployment Status Data	No
Complete file recorded (Event Recording Complete)	Yes
Crash Record Locked	No
Data Recording Complete - SDM Recorded Vehicle Velocity Change Data	No
Deployment Event Counter	0
Multi-Event, Number of Events (Event Counter)	1
OnStar Notification Event Counter	0
Time From Event 1 to 2 (Time Between Events) (seconds)	Data Not Available
Ignition Cycle, Crash (Ignition Cycles at Event)	1763
Algorithm Active: Frontal	Yes
Algorithm Active: Side	No
Algorithm Active: Rollover	Yes
Algorithm Active: Rear	No
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	No
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 2 Belt Switch Circuit Status (If Equipped)	Data Not Available
Center Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available
Right Row 2 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
Seat Track Position Switch, Foremost, Status, Driver (Driver Seat Position Status) (If Equipped)	Data Not Available
Seat Track Position Switch, Foremost, Status, Right Front Passenger (Passenger Seat Position Status) (If Equipped)	Data Not Available
Passenger Seat Occupancy Status	Empty
Passenger Classification Status	Not Applicable
Passenger SIR Suppression Switch Circuit Status (If Equipped)	Data Not Available
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)	655330
Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	18
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]	-12 [-19]
Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM Recorded Vehicle Velocity Change)(msec)	168
Maximum Delta-V, Lateral (Maximum Lateral SDM Recorded Vehicle Velocity Change for FSR Event) MPH [km/h]	-1 [-2]
Time Maximum Delta-V, Lateral (Time From FSR Time Zero to Maximum Lateral SDM Recorded Vehicle Velocity Change)(msec)	108

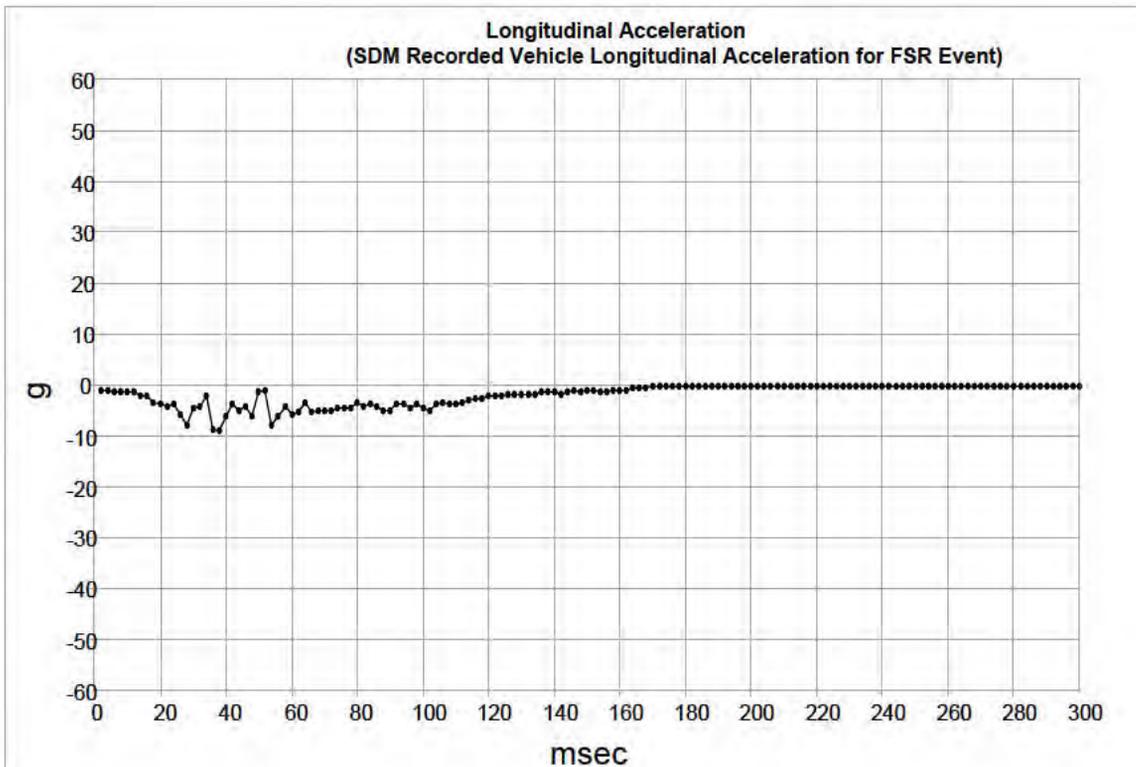
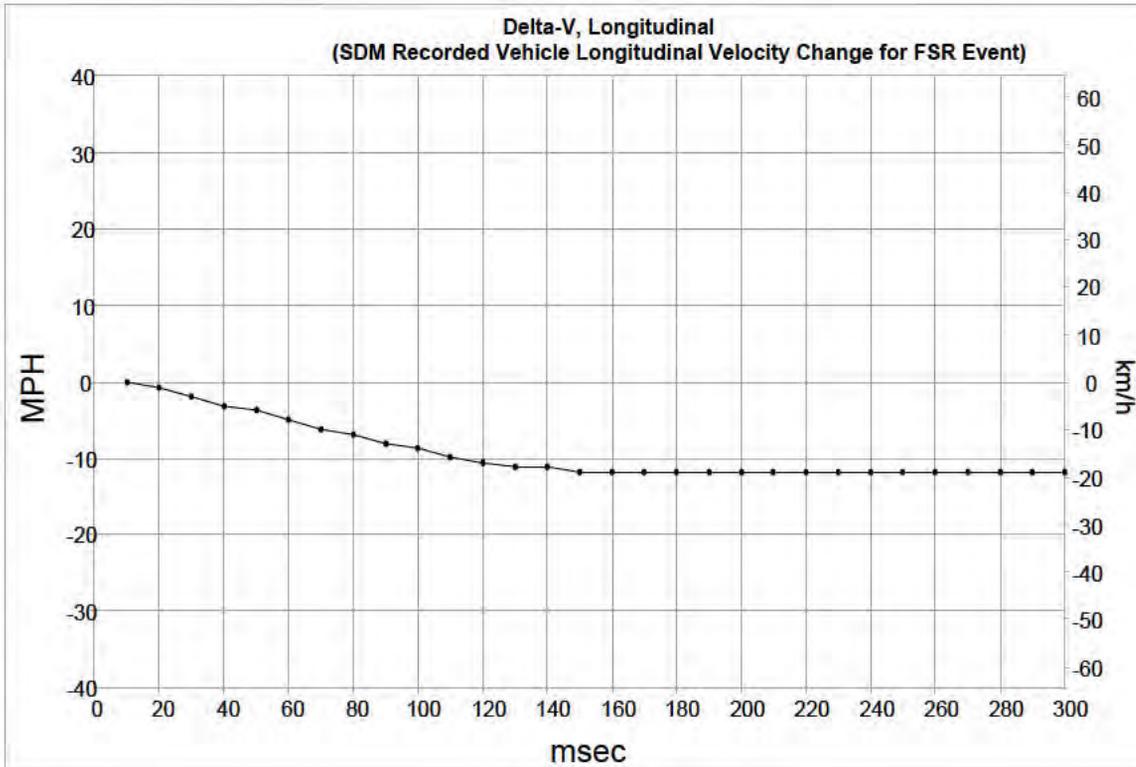
DTCs Present at Time of Event (Event Record 1)

No Diagnostic Trouble Codes

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	No
Passenger Pretensioner Deployment Loop #1 Commanded	No
Driver Pretensioner Deployment Loop #2 Commanded (If Equipped)	No
Passenger Pretensioner Deployment Loop #2 Commanded (If Equipped)	No
Driver Thorax Loop Commanded (If Equipped)	No
Passenger Thorax Loop Commanded (If Equipped)	No
Driver Row 2 Thorax Loop Commanded (If Equipped)	No
Passenger 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
Driver Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Passenger Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Driver Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Passenger 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
Driver Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No
Passenger Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	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
Driver Row 2 Head Rest Loop Commanded (If Equipped)	No
Passenger 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)	Data Not Available
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)	Data Not Available

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	0.0	0.0
20	-0.6	-1.0
30	-1.9	-3.0
40	-3.1	-5.0
50	-3.7	-6.0
60	-5.0	-8.0
70	-6.2	-10.0
80	-6.8	-11.0
90	-8.1	-13.0
100	-8.7	-14.0
110	-9.9	-16.0
120	-10.6	-17.0
130	-11.2	-18.0
140	-11.2	-18.0
150	-11.8	-19.0
160	-11.8	-19.0
170	-11.8	-19.0
180	-11.8	-19.0
190	-11.8	-19.0
200	-11.8	-19.0
210	-11.8	-19.0
220	-11.8	-19.0
230	-11.8	-19.0
240	-11.8	-19.0
250	-11.8	-19.0
260	-11.8	-19.0
270	-11.8	-19.0
280	-11.8	-19.0
290	-11.8	-19.0
300	-11.8	-19.0

Longitudinal Crash Pulse (Event Record 1)

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
2	-1.0
4	-1.0
6	-1.4
8	-1.4
10	-1.4
12	-1.4
14	-2.2
16	-2.2
18	-3.4
20	-3.8
22	-4.2
24	-3.8
26	-5.8
28	-7.8
30	-4.6
32	-4.2
34	-2.2
36	-8.6
38	-9.0
40	-6.2
42	-3.8
44	-5.0
46	-4.2
48	-6.2
50	-1.4
52	-1.0
54	-7.8
56	-6.2
58	-4.2
60	-5.8
62	-5.4
64	-3.4
66	-5.4
68	-5.0
70	-5.0
72	-5.0
74	-4.6
76	-4.6
78	-4.6
80	-3.4
82	-4.2
84	-3.8
86	-4.2
88	-5.0
90	-5.0
92	-3.8
94	-3.8
96	-4.6

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
98	-3.8
100	-4.6

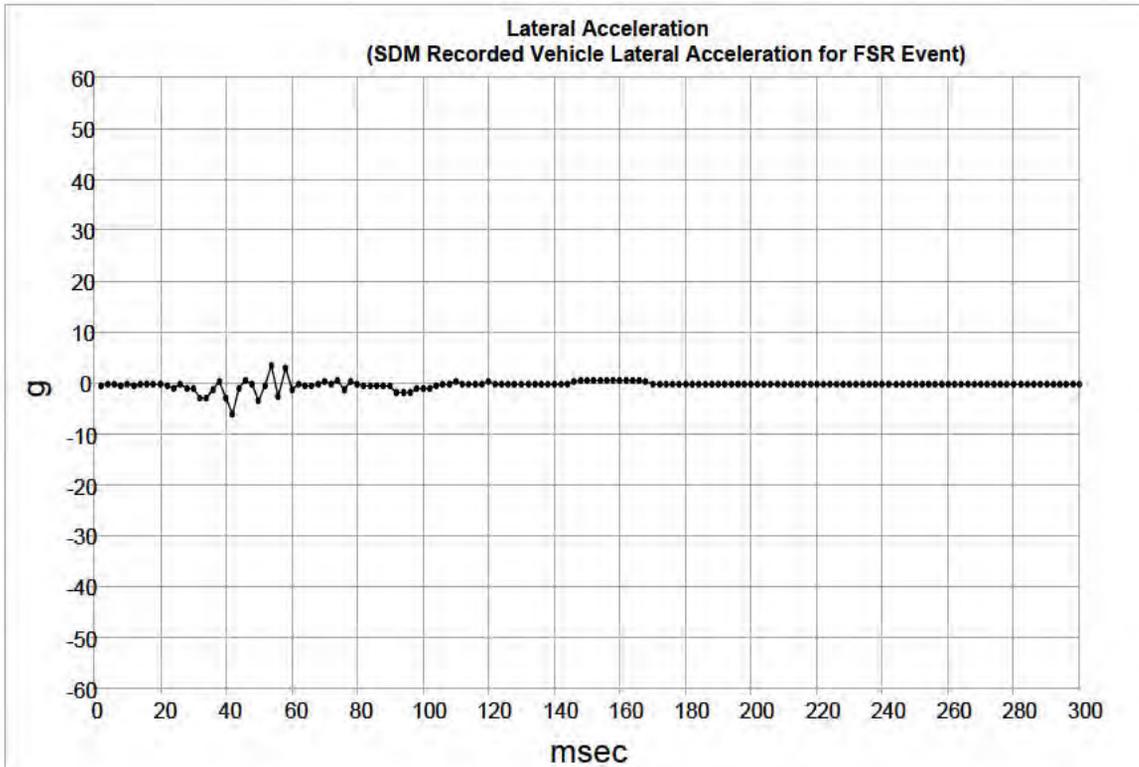
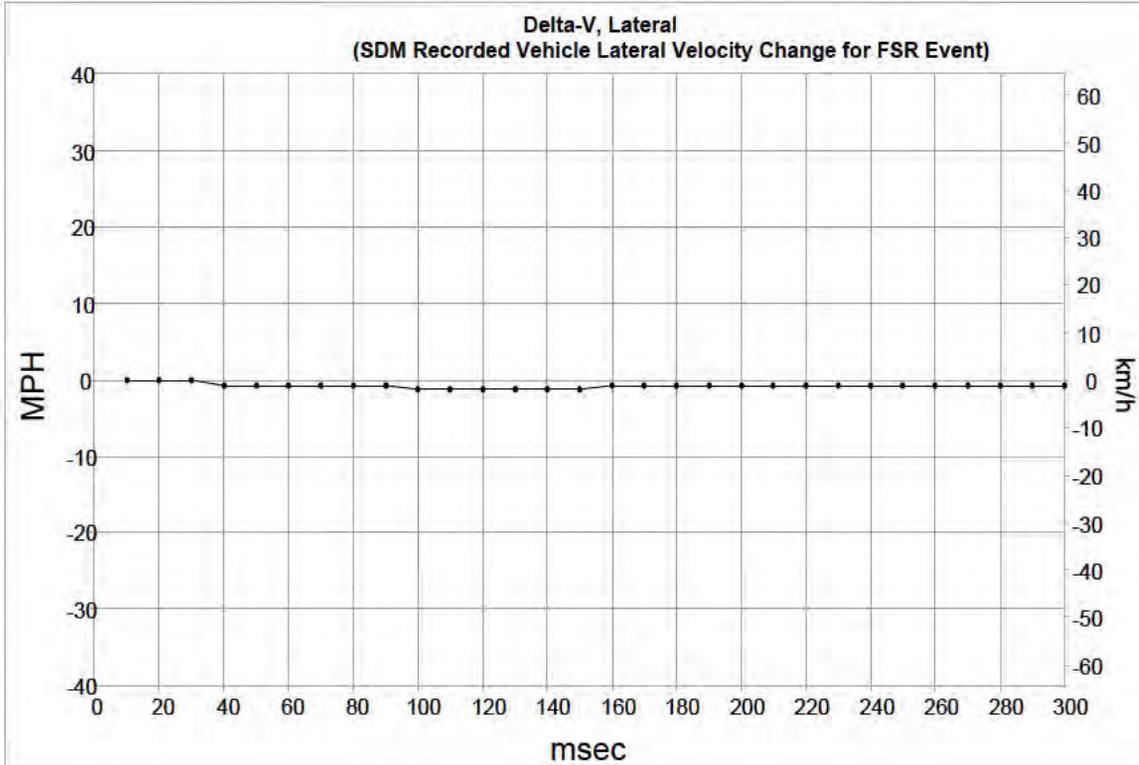
Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
102	-5.0
104	-3.8
106	-3.4
108	-3.8
110	-3.8
112	-3.4
114	-3.0
116	-2.6
118	-2.6
120	-2.2
122	-2.2
124	-2.2
126	-1.8
128	-1.8
130	-1.8
132	-1.8
134	-1.8
136	-1.4
138	-1.4
140	-1.4
142	-1.8
144	-1.4
146	-1.0
148	-1.4
150	-1.0
152	-1.0
154	-1.4
156	-1.4
158	-1.0
160	-1.0
162	-1.0
164	-0.6
166	-0.6
168	-0.6
170	-0.2
172	-0.2
174	-0.2
176	-0.2
178	-0.2
180	-0.2
182	-0.2
184	-0.2
186	-0.2
188	-0.2
190	-0.2
192	-0.2
194	-0.2
196	-0.2

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
198	-0.2
200	-0.2

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
202	-0.2
204	-0.2
206	-0.2
208	-0.2
210	-0.2
212	-0.2
214	-0.2
216	-0.2
218	-0.2
220	-0.2
222	-0.2
224	-0.2
226	-0.2
228	-0.2
230	-0.2
232	-0.2
234	-0.2
236	-0.2
238	-0.2
240	-0.2
242	-0.2
244	-0.2
246	-0.2
248	-0.2
250	-0.2
252	-0.2
254	-0.2
256	-0.2
258	-0.2
260	-0.2
262	-0.2
264	-0.2
266	-0.2
268	-0.2
270	-0.2
272	-0.2
274	-0.2
276	-0.2
278	-0.2
280	-0.2
282	-0.2
284	-0.2
286	-0.2
288	-0.2
290	-0.2
292	-0.2
294	-0.2
296	-0.2

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
298	-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	-0.6	-1.0
50	-0.6	-1.0
60	-0.6	-1.0
70	-0.6	-1.0
80	-0.6	-1.0
90	-0.6	-1.0
100	-1.2	-2.0
110	-1.2	-2.0
120	-1.2	-2.0
130	-1.2	-2.0
140	-1.2	-2.0
150	-1.2	-2.0
160	-0.6	-1.0
170	-0.6	-1.0
180	-0.6	-1.0
190	-0.6	-1.0
200	-0.6	-1.0
210	-0.6	-1.0
220	-0.6	-1.0
230	-0.6	-1.0
240	-0.6	-1.0
250	-0.6	-1.0
260	-0.6	-1.0
270	-0.6	-1.0
280	-0.6	-1.0
290	-0.6	-1.0
300	-0.6	-1.0

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	-0.6	102	-1.0	202	-0.2
4	-0.2	104	-0.6	204	-0.2
6	-0.2	106	-0.2	206	-0.2
8	-0.6	108	-0.2	208	-0.2
10	-0.2	110	0.2	210	-0.2
12	-0.6	112	-0.2	212	-0.2
14	-0.2	114	-0.2	214	-0.2
16	-0.2	116	-0.2	216	-0.2
18	-0.2	118	-0.2	218	-0.2
20	-0.2	120	0.2	220	-0.2
22	-0.6	122	-0.2	222	-0.2
24	-1.0	124	-0.2	224	-0.2
26	-0.2	126	-0.2	226	-0.2
28	-1.0	128	-0.2	228	-0.2
30	-1.0	130	-0.2	230	-0.2
32	-3.0	132	-0.2	232	-0.2
34	-3.0	134	-0.2	234	-0.2
36	-1.4	136	-0.2	236	-0.2
38	0.2	138	-0.2	238	-0.2
40	-3.0	140	-0.2	240	-0.2
42	-6.2	142	-0.2	242	-0.2
44	-1.0	144	-0.2	244	-0.2
46	0.6	146	0.2	246	-0.2
48	-0.2	148	0.6	248	-0.2
50	-3.4	150	0.6	250	-0.2
52	-0.6	152	0.6	252	-0.2
54	3.4	154	0.6	254	-0.2
56	-2.6	156	0.6	256	-0.2
58	3.0	158	0.6	258	-0.2
60	-1.4	160	0.6	260	-0.2
62	-0.2	162	0.6	262	-0.2
64	-0.6	164	0.6	264	-0.2
66	-0.6	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	-1.4	176	-0.2	276	-0.2
78	0.2	178	-0.2	278	-0.2
80	-0.2	180	-0.2	280	-0.2
82	-0.6	182	-0.2	282	-0.2
84	-0.6	184	-0.2	284	-0.2
86	-0.6	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	-1.8	192	-0.2	292	-0.2
94	-1.8	194	-0.2	294	-0.2
96	-1.8	196	-0.2	296	-0.2
98	-1.0	198	-0.2	298	-0.2
100	-1.0	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	0	On	896	10	21 [34]
-4.5	0	On	896	10	21 [34]
-4.0	0	On	896	9	20 [32]
-3.5	0	On	960	9	19 [30]
-3.0	0	On	960	9	17 [27]
-2.5	0	On	960	10	15 [24]
-2.0	0	On	960	10	14 [22]
-1.5	0	On	896	10	12 [19]
-1.0	0	On	896	10	11 [18]
-0.5	0	On	896	10	7 [12]

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 [-7]	Off
-1.5	No	No	No	-5 [-7]	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 06 ED 00 00 00

DPID \$35
78 00 00 00 00 00 00

DID \$01
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DID \$03
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DID \$05
41 48 32 35 37 37 45 30 31 35 30 33 39 44 35 36

DID \$07
41 4A 32 35 37 37 45 30 31 35 30 33 39 44 44 39

DID \$09
44 41 34 39 33 36 45 30 31 35 30 45 36 37 43 43

DID \$0B
44 42 34 39 33 36 45 30 31 35 30 43 30 45 34 35

DID \$0D
30 30 30 30 30 30 45 30 30 30 30 30 30 30 30 30

DID \$0F
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

DID \$30
00 00 01 00

DID \$90
31 47 31 50 4B 35 53 43 37 43 37 31 38 37 35 37 36

DID \$9A
04 01

DID \$B4
41 53 33 31 39 32 45 30 35 30 32 34 34 31 32 33

DID \$C1
00 CF 4A 09

DID \$C2
05 B7 AA FA

DID \$C3
00 CF 2D 7D

DID \$CB
00 CF 43 58

DID \$31

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0050 0F 0F 0E 0E 0E 06 9A 06 97 06
0060 92 06 92 0A 0A 0A 0A 0A 09 09
0070 09 0A 0A 0C 12 13 16 18 1B 1E
0080 20 22 22 00 FF FD 00 12 FD 00
0090 00 00 00 00 00 00 00 00 00 00
0100 00 00 00 00 00 00 00 00 00 00
0110 00 00 00 00 00 00 6C 54 7D 36
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0250 77 7E 72 7E 73 7F 73 80 73 7F
0260 74 81 74 7C 74 80 77 7F 75 7E
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Disclaimer of Liability

The users of the CDR product and reviewers of the CDR reports and exported data shall ensure that data and information supplied is applicable to the vehicle, vehicle's system(s) and the vehicle ECU. Robert Bosch LLC and all its directors, officers, employees and members shall not be liable for damages arising out of or related to incorrect, incomplete or misinterpreted software and/or data. Robert Bosch LLC expressly excludes all liability for incidental, consequential, special or punitive damages arising from or related to the CDR data, CDR software or use thereof.



71-1134330186 GM Product Allegation Investigation Request
Al Difalco to: Al Difalco

12/12/2012 09:12 AM

PAR Information Provided:

PAR Record Number:

Number : PAR0001110

Provided Information:

PAR File Number : 71-1134330186

Customer Information:

Customer First Name : [REDACTED]

[REDACTED]

Customer City : Apollo

Customer State : PA

Customer Zip Code : [REDACTED]

[REDACTED]

Vehicle Information:

VIN : 1G1PK5SC7C7 [REDACTED]

Vehicle Year : 2012

Vehicle Make : Chevrolet

Vehicle Model : Cruze

Vehicle Mileage : 27000

Vehicle Location Information:

Dealer/Salvage/Other : Dealer

POC Name : Ray Weber, svc. manager

POC Phone : (814) 445-4113

POC Email :

Dealer BAC : 151656

Name of Business : Kenny Ross Chevrolet, Geo, Oldsmobile & Cadillac, Inc.

Vehicle Location Address : 2006 N Center Avenue

Vehicle Location City : Somerset

Vehicle Location State : PA

Vehicle Location Zip Code : 15501

Customer Concerns:

Air Bag Deployment Concern - In a Collision : true

Air Bag Deployment Concern - No Collision : false

Accelerator/Throttle Concern : false

Brakes ABS Concern : false

Engine/Transmission/Drivetrain Concern : false

Fire/Thermal Event Concern : false

Restraint/SIR/Seats/Seatbelt Concern : true

Steering/Suspension/Tire/Wheels Concern : false

Water/Moisture/Odor Concern : false

Additional Information Concern : Cust. alleging non-deployment of airbags during a front end collision. Please inspect the SIR system, including the SDM unit, airbags, seatbelts, and all related wiring for any component concerns/defects. Thank you.

CSR Information:

Requestor Name : William Duffy

Requestor Email : william_duffy@gmexpert.com

Requestor Phone : (866) 790-5700 Ext 31244

Requestor Fax :

Ref:MSG0401038


AI DiFalco
Logout

December 28, 2012

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

INTERFACE WITH CUSTOMER **USER OPTIONS**

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).

Vehicle Information

VIN: 1G1PK5SC7C7 [REDACTED] Model: 1PB69-2012 CRUZE BASE
 Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes
 Order Type: 70 - RETAIL - STOCK
 Field Actions: [0 Open](#) [REQUEST ANOTHER VIN](#)

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](#)
- [Investigate Major Assembly History](#)

Required Field Actions

Open field actions are highlighted

Type	Number	Original Nbr	Description	Release Date	Status
Product Safety Recall	N120081	12081	OIL SPILLS OR LEAKS ONTO HOT SURFACES	06/21/2012	Closed

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: Inactive
 XM Equipped: Y XM Radio ID: R0UEH240 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 Limited Warranty	03/21/2012	03/13/2012	113 MI	03/13/2015	50,113 MI
	Corrosion Limited Warranty	03/21/2012	03/13/2012	113 MI	03/13/2018	100,113 MI
	Emission Select Component Ltd Wty	03/21/2012	03/13/2012	113 MI	03/13/2020	80,113 MI

Bumper to Bumper Limited Warranty	03/21/2012	03/13/2012	113 MI	03/13/2015	36,113 MI
Emission Select State Component Lty Wty	03/21/2012	03/13/2012	113 MI	03/13/2019	70,113 MI
Powertrain Limited Warranty	03/21/2012	03/13/2012	113 MI	03/13/2017	100,113 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
09/11/2012	468032	ZFAT----Field Action Recall		V2602 - 12081 - Engine Shield Modification (inc harness wrap) (manual transmission)	18,180 MI
11/08/2011	82450	ZPDI----Pre-Delivery Inspection		Z6999 - PDI Related Fluid Adds	1 MI
10/12/2011	A87576	ZPDI----Pre-Delivery Inspection		Z7000 - Pre-Delivery Inspection - Base Time	1 MI

Global Warranty Management: [Site Map](#)

[Privacy Policy](#) | [Terms of Use](#)

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MEMBER I.A.D.A.
NATIONAL APPRAISAL SERVICE
1250 GERMANTOWNPIKE SUITE 105
PLYMOUTH MEETING, PA 19462
610-279-5400 FAX: 610-279-6060

CD LOG NO 264 -0

12-11-12 4:22 PM

ESTIMATE

CLAIM INFORMATION

CLAIM #	[REDACTED]	POLICY #	[REDACTED]
COMPANY	ATLANTIC HEARTLAND MATERIAL DA	CLAIM REP	DAWN STODDARD
INSURED	AMY LOVAS	LOSS DATE	12-04-12
CLAIMANT		LOSS TYPE	COLLISION
FILE HNDLR	DAWN STODDARD	FILE #	2012-35419

INSPECTION

TYPE	INDEPENDENT FIELD		
PRIMARY POI	FRONT END CENTER	SECOND POI	FRONT END RIGHT
APPRAISER NAME	GEORGE SCHAFER		
LICENSE #	[REDACTED]		
WORK PHONE	(412) 328-7164	FAX	(412) 744-4354
ADDRESS	311 FILMORE DR	INSP DATE	12-11-12
CITY STATE	VERONA PA	LOCATION	KENNY ROSS CHEVROLET
ZIP	15147-	CITY STATE	SOMERSET PA

OWNER

[REDACTED] WORK# [REDACTED]
[REDACTED] HOME# [REDACTED]
APOLLO PA [REDACTED]

REPAIR

ATTN SKIP	SHOP LIC#
KENNY ROSS	CAR IN
2006 N CENTER AVE	CAR OUT
SOMERSET PA 15501-	REPAIR 8 DAYS
SHOP PHONE (814) 445-4113	FAX

VEHICLE

2012 CHEVROLET CRUZE ECO 4 DR SEDAN
4CYL GASOLINE TURBO 1.4

OPTIONS

TWO-STAGE - EXTERIOR SURFACES	TWO-STAGE - INTERIOR SURFACES
CRUISE CONTROL	REAR SPOILER
STRG WHEEL MTD RADIO CONTROLS	AUTOMATIC TRANS

BODY COLOR	DK RED	MILEAGE	27,415
CONDITION	GOOD	VIN	1G1PK5SC7C7 [REDACTED]
LICENSE #	HXD 8086	CODE	U237
LICENSE STATE	PA	VEH INSP #	

REMARKS:

****APPRAISER-GEORGE SCHAFFER-INDEPENDENT--#166665----CELL# [REDACTED] ****
 THIS ESTIMATE WAS WRITTEN AS PER INSURANCE COMPANY GUIDELINES
 *****ALL SUPPLEMENTS REQUIRE PHYSICAL REINSPECTION & APPROVAL
 ***ALL SUPPL MUST BE CALLED TO SUPPLEMENT HOTLINE= 800-553-5270
 *****OWNER WAS NOT PRESENT @ TIME OF INSPECTION*****
 RECIEVED 12-10-12/ CONTACT 12-10-12/ INSPEC 12-11-12 / INDEPENDENT APPRAISER
 ****43.6 HRS TO RPR = 8 DAYS TO REPAIR
 *****NO COPY OF EST WAS RELEASED TO SHOP- PENDING INSURANCE COMPANY REVIEW

OP CODES:

- * = USER-ENTERED VALUE E = REPLACE OEM NG = REPLACE NAGS
- EC = QUALITY REPL. PART UE = OE SURPLUS UC = RECONDITIONED PRT
- UM = REMAN/REBUILT PRT EU = LIKE KIND & QUAL.PRT EP = QUAL. REPL. PRT. RPT
- OE = PXN OE SRPLS PC = PXN RECONDITIONED PM = PXN REMAN/REBUILT
- TE = PARTL REPL PRICE ET = PARTL REPL LABOR IT = PARTIAL REPAIR
- I = REPAIR L = REFINISH BR = BLEND REFINISH
- TT = TWO-TONE CG = CHIPGUARD SB = SUBLET
- N = ADDITIONAL LABOR RI = R&I ASSEMBLY P = CHECK
- AA = APPEAR ALLOWANCE RP = RELATED PRIOR UP = UNRELATED PRIOR

OP	GDE	MC	DESCRIPTION	MFR.PART NO.	PRICE	AJ%	B%	HOURS	R
E	0006	46	COVER,FRONT BUMPER	95217520 GM PART	361.58			1.6	1
L	0006		COVER,FRONT BUMPER	REFINISH				4.0	4
				2.8 Surface					
				0.6 Two-stage setup					
				0.6 Two-stage					
E	0005		REINF,FRONT BUMPER	13259736 GM PART	254.24			1.7	1
L	0005		REINF,FRONT BUMPER	REFINISH				1.0	4
				0.8 Surface					
				0.2 Two-stage					
E	0030		GRILLE,FRT BUMPER LWR	95963008 GM PART	106.40			INC	1
E	0019		PANEL,FRT Bmpr LICENS	95051455 GM PART	29.66			0.2	1
E	0018		ABSORBER,FRONT BUMPER	95963009 GM PART	62.82			INC	1
E	0205		GRILLE,UPPER	96981100 GM PART	144.67			INC	1
E	0149		GRILLE,LOWER	95225615 GM PART	88.98			INC	1
E	0041	#	HEADLAMP ASSY,HALOG LT	95900041 GM PART	207.76			INC	1
			# = 01, 46						
N	0973		HEADLAMPS AIM	ADDITIONAL LABOR				0.4	1
E	0083	46	PANEL,HOOD	95461566 GM PART	295.76			1.2	1
L	0083		PANEL,HOOD	REFINISH				4.5	4
				2.7 Surface					
				1.1 Edge					
				0.7 Two-stage					
E	0098		LATCH,HOOD PANEL	95463828 GM PART	50.17			INC	1
E	0096		HINGE,HOOD PANEL	LT 95227781 GM PART	10.63			2.9	1
L	0096		HINGE,HOOD PANEL	LT REFINISH				0.4	4
				0.3 Surface					
				0.1 Two-stage					
E	0097		HINGE,HOOD PANEL	RT 95227782 GM PART	10.63			1.9	1
L	0097		HINGE,HOOD PANEL	RT REFINISH				0.4	4

0.3 Surface

0.1 Two-stage

E 1431 07 PANEL,RADIATOR SIDE LT 22745473 GM PART 216.05 2.7 1
 L 1431 PANEL,RADIATOR SIDE LT REFINISH 0.2 4

0.2 Surface

E 1432 07 PANEL,RADIATOR SIDE RT 22745474 GM PART 146.07 2.7 1
 L 1432 PANEL,RADIATOR SIDE RT REFINISH 0.2 4

0.2 Surface

E 0074 CRSMBR,RAD PANEL UPR 95947422 GM PART 75.76 1.3 1
 L 0074 CRSMBR,RAD PANEL UPR REFINISH 0.6 4

0.5 Surface

0.1 Two-stage

E 0755 46 RADIATOR 13311079 GM PART 333.33 2.2 1
 E 0073 DEFLECTOR,RADIATOR 96981604 GM PART 29.99 0.1 1

E 0739 01 FAN ASSY,ENG COOLING 13372154 GM PART 285.26 INC 1

E 0696 01 SHROUD,RADIATOR 13360890 GM PART 139.81 0.5 1

N 0970 REFRIGERANT RCVRY SET ADDITIONAL LABOR 0.4 2

N 0977 A/C EVACUATE & RECHAR ADDITIONAL LABOR 1.4 2

E 0731 CONDENSER,A/C 22869501 GM PART 293.00 0.6 2

I 0103 FENDER,FRONT LT REPAIR 2.0*1

L 0103 FENDER,FRONT LT REFINISH 2.3 4

1.9 Surface

0.4 Two-stage

EC M60 HAZARDOUS WASTE REMOVA QUALITY REPL. PAR 3.00* 1

EC COVER CAR FOR OVERSPRA QUALITY REPL. PAR 5.00* 0.2*1

EC FLEX ADDITIVE FOR PAIN QUALITY REPL. PAR 8.00* 1

I FRAME RACK SET-UP REPAIR 2.0*1

I FRAME/UNIBODY REPAIR REPAIR 4.0*3

38 ITEMS

MC MESSAGE

01 CALL DEALER FOR EXACT PART # / PRICE

07 STRUCTURAL PART AS IDENTIFIED BY I-CAR

46 PRINTABLE PXN COMPARE

FINAL CALCULATIONS & ENTRIES

PARTS

GROSS PARTS \$ 3,142.57
 OE SURPLUS PARTS
 OTHER PARTS \$ 16.00
 PAINT MATERIAL \$ 367.20

ADJUSTMENTS

DISCOUNT

MARKUP

PARTS & MATERIAL TOTAL \$ 3,525.77
 TAX ON PARTS & MATERIAL @ 6.000% \$ 211.55

LABOR RATE REPLACE HRS REPAIR HRS
 1-SHEET METAL \$ 48.00 19.2 4.4 \$ 1,132.80
 2-MECH/ELEC \$ 48.00 0.6 1.8 \$ 115.20

3-FRAME	\$ 48.00		4.0	\$	192.00
4-REFINISH	\$ 48.00	13.6		\$	652.80
5-PAINT	\$ 27.00				

LABOR TOTAL				\$	2,092.80
TAX ON LABOR	@	6.000%		\$	125.57
SUBLET REPAIRS					
TAX ON SUBLET	@	6.000%			
TOWING					
STORAGE					

GROSS TOTAL				\$	5,955.69
LESS: DEDUCTIBLE					UNKNOWN-

NET TOTAL				\$	5,955.69
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PXN Y/04/00/00/04/04 CUM 04/00/00/04/04 Geocode: 15147 WESTERN PA
 RECYCLED PARTS: NOT REQUESTED
 AUDATEX PENPRO W0412 ES LOG264 -0 12-12-12 00:07:58
 REL 4.12.30 DT 10/12
 (C) 1993 - 2007 AUDATEX NORTH AMERICA, INC.

2.8 HRS WERE ADDED TO THIS EST. BASED ON AUDATEX'S TWO-STAGE REFINISH FORMULA.

THIS ESTIMATE HAS BEEN PREPARED BASED ON THE USE OF REPLACEMENT PARTS SUPPLIED BY A SOURCE OTHER THAN THE MANUFACTURER OF YOUR MOTOR VEHICLE. WARRANTIES APPLICABLE TO THESE REPLACEMENT PARTS ARE PROVIDED BY THE MANUFACTURER OR DISTRIBUTOR OF THESE PARTS RATHER THAN THE MANUFACTURER OF YOUR VEHICLE.

THIS IS NOT AN AUTHORIZATION TO REPAIR. THIS APPRAISAL IS BASED ON DAMAGES INSPECTED BY THE APPRAISER. NO SUPPLEMENTS FOR ADDITIONAL DAMAGES, LABOR OR RATES WILL BE CONSIDERED WITHOUT APPROVAL PRIOR TO COMPLETION OF ANY SUPPLEMENTAL REPAIRS.

2012 Chevrolet Cruze ECO 4 DR Sedan

CLAIM # [REDACTED] LOG 264 -0

12-11-12 4:22 PM

Estimate Summary Page

GEORGE SCHAFER

GROSS TOTAL	\$ 5,955.69
LESS: DEDUCTIBLE	UNKNOWN-
NET TOTAL	\$ 5,955.69

AUDATEX PENPRO W0412 ES LOG264 -0 12-12-12 00:07:58

REL 4.12.30 DT 10/12

(C) 1993 - 2007 AUDATEX NORTH AMERICA, INC.

Complaint Report



Somerset Police Department

Commonwealth of Pennsylvania

Complaint Information

Complaint Number SOM-2012-7756	Locked Record No	Follow Up No	Call For Service PTANR
Description PNONREPORTABLE CRASH			
Status Cleared	Priority 0	Method Received Radio Dispatch	Date/Time Received 12/07/2012 06:49:00
Day of the Week Friday	How Handled Officer Assigned		
Complaint Nature Private Property accident. SEE COMMENTS			

Complaint Location

Street Number 801	Street Block	Predirection North	Street Name Pleasant	Street Type AV	Postdirection	
PO Box	Cross-Predirection	Cross-Street Name	Cross-Street Type	Highway Name		
Highway Number	Highway Milepost	Rural Route	County		Jurisdiction Number	
Location Township			Magisterial District	City/Town	Political Subdivision	
State	Zone Number 1	Zip Code	Area	Grid	Residence Type	Unit Type
Unit Number	Latitude	Longitude	Location Type		Country	
Location Description Parking lot of Leiss Tool & Die						

Complainant Information

Salutation	First Name	Middle Name	Last Name	Suffix
Date of Birth	Race	Sex		
	White	Male		
Apartment	City	State	Zip Code	
	Rockwood	PA		
Phone Number 1				
Area Code	Number	Ext	Phone Type	
			Cell	
Phone Number 2				
Area Code	Number	Ext	Phone Type	
Notify Complainant	Call Taker ID	Dispatcher ID	cNET Complaint #:	
		PA 28441161	1549257	
User Defined Field 1		User Defined Field 2		
086-12072012-03		n		
User Defined Field 3		User Defined Field 4		

Complainant Associate Information

Salutation	First Name	Middle Name	Last Name	Suffix
Date of Birth	Race	Sex		
	White	Female		
Apartment	City	State	Zip Code	
	Apollo	PA		
Phone Number 1				
Area Code	Number	Ext	Phone Type	
Phone Number 2				
Area Code	Number	Ext	Phone Type	
User Defined Field 1		User Defined Field 2		
PA 20908739				
User Defined Field 3		User Defined Field 4		
Other person involved in accident				

Officers Involved

Officer Name	Role	Resource #
Folton, Aaron - 86 - Somerset Police Department	Reporting Officer	AMF86

Location Dispatched

Street Number	Street Block	Predirection	Street Name	Street Type	Postdirection
801		North	Pleasant	AV	
PO Box	Cross-Predirection	Cross-Street Name	Cross-Street Type	Highway Name	
Highway Number	Highway Milepost	Rural Route	County	Jurisdiction Number	
Location Township	Magisterial District	City/Town	Political Subdivision		
State	Zone Number	Zip Code	Area	Grid	Residence Type
	1				
Unit Number	Latitude	Longitude	Location Type	Country	

Location Description

Parking lot of Leiss Tool & Die

Dispatched	Enroute
12/07/2012 06:49:00	
Arrived	Cleared
	12/07/2012 07:19:00
User Defined Field 1-2	User Defined Field 2
85	
User Defined Field 3	User Defined Field 4

Comments

Comment
<p>On the listed date, time Patrol received a call via 911 radio dispatch to respond to a reported vehicle accident, vehicles off the roadway across from Jenny Products on North Pleasant Avenue.</p> <p>This Officer responded and upon arrival made contact with the persons/vehicles in the parking lot of Leiss Tool & Die off of North Pleasant Avenue. Upon talking with drivers involved Unit 1 driver stated he turned into the parking lot of Leiss Tool & Die off of North Pleasant Avenue and struck the front end of Unit 2 which was in the parking lot getting ready to pull out of the lot. Driver of Unit 1 stated he just didn't see Unit 2. Unit 2 driver stated she was in the parking lot getting ready to pull out onto North Pleasant Avenue and Unit 1 pulled in and struck the front end of her vehicle.</p> <p>Unit 1 Driver: [REDACTED] Rockwood Pa [REDACTED]. Unit 1 Vehicle: 2002 GMC TRK PA License number [REDACTED] Unit 1 insurance info American National General policy number [REDACTED] Unit 1 driver stated there was no other occupants in his vehicle and he was uninjured. Damage to Unit 1 was the front end and was operable.</p> <p>Unit 2 Driver: [REDACTED] Apollo Pa [REDACTED]. Unit 2 Vehicle: 2012 Chevrolet Cruze SDN PA License number [REDACTED] Unit 2 insurance info Erie policy number [REDACTED] Unit 2 driver stated there was not other occupants in her vehicle and she was uninjured. Damage to Unit 2 was the front end and was inoperable and had to be towed.</p>

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	12/18/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1134330186	VIN:	1G1PK5SC7C7██████████

Mileage at inspection:	27,415	Inspection location:	Kenny Ross Chevrolet
Inspected by:	Erik Kidwell	Address:	2006 N. Center Ave., Somerset, PA 15501
Inspector's phone number:	248-687-4343		

Was a dealer technician used? Yes No

If Yes, number of hours?

If possible, document the RO number:

Maximum vehicle speed taken from CDR report:

Did CDR detect a rollover event? Yes No

Number of photos

Number of DTCs

Section 1 INSPECTION SUMMARY

Provide driver/claimant's complete description of incident. Do not paraphrase the customer's words. This is a very important section of the report:

On the morning of December 7, 2012, Mrs. ██████████ arrived in Somerset Pa on her way to work. She had stopped at the nearby Turkey Hill gas station for her morning coffee and then headed down North Pleasant Ave when she pulled into Leiss Tool & Dye's parking lot. She gathered her coffee and prepared to get back on the road before she potentially would get caught behind a morning school bus that would make her late to work. At about 6:45am she started looking to pull out of the parking lot. Mrs. ██████████ noticed a tractor trailer coming in her direction and wanted to make sure that she got out in front of it. At that same time a GMC pick-up belonging to one of the employees at Leiss wanted to turn into work before that same tractor trailer. He turned into the Chevrolet Cruze head on. He later told Mrs. ██████████ that he didn't even see her sitting there. Mrs. ██████████ stated that she was going about 5 mph because she was just starting to accelerate.

NOTE: FOR ALLEGATIONS OF AN INADVERTENT DEPLOYMENT WITH NO COLLISION, COMPLETE THE INADVERTENT AIRBAG DEPLOYMENT INSPECTION FORM.

<input checked="" type="checkbox"/>	Non-deployment (the airbag did not deploy and the claimant states that it should have)
<input checked="" type="checkbox"/>	Front <input type="checkbox"/> Side <input type="checkbox"/> Other <input type="checkbox"/>
<input type="checkbox"/>	Inadvertent deployment with a collision, (the claimant states that the airbag deployed when it should not have)
<input type="checkbox"/>	Front <input type="checkbox"/> Side <input type="checkbox"/> Other <input type="checkbox"/>
<input type="checkbox"/>	Improper deployment (e.g. the claimant states that the airbag deployed late or only partially)
<input type="checkbox"/>	Front <input type="checkbox"/> Side <input type="checkbox"/> Other <input type="checkbox"/>
<input type="checkbox"/>	Deployment-induced injury in a collision (the claimant states the deployment of the airbag caused an injury)
<input type="checkbox"/>	Other Describe: <input type="text"/>
<input type="checkbox"/>	None: seat belt - related allegation only

Describe the seat belt related allegation below:

<input type="checkbox"/>	Non-activation (the claimant states that the seat belt did not restrain an occupant and it should have)
<input type="checkbox"/>	Induced injury (the claimant states the seat belt system caused an injury)
<input type="checkbox"/>	Other Describe: <input type="text"/>
<input type="checkbox"/>	None: SIR - related allegation only

Driver seatbelt pretensioner deployed? Yes No

Passenger seatbelt pretensioner deployed? Yes No

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	12/18/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1134330186	VIN:	1G1PK5SC7C7██████████

Following the inspection, summarize the facts and observations:

On December 18, 2012 a vehicle investigation was performed on a 2012 Chevrolet Cruze belonging to Mrs. ██████████. The vehicle was presented after a front end collision. The driver's front airbag had not deployed during the accident. The accident was a low speed front collision with a pick-up estimate at 15 mph by Mrs. ██████████.

- The site was investigated shortly after the incident but no remaining evidence was found. (photos 56-58)
- CDR indicated a non deployment event (report attached)
- Vehicle measurements were taken to gauge possible changes in wheel base. (photos 44-55)
- The exterior walk around inspection was consistent with Mrs. ██████████'s statement. Damage to her vehicle was centered on the driver's front center to the driver's headlamp area. The hood was going to have to be cut to allow access to the engine compartment. A large cut in the front bumper reinforcement was found after moving a piece of the grille out of the way. Since the hood could not be opened and visual confirmation of the front impact sensor could not be determined, I attempted and was able to feel along the upper radiator support and found the wires and the sensors intact and secure. (photos 6-9 and 23-40).
- The underbody was inspected while on a lift. The plastic cladding that is found under the vehicle was damaged in the front. Under the engine compartment, there was no sign of a coolant leak or any other fluid detected. The radiator and a/c condenser could be seen as being bent and the tops pushed into the engine. Scratches could be seen on the lower side of the front bumper as well. (photos 10, 15, and 42-43)
- While inspecting the interior, the condition of the front door hinges and the driver's door rubbing on the fender was noticed as well. The SDM operation and condition was checked along with the passenger presence system. No fault codes were found in the vehicle's modules during the investigation. (photos 11-14, and 16-22)

Section 2 INTERVIEW – INCIDENT DETAILS

Interviewee name:	██████████
Address:	██████████ Apollo, PA ██████████
Phone number:	██████████
Date of interview:	12/14/2012
Interview mode: (Telephone or in person)	Telephone

Police report?

 Yes No

Fire report?

 Yes No

Driver's Physical Description

Name:	██████████
Gender:	Female
Height:	5'1"
Weight:	122
Disabilities:	None

Driver's Trip Information

Hours	Minutes	Distance	Driver's Estimated Speed
1	15	59	5 mph

Exact incident location: The parking lot of Leiss Tool and Dye in Somerset, PA

Exact incident date & time: 12/07/2012 at 6:45 a.m.

Weather condition & visibility: Dawn and raining

Approximate temp (°F):45-50

Was there a collision?

 Yes No

Were there any other occupants in the vehicle at the time of the incident?

 Yes No

Occupant's Information (If Applicable)

Name:	
Gender:	
Height:	
Weight:	
Age:	

Name:	
Gender:	
Height:	
Weight:	
Age:	

R006			
		Inspection date:	12/18/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1134330186	VIN:	1G1PK5SC7C7

Where were the other occupants seated?

Front Row:	<input type="checkbox"/> Right Front	<input type="checkbox"/> Front Center	
Second Row:	<input type="checkbox"/> Right Rear	<input type="checkbox"/> Center	<input type="checkbox"/> Left Rear
Third Row:	<input type="checkbox"/> Right Rear	<input type="checkbox"/> Center	<input type="checkbox"/> Left Rear

If the vehicle is a truck or a car trailing cargo at the time of the incident, estimate total weight of cargo and trailer	0 (lbs)
Load description:	

Any objects in the road? Yes No
 If yes, describe: _____

Did vehicle leave the roadway? Yes No
 If yes, what was impacted? In parking lot

Was there any evasive action? Turning Braking Accelerating Other: _____

Road Surface:	<input type="checkbox"/> Concrete	<input checked="" type="checkbox"/> Asphalt	<input type="checkbox"/> Gravel	<input type="checkbox"/> Crushed Rock	<input type="checkbox"/> Dirt
Road Condition:	<input type="checkbox"/> Dry	<input checked="" type="checkbox"/> Wet	<input type="checkbox"/> Icy	<input type="checkbox"/> Other:	<input type="checkbox"/> Dirt
Shoulder/Curb Condition:	<input type="checkbox"/> Dry	<input checked="" type="checkbox"/> Wet	<input type="checkbox"/> Icy	<input type="checkbox"/> Other:	<input type="checkbox"/> Dirt
Select One---->	<input type="checkbox"/> Shoulder	<input checked="" type="checkbox"/> Curb			

Any unusual noises (bang, pop, tick, grinding, metallic, roar, etc.)? Yes No
 If Yes, from where? _____

Prior to or after the incident, were there any warning lights on, or messages displayed on the Driver's Information Center? Yes No
 If Yes, what indicator? _____

Has this condition been observed prior to this incident? Yes No
 If yes, how often? _____

Was the repair facility contacted regarding this concern? Yes No
 Is an invoice for the repair available? Yes No
 If Yes, what was the outcome? _____

Additional comments concerning the incident:

Section 3 VEHICLE HISTORY

---Obtain information for this section from Driver / Claimant---

If any information for this section is obtained from anyone other than the claimant, provide the name, address, phone number and relationship, if any, to the claimant

Name:	
Address:	
Phone number:	
Relationship to claimant:	

Did the owner purchase the vehicle new? Yes No
 If yes, date of purchase? 03/2012

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	12/18/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1134330186	VIN:	1G1PK5SC7C7██████████

If purchased used, provide the name, address of the seller and data of purchase:

Name:	██████████
Address:	██████████
Date of purchase:	██████████

VEHICLE REPAIR / SERVICE HISTORY

If the answer is "Yes" to any of the following three questions, describe the repairs. Obtain copies of the repair order(s) if possible, and document the name of the service facility, its address, and telephone number.

Any repairs outside of warranty? Yes No

If yes, provide dates, descriptions of the repair(s) and repair invoices if possible:

Date	Repair Description / By Whom?

Prior electrical system service? Yes No

If yes, provide the following:

Date	Description

Prior collision repair? Yes No

If yes, provide the following:

Date	Description

Prior SIR and/or seat belt service, repair, or replacement? Yes No

If yes, provide the following:

Date	Description

VEHICLE MODIFICATIONS / ALTERATIONS

Ask if there are any vehicle modifications or alterations present, and has any after-market equipment been installed? Remember that if the vehicle has been pre-owned, the current owner may not know of any/all changes to the vehicle.

<input type="checkbox"/> Remote Start	<input type="checkbox"/> Suspension	<input type="checkbox"/> Tires/Wheels	<input type="checkbox"/> Turbo	<input type="checkbox"/> Aftermarket Exhaust
<input type="checkbox"/> Body Modifications	<input type="checkbox"/> Towing Equip.	<input type="checkbox"/> Security Alarm	<input type="checkbox"/> Wiring	<input type="checkbox"/> Headers
<input type="checkbox"/> Unknown				

If yes, describe component, who installed it, and capture photos:

--

Other vehicle history information from interview, GM Warranty, or Dealership history files? Yes No

If Yes, describe & make copies:

VIS attached – no related repairs.

Section 4

VEHICLE / SYSTEM INSPECTION

---Note---

Do Not "Clear Codes" from any on board module(s)

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	12/18/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1134330186	VIN:	1G1PK5SC7C7██████████

Use the scan tool to capture all diagnostic trouble codes (current or history), and photograph the screens (if a scan tool was used).

DTC	Symptom	Description	Current	History
		No Codes Present at Investigation		

SDM Crash Data Collection:

Describe and photograph any evidence that the passenger compartment may have had moisture intrusion or the SDM has incurred any damage due to moisture/corrosion. Visually inspect the carpet and floor pan for moisture and the SDM electrical connector male and female ends for signs of corrosion. If the SDM is mounted under a seat, visually inspect for any foreign objects that could affect the airbag system operation and, if found, inspect the area very carefully. Photograph as needed.

If the vehicle is equipped with roll-over protection, download the ROS data after downloading the CDR data. (See ROS Coverage document to determine whether vehicle is supported, and/or observe the icons on the function bar on the CDR screen.) SUV-type vehicles may have roll-over protection. An "Airbag" name will be embossed on the trim at the A and possibly B pillars of the vehicle.

NOTE: Some vehicles do not require the ignition key to be in the ignition "on" position in order to download the data

- OBTAIN DERM/SDM DOWNLOADS FOR ALL INADVERTENT DEPLOYMENT ALLEGATIONS
- IF POSSIBLE, AVOID CYCLING THE IGNITION KEY ON/OFF PRIOR TO OBTAINING THE DOWNLOAD
- PHOTOS OF THE CDR SCREEN ARE REQUIRED TO SHOW ANY ERROR MESSAGES

NOTE: Save the raw CDR and ROS files, and then a PDF files. Submit all files with report.

Was the CDR download available?

 Yes

 No

If "No", describe:

How was download obtained?

 ALDL / DLC

 Directly from module using adapter harness w/ Bosch CDR

If the download was obtained directly from the module, was the module removed from the vehicle?

 Yes

 No

If removed from the vehicle, describe and photograph the conditions under which the module was mounted when the download was obtained:

FRONT AREA: Describe any damage to the front of the vehicle. Observe and photograph whether the hood is opened, if it contacted or penetrated the windshield, and the location of the contact.

The hood was pushed rearward and created such a bend that the tension on the hood latch was so tight it wouldn't release. The front bumper is cracked and torn. The driver's headlamp is shattered. The front bumper reinforcement has a chunk taken out of it.

LEFT SIDE EXTERIOR: Describe any damage to the door(s) and other body panels. Determine whether any door opened as a result of the impact. If so, photograph the latch, striker and the hinges.

The fender is bent and pushed backwards into the driver's door.

RIGHT SIDE EXTERIOR: Describe any damage to the door(s) and other body panels. Determine whether any door opened as a result of the impact. If so, photograph the latch, striker and the hinges.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	██████████	██████████
██████████	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1134330186	VIN:	1G1PK5SC7C7██████████

The front bumper and fender is misaligned.

REAR AREA: Describe any damage to the rear of the vehicle. Observe and photograph whether the deck lid or rear hatch opened and note if the spare tire separated from the vehicle.

No damage to report.

ROOF / ROOF STRUCTURE: Describe any damage to the roof of the vehicle. Note if any convertible tops or removable roof panels did not remain attached, and photograph the latches.

No damage to report.

UNDERBODY / FRAME / CHASSIS AREA: The underbody should be carefully inspected and any damage to the underside of the vehicle completely described. Note the condition of the bumpers, frame, suspension, tires, wheels, & engine mount(s)/cross member. Briefly describe any damage or signs of impact to areas of the underbody and provide photos in the photo log.

Damage to cladding and A/C Condenser. The radiator is bent but there are no signs of a leak.

SIDE IMPACT INSPECTION

Identify and photograph the following items:

1. Door hinges on struck side damaged?
2. Door hinges on struck side separated?
3. Damage to striker/latch system?
4. Any rubber or paint transferred to the subject vehicle?
5. Damage from extrication tools (Jaws of Life)?
6. Separation of sheet metal along weld seams (doors, rocker panels, etc...)?
7. Side door beam damaged? (Photos if possible)
8. Side beam welds separated? (Photos if possible)
9. Interior door trim damaged?
10. Interior roof trim damaged near door opening?

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No

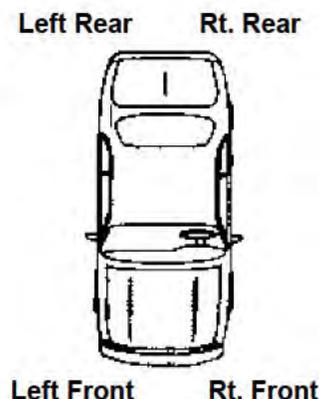
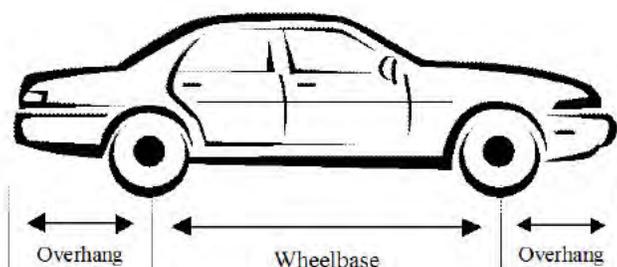
Identify and photograph the following (note the "non-struck" items):

1. Hinges on "non-struck" side
2. Latch/striker on "non-struck" side
3. Door trim on "non-struck" side
4. Headliner / roof trim on "non-struck" side
5. Overhead view (if possible)
6. Underbody, front & rear suspension
7. Striking vehicle
8. Any other vehicles involved

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	12/18/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1134330186	VIN:	1G1PK5SC7C7██████████

STRUCTURAL DEFORMATION/CRUSH AREAS



Please check all that apply:

Type of impact(s)? Frontal Side Rear Rollover Other: _____

The following dimensions should be obtained as they are important in determining the magnitude of the impact to the vehicle. See diagram for definitions of overhang. Do not report "No Change" in this section.

All values in inches:

Driver side wheelbase	106	Passenger side wheelbase	106
Driver side front overhang	37	Passenger side front overhang	37
Driver side rear overhang	36	Passenger side rear overhang	36

Maximum depth of crush (Inches):

12	Front		Driver's side
	Rear		Passenger's side
	Roof		

Additional comments regarding exterior damage:

PRIOR DAMAGE

Document and photograph any damage that appears to have been present prior to this incident:

Does customer allege non-deployment of side airbags or roof rail airbags? Yes No

NOTE: Complete the following if the customer allegation involves NON DEPLOYMENT of the side impact airbags or roof rail airbags. Otherwise leave the remaining portion of section blank. Identify and photograph the following items:

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	12/18/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1134330186	VIN:	1G1PK5SC7C7██████████

Door hinges on struck side damaged?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Door hinges on struck side separated?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Damage to striker/latch system?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Any rubber or paint transferred to the subject vehicle?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Damage from extrication tools (e.g. jaws of life)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Separation of sheet metal along weld seams (doors, rocker panels, etc...)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Side door beam damaged? (Photos if possible)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Side beam welds separated (Photos if possible)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Interior door trim damaged?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Interior roof trim damaged near door opening?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

Additional comments:

Photograph the following:

Hinges on non-struck side	<input type="checkbox"/>	Overhead view (if possible)	<input type="checkbox"/>
Latch/striker on non-struck side	<input type="checkbox"/>	Door trim on non-struck side	<input type="checkbox"/>
Underbody, front & rear suspension	<input type="checkbox"/>	Headliner / roof trim on non-struck side	<input type="checkbox"/>
Striking vehicle (If available)	<input type="checkbox"/>	Any other vehicles involved (if possible)	<input type="checkbox"/>

INTERIOR INSPECTION (Photograph the side view of the steering wheel and column, the interior, and deployed airbags)

Interior reduced in size?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Where:
Intrusion by an external object?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Loose objects inside?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Cowl deformed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Floorpan / Toepan deformed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Headliner / visors damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Inside rear-view mirror damaged	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Door trim damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Steering column displaced?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Steering column capsule bracket displaced?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Control knobs/ levers damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Accelerator/brake pedals deformed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Instrument panel damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Lower IP/Kneel bolster damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:

If any of the following are "Yes", capture photographs

Driver front airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger front airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Driver side airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger side airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Driver roof rail airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger roof rail airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Other? (pretensioners, etc.)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Other:

Windshield (W/S) damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No		
If Yes?	<input type="checkbox"/>	Cracked	<input type="checkbox"/>	Broken (Top inner layer)	<input type="checkbox"/>	Damaged by occupant contact
W/S separated from vehicle?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	%(Approx.) Approximate % of perimeter separation

Steering wheel damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	
If Yes:	<input type="checkbox"/>	Rim	<input type="checkbox"/>	Hub	
If yes, describe?					

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	12/18/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1134330186	VIN:	1G1PK5SC7C7██████████

If applicable, indicate the "clock" position of damage to the steering wheel:

(NOTE: The top of the steering wheel assembly is 12 o'clock, regardless if the wheel itself is turned.)

Tilt steering wheel? Yes No
 If yes, position? Low Med High

Telescoping steering wheel? Yes No
 If yes, position? Forward Middle Rearward

IF THERE WERE ANY TRANSFER MARKS PRESENT ON THE STEERING WHEEL, PHOTOGRAPH THEM

Were transfer marks present (clothing, makeup, etc.)? No Yes

If yes, describe?

If the SDM is located under a seat, visually inspect for foreign objects and water intrusion that could damage the module or its wiring. If any exist, remove the seat and conduct a more extensive examination of the area. Describe findings and photograph.

Any signs of water intrusion? Yes No

If yes, describe:

SEAT INSPECTION (Photograph damaged areas)

Type of front seat? Bucket Bench 50/50 Split Bench 60/40 Split Bench

DRIVER'S SEAT INFORMATION

Seat damage? Yes No
 If Yes, location? Seat bottom Backrest Headrest

Seatback struck by rear occupant? Yes No

If yes, describe:

RIGHT FRONT PASSENGER SEAT INFORMATION

Seat damage? Yes No
 If Yes, location? Seat bottom Backrest Headrest

Seatback struck by rear occupant? Yes No

If yes, describe:

Additional info regarding seat damage (Front or rear):

WINDOW INSPECTION

Note all window conditions:

RESTRAINT SYSTEM INSPECTION

Note: Do not "Clear Codes" from the on-board computer(s)

If equipped, are the pretensioners activated / deployed? Yes No

"Alleged", SIR Unit(s):

Driver front Passenger front Driver side (door/seat) Passenger side (door/seat)

Driver knee bag Passenger knee bag Roof rail airbag(s) Other:

Driver pretensioner Passenger pretensioner

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	12/18/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1134330186	VIN:	1G1PK5SC7C7██████████

Actual Deployed SIR(s):

<input type="checkbox"/> Driver front	<input type="checkbox"/> Passenger front	<input type="checkbox"/> Driver side (door/seat)	<input type="checkbox"/> Passenger side (door /seat)
<input type="checkbox"/> Driver knee bag	<input type="checkbox"/> Passenger knee bag	<input type="checkbox"/> Roof rail airbag(s)	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Driver Pretensioner	<input type="checkbox"/> Passenger Pretensioner		

INSPECT SIR WIRING and SENSORS (IF VISIBLE)

SIR wiring damaged?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe: _____
SIR sensors damaged / disconnected?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe: _____

If any airbag(s) deployed was it the:

Driver front airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe: _____
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe: _____

Passenger front airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe: _____
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe: _____

Driver side airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe: _____
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe: _____

Passenger side airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe: _____
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe: _____

Roof rail airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe: _____
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe: _____

ALLEGATION THAT FRONT PASSENGER AIRBAG "DID NOT DEPLOY" IN A COLLISION

Complete this section if the customer alleges the FRONT PASSENGER airbag did not deploy in a collision. (Effective with the MY2007 NHTSA required all vehicles to be equipped with a Passenger Presence System.) Many vehicles were equipped with this feature prior to MY2007. Check the owner's manual and labels in the vehicle. The following information may be useful in evaluating those concerns.

If transfer marks are present, please provide: Age Height (feet & inches) Weight (lbs)

Note: For details on the front passenger's physical description, please refer to Section 2.

Record and photograph the passenger seat position measurement.

Seat track position: Inches

Measure the moveable track position in relation to the stationary base of the track at the front. Is the track forward of, or back from the base?

Forward of Back from

Photograph the measurement.

Driver seat position and its distance to the IP: Inches

NOTE: THE FOLLOWING TEST WILL NOT WORK IF THE DOWNLOAD IS TAKEN DIRECTLY FROM THE SDM. RECONNECT SDM TO VEHICLE HARNESS TO PERFORM THE TEST. Take photos for documentation.

R006 Restraint			
		Inspection date:	12/18/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1134330186	VIN:	1G1PK5SC7C7

Perform the following check for vehicles equipped with a passenger airbag status indicator. NOTE: For some vehicles the key must be in the "on", or "run" position to perform the check.

Observe the PASSENGER airbag status indicator. Is the passenger airbag system "ON"? Yes No
 Sit in the passenger seat and observe the status indicator. Is the passenger airbag system "ON"? Yes No

Photograph the seat cover and cushion
 Photograph any signs of the RF seat occupant contact with the I/P or other interior area.

AIRBAG LIGHT FUNCTIONAL TEST RESULTS:

Airbag warning light came "ON" with the ignition key, blinked several times and went "OUT"? Yes No
 Airbag warning light came "ON" with the ignition key, blinked several times and stayed "ON"? Yes No

Describe any other results:

Turn on ignition, observe seat belt light. On? Yes No
 Buckle driver's seat belt. Seat belt light on? Yes No

When sitting in the passenger seat, does the passenger seat belt warning light (if equipped), illuminate when the belt is not buckled and go "OFF" when it is buckled? Yes No

SDM Crash Data Collection:

Describe and photograph any evidence that the passenger compartment may have had moisture intrusion or the SDM has incurred any damage due to moisture/corrosion. Visually inspect the carpet and floor pan for moisture and the SDM electrical connector male and female ends for signs of corrosion. If the SDM is mounted under a seat, visually inspect for any foreign objects that could affect the airbag system operation and, if found, inspect the area very carefully. Photograph as needed.

If the vehicle is equipped with roll-over protection, download the ROS data after downloading the CDR data. (See ROS Coverage document to determine whether vehicle is supported, and/or observe the icons on the function bar on the CDR screen.) SUV-type vehicles may have roll-over protection. An "Airbag" name will be embossed on the trim at the A and possibly B pillars of the vehicle.

- NOTE:** Some vehicles do not require the ignition key to be in the ignition "on" position in order to download the data
- OBTAIN SDM DOWNLOADS FOR ALL INADVERTENT DEPLOYMENT ALLEGATIONS
 - IF POSSIBLE, AVOID CYCLING THE IGNITION KEY ON/OFF PRIOR TO OBTAINING THE DOWNLOAD
 - PHOTOS OF THE CDR SCREEN ARE REQUIRED TO SHOW ANY ERROR MESSAGES

NOTE: Save the raw CDR and ROS files and then save them as PDF type files. Submit all .CDRx and PDF files with report.

Was the CDR download available? Yes No
 If "No", describe:

How was download obtained? ALDL / DLC Directly from module using adapter harness w/ Bosch CDR

If the download was obtained directly from the module, was the module removed from the vehicle? Yes No
 If removed from the vehicle, describe/photograph the conditions under which the module was mounted when the download was obtained:

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	12/18/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1134330186	VIN:	1G1PK5SC7C7██████████

RESTRAINT SYSTEM INSPECTION (SEAT BELTS)

IF A COLLISION OCCURRED, THE SEAT BELTS SHOULD BE INSPECTED FOR SEAT BELT(S) POSITIONS OF ALL OCCUPANTS AT THE TIME OF COLLISION.

Location of inspected seatbelts:

<input checked="" type="checkbox"/> Driver	<input type="checkbox"/> Center front	<input type="checkbox"/> Passenger	<input type="checkbox"/> Third Row
<input type="checkbox"/> Driver's side rear	<input type="checkbox"/> Center rear	<input type="checkbox"/> Right rear	

Photograph: The overall belt assembly (both outboard positions, even if only the driver was present in the vehicle at the time of the incident). All visible components of the seat belt system and anchor points

If equipped, are the pretensioners activated / deployed? Yes No

NOTE: Answer the following questions for the driver's seat belt. If other seat belt positions are inspected, use the seat belt addendum to report inspection results. Identify and photograph the following items:

Is the driver's seatbelt fully retracted? Yes No

IF THE ANSWER IS NO, DO NOT DISTURB BELTS AT THIS TIME.

Secure webbing, measure length, and show measurement in a photo: Inches

If abnormalities are seen during the following, ensure you capture measurements and photos of the damage.

Does the webbing spool in and out freely (minimal effort)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	<input type="checkbox"/> Lap	<input checked="" type="checkbox"/> Shoulder
Marks, cuts or debris present on shoulder and lap belt webbing?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Webbing energy management loops (if equipped) - stitches pulled free, unfolded, replacement/warning label exposed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Tack stitch separated from plastic sleeve?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Webbing cut?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does guide loop assembly exhibit striations, bent, or deformed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does guide loop adjuster move up and down (if equipped)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the seat belt buckle latch and unlatch?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the seat belt return to the stowed position when unbuckled?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Buckle condition (worn or foreign material present)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Any components missing?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the seat belt return to the stowed position when unbuckled?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Any post-collision damage present (e.g. rescue workers)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is the seat belt webbing cut? (If yes, photograph and record length of pieces):	<input type="text"/> Inches	

NOTE: If there were occupants in other seating positions, inspect those seating positions and report the results on the seat belt addendum. Include it with your report.

If possible, perform a dynamic "panic stop" type test with the vehicle.

Do the retractors on the belts being inspected appear to lock and hold properly? Yes No

If **No**, describe:

If vehicle is not drivable, jerk each belt inspected rapidly. (Note: Some inertia activated retractors will not lock on this test.) Did the retractors lock? Yes No

If **No**, which belts do not lock/hold?

Additional comments?

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	12/18/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1134330186	VIN:	1G1PK5SC7C7██████████

Section 5 SITE INSPECTION

NOTE: In most instances a site inspection is not required on vehicles with no damage present (e.g. claimant says they hit a pot hole...)

Was a site inspection performed? Yes No

Comments?

Posted speed where the incident occurred? (mph)

SITE INSPECTION: PERFORM THE FOLLOWING IF ADDITIONAL INFORMATION MAY BE FOUND:

- If the customer can identify the incident scene and verify tire marks, gouges in the pavement, debris, or any police marks at the scene, measure location of the items and photograph.
- Identify evidence of whether the vehicle left the road prior to, during, or after the incident. Document all locations, distances, etc...
- Identify evidence & photograph any object struck by the vehicle on or off the road prior to, during, or after incident.
- Inspect roadway & shoulder surfaces in the area of the incident site for telltale signs of loss of control, excessive speed, severe braking, etc.

Photograph the scene and any property involved. Only factual comments should be entered in this section:

Section 6 COMMENT OVERFLOW

Please use this area for additional comments from the inspection form. Please note the section and area that the comments are continued from prior to each comment.

Section 7 OTHER REPORT INFORMATION

Check here if there was evidence of a "Fire-Related" event.

According to NHTSA, "fire" means combustion or burning of material in or from a vehicle as evidenced by flame. The term also includes, but is not limited to, thermal events and fire-related phenomena such as smoke, sparks or smoldering, but does not include events and phenomena associated with a normally functioning vehicle, such as combustion of fuel within an engine or exhaust from an engine.

Photographs

Data Downloads

Other Records

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████

Inspector (First & Last Name) : Erik Kidwell
Number of Photos: 58

This log contains 2 sections; both must be filled out, as well as the Header. The description should "briefly explain" the image contents. Ensure that you note in the far right column, whether or not the image contains a damaged component.

Section 1. Description

Photo #	Description Only	Damage (Yes/No)
1	Vin Plate	No
2	Door Plate (GVWR)	No
3	Tire Plate	No
4	RPO Plate (If available)	No
5	IP Cluster / Odometer	No
6	Front (Exterior)	Yes
7	Passenger's Side (Exterior)	No
8	Rear (Exterior)	No
9	Driver's Side (Exterior)	Yes
10	Under Hood	Yes
11	Driver's Side (Interior)	No
12	Passenger's Side (Interior)	No
13	Rear (Interior)	No
14	Trunk/Hatch/Cargo Area	No
15	Underbody	No
16	Side View of Steering Column	No
17	Passenger Presence System Operation Off	No
18	Passenger Presence System Operation On	No
19	SDM Location	No
20	SDM No Codes Present	No
21	Driver's Front Door Hinges	No
22	Passenger Front Door Hinges	No
23	Point of Impact	Yes
24	Point of Impact Measurement to Upper Radiator Support	Yes
25	Point of Impact To Hood Location	Yes
26	Driver's Hood Hinge	Yes
27	Passenger Hood Hinge	Yes
28	Overlap of Driver's Fender to Hood	Yes
29	Overlap of Passenger Fender to Hood	Yes
30	Damage to Hood	Yes
31	Damage to Hood and Front Bumper	Yes
32	Damage to Hood and Driver's Headlamp	Yes
33	Gap from Passenger Side of Hood	Yes
34	Damage to Grille Driver's Side	Yes
35	Damage to A/C Condenser	Yes
36	Piece Missing from Front Bumper Reinforcement	Yes
37	Piece Missing from Front Bumper Reinforcement	Yes
38	Front Bumper Reinforcement	Yes
39	Damage to Driver's Front Headlamp	Yes
40	Front Bumper Cover Alignment to Passenger Fender	Yes
41	Driver's Fender Rubbing on Front Door	Yes
42	Scrapes on Front Bumper on Passenger Side	Yes
43	Scratched on Underside of Front Bumper	Yes
44	Driver's Wheel Base Measurement	No
45	Driver's Wheel Base Measurement	No
46	Driver's Front Overhang Measurement	No
47	Driver's Front Overhang Measurement	No
48	Driver's Rear Overhang Measurement	No
49	Driver's Rear Overhang Measurement	No

Phot [REDACTED]			
[REDACTED]	[REDACTED]	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7 [REDACTED]

Photo #	Description Only	Damage (Yes/No)
50	Passenger Wheel Base Measurement	No
51	Passenger Wheel Base Measurement	No
52	Passenger Front Overhang Measurement	No
53	Passenger Front Overhang Measurement	No
54	Passenger Rear Overhang Measurement	No
55	Passenger Rear Overhang Measurement	No
56	Site of Accident	No
57	Site of Accident	No
58	Site of Accident	No

Phot		[REDACTED]	
		Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7 [REDACTED]

Section 2. Description and Photos

Photo #	Description / Photo	Damage (Yes/No)												
1	Vin Plate 	No												
2	Door Plate (GVWR)  <table border="1"> <thead> <tr> <th>DATE</th> <th>GVWR</th> <th>GAWR FRT</th> <th>GAWR RR</th> </tr> </thead> <tbody> <tr> <td>10/11</td> <td>1795 KG</td> <td>944 KG</td> <td>851 KG</td> </tr> <tr> <td></td> <td>3959 LB</td> <td>2082 LB</td> <td>1877 LB</td> </tr> </tbody> </table> <p>THIS VEHICLE CONFORMS TO ALL APPLICABLE U.S. FEDERAL MOTOR VEHICLE SAFETY, BUMPER, AND THEFT PREVENTION STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.</p> <p>1G1PK55C7C7 [REDACTED] TYPE: PASS CAR</p>	DATE	GVWR	GAWR FRT	GAWR RR	10/11	1795 KG	944 KG	851 KG		3959 LB	2082 LB	1877 LB	No
DATE	GVWR	GAWR FRT	GAWR RR											
10/11	1795 KG	944 KG	851 KG											
	3959 LB	2082 LB	1877 LB											

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	██████████	██████████
██████████	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████████

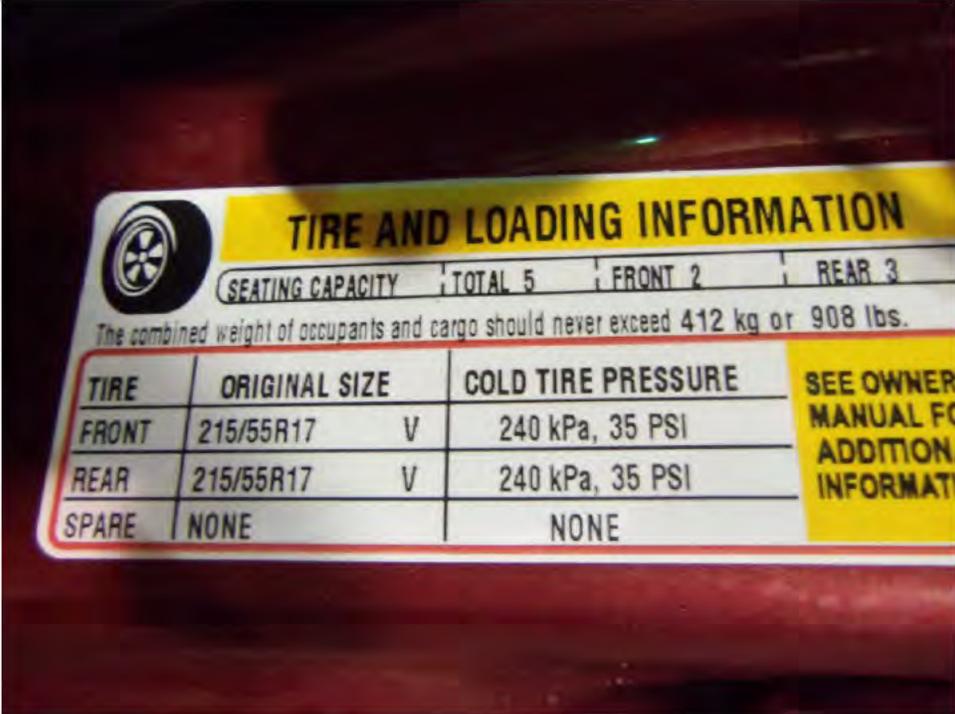
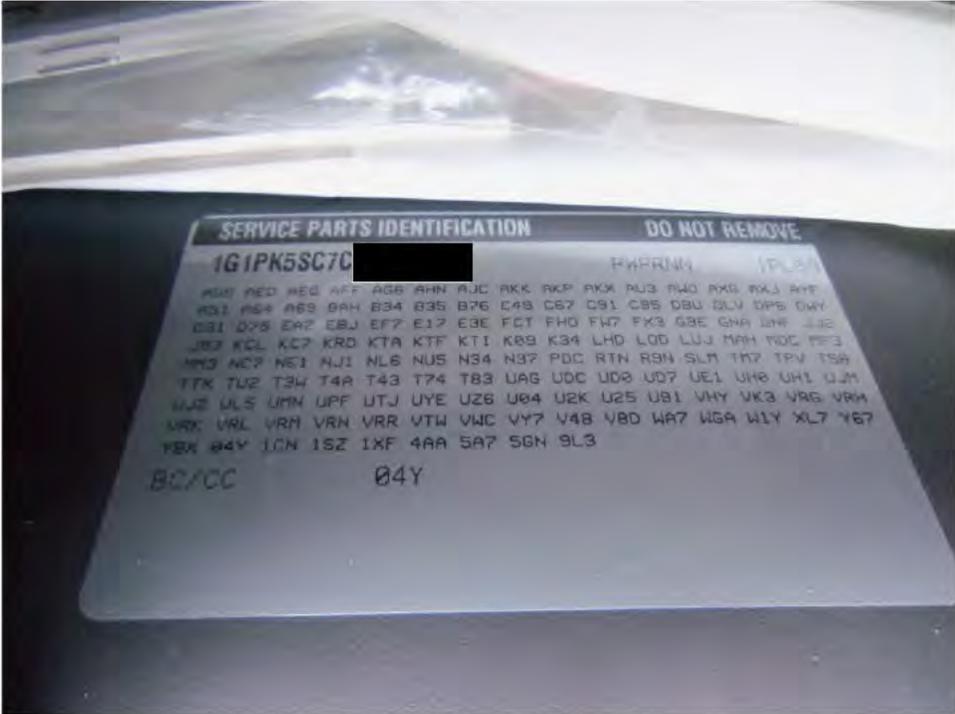
Photo #	Description / Photo	Damage (Yes/No)																	
3	<p>Tire Plate</p>  <table border="1" data-bbox="256 743 1175 947"> <thead> <tr> <th>TIRE</th> <th>ORIGINAL SIZE</th> <th></th> <th>COLD TIRE PRESSURE</th> <th rowspan="4">SEE OWNER MANUAL FOR ADDITIONAL INFORMATION</th> </tr> </thead> <tbody> <tr> <td>FRONT</td> <td>215/55R17</td> <td>V</td> <td>240 kPa, 35 PSI</td> </tr> <tr> <td>REAR</td> <td>215/55R17</td> <td>V</td> <td>240 kPa, 35 PSI</td> </tr> <tr> <td>SPARE</td> <td>NONE</td> <td></td> <td>NONE</td> </tr> </tbody> </table>	TIRE	ORIGINAL SIZE		COLD TIRE PRESSURE	SEE OWNER MANUAL FOR ADDITIONAL INFORMATION	FRONT	215/55R17	V	240 kPa, 35 PSI	REAR	215/55R17	V	240 kPa, 35 PSI	SPARE	NONE		NONE	No
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REAR	215/55R17	V	240 kPa, 35 PSI																
SPARE	NONE		NONE																
4	<p>RPO Plate (If available)</p>  <p>SERVICE PARTS IDENTIFICATION DO NOT REMOVE</p> <p>1G1PK55C7C7 ██████████ RHPRNN (PLM)</p> <p> A00 A02 A03 A04 A05 A06 A07 A08 A09 A10 A11 A12 A13 A14 A15 A16 A17 A18 A19 A20 A21 A22 A23 A24 A25 A26 A27 A28 A29 A30 A31 A32 A33 A34 A35 A36 A37 A38 A39 A40 A41 A42 A43 A44 A45 A46 A47 A48 A49 A50 A51 A52 A53 A54 A55 A56 A57 A58 A59 A60 A61 A62 A63 A64 A65 A66 A67 A68 A69 A70 A71 A72 A73 A74 A75 A76 A77 A78 A79 A80 A81 A82 A83 A84 A85 A86 A87 A88 A89 A90 A91 A92 A93 A94 A95 A96 A97 A98 A99 B00 B01 B02 B03 B04 B05 B06 B07 B08 B09 B10 B11 B12 B13 B14 B15 B16 B17 B18 B19 B20 B21 B22 B23 B24 B25 B26 B27 B28 B29 B30 B31 B32 B33 B34 B35 B36 B37 B38 B39 B40 B41 B42 B43 B44 B45 B46 B47 B48 B49 B50 B51 B52 B53 B54 B55 B56 B57 B58 B59 B60 B61 B62 B63 B64 B65 B66 B67 B68 B69 B70 B71 B72 B73 B74 B75 B76 B77 B78 B79 B80 B81 B82 B83 B84 B85 B86 B87 B88 B89 B90 B91 B92 B93 B94 B95 B96 B97 B98 B99 C00 C01 C02 C03 C04 C05 C06 C07 C08 C09 C10 C11 C12 C13 C14 C15 C16 C17 C18 C19 C20 C21 C22 C23 C24 C25 C26 C27 C28 C29 C30 C31 C32 C33 C34 C35 C36 C37 C38 C39 C40 C41 C42 C43 C44 C45 C46 C47 C48 C49 C50 C51 C52 C53 C54 C55 C56 C57 C58 C59 C60 C61 C62 C63 C64 C65 C66 C67 C68 C69 C70 C71 C72 C73 C74 C75 C76 C77 C78 C79 C80 C81 C82 C83 C84 C85 C86 C87 C88 C89 C90 C91 C92 C93 C94 C95 C96 C97 C98 C99 D00 D01 D02 D03 D04 D05 D06 D07 D08 D09 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98 D99 E00 E01 E02 E03 E04 E05 E06 E07 E08 E09 E10 E11 E12 E13 E14 E15 E16 E17 E18 E19 E20 E21 E22 E23 E24 E25 E26 E27 E28 E29 E30 E31 E32 E33 E34 E35 E36 E37 E38 E39 E40 E41 E42 E43 E44 E45 E46 E47 E48 E49 E50 E51 E52 E53 E54 E55 E56 E57 E58 E59 E60 E61 E62 E63 E64 E65 E66 E67 E68 E69 E70 E71 E72 E73 E74 E75 E76 E77 E78 E79 E80 E81 E82 E83 E84 E85 E86 E87 E88 E89 E90 E91 E92 E93 E94 E95 E96 E97 E98 E99 F00 F01 F02 F03 F04 F05 F06 F07 F08 F09 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19 F20 F21 F22 F23 F24 F25 F26 F27 F28 F29 F30 F31 F32 F33 F34 F35 F36 F37 F38 F39 F40 F41 F42 F43 F44 F45 F46 F47 F48 F49 F50 F51 F52 F53 F54 F55 F56 F57 F58 F59 F60 F61 F62 F63 F64 F65 F66 F67 F68 F69 F70 F71 F72 F73 F74 F75 F76 F77 F78 F79 F80 F81 F82 F83 F84 F85 F86 F87 F88 F89 F90 F91 F92 F93 F94 F95 F96 F97 F98 F99 G00 G01 G02 G03 G04 G05 G06 G07 G08 G09 G10 G11 G12 G13 G14 G15 G16 G17 G18 G19 G20 G21 G22 G23 G24 G25 G26 G27 G28 G29 G30 G31 G32 G33 G34 G35 G36 G37 G38 G39 G40 G41 G42 G43 G44 G45 G46 G47 G48 G49 G50 G51 G52 G53 G54 G55 G56 G57 G58 G59 G60 G61 G62 G63 G64 G65 G66 G67 G68 G69 G70 G71 G72 G73 G74 G75 G76 G77 G78 G79 G80 G81 G82 G83 G84 G85 G86 G87 G88 G89 G90 G91 G92 G93 G94 G95 G96 G97 G98 G99 H00 H01 H02 H03 H04 H05 H06 H07 H08 H09 H10 H11 H12 H13 H14 H15 H16 H17 H18 H19 H20 H21 H22 H23 H24 H25 H26 H27 H28 H29 H30 H31 H32 H33 H34 H35 H36 H37 H38 H39 H40 H41 H42 H43 H44 H45 H46 H47 H48 H49 H50 H51 H52 H53 H54 H55 H56 H57 H58 H59 H60 H61 H62 H63 H64 H65 H66 H67 H68 H69 H70 H71 H72 H73 H74 H75 H76 H77 H78 H79 H80 H81 H82 H83 H84 H85 H86 H87 H88 H89 H90 H91 H92 H93 H94 H95 H96 H97 H98 H99 I00 I01 I02 I03 I04 I05 I06 I07 I08 I09 I10 I11 I12 I13 I14 I15 I16 I17 I18 I19 I20 I21 I22 I23 I24 I25 I26 I27 I28 I29 I30 I31 I32 I33 I34 I35 I36 I37 I38 I39 I40 I41 I42 I43 I44 I45 I46 I47 I48 I49 I50 I51 I52 I53 I54 I55 I56 I57 I58 I59 I60 I61 I62 I63 I64 I65 I66 I67 I68 I69 I70 I71 I72 I73 I74 I75 I76 I77 I78 I79 I80 I81 I82 I83 I84 I85 I86 I87 I88 I89 I90 I91 I92 I93 I94 I95 I96 I97 I98 I99 J00 J01 J02 J03 J04 J05 J06 J07 J08 J09 J10 J11 J12 J13 J14 J15 J16 J17 J18 J19 J20 J21 J22 J23 J24 J25 J26 J27 J28 J29 J30 J31 J32 J33 J34 J35 J36 J37 J38 J39 J40 J41 J42 J43 J44 J45 J46 J47 J48 J49 J50 J51 J52 J53 J54 J55 J56 J57 J58 J59 J60 J61 J62 J63 J64 J65 J66 J67 J68 J69 J70 J71 J72 J73 J74 J75 J76 J77 J78 J79 J80 J81 J82 J83 J84 J85 J86 J87 J88 J89 J90 J91 J92 J93 J94 J95 J96 J97 J98 J99 K00 K01 K02 K03 K04 K05 K06 K07 K08 K09 K10 K11 K12 K13 K14 K15 K16 K17 K18 K19 K20 K21 K22 K23 K24 K25 K26 K27 K28 K29 K30 K31 K32 K33 K34 K35 K36 K37 K38 K39 K40 K41 K42 K43 K44 K45 K46 K47 K48 K49 K50 K51 K52 K53 K54 K55 K56 K57 K58 K59 K60 K61 K62 K63 K64 K65 K66 K67 K68 K69 K70 K71 K72 K73 K74 K75 K76 K77 K78 K79 K80 K81 K82 K83 K84 K85 K86 K87 K88 K89 K90 K91 K92 K93 K94 K95 K96 K97 K98 K99 L00 L01 L02 L03 L04 L05 L06 L07 L08 L09 L10 L11 L12 L13 L14 L15 L16 L17 L18 L19 L20 L21 L22 L23 L24 L25 L26 L27 L28 L29 L30 L31 L32 L33 L34 L35 L36 L37 L38 L39 L40 L41 L42 L43 L44 L45 L46 L47 L48 L49 L50 L51 L52 L53 L54 L55 L56 L57 L58 L59 L60 L61 L62 L63 L64 L65 L66 L67 L68 L69 L70 L71 L72 L73 L74 L75 L76 L77 L78 L79 L80 L81 L82 L83 L84 L85 L86 L87 L88 L89 L90 L91 L92 L93 L94 L95 L96 L97 L98 L99 M00 M01 M02 M03 M04 M05 M06 M07 M08 M09 M10 M11 M12 M13 M14 M15 M16 M17 M18 M19 M20 M21 M22 M23 M24 M25 M26 M27 M28 M29 M30 M31 M32 M33 M34 M35 M36 M37 M38 M39 M40 M41 M42 M43 M44 M45 M46 M47 M48 M49 M50 M51 M52 M53 M54 M55 M56 M57 M58 M59 M60 M61 M62 M63 M64 M65 M66 M67 M68 M69 M70 M71 M72 M73 M74 M75 M76 M77 M78 M79 M80 M81 M82 M83 M84 M85 M86 M87 M88 M89 M90 M91 M92 M93 M94 M95 M96 M97 M98 M99 N00 N01 N02 N03 N04 N05 N06 N07 N08 N09 N10 N11 N12 N13 N14 N15 N16 N17 N18 N19 N20 N21 N22 N23 N24 N25 N26 N27 N28 N29 N30 N31 N32 N33 N34 N35 N36 N37 N38 N39 N40 N41 N42 N43 N44 N45 N46 N47 N48 N49 N50 N51 N52 N53 N54 N55 N56 N57 N58 N59 N60 N61 N62 N63 N64 N65 N66 N67 N68 N69 N70 N71 N72 N73 N74 N75 N76 N77 N78 N79 N80 N81 N82 N83 N84 N85 N86 N87 N88 N89 N90 N91 N92 N93 N94 N95 N96 N97 N98 N99 O00 O01 O02 O03 O04 O05 O06 O07 O08 O09 O10 O11 O12 O13 O14 O15 O16 O17 O18 O19 O20 O21 O22 O23 O24 O25 O26 O27 O28 O29 O30 O31 O32 O33 O34 O35 O36 O37 O38 O39 O40 O41 O42 O43 O44 O45 O46 O47 O48 O49 O50 O51 O52 O53 O54 O55 O56 O57 O58 O59 O60 O61 O62 O63 O64 O65 O66 O67 O68 O69 O70 O71 O72 O73 O74 O75 O76 O77 O78 O79 O80 O81 O82 O83 O84 O85 O86 O87 O88 O89 O90 O91 O92 O93 O94 O95 O96 O97 O98 O99 P00 P01 P02 P03 P04 P05 P06 P07 P08 P09 P10 P11 P12 P13 P14 P15 P16 P17 P18 P19 P20 P21 P22 P23 P24 P25 P26 P27 P28 P29 P30 P31 P32 P33 P34 P35 P36 P37 P38 P39 P40 P41 P42 P43 P44 P45 P46 P47 P48 P49 P50 P51 P52 P53 P54 P55 P56 P57 P58 P59 P60 P61 P62 P63 P64 P65 P66 P67 P68 P69 P70 P71 P72 P73 P74 P75 P76 P77 P78 P79 P80 P81 P82 P83 P84 P85 P86 P87 P88 P89 P90 P91 P92 P93 P94 P95 P96 P97 P98 P99 Q00 Q01 Q02 Q03 Q04 Q05 Q06 Q07 Q08 Q09 Q10 Q11 Q12 Q13 Q14 Q15 Q16 Q17 Q18 Q19 Q20 Q21 Q22 Q23 Q24 Q25 Q26 Q27 Q28 Q29 Q30 Q31 Q32 Q33 Q34 Q35 Q36 Q37 Q38 Q39 Q40 Q41 Q42 Q43 Q44 Q45 Q46 Q47 Q48 Q49 Q50 Q51 Q52 Q53 Q54 Q55 Q56 Q57 Q58 Q59 Q60 Q61 Q62 Q63 Q64 Q65 Q66 Q67 Q68 Q69 Q70 Q71 Q72 Q73 Q74 Q75 Q76 Q77 Q78 Q79 Q80 Q81 Q82 Q83 Q84 Q85 Q86 Q87 Q88 Q89 Q90 Q91 Q92 Q93 Q94 Q95 Q96 Q97 Q98 Q99 R00 R01 R02 R03 R04 R05 R06 R07 R08 R09 R10 R11 R12 R13 R14 R15 R16 R17 R18 R19 R20 R21 R22 R23 R24 R25 R26 R27 R28 R29 R30 R31 R32 R33 R34 R35 R36 R37 R38 R39 R40 R41 R42 R43 R44 R45 R46 R47 R48 R49 R50 R51 R52 R53 R54 R55 R56 R57 R58 R59 R60 R61 R62 R63 R64 R65 R66 R67 R68 R69 R70 R71 R72 R73 R74 R75 R76 R77 R78 R79 R80 R81 R82 R83 R84 R85 R86 R87 R88 R89 R90 R91 R92 R93 R94 R95 R96 R97 R98 R99 S00 S01 S02 S03 S04 S05 S06 S07 S08 S09 S10 S11 S12 S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S29 S30 S31 S32 S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S43 S44 S45 S46 S47 S48 S49 S50 S51 S52 S53 S54 S55 S56 S57 S58 S59 S60 S61 S62 S63 S64 S65 S66 S67 S68 S69 S70 S71 S72 S73 S74 S75 S76 S77 S78 S79 S80 S81 S82 S83 S84 S85 S86 S87 S88 S89 S90 S91 S92 S93 S94 S95 S96 S97 S98 S99 T00 T01 T02 T03 T04 T05 T06 T07 T08 T09 T10 T11 T12 T13 T14 T15 T16 T17 T18 T19 T20 T21 T22 T23 T24 T25 T26 T27 T28 T29 T30 T31 T32 T33 T34 T35 T36 T37 T38 T39 T40 T41 T42 T43 T44 T45 T46 T47 T48 T49 T50 T51 T52 T53 T54 T55 T56 T57 T58 T59 T60 T61 T62 T63 T64 T65 T66 T67 T68 T69 T70 T71 T72 T73 T74 T75 T76 T77 T78 T79 T80 T81 T82 T83 T84 T85 T86 T87 T88 T89 T90 T91 T92 T93 T94 T95 T96 T97 T98 T99 U00 U01 U02 U03 U04 U05 U06 U07 U08 U09 U10 U11 U12 U13 U14 U15 U16 U17 U18 U19 U20 U21 U22 U23 U24 U25 U26 U27 U28 U29 U30 U31 U32 U33 U34 U35 U36 U37 U38 U39 U40 U41 U42 U43 U44 U45 U46 U47 U48 U49 U50 U51 U52 U53 U54 U55 U56 U57 U58 U59 U60 U61 U62 U63 U64 U65 U66 U67 U68 U69 U70 U71 U72 U73 U74 U75 U76 U77 U78 U79 U80 U81 U82 U83 U84 U85 U86 U87 U88 U89 U90 U91 U92 U93 U94 U95 U96 U97 U98 U99 V00 V01 V02 V03 V04 V05 V06 V07 V08 V09 V10 V11 V12 V13 V14 V15 V16 V17 V18 V19 V20 V21 V22 V23 V24 V25 V26 V27 V28 V29 V30 V31 V32 V33 V34 V35 V36 V37 V38 V39 V40 V41 V42 V43 V44 V45 V46 V47 V48 V49 V50 V51 V52 V53 V54 V55 V56 V57 V58 V59 V60 V61 V62 V63 V64 V65 V66 V67 V68 V69 V70 V71 V72 V73 V74 V75 V76 V77 V78 V79 V80 V81 V82 V83 V84 V85 V86 V87 V88 V89 V90 V91 V92 V93 V94 V95 V96 V97 V98 V99 W00 W01 W02 W03 W04 W05 W06 W07 W08 W09 W10 W11 W12 W13 W14 W15 W16 W17 W18 W19 W20 W21 W22 W23 W24 W25 W26 W27 W28 W29 W30 W31 W32 W33 W34 W35 W36 W37 W38 W39 W40 W41 W42 W43 W44 W45 W46 W47 W48 W49 W50 W51 W52 W53 W54 W55 W56 W57 W58 W59 W60 W61 W62 W63 W64 W65 W66 W67 W68 W69 W70 W71 W72 W73 W74 W75 W76 W77 W78 W79 W80 W81 W82 W83 W84 W85 W86 W87 W88 W89 W90 W91 W92 W93 W94 W95 W96 W97 W98 W99 X00 X01 X02 X03 X04 X05 X06 X07 X08 X09 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22 X23 X24 X25 X26 X27 X28 X29 X30 X31 X32 X33 X34 X35 X36 X37 X38 X39 X40 X41 X42 X43 X44 X45 X46 X47 X48 X49 X50 X51 X52 X53 X54 X55 X56 X57 X58 X59 X60 X61 X62 X63 X64 X65 X66 X67 X68 X69 X70 X71 X72 X73 X74 X75 X76 X77 X78 X79 X80 X81 X82 X83 X84 X85 X86 X87 X88 X89 X90 X91 X92 X93 X94 X95 X96 X97 X98 X99 Y00 Y01 Y02 Y03 Y04 Y05 Y06 Y07 Y08 Y09 Y10 Y11 Y12 Y13 Y14 Y15 Y16 Y17 Y18 Y19 Y20 Y21 Y22 Y23 Y24 Y25 Y26 Y27 Y28 Y29 Y30 Y31 Y32 Y33 Y34 Y35 Y36 Y37 Y38 Y39 Y40 Y41 Y42 Y43 Y44 Y45 Y46 Y47 Y48 Y49 Y50 Y51 Y52 Y53 Y54 Y55 Y56 Y57 Y58 Y59 Y60 Y61 Y62 Y63 Y64 Y65 Y66 Y67 Y68 Y69 Y70 Y71 Y72 Y73 Y74 Y75 Y76 Y77 Y78 Y79 Y80 Y81 Y82 Y83 Y84 Y85 Y86 Y87 Y88 Y89 Y90 Y91 Y92 Y93 Y94 Y95 Y96 Y97 Y98 Y99 Z00 Z01 Z02 Z03 Z04 Z05 Z06 Z07 Z08 Z09 Z10 Z11 Z12 Z13 Z14 Z15 Z16 Z17 Z18 Z19 Z20 Z21 Z22 Z23 Z24 Z25 Z26 Z27 Z28 Z29 Z30 Z31 Z32 Z33 Z34 Z35 Z36 Z37 Z38 Z39 Z40 Z41 Z42 Z43 Z44 Z45 Z46 Z47 Z48 Z49 Z50 Z51 Z52 Z53 Z54 Z55 Z56 Z57 Z58 Z59 Z60 Z61 Z62 Z63 Z64 Z65 Z66 Z67 Z68 Z69 Z70 Z71 Z72 Z73 Z74 Z75 Z76 Z77 Z78 Z79 Z80 Z81 Z82 Z83 Z84 Z85 Z86 Z87 Z88 Z89 Z90 Z91 Z92 Z93 Z94 Z95 Z96 Z97 Z98 Z99 </p> <p>BC/CC 04Y</p>	No																	

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████████

Photo #	Description / Photo	Damage (Yes/No)
5	IP Cluster / Odometer 	No
6	Front (Exterior) 	Yes

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
7	Passenger's Side (Exterior) 	No
8	Rear (Exterior) 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C██████████

Photo #	Description / Photo	Damage (Yes/No)
9	Driver's Side (Exterior) 	Yes
10	Under Hood 	Yes

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
11	Driver's Side (Interior) 	No
12	Passenger's Side (Interior) 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
13	Rear (Interior) 	No
14	Trunk/Hatch/Cargo Area 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
15	Underbody 	No
16	Side View of Steering Column 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
17	Passenger Presence System Operation Off 	No
18	Passenger Presence System Operation On 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████████

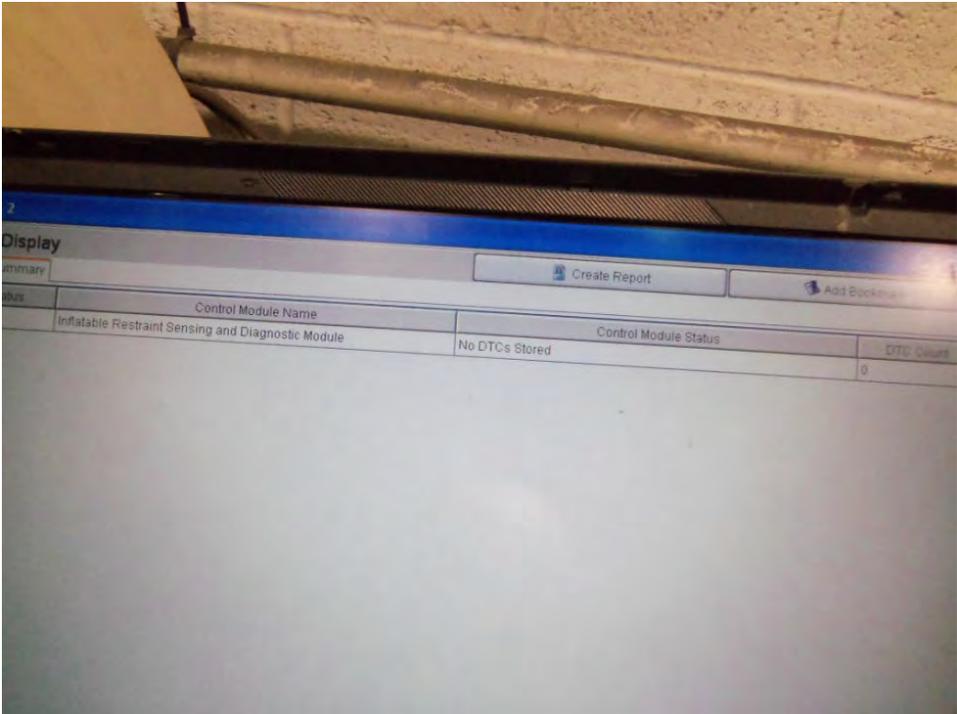
Photo #	Description / Photo	Damage (Yes/No)
19	<p>SDM Location</p> 	No
20	<p>SDM No Codes Present</p> 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████████

Photo #	Description / Photo	Damage (Yes/No)
21	Driver's Front Door Hinges 	No
22	Passenger Front Door Hinges 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
23	Point of Impact 	Yes
24	Point of Impact Measurement to Upper Radiator Support 	Yes

Phot		[REDACTED]	
[REDACTED]	[REDACTED]	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7 [REDACTED]

Photo #	Description / Photo	Damage (Yes/No)
25	Point of Impact To Hood Location 	Yes
26	Driver's Hood Hinge 	Yes

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
27	Passenger Hood Hinge 	Yes
28	Overlap of Driver's Fender to Hood 	Yes

Phot		[REDACTED]	
[REDACTED]	[REDACTED]	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7 [REDACTED]

Photo #	Description / Photo	Damage (Yes/No)
29	Overlap of Passenger Fender to Hood 	Yes
30	Damage to Hood 	Yes

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████████

Photo #	Description / Photo	Damage (Yes/No)
31	Damage to Hood and Front Bumper 	Yes
32	Damage to Hood and Driver's Headlamp 	Yes

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████████

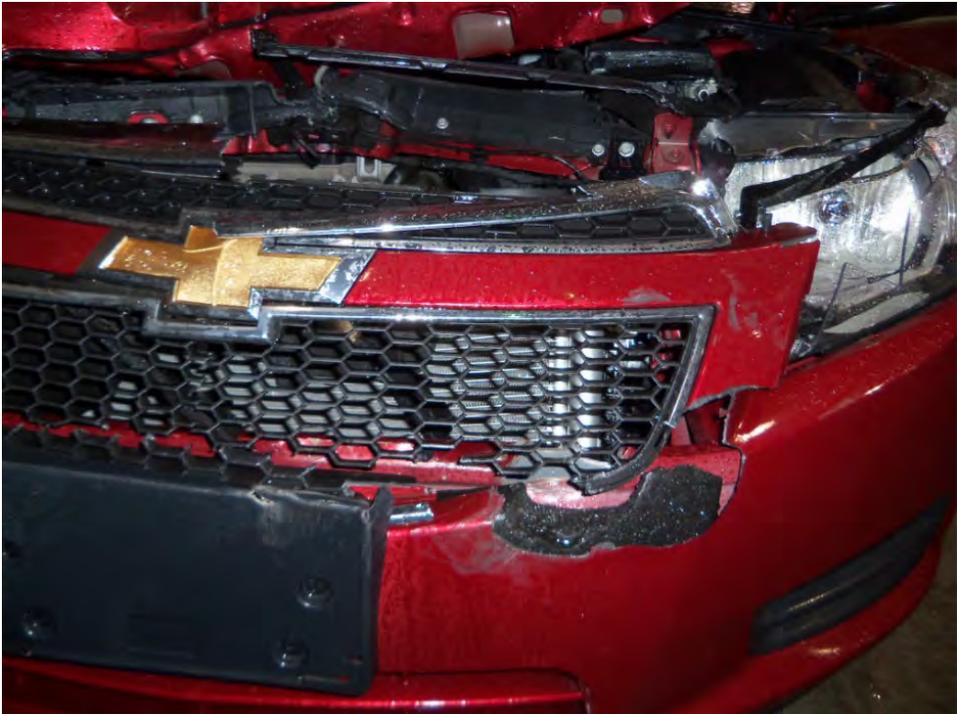
Photo #	Description / Photo	Damage (Yes/No)
33	<p>Gap from Passenger Side of Hood</p> 	Yes
34	<p>Damage to Grille Driver's Side</p> 	Yes

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
35	Damage to A/C Condenser 	Yes
36	Piece Missing from Front Bumper Reinforcement 	Yes

Phot		[REDACTED]	
[REDACTED]	[REDACTED]	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7 [REDACTED]

Photo #	Description / Photo	Damage (Yes/No)
37	<p>Piece Missing from Front Bumper Reinforcement</p> 	Yes
38	<p>Front Bumper Reinforcement</p> 	Yes

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████████

Photo #	Description / Photo	Damage (Yes/No)
39	Damage to Driver's Front Headlamp 	Yes
40	Front Bumper Cover Alignment to Passenger Fender 	Yes

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
41	Driver's Fender Rubbing on Front Door 	Yes
42	Scrapes on Front Bumper on Passenger Side 	Yes

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████████

Photo #	Description / Photo	Damage (Yes/No)
43	<p>Scratched on Underside of Front Bumper</p> 	Yes
44	<p>Driver's Wheel Base Measurement</p> 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
45	Driver's Wheel Base Measurement 	No
46	Driver's Front Overhang Measurement 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████████

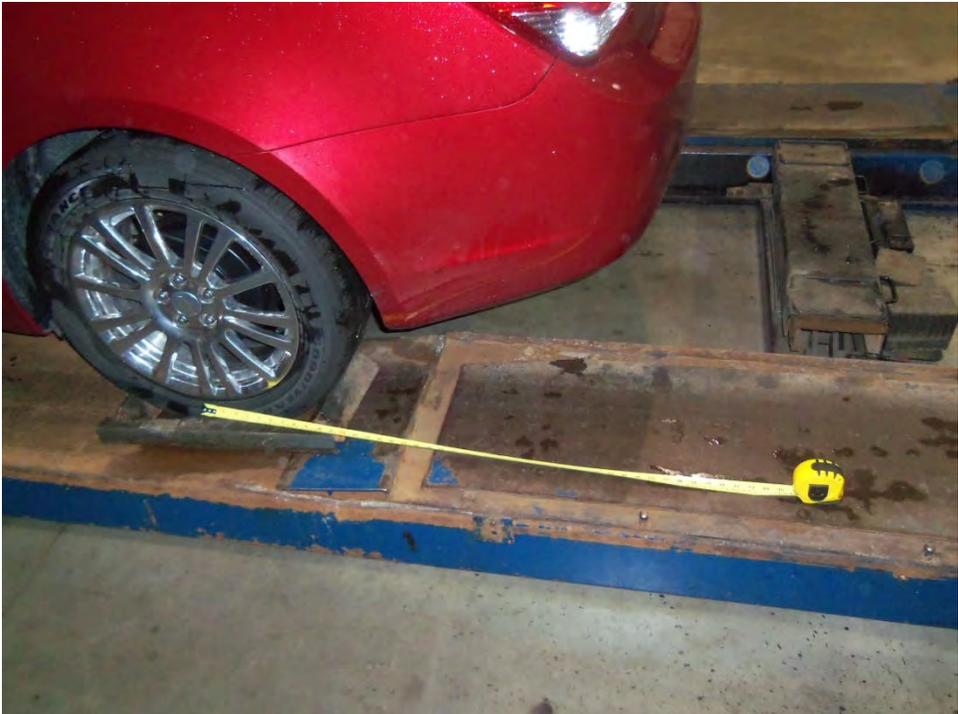
Photo #	Description / Photo	Damage (Yes/No)
47	Driver's Front Overhang Measurement 	No
48	Driver's Rear Overhang Measurement 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████

Photo #	Description / Photo	Damage (Yes/No)
49	<p>Driver's Rear Overhang Measurement</p> 	No
50	<p>Passenger Wheel Base Measurement</p> 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████████

Photo #	Description / Photo	Damage (Yes/No)
51	<p data-bbox="215 317 621 342">Passenger Wheel Base Measurement</p> 	No
52	<p data-bbox="215 1167 659 1192">Passenger Front Overhang Measurement</p> 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████████

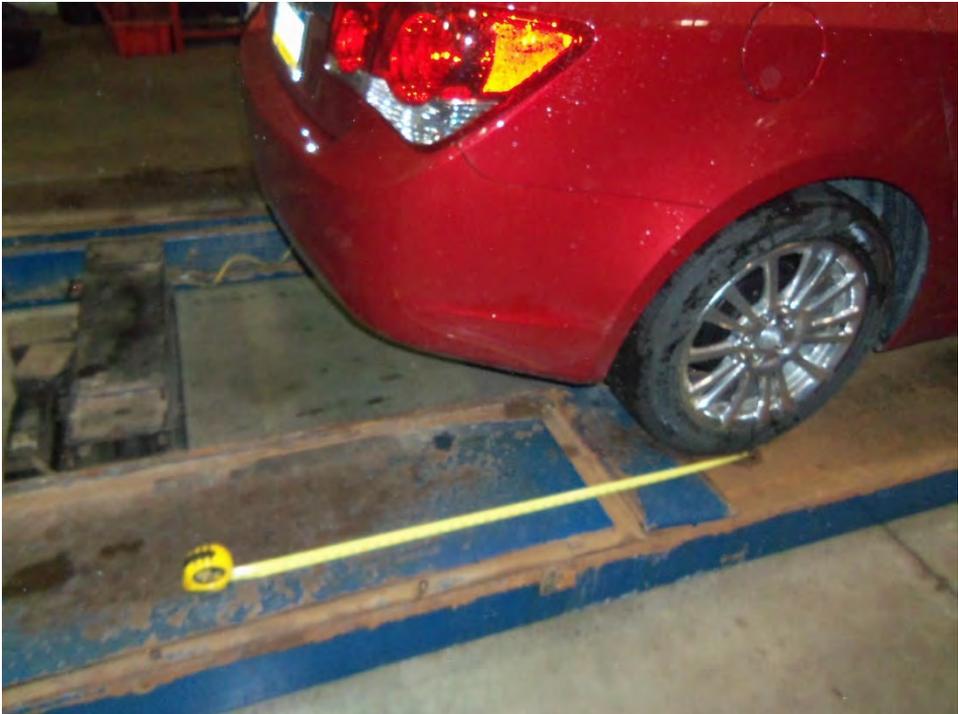
Photo #	Description / Photo	Damage (Yes/No)
53	Passenger Front Overhang Measurement 	No
54	Passenger Rear Overhang Measurement 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C██████████

Photo #	Description / Photo	Damage (Yes/No)
55	<p>Passenger Rear Overhang Measurement</p> 	No
56	<p>Site of Accident</p> 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's Last Name:	██████████	Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7██████████

Photo #	Description / Photo	Damage (Yes/No)
57	<p>Site of Accident</p> 	No
58	<p>Site of Accident</p> 	No

Jose Garcia/Austin/GM1
12/18/2012 01:00 PM

To jerry.w.bryant@gm.com
cc
bcc
Subject 71-1137096890 PAR Case Sent to ESIS No Action Required

A product allegation claim has been made in your region. The customer is alleging non-deployment of airbags during collision. This case is being escalated to ESIS because of injuries.



*2012 Chevrolet Cruze
1G1PJ5SC7C7 [REDACTED]
No involved dealer*

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

Best wishes,
Joe Garcia | CRS

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Phone 866-790-5600 x11291 | Fax 866-270-0217 | www.minacs.adityabirla.com

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William Duffy/Austin/GM1
12/31/2012 10:39 AM

To james.cocking@gm.com
cc
bcc
Subject 71-1139932231 PAR Case Sent to ESIS No Action Required

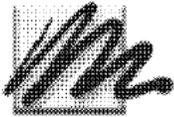
A product allegation claim has been made in your region. The customer is alleging non-deployment of airbags during a collision. This case is being escalated to ESIS because the customer was injured and sought medical attention.


2012 Chevrolet Cruze
1G1PC5SH9C7 
Mike Anderson Chevrolet Of Chicago, L.L.C., Chicago, IL (255769)
Mike Collins, svc. manager

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

Best wishes,
William Duffy | Product Allegation Specialist

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rita.sanchez/Austin/GM1
01/28/2013 11:59 AM

To robert.kozlowski@gm.com
cc
bcc
Subject 711148730323 PAC Case Sent to ESIS No Action
Required

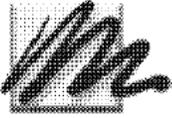
A product allegation claim has been made in your region. The customer is alleging non deployment. This case is being escalated to ESIS because injury.

Customer Last Name [REDACTED]
2012 Chevrolet Cruze
VIN 1G1PC5SH0C7 [REDACTED]
PREMIER CHEVROLET BUICK GMC
Ralph Ivy - service advisor

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

Best wishes,
Rita Sanchez | CRS

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rita sanchez/Austin/GM1

02/07/2013 02:17 PM

To tom.scozzafava@gm.com

cc

bcc

Subject 711152457848 PAC Case Sent to ESIS No Action Required

A product allegation claim has been made in your region. The customer is alleging *non deployment* . This case is being escalated to ESIS because injury.

Customer Last Name [REDACTED]
2012 Chevrolet Cruze
VIN 1G1PF5SC3C7 [REDACTED]
Ki-Po Motors Chevrolet, Inc.
Mark Oliphant service manager

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

Best wishes,
Rita Sanchez | CRS

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Phone 866-790-5700 ext. 41345 | 866-857-3113 | www.minacs.adityabirla.com

William Duffy/Austin/GM1

02/08/2013 02:05 PM

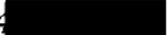
To rich.volpe@gm.com

cc

bcc

Subject 71-1152665815 PAC Case Sent to ESIS No Action Required

A product allegation claim has been made in your region. The customer is alleging non-deployment and brake failure resulted in a collision. This case is being escalated to ESIS because the customer was injured and sought medical treatment.


2012 Chevrolet Sonic
1G1JC5SH2C4 
No currently involved dealer

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

Best wishes,
William Duffy | Product Allegation Specialist

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William Duffy/Austin/GM1

02/13/2013 03:51 PM

To charnez.brown@gm.com

cc

bcc

Subject 71-1152940110 PAC Case Sent to ESIS No Action Required

A product allegation claim has been made in your region. The customer is alleging non-deployment of airbags during a collision. This case is being escalated to ESIS because the customer was injured and sought medical attention.

[REDACTED]

2012 Chevrolet Cruze

1G1PC5SH3C7 [REDACTED]

Bruce Lowrie Chevrolet, Inc. Fort Worth, TX (112219)

Zach Perry, svc. manager

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

Best wishes,
William Duffy | Product Allegation Specialist

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William Duffy/Austin/GM1

02/21/2013 09:27 AM

To rich.volpe@gm.com

cc

bcc

Subject 71-1155657756 PAC Case Handled within BRC No Action
Required

A product allegation claim has been made in your district. The customer is alleging non-deployment of airbags during a collision.

[REDACTED]

2012 Chevrolet Sonic

1G1JA5SH5C4 [REDACTED]

There is no currently involved dealer

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

Best wishes,
William Duffy | Product Allegation Specialist

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Lynda Eichorst/Austin/GM1

03/01/2013 02:15 PM

To earl.e.schafer@gm.com

cc

bcc

Subject 71-1159904484 PAR Case Sent to ESIS. No Action
Required

A product allegation claim has been made in your region. The customer is alleging the airbags did not deploy during a collision. This case is being escalated to ESIS because of injuries.

██████████
2012 Chevrolet Camaro

2G1FC3D34C9██████████

No dealer involvement

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

If you have further questions, please contact Customer Relationship Specialist Lynda at 866-790-5600 ext 31093, Fax 866-393-8086. You may also contact the Business Resource Center at 800-231-1841, Monday through Friday between 8:00 am and 5:00 pm, Eastern Time. Please refer to the service request number above.

Sincerely,

Lynda Eichorst

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September 18, 2013

[REDACTED]
New Milford, CT [REDACTED]

RE: Service Request: 71-1160517173
2012 Chevrolet Sonic
Vehicle Identification Number: 1G1JC5SH5C4 [REDACTED]
Customer Relationship Specialist: Rita

Dear Mr. [REDACTED]:

Thank you for taking the time to contact General Motors regarding your vehicle. I am aware of the concern you are having with your 2012 Chevrolet Sonic; however, I have been unsuccessful in my attempts to reach you. At your earliest convenience, please contact the General Motors Product Allegation Resolution Assistance Center at 1-800-231-1841 Monday through Friday between 8:00 a.m. and 5:00 p.m., Eastern Time and ask for Rita.

Thank you for giving General Motors this opportunity to be of assistance. We hope to earn your trust and respect with every contact you have with General Motors Product Allegation Resolution Department.

Sincerely,

General Motors

cc: FILE

PA0011
V10202009

September 18, 2013

[REDACTED]
New Milford, CT [REDACTED]

RE: Service Request: 71-1160517173
2012 Sonic
Vehicle Identification Number: 1G1JC5SH5C4 [REDACTED]
Customer Relationship Specialist: Tonie

Dear Mr. [REDACTED]:

Thank you for taking the time to contact General Motors regarding your vehicle. I am aware of the concern you are having with your 2012 Sonic; however, I have been unsuccessful in my attempts to reach you. At your earliest convenience, please contact the General Motors Product Allegation Resolution Assistance Center at 1-800-231-1841 Monday through Friday between 8:00 a.m. and 5:00 p.m., Eastern Time and ask for Tonie.

Thank you for giving General Motors this opportunity to be of assistance. We hope to earn your trust and respect with every contact you have with General Motors Product Allegation Resolution Department.

Sincerely,

General Motors

cc: FILE

PA0011
V10202009



Al Difalco
<Al.Difalco@raytheon.com>

03/20/2013 08:51 AM

To rita_sanchez@gmexpert.com

cc William L Genovese <William.L.Genovese@raytheon.com>

bcc

Subject 71-1160517173

Hi Rita. We need some help with this one.

Bill Genovese I contacted the customer on the 15th to request an interview. The customer stated that his car was at a body shop and wouldn't be ready till the end of the week at best. He also said he would call Bill on the 16th at 2:00pm to conduct the interview. He never called. Bill called him several times including twice on the 19th, but he has not returned Bill's calls.

Would you contact this customer and get a feel of his timeline, or if he is still interested in having the inspection done?

Thanks. take care.

Al DiFalco
Project Lead
Raytheon Professional Services
1919 Technology Drive
Troy, MI 48083-4245
Work: 248-837-6584
Cell: 248-688-7170
al.difalco@raytheon.com

ATT: RITA SANCHEZ

CUSTOMER #: 81680

117295

Ingersoll Auto of Danbury



84 Federal Road - Danbury, CT 06810

PH: (203) 730-5766

www.ingersollauto.com

MONROE, CT

PAGE 1

HOME:

BUS: CELL: SERVICE ADVISOR: 12 KEVIN GALANTE

COLOR	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN / OUT	TAG	
WHITE	12	CHEVROLET SONIC	1G1JC5SH5C4		15969/15969	T312	
DEL DATE	PROD DATE	WARR EXP	PROMISED	PO NO	RATE	PAYMENT	INV DATE
01JAN12 IS							
01JAN12 DD			19:00 11APR13		VAR	CASH	15APR13
R.O. OPENED	READY	OPTIONS: DLR:14014B ENG:1.8 Liter MFI DOHC					
08:59 11APR13	14:59 15APR13						

LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL
A							

A CUST STATES WAS IN ACCIDENT AIRBAGS DID NOT DEPLOY GM INVESTIGATOR TO COME MR. BILL GENOVESE (248)687-4328 AND INSPECT VEHICLE.

CAUSE: E

Z1243 CLAIM TO WORK WITH GM ENGINEER
10117 WBG

(N/C)

FC: PART#: E COUNT:

CLAIM TYPE:

AUTH CODE:

PARTS: 0.00 LABOR: 0.00 OTHER: 0.00 TOTAL LINE A: 0.00

15969 GM INVESTIGATION

PERFORM FULL SYSTEM SCAN WITH GDS2. NO CODES STORED - PRINT/SAVE RESULTS. PUT VEHICLE ON LIFT FOR INSPECTOR TO PHOTOGRAPH. CHECK FOR WATER INSIDE VEHICLE UNDER FRONT FLOOR MATS-BOTH SIDES DRY.

P.A.C. CASE #71-1160517173 (INVESTIGATOR-WILLIAM GENOVESE). LABOR TIME (.9 @ 107.12/HR) IS \$96.41 LABOR OP #Z1243 (RITA SANCHEZ 04/15/13 11:06 AM).

DEALERSHIP FAX # (203)730-5778 EMAIL ADDRESS (kevin.galante@ingersollauto.com)

FAX INFO TO (866)857-3113.

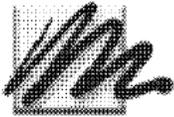
GM INVESTIGATOR HERE 4/11/13.
LEFT VM FOR RITA SANCHEZ ON
4/11/13 (4:01 PM) FOR LABOR
OP.

DISCLAIMER OF WARRANTIES

The seller, hereby expressly disclaims all warranties, either expressed or implied, including any implied warranty of merchantability or fitness for a particular purpose, and neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of said products.

X _____
CUSTOMER SIGNATURE

DESCRIPTION	TOTALS
LABOR AMOUNT	0.00
PARTS AMOUNT	0.00
GAS, OIL, LUBE	0.00
SUBLET AMOUNT	0.00
MISC. CHARGES	0.00
TOTAL CHARGES	0.00
LESS INSURANCE	0.00
SALES TAX	0.00
PLEASE PAY THIS AMOUNT	0.00



Thaddeus
Kinzer/Austin/GM1
04/19/2013 02:19 PM

To kevin.galante@ingersollauto.com
cc rita.sanchez/Austin/GM1@GM1
bcc
Subject 71-1160517173 Bowers Z1243 Pre Authorization ID for
payment

Upon receipt of this pre-authorization for the above listed claim for payment, please verify that the information listed below is correct. Please make sure that it is the correct customer, VIN, mileage, BAC, Job Card#, Job Card close date and dollar amount. If everything is correct please enter this claim in the GW system as followings: labor 0.9 hours @ \$107.12/hr = labor total \$96.41 - labor op Z1243. The pre-authorization # is listed below. **If this claim rejects, please contact Rita Sanchez at 866-790-5700 x41345**

Servicing Dealer BAC 259688
Dealer Contact Kevin Galante
Dealer Email kevin.galante@ingersollauto.com
Dealer Fax 203-730-5778
Job Card number 117295
Job Card Date 4/15/13
VIN 1G1JC5SH5C4 [REDACTED]
Odometer 15969
Labor Op Z1243
Labor Time (hrs) estimate 0.9
Dealer's mechanical warranty rate per hour 107.12
Total labor estimate 96.41
Claim total 96.41

Customer Complaint Category: 09
Complaint Code: 0090
Description: No customer complaint - Other Issues
Cause Code: 9090
Description: Other - Field Action
Correction Description: Inspection Only

Pre Authorization ID: 190336800000

Approved/Rejected: Approved
Date Entered: 04/19/13
Entered By: Thaddeus

PAR CRS: Rita Sanchez

Sincerely,

General Motors

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	1G1JC5SH5C4 [REDACTED]
User	[REDACTED]
Case Number	71-1160517173
EDR Data Imaging Date	04/11/2013
Crash Date	03/03/2013
Filename	1G1JC5SH5C4 [REDACTED].ACM.CDRX
Saved on	Thursday, April 11 2013 at 11:03:50
Collected with CDR version	Crash Data Retrieval Tool 10.1
Reported with CDR version	Crash Data Retrieval Tool 10.1
EDR Device Type	Airbag Control Module
Event(s) recovered	Non-Deployment

Comments

Airbag warning lamp is off.
DLC port used for interrogation.
No SIR components are deployed.
Automatic passenger presence system is active.
15,969 miles
Inspection performed at Ingersoll Auto of Danbury. a.k.a. BG of Danbury, L.L.C. 84 Federal Road. Danbury, Connecticut 06810-6229
NOTE: Vehicle was repaired prior to inspection.

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 Events, the SDM will record 220 milliseconds of data after the Deployment criteria is met and up to 70 milliseconds before the Deployment criteria is met. For Non-Deployment Events, the SDM will record the first 300 milliseconds of data after algorithm enable.

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 750 milliseconds of data before a calibrated angle threshold is reached. For Deployment Events, the SDM will record up to 490 milliseconds of data before the Deployment criteria is met and 250 milliseconds after the Deployment criteria is met.

-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 CDR tool displays time from Algorithm Enable (AE) to time of Deployment command in a Deployment event and AE

- to time of maximum SDM recorded vehicle velocity change in a Non-Deployment event. Time from AE begins when the first air bag system enable threshold is met and ends when Deployment command criteria is met or at maximum SDM recorded vehicle velocity change. Any air bag systems may be a source of an enable.
- Time From Algorithm Enable to Maximum SDM Recorded Vehicle Velocity Change is captured when the largest, absolute value of either the Longitudinal or Lateral Recorded Vehicle Velocity Change occurs. The Maximum may occur between the recorded 10 millisecond sample points.
- 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.
- 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.
- Algorithm Enable Counter tracks the number of times the sensing algorithm enabled (either Deployments, Non-deploy, or Rollover events) during the SDM's lifetime.
- The Algorithm Enable 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 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 to the SDM, by 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.

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

01039_SDM10-conti_r012

Event Data (General)

Ignition Cycles At Investigation	1777
ESS # 1 Traceability Data	AU4262TQ9140WQGM
ESS # 2 Traceability Data	AT4262TQ90TTWQGM
ESS # 3 Traceability Data	AH2340T98CPQ1AGL
ESS # 4 Traceability Data	AJ2340T982BF1AGL
ESS # 5 Traceability Data	DA2341T6SK021AGN
ESS # 6 Traceability Data	DB2341TMEMRI12GN
ESS # 7 Traceability Data	000000T000000000
ESS # 8 Traceability Data	000000T000000000
Dynamic Deployment Event Counter	0
Dynamic Algorithm Enable Counter	1
Dynamic OnStar Notification Event Counter	1
Vehicle Identification Number	1G1JC5SH5C4184675
System Type	Continental Temic
Manufacturing Traceability Data	AS2719T120860180
Software Module Identifier 1	015DC5DA
Software Module Identifier 2	05B79477
Software Module Identifier 3	00CE01A1
End Model Part Number	015DC5DF

Event Data (Event Record 1)

Event Recording Complete	Yes
Event Record Type	Non-Deployment
Crash Record Locked	Yes
Data Recording Complete - Deployment Status Data	Yes
Data Recording Complete - SDM Recorded Vehicle Velocity Change Data	Yes
Deployment Event Counter	0
Algorithm Enable Counter	1
OnStar Notification Event Counter	1
Algorithm Active: Rear	Yes
Algorithm Active: Rollover	Yes
Algorithm Active: Side	Yes
Algorithm Active: Frontal	Yes
Ignition Cycles At Event	1563
Time Between Events (sec)	Data Not Available
Concurrent Event Flag Set	No
Event Severity Status: Rollover	No
Event Severity Status: Rear	No
Event Severity Status: Right Side	No
Event Severity Status: Left Side	No
Event Severity Status: Frontal Stage 2	No
Event Severity Status: Frontal Stage 1	No
Event Severity Status: Frontal Pretensioner	No
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	No
Passenger Pretensioner Deployment Loop #1 Commanded	No
Driver Pretensioner Deployment Loop #2 Commanded	No
Passenger Pretensioner Deployment Loop #2 Commanded	No
Driver Thorax Loop Commanded (If Equipped)	No
Passenger Thorax Loop Commanded (If Equipped)	No
Driver Row 2 Thorax Loop Commanded (If Equipped)	No
Passenger 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
Driver Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Passenger Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Driver Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Passenger 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
Driver Row 2 Pretensioner Deployment Loop Commanded	No
Passenger 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
Driver Row 2 Head Rest Loop Commanded (If Equipped)	No
Passenger 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
Driver Belt Switch Circuit Status	Buckled
Passenger Belt Switch Circuit Status	Buckled
Passenger Seat Occupancy Status	Occupied
Passenger Classification Status	Small Adult
Passenger Air Bag ON Indicator Status	On
Passenger Air Bag OFF Indicator Status	Off
Low Tire Pressure Warning Lamp	Off
SIR Warning Lamp Status	Off
SIR Warning Lamp ON/OFF Time Continuously (seconds)	655330

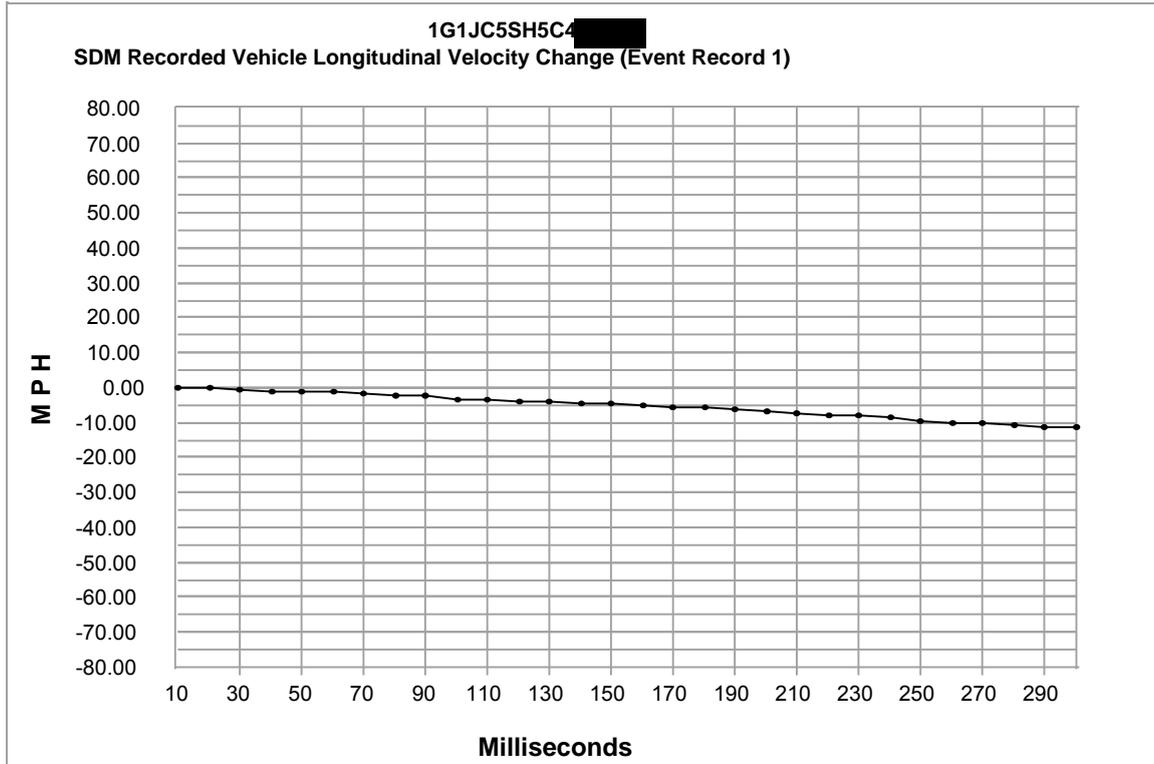
Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	0
Ignition Cycles Since DTCs Were Last Cleared at Event Enable	27
Diagnostic Trouble Codes at Event:	N/A
Fault type	N/A
Diagnostic Trouble Codes at Event:	N/A
Fault type	N/A
Diagnostic Trouble Codes at Event:	N/A
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Diagnostic Trouble Codes at Event:	N/A
Fault type	N/A
Diagnostic Trouble Codes at Event:	N/A
Fault type	N/A
Time From Algorithm Enable to Maximum SDM Recorded Vehicle Velocity Change (msec)	370
Longitudinal SDM Recorded Vehicle Velocity Change at time of Maximum SDM Recorded Vehicle Velocity Change MPH [km/h]	-13 [-21]
Lateral SDM Recorded Vehicle Velocity Change at time of Maximum SDM Recorded Vehicle Velocity Change MPH [km/h]	-9 [-14]
Driver 1st Stage Time From Algorithm Enable to Deployment Command Criteria Met (msec)	Data Not Available
Driver 2nd Stage Time From Algorithm Enable to Deployment Command Criteria Met (msec)	Data Not Available
Passenger 1st Stage Time From Algorithm Enable to Deployment Command Criteria Met (msec)	Data Not Available
Passenger 2nd Stage Time From Algorithm Enable to Deployment Command Criteria Met (msec)	Data Not Available
Driver Thorax/Curtain Time From Algorithm Enable to Deployment Command Criteria Met (msec)	Data Not Available
Passenger Thorax/Curtain Time From Algorithm Enable to Deployment Command Criteria Met (msec)	Data Not Available
Driver Pretensioner Time From Algorithm Enable to Deployment Loop #1 or Loop #2 Command Criteria Met (msec)	Data Not Available
Passenger Pretensioner Time From Algorithm Enable to Deployment Loop #1 or Loop #2 Command Criteria Met (msec)	Data Not Available

Pre-Crash Data -1 to -.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
-1.0	No	No	No	15 [20]	Off
-0.5	No	No	No	41 [55]	Off

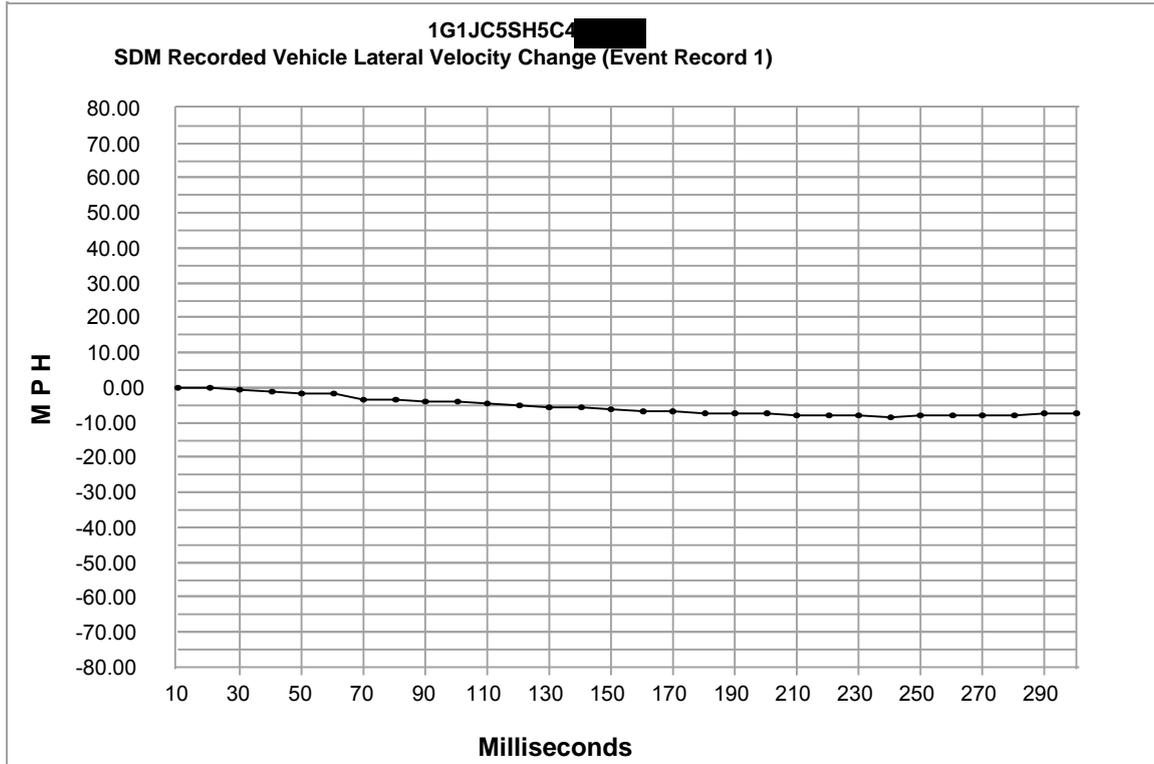
Pre-Crash Data -2.5 to -.5 sec (Event Record 1)

Times (sec)	Accelerator Pedal Position (percent)	Brake Switch Circuit State	Engine Speed	Throttle Position (%)	Vehicle Speed (MPH [km/h])
-2.5	0	On	1536	5	34 [55]
-2.0	0	On	1280	6	29 [47]
-1.5	0	Off	1216	8	27 [44]
-1.0	27	Off	1920	27	25 [41]
-0.5	0	Off	1728	17	24 [39]



Time (msec)	Delta-V, longitudinal (MPH)	Delta-V, longitudinal (km/h)
10	0.0	0.0
20	0.0	0.0
30	-0.6	-1.0
40	-1.2	-2.0
50	-1.2	-2.0
60	-1.2	-2.0
70	-1.9	-3.0
80	-2.5	-4.0
90	-2.5	-4.0
100	-3.1	-5.0
110	-3.1	-5.0
120	-3.7	-6.0
130	-3.7	-6.0
140	-4.3	-7.0
150	-4.3	-7.0
160	-5.0	-8.0
170	-5.6	-9.0
180	-5.6	-9.0
190	-6.2	-10.0
200	-6.8	-11.0
210	-7.5	-12.0

Time (msec)	Delta-V, longitudinal (MPH)	Delta-V, longitudinal (km/h)
220	-8.1	-13.0
230	-8.1	-13.0
240	-8.7	-14.0
250	-9.3	-15.0
260	-9.9	-16.0
270	-9.9	-16.0
280	-10.6	-17.0
290	-11.2	-18.0
300	-11.2	-18.0



Time (msec)	Delta-V, lateral (MPH)	Delta-V, lateral (km/h)
10	0.0	0.0
20	0.0	0.0
30	-0.6	-1.0
40	-1.2	-2.0
50	-1.9	-3.0
60	-1.9	-3.0
70	-3.1	-5.0
80	-3.1	-5.0
90	-3.7	-6.0
100	-3.7	-6.0
110	-4.3	-7.0
120	-5.0	-8.0
130	-5.6	-9.0
140	-5.6	-9.0
150	-6.2	-10.0
160	-6.8	-11.0
170	-6.8	-11.0
180	-7.5	-12.0
190	-7.5	-12.0
200	-7.5	-12.0
210	-8.1	-13.0

Time (msec)	Delta-V, lateral (MPH)	Delta-V, lateral (km/h)
220	-8.1	-13.0
230	-8.1	-13.0
240	-8.7	-14.0
250	-8.1	-13.0
260	-8.1	-13.0
270	-8.1	-13.0
280	-8.1	-13.0
290	-7.5	-12.0
300	-7.5	-12.0

SDM Recorded Vehicle Lateral Acceleration (Event Record 1)

Contains No Recorded Data

SDM Recorded Vehicle Vertical Acceleration (Event Record 1)

Contains No Recorded Data

SDM Recorded Vehicle Roll Rate (Event Record 1)

Contains No Recorded Data

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.

DPID \$11
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
00 0C 00 0B 00 00 00

DPID \$32
FF F1 06 F1 00 00 00

DPID \$35
78 00 00 00 00 00 00

DID \$01
41 55 34 32 36 32 54 51 39 31 34 30 57 51 47 4D

DID \$03
41 54 34 32 36 32 54 51 39 30 54 54 57 51 47 4D

DID \$05
41 48 32 33 34 30 54 39 38 43 50 51 31 41 47 4C

DID \$07
41 4A 32 33 34 30 54 39 38 32 42 46 31 41 47 4C

DID \$09
44 41 32 33 34 31 54 36 53 4B 30 32 31 41 47 4E

DID \$0B
44 42 32 33 34 31 54 4D 45 4D 52 49 31 32 47 4E

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DID \$C1
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DID \$C3
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DID \$CB
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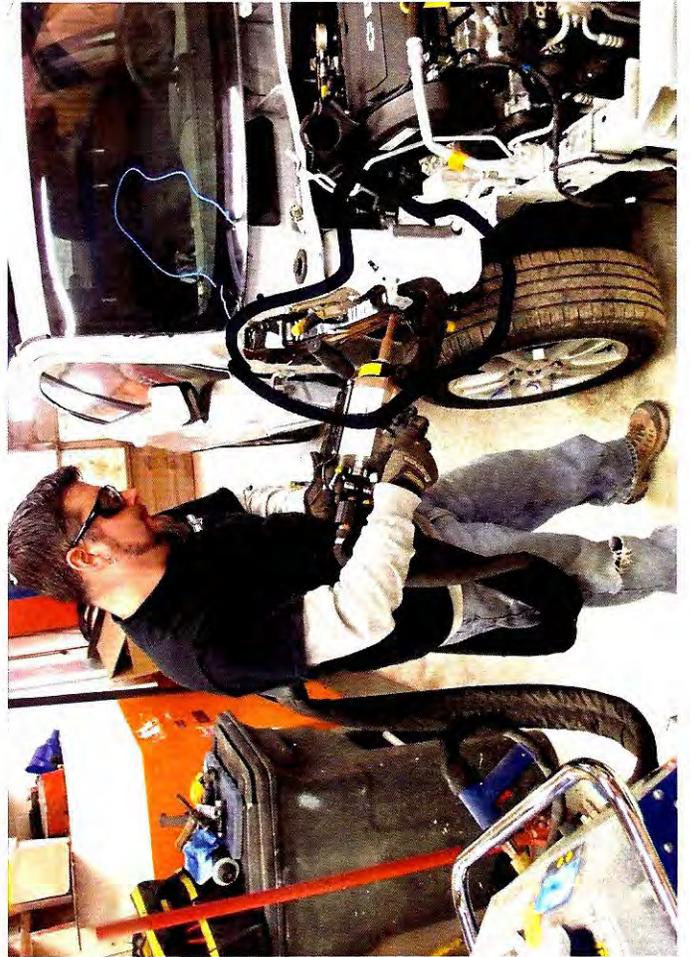
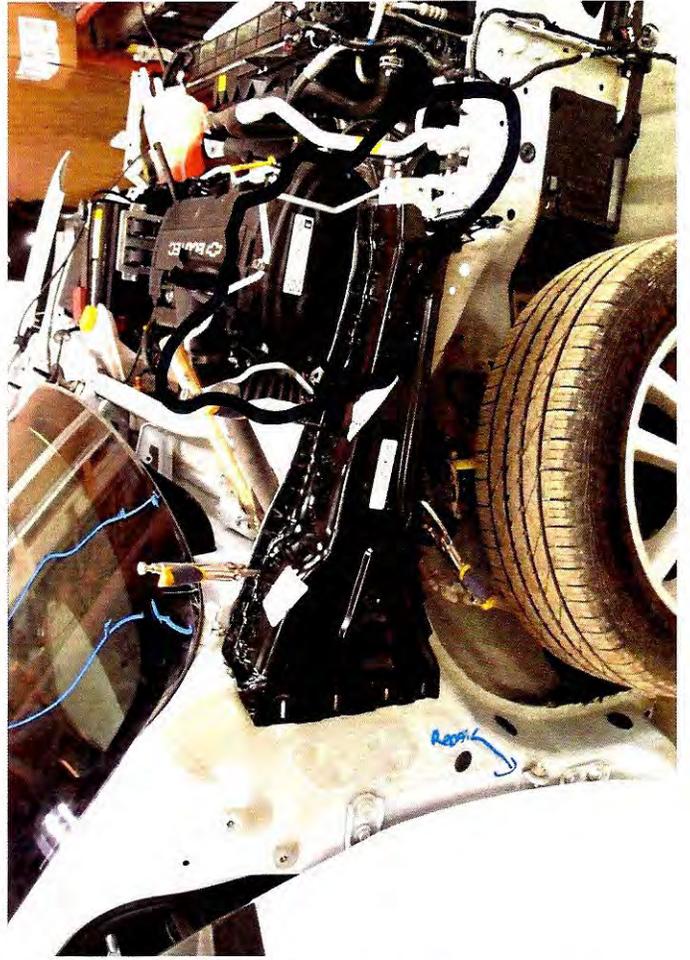
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Disclaimer of Liability

The users of the CDR product and reviewers of the CDR reports and exported data shall ensure that data and information supplied is applicable to the vehicle, vehicle's system(s) and the vehicle ECU. Robert Bosch LLC and all its directors, officers, employees and members shall not be liable for damages arising out of or related to incorrect, incomplete or misinterpreted software and/or data. Robert Bosch LLC expressly excludes all liability for incidental, consequential, special or punitive damages arising from or related to the CDR data, CDR software or use thereof.





SUPPLEMENT OF RECORD 1 WITH SUMMARY
2012 CHEV SONIC LT 4-1.8L-FI 4D SED WHITE Int:

NO.	OP.	DESCRIPTION	QTY	EXT. PRICE	LABOR	PAINT
9	Repl	Upper bracket	1	28.37	0.2	
10	Repl	Absorber	1	34.23	Incl.	
11	Repl	Lower impact bar (UHS)	1	265.00	0.3	
12	Repl	Lower deflector	1	81.78	Incl.	
13	Repl	RT Trim cover w/fog lamps	1	23.98	Incl.	
14	Repl	RT Trim ring w/fog lamps	1	30.60	Incl.	
15	Repl	Emblem	1	35.12	Incl.	
16	Repl	Lower grille	1	96.30	Incl.	
17	S01	Repl LT Closing plate	1	43.48	0.1	
18		FRONT LAMPS				
19**	Repl	A/M RT Headlamp assy	1	234.00	Incl.	
20		Aim headlamps			0.5	
21	R&I	LT Headlamp assy			0.3	
22	S01	Repl RT Fog lamp assy	1	69.55	Incl.	
23		AIR CONDITIONER & HEATER				
24	Repl	Evaporator tube	1	88.65	m 0.6	
25		RADIATOR SUPPORT				
26	Repl	Upper tie bar (STL)	1	109.35	2.7	1.6
27		Add for Clear Coat				0.3
28*		Evacuate & recharge			m 0.0	
29*		Refrigerant recovery			m 0.0	
30		Add for auto trans			m 0.2	
31	Repl	RT Support arm (STL)	1	8.40	Incl.	0.3
32		Add for Clear Coat				0.1
33	Repl	RT Reinforcement (STL)	1	10.43	0.8	
34	Repl	RT Lamp bracket	1	18.93	Incl.	
35	Repl	Sight shield	1	52.00	Incl.	
36	Repl	Lower shield	1	10.13	Incl.	
37	Repl	Under cover	1	103.98	0.3	
38		HOOD				
39	Repl	Hood (STL)	1	307.60	1.3	2.6
40		Add for Clear Coat				1.0
41		Add for Underside(Complete)				1.3
42		Add for Clear Coat				0.3
43	Repl	RT Hinge	1	69.33	0.3	0.3
44		Add for Clear Coat				0.1
45	Repl	Insulator	1	41.40	Incl.	
46	Repl	Front w'strip	1	17.08	0.1	
47	Repl	Rear w'strip	1	26.98	Incl.	
48	Repl	Support rod retainer	1	3.90		
49	Repl	Latch w/anti-theft	1	41.50	Incl.	
50	S01	Repl LT Hinge	1	69.33	0.3	0.3
51	S01	Add for Clear Coat				0.1
52	S01	Repl Release cable	1	6.60	0.8	
53		FENDER				
54	Repl	RT Fender	1	186.17	1.9	1.8
55		Overlap Major Adj. Panel				-0.4
56		Add for Clear Coat				0.3

[REDACTED]

SUPPLEMENT OF RECORD 1 WITH SUMMARY
2012 CHEV SONIC LT 4-1.8L-FI 4D SED WHITE Int:

NO.	OP.	DESCRIPTION	QTY	EXT.	PRICE	LABOR	PAINT
57		Add for Edging					0.5
58		Add for Clear Coat					0.1
59		Blnd LT Fender					0.9
60		Repl RT Fender liner	1		18.65	Incl.	
61		Repl RT Side shield 1.8 liter	1		18.13	0.2	
62		Repl RT Air guide	1		26.43	0.2	
63		Repl RT Applique	1		6.08	Incl.	
64*		Rpr RT Apron assy				s 5.0	0.9
65	S01	Repl RT Upper rail (HSS)	1		105.25	s 3.0	0.7
66	S01	Overlap Minor Panel					-0.2
67		ENGINE / TRANSAXLE					
68		Repl Upper cover	1		159.88	m Incl.	
69		Repl Air cleaner body	1		43.67	m 0.6	
70		Repl Filter	1		36.00	m Incl.	
71	S01	Repl Intake duct w/resonator	1		100.23	0.2	
72		FRONT DOOR					
73*	S01	Rpr RT Door shell (STL)				5.0	2.3
74	S01	Overlap Major Adj. Panel					-0.4
75	S01	Add for Clear Coat					0.4
76		R&I LT Belt w'strip w/o chrome				0.2	
77		Repl RT Mirror assy w/power	1		103.22	0.3	0.5
78		Overlap Minor Panel					-0.2
79		Add for Clear Coat					0.1
80		R&I RT Handle, outside w/o chrome				0.4	
81		R&I RT R&I trim panel				0.4	
82		COWL					
83		Repl RT Cowl grille side seal	1		7.58	Incl.	
84		Repl Cowl grille	1		41.95	0.6	
85		Repl Upper cover	1		56.40	0.3	
86#		Subl CAR COVER	1		5.00	T	
87#		Subl CAR/COVER PRIMER	1		5.00	T	
88#		Subl ANTI-CORROSIVE PRIMER	1		12.00	T	
89#		Subl UNDERCOATING/RUSTPROOFING	1		12.00	T	
90#		Subl FLEX ADHESION PROMOTOR	1		7.00	T	
91#		Rpr COLOR MATCH TINTING				0.5	
92#	S01	color sand	1			2.0	
93#		Rpr DISCONNECT BATTERY AND RESET ELECTRONICS				0.2	
94#		Rpr SET UP-MEASURE DIAGNOSE				2.0	
95#	S01	Rpr PULL AND ALIGN FRONT UNIBODY				4.0	F
96#	S01	HAZ WASTE REMOVAL	1		3.00	T	
97#	S01	Repl recon rt fr wheel per inv +20%	1		120.00		
98#	S01	material diff per imaged inv	1		233.10		
99#	S01	add neg labor	1		115.80		
00#		NO SUPPLEMENTS W/O PRIOR APPROVAL	1				
01	S01	COOLING					
02	S01	Repl Lower baffle	1		39.07	Incl.	



SUPPLEMENT OF RECORD 1 WITH SUMMARY
2012 CHEV SONIC LT 4-1.8L-FI 4D SED WHITE Int:

NO.	OP.	DESCRIPTION	QTY	EXT. PRICE	LABOR	PAINT
103	S01	WINDSHIELD				
104*	S01	Repl Windshield NAGS	1	775.85	Incl.	
105#	S01	Repl sublet mech repairs imaged dec a/c serv +20%	1	435.41		
106		OTHER CHARGES				
107#	S01	Towing	1	144.37		
Subtotals ==>				5127.84	38.7	19.2

ior Damage Notes:
R/DAMAGE REAR BUMPER

Parts		4939.47
Body Labor	34.7 hrs @ \$ 48.00/hr	1665.60
Paint Labor	19.2 hrs @ \$ 48.00/hr	921.60
Frame Labor	4.0 hrs @ \$ 48.00/hr	192.00
Paint Supplies	19.2 hrs @ \$ 23.00/hr	441.60
Sublet/Misc.		44.00
Other Charges		144.37
SUBTOTAL		\$ 8348.64
Sales Tax		\$ 8348.64 @ 6.3500% 530.14
TOTAL COST OF REPAIRS		\$ 8878.78
ADJUSTMENTS:		
Deductible		0.00
TOTAL ADJUSTMENTS		\$ 0.00
NET COST OF REPAIRS		\$ 8878.78

I HAVE THE RIGHT TO CHOOSE THE LICENSED REPAIR SHOP WHERE THE DAMAGE TO YOUR
FOR VEHICLE WILL BE REPAIRED. THIS INSTRUMENT IS NOT AN AUTHORIZATION TO
PAIR. REPAIR MUST BE AUTHORIZED BY THE VEHICLE OWNER. COVERAGE FOR HIDDEN
AGE WILL BE PROVIDED IF DIRECTLY RELATED TO THE CLAIM. NO ADDITIONAL
MENT UNLESS APPROVED BY A COMPANY REPRESENTATIVE IN WRITING

PRASER CONTACT #'S 203-815-5560

E MAIL: RQUINN@TWRGRP.COM

Ingersoll Auto of Danbury



84 Federal Road • Danbury, CT 06810

PH: (203) 730-5766

www.ingersollauto.com

*Just old
Bowers*

NO RETURNS WITHOUT THIS INVOICE • NO RETURNS AFTER 10 DAYS
NO RETURNS ON SPECIAL ORDER OR ELECTRICAL ITEMS
A RESTOCKING CHARGE WILL BE APPLIED ON ALL OTHER RETURNED MERCHANDISE

DISCLAIMER OF WARRANTIES

Any warranties on the products sold hereby are those made by the manufacturer. The seller hereby expressly disclaims all warranties, either express or implied, including any implied warranty of merchantability or fitness for a particular purpose, and the seller neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of said products.

DATE ENTERED 07 MAR 13	YOUR ORDER NO. BOWERS	DATE SHIPPED 20 MAR 13	INVOICE DATE 20 MAR 13	INVOICE NUMBER 36951	09:37
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RR COLLISION SPECIALTIES
94 SAND PIT RD
DANBURY, CT 06810-4007

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SHIP VIA	SLSM. 88	B/L NO. GREGG CAREW	TERMS (203) 797-8170 WHOLESALE CHARGE	F.O.B. POINT DANBURY, CT
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ORD.	SHIP	QTY	PART NO.	DESCRIPTION	LIST	NET	AMOUNT
1	1	1	95016301	SPORD COVER	103.98	72.79	72.79
1	1	1	95461590	SPORD APPLIQUE	6.08	4.26	4.26
			DF	DELIVERY FUEL SURCHARGE			0.00

*Thank
You!*

*We
Appreciate
Your
Patronage*

PARTS DEPT DIRECT: 203-730-5773
PARTS DEPT TOLL FREE: 888-820-4549
OUR RETAIL/WHOLESALE DEPARTMENT IS
WAITING FOR YOUR CALL!
ASK FOR GREGG OR PAUL.

PARTS	77.05
SUBLET	
FREIGHT	0.00
SALES TAX	0.00
TOTAL	\$77.05

CUSTOMER'S SIGNATURE
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DATE ENTERED	YOUR ORDER NO.	DATE SHIPPED	INVOICE DATE	INVOICE NUMBER	
MAR 13	BOWERS C4194	22 MAR 13	22 MAR 13	CM37192	10:05

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ACCOUNT NO. 77004

RR COLLISION SPECIALTIES
 94 SAND PIT RD
 DANBURY, CT 06810-4007

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PAGE 1 OF 1

SHIP VIA	SLSM.	B/L NO.	TERMS	F.O.B. POINT
	88	GREGG CAREW	(203) 797-8170 WHOLESALE CHARGE	DANBURY, CT

QTY	SHIP	B.O.	PART NO.	DESCRIPTION	LIST	NET	AMOUNT
-1	-1	1	95463825	SPORD LATCH	41.50	29.05	-29.05

*Propane work on 1/4 (work done)
 Give to propane work done*

Thank You!

We Appreciate Your Patronage

ARTS DEPT DIRECT: 203-730-5773
 ARTS DEPT TOLL FREE: 888-820-4549
 OUR RETAIL/WHOLESALE DEPARTMENT IS
 WAITING FOR YOUR CALL!
 ASK FOR GREGG OR PAUL.

PARTS	-29.05
SUBLET	
FREIGHT	0.00
SALES TAX	0.00
TOTAL	\$-29.05

CUSTOMER'S SIGNATURE
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DATE ENTERED	YOUR ORDER NO.	DATE SHIPPED	INVOICE DATE	INVOICE NUMBER	
7 MAR 13	BOWERS C4184	08 MAR 13	08 MAR 13	36945	09:13

SOLD TO
 ACCOUNT NO. 77004
 RR COLLISION SPECIALTIES
 94 SAND PIT RD
 DANBURY, CT 06810-4007

SHIP TO
 PAGE 1 OF 3

SHIP VIA	SLSM.	B/L NO.	TERMS (203) 797-8170	F.O.B. POINT
	88	GREGG CAREW	WHOLESALE CHARGE	DANBURY, CT

ORD.	QUANTITY SHIP	B.O.	PART NO.	DESCRIPTION	LIST	NET	AMOUNT
1	1		96696249	SPORD BAR	265.00	185.50	185.50
1	0	0	95468157	SPORD F-COVER	56.40	39.48	0.00
1	0	0	95470952	SPORD F-SEAL	7.58	5.31	0.00
1	0	0	95493727	SPORD F-PANEL	41.95	29.36	0.00
1	1	1	95205435	SPORD MIRROR	103.22	72.25	72.25
			Part number 95205435			replaces	9593500
1	1	3	96950990	118C ELEMENT	36.00	25.20	25.20
1	0	0	95920467	SPORD F-HOUSING	43.67	30.57	0.00
1	0	0	95969688	SPORD F-HOUSING	159.88	111.92	0.00
1	1	1	95976851	BRACKET	43.48	30.44	30.44
1	0	0	95231599	SPORD F-RAIL	251.33	175.93	0.00
1	0	0	95231598	SPORD F-RAIL	251.33	175.93	0.00
1	1	1	96901954	SPORD BRACKET	18.93	13.25	13.25
1	0	0	96901952	SPORD SUPPORT	8.40	5.88	0.00
1	0	0	96901556	SPORD SUPPORT	10.43	7.30	0.00
1	1	1	95021800	SPORD BAR	109.35	76.54	76.54
1	1	1	95463825	SPORD LATCH	41.50	29.05	29.05
1	0	0	94530149	SPORD F-CLIP	3.90	2.73	0.00
1	0	0	95985746	SPORD F-SEAL	17.08	11.96	0.00
1	0	0	95212750	SPORD F-WEATHERS	26.98	18.89	0.00
1	0	0	95462342	SPORD HINGE	69.33	48.53	0.00

Thank You!

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PARTS	
SUBLET	
FREIGHT	
SALES TAX	
TOTAL	

CUSTOMER'S SIGNATURE
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DATE ENTERED	YOUR ORDER NO.	DATE SHIPPED	INVOICE DATE	INVOICE NUMBER	
07 MAR 13	BOWERS C4184	08 MAR 13	08 MAR 13	36945	09:13

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ACCOUNT NO. 77004

RR COLLISION SPECIALTIES
 94 SAND PIT RD
 DANBURY, CT 06810-4007

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PAGE 2 OF 3

HIP VIA	SLSM.	B/L NO.	TERMS	F.O.B. POINT
	88	GREGG CAREW	(203) 797-8170 WHOLESALE CHARGE	DANBURY, CT

ORD.	QUANTITY	SHIP	B.O.	PART NO.	DESCRIPTION	LIST	NET	AMOUNT
1	0		0	96872981	SPORD INSULATOR	41.40	28.98	0.00
1	1		1	19299673	SPORD HOOD	307.60	215.32	215.32
				Part number 19299673 replaces				9521516
1	1		1	95015918	SPORD DEFLECTOR	26.43	18.50	18.50
1	1		1	95473426	SPORD FENDER	186.17	130.32	130.32
1	1		1	95072281	SPORD LINER	18.65	13.05	13.05
1	1		1	95491330	SPORD EXTENSION	18.13	12.69	12.69
2	2		3	52477087	112D13 SEAL	9.64	6.75	13.50
2	2		8	2724966	115C19 SEAL	9.66	6.76	13.52
1	1		1	95933266	SPORD HOSE	88.65	62.05	62.05
1	1		1	96830972	SPORD HEADLAMP	313.52	219.46	219.46
1	1		1	95215846	SPORD GRILLE	96.30	67.41	67.41
1	1		1	95227395	GRILLE	96.30	67.41	67.41
1	1		1	95122465	SPORD EMBLEM	37.22	26.05	26.05
1	1		1	95231073	SPORD COVER	30.60	21.42	21.42
1	1		1	95231071	SPORD COVER	23.98	16.79	16.79
1	1		1	96694779	105 SIDE DEFLECTOR	81.78	57.25	57.25
1	0		0	96694740	SPORD F-ABSORBER	34.23	23.96	0.00
1	1		1	95026204	SPORD COVER	52.00	36.40	36.40
1	1		1	95025308	SPORD COVER PKG	10.13	7.09	7.09
1	1		1	96878591	SPORD BAR	265.00	185.50	185.50

Thank You!

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CUSTOMER'S SIGNATURE		
X		
PARTS		
SUBLET		
FREIGHT		
SALES TAX		
TOTAL		

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CHEVROLET

BUICK



GMC



Cadillac

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DATE ENTERED 07 MAR 13	YOUR ORDER NO. BOWERS C4184	DATE SHIPPED 08 MAR 13	INVOICE DATE 08 MAR 13	INVOICE NUMBER 36945	09:13
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ACCOUNT NO. 77004

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PAGE 3 OF 3

RR COLLISION SPECIALTIES
 94 SAND PIT RD
 DANBURY, CT 06810-4007

SHIP VIA	SLSM. 88	B/L NO. GREGG CAREW	TERMS (203) 797-8170	F.O.B. POINT DANBURY, CT
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QTY	SHIP	B.O.	PART NO.	DESCRIPTION	LIST	NET	AMOUNT
1	1	1	95462003	SPORD GUIDE	6.45	4.51	4.51
1	0	0	95229055	FASCIA	310.30	217.21	0.00
1	1	2	9132667	115D9 RIVET	3.72	2.60	2.60
			DF	DELIVERY FUEL SURCHARGE			0.00
The following parts have been special ordered:							
		1	95468157	F-COVER			
		1	95470952	F-SEAL			
		1	95493727	F-PANEL			
		1	95920467	F-HOUSING			
		1	95969688	F-HOUSING			
		1	95231599	F-RAIL			
		1	95231598	F-RAIL			
		1	96901952	SUPPORT			
		1	96901556	SUPPORT			
		1	94530149	F-CLIP			
		1	95985746	F-SEAL			
		1	95212750	F-WEATHERS			
		1	95462342	HINGE			
		1	96872981	INSULATOR			
		1	96694740	F-ABSORBER			
		1	95229055	FASCIA			

Thank You!

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 PARTS DEPT TOLL FREE: 888-820-4549
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 ASK FOR GREGG OR PAUL.

PARTS	1,623.07
SUBLET	
FREIGHT	0.00
SALES TAX	0.00
TOTAL	\$1,623.07

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DATE ENTERED	YOUR ORDER NO.	DATE SHIPPED	INVOICE DATE	INVOICE NUMBER	
3 MAR 13	BOWERS C4184	13 MAR 13	13 MAR 13	37087	08:04

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RR COLLISION SPECIALTIES
 94 SAND PIT RD
 DANBURY, CT 06810-4007

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HIP VIA	SLSM.	B/L NO.	TERMS	F.O.B. POINT
	88	GREGG CAREW	(203) 797-8170 WHOLESALE CHARGE	DANBURY, CT

ORD.	QUANTITY SHIP	S.O.	PART NO.	DESCRIPTION	LIST	NET	AMOUNT
1	1	1	96694740	SPORD F-ABSORBER	34.23	23.96	23.96
			DF	DELIVERY FUEL SURCHARGE			0.00
The following parts have been special ordered:							
			1 96901952	SUPPORT			
			1 94530149	F-CLIP			
			1 95212750	F-WEATHERS			

PARTS DEPT DIRECT: 203-730-5773
 PARTS DEPT TOLL FREE: 888-820-4549
 OUR RETAIL/WHOLESALE DEPARTMENT IS
 WAITING FOR YOUR CALL!
 ASK FOR GREGG OR PAUL.

CUSTOMER'S SIGNATURE
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PARTS	23.96
SUBLET	
FREIGHT	0.00
SALES TAX	0.00
TOTAL	\$23.96

Thank You!

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DATE ENTERED	YOUR ORDER NO.	DATE SHIPPED	INVOICE DATE	INVOICE NUMBER	37135	08:19
MAR 13	BOWERS C4184	14 MAR 13	14 MAR 13			

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ACCOUNT NO. 77004

RR COLLISION SPECIALTIES

94 SAND PIT RD

DANBURY, CT 06810-4007

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SHIP VIA	SLSM.	B/L NO.	TERMS (203) 797-8170	F.O.B. POINT
	88	GREGG CAREW	WHOLESALE CHARGE	DANBURY, CT

ORD.	QUANTITY	B.O.	PART NO.	DESCRIPTION	LIST	NET	AMOUNT
1	1	1	96901952	SPORD SUPPORT	8.40	5.88	5.88
1	1	1	94530149	SPORD F-CLIP	3.90	2.73	2.73
1	1	1	95212750	SPORD F-WEATHERS	26.98	18.89	18.89
			DF	DELIVERY FUEL SURCHARGE			0.00

PARTS DEPT DIRECT: 203-730-5773

PARTS DEPT TOLL FREE: 888-820-4549

OUR RETAIL/WHOLESALE DEPARTMENT IS WAITING FOR YOUR CALL!

ASK FOR GREGG OR PAUL.

CUSTOMER'S SIGNATURE

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PARTS	27.50
SUBLET	
FREIGHT	0.00
SALES TAX	0.00
TOTAL	\$27.50

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DATE ENTERED	YOUR ORDER NO.	DATE SHIPPED	INVOICE DATE	INVOICE NUMBER	
09 MAR 13	BOWERS C4184	09 MAR 13	09 MAR 13	36981	07:20

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 94 SAND PIT RD
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HIP VIA	SLSM.	B/L NO.	TERMS	F.O.B. POINT
	88	GREGG CAREW	(203) 797-8170 WHOLESALE CHARGE	DANBURY, CT

ORD.	QUANTITY SHIP	B.O.	PART NO.	DESCRIPTION	LIST	NET	AMOUNT
1	1	1	95229055	FASCIA	310.30	217.21	217.21
			DF	DELIVERY FUEL SURCHARGE			0.00
			The following parts have been special ordered:				
			1 95468157	F-COVER			
			1 95470952	F-SEAL			
			1 95493727	F-PANEL			
			1 95920467	F-HOUSING			
			1 95969688	F-HOUSING			
			1 95231599	F-RAIL			
			1 95231598	F-RAIL			
			1 96901952	SUPPORT			
			1 96901556	SUPPORT			
			1 94530149	F-CLIP			
			1 95985746	F-SEAL			
			1 95212750	F-WEATHERS			
			1 95462342	HINGE			
			1 96872981	INSULATOR			
			1 96694740	F-ABSORBER			

Thank You!

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PARTS DEPT DIRECT: 203-730-5773
 PARTS DEPT TOLL FREE: 888-820-4549
 OUR RETAIL/WHOLESALE DEPARTMENT IS WAITING FOR YOUR CALL!
 ASK FOR GREGG OR PAUL.

PARTS	217.21
SUBLET	
FREIGHT	0.00
SALES TAX	0.00
TOTAL	\$217.21

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DATE ENTERED	YOUR ORDER NO.	DATE SHIPPED	INVOICE DATE	INVOICE NUMBER	
20 MAR 13	BOWER	21 MAR 13	21 MAR 13	37318	08:49

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 94 SAND PIT RD
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SHIP VIA	SLSM.	B/L NO.	TERMS	F.O.B. POINT
	88	GREGG CAREW	(203) 797-8170 WHOLESALE CHARGE	DANBURY, CT

ORD.	QUANTITY	B.O.	PART NO.	DESCRIPTION	LIST	NET	AMOUNT
1	1	2	25775833	120C15 SENSOR	6.40	4.48	4.48
1	1	1	95026205	SPORD BUMPER	4.32	3.02	3.02
1	1	1	95026204	SPORD COVER	52.00	36.40	36.40
1	1	1	95961450	SPORD BAFFLE	39.07	27.35	27.35
			DF	DELIVERY FUEL SURCHARGE			0.00

*lower radiator
Baffle*

- Temp sensor

- ~~Engine~~ cover under

Thank You!

Cover up

Support

Circle

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 PARTS DEPT TOLL FREE: 888-820-4549
 OUR RETAIL/WHOLESALE DEPARTMENT IS
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PARTS	71.25
SUBLET	
FREIGHT	0.00
SALES TAX	0.00
TOTAL	\$71.25

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DATE ENTERED	YOUR ORDER NO.	DATE SHIPPED	INVOICE DATE	INVOICE NUMBER	
3 MAR 13	BOWERS	14 MAR 13	14 MAR 13	37093	10:26

SOLD TO: ACCOUNT NO. 77004
 RR COLLISION SPECIALTIES
 94 SAND PIT RD
 DANBURY, CT 06810-4007

SHIP TO: PAGE 1 OF 1

SHIP VIA		SLSM.	B/L NO.	TERMS	F.O.B. POINT		
		88	GREGG CAREW	(203) 797-8170 WHOLESALE CHARGE	DANBURY, CT		
QTY	SHIP	B.O.	PART NO.	DESCRIPTION	LIST	NET	AMOUNT
1	1	1	95472109	SPORD F-RAIL	105.25	73.67	73.67
			CASE # C25968800498				
			DF	FREIGHT 12.00 DELIVERY FUEL SURCHARGE			0.00
PARTS DEPT DIRECT: 203-730-5773				PARTS		73.67	
PARTS DEPT TOLL FREE: 888-820-4549				SUBLET			
OUR RETAIL/WHOLESALE DEPARTMENT IS				FREIGHT		12.00	
WAITING FOR YOUR CALL!				SALES TAX		0.00	
ASK FOR GREGG OR PAUL.				TOTAL		\$85.67	
CUSTOMER'S SIGNATURE							
X							

RT side upper Rail

Thank You!

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DATE ENTERED	YOUR ORDER NO.	DATE SHIPPED	INVOICE DATE	INVOICE NUMBER	
5 MAR 13	BOWERS C4194	16 MAR 13	16 MAR 13	37192	12:17

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ACCOUNT NO. 77004

RR COLLISION SPECIALTIES
 94 SAND PIT RD
 DANBURY, CT 06810-4007

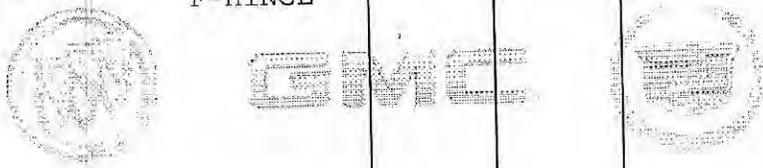
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SHIP VIA	SLSM.	B/L NO.	TERMS (203) 797-8170	F.O.B. POINT
	88	GREGG CAREW	WHOLESALE CHARGE	DANBURY, CT

ORD.	QUANTITY	B.O.	PART NO.	DESCRIPTION	LIST	NET	AMOUNT
1	1	-1	96830994	SPORD LAMP	69.55	48.68	48.68
1	1	-1	95976852	SPORD BRACKET	43.48	30.44	30.44
1	0	-0	95462341	SPORD F-HINGE	69.33	48.53	0.00
1	1	1	95463825	SPORD LATCH	41.50	29.05	29.05
				FREIGHT		25.11	
			DF	DELIVERY FUEL SURCHARGE			0.00

The following parts have been special ordered:
 1 95462341 F-HINGE



205 LAMP RT

Closing plate Bump

Hold left hinge

Thank You!

We Appreciate Your Patronage

PARTS DEPT DIRECT: 203-730-5773
 PARTS DEPT TOLL FREE: 888-820-4549
 OUR RETAIL/WHOLESALE DEPARTMENT IS
 WAITING FOR YOUR CALL!
 ASK FOR GREGG OR PAUL.

PARTS	108.17
SUBLET	
FREIGHT	25.11
SALES TAX	0.00
TOTAL	\$133.28

CUSTOMER'S SIGNATURE
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DATE ENTERED	YOUR ORDER NO.	DATE SHIPPED	INVOICE DATE	INVOICE NUMBER	
3 MAR 13	BOWERS C4194	18 MAR 13	18 MAR 13	37230	08:56

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ACCOUNT NO. 77004

RR COLLISION SPECIALTIES
 94 SAND PIT RD
 DANBURY, CT 06810-4007

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PAGE 1 OF 1

SHIP VIA	SLSM. 88	B/L NO. GREGG CAREW	TERMS (203) 797-8170 WHOLESALE CHARGE	F.O.B. POINT DANBURY, CT			
ORD.	QUANTITY SHIP	B.O.	PART NO.	DESCRIPTION	LIST	NET	AMOUNT
1	1	1	95462341	SPORD F-HINGE	69.33	48.53	48.53
			DF	DELIVERY FUEL SURCHARGE			0.00
PARTS DEPT DIRECT: 203-730-5773 PARTS DEPT TOLL FREE: 888-820-4549 OUR RETAIL/WHOLESALE DEPARTMENT IS WAITING FOR YOUR CALL! ASK FOR GREGG OR PAUL.							Hinge LT Thank You! We Appreciate Your Patronage
CUSTOMER'S SIGNATURE							
X							
PARTS 48.53							
SUBLET							
FREIGHT 0.00							
SALES TAX 0.00							
TOTAL \$48.53							

Ingersoll Auto of Danbury



84 Federal Road · Danbury, CT 06810

PH: (203) 730-5766

www.ingersollauto.com

Supplement

NO RETURNS WITHOUT THIS INVOICE · NO RETURNS AFTER 10 DAYS
 NO RETURNS ON SPECIAL ORDER OR ELECTRICAL ITEMS
 A RESTOCKING CHARGE WILL BE APPLIED ON ALL OTHER RETURNED MERCHANDISE

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DATE ENTERED	YOUR ORDER NO.	DATE SHIPPED	INVOICE DATE	INVOICE NUMBER
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PAGE 1 OF 1

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ACCOUNT NO. 77004

RR COLLISION SPECIALTIES
 94 SAND PIT RD
 DANBURY, CT 06810-4007

TERMS 203) 797-8170		F.O.B. POINT	
WHOLESALE CHARGE		DANBURY, CT	
DESCRIPTION	LIST	NET	AMOUNT
HANDLE	6.60	4.62	4.62
5.00			
LIVERY FUEL SURCHARGE			0.00
cable			
GMC			
We			
Appreciate			
Your			
Patronage			
PARTS			4.62
SUBLET			
FREIGHT			15.00
SALES TAX			0.00
TOTAL			\$19.62

SHIP VIA	SLSM.	B/L NO.		
	88	GREGG CAREW		
QUANTITY			PART NO.	DESCR
ORD.	SHIP	B.O.		
1	1	1	95227779	SPORD FREIGHT
			DF	
Hood Realties				
PARTS DEPT DIRECT: 203-730-5773				
PARTS DEPT TOLL FREE: 888-820-4549				
OUR RETAIL/WHOLESALE DEPARTMENT IS				
WAITING FOR YOUR CALL!				
ASK FOR GREGG OR PAUL.				
				CUSTOMER'S SIGNATURE
				X

Ingersoll Auto of Danbury



84 Federal Road · Danbury, CT 06810

PH: (203) 730-5766

www.ingersollauto.com

*Complet
Bower
Car Wash + Resonator*

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DATE ENTERED	YOUR ORDER NO.	DATE SHIPPED	INVOICE DATE	INVOICE NUMBER	
8 MAR 13	BOWERS C4184	20 MAR 13	20 MAR 13	37258	09:37

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ACCOUNT NO. 77004

PAGE 1 OF 1

RR COLLISION SPECIALTIES
94 SAND PIT RD
DANBURY, CT 06810-4007

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SHIP VIA		SLSM.	B/L NO.	TERMS	F.O.B. POINT				
		88	GREGG CAREW	(203) 797-8170 WHOLESALE CHARGE	DANBURY, CT				
ORD.	QUANTITY	SHIP	Q.O.	PART NO.	DESCRIPTION	LIST	NET	AMOUNT	
1	1	1	1	95167526	SPORD DUCT	100.23	70.16	70.16	
					FREIGHT	29.00			
				DF	DELIVERY FUEL SURCHARGE			0.00	
<i>1 note ke w/ Resonator</i>									
PARTS DEPT DIRECT: 203-730-5773								PARTS	70.16
PARTS DEPT TOLL FREE: 888-820-4549								SUBLET	
OUR RETAIL/WHOLESALE DEPARTMENT IS								FREIGHT	29.00
WAITING FOR YOUR CALL!								SALES TAX	0.00
ASK FOR GREGG OR PAUL.								TOTAL	\$99.16
CUSTOMER'S SIGNATURE									
X									

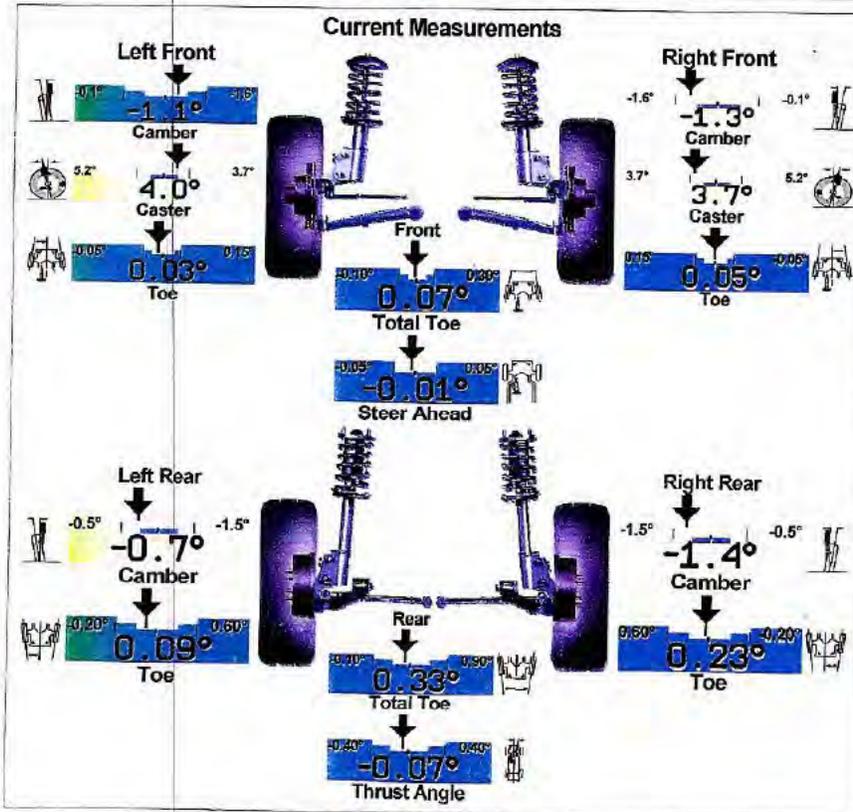
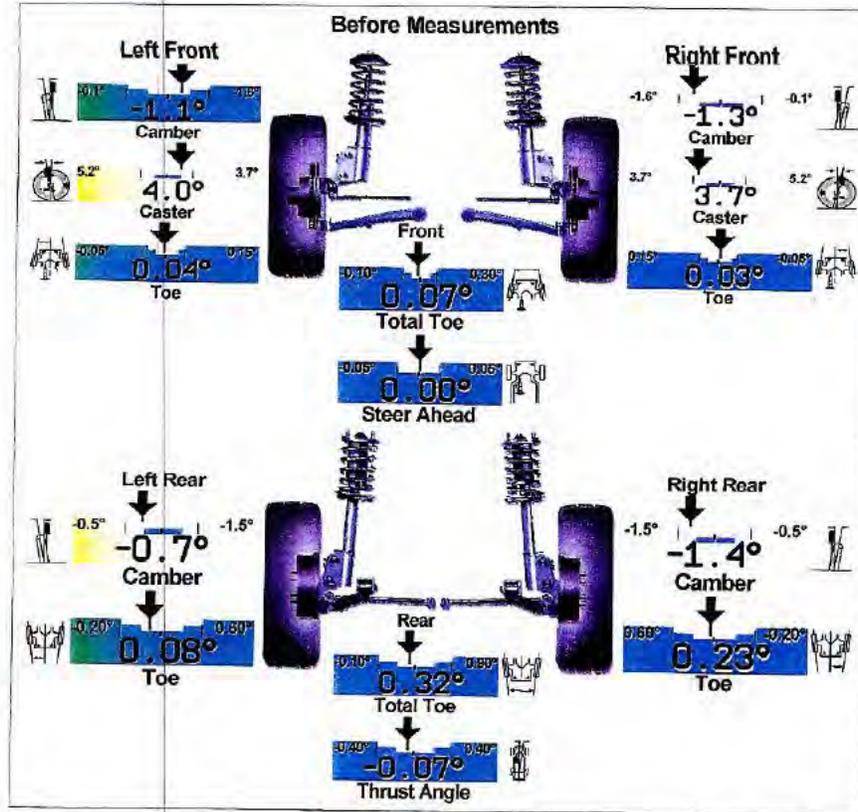
*Thank
You!*

*We
Appreciate
Your
Patronage*

INGERSOLL AUTO GMC BUICK SATURN CHEVROLET PONTIAC

Work Order: R000001
VIN: 1G1JC5SH5C4 [REDACTED]
Year: 12
Date: 3/25/13 11:43 AM

Chevrolet : Sonic : All Models except ECO : FE1 Suspension : 2012-





USTOMER #: 81680

115829

Ingersoll Auto of Danbury



INVOICE

84 Federal Road · Danbury, CT 06810

PH: (203) 730-5766

www.ingersollauto.com

DUPLICATE 1
PAGE 1



DANBURY, CT



CELL: SERVICE ADVISOR: 65 LARRY RYAN

COLOR	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN/OUT	TAG	
WHITE	12	CHEVROLET SONIC	1G1JC5SH5C4		13728/13728	T138	
DEL. DATE	PROB. DATE	WARR. EXP.	PROMISED	PO. NO.	RATE	PAYMENT	INV. DATE
1JAN12 IS			19:00 26MAR13		VAR	CASH	25MAR13
1JAN12 DD							
R.O. OPENED	READY	OPTIONS: DLR:14014B ENG:1.8 Liter_MFI_DOHC					
4:40 21MAR13	14:01 25MAR13						
LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL

EVACUATE AND RECHARGE A/C SYSTEM
 00 EVACUATE AND RECHARGE A/C SYSTEM
 675 CP 119.00 119.00
 1 12346287 R134 DYE 12.51 9.99 9.99
 1 88901445 LUBRICANT 31.81 5.95 5.95
 2 12356150 REFRIG 22.58 18.34 36.68
 ARTS: 52.62 LABOR: 119.00 OTHER: 0.00 TOTAL LINE A: 171.62

13728 Evacuated A/C system-was empty, pulled vacuum and held, charged to full capacity, operated and verified no leaks and proper system operation.

PERFORM ALIGNMENT
 00 PERFORM 4 WHEEL ALIGNMENT 89.95 89.95
 675 CP 89.95 89.95
 ARTS: 0.00 LABOR: 89.95 OTHER: 0.00 TOTAL LINE B: 89.95

13728 Completed vehicle alignment procedure, printed and attached results to repair order. Road tested, steering wheel straight, feel of a pull to the right. Re-inspected and found right front lower A-arm bent.

** REPLACE RIGHT FRONT LOWER CONTROL ARM
 00 REPLACE RIGHT FRONT LOWER CONTROL ARM 108.00 108.00
 675 CP 54.61 54.61 54.61
 1 95190870 ARM

MISC FREIGHT CHARGE 28.66 28.66
 CP 28.66 28.66
 PARTS: 54.61 LABOR: 108.00 OTHER: 28.66 TOTAL LINE C: 191.27

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X

CUSTOMER SIGNATURE

DESCRIPTION	TOTALS
LABOR AMOUNT	316.95
PARTS AMOUNT	107.23
GAS, OIL, LUBE	0.00
SUBLET AMOUNT	0.00
MISC. CHARGES	28.66
TOTAL CHARGES	452.84
LESS INSURANCE	0.00
SALES TAX	0.00
PLEASE PAY THIS AMOUNT	452.84

CUSTOMER COPY



Global Diagnostic System 2

Vehicle DTC Information

Overview

MDI Serial Number	22007586
Vehicle Identification Number (VIN)	1G1JC5SH5C4 [REDACTED]
Diagnostic End Date	2013-04-11 11:30:01
Diagnostic Start Date	2013-04-11 11:30:01
Number of Times Diagnostic Session Resumed	0
Make	Chevrolet
Model	Sonic
Model Year	2012

No DTCs Stored



71-1160517173 GM Product Assistance - Claims Department (PAC) Request

Al Difalco to: Al Difalco

04/10/2013 01:30 PM

PAC Information Provided:

PAR Record Number:

Number : PAC0001394

Provided Information:

PAC File Number : 71-1160517173

Customer Information:

Customer First Name : [REDACTED]

[REDACTED]

[REDACTED]

Customer City : New Milford

Customer State : CT

Customer Zip Code : [REDACTED]

[REDACTED]

Customer Work Phone :

Customer Cell Phone :

Vehicle Information:

VIN : 1G1JC5SH5C4 [REDACTED]

Vehicle Year : 2012

Vehicle Make : Chevrolet

Vehicle Model : Sonic

Vehicle Mileage : 13500

Vehicle Location Information:

Dealer/Salvage/Other : Dealer

POC Name : Larry Ryan

POC Phone : 2037305766

POC Email :

Dealer BAC : 259688

Name of Business : BG Of Danbury, L.L.C.

Vehicle Location Address : 84 Federal Road

Vehicle Location City : Danbury

Vehicle Location State : CT

Vehicle Location Zip Code : 06810-6229

Customer Concerns:

Air Bag Deployment Concern - In a Collision : true

Air Bag Deployment Concern - No Collision : false

Accelerator/Throttle Concern : false

Brakes ABS Concern : false

Engine/Transmission/Drivetrain Concern : false

Fire/Thermal Event Concern : false

Restraint/SIR/Seats/Seatbelt Concern : false

Steering/Suspension/Tire/Wheels Concern : false

Water/Moisture/Odor Concern : false

Additional Information Concern : i was swirving to miss a deer and i went into the gaurd rail with the front end of the vehicle and the airbags didnt deploy

please call dealer prior to set up and provide estimate for repair

CSR Information:

Requestor Name : RITA SANCHEZ

Requestor Email : rita_sanchez@gmexpert.com

Requestor Phone : (866) 790-5600 Ext 41345

Requestor Fax : 866-857-3113

Ref:MSG0509600


William Genovese [Logout](#)
March 19, 2013

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

[INTERFACE WITH CUSTOMER](#) [USER OPTIONS](#)

View Vehicle Summary f

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).

Vehicle Information

VIN: 1G1JC5SH5C4 [REDACTED] Model: 1JV69-2012 SONIC 4 DOOR LT
 Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes
 Order Type: 70 - RETAIL - STOCK
 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:800-566-3600.

OnStar Equipped: Y OnStar Status: **Inactive**
 XM Equipped: Y XM Radio ID: 5M9QL2RG 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 Limited Warranty	09/08/2012	07/19/2012	11 MI	07/19/2015	50,011 MI
	Bumper to Bumper Limited Warranty	09/08/2012	07/19/2012	11 MI	07/19/2015	36,011 MI
	Emission Select State Component Lty Wty	09/08/2012	07/19/2012	11 MI	07/19/2019	70,011 MI
	Corrosion Limited Warranty	09/08/2012	07/19/2012	11 MI	07/19/2018	100,011 MI
	Powertrain Limited	09/08/2012	07/19/2012	11 MI	07/19/2017	100,011 MI

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](#)
-
- ? [Investigate Major Assembly History](#)

Warranty Emission Select Component Ltd Wty	09/08/2012	07/19/2012	11 MI	07/19/2020	80,011 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
09/06/2012	102624	ZREG----Regular Vehicle Transaction		C4239 - Rear Window Panel Trim Replacement	3,509 MI
04/13/2012	A84675	ZPDI----Pre-Delivery Inspection		Z7000 - Pre-Delivery Inspection - Base Time	1 MI

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William Genovese

[Logout](#)

March 19, 2013

Global Warranty Management: [Main](#) > [Interface With Customer](#) > [View Vehicle Build](#)

INTERFACE WITH CUSTOMER

[USER OPTIONS](#)

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).

Vehicle Information

VIN: [REDACTED] Title: No Warranty Block: No PDI Status: Yes
 Order Type: 70 - RETAIL - STOCK
 Field Actions: [0 Open](#)

[REQUEST ANOTHER VIN](#)

Vehicle Build

Model: 1JV69-2012 SONIC 4 DOOR LT Order Number: QFVSDC
 Gross Vehicle Weight: 1,704 Build Date: 04/11/2012
 Build Plant: 4

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](#)
- ? [Investigate Major Assembly History](#)

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.

- | | |
|---|---|
| 01A - TRIM COLOR SEAT JET BLACK | 1AF - TRIM COLOR DR PANEL DK TITANIUM |
| 1SZ - PREFERRED EQUIPMENT SAVINGS | 2LT - 2LT PACKAGE |
| 4AA - INTERIOR TRIM JET BLACK | 6X1 - FRT LH NON-COMPUTER SEL SUSP |
| 7X1 - COMPONENT FRT RH NON- COMPUTER SEL SUSP | 8X2 - PARTITION W/CENTER DOOR |
| 9X2 - COMPONENT RR RH NON- COMPUTER SEL SUSP | A33 - POWER WINDOWS, REAR |
| A66 - WINDOW POWER OPERATED, PASSENGER | A69 - SEAT BELT TENSIONER, FRONT |
| A70 - SEAT BELT TENSIONER, FRONT | A90 - TRUNK RELEASE, POWER |
| AAL - RESTRAINT KNEE, BOLSTER, LH/RH | ABY - JET BLACK/DARK TITANIUM |
| AE2 - LATCH RR COMPARTMENT, SAFETY, MANUAL RELEASE | AG5 - SEAT ADJUSTER, FRONT PASSENGER 2-WAY MANUAL |
| AH3 - SEAT ADJUSTER DRIVER 4-WAY MANUAL | AHU - SEAT BELT ADJUSTERS |
| AJC - HEADRESTS, 2 WAY ADJUSTABLE | AKJ - WINDSHIELD STYLE SHADE BAND |
| AKP - GLASS, TINTED | AL0 - AIRBAG SENSING SYSTEM, PASSENGER |
| AMA - REAR SEAT, SPLIT BACK FOLDING | AR7 - SEATS, FRONT BUCKET |
| AU3 - POWER DOOR LOCKS | AXG - POWER WINDOW W/ EXPRESS DRIVER UP/DOWN * POWER WINDOWS, REAR * POWER WINDOWS, PASSENGER |
| AXJ - PASSENGER CAR | AYF - AIRBAGS, DRIVER & PASSENGER FRONTAL & SIDE IMPACT HEAD SIDE CURTAIN |
| B37 - FLOOR MATS - FRONT AND REAR | BAG - EXPORT PARTS PACKAGE |
| BAH - ENGINE IMMOBILIZER | BJ6 - ORNAMENTATION NAME PLATE "SONIC" |
| BPF - BUMPER PROVISIONS FRONT, LOWER SPOILER EDGE | BTT - ALARM REMOTE PANIC |
| BTV - REMOTE VEHICLE START | BXQ - BLACK ORNAMENTATION |
| C49 - REAR WINDOW DEFROSTER | C60 - AIR CONDITIONING |
| C95 - LIGHTING, INTERIOR | CD4 - WINDSHIELD WIPERS, FRONT INTERMITTENT |
| D05 - ARMREST, DRIVER SEAT | D31 - MIRROR, MANUAL INSIDE RR VIEW |
| D75 - HANDLE O/S DOOR BODY COLOR | DG6 - MIRRORS, OUTSIDE HEATED, POWER-ADJUSTABLE, BODY-COLOR MANUAL FOLDING |
| DLV - VISORS, DRIVER/ FRT PASSENGER W/ VANITY MIRRORS | E19 - BUMPER 5.0 MPH |
| E21 - HANDLE I/S, DR, CHROME | E22 - REAR HANDLE ASSIST |

E27 - ASSIST HANDLE, FRT PASSENGER	E3E - OUTSIDE HANDLE LIFTGATE
E91 - MAP POCKET, PASS SEATBACK	EF7 - COUNTRY CODE, U.S.A.
EW1 - TRIM SEAT CLOTH, BRAVO	FE1 - SUSPENSION SYSTEM
FHA - FUEL SYSTEM ELECTRONIC, RETURNLESS	FHB - AXLE, 3.47 RATIO
FHG - TRIM DOOR SOFT TOUCH PAINT	FHO - VEHICLE FUEL GASOLINE E10
FX3 - STABILITRAK-STABILITY CONTROL SYSTEM W/ TRACTION CONTROL	GAZ - SUMMIT WHITE
J93 - BRAKES, FRONT DISC/REAR DRUM	JBD - BOOSTER BRAKE, SINGLE RATE
K12 - AIR FILTRATION SYSTEM	K34 - CRUISE CONTROL
K60 - ALTERNATOR, 100 AMPS	KNV - KNOB TRANS CONT LEVER, SATIN SILVER, CHROME
KTF - PRIMARY KEY	KTL - LOCK CONTROL
LHD - LEFT HAND DRIVE	LUW - ENGINE: 1.8L ECOTEC VVT DOHC 4 CYL
M97 - SHIFTER INTERLOCK BRAKE, TRANS	MAH - MARKETING AREA NORTH AMERICA
MDC - MOLDINGS, CHROME BELT-LINE	MH9 - TRANSMISSION: 6-SPD AUTOMATIC
MM1 - TRANSMISSION: AUTOMATIC	N37 - STEERING COLUMN TILT, TELESCOPING
N54 - STEERING WHEEL, SPORT	NCG - REAR DOOR LOCKS, CHILD SECURITY
NE1 - 50-STATE EMISSIONS	NJ1 - POWER STEERING, ELECTRIC
NPH - STAINLESS STEEL EXHAUST	NU5 - EMISSION SYSTEM CALIFORNIA, BIN 4
ORN - PLANT CODE - ORION	PCL - CONNECTIVITY PLUS CRUISE PKG: * REMOTE VEHICLE START * CRUISE CONTROL * STEERING WHEEL CONTROLS * BLUETOOTH FOR PHONE * USB PORT
PDV - WHEELS AND FOG LAMP PACKAGE: * TIRES, ALL SEASON BLACKWALL * WHEELS, 16" PAINTED ALUMINUM * FRONT FOG LAMPS	Q8E - MECHANICAL JACK W/ ÉTOOLS
QLG - TIRES, ALL SEASON BLACKWALL	R9N - CONTROL-SALES ITEM NO. 89
RRV - WHEELS, 16" PAINTED ALUMINUM	SLM - STOCK ORDERS
T3U - FRONT FOG LAMPS	T3W - DAYTIME RUNNING LAMPS
T4A - HEADLAMPS, HALOGEN	T83 - HEADLAMP CONTROL AUTOMATIC ON & OFF
TM7 - BATTERY, RUNDOWN PROTECTION	TR1 - LAMP TAIL & STOP
TS6 - HIGH LEVEL STOP LAMP	U04 - HORN SINGLE NOTE
U25 - LIGHTING, REAR CARGO AREA	U2K - XM RADIO + SERVICE SUBSCRIPTION SOLD SEPARATELY BY SIRIUSXM AFTER 3 MTHS
U58 - RADIO FACEPLATE	U68 - DISPLAY DRIVER INFO CENTER
U80 - DISPLAY COMPASS	UBA - ANTENNA
UC1 - SPEEDOMETER INST, MILES	UC3 - STEERING WHEEL CONTROLS
UDB - DRIVER INFORMATION CENTER	UE1 - ONSTAR SYSTEM INCLUDES 1 YEAR SAFE & SOUND
UGM - TEMPERATURE SENSOR, OUTSIDE	UH0 - INDICATOR SEAT BELT WARNING, LH
UH1 - INDICATOR SEAT BELT WARNING, RH	UH7 - RADIO, AM/FM STEREO W/ CD PLAYER, USB PORT & BLUETOOTH AUDIO STREAMING * USB PORT
UJ2 - OIL LIFE MONITORING SYSTEM	UJM - TIRE PRESSURE MONITOR
UPF - BLUETOOTH FOR PHONE	UQL - RESTRAINT PROVISIONS, 2 POINT
USR - USB PORT	UTJ - CONTENT THEFT ALARM, THEFT DETERRENT SYSTEM
UW6 - AUDIO SYSTEM PREMIUM SOUND	V22 - GRILLE RADIATOR, CHROME
V48 - COOLANT ENGINE MAXIMUM PROTECTION	V8D - VEHICLE STATEMENT US
VEE - BUMPER FRT BODY COLOR, FRT & RR	VHY - PROTECTOR BODY SHEET METAL, HIGH CORROSION PREVENTIVE
VIX - PLATE VEHICLE IDENTIFICATION - VISUAL (GMDAT)	VKD - FRONT LICENSE PLATE BRACKET
VMO - PANEL CENTER INSTRUMENT, GRAPHITE SILVER MET	VNU - VIN FORMAT U.S. TYPE
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 & WHEELS	WCM - ORNAMENTATION LETTERING LT
WU5 - SWITCH I/P LP DIMR	XL7 - FREQUENCIES RATING 315 MHZ, LONG DISTANCE
YG3 - ORNAMENTATION EXTR, HEAD & TAIL LAMPS, CHROME BEZEL	YG5 - ORNAMENTATION EXTR, HEAD & TAIL LAMPS, HIGH GLOSS FINISH
ZAA - TIRE, COMPACT SPARE	

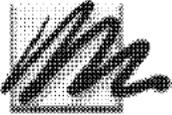
Added Option Codes

Vehicle has no current record of SAIO codes.

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rita.sanchez/Austin/GM1

04/24/2013 05:20 PM

To dan.l.oldham@gm.com

cc john.daly@gm.com

bcc

Subject 711160517173 PAC Recommended Denial BRM Approval
Required

A recent product allegation claim was made in your region. The customer alleged non deployment.

Customer Last Name [REDACTED]

2012 chevrolet Sonic

VIN 1G1JC5SH5C4 [REDACTED]

BG Of Danbury, L.L.C.

Kevin Galante

PAC is recommending *denial* to resolve the customer's claim. Please respond with your recommendation. Once we receive it, the decision will be relayed to the customer and the involved dealership.

Best wishes,
Rita Sanchez | CRS

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7401 E. Ben White Blvd, Bldg. F, Austin, TX 78741
Phone 866-790-5700 ext. 41345 | 866-857-3113 | www.minacs.adityabirla.com

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	[REDACTED]	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4 [REDACTED]

Inspector (First & Last Name): William L. Genovese
Number of photos: 51

Section 1. Description

<u>Photo #</u>	<u>Description Only</u>	<u>Damage (Yes/No)</u>
1	Vin Plate	No
2	Door Plate (GVWR)	No
3	Tire Plate	No
4	RPO Plate	No
5	IP Cluster / Odometer	No
6	Front (Exterior).	No
7	Passenger's Side (Exterior).	No
8	Rear (Exterior). See photo #30 for details.	Yes
9	Driver's Side (Exterior).	No
10	Windshield	No
11	Under Hood.	No
12	Left Front Wheel and Tire.	No
13	Left Rear Wheel and Tire	No
14	Right Front Wheel and Tire	No
15	Right Rear Wheel and Tire. See photo #16 for details.	Yes
16	Close Up of Right Rear Wheel Damage.	Yes
17	Driver's Side Front Door Hinge Area.	No
18	Driver's Side Front Door Striker Post.	No
19	Driver's Side Rear Door Hinge Area.	No
20	Driver's Side Rear Door Striker Post.	No
21	Passenger's Side Front Door Hinge Area.	No
22	Passenger's Side Front Door Striker Post.	No
23	Passenger's Side Rear Door Hinge Area.	No
24	Passenger's Side Rear Door Striker Post.	No
25	Undercar Photo Taken From Front of vehicle Looking Rearward.	No
26	Undercar Photo Taken From Center of Vehicle Looking Rearward.	No
27	Undercar Photo Looking Rearward at Rear Suspension.	No
28	Undercar Photo Taken From Rear of Vehicle Looking Forward.	No
29	Undercar Photo Showing Recently Replaced Right Side Lower Control Arm.	No
30	Rear Bumper Fascia. This is pre-existing damage. Customer allegedly used spray cans to re-paint rear bumper prior to incident.	Yes
31	Driver's Side Front (Interior).	No
32	Driver's Side Rear (Interior).	No
33	Passenger's Side Front (Interior).	No
34	Passenger's Side Rear (Interior).	No
35	Trunk / Cargo Area.	No
36	Spare Tire Compartment.	No
37	Driver's Side Front Seat Belt.	No
38	Driver's Side Front Seat Belt Height Adjuster.	No
39	Driver's Side Front Seat Belt Lower Anchor.	No
40	Passenger's Side Front Seat Belt.	No
41	Passenger's Side Front Seat Belt Height Adjuster.	No
42	Passenger's Side Front Seat Belt Lower Anchor.	No
43	Measurement of Moveable Passenger's Front Seat Track Position in Relation to the Stationary Base Track.	No
44	Measurement of Leading Edge of Driver's Front Seat to the Instrument Panel.	No
45	Complete Instrument Panel.	No
46	Steering Wheel Viewed from Passenger's Side.	No
47	Instrument Cluster Self Test	No
48	Instrument Cluster With Engine Running. NOTE: No warning lamps are active.	No
49	Passenger Airbag Status Lamp With Seat Unoccupied.	No
50	Passenger Airbag Status Lamp With Seat Occupied and Seat Belt Not Buckled.	No
51	Passenger Airbag Status Lamp With Seat Occupied and Seat Belt Buckled.	No

Section 2. Description and Photos

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4 ██████████

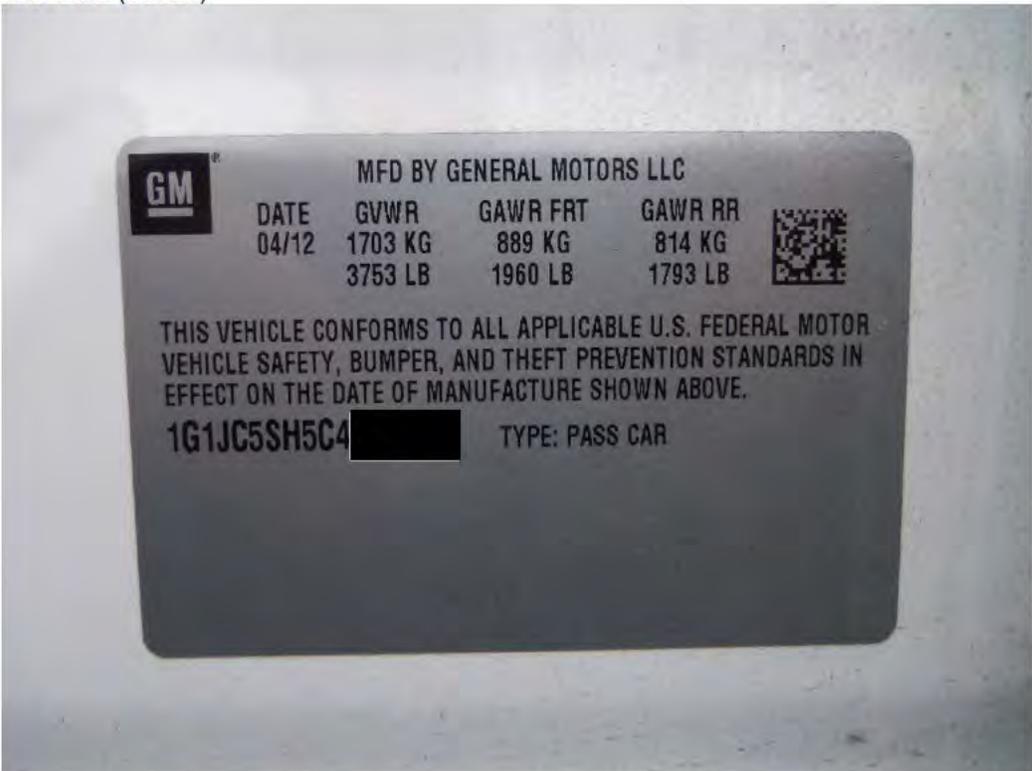
Photo #	Description / Photo	Damage (Yes/No)
1	<p>Vin Plate</p> 	No
2	<p>Door Plate (GVWR)</p> 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

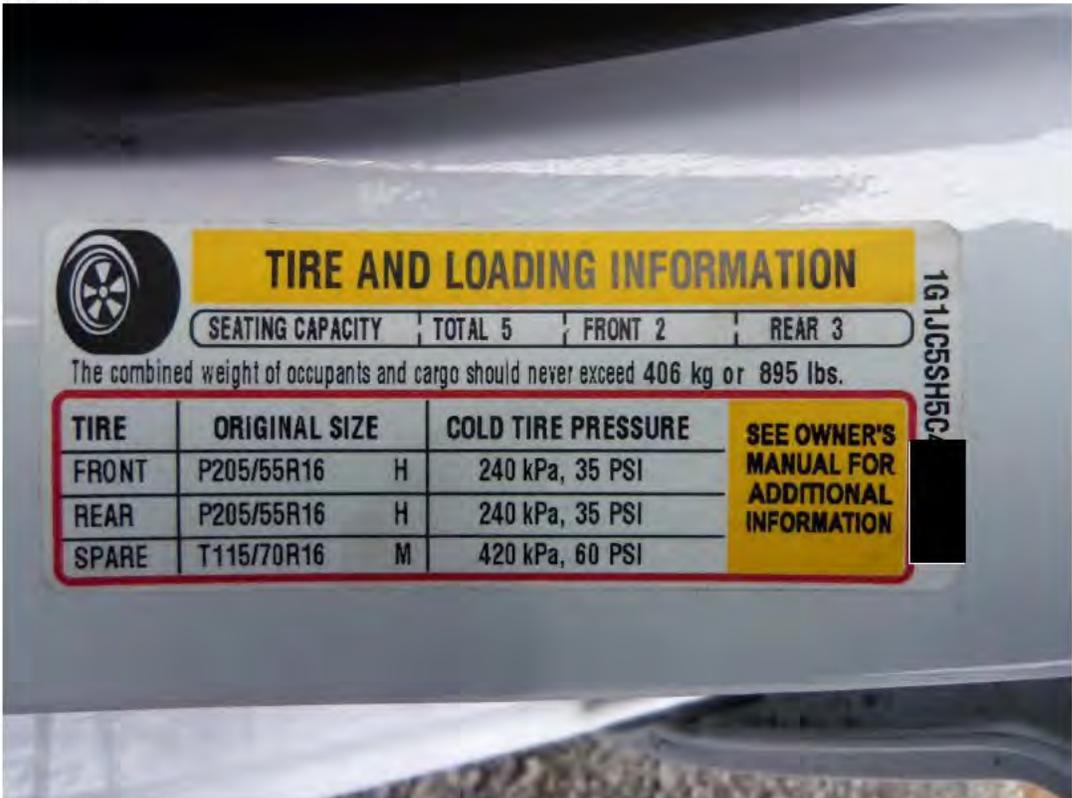
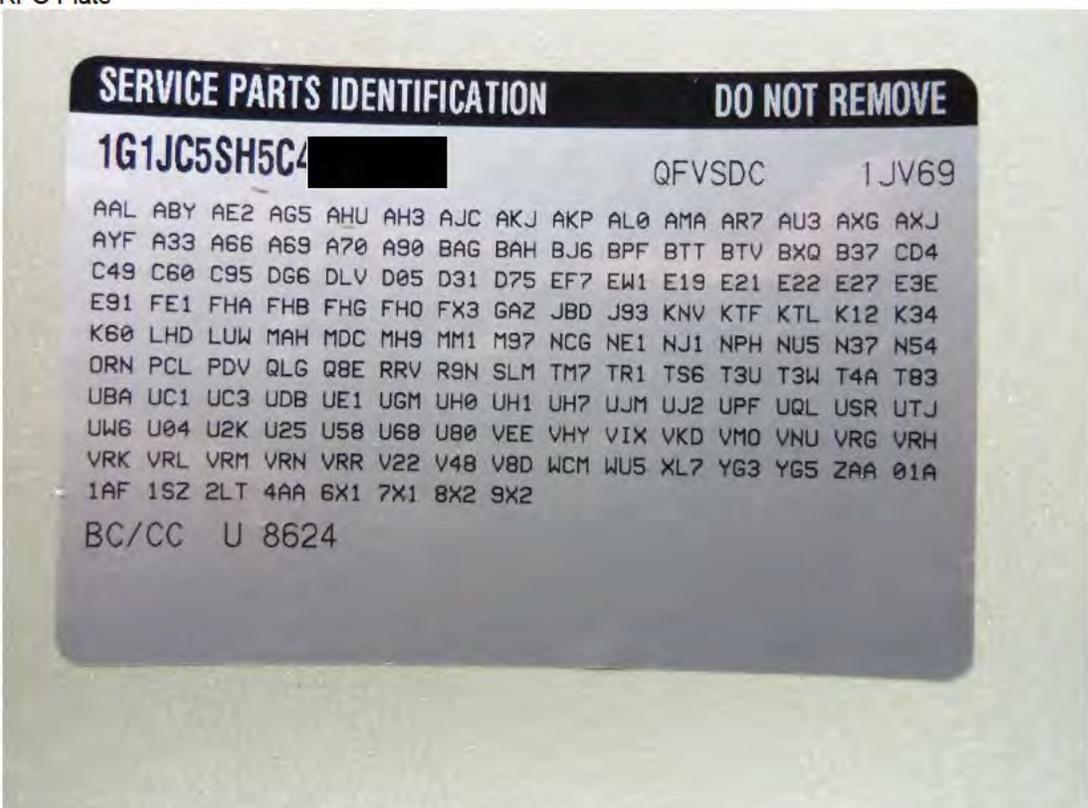
Photo #	Description / Photo	Damage (Yes/No)													
3	<p>Tire Plate</p>  <table border="1" data-bbox="267 724 1128 913"> <thead> <tr> <th>TIRE</th> <th>ORIGINAL SIZE</th> <th>COLD TIRE PRESSURE</th> <th rowspan="4">SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION</th> </tr> </thead> <tbody> <tr> <td>FRONT</td> <td>P205/55R16 H</td> <td>240 kPa, 35 PSI</td> </tr> <tr> <td>REAR</td> <td>P205/55R16 H</td> <td>240 kPa, 35 PSI</td> </tr> <tr> <td>SPARE</td> <td>T115/70R16 M</td> <td>420 kPa, 60 PSI</td> </tr> </tbody> </table>	TIRE	ORIGINAL SIZE	COLD TIRE PRESSURE	SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION	FRONT	P205/55R16 H	240 kPa, 35 PSI	REAR	P205/55R16 H	240 kPa, 35 PSI	SPARE	T115/70R16 M	420 kPa, 60 PSI	No
TIRE	ORIGINAL SIZE	COLD TIRE PRESSURE	SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION												
FRONT	P205/55R16 H	240 kPa, 35 PSI													
REAR	P205/55R16 H	240 kPa, 35 PSI													
SPARE	T115/70R16 M	420 kPa, 60 PSI													
4	<p>RPO Plate</p>  <p>SERVICE PARTS IDENTIFICATION DO NOT REMOVE</p> <p>1G1JC5SH5C4██████████ QFVSDC 1JV69</p> <p>AAL ABY AE2 AG5 AHU AH3 AJC AKJ AKP AL0 AMA AR7 AU3 AXG AXJ AYF A33 A66 A69 A70 A90 BAG BAH BJ6 BPF BTT BTU BXQ B37 CD4 C49 C60 C95 DG6 DLV D05 D31 D75 EF7 EW1 E19 E21 E22 E27 E3E E91 FE1 FHA FHB FHG FHO FX3 GAZ JBD J93 KNV KTF KTL K12 K34 K60 LHD LUW MAH MDC MH9 MM1 M97 NCG NE1 NJ1 NPH NUS N37 N54 ORN PCL PDV QLG Q8E RRV R9N SLM TM7 TR1 TS6 T3U T3W T4A T83 UBA UC1 UC3 UDB UE1 UGM UH0 UH1 UH7 UJM UJ2 UPF UQL USR UTJ UW6 U04 U2K U25 U58 U68 U80 VEE VHY VIX VKD VMO VNU VRG VRH VRK VRL VRM VRN VRR V22 V48 V8D WCM WU5 XL7 YG3 YG5 ZAA 01A 1AF 1SZ 2LT 4AA 6X1 7X1 8X2 9X2</p> <p>BC/CC U 8624</p>	No													

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

Photo #	Description / Photo	Damage (Yes/No)
5	IP Cluster / Odometer 	No
6	Front (Exterior). 	No

Phot		[REDACTED]	
[REDACTED]	[REDACTED]	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4 [REDACTED]

Photo #	Description / Photo	Damage (Yes/No)
7	Passenger's Side (Exterior). 	No
8	Rear (Exterior). See photo #30 for details. 	Yes

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

Photo #	Description / Photo	Damage (Yes/No)
9	Driver's Side (Exterior). 	No
10	Windshield 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	██████████	██████████
██████████	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

Photo #	Description / Photo	Damage (Yes/No)
11	<p>Under Hood.</p> 	No
12	<p>Left Front Wheel and Tire.</p> 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

Photo #	Description / Photo	Damage (Yes/No)
13	<p>Left Rear Wheel and Tire</p>  <p>A photograph of the left rear wheel of a white vehicle. The wheel is a silver alloy with a multi-spoke design. A yellow sticky note is attached to the center of the wheel with the handwritten text 'L/R'. The tire is black and appears to be in good condition. The background shows the white body of the car and a concrete floor.</p>	No
14	<p>Right Front Wheel and Tire</p>  <p>A photograph of the right front wheel of a white vehicle. The wheel is a silver alloy with a multi-spoke design. A yellow sticky note is attached to the center of the wheel with the handwritten text 'R/F'. The tire is black and appears to be in good condition. The background shows the white body of the car and a concrete floor.</p>	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
15	Right Rear Wheel and Tire. See photo #16 for details. 	Yes
16	Close Up of Right Rear Wheel Damage. 	Yes

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C██████████

Photo #	Description / Photo	Damage (Yes/No)
17	Driver's Side Front Door Hinge Area. 	No
18	Driver's Side Front Door Striker Post. 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

Photo #	Description / Photo	Damage (Yes/No)
19	Driver's Side Rear Door Hinge Area. 	No
20	Driver's Side Rear Door Striker Post. 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
21	Passenger's Side Front Door Hinge Area. 	No
22	Passenger's Side Front Door Striker Post. 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
23	Passenger's Side Rear Door Hinge Area. 	No
24	Passenger's Side Rear Door Striker Post. 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
25	Undercar Photo Taken From Front of vehicle Looking Rearward. 	No
26	Undercar Photo Taken From Center of Vehicle Looking Rearward. 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

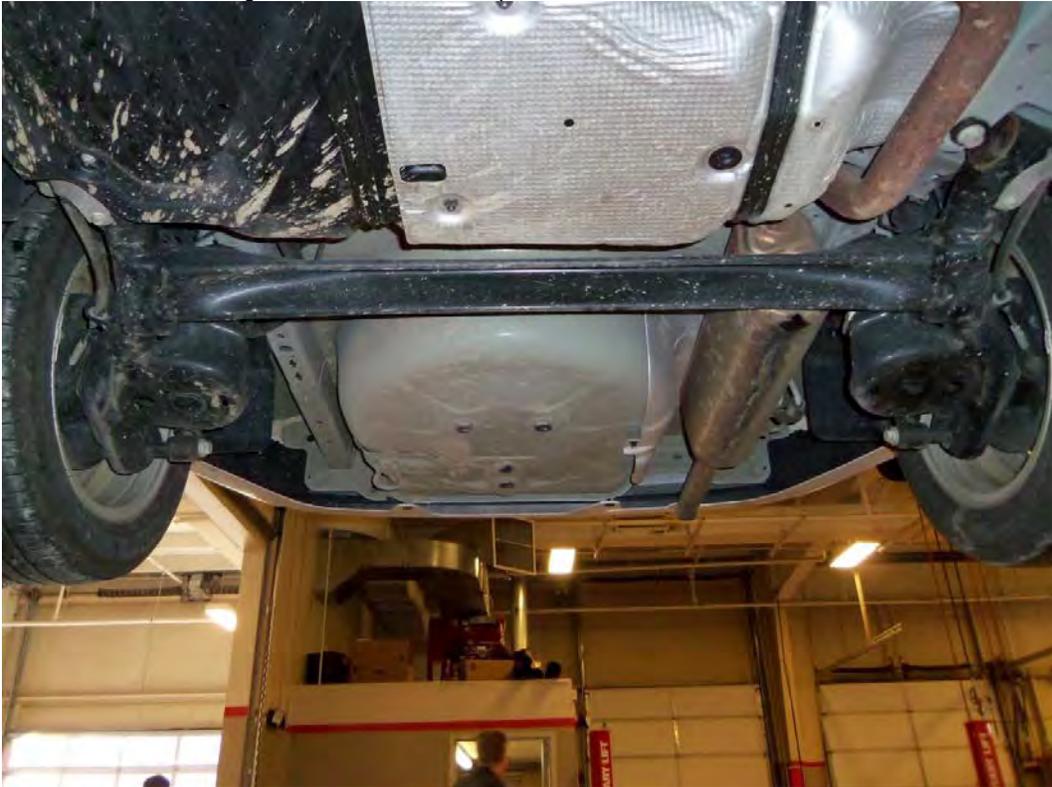
Photo #	Description / Photo	Damage (Yes/No)
27	<p>Undercar Photo Looking Rearward at Rear Suspension.</p>  <p>This photograph shows the rear underside of a white vehicle. The view is from the rear, looking forward towards the front of the car. The rear suspension components, including the rear axle, control arms, and shock absorbers, are clearly visible. The exhaust system runs along the center of the chassis. The rear bumper and the lower portion of the rear body panels are also in view. The vehicle is parked on a lift in a well-lit garage.</p>	No
28	<p>Undercar Photo Taken From Rear of Vehicle Looking Forward.</p>  <p>This photograph shows the rear underside of the same white vehicle, taken from a slightly different angle than photo 27. It is taken from the rear of the vehicle looking forward. The rear bumper is at the top of the frame. Below it, the rear cross-member and the rear suspension are visible. The exhaust system and the lower chassis components are clearly shown. The vehicle is on a lift in a garage.</p>	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

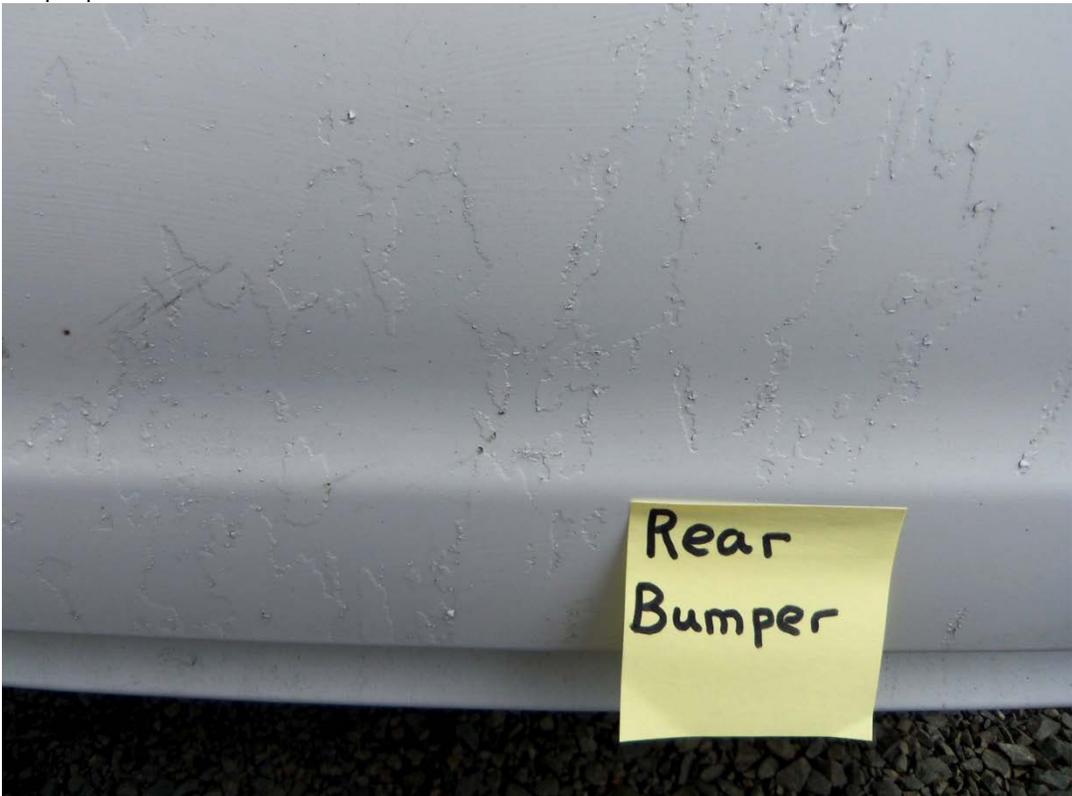
Photo #	Description / Photo	Damage (Yes/No)
29	<p>Undercar Photo Showing Recently Replaced Right Side Lower Control Arm.</p> 	No
30	<p>Rear Bumper Fascia. This is pre-existing damage. Customer allegedly used spray cans to re-paint rear bumper prior to incident.</p> 	Yes

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

Photo #	Description / Photo	Damage (Yes/No)
31	Driver's Side Front (Interior). 	No
32	Driver's Side Rear (Interior). 	No

Phot		[REDACTED]	
[REDACTED]	[REDACTED]	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4 [REDACTED]

Photo #	Description / Photo	Damage (Yes/No)
33	Passenger's Side Front (Interior). 	No
34	Passenger's Side Rear (Interior). 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

Photo #	Description / Photo	Damage (Yes/No)
35	<p>Trunk / Cargo Area.</p> 	No
36	<p>Spare Tire Compartment.</p> 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

Photo #	Description / Photo	Damage (Yes/No)
37	Driver's Side Front Seat Belt. 	No
38	Driver's Side Front Seat Belt Height Adjuster. 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
39	Driver's Side Front Seat Belt Lower Anchor. 	No
40	Passenger's Side Front Seat Belt. 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

Photo #	Description / Photo	Damage (Yes/No)
41	Passenger's Side Front Seat Belt Height Adjuster. 	No
42	Passenger's Side Front Seat Belt Lower Anchor. 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

Photo #	Description / Photo	Damage (Yes/No)
43	<p>Measurement of Moveable Passenger's Front Seat Track Position in Relation to the Stationary Base Track.</p> 	No
44	<p>Measurement of Leading Edge of Driver's Front Seat to the Instrument Panel.</p> 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

Photo #	Description / Photo	Damage (Yes/No)
45	<p>Complete Instrument Panel.</p>  <p>The photograph shows the front interior of a 2012 Chevrolet Sonic. The view is from the driver's side, looking towards the center console and instrument panel. The steering wheel features the Chevrolet logo. The instrument panel includes a speedometer and tachometer. The center console has a radio and climate controls. A 'Thank You' sign is visible on the windshield, and a GMC vehicle is parked outside. A Delco-branded bag is on the passenger seat.</p>	No
46	<p>Steering Wheel Viewed from Passenger's Side.</p>  <p>The photograph shows the front interior of the vehicle from the passenger's side. The steering wheel is the primary focus, showing its four-spoke design and Chevrolet logo. The dashboard, center console, and passenger seat are also visible. A white storage container with the number '185' is seen through the passenger window. A Delco-branded bag is on the passenger seat.</p>	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

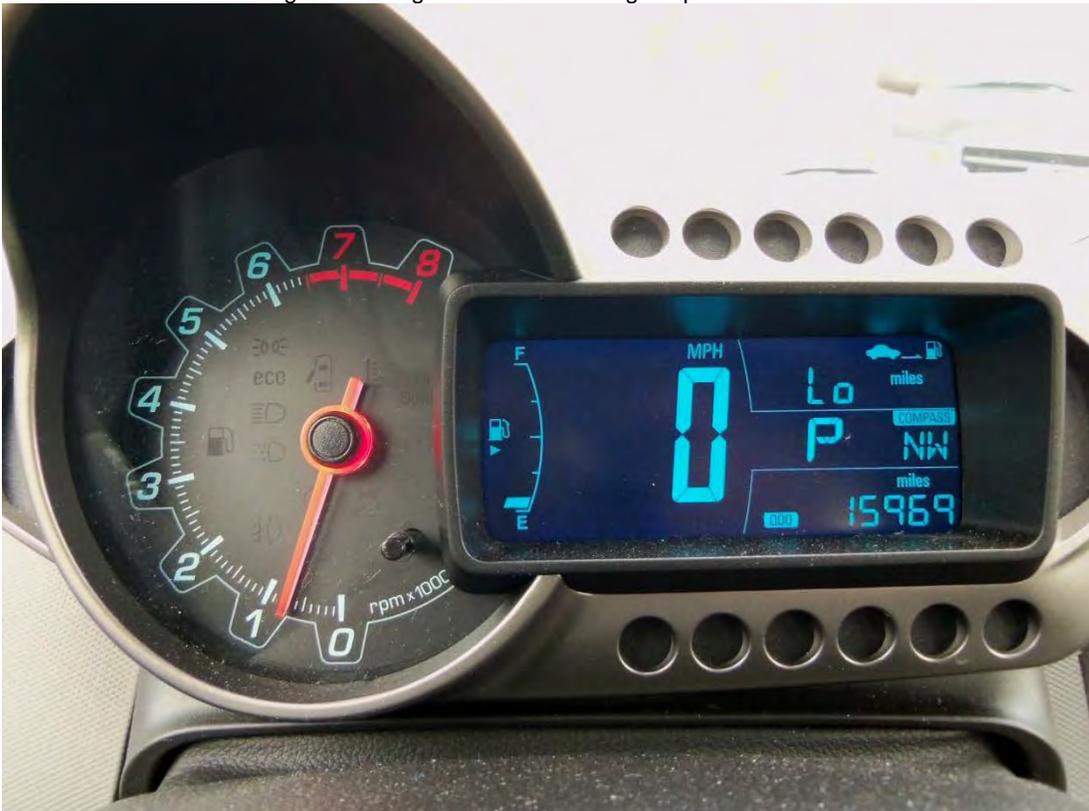
Photo #	Description / Photo	Damage (Yes/No)
47	Instrument Cluster Self Test 	No
48	Instrument Cluster With Engine Running. NOTE: No warning lamps are active. 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

Photo #	Description / Photo	Damage (Yes/No)
49	Passenger Airbag Status Lamp With Seat Unoccupied.  A close-up photograph of the passenger airbag control panel. The panel is silver and black. It features a red triangular hazard light button on the left, a circular button with a car icon, and a central rotary knob. The main control area is a black rectangular button with 'PASSENGER AIR BAG' printed on it. Below this text, the word 'OFF' is illuminated in yellow. To the right of the 'OFF' text is a small icon of a person with a red 'X' over it, indicating the airbag is deactivated.	No
50	Passenger Airbag Status Lamp With Seat Occupied and Seat Belt Not Buckled.  A close-up photograph of the passenger airbag control panel, similar to the previous one. In this image, the word 'ON' is illuminated in yellow, and the airbag icon (a person with arms outstretched) is also illuminated in yellow. The 'OFF' text and the red 'X' icon are not lit.	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
51	<p>Passenger Airbag Status Lamp With Seat Occupied and Seat Belt Buckled.</p> 	No

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.1

Customer's last name:	[REDACTED]	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
Case #:	71-1160517173	VIN:	1G1JC5SH5C4 [REDACTED]

- The windshield was cracked during the incident but was replaced prior to the vehicle inspection. See attached body shop records.
- The rear bumper was damaged in a prior incident and according to the body shop manager was painted by the vehicle owner using spray cans. See photo #30 of the photo log.
- There is impact damage to the right rear wheel. According to the body shop manager, this damage occurred after the body repairs were performed as any wheels that were damaged in the incident were repaired. See photo #16 of the photo log as well as attached body shop repair records.
- There are no current or history DTCs in any vehicle systems. See attached GDS file.
- CDR data indicates the incident was a non-deployment event. See attached CDR files.

Section 2 INTERVIEW – INCIDENT DETAILS

Interviewee name:	[REDACTED]
Address:	[REDACTED], New Milford, CT [REDACTED]
Phone number:	[REDACTED]
Date of interview:	4/08/2013
Interview mode: (Telephone or in person)	Telephone

Police report? Yes No
 Fire report? Yes No

Driver's Physical Description

Name:	Kyle Bowers
Gender:	Male
Height:	6' 1"
Weight:	190 lbs
Disabilities:	None

Driver's Trip Information

Hours	Minutes	Distance	Driver's Estimated Speed
	15	8 - 10	40 m.p.h.

Exact incident location: Exiting off exit 21 from Interstate 84 onto Peach Lake Road in Brewster, NY	Exact incident date & time: 03/03/2013 @ 8 a.m.
Weather condition & visibility: Clear and dry.	Approximate temp (°F): low 30's

Was there a collision? Yes No

Were there any other occupants in the vehicle at the time of the incident? Yes No

Occupant's Information (If Applicable)

Name:	Anthony Cervone
Gender:	Male
Height:	5' 10"
Weight:	150 lbs.
Age:	25

Name:	
Gender:	
Height:	
Weight:	
Age:	

Where were the other occupants seated?

Front Row: Right Front Front Center
 Second Row: Right Rear Center Left Rear
 Third Row: Right Rear Center Left Rear

ALLEGATION THAT FRONT PASSENGER AIRBAG "DID NOT DEPLOY" IN A COLLISION

Complete this section if the customer alleges the **FRONT PASSENGER** airbag did not deploy in a collision. (Effective with the MY2007 NHTSA required all vehicles to be equipped with a Passenger Presence System.) Many vehicles were equipped with this feature prior to MY2007. Check the owner's manual and labels in the vehicle. The following information may be useful in evaluating those concerns.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.1

Customer's last name:		Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
Case #:	71-1160517173	VIN:	1G1JC5SH5C4 [REDACTED]

If transfer marks are present, please provide: Age Height (feet & inches) Weight (lbs)

Note: For details on the front passenger's name and physical description please refer to Section 2.

Record and photograph the passenger seat position measurement.

Seat track position: Inches .75

Measure the moveable track position in relation to the stationary base of the track at the front. Is the track forward of, or back from the base?

<input type="text"/> Forward of	<input checked="" type="checkbox"/> Back from
---------------------------------	---

Photograph the measurement.

Driver seat position and its distance to the IP: 10.50 Inches

NOTE: Being the incident occurred more than a month prior to the inspection, it is not known if the seat positions are where they were at during the time of the incident.

NOTE: THE FOLLOWING TEST WILL NOT WORK IF THE DOWNLOAD IS TAKEN DIRECTLY FROM THE SDM. RECONNECT SDM TO VEHICLE HARNESS TO PERFORM THE TEST. Take photos for documentation.

Perform the following check for vehicles equipped with a passenger airbag status indicator. NOTE: For some vehicles the key must be in the "on", or "run" position to perform the check.

Observe the PASSENGER airbag status indicator. Is the passenger airbag system "ON"? Yes No

Sit in the passenger seat and observe the status indicator. Is the passenger airbag system "ON"? Yes No

Note: See photos #49 – 52 of the photo log.

Photograph the seat cover and cushion

Photograph any signs of the RF seat occupant contact with the I/P or other interior area.

If the vehicle is a truck or a car trailering cargo at the time of the incident, estimate total weight of cargo and trailer	
Load description:	(lbs)

Any objects in the road? Yes No

If yes, describe: Deer

Did vehicle leave the roadway? Yes No

If yes, what was impacted? Note: Guard rail was impacted before vehicle could leave roadway.

Was there any evasive action? Turning Braking Accelerating Other:

Road Surface:	<input checked="" type="checkbox"/> Concrete	<input type="checkbox"/> Asphalt	<input type="checkbox"/> Gravel	<input type="checkbox"/> Crushed Rock	<input type="checkbox"/> Dirt
Road Condition:	<input checked="" type="checkbox"/> Dry	<input type="checkbox"/> Wet	<input type="checkbox"/> Icy	<input type="checkbox"/> Other: <input type="text"/>	
Shoulder/Curb Condition:	<input checked="" type="checkbox"/> Dry	<input type="checkbox"/> Wet	<input type="checkbox"/> Icy	<input type="checkbox"/> Other: <input type="text"/>	<input type="checkbox"/> Dirt
Select One---->	<input checked="" type="checkbox"/> Shoulder	<input type="checkbox"/> Curb			

Any unusual noises (bang, pop, tick, grinding, metallic, roar, etc.)? Yes No

If Yes, from where?

Prior to or after the incident, were there any warning lights on, or messages displayed on the Driver's Information Center? Yes No

If Yes, what indicator?

Has this condition been observed prior to this incident? Yes No

If yes, how often?

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.1

Customer's last name:	[REDACTED]	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
Case #:	71-1160517173	VIN:	1G1JC5SH5C4 [REDACTED]

Was the repair facility contacted regarding this concern?

<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/> Yes	<input type="checkbox"/> No

Is an invoice for the repair available?

If Yes, what was the outcome?

Additional comments concerning the incident:

Section 3

VEHICLE HISTORY

---Obtain information for this section from Driver / Claimant---

If any information for this section is obtained from anyone other than the claimant, provide the name, address, phone number and relationship, if any, to the claimant

Name:	[REDACTED]
Address:	[REDACTED]
Phone number:	[REDACTED]
Relationship to claimant:	[REDACTED]

Did the owner purchase the vehicle new?

 Yes No

If yes, date of purchase?

07/13/2012

If purchased used, provide the name, address of the seller and data of purchase:

Name:	[REDACTED]
Address:	[REDACTED]
Date of purchase:	[REDACTED]

VEHICLE REPAIR / SERVICE HISTORY

If the answer is "Yes" to any of the following three questions, describe the repairs. Obtain copies of the repair order(s) if possible, and document the name of the service facility, its address, and telephone number.

Any repairs outside of warranty?

 Yes No

If yes, provide dates, descriptions of the repair(s) and repair invoices if possible:

Date	Repair Description / By Whom?

Prior electrical system service?

 Yes No

If yes, provide the following:

Date	Description

Prior collision repair?

 Yes No

If yes, provide the following:

Date	Description

Prior SIR and/or seat belt service, repair, or replacement?

 Yes No

If yes, provide the following:

Date	Description

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.1

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
Case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

VEHICLE MODIFICATIONS / ALTERATIONS

Ask if there are any vehicle modifications or alterations present, and has any after-market equipment been installed? Remember that if the vehicle has been pre-owned, the current owner may not know of any/all changes to the vehicle.

<input type="checkbox"/> Remote Start	<input type="checkbox"/> Suspension	<input type="checkbox"/> Tires/Wheels	<input type="checkbox"/> Turbo	<input type="checkbox"/> Aftermarket Exhaust
<input type="checkbox"/> Body Modifications	<input type="checkbox"/> Towing Equip.	<input type="checkbox"/> Security Alarm	<input type="checkbox"/> Wiring	<input type="checkbox"/> Headers
<input type="checkbox"/> Unknown				

If yes, describe component, who installed it, and capture photos:

No modifications.

Other vehicle history information from interview, GM Warranty, or Dealership history files?

Yes

No

If Yes, describe & make copies:

GM History.
Dealership Records.
Body shop photos and records of repairs after incident.

Section 4

VEHICLE / SYSTEM INSPECTION

---Note---

Do Not "Clear Codes" from any on board module(s)

Inspector's Note #2: Vehicle has no current or history DTC's in any systems. See attached GDS scan.

Use the scan tool to capture all diagnostic trouble codes (current or history), and photograph the screens (if a scan tool was used).

DTC	Symptom	Description	Current	History

AIRBAG LIGHT FUNCTIONAL TEST RESULTS:

Airbag warning light came "ON" with the ignition key, blinked several times and went "OUT"?

Yes

Airbag warning light came "ON" with the ignition key, blinked several times and stayed "ON"?

Yes

Describe any other results: Airbag warning light came on with key then turned off after several seconds. No blinking occurred.

Turn on ignition, observe seat belt light. On?

Yes

No

Buckle driver's seat belt. Seat belt light on?

Yes

No

When sitting in the passenger seat, does the passenger seat belt warning light (if equipped), illuminate when the belt is not buckled and go "OFF" when it is buckled?

Yes

No

SDM Crash Data Collection:

Describe and photograph any evidence that the passenger compartment may have had moisture intrusion or the SDM has incurred any damage due to moisture/corrosion. Visually inspect the carpet and floor pan for moisture and the SDM electrical connector male and female ends for signs of corrosion. If the SDM is mounted under a seat, visually inspect for any foreign objects that could affect the airbag system operation and, if found, inspect the area very carefully. Photograph as needed.

If the vehicle is equipped with roll-over protection, download the ROS data after downloading the CDR data. (See ROS Coverage document to determine whether vehicle is supported, and/or observe the icons on the function bar on the CDR screen.) SUV-type vehicles may have roll-over protection. An "Airbag" name will be embossed on the trim at the A and possibly B pillars of the vehicle.

NOTE: Some vehicles do not require the ignition key to be in the ignition "on" position in order to download the data

- OBTAIN DERM/SDM DOWNLOADS FOR ALL INADVERTENT DEPLOYMENT ALLEGATIONS
- IF POSSIBLE, AVOID CYCLING THE IGNITION KEY ON/OFF PRIOR TO OBTAINING THE DOWNLOAD

R006 [REDACTED] Systems / SIR / Seat Belts Preliminary Inspection v2.1			
Customer's last name:	[REDACTED]	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
Case #:	71-1160517173	VIN:	1G1JC5SH5C4 [REDACTED]

- PHOTOS OF THE CDR SCREEN ARE REQUIRED TO SHOW ANY ERROR MESSAGES

NOTE: Save the raw CDR and ROS files, and then a PDF files. Submit all files with report.

Was the CDR download available? Yes No

If "No", describe:

How was download obtained? ALDL / DLC Directly from module using adapter harness w/ Bosch CDR

If the download was obtained directly from the module, was the module removed from the vehicle? Yes No

If removed from the vehicle, describe and photograph the conditions under which the module was mounted when the download was obtained:

FRONT AREA: Describe any damage to the front of the vehicle. Observe and photograph whether the hood is opened, if it contacted or penetrated the windshield, and the location of the contact.

None present at time of inspection.

Note: Vehicle was repaired prior to inspection.

See customer supplied post accident photo and body shop repair photos and records.

LEFT SIDE EXTERIOR: Describe any damage to the door(s) and other body panels. Determine whether any door opened as a result of the impact. If so, photograph the latch, striker and the hinges.

None present at time of inspection.

Note: Vehicle was repaired prior to inspection.

See customer supplied post accident photo and body shop repair photos and records.

See photos #17 - 20 for hinge and striker details.

RIGHT SIDE EXTERIOR: Describe any damage to the door(s) and other body panels. Determine whether any door opened as a result of the impact. If so, photograph the latch, striker and the hinges.

None present at time of inspection.

Note: Vehicle was repaired prior to inspection.

See customer supplied post accident photo and body shop repair photos and records.

See photos #21 - 24 for hinge and striker details.

REAR AREA: Describe any damage to the rear of the vehicle. Observe and photograph whether the deck lid or rear hatch opened and note if the spare tire separated from the vehicle.

The vehicle has pre-existing damage to the rear bumper fascia. This damage is not related to the claim. According to body shop manager, the bumper was painted by the vehicle owner using spray cans. See photo #30 of the photo log.

ROOF / ROOF STRUCTURE: Describe any damage to the roof of the vehicle. Note if any convertible tops or removable roof panels did not remain attached, and photograph the latches.

None present at time of inspection.

Note: The vehicle was repaired prior to inspection. No indications of any roof / roof structure repairs.

UNDERBODY / FRAME / CHASSIS AREA: The underbody should be carefully inspected and any damage to the underside of the vehicle completely described. Note the condition of the bumpers, frame, suspension, tires, wheels, & engine mount(s)/cross member. Briefly describe any damage or signs of impact to areas of the underbody and provide photos in the photo log.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.1			
Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
Case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

None present at time of inspection. See photos #25 – 28 for details.
 Note: Right front lower control arm was replaced after incident. See photo #29 of the photo log and attached repair records.
 Inspection revealed no other indications of any undercar damage.

SIDE IMPACT INSPECTION

NOTE: Not applicable to the allegation. No side impact or intrusion. See photos #17 – 24 of the photo log.

Identify and photograph the following items:

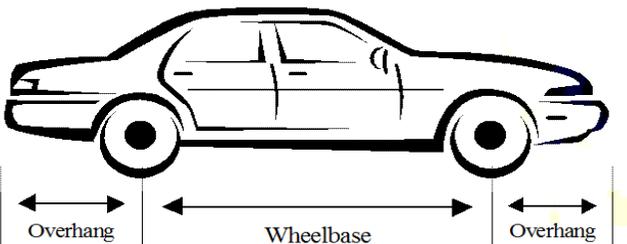
1. Door hinges on struck side damaged?
2. Door hinges on struck side separated?
3. Damage to striker/latch system?
4. Any rubber or paint transferred to the subject vehicle?
5. Damage from extrication tools (Jaws of Life)?
6. Separation of sheet metal along weld seams (doors, rocker panels, etc...)?
7. Side door beam damaged? (Photos if possible)
8. Side beam welds separated? (Photos if possible)
9. Interior door trim damaged?
10. Interior roof trim damaged near door opening?

<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

Identify and photograph the following (note the “non-struck” items):

1. Hinges on “non-struck” side
2. Latch/striker on “non-struck” side
3. Door trim on “non-struck” side
4. Headliner / roof trim on “non-struck” side
5. Overhead view (if possible)
6. Underbody, front & rear suspension
7. Striking vehicle
8. Any other vehicles involved

STRUCTURAL DEFORMATION/CRUSH AREAS



Left Rear Rt. Rear



Left Front Rt. Front

Please check all that apply:

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.1			
Customer's last name:	[REDACTED]	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
Case #:	71-1160517173	VIN:	1G1JC5SH5C4 [REDACTED]

Type of impact(s)? Frontal Side Rear Rollover Other:

The following dimensions should be obtained as they are important in determining the magnitude of the impact to the vehicle. See diagram for definitions of overhang. Do not report "No Change" in this section.

All values in inches:

Driver side wheelbase	<input type="text"/>	Passenger side wheelbase	<input type="text"/>
Driver side front overhang	<input type="text"/>	Passenger side front overhang	<input type="text"/>
Driver side rear overhang	<input type="text"/>	Passenger side rear overhang	<input type="text"/>

Maximum depth of crush (Inches):	<input type="text"/>	Front	<input type="text"/>	Driver's side	<input type="text"/>
	<input type="text"/>	Rear	<input type="text"/>	Passenger's side	<input type="text"/>
	<input type="text"/>	Roof	<input type="text"/>		

Additional comments regarding exterior damage:

NOTE: No deformation of the wheel base or passenger compartment. See attached body shop photos and records. Vehicle was repaired prior to inspection.

PRIOR DAMAGE

Document and photograph any damage that appears to have been present prior to this incident:

Vehicle has pre-existing damage to the rear bumper fascia. This damage is not related to the claim. See photo #30 of the photo log.
Does customer allege non-deployment of side airbags or roof rail airbags? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

NOTE: Complete the following if the customer allegation involves NON DEPLOYMENT of the side impact airbags or roof rail airbags. Otherwise leave the remaining portion of section blank. Identify and photograph the following items:

Inspector's Note #3: The inquiries below are not applicable to the allegation.

Door hinges on struck side damaged?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Door hinges on struck side separated?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Damage to striker/latch system?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Any rubber or paint transferred to the subject vehicle?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Damage from extrication tools (e.g. jaws of life)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Separation of sheet metal along weld seams (doors, rocker panels, etc...)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Side door beam damaged? (Photos if possible)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Side beam welds separated (Photos if possible)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Interior door trim damaged?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Interior roof trim damaged near door opening?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

Additional comments:

--

Photograph the following:

Hinges on non-struck side	<input type="checkbox"/>	Overhead view (if possible)	<input type="checkbox"/>
Latch/striker on non-struck side	<input type="checkbox"/>	Door trim on non-struck side	<input type="checkbox"/>
Underbody, front & rear suspension	<input type="checkbox"/>	Headliner / roof trim on non-struck side	<input type="checkbox"/>
Striking vehicle (If available)	<input type="checkbox"/>	Any other vehicles involved (if possible)	<input type="checkbox"/>

INTERIOR INSPECTION (Photograph the side view of the steering wheel and column, the interior, and deployed airbags)

Interior reduced in size?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Where:
Intrusion by an external object?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Loose objects inside?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Cowl deformed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Floorpan / Toe pan deformed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Headliner / visors damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Inside rear-view mirror damaged	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.1			
Customer's last name:		Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
Case #:	71-1160517173	VIN:	1G1JC5SH5C4

Door trim damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Steering column displaced?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Steering column capsule bracket displaced?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Control knobs/ levers damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Accelerator/brake pedals deformed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Instrument panel damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Lower IP/Kneed bolster damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:

If any of the following are "Yes", capture photographs

Driver front airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger front airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Driver side airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger side airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Driver roof rail airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger roof rail airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Other? (pretensioners, etc.)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Other:

Windshield (W/S) damaged? Yes No

If Yes? Cracked Broken (Top inner layer) Damaged by occupant contact

W/S separated from vehicle? Yes No % (Approx.) Approximate % of perimeter separation

Inspector's Note #4: The windshield was replaced at body shop prior to inspection of vehicle. See attached body shop records.

Steering wheel damaged? Yes No

If Yes: Rim Hub

If yes, describe? _____

If applicable, indicate the "clock" position of damage to the steering wheel: o'clock

(NOTE: The top of the steering wheel assembly is 12 o'clock, regardless if the wheel itself is turned.)

Tilt steering wheel? Yes No

If yes, position? Low Med High

Telescoping steering wheel? Yes No

If yes, position? Forward Middle Rearward

IF THERE WERE ANY TRANSFER MARKS PRESENT ON THE STEERING WHEEL, PHOTOGRAPH THEM

Were transfer marks present (clothing, makeup, etc.)? No Yes

If yes, describe? _____

If the SDM is located under a seat, **visually** inspect for foreign objects and water intrusion that could damage the module or its wiring. If any exist, remove the seat and conduct a more extensive examination of the area. Describe findings and photograph.

Any signs of water intrusion? Yes No

If yes, describe: _____

SEAT INSPECTION (Photograph damaged areas)

Type of front seat? Bucket Bench 50/50 Split Bench 60/40 Split Bench

DRIVER'S SEAT INFORMATION

Seat damage? Yes No

If Yes, location? Seat bottom Backrest Headrest

Seatback struck by rear occupant? Yes No

If yes, describe: _____

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.1			
Customer's last name:		Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
Case #:	71-1160517173	VIN:	1G1JC5SH5C4

RIGHT FRONT PASSENGER SEAT INFORMATION

Seat damage? Yes No

If Yes, location? Seat bottom Backrest Headrest

Seatback struck by rear occupant? Yes No

If yes, describe: _____

Additional info regarding seat damage (Front or rear): _____

WINDOW INSPECTION

Note all window conditions: The windshield was cracked in the incident but replaced when body repairs were performed prior to inspection of vehicle. No glass damage was present at time of inspection. See attached body shop records.

RESTRAINT SYSTEM INSPECTION

Note: Do not "Clear Codes" from the on-board computer(s)

If equipped, are the pretensioners activated / deployed? Yes No

"Alleged", SIR Unit(s):

Driver front Passenger front Driver side (door/seat) Passenger side (door/seat)

Driver knee bag Passenger knee bag Roof rail airbag(s) Other: _____

Driver Pretensioner Passenger Pretensioner

Actual Deployed SIR(s):

Driver front Passenger front Driver side (door/seat) Passenger side (door /seat)

Driver knee bag Passenger knee bag Roof rail airbag(s) Other: None

Driver pretensioner Passenger pretensioner

INSPECT SIR WIRING and SENSORS (IF VISIBLE)

SIR wiring damaged? Yes No Describe: _____

SIR sensors damaged / disconnected? Yes No Describe: _____

If any airbag(s) deployed was it the:

Driver front airbag

Bag material cut / torn? Yes No Describe: _____

Transfer marks present (makeup, clothing, etc.) Yes No Describe: _____

Passenger front airbag

Bag material cut / torn? Yes No Describe: _____

Transfer marks present (makeup, clothing, etc.) Yes No Describe: _____

Driver side airbag

Bag material cut / torn? Yes No Describe: _____

Transfer marks present (makeup, clothing, etc.) Yes No Describe: _____

Passenger side airbag

R006			
Vehicle brand:	Chevrolet	Inspection date:	04/11/2013
Case #:	71-1160517173	Year/Model:	2012 / Sonic
		VIN:	1G1JC5SH5C4

Bag material cut / torn? Yes No Describe: _____
 Transfer marks present (makeup, clothing, etc.) Yes No Describe: _____

Roof rail airbag

Bag material cut / torn? Yes No Describe: _____
 Transfer marks present (makeup, clothing, etc.) Yes No Describe: _____

SDM Crash Data Collection:

Describe and photograph any evidence that the passenger compartment may have had moisture intrusion or the SDM has incurred any damage due to moisture/corrosion. Visually inspect the carpet and floor pan for moisture and the SDM electrical connector male and female ends for signs of corrosion. If the SDM is mounted under a seat, visually inspect for any foreign objects that could affect the airbag system operation and, if found, inspect the area very carefully. Photograph as needed.

If the vehicle is equipped with roll-over protection, download the ROS data after downloading the CDR data. (See ROS Coverage document to determine whether vehicle is supported, and/or observe the icons on the function bar on the CDR screen.) SUV-type vehicles may have roll-over protection. An "Airbag" name will be embossed on the trim at the A and possibly B pillars of the vehicle.

NOTE: Some vehicles do not require the ignition key to be in the ignition "on" position in order to download the data

- OBTAIN SDM DOWNLOADS FOR ALL INADVERTENT DEPLOYMENT ALLEGATIONS
- IF POSSIBLE, AVOID CYCLING THE IGNITION KEY ON/OFF PRIOR TO OBTAINING THE DOWNLOAD
- PHOTOS OF THE CDR SCREEN ARE REQUIRED TO SHOW ANY ERROR MESSAGES

NOTE: Save the raw CDR and ROS files and then save them as PDF type files. Submit all .CDRx and PDF files with report.

Was the CDR download available? Yes No

If "No", describe:

How was download obtained? ALDL / DLC Directly from module using adapter harness w/ Bosch CDR

If the download was obtained directly from the module, was the module removed from the vehicle? Yes No

If removed from the vehicle, describe/photograph the conditions under which the module was mounted when the download was obtained:

RESTRAINT SYSTEM INSPECTION (SEAT BELTS)

IF A COLLISION OCCURRED, THE SEAT BELTS SHOULD BE INSPECTED FOR SEAT BELT(S) POSITIONS OF ALL OCCUPANTS AT THE TIME OF COLLISION.

Location of inspected seatbelts:

<input checked="" type="checkbox"/> Driver	<input type="checkbox"/> Center front	<input checked="" type="checkbox"/> Passenger	<input type="checkbox"/> Third Row
<input type="checkbox"/> Driver's side rear	<input type="checkbox"/> Center rear	<input type="checkbox"/> Right rear	

Photograph: The overall belt assembly (both outboard positions, even if only the driver was present in the vehicle at the time of the incident). All visible components of the seat belt system and anchor points. See photos #37 – 42 of the photo log.

If equipped, are the pretensioners activated / deployed? Yes No

NOTE: Answer the following questions for the driver's seat belt. If other seat belt positions are inspected, use the seat belt addendum to report inspection results. Identify and photograph the following items:

Is the driver's seatbelt fully retracted? Yes No

IF THE ANSWER IS NO, DO NOT DISTURB BELTS AT THIS TIME.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.1			
Customer's last name:	<input type="text"/>	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
Case #:	71-1160517173	VIN:	1G1JC5SH5C4 <input type="text"/>

Secure webbing, measure length, and show measurement in a photo: Inches

If abnormalities are seen during the following, ensure you capture measurements and photos of the damage.

Does the webbing spool in and out freely (minimal effort)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	<input type="checkbox"/> Lap	<input type="checkbox"/> Shoulder
Marks, cuts or debris present on shoulder and lap belt webbing?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Webbing energy management loops (if equipped) - stitches pulled free, unfolded, replacement/warning label exposed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Tack stitch separated from plastic sleeve?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Webbing cut?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does guide loop assembly exhibit striations, bent, or deformed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does guide loop adjuster move up and down (if equipped)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the seat belt buckle latch and unlatch?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the seat belt return to the stowed position when unbuckled?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Buckle condition (worn or foreign material present)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Any components missing?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the seat belt return to the stowed position when unbuckled?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Any post-collision damage present (e.g. rescue workers)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is the seat belt webbing cut? (If yes, photograph and record length of pieces):	<input type="text"/> Inches	

NOTE: If there were occupants in other seating positions, inspect those seating positions and report the results on the seat belt addendum. Include it with your report.

If possible, perform a dynamic "panic stop" type test with the vehicle.

Do the retractors on the belts being inspected appear to lock and hold properly? Yes No

If **No**, describe:

If vehicle is not drivable, jerk each belt inspected rapidly. (Note: Some inertia activated retractors will not lock on this test.) Did the retractors lock? Yes No

If **No**, which belts do not lock/hold?

Additional comments? **Inspector's Note #5:** Due to a lack of a passenger the passenger front seat belt was tested by rapidly jerking on the belt.

Section 5 SITE INSPECTION

Was a site inspection performed? Yes No

Comments?

NOTE: In most instances a site inspection is not required on vehicles with no damage present (e.g. claimant says they hit a pot hole...)

Posted speed where the incident occurred? (mph)

SITE INSPECTION: PERFORM THE FOLLOWING IF ADDITIONAL INFORMATION MAY BE FOUND:

- If the customer can identify the incident scene and verify tire marks, gouges in the pavement, debris, or any police marks at the scene, measure location of the items and photograph.
- Identify evidence of whether the vehicle left the road prior to, during, or after the incident. Document all locations, distances, etc...
- Identify evidence & photograph any object struck by the vehicle on or off the road prior to, during, or after incident.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.1

Customer's last name:	██████████	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
Case #:	71-1160517173	VIN:	1G1JC5SH5C4██████████

- Inspect roadway & shoulder surfaces in the area of the incident site for telltale signs of loss of control, excessive speed, severe braking, etc.

Photograph the scene and any property involved. Only factual comments should be entered in this section:

Section 6

COMMENT OVERFLOW

Please use this area for additional comments from the inspection form. Please note the section and area that the comments are continued from prior to each comment.

Section 7

OTHER REPORT INFORMATION

Check here if there was evidence of a "Fire-Related" event.

According to NHTSA, "fire" means combustion or burning of material in or from a vehicle as evidenced by flame. The term also includes, but is not limited to, thermal events and fire-related phenomena such as smoke, sparks or smoldering, but does not include events and phenomena associated with a normally functioning vehicle, such as combustion of fuel within an engine or exhaust from an engine.

Attachments: (Check all that apply)

x	Photographs	x	Data Downloads	x	Other Records
---	-------------	---	----------------	---	---------------



dan.l.oldham@gm.com
04/26/2013 08:49 AM

To: rita_sanchez@gmexpert.com
cc
bcc
Subject: Re: 711160517173 PAC Recommended Denial BRM Approval Required

Rita,
After review of the case I support the decision of Denial
Dan Oldham
Business Resource Manager
North East Region
716-807-8758
Fax: 716-693-3519
dan.l.oldham@gm.com

From: rita_sanchez@gmexpert.com
To: dan.l.oldham@gm.com
Cc: john.daly@gm.com
Date: 04/24/2013 05:22 PM
Subject: 711160517173 PAC Recommended Denial BRM Approval Required

A recent product allegation claim was made in your region. The customer alleged non deployment.

Customer Last Name [REDACTED]
2012 chevrolet Sonic
VIN 1G1JC5SH5C4 [REDACTED]
BG Of Danbury, L.L.C.
Kevin Galante

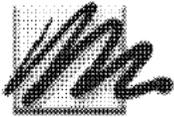
PAC is recommending *denial* to resolve the customer's claim. Please respond with your recommendation. Once we receive it, the decision will be relayed to the customer and the involved dealership.

Best wishes,
Rita Sanchez | CRS

Aditya Birla Minacs | inspired every day
7401 E. Ben White Blvd, Bldg. F, Austin, TX 78741
Phone 866-790-5700 ext. 41345 | 866-857-3113 | www.minacs.adityabirla.com

Nothing in this message is intended to constitute an electronic signature unless a specific statement to the contrary is included in this message.

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Thaddeus
Kinzer/Austin/GM1
03/13/2013 12:48 PM

To ed.gnadinger@gm.com
cc
bcc
Subject (NJ) 71-1163533109 PAR Case Handled within BRC · No
Action Required

A product allegation claim has been made in your region. The customer is alleging airbag did not deploy during a collision.

Customer: [REDACTED]
2012 Chevrolet Cruze
1G1PF5SC7C7 [REDACTED]
Dealership: no dealer involved
Dealership Contact: n/a

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

If you have further questions, please contact Customer Relationship Specialist Thaddeus at 866-790-5700 x41039, or by fax at 866-775-9477. You may also contact the Business Resource Center at 800-231-1841, Monday through Friday between 8:00 am and 5:00 pm, Eastern Time. Please refer to the service request number above.

Sincerely,

General Motors

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	1G1PF5SC7C7
User	
	71-1163533109
EDR Data Imaging Date	03/20/2013
Crash Date	03/03/2013
Filename	1G1PF5SC7C7 ACM.CDRX
Saved on	Wednesday, March 20 2013 at 12:18:40
Collected with CDR version	Crash Data Retrieval Tool 10.1
Reported with CDR version	Crash Data Retrieval Tool 10.1
EDR Device Type	Airbag Control Module
Event(s) recovered	Non-Deployment

Comments

Airbag warning lamp and driver information warning are active.
DLC used after repairing negagtive battery cable cut by fire dept.
No deployment.
Automatic passenger detection
13,241 miles
Inspection performed at Insurance auto auctions. 700 federal Blvd. Carteret, N.J. 07008

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.
- 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 deployment times for subsequent deployment type events, during the same ignition cycle, will not be recorded. Also, forced timer loops, will not be shown as being commanded to deploy. Loops without their own independent deployment calibration are called "forced timer loops." Examples of a forced timer loops are Pretensioner Deployment Loop #2 and Knee Deployment Loop.
- 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.

Data Element Notation	Positive Sign
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

01042_SDM10P-autoliv_r011

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	0
Vehicle Identification Number (VIN)	1G1PF5SC7C7198372
Ignition Cycle, Download (Ignition Cycles at Investigation)	3844
End Model Part Number	00CF4358
System Type	Autoliv
Software Module Identifier 1	00CF4A09
Software Module Identifier 2	05B7AAFA
Software Module Identifier 3	00CF2D7D
Manufacturing Traceability Data, Component Identifier	AS
Manufacturing Traceability Data, Part Number/Broadcast Code	3192
Manufacturing Traceability Data, Supplier Code	E
Manufacturing Traceability Data, Traceability Number	050268382
ESS # 1 Traceability Data, Component Identifier	AU
ESS # 1 Traceability Data, Part Number/Broadcast Code	2577
ESS # 1 Traceability Data, Supplier Code	E
ESS # 1 Traceability Data, Traceability Number	01506C08A
ESS # 2 Traceability Data, Component Identifier	AT
ESS # 2 Traceability Data, Part Number/Broadcast Code	2577
ESS # 2 Traceability Data, Supplier Code	E
ESS # 2 Traceability Data, Traceability Number	0151D32C8
ESS # 3 Traceability Data, Component Identifier	AH
ESS # 3 Traceability Data, Part Number/Broadcast Code	0000
ESS # 3 Traceability Data, Supplier Code	E
ESS # 3 Traceability Data, Traceability Number	000000000
ESS # 4 Traceability Data, Component Identifier	AJ
ESS # 4 Traceability Data, Part Number/Broadcast Code	2577
ESS # 4 Traceability Data, Supplier Code	E
ESS # 4 Traceability Data, Traceability Number	0151CC5D4
ESS # 5 Traceability Data, Component Identifier	DA
ESS # 5 Traceability Data, Part Number/Broadcast Code	4936
ESS # 5 Traceability Data, Supplier Code	E
ESS # 5 Traceability Data, Traceability Number	015213208
ESS # 6 Traceability Data, Component Identifier	DB
ESS # 6 Traceability Data, Part Number/Broadcast Code	4936
ESS # 6 Traceability Data, Supplier Code	E
ESS # 6 Traceability Data, Traceability Number	015225B7E
ESS # 7 Traceability Data, Component Identifier	00
ESS # 7 Traceability Data, Part Number/Broadcast Code	0000
ESS # 7 Traceability Data, Supplier Code	E
ESS # 7 Traceability Data, Traceability Number	000000000
ESS # 8 Traceability Data, Component Identifier	??
ESS # 8 Traceability Data, Part Number/Broadcast Code	????
ESS # 8 Traceability Data, Supplier Code	?
ESS # 8 Traceability Data, Traceability Number	?????????

System Status at Event (Event Record 1)

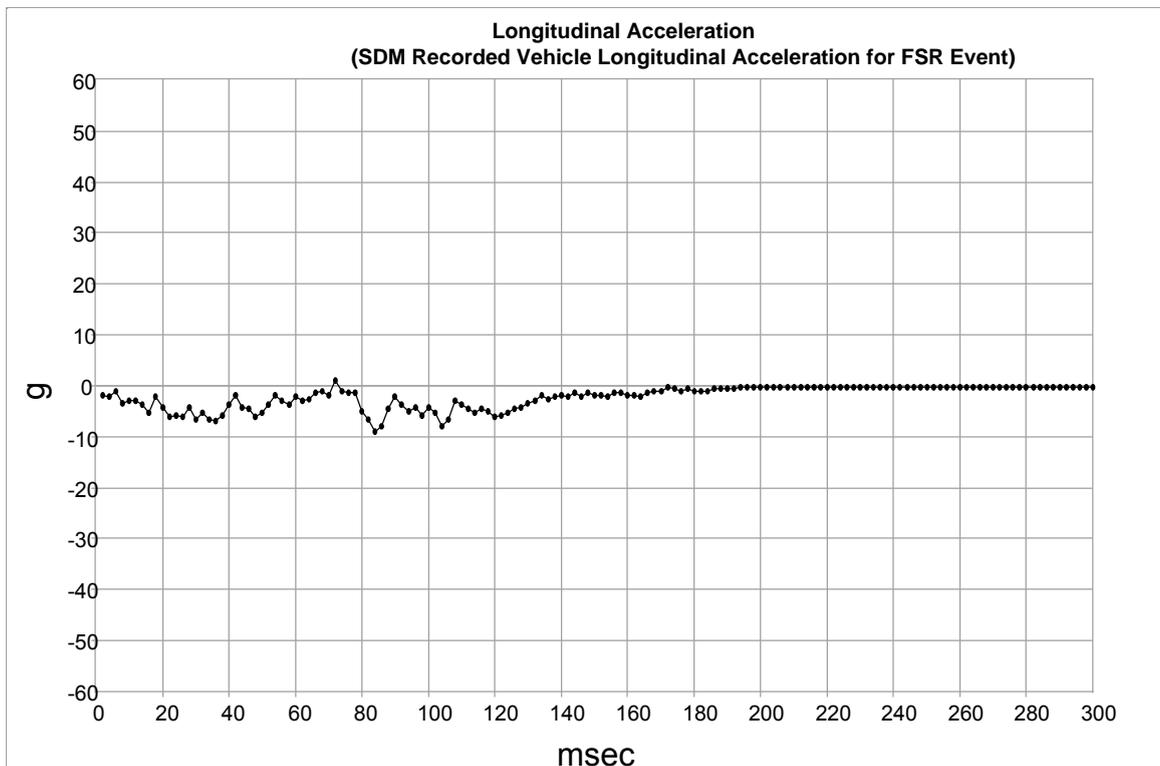
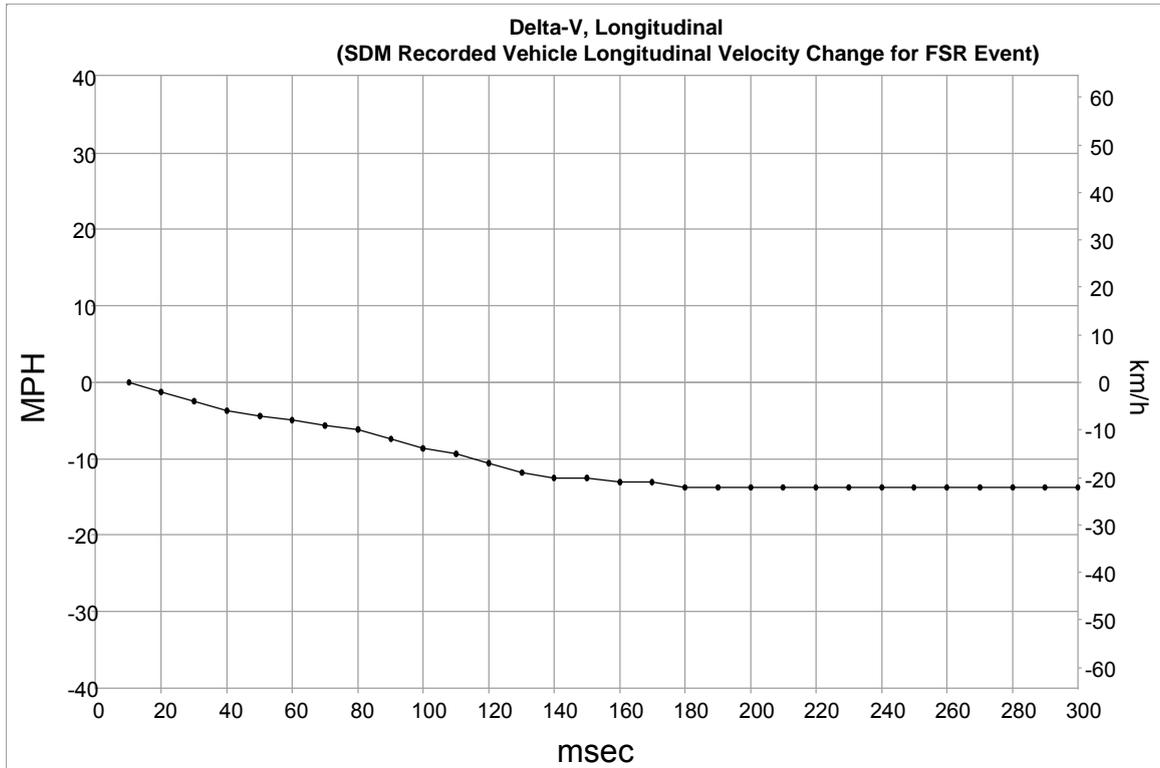
Type of event (deployment/non-deployment)	Non-Deployment
Data Recording Complete - Deployment Status Data	Yes
Complete file recorded (Event Recording Complete)	Yes
Crash Record Locked	No
Data Recording Complete - SDM Recorded Vehicle Velocity Change Data	Yes
Deployment Event Counter	0
Multi-Event, Number 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)	3827
Algorithm Active: Frontal	Yes
Algorithm Active: Side	No
Algorithm Active: Rollover	Yes
Algorithm Active: Rear	No
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	No
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	N/A
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)	655330
Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	22
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]	-14 [-22]
Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM Recorded Vehicle Velocity Change)(msec)	194
Maximum Delta-V, Lateral (Maximum Lateral SDM Recorded Vehicle Velocity Change for FSR Event) MPH [km/h]	-2 [-3]
Time Maximum Delta-V, Lateral (Time From FSR Time Zero to Maximum Lateral SDM Recorded Vehicle Velocity Change)(msec)	136

DTCs Present at Time of Event (Event Record 1)
No Diagnostic Trouble Codes

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	No
Passenger Pretensioner Deployment Loop #1 Commanded	No
Driver Pretensioner Deployment Loop #2 Commanded	No
Passenger Pretensioner Deployment Loop #2 Commanded	No
Driver Thorax Loop Commanded (If Equipped)	No
Passenger Thorax Loop Commanded (If Equipped)	No
Driver Row 2 Thorax Loop Commanded (If Equipped)	No
Passenger 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
Driver Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Passenger Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Driver Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Passenger 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
Driver Row 2 Pretensioner Deployment Loop Commanded	No
Passenger 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
Driver Row 2 Head Rest Loop Commanded (If Equipped)	No
Passenger 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)	Data Not Available
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)	Data Not Available

Longitudinal Crash Pulse (Event Record 1)



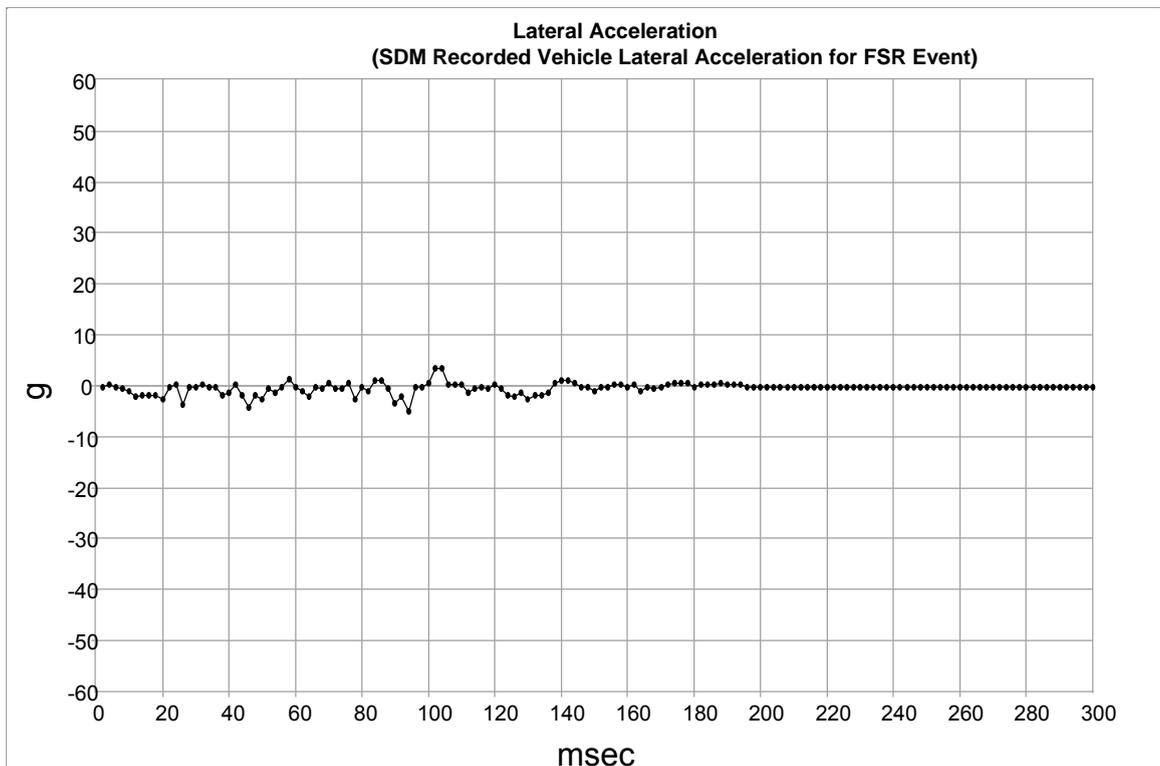
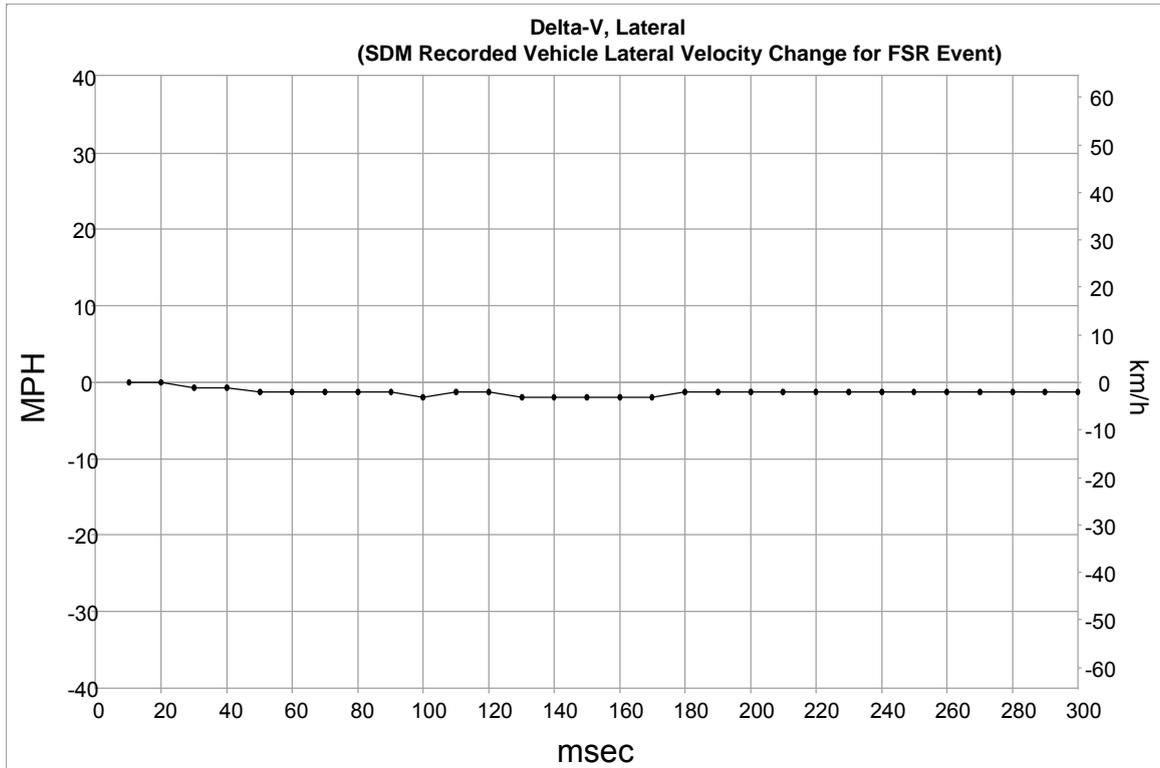
Longitudinal Crash Pulse (Event Record 1)

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	0.0	0.0
20	-1.2	-2.0
30	-2.5	-4.0
40	-3.7	-6.0
50	-4.3	-7.0
60	-5.0	-8.0
70	-5.6	-9.0
80	-6.2	-10.0
90	-7.5	-12.0
100	-8.7	-14.0
110	-9.3	-15.0
120	-10.6	-17.0
130	-11.8	-19.0
140	-12.4	-20.0
150	-12.4	-20.0
160	-13.0	-21.0
170	-13.0	-21.0
180	-13.7	-22.0
190	-13.7	-22.0
200	-13.7	-22.0
210	-13.7	-22.0
220	-13.7	-22.0
230	-13.7	-22.0
240	-13.7	-22.0
250	-13.7	-22.0
260	-13.7	-22.0
270	-13.7	-22.0
280	-13.7	-22.0
290	-13.7	-22.0
300	-13.7	-22.0

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	-1.8	102	-5.4	202	-0.2
4	-2.2	104	-7.8	204	-0.2
6	-1.0	106	-6.6	206	-0.2
8	-3.4	108	-3.0	208	-0.2
10	-3.0	110	-3.8	210	-0.2
12	-3.0	112	-4.6	212	-0.2
14	-3.8	114	-5.4	214	-0.2
16	-5.4	116	-4.6	216	-0.2
18	-2.2	118	-5.0	218	-0.2
20	-4.2	120	-6.2	220	-0.2
22	-6.2	122	-5.8	222	-0.2
24	-5.8	124	-5.4	224	-0.2
26	-6.2	126	-4.6	226	-0.2
28	-4.2	128	-4.2	228	-0.2
30	-6.6	130	-3.4	230	-0.2
32	-5.4	132	-3.0	232	-0.2
34	-6.6	134	-1.8	234	-0.2
36	-7.0	136	-2.6	236	-0.2
38	-5.8	138	-2.2	238	-0.2
40	-3.8	140	-1.8	240	-0.2
42	-1.8	142	-2.2	242	-0.2
44	-4.2	144	-1.4	244	-0.2
46	-4.6	146	-2.2	246	-0.2
48	-6.2	148	-1.4	248	-0.2
50	-5.4	150	-1.8	250	-0.2
52	-3.8	152	-1.8	252	-0.2
54	-1.8	154	-2.2	254	-0.2
56	-3.0	156	-1.4	256	-0.2
58	-3.8	158	-1.4	258	-0.2
60	-2.2	160	-1.8	260	-0.2
62	-3.0	162	-1.8	262	-0.2
64	-2.6	164	-2.2	264	-0.2
66	-1.4	166	-1.4	266	-0.2
68	-1.0	168	-1.0	268	-0.2
70	-1.8	170	-1.0	270	-0.2
72	1.0	172	-0.2	272	-0.2
74	-1.0	174	-0.6	274	-0.2
76	-1.4	176	-1.0	276	-0.2
78	-1.4	178	-0.6	278	-0.2
80	-5.0	180	-1.0	280	-0.2
82	-6.6	182	-1.0	282	-0.2
84	-9.0	184	-1.0	284	-0.2
86	-7.8	186	-0.6	286	-0.2
88	-4.6	188	-0.6	288	-0.2
90	-2.2	190	-0.6	290	-0.2
92	-3.8	192	-0.6	292	-0.2
94	-5.0	194	-0.2	294	-0.2
96	-4.2	196	-0.2	296	-0.2
98	-5.8	198	-0.2	298	-0.2
100	-4.2	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	-0.6	-1.0
40	-0.6	-1.0
50	-1.2	-2.0
60	-1.2	-2.0
70	-1.2	-2.0
80	-1.2	-2.0
90	-1.2	-2.0
100	-1.9	-3.0
110	-1.2	-2.0
120	-1.2	-2.0
130	-1.9	-3.0
140	-1.9	-3.0
150	-1.9	-3.0
160	-1.9	-3.0
170	-1.9	-3.0
180	-1.2	-2.0
190	-1.2	-2.0
200	-1.2	-2.0
210	-1.2	-2.0
220	-1.2	-2.0
230	-1.2	-2.0
240	-1.2	-2.0
250	-1.2	-2.0
260	-1.2	-2.0
270	-1.2	-2.0
280	-1.2	-2.0
290	-1.2	-2.0
300	-1.2	-2.0

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	3.4	202	-0.2
4	0.2	104	3.4	204	-0.2
6	-0.2	106	0.2	206	-0.2
8	-0.6	108	0.2	208	-0.2
10	-1.0	110	0.2	210	-0.2
12	-2.2	112	-1.4	212	-0.2
14	-1.8	114	-0.6	214	-0.2
16	-1.8	116	-0.2	216	-0.2
18	-1.8	118	-0.6	218	-0.2
20	-2.6	120	0.2	220	-0.2
22	-0.2	122	-0.6	222	-0.2
24	0.2	124	-1.8	224	-0.2
26	-3.8	126	-2.2	226	-0.2
28	-0.2	128	-1.4	228	-0.2
30	-0.2	130	-2.6	230	-0.2
32	0.2	132	-1.8	232	-0.2
34	-0.2	134	-1.8	234	-0.2
36	-0.2	136	-1.4	236	-0.2
38	-1.8	138	0.6	238	-0.2
40	-1.4	140	1.0	240	-0.2
42	0.2	142	1.0	242	-0.2
44	-1.8	144	0.6	244	-0.2
46	-4.2	146	-0.2	246	-0.2
48	-1.8	148	-0.2	248	-0.2
50	-2.6	150	-1.0	250	-0.2
52	-0.6	152	-0.2	252	-0.2
54	-1.4	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	-1.0	162	0.2	262	-0.2
64	-2.2	164	-1.0	264	-0.2
66	-0.2	166	-0.2	266	-0.2
68	-0.6	168	-0.6	268	-0.2
70	0.6	170	-0.2	270	-0.2
72	-0.6	172	0.2	272	-0.2
74	-0.6	174	0.6	274	-0.2
76	0.6	176	0.6	276	-0.2
78	-2.6	178	0.6	278	-0.2
80	-0.2	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	0.6	288	-0.2
90	-3.4	190	0.2	290	-0.2
92	-2.2	192	0.2	292	-0.2
94	-5.0	194	0.2	294	-0.2
96	-0.2	196	-0.2	296	-0.2
98	-0.2	198	-0.2	298	-0.2
100	0.6	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	32	Off	2112	100	60 [97]
-4.5	26	Off	2112	46	61 [98]
-4.0	20	Off	2112	38	61 [98]
-3.5	19	Off	2112	37	61 [98]
-3.0	23	Off	2176	43	61 [98]
-2.5	23	Off	2176	41	61 [98]
-2.0	15	Off	2112	36	61 [98]
-1.5	0	Off	2112	36	61 [98]
-1.0	0	On	1920	14	57 [92]
-0.5	0	On	1664	11	49 [79]

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	46 [62]	Off
-1.5	No	No	No	37 [50]	Off
-1.0	No	No	No	16 [22]	Off
-0.5	No	No	No	2 [2]	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.

DPID \$11
FF F3 C0 FC C0 7C 00

DPID \$15
01 02 03 04 05 06 07

DPID \$16
08 09 0A 0D 0E 00 00

DPID \$17
13 14 0C 0B 00 00 00

DPID \$32
00 FD 0F 04 00 00 00

DPID \$35
78 00 00 00 00 00 00

DID \$01
41 55 32 35 37 37 45 30 31 35 30 36 43 30 38 41

DID \$03
41 54 32 35 37 37 45 30 31 35 31 44 33 32 43 38

DID \$05
41 48 30 30 30 30 45 30 30 30 30 30 30 30 30

DID \$07
41 4A 32 35 37 37 45 30 31 35 31 43 43 35 44 34

DID \$09
44 41 34 39 33 36 45 30 31 35 32 31 33 32 30 38

DID \$0B
44 42 34 39 33 36 45 30 31 35 32 32 35 42 37 45

DID \$0D
30 30 30 30 30 30 45 30 30 30 30 30 30 30 30 30

DID \$0F
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DID \$30
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DID \$90
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DID \$9A
04 01

DID \$B4
41 53 33 31 39 32 45 30 35 30 32 36 38 33 38 32

DID \$C1
00 CF 4A 09

DID \$C2
05 B7 AA FA

DID \$C3
00 CF 2D 7D

DID \$CB
00 CF 43 58

DID \$31

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0010 FF 00 00 00 00 00 00 00 00 00
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0030 00 0F 17 17 13 14 1A 20 50 00
0040 00 00 00 00 00 1A 1E 21 21 22
0050 22 21 21 21 21 06 A5 06 CB 07
0060 05 07 1C 0B 0E 24 24 29 2B 25
0070 26 2E 64 4F 5C 62 62 62 62 62
0080 62 62 61 00 FF FD 00 16 FD 00
0090 00 00 00 00 00 00 00 00 00 00
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0110 00 00 00 00 00 00 69 61 7C 44
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0130 7D 7F 7B 7E 79 7E 78 7D 77 7D
0140 76 7D 75 7D 73 7D 71 7C 70 7D
0150 6E 7D 6C 7C 6B 7C 6B 7C 6A 7C
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0190 7A 80 7D 7F 77 7E 78 7D 78 7A
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0270 69 82 6C 82 74 7E 7A 77 76 7A
0280 73 73 75 7F 71 7F 75 81 72 88
0290 6C 88 6F 80 78 80 76 80 74 7C
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Disclaimer of Liability

The users of the CDR product and reviewers of the CDR reports and exported data shall ensure that data and information supplied is applicable to the vehicle, vehicle's system(s) and the vehicle ECU. Robert Bosch LLC and all its directors, officers, employees and members shall not be liable for damages arising out of or related to incorrect, incomplete or misinterpreted software and/or data. Robert Bosch LLC expressly excludes all liability for incidental, consequential, special or punitive damages arising from or related to the CDR data, CDR software or use thereof.

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████

Inspector (First & Last Name):	William L. Genovese
Number of photos:	53

Section 1. Description

Photo #	Description Only	Damage (Yes/No)
1	Vin Plate	No
2	Door Plate (GVWR)	No
3	Tire Plate	No
4	RPO Plate	No
5	IP Cluster / Odometer	No
6	Front (Exterior)	Yes
7	Passenger's Side (Exterior). Note Exterior Side Window Vent Shades.	Yes
8	Rear (Exterior)	Yes
9	Driver's Side (Exterior). Note Exterior Side Window Vent Shades.	Yes
10	Windshield	Yes
11	Under Hood	Yes
12	Left Front Wheel and Tire	No
13	Left Rear Wheel and Tire	No
14	Right Front Wheel and Tire. See photo #16 for details.	Yes
15	Right Rear Wheel and Tire	No
16	Close up of Right Front wheel Damage	Yes
17	Driver's Front Fender	Yes
18	Rocker Panel Molding Below Driver's Front Door	Yes
19	Passenger Side Roof. Note Exterior Side Window Vent Shades.	Yes
20	Passenger Side Front Fender at Door.	Yes
21	Passenger Side Exterior "A" Pillar and Mirror	Yes
22	Passenger Side Front Fender and Partial Under Hood Taken From Above.	Yes
23	Passenger Side ¼ View of Front of Vehicle	Yes
24	Passenger Side ¼ View of Front of Vehicle Taken From a Lower Angle	Yes
25	Passenger's Side Front View	Yes
26	Passenger Side Front Fender Taken From Above. Note Under Hood Damage	Yes
27	Under Side of Hood	Yes
28	Driver's Side Exterior "A" pillar. Note Hood Hinge Damage. Note Exterior Side Window Vent Shades.	Yes
29	Passenger Side Tail Lamp. Prior Damage	Yes
30	Passenger's Side Rear Bumper Fascia.	Yes
31	Driver's Side Front Door Hinges	No
32	Driver's Side Front Door Striker Post	No
33	Driver's Side Rear Door Hinges	No
34	Driver's Side Rear Door Striker Post. NOTE: Photo is mis-labeled as right rear.	No
35	Passenger's Side Front Door Hinges	No
36	Passenger's Side Front Door Striker Post	No
37	Passenger's Side Rear Door Hinges	No
38	Passenger's Side Rear Door Striker Post	No
39	Driver's Side Front (Interior)	No
40	Driver's Side Rear (Interior)	No
41	Passenger's Side Front (Interior). Note broken glass from windshield.	No
42	Passenger's Side Rear (Interior). See photo #43 for details.	Yes
43	Passenger's Side Rear Seat Stain	Yes
44	Trunk/Hatch/Cargo Area	No
45	Spare Tire Compartment	No
46	Windshield Viewed From Inside on Passenger's Side. Note Glass Debris on IP.	Yes
47	Passenger's Front Seat Track Measurement. Driver's side to I.P. Measurement Photo was Not Possible Due to No Assistance. See report for measurement of driver's seat to I.P.	No
48	Complete IP. Note Damaged Windshield	Yes
49	Steering Wheel Viewed From Passenger's Side	No
50	Instrument Cluster Self Test	No
51	Instrument Cluster with Engine Running. Note Airbag Warning Lamp and Service Message	No
52	Passenger Airbag Status Lamp with Seat Unoccupied and Seat Belt Unlatched	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7 [REDACTED]

<u>Photo #</u>	<u>Description Only</u>	<u>Damage (Yes/No)</u>
53	Passenger Airbag Status Lamp with Seat Occupied and Seat Belt Latched	No
54	Underbody. No Photos Possible as Vehicle Was in Salvage Yard.	Unknown
55	No TECH 2 or MDI Photos or Downloads Were Possible as Vehicle Was in Salvage Yard	No

Section 2.

Description and Photos

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

Photo #	Description / Photo	Damage (Yes/No)												
1	<p>Vin Plate</p> 	No												
2	<p>Door Plate (GVWR)</p>  <p>MFD BY GENERAL MOTORS LLC</p> <table border="1"> <tr> <td>DATE</td> <td>GVWR</td> <td>GAWR FRT</td> <td>GAWR RR</td> </tr> <tr> <td>10/11</td> <td>1863 KG</td> <td>971 KG</td> <td>892 KG</td> </tr> <tr> <td></td> <td>4106 LB</td> <td>2140 LB</td> <td>1966 LB</td> </tr> </table> <p>THIS VEHICLE CONFORMS TO ALL APPLICABLE U.S. FEDERAL MOTOR VEHICLE SAFETY, BUMPER, AND THEFT PREVENTION STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.</p> <p>1G1PF5SC7C7██████████ TYPE: PASS CAR</p>	DATE	GVWR	GAWR FRT	GAWR RR	10/11	1863 KG	971 KG	892 KG		4106 LB	2140 LB	1966 LB	No
DATE	GVWR	GAWR FRT	GAWR RR											
10/11	1863 KG	971 KG	892 KG											
	4106 LB	2140 LB	1966 LB											

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

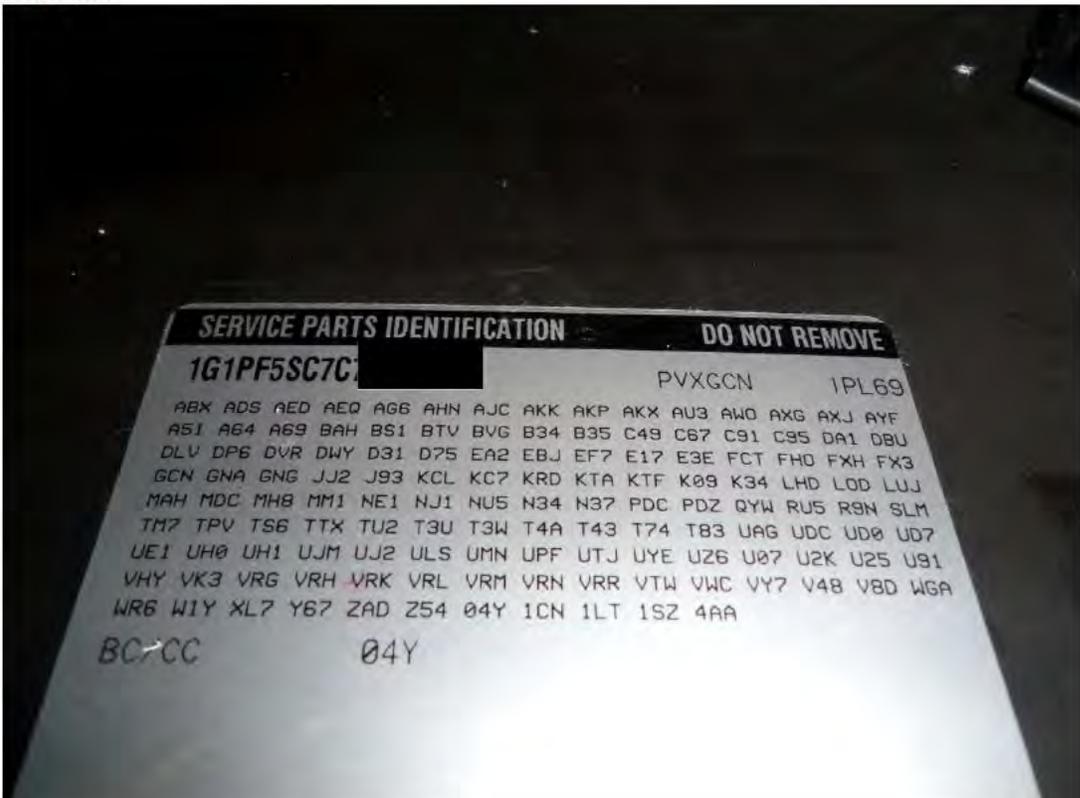
Photo #	Description / Photo	Damage (Yes/No)												
3	<p>Tire Plate</p>  <table border="1" data-bbox="332 724 1169 903"> <thead> <tr> <th>TIRE</th> <th>ORIGINAL SIZE</th> <th>COLD TIRE PRESSURE</th> </tr> </thead> <tbody> <tr> <td>FRONT</td> <td>P215/60R16 S</td> <td>240 kPa, 35 PSI</td> </tr> <tr> <td>REAR</td> <td>P215/60R16 S</td> <td>240 kPa, 35 PSI</td> </tr> <tr> <td>SPARE</td> <td>T115/70R16 M</td> <td>420 kPa, 60 PSI</td> </tr> </tbody> </table>	TIRE	ORIGINAL SIZE	COLD TIRE PRESSURE	FRONT	P215/60R16 S	240 kPa, 35 PSI	REAR	P215/60R16 S	240 kPa, 35 PSI	SPARE	T115/70R16 M	420 kPa, 60 PSI	No
TIRE	ORIGINAL SIZE	COLD TIRE PRESSURE												
FRONT	P215/60R16 S	240 kPa, 35 PSI												
REAR	P215/60R16 S	240 kPa, 35 PSI												
SPARE	T115/70R16 M	420 kPa, 60 PSI												
4	<p>RPO Plate</p> 	No												

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

Photo #	Description / Photo	Damage (Yes/No)
5	IP Cluster / Odometer 	No
6	Front (Exterior) 	Yes

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

Photo #	Description / Photo	Damage (Yes/No)
7	<p>Passenger's Side (Exterior). Note Exterior Side Window Vent Shades.</p> 	Yes
8	<p>Rear (Exterior)</p> 	Yes

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	Collier		
	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7

Photo #	Description / Photo	Damage (Yes/No)
9	<p>Driver's Side (Exterior). Note Exterior Side Window Vent Shades.</p> 	Yes
10	<p>Windshield</p> 	Yes

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

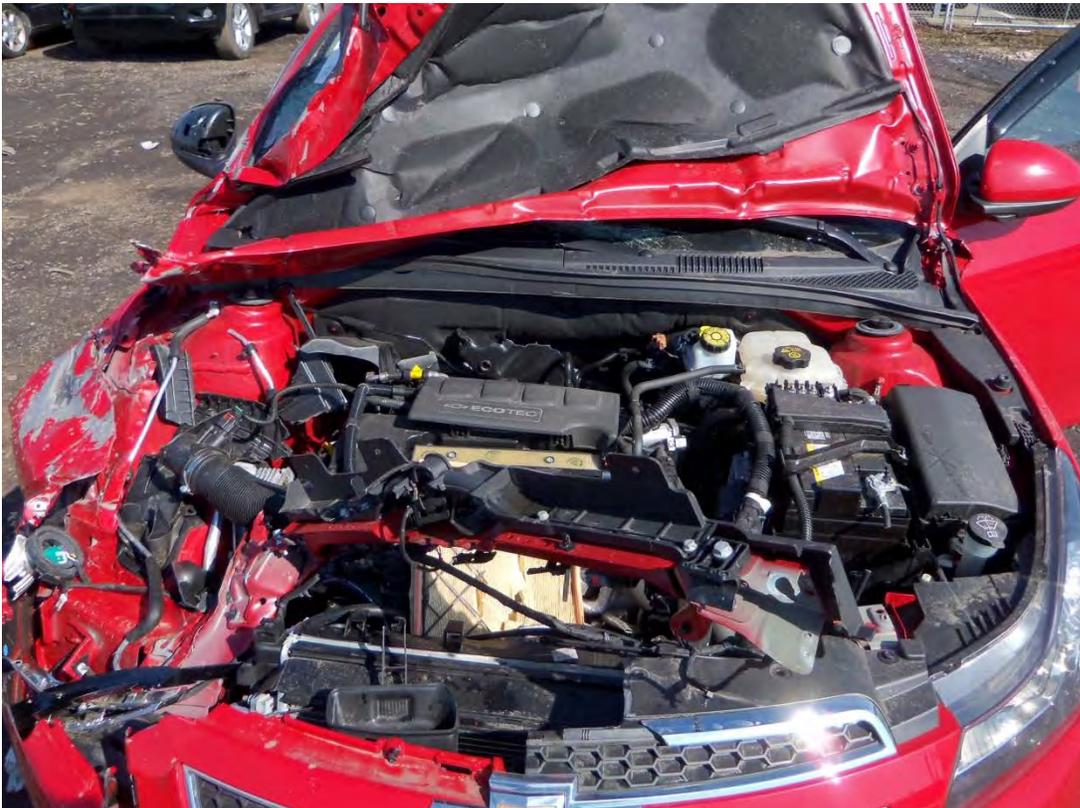
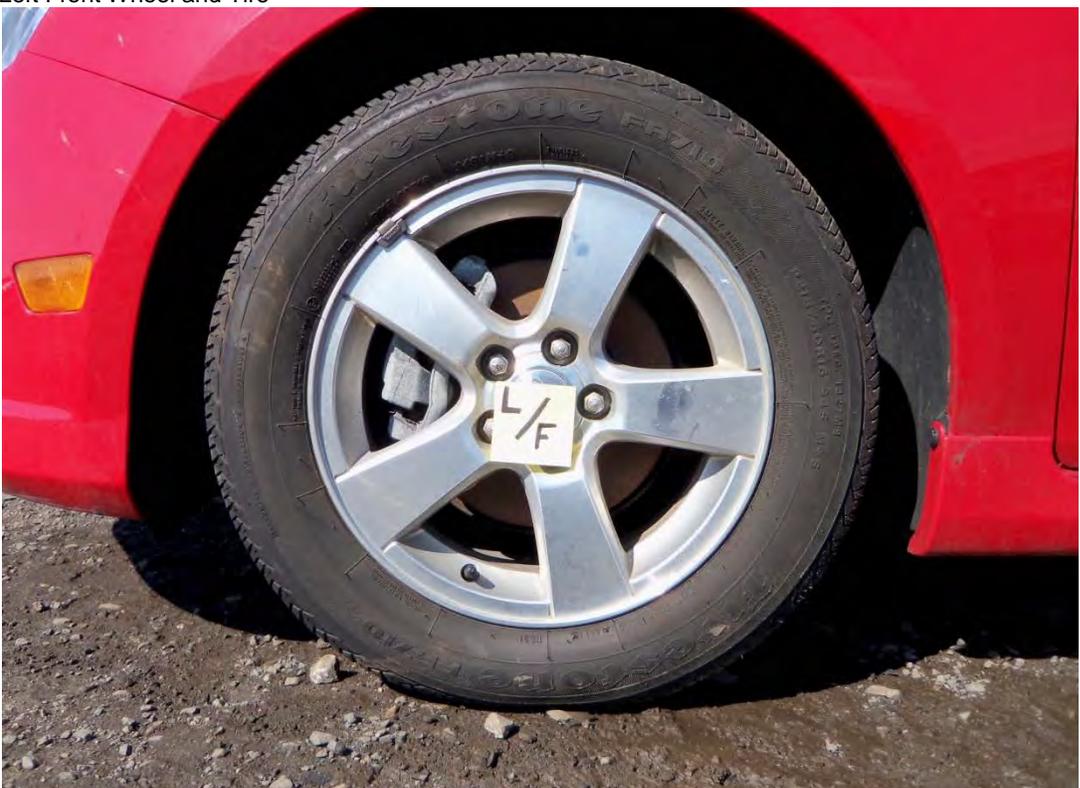
Photo #	Description / Photo	Damage (Yes/No)
11	<p>Under Hood</p> 	Yes
12	<p>Left Front Wheel and Tire</p> 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

Photo #	Description / Photo	Damage (Yes/No)
13	<p>Left Rear Wheel and Tire</p> 	No
14	<p>Right Front Wheel and Tire. See photo #16 for details.</p> 	Yes

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
15	Right Rear Wheel and Tire  A photograph of the right rear wheel of a red car. The wheel is silver with five spokes. A yellow sticky note with 'R/R' written on it is attached to the center of the wheel. The tire is black and appears to be in good condition. The car's body is red and visible in the background.	No
16	Close up of Right Front wheel Damage  A close-up photograph of the right front wheel. A hand is holding a yellow sticky note with 'R/F' written on it in the foreground. The wheel is silver and shows significant damage to the rim, particularly on the right side. The tire is black and appears to be in good condition.	Yes

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

Photo #	Description / Photo	Damage (Yes/No)
17	<p>Driver's Front Fender</p> 	Yes
18	<p>Rocker Panel Molding Below Driver's Front Door</p> 	Yes

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

Photo #	Description / Photo	Damage (Yes/No)
19	<p>Passenger Side Roof. Note Exterior Side Window Vent Shades.</p> 	Yes
20	<p>Passenger Side Front Fender at Door.</p> 	Yes

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C██████

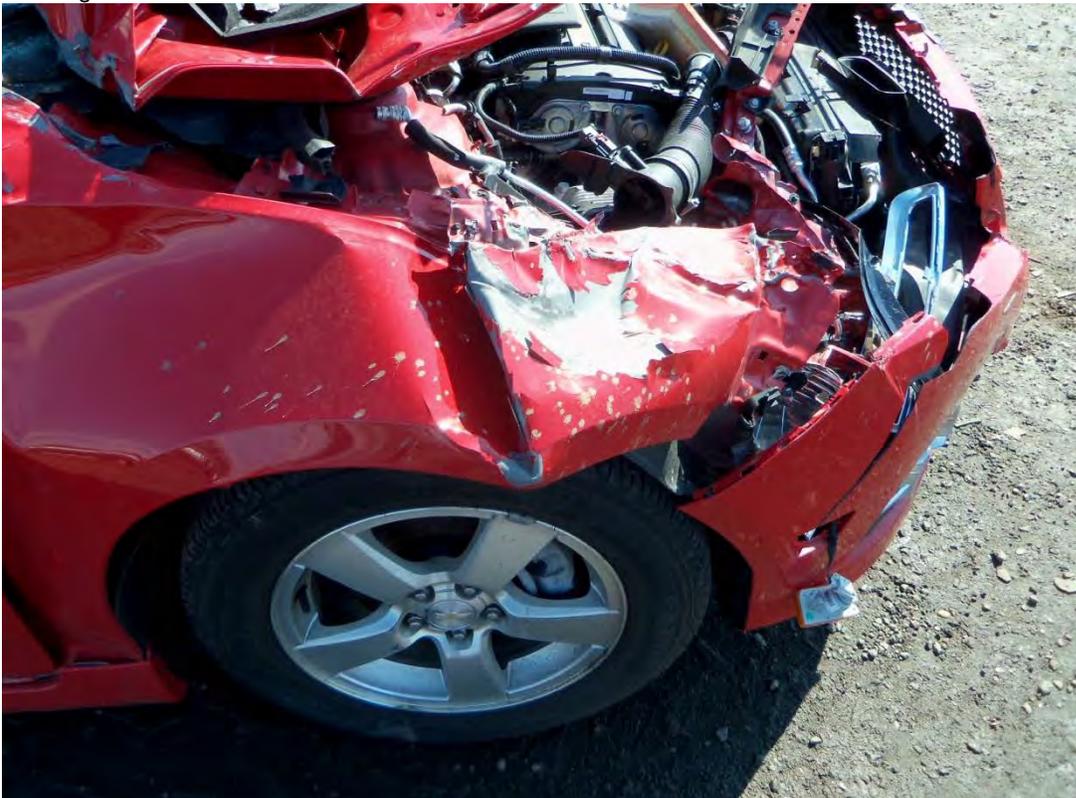
Photo #	Description / Photo	Damage (Yes/No)
21	Passenger Side Exterior "A" Pillar and Mirror 	Yes
22	Passenger Side Front Fender and Partial Under Hood Taken From Above. 	Yes

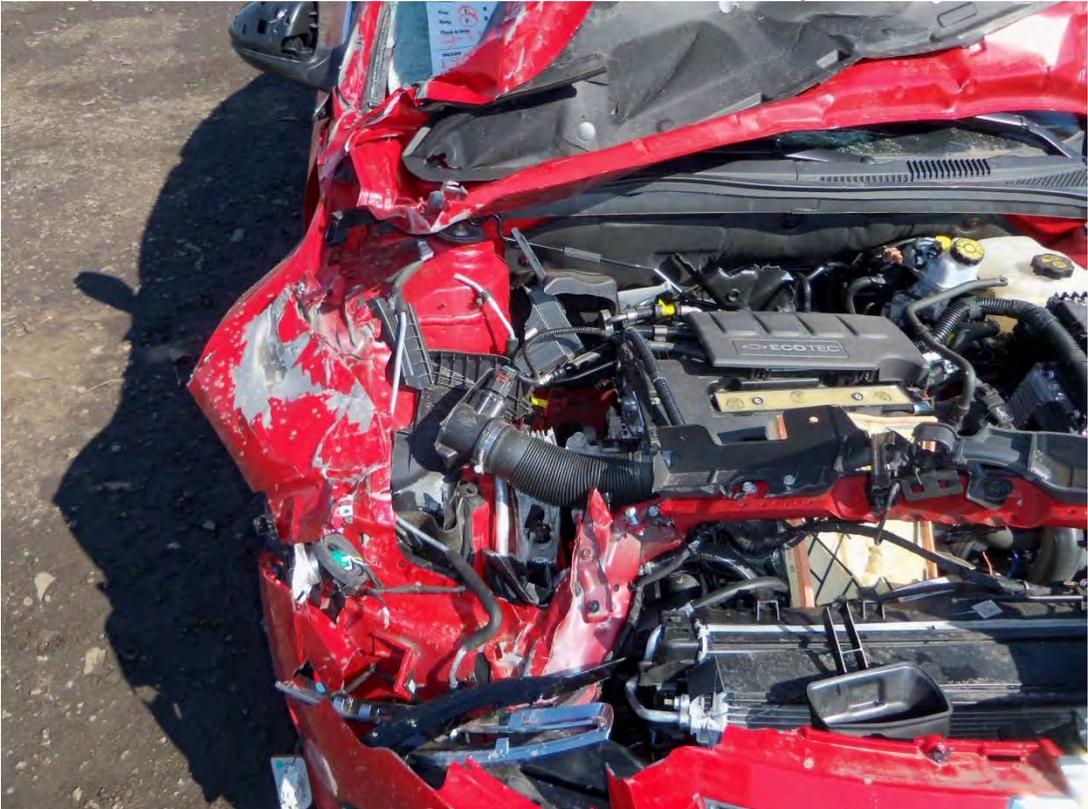
Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

Photo #	Description / Photo	Damage (Yes/No)
23	<p>Passenger Side ¼ View of Front of Vehicle</p> 	Yes
24	<p>Passenger Side ¼ View of Front of Vehicle Taken From a Lower Angle</p> 	Yes

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
25	Passenger's Side Front View 	Yes
26	Passenger Side Front Fender Taken From Above. Note Under Hood Damage 	Yes

		Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7

Photo #	Description / Photo	Damage (Yes/No)
27	<p data-bbox="217 317 428 338">Under Side of Hood</p> 	Yes
28	<p data-bbox="217 1146 1273 1167">Driver's Side Exterior "A" pillar. Note Hood Hinge Damage. Note Exterior Side Window Vent Shades.</p> 	Yes

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
29	Passenger Side Tail Lamp. Prior Damage 	Yes
30	Passenger's Side Rear Bumper Fascia. 	Yes

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████

Photo #	Description / Photo	Damage (Yes/No)
31	<p>Driver's Side Front Door Hinges</p> 	No
32	<p>Driver's Side Front Door Striker Post</p> 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
33	Driver's Side Rear Door Hinges 	No
34	Driver's Side Rear Door Striker Post. NOTE: Photo is mis-labeled as right rear. 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
35	Passenger's Side Front Door Hinges 	No
36	Passenger's Side Front Door Striker Post 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
37	Passenger's Side Rear Door Hinges 	No
38	Passenger's Side Rear Door Striker Post 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████

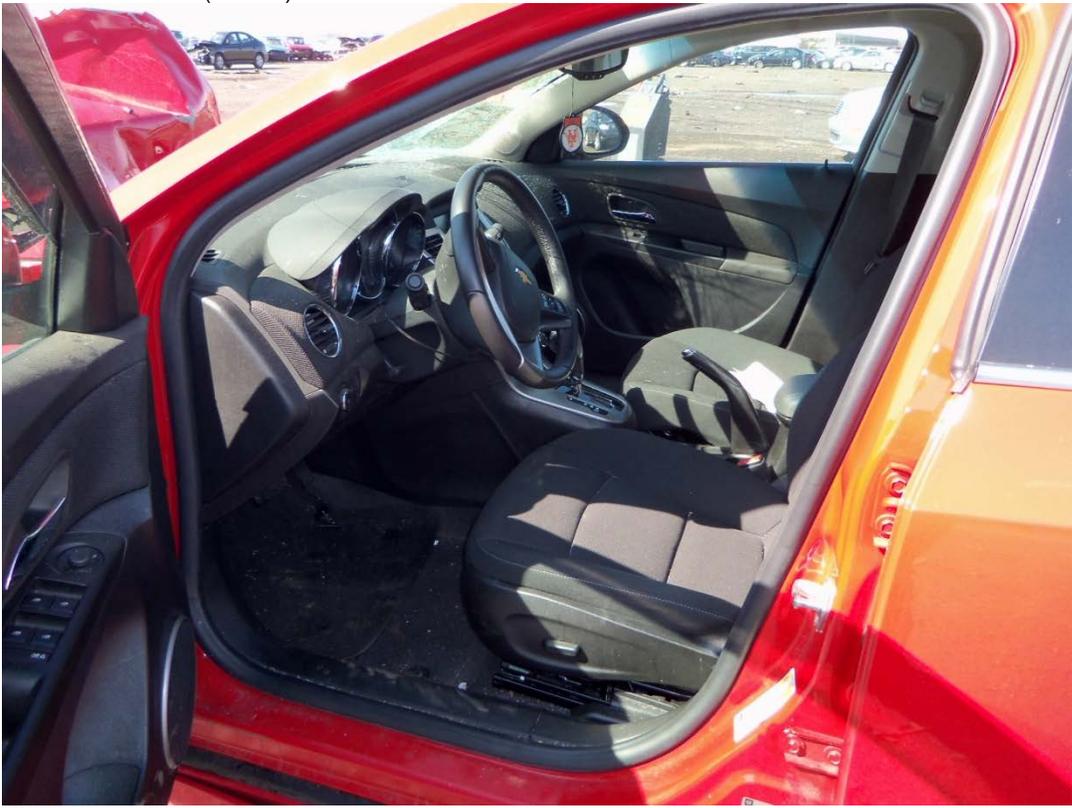
Photo #	Description / Photo	Damage (Yes/No)
39	Driver's Side Front (Interior) 	No
40	Driver's Side Rear (Interior) 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

Photo #	Description / Photo	Damage (Yes/No)
41	<p>Passenger's Side Front (Interior). Note broken glass from windshield.</p> 	No
42	<p>Passenger's Side Rear (Interior). See photo #43 for details.</p> 	Yes

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

Photo #	Description / Photo	Damage (Yes/No)
43	<p>Passenger's Side Rear Seat Stain.</p> 	Yes
44	<p>Trunk/Hatch/Cargo Area</p> 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████

Photo #	Description / Photo	Damage (Yes/No)
45	<p>Spare Tire Compartment</p> 	No
46	<p>Windshield Viewed From Inside on Passenger's Side. Note Glass Debris on IP.</p> 	Yes

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

Photo #	Description / Photo	Damage (Yes/No)
47	<p>Passenger's Front Seat Track Measurement. Driver's side to I.P. Measurement Photo was Not Possible Due to no assistance available at salvage yard. See report for measurement of driver's seat to I.P.</p> 	No
48	<p>Complete IP. Note Damaged Windshield</p> 	Yes

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

Photo #	Description / Photo	Damage (Yes/No)
49	<p>Steering Wheel Viewed From Passenger's Side</p> 	No
50	<p>Instrument Cluster Self Test</p> 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████

Photo #	Description / Photo	Damage (Yes/No)
51	Instrument Cluster with Engine Running. Note Airbag Warning Lamp and Service Message 	No
52	Passenger Airbag Status Lamp with Seat Unoccupied and Seat Belt Unlatched 	No

Photo Log & Photos for Preliminary Inspection v.3

Customer's last name:	██████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7██████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
53	Passenger airbag status lamp with seat occupied and seat belt latched 	No
54	Underbody. No photos possible as vehicle was in salvage yard.	Unknown
55	No TECH 2 or MDI photos or downloads were possible as vehicle was in salvage yard	No

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.1

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
Case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

Mileage at inspection:	13,241	Inspection location:	Insurance Auto Auctions
Inspected by:	William L. Genovese	Address:	700 Federal Blvd., Carteret, N.J. 07008
Inspector's phone number:	248-687-4328	Ph:	732-634-5601

Was a dealer technician used? Yes No

Number of photos

If Yes, number of hours?

If possible, document the RO number:

Number of DTCs

Maximum vehicle speed taken from CDR report:

Did CDR detect a rollover event? Yes No

Inspector's Note #1: No diagnostic tools other than CDR were available.

Section 1 INSPECTION SUMMARY

Provide driver/claimant's **complete** description of incident. Do not paraphrase the customer's words. This is a very important section of the report:

Driver states: She was driving home on 03/03/2013 at about 7 p.m. She was going about 40 – 45 mph. There was a pickup truck in front of her that stopped suddenly because there was a disabled vehicle blocking its path. She tried to avoid the truck but struck the truck in the driver's side rear. Someone called the police and fire department since the truck was leaking fuel. The fire department cut the battery cable on her car to avoid the possibility of fire due to the trucks fuel leak. Her car was then towed away.

NOTE: FOR ALLEGATIONS OF AN INADVERTENT DEPLOYMENT WITH NO COLLISION, COMPLETE THE INADVERTENT AIRBAG DEPLOYMENT INSPECTION FORM.

<input checked="" type="checkbox"/>	Non-deployment (the airbag did not deploy and the claimant states that it should have)		
<input checked="" type="checkbox"/>	Front	<input type="checkbox"/> Side	<input type="checkbox"/> Other

<input type="checkbox"/>	Inadvertent deployment with a collision, (the claimant states that the airbag deployed when it should not have)		
<input type="checkbox"/>	Front	<input type="checkbox"/> Side	<input type="checkbox"/> Other

<input type="checkbox"/>	Improper deployment (e.g. the claimant states that the airbag deployed late or only partially)		
<input type="checkbox"/>	Front	<input type="checkbox"/> Side	<input type="checkbox"/> Other

<input type="checkbox"/>	Deployment-induced injury in a collision (the claimant states the deployment of the airbag caused an injury)		
--------------------------	--	--	--

<input type="checkbox"/>	Other Describe: <input type="text" value=""/>		
--------------------------	---	--	--

<input type="checkbox"/>	None: seat belt - related allegation only		
--------------------------	---	--	--

Describe the seat belt related allegation below:

<input type="checkbox"/>	Non-activation (the claimant states that the seat belt did not restrain an occupant and it should have)		
<input type="checkbox"/>	Induced injury (the claimant states the seat belt system caused an injury)		
<input type="checkbox"/>	Other Describe: <input type="text" value=""/>		
<input checked="" type="checkbox"/>	None: SIR - related allegation only		

Driver seatbelt pretensioner deployed? Yes No

Passenger seatbelt pretensioner deployed? Yes No

Following the inspection, summarize the facts and observations:

- A jumper cable was used to restore vehicle power since the fire department had cut negative battery cable. Due to under hood damage, the vehicle was not drivable. See photo #11 of photo log to view cut battery cable.
- Inspection indicates that the impacted vehicle rode up over the front of the customer's vehicle. See photos #6, 11, and 17 – 28 of the photo log.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.1

Customer's last name:			
	Chevrolet	Year/Model:	2012 / Cruze
Case #:	71-1163533109	VIN:	1G1PF5SC7C7

- Hood Damage: See photos #6, 07 and 27 of the photo log.
- Front Bumper Fascia Damage: See photos #6 and 23 – 25 of the photo log.
- Right Headlamp Missing: See photos #6 and 23 – 25 of the photo log.
- Windshield Damage: See photo #10 of the photo log.
- Right Exterior "A" Pillar Damage: See photo #21 of the photo log.
- Upper Radiator Support Damage: See photo #11 of the photo log.
- Air Filter Assembly Damage: See photos #11 and 26 of the photo log.
- Left Front Fender Damage: See photo #17 of the photo log.
- Left Side Hood Hinge and Exterior "A" Pillar Damage: See photo #28 of the photo log.
- Left Front Rocker Panel Trim Damage: See photo #18 of the photo log.
- Right Front Fender Damage: See photos #7 and 21 – 26 of the photo log.
- Right Front Rim Damage: See photo #16 of the photo log.
- Right Side Exterior "A" Pillar Damage: See photo #21 of the photo log.
- Rear Bumper Fascia Damage: See photo #30 of the photo log. It looks to be prior damage.
- Right Rear Tail Lamp Damage: See photo #29 of the photo log. It looks to be prior damage.
- Right Side of Roof Damage: See photo #19 of the photo log.
- No underbody inspection could be performed since inspection was performed in a salvage yard.
- No diagnostic equipment other than a CDR was available as inspection was performed at salvage yard.
- A non-deployment event was commanded. See attached CDR files.
- The customer did not supply a copy of the Police Report as promised. They have not responded to several phone calls since the inspection requesting a copy of the report.

Section 2 INTERVIEW – INCIDENT DETAILS

Interviewee name (Owner):	
	Orange, New Jersey
Phone number:	
Date of interview:	06/16/2013
Interview mode: (Telephone or in person)	Telephone

Interviewee name (Driver):	
Address:	Orange, New Jersey
Phone number:	
Date of interview:	06/16/2013
Interview mode: (Telephone or in person)	Telephone

Police report? Yes No
 Fire report? Yes No

Driver's Physical Description

Name:	
Gender:	Female
Height:	5' 5"
Weight:	160
Disabilities:	None

Driver's Trip Information

Hours	Minutes	Distance	Driver's Estimated Speed
	10	3 miles	40-45 m.p.h.

Exact incident location: Rt. 202/206 in Bridgewater, NJ 08807	Exact incident date & time: 03/03/2013 @ 7 p.m.
Weather condition & visibility: Clear and dry	Approximate temp (°F): Approx. 30 degrees

Was there a collision? Yes No

Were there any other occupants in the vehicle at the time of the incident? Yes No

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.1

Customer's last name:		Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
Case #:	71-1163533109	VIN:	1G1PF5SC7C7

Occupant's Information (If Applicable)

Name:	
Gender:	
Height:	
Weight:	
Age:	

Where were the other occupants seated?

Front Row:	<input type="checkbox"/> Right Front	<input type="checkbox"/> Front Center		
Second Row:	<input type="checkbox"/> Right Rear	<input type="checkbox"/> Center	<input type="checkbox"/> Left Rear	
Third Row:	<input type="checkbox"/> Right Rear	<input type="checkbox"/> Center	<input type="checkbox"/> Left Rear	

ALLEGATION THAT FRONT PASSENGER AIRBAG "DID NOT DEPLOY" IN A COLLISION

Complete this section if the customer alleges the **FRONT PASSENGER** airbag did not deploy in a collision. (Effective with the MY2007 NHTSA required all vehicles to be equipped with a Passenger Presence System.) Many vehicles were equipped with this feature prior to MY2007. Check the owner's manual and labels in the vehicle. The following information may be useful in evaluating those concerns.

If transfer marks are present, please provide: Age Height (feet & inches) Weight (lbs)

Note: For details on the front passenger's physical description, please refer to Section 2.

Record and photograph the passenger seat position measurement.

Seat track position: Inches 5.50

Measure the moveable track position in relation to the stationary base of the track at the front. Is the track forward of, or back from the base? Forward of Back from

Photograph the measurement.

Driver seat position and its distance to the IP: 11.00 Inches

NOTE: THE FOLLOWING TEST WILL NOT WORK IF THE DOWNLOAD IS TAKEN DIRECTLY FROM THE SDM. RECONNECT SDM TO VEHICLE HARNESS TO PERFORM THE TEST. Take photos for documentation.

Perform the following check for vehicles equipped with a passenger airbag status indicator. NOTE: For some vehicles the key must be in the "on", or "run" position to perform the check.

Observe the PASSENGER airbag status indicator. Is the passenger airbag system "ON"? Yes No

Sit in the passenger seat and observe the status indicator. Is the passenger airbag system "ON"? Yes No

Photograph the seat cover and cushion

Photograph any signs of the RF seat occupant contact with the I/P or other interior area.

If the vehicle is a truck or a car trailering cargo at the time of the incident, estimate total weight of cargo and trailer	
Load description:	(lbs)

Any objects in the road? Yes No

If yes, describe:

Did vehicle leave the roadway? Yes No

If yes, what was impacted?

Was there any evasive action? Turning Braking Accelerating Other:

R006 Restraint			
Vehicle brand:	Chevrolet	Inspection date:	03/20/2013
Case #:	71-1163533109	Year/Model:	2012 / Cruze
		VIN:	1G1PF5SC7C7

Road Surface:	<input checked="" type="checkbox"/> Concrete	<input type="checkbox"/> Asphalt	<input type="checkbox"/> Gravel	<input type="checkbox"/> Crushed Rock	<input type="checkbox"/> Dirt
Road Condition:	<input checked="" type="checkbox"/> Dry	<input type="checkbox"/> Wet	<input type="checkbox"/> Icy	<input type="checkbox"/> Other:	<input type="checkbox"/> Dirt
Shoulder/Curb Condition:	<input checked="" type="checkbox"/> Dry	<input type="checkbox"/> Wet	<input type="checkbox"/> Icy	<input type="checkbox"/> Other:	<input type="checkbox"/> Dirt
Select One---->	<input checked="" type="checkbox"/> Shoulder	<input type="checkbox"/> Curb			

Any unusual noises (bang, pop, tick, grinding, metallic, roar, etc.)? Yes No
 If Yes, from where? _____

Prior to or after the incident, were there any warning lights on, or messages displayed on the Driver's Information Center? Yes No
 If Yes, what indicator? Airbag warning light was on after incident.

Has this condition been observed prior to this incident? Yes No
 If yes, how often? _____

Was the repair facility contacted regarding this concern? Yes No
 Is an invoice for the repair available? Yes No
 If Yes, what was the outcome? _____

Additional comments concerning the incident:

Section 3 VEHICLE HISTORY

---Obtain information for this section from Driver / Claimant---

If any information for this section is obtained from anyone other than the claimant, provide the name, address, phone number and relationship, if any, to the claimant

Name:	
Address:	
Phone number:	
Relationship to claimant:	

Did the owner purchase the vehicle new? Yes No
 If yes, date of purchase? 03/17/2012

If purchased used, provide the name, address of the seller and data of purchase:

Name:	
Address:	
Date of purchase:	

VEHICLE REPAIR / SERVICE HISTORY

If the answer is "Yes" to any of the following three questions, describe the repairs. Obtain copies of the repair order(s) if possible, and document the name of the service facility, its address, and telephone number.

Any repairs outside of warranty? Yes No

If yes, provide dates, descriptions of the repair(s) and repair invoices if possible:

Date	Repair Description / By Whom?

Prior electrical system service? Yes No

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.1

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
Case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

If yes, provide the following:

Date	Description

Prior collision repair? Yes No

If yes, provide the following:

Date	Description

Prior SIR and/or seat belt service, repair, or replacement? Yes No

If yes, provide the following:

Date	Description

VEHICLE MODIFICATIONS / ALTERATIONS

Ask if there are any vehicle modifications or alterations present, and has any after-market equipment been installed? Remember that if the vehicle has been pre-owned, the current owner may not know of any/all changes to the vehicle.

<input type="checkbox"/> Remote Start	<input type="checkbox"/> Suspension	<input type="checkbox"/> Tires/Wheels	<input type="checkbox"/> Turbo	<input type="checkbox"/> Aftermarket Exhaust
<input type="checkbox"/> Body Modifications	<input type="checkbox"/> Towing Equip.	<input type="checkbox"/> Security Alarm	<input type="checkbox"/> Wiring	<input type="checkbox"/> Headers
<input type="checkbox"/> Unknown				

If yes, describe component, who installed it, and capture photos:

Exterior side window vent shades. See photos #7, 9, and 19 of the photo log.

Other vehicle history information from interview, GM Warranty, or Dealership history files? Yes No

If Yes, describe & make copies:

GM Vehicle History. See attached files.

Section 4

VEHICLE / SYSTEM INSPECTION

---Note---

Do Not "Clear Codes" from any on board module(s)

Use the scan tool to capture all diagnostic trouble codes (current or history), and photograph the screens (if a scan tool was used).

DTC	Symptom	Description	Current	History
		Inspection was performed at a salvage yard. No diagnostic equipment other than CDR was available.		

AIRBAG LIGHT FUNCTIONAL TEST RESULTS:

Airbag warning light came "ON" with the ignition key, blinked several times and went "OUT"? Yes

Airbag warning light came "ON" with the ignition key, blinked several times and stayed "ON"? Yes

Describe any other results:

Turn on ignition, observe seat belt light. On? Yes No

Buckle driver's seat belt. Seat belt light on? Yes No

When sitting in the passenger seat, does the passenger seat belt warning light (if equipped), illuminate when the belt is not buckled and go "OFF" when it is buckled? Yes No

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.1

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
Case #:	71-1163533109	VIN:	1G1PF5SC7C ██████████

SDM Crash Data Collection:

Describe and photograph any evidence that the passenger compartment may have had moisture intrusion or the SDM has incurred any damage due to moisture/corrosion. Visually inspect the carpet and floor pan for moisture and the SDM electrical connector male and female ends for signs of corrosion. If the SDM is mounted under a seat, visually inspect for any foreign objects that could affect the airbag system operation and, if found, inspect the area very carefully. Photograph as needed.

If the vehicle is equipped with roll-over protection, download the ROS data after downloading the CDR data. (See ROS Coverage document to determine whether vehicle is supported, and/or observe the icons on the function bar on the CDR screen.) SUV-type vehicles may have roll-over protection. An "Airbag" name will be embossed on the trim at the A and possibly B pillars of the vehicle.

NOTE: Some vehicles do not require the ignition key to be in the ignition "on" position in order to download the data

- OBTAIN DERM/SDM DOWNLOADS FOR ALL INADVERTENT DEPLOYMENT ALLEGATIONS
- IF POSSIBLE, AVOID CYCLING THE IGNITION KEY ON/OFF PRIOR TO OBTAINING THE DOWNLOAD
- PHOTOS OF THE CDR SCREEN ARE REQUIRED TO SHOW ANY ERROR MESSAGES

NOTE: Save the raw CDR and ROS files, and then a PDF files. Submit all files with report.

Was the CDR download available?

Yes No

If "No", describe:

How was download obtained?

ALDL / DLC Directly from module using adapter harness w/ Bosch CDR

If the download was obtained directly from the module, was the module removed from the vehicle?

Yes No

If removed from the vehicle, describe and photograph the conditions under which the module was mounted when the download was obtained:

FRONT AREA: Describe any damage to the front of the vehicle. Observe and photograph whether the hood is opened, if it contacted or penetrated the windshield, and the location of the contact.

Hood: See photos #6, 7, 11, and 27 of the photo log.
 Front bumper fascia: See photos #06, 23 – 25 of the photo log.
 Right Headlamp: See photos #6 and 23 – 25 of the photo log.
 Windshield: See photo #10 of the photo log.
 Right exterior "A" pillar: See photo #21 of the photo log.
 Upper radiator support: See photo #11 of the photo log.
 Air filter assembly: See photos #11 and 26 of the photo log.
 Under hood damage to A/C system: See photo #26 of the photo log.

LEFT SIDE EXTERIOR: Describe any damage to the door(s) and other body panels. Determine whether any door opened as a result of the impact. If so, photograph the latch, striker and the hinges.

Left front fender: See photo #17 of the photo log.
 Left side hood hinge and exterior "A" pillar: See photo #28 of the photo log.
 Left front rocker panel trim: See photo #18 of the photo log.

RIGHT SIDE EXTERIOR: Describe any damage to the door(s) and other body panels. Determine whether any door opened as a result of the impact. If so, photograph the latch, striker and the hinges.

Right front fender: See photos #7, 21 – 26 of the photo log.
 Right front rim: See photo #16 of the photo log.
 Right side exterior "A" pillar: See photo #21 of the photo log.

REAR AREA: Describe any damage to the rear of the vehicle. Observe and photograph whether the deck lid or rear hatch opened and note if the spare tire separated from the vehicle.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.1

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
Case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

Rear Bumper Fascia: See photo #30 of the photo log. Looks to be prior damage.
 Right Rear Tail Lamp: See photo #29 of the photo log. Prior damage.

ROOF / ROOF STRUCTURE: Describe any damage to the roof of the vehicle. Note if any convertible tops or removable roof panels did not remain attached, and photograph the latches.

Right Side of Roof: See photo #19 of the photo log.

UNDERBODY / FRAME / CHASSIS AREA: The underbody should be carefully inspected and any damage to the underside of the vehicle completely described. Note the condition of the bumpers, frame, suspension, tires, wheels, & engine mount(s)/cross member. Briefly describe any damage or signs of impact to areas of the underbody and provide photos in the photo log.

No underbody inspection could be performed since inspection was performed in a salvage yard.

SIDE IMPACT INSPECTION

Identify and photograph the following items:

1. Door hinges on struck side damaged?
2. Door hinges on struck side separated?
3. Damage to striker/latch system?
4. Any rubber or paint transferred to the subject vehicle?
5. Damage from extrication tools (Jaws of Life)?
6. Separation of sheet metal along weld seams (doors, rocker panels, etc...)?
7. Side door beam damaged? (Photos if possible)
8. Side beam welds separated? (Photos if possible)
9. Interior door trim damaged?
10. Interior roof trim damaged near door opening?

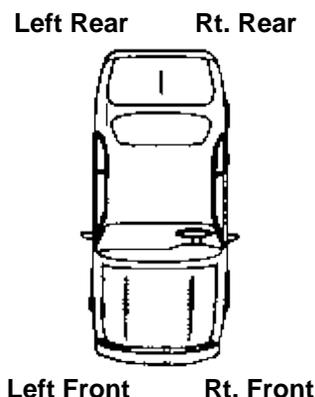
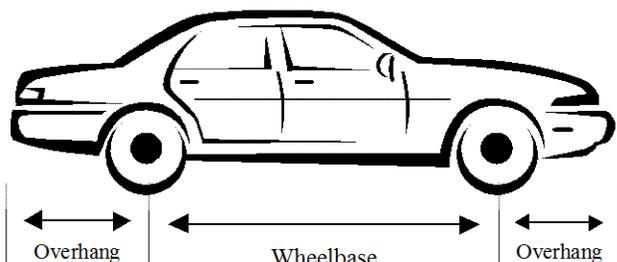
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No

Identify and photograph the following (note the "non-struck" items):

1. Hinges on "non-struck" side
2. Latch/striker on "non-struck" side
3. Door trim on "non-struck" side
4. Headliner / roof trim on "non-struck" side
5. Overhead view (if possible)
6. Underbody, front & rear suspension
7. Striking vehicle
8. Any other vehicles involved

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.1			
Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
Case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

STRUCTURAL DEFORMATION/CRUSH AREAS



Please check all that apply:

Type of impact(s)? Frontal Side Rear Rollover Other: Roof

The following dimensions should be obtained as they are important in determining the magnitude of the impact to the vehicle. See diagram for definitions of overhang. Do not report "No Change" in this section.

All values in inches:

Driver side wheelbase	<input type="text"/>	Passenger side wheelbase	<input type="text"/>
Driver side front overhang	<input type="text"/>	Passenger side front overhang	<input type="text"/>
Driver side rear overhang	<input type="text"/>	Passenger side rear overhang	<input type="text"/>

Maximum depth of crush (Inches):	<input type="text"/>	Front	<input type="text"/>	Driver's side
	<input type="text"/>	Rear	<input type="text"/>	Passenger's side
	<input type="text"/>	Roof	<input type="text"/>	

Additional comments regarding exterior damage:

No measurements possible. No visible reduction in wheel base. No assistance was available to take measurements.

PRIOR DAMAGE

Document and photograph any damage that appears to have been present prior to this incident:

Rear bumper fascia: See photo #30 of the photo log.
 Right rear tail lamp: See photo #29 of the photo log.
 Does customer allege non-deployment of side airbags or roof rail airbags? Yes No

NOTE: Complete the following if the customer allegation involves NON DEPLOYMENT of the side impact airbags or roof rail airbags. Otherwise leave the remaining portion of section blank. Identify and photograph the following items:

Door hinges on struck side damaged?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Door hinges on struck side separated?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Damage to striker/latch system?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Any rubber or paint transferred to the subject vehicle?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Damage from extrication tools (e.g. jaws of life)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Separation of sheet metal along weld seams (doors, rocker panels, etc...)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Side door beam damaged? (Photos if possible)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Side beam welds separated (Photos if possible)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Interior door trim damaged?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Interior roof trim damaged near door opening?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.1			
Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
Case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

Additional comments:

Photograph the following:

Hinges on non-struck side	<input checked="" type="checkbox"/>	Overhead view (if possible)	<input checked="" type="checkbox"/>
Latch/striker on non-struck side	<input checked="" type="checkbox"/>	Door trim on non-struck side	<input type="checkbox"/>
Underbody, front & rear suspension	<input type="checkbox"/>	Headliner / roof trim on non-struck side	<input type="checkbox"/>
Striking vehicle (If available)	<input type="checkbox"/>	Any other vehicles involved (if possible)	<input type="checkbox"/>

INTERIOR INSPECTION (Photograph the side view of the steering wheel and column, the interior, and deployed airbags)

Interior reduced in size?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Where:
Intrusion by an external object?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Loose objects inside?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Cowl deformed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Floorpan / Toe-pan deformed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Headliner / visors damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Inside rear-view mirror damaged	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Door trim damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Steering column displaced?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Steering column capsule bracket displaced?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Control knobs/ levers damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Accelerator/brake pedals deformed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Instrument panel damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Lower IP/Kneed bolster damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:

If any of the following are "Yes", capture photographs

Driver front airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger front airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Driver side airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger side airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Driver roof rail airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger roof rail airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Other? (pretensioners, etc.)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Other:

Windshield (W/S) damaged?

<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
-------------------------------------	-----	--------------------------	----

If Yes?

<input checked="" type="checkbox"/>	Cracked	<input type="checkbox"/>	Broken (Top inner layer)	<input type="checkbox"/>	Damaged by occupant contact
-------------------------------------	---------	--------------------------	--------------------------	--------------------------	-----------------------------

W/S separated from vehicle?

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	% (Approx.)	Approximate % of perimeter separation
--------------------------	-----	-------------------------------------	----	--------------------------	-------------	---------------------------------------

Steering wheel damaged?

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Rim	<input type="checkbox"/>	Hub

If Yes:

If yes, describe?

If applicable, indicate the "clock" position of damage to the steering wheel:

<input type="checkbox"/>	o'clock
--------------------------	---------

(NOTE: The top of the steering wheel assembly is 12 o'clock, regardless if the wheel itself is turned.)

Tilt steering wheel?

<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No		
<input type="checkbox"/>	Low	<input checked="" type="checkbox"/>	Med	<input type="checkbox"/>	High

If yes, position?

Telescoping steering wheel?

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No		
<input type="checkbox"/>	Forward	<input type="checkbox"/>	Middle	<input type="checkbox"/>	Rearward

If yes, position?

IF THERE WERE ANY TRANSFER MARKS PRESENT ON THE STEERING WHEEL, PHOTOGRAPH THEM

Were transfer marks present (clothing, makeup, etc.)? No Yes

If yes, describe?

R006 Restraint			
		Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
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If the SDM is located under a seat, visually inspect for foreign objects and water intrusion that could damage the module or its wiring. If any exist, remove the seat and conduct a more extensive examination of the area. Describe findings and photograph.

Any signs of water intrusion? Yes No

If yes, describe:

SEAT INSPECTION (Photograph damaged areas)

Type of front seat? Bucket Bench 50/50 Split Bench 60/40 Split Bench

DRIVER'S SEAT INFORMATION

Seat damage?

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<input type="checkbox"/> Seat bottom	<input type="checkbox"/> Backrest
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

If Yes, location?

Seatback struck by rear occupant?

If yes, describe:

RIGHT FRONT PASSENGER SEAT INFORMATION

Seat damage?

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<input type="checkbox"/> Seat bottom	<input type="checkbox"/> Backrest
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

If Yes, location?

Seatback struck by rear occupant?

If yes, describe:

Additional info regarding seat damage (Front or rear):

WINDOW INSPECTION

Note all window conditions: Only the windshield is damaged.

RESTRAINT SYSTEM INSPECTION

Note: Do not "Clear Codes" from the on-board computer(s)

If equipped, are the pretensioners activated / deployed? Yes No

"Alleged", SIR Unit(s):

<input checked="" type="checkbox"/> Driver front	<input checked="" type="checkbox"/> Passenger front	<input type="checkbox"/> Driver side (door/seat)	<input type="checkbox"/> Passenger side (door/seat)
<input type="checkbox"/> Driver knee bag	<input type="checkbox"/> Passenger knee bag	<input type="checkbox"/> Roof rail airbag(s)	<input type="checkbox"/> Other:
<input type="checkbox"/> Driver Pretensioner	<input type="checkbox"/> Passenger Pretensioner		

Inspector's Note #2: The customer claims the driver's and passenger's frontal airbags should have deployed.

Actual Deployed SIR(s):

<input type="checkbox"/> Driver front	<input type="checkbox"/> Passenger front	<input type="checkbox"/> Driver side (door/seat)	<input type="checkbox"/> Passenger side (door /seat)
<input type="checkbox"/> Driver knee bag	<input type="checkbox"/> Passenger knee bag	<input type="checkbox"/> Roof rail airbag(s)	<input checked="" type="checkbox"/> Other: NONE
<input type="checkbox"/> Driver Pretensioner	<input type="checkbox"/> Passenger Pretensioner		

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.1			
Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
Case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

INSPECT SIR WIRING and SENSORS (IF VISIBLE)

SIR wiring damaged?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:
SIR sensors damaged / disconnected?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:

If any airbag(s) deployed was it the:

Driver front airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:

Passenger front airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:

Driver side airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:

Passenger side airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:

Roof rail airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:

SDM Crash Data Collection:

Describe and photograph any evidence that the passenger compartment may have had moisture intrusion or the SDM has incurred any damage due to moisture/corrosion. Visually inspect the carpet and floor pan for moisture and the SDM electrical connector male and female ends for signs of corrosion. If the SDM is mounted under a seat, visually inspect for any foreign objects that could affect the airbag system operation and, if found, inspect the area very carefully. Photograph as needed.

If the vehicle is equipped with roll-over protection, download the ROS data after downloading the CDR data. (See ROS Coverage document to determine whether vehicle is supported, and/or observe the icons on the function bar on the CDR screen.) SUV-type vehicles may have roll-over protection. An "Airbag" name will be embossed on the trim at the A and possibly B pillars of the vehicle.

NOTE: Some vehicles do not require the ignition key to be in the ignition "on" position in order to download the data

- OBTAIN SDM DOWNLOADS FOR ALL INADVERTENT DEPLOYMENT ALLEGATIONS
- IF POSSIBLE, AVOID CYCLING THE IGNITION KEY ON/OFF PRIOR TO OBTAINING THE DOWNLOAD
- PHOTOS OF THE CDR SCREEN ARE REQUIRED TO SHOW ANY ERROR MESSAGES

NOTE: Save the raw CDR and ROS files and then save them as PDF type files. Submit all .CDRx and PDF files with report.

Was the CDR download available? Yes No

If "No", describe:

How was download obtained? ALDL / DLC Directly from module using adapter harness w/ Bosch CDR

If the download was obtained directly from the module, was the module removed from the vehicle? Yes No

If removed from the vehicle, describe/photograph the conditions under which the module was mounted when the download was obtained:

R006 Restraint			
		Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
Case #:	71-1163533109	VIN:	1G1PF5SC7C7

RESTRAINT SYSTEM INSPECTION (SEAT BELTS)

IF A COLLISION OCCURRED, THE SEAT BELTS SHOULD BE INSPECTED FOR SEAT BELT(S) POSITIONS OF ALL OCCUPANTS AT THE TIME OF COLLISION.

Location of inspected seatbelts:

<input checked="" type="checkbox"/> Driver	<input type="checkbox"/> Center front	<input type="checkbox"/> Passenger	<input type="checkbox"/> Third Row
<input type="checkbox"/> Driver's side rear	<input type="checkbox"/> Center rear	<input type="checkbox"/> Right rear	

Photograph: The overall belt assembly (both outboard positions, even if only the driver was present in the vehicle at the time of the incident). All visible components of the seat belt system and anchor points

If equipped, are the pretensioners activated / deployed? Yes No

NOTE: Answer the following questions for the driver's seat belt. If other seat belt positions are inspected, use the seat belt addendum to report inspection results. Identify and photograph the following items:

Is the driver's seatbelt fully retracted? Yes No

IF THE ANSWER IS NO, DO NOT DISTURB BELTS AT THIS TIME.

Secure webbing, measure length, and show measurement in a photo: Inches

If abnormalities are seen during the following, ensure you capture measurements and photos of the damage.

Does the webbing spool in and out freely (minimal effort)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	<input type="checkbox"/> Lap	<input type="checkbox"/> Shoulder
Marks, cuts or debris present on shoulder and lap belt webbing?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Webbing energy management loops (if equipped) - stitches pulled free, unfolded, replacement/warning label exposed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Tack stitch separated from plastic sleeve?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Webbing cut?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does guide loop assembly exhibit striations, bent, or deformed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does guide loop adjuster move up and down (if equipped)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the seat belt buckle latch and unlatch?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the seat belt return to the stowed position when unbuckled?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Buckle condition (worn or foreign material present)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Any components missing?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the seat belt return to the stowed position when unbuckled?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Any post-collision damage present (e.g. rescue workers)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is the seat belt webbing cut? (If yes, photograph and record length of pieces):	<input type="text"/> Inches	

NOTE: If there were occupants in other seating positions, inspect those seating positions and report the results on the seat belt addendum. Include it with your report.

If possible, perform a dynamic "panic stop" type test with the vehicle.

Do the retractors on the belts being inspected appear to lock and hold properly? Yes No

If No, describe:

If vehicle is not drivable, jerk each belt inspected rapidly. (Note: Some inertia activated retractors will not lock on this test.) Did the retractors lock? Yes No

If No, which belts do not lock/hold?

Additional comments? The vehicle is not drivable, has no interior compartment deformation, or damage.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.1

Customer's last name:	██████████	Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
Case #:	71-1163533109	VIN:	1G1PF5SC7C7██████████

Section 5 SITE INSPECTION

NOTE: In most instances a site inspection is not required on vehicles with no damage present (e.g. claimant says they hit a pot hole...)

Was a site inspection performed? Yes No

Comments?

Posted speed where the incident occurred? (mph)

SITE INSPECTION: PERFORM THE FOLLOWING IF ADDITIONAL INFORMATION MAY BE FOUND:

- If the customer can identify the incident scene and verify tire marks, gouges in the pavement, debris, or any police marks at the scene, measure location of the items and photograph.
- Identify evidence of whether the vehicle left the road prior to, during, or after the incident. Document all locations, distances, etc...
- Identify evidence & photograph any object struck by the vehicle on or off the road prior to, during, or after incident.
- Inspect roadway & shoulder surfaces in the area of the incident site for telltale signs of loss of control, excessive speed, severe braking, etc.

Photograph the scene and any property involved. Only factual comments should be entered in this section:

Section 6 COMMENT OVERFLOW

Please use this area for additional comments from the inspection form. Please note the section and area that the comments are continued from prior to each comment.

Section 7 OTHER REPORT INFORMATION

Check here if there was evidence of a "Fire-Related" event.

According to NHTSA, "fire" means combustion or burning of material in or from a vehicle as evidenced by flame. The term also includes, but is not limited to, thermal events and fire-related phenomena such as smoke, sparks or smoldering, but does not include events and phenomena associated with a normally functioning vehicle, such as combustion of fuel within an engine or exhaust from an engine.

Attachments: (Check all that apply)

Photographs Data Downloads Other Records

Jose Garcia/Austin/GM1
03/29/2013 09:53 AM

To: bonnie.wojtasik@gm.com
cc
bcc
Subject: 71-1168330536 PAC Case Sent to ESIS No Action Required

A product allegation claim has been made in your region. The customer is alleging non-deployment of airbags during collision. This case is being escalated to ESIS because of injuries.

[REDACTED]
2012 Chevrolet Sonic
1G1JC6SH5C4 [REDACTED]
No involved dealer

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

Best wishes,
Joe Garcia | CRS

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7401 E. Ben White Blvd, Bldg. F, Austin, TX 78741
Phone 866-790-5600 x11291 | Fax 866-270-0217 | www.minacs.adityabirla.com

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September 18, 2013

[REDACTED]
Cypress, CA [REDACTED]

Service request: 71-1169941014

Vehicle Identification Number: 1G1PC5SH4C7 [REDACTED]

Customer Relationship Specialist: Deongella

Dear Mr. [REDACTED]:

Thank you for allowing us the opportunity to review the product allegation involving your 2012 Chevrolet Cruze. Unfortunately, our attempts to reach you by phone on May 8, 9th and 13, 2013 were unsuccessful.

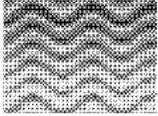
Therefore, we will not be able to take any further action regarding your concern until we have an opportunity to discuss this with you.

Please contact our Business Resource Center at 1-800-231-1841 Monday through Friday between 8:00 a.m. and 5:00 p.m., Eastern Time. Please refer to your service request number above when calling.

Sincerely,

General Motors

cc: FILE



Deongella
Bruce/Austin/GM1
04/03/2013 11:08 AM

To michael.d.parker@gm.com
cc
bcc
Subject 71-1169941014 - PAC Case Handled within BRC No Action
Required

Customer: [REDACTED]
2012 Chevrolet Cruze
No VIN
No dealer involved

A product allegation claim has been made in your district. The customer is alleging a non air bag deployment.

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

Deongella M. Bruce
Business Resource Center | Product Assistance Claims Department

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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	1G1PC5SH4C7 [REDACTED]
User	Ron Murphy
Case Number	71-1169941014
EDR Data Imaging Date	04/16/2013
Crash Date	04/01/2013
Filename	1G1PC5SH4C [REDACTED].ACM.CDRX
Saved on	Tuesday, April 16 2013 at 14:29:51
Collected with CDR version	Crash Data Retrieval Tool 10.1
Reported with CDR version	Crash Data Retrieval Tool 10.1
EDR Device Type	Airbag Control Module
Event(s) recovered	Non-Deployment

Comments

No comments entered.

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.
- 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 deployment times for subsequent deployment type events, during the same ignition cycle, will not be recorded. Also, forced timer loops, will not be shown as being commanded to deploy. Loops without their own independent deployment calibration are called "forced timer loops." Examples of a forced timer loops are Pretensioner Deployment Loop #2 and Knee Deployment Loop.
- 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.

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

01042_SDM10P-autoliv_r011

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	0
Vehicle Identification Number (VIN)	1G1PC5SH4C7355618
Ignition Cycle, Download (Ignition Cycles at Investigation)	1295
End Model Part Number	00CF4CCF
System Type	Autoliv
Software Module Identifier 1	00CF4CCB
Software Module Identifier 2	05AA8480
Software Module Identifier 3	00CF2D7D
Manufacturing Traceability Data, Component Identifier	AS
Manufacturing Traceability Data, Part Number/Broadcast Code	5615
Manufacturing Traceability Data, Supplier Code	E
Manufacturing Traceability Data, Traceability Number	050223771
ESS # 1 Traceability Data, Component Identifier	AU
ESS # 1 Traceability Data, Part Number/Broadcast Code	2577
ESS # 1 Traceability Data, Supplier Code	E
ESS # 1 Traceability Data, Traceability Number	0162C6BE8
ESS # 2 Traceability Data, Component Identifier	AT
ESS # 2 Traceability Data, Part Number/Broadcast Code	2577
ESS # 2 Traceability Data, Supplier Code	E
ESS # 2 Traceability Data, Traceability Number	01619AABA
ESS # 3 Traceability Data, Component Identifier	AH
ESS # 3 Traceability Data, Part Number/Broadcast Code	2577
ESS # 3 Traceability Data, Supplier Code	E
ESS # 3 Traceability Data, Traceability Number	0162689A9
ESS # 4 Traceability Data, Component Identifier	AJ
ESS # 4 Traceability Data, Part Number/Broadcast Code	2577
ESS # 4 Traceability Data, Supplier Code	E
ESS # 4 Traceability Data, Traceability Number	01626899E
ESS # 5 Traceability Data, Component Identifier	DA
ESS # 5 Traceability Data, Part Number/Broadcast Code	4936
ESS # 5 Traceability Data, Supplier Code	E
ESS # 5 Traceability Data, Traceability Number	0162631A4
ESS # 6 Traceability Data, Component Identifier	DB
ESS # 6 Traceability Data, Part Number/Broadcast Code	4936
ESS # 6 Traceability Data, Supplier Code	E
ESS # 6 Traceability Data, Traceability Number	0162CB53E
ESS # 7 Traceability Data, Component Identifier	00
ESS # 7 Traceability Data, Part Number/Broadcast Code	0000
ESS # 7 Traceability Data, Supplier Code	E
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	E
ESS # 8 Traceability Data, Traceability Number	000000000

System Status at Event (Event Record 1)

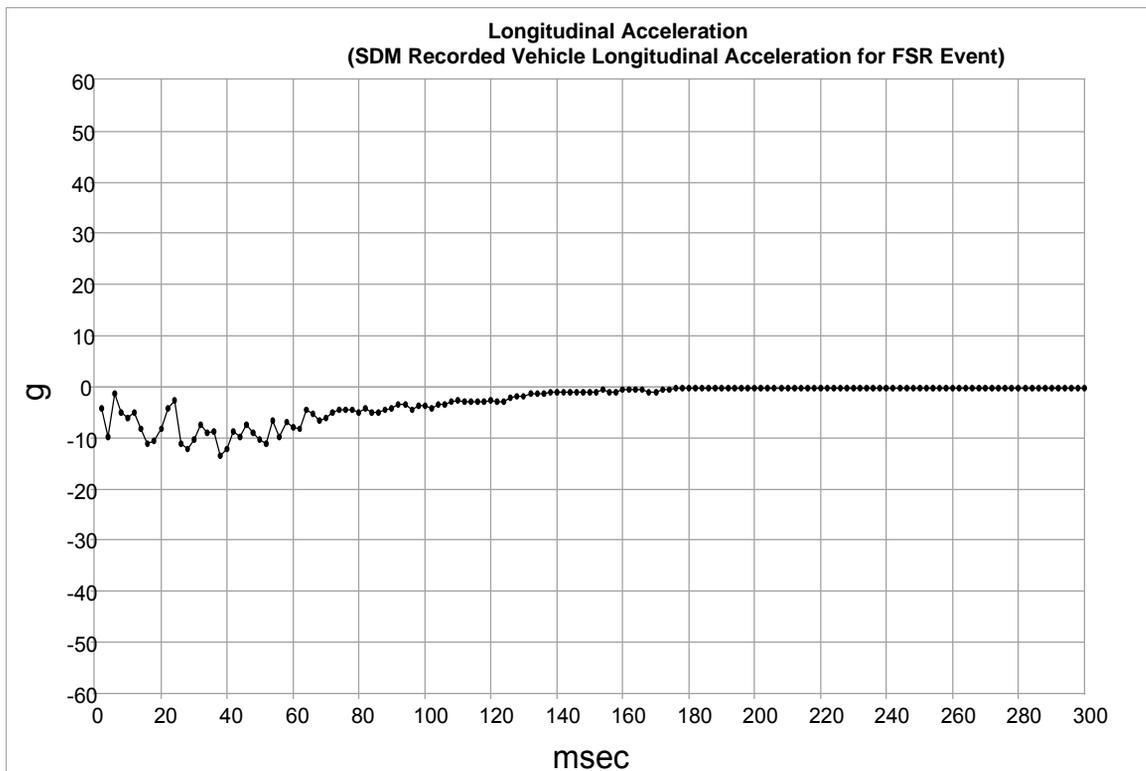
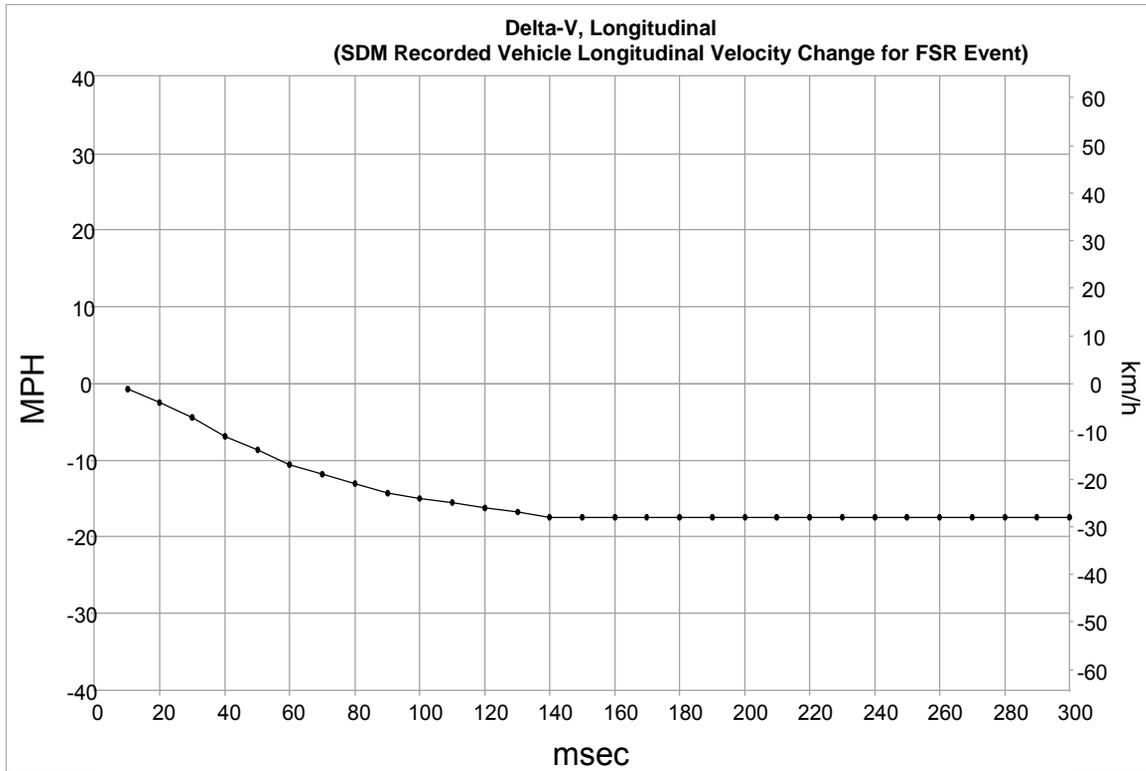
Type of event (deployment/non-deployment)	Non-Deployment
Data Recording Complete - Deployment Status Data	Yes
Complete file recorded (Event Recording Complete)	Yes
Crash Record Locked	No
Data Recording Complete - SDM Recorded Vehicle Velocity Change Data	Yes
Deployment Event Counter	0
Multi-Event, Number 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)	1269
Algorithm Active: Frontal	Yes
Algorithm Active: Side	Yes
Algorithm Active: Rollover	Yes
Algorithm Active: Rear	No
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	No
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)	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	Occupied
Passenger Classification Status	Small Adult
Passenger Air Bag ON Indicator Status	N/A
Passenger Air Bag OFF Indicator Status	Off
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)	655330
Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	1220
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]	-18 [-29]
Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM Recorded Vehicle Velocity Change)(msec)	174
Maximum Delta-V, Lateral (Maximum Lateral SDM Recorded Vehicle Velocity Change for FSR Event) MPH [km/h]	-2 [-4]
Time Maximum Delta-V, Lateral (Time From FSR Time Zero to Maximum Lateral SDM Recorded Vehicle Velocity Change)(msec)	48

DTCs Present at Time of Event (Event Record 1)
No Diagnostic Trouble Codes

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	No
Passenger Pretensioner Deployment Loop #1 Commanded	No
Driver Pretensioner Deployment Loop #2 Commanded	No
Passenger Pretensioner Deployment Loop #2 Commanded	No
Driver Thorax Loop Commanded (If Equipped)	No
Passenger Thorax Loop Commanded (If Equipped)	No
Driver Row 2 Thorax Loop Commanded (If Equipped)	No
Passenger 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
Driver Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Passenger Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Driver Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Passenger 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
Driver Row 2 Pretensioner Deployment Loop Commanded	No
Passenger 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
Driver Row 2 Head Rest Loop Commanded (If Equipped)	No
Passenger 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)	Data Not Available
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)	Data Not Available

Longitudinal Crash Pulse (Event Record 1)



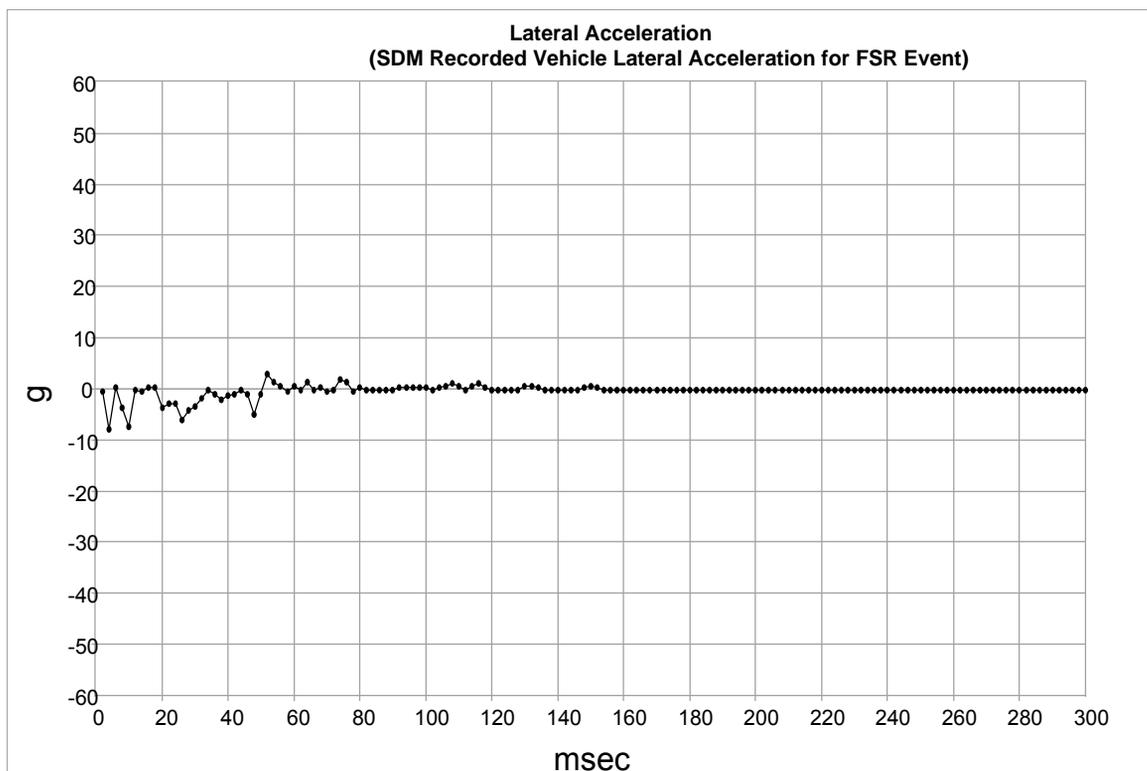
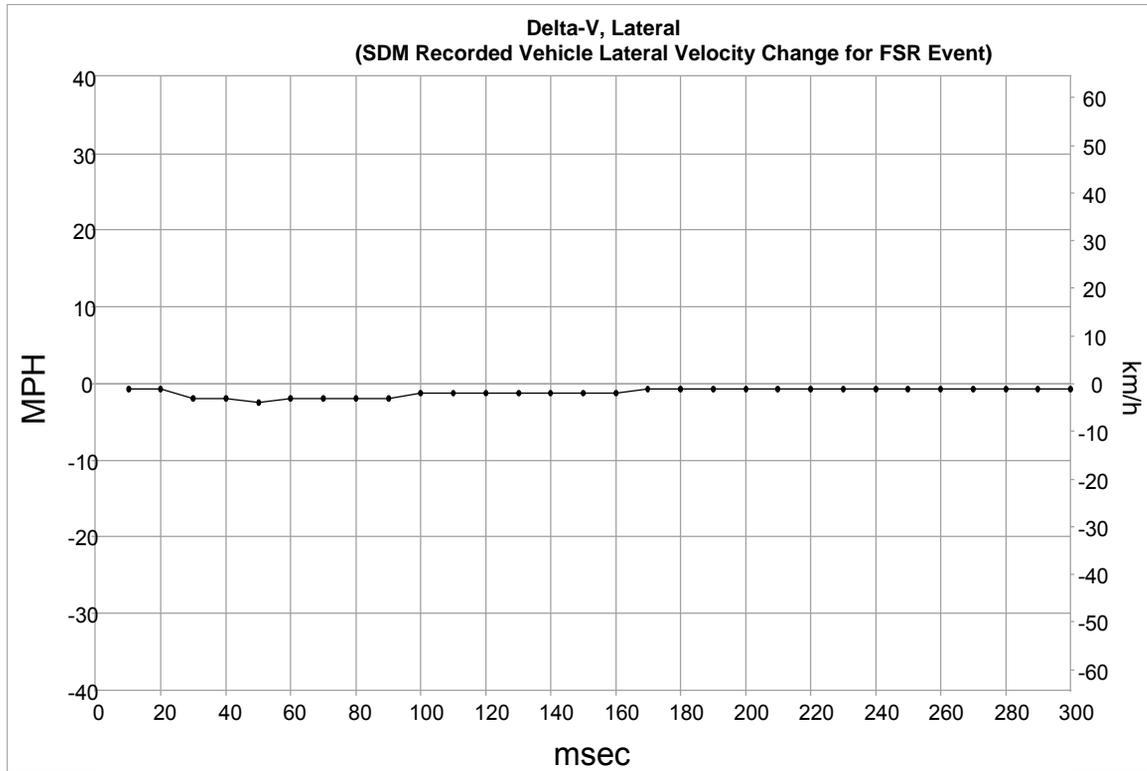
Longitudinal Crash Pulse (Event Record 1)

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	-0.6	-1.0
20	-2.5	-4.0
30	-4.3	-7.0
40	-6.8	-11.0
50	-8.7	-14.0
60	-10.6	-17.0
70	-11.8	-19.0
80	-13.0	-21.0
90	-14.3	-23.0
100	-14.9	-24.0
110	-15.5	-25.0
120	-16.2	-26.0
130	-16.8	-27.0
140	-17.4	-28.0
150	-17.4	-28.0
160	-17.4	-28.0
170	-17.4	-28.0
180	-17.4	-28.0
190	-17.4	-28.0
200	-17.4	-28.0
210	-17.4	-28.0
220	-17.4	-28.0
230	-17.4	-28.0
240	-17.4	-28.0
250	-17.4	-28.0
260	-17.4	-28.0
270	-17.4	-28.0
280	-17.4	-28.0
290	-17.4	-28.0
300	-17.4	-28.0

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	-4.2	102	-4.2	202	-0.2
4	-9.8	104	-3.4	204	-0.2
6	-1.4	106	-3.4	206	-0.2
8	-5.0	108	-3.0	208	-0.2
10	-6.2	110	-2.6	210	-0.2
12	-5.0	112	-3.0	212	-0.2
14	-8.2	114	-3.0	214	-0.2
16	-11.0	116	-3.0	216	-0.2
18	-10.6	118	-3.0	218	-0.2
20	-8.2	120	-2.6	220	-0.2
22	-4.2	122	-3.0	222	-0.2
24	-2.6	124	-3.0	224	-0.2
26	-11.0	126	-2.2	226	-0.2
28	-12.2	128	-1.8	228	-0.2
30	-10.2	130	-1.8	230	-0.2
32	-7.4	132	-1.4	232	-0.2
34	-9.0	134	-1.4	234	-0.2
36	-8.6	136	-1.4	236	-0.2
38	-13.4	138	-1.0	238	-0.2
40	-12.2	140	-1.0	240	-0.2
42	-8.6	142	-1.0	242	-0.2
44	-9.8	144	-1.0	244	-0.2
46	-7.4	146	-1.0	246	-0.2
48	-9.0	148	-1.0	248	-0.2
50	-10.2	150	-1.0	250	-0.2
52	-11.0	152	-1.0	252	-0.2
54	-6.6	154	-0.6	254	-0.2
56	-9.8	156	-1.0	256	-0.2
58	-7.0	158	-1.0	258	-0.2
60	-7.8	160	-0.6	260	-0.2
62	-8.2	162	-0.6	262	-0.2
64	-4.6	164	-0.6	264	-0.2
66	-5.4	166	-0.6	266	-0.2
68	-6.6	168	-1.0	268	-0.2
70	-6.2	170	-1.0	270	-0.2
72	-5.0	172	-0.6	272	-0.2
74	-4.6	174	-0.6	274	-0.2
76	-4.6	176	-0.2	276	-0.2
78	-4.6	178	-0.2	278	-0.2
80	-5.0	180	-0.2	280	-0.2
82	-4.2	182	-0.2	282	-0.2
84	-5.0	184	-0.2	284	-0.2
86	-5.0	186	-0.2	286	-0.2
88	-4.6	188	-0.2	288	-0.2
90	-4.2	190	-0.2	290	-0.2
92	-3.4	192	-0.2	292	-0.2
94	-3.4	194	-0.2	294	-0.2
96	-4.6	196	-0.2	296	-0.2
98	-3.8	198	-0.2	298	-0.2
100	-3.8	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	-0.6	-1.0
20	-0.6	-1.0
30	-1.9	-3.0
40	-1.9	-3.0
50	-2.5	-4.0
60	-1.9	-3.0
70	-1.9	-3.0
80	-1.9	-3.0
90	-1.9	-3.0
100	-1.2	-2.0
110	-1.2	-2.0
120	-1.2	-2.0
130	-1.2	-2.0
140	-1.2	-2.0
150	-1.2	-2.0
160	-1.2	-2.0
170	-0.6	-1.0
180	-0.6	-1.0
190	-0.6	-1.0
200	-0.6	-1.0
210	-0.6	-1.0
220	-0.6	-1.0
230	-0.6	-1.0
240	-0.6	-1.0
250	-0.6	-1.0
260	-0.6	-1.0
270	-0.6	-1.0
280	-0.6	-1.0
290	-0.6	-1.0
300	-0.6	-1.0

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	-0.6	102	-0.2	202	-0.2
4	-7.8	104	0.2	204	-0.2
6	0.2	106	0.6	206	-0.2
8	-3.8	108	1.0	208	-0.2
10	-7.4	110	0.6	210	-0.2
12	-0.2	112	-0.2	212	-0.2
14	-0.6	114	0.6	214	-0.2
16	0.2	116	1.0	216	-0.2
18	0.2	118	0.2	218	-0.2
20	-3.8	120	-0.2	220	-0.2
22	-3.0	122	-0.2	222	-0.2
24	-3.0	124	-0.2	224	-0.2
26	-6.2	126	-0.2	226	-0.2
28	-4.2	128	-0.2	228	-0.2
30	-3.4	130	0.6	230	-0.2
32	-1.8	132	0.6	232	-0.2
34	-0.2	134	0.2	234	-0.2
36	-1.0	136	-0.2	236	-0.2
38	-2.2	138	-0.2	238	-0.2
40	-1.4	140	-0.2	240	-0.2
42	-1.0	142	-0.2	242	-0.2
44	-0.2	144	-0.2	244	-0.2
46	-1.0	146	-0.2	246	-0.2
48	-5.0	148	0.2	248	-0.2
50	-1.0	150	0.6	250	-0.2
52	3.0	152	0.2	252	-0.2
54	1.4	154	-0.2	254	-0.2
56	0.6	156	-0.2	256	-0.2
58	-0.6	158	-0.2	258	-0.2
60	0.6	160	-0.2	260	-0.2
62	-0.2	162	-0.2	262	-0.2
64	1.4	164	-0.2	264	-0.2
66	-0.2	166	-0.2	266	-0.2
68	0.2	168	-0.2	268	-0.2
70	-0.6	170	-0.2	270	-0.2
72	-0.2	172	-0.2	272	-0.2
74	1.8	174	-0.2	274	-0.2
76	1.4	176	-0.2	276	-0.2
78	-0.6	178	-0.2	278	-0.2
80	0.2	180	-0.2	280	-0.2
82	-0.2	182	-0.2	282	-0.2
84	-0.2	184	-0.2	284	-0.2
86	-0.2	186	-0.2	286	-0.2
88	-0.2	188	-0.2	288	-0.2
90	-0.2	190	-0.2	290	-0.2
92	0.2	192	-0.2	292	-0.2
94	0.2	194	-0.2	294	-0.2
96	0.2	196	-0.2	296	-0.2
98	0.2	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	0	Off	4416	27	43 [70]
-4.5	0	Off	4224	18	43 [70]
-4.0	0	Off	4160	18	43 [70]
-3.5	0	On	3968	17	43 [69]
-3.0	0	On	3072	15	43 [69]
-2.5	0	On	2304	11	42 [68]
-2.0	0	On	1984	9	41 [66]
-1.5	0	On	1792	8	37 [59]
-1.0	0	On	1472	8	30 [49]
-0.5	0	On	1280	8	24 [39]

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	-12 [-16]	Off
-1.5	No	No	No	-11 [-15]	Off
-1.0	No	No	No	-6 [-8]	Off
-0.5	No	No	No	-7 [-10]	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.

DPID \$11
FF F3 C0 FC C0 7C 00

DPID \$15
01 02 03 04 05 06 07

DPID \$16
08 09 0A 0D 0E 00 00

DPID \$17
13 14 0C 0B 00 00 00

DPID \$32
FF FD 05 0F 00 00 00

DPID \$35
78 00 00 00 00 00 00

DID \$01
41 55 32 35 37 37 45 30 31 36 32 43 36 42 45 38

DID \$03
41 54 32 35 37 37 45 30 31 36 31 39 41 41 42 41

DID \$05
41 48 32 35 37 37 45 30 31 36 32 36 38 39 41 39

DID \$07
41 4A 32 35 37 37 45 30 31 36 32 36 38 39 39 45

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00 CF 4C CF

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Disclaimer of Liability

The users of the CDR product and reviewers of the CDR reports and exported data shall ensure that data and information supplied is applicable to the vehicle, vehicle's system(s) and the vehicle ECU. Robert Bosch LLC and all its directors, officers, employees and members shall not be liable for damages arising out of or related to incorrect, incomplete or misinterpreted software and/or data. Robert Bosch LLC expressly excludes all liability for incidental, consequential, special or punitive damages arising from or related to the CDR data, CDR software or use thereof.



71-1169941014 GM Product Assistance - Claims Department (PAC) Request

Al Difalco to: Al Difalco

04/15/2013 12:49 PM

PAC Information Provided:

PAR Record Number:

Number : PAC0001410

Provided Information:

PAC File Number : 71-1169941014

Customer Information:

Customer First Name : [REDACTED]

[REDACTED]

Customer City : Cyprus

Customer State : CA

Customer Zip Code : [REDACTED]

[REDACTED]

Vehicle Information:

VIN : 1G1PC5SH4C7 [REDACTED]

Vehicle Year : 2012

Vehicle Make : Chevrolet

Vehicle Model : Cruze

Vehicle Mileage : 10000

Vehicle Location Information:

Dealer/Salvage/Other : Other

POC Name : Justin Macey

POC Phone : 562-402-9784

POC Email :

Dealer BAC :

Name of Business : Craftsman Auto Body

Vehicle Location Address : 17710 Studebaker Rd

Vehicle Location City : Cerritos

Vehicle Location State : CA

Vehicle Location Zip Code : 90703

Customer Concerns:

Air Bag Deployment Concern - In a Collision : true

Air Bag Deployment Concern - No Collision : false

Accelerator/Throttle Concern : false

Brakes ABS Concern : false

Engine/Transmission/Drivetrain Concern : false

Fire/Thermal Event Concern : false

Restraint/SIR/Seats/Seatbelt Concern : false

Steering/Suspension/Tire/Wheels Concern : false

Water/Moisture/Odor Concern : false

Additional Information Concern : Customer wants to make sure the air bags should not have deployed in this type of collision. Veh is at repair shop at this time

CSR Information:

Requestor Name : Deongella Bruce

Requestor Email : deongella_bruce@gmexpert.com

Requestor Phone : (866) 790-5600 ext 31092

Requestor Fax : 866-480-3629

Ref:MSG0513482

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C7██████████

Inspector (First & Last Name): Ronald Murphy

Number of photos: 38

Section 1. Description

<u>Photo #</u>	<u>Description Only</u>	<u>Damage (Yes/No)</u>
1	Vin Plate	No
2	Door Plate (GVWR)	No
3	Tire Plate	No
4	IP Cluster veritable	No
5	Odometer	No
6	Cluster lamp display (air bag lamp momentarily on)	No
7	Front Exterior	Yes
8	Front bumper support	Yes
9	Front bumper support (removed)	Yes
10	Front passenger side	Yes
11	Front driver's side	Yes
12	Hood driver's side	Yes
13	Hood passenger side	Yes
14	Passenger side exterior	Yes
15	Passenger side (door handle removed)	Yes
16	Passenger side (side view mirror removed)	No
17	Rear exterior	No
18	Trunk (interior)	No
19	Driver's side exterior	No
20	Driver's side interior	No
21	Driver's seat position	No
22	Driver's seat distance to IP	No
23	Driver's seat belt webbing	No
24	Passenger's seat belt webbing	No
25	Undercar front	Yes
26	Undercar passenger front	Yes
27	Undercar driver front	Yes
28	Undercar rocker panel driver's side	No
29	Undercar rocker panel passenger side	No
30	Driver's side rear suspension	No
31	Passenger's side rear suspension	No
32	Under car rear	No
33	Undercar front center	No
34	Door hinges driver's side (upper)	No
35	Door hinges driver's side (lower)	No
36	Front overhang	Yes
37	Engine compartment	No
38	Engine compartment	No

Section 2.

Description and Photos

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C7██████████

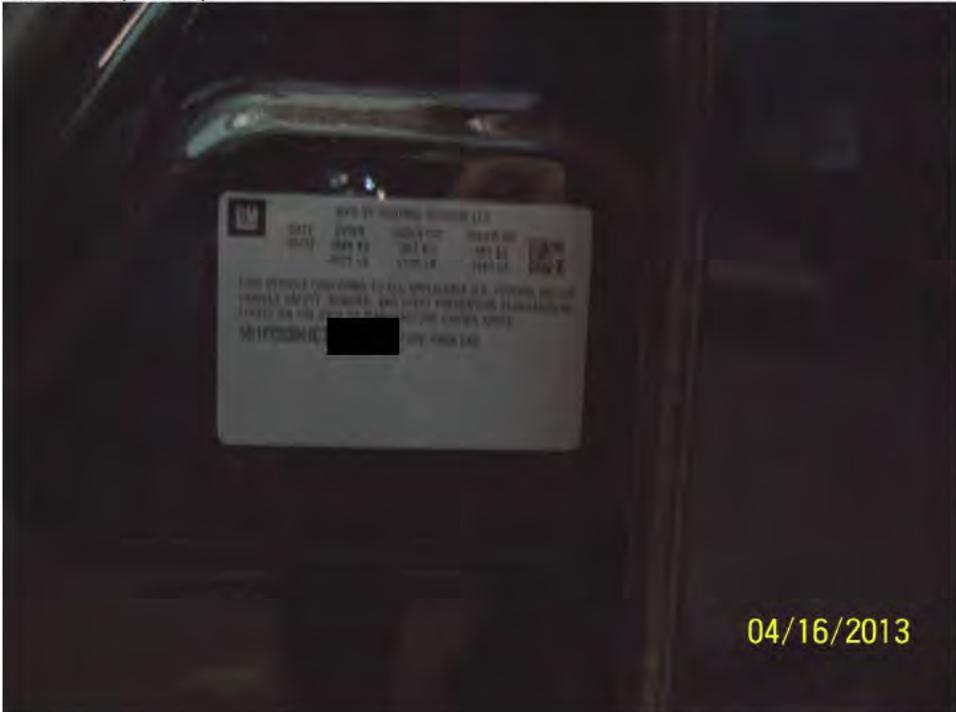
Photo #	Description / Photo	Damage (Yes/No)
1	<p>Vin Plate</p> 	No
2	<p>Door Plate (GVWR)</p> 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C7██████████

Photo #	Description / Photo	Damage (Yes/No)
3	<p>Tire Plate</p> 	No
4	<p>IP Cluster</p> 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C7██████████

Photo #	Description / Photo	Damage (Yes/No)
5	<p>Odometer</p> 	No
6	<p>Cluster lamp display (air bag lamp momentary on)</p> 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C7██████████

Photo #	Description / Photo	Damage (Yes/No)
7	<p>Front Exterior</p>  <p>04/16/2013</p>	Yes
8	<p>Front bumper support</p>  <p>04/16/2013</p>	Yes

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
9	Bumper support (removed) 	Yes
10	Front passenger side 	Yes

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	██████████	██████████
██████████	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
11	<p>Front driver's side</p> 	Yes
12	<p>Hood driver's side</p> 	Yes

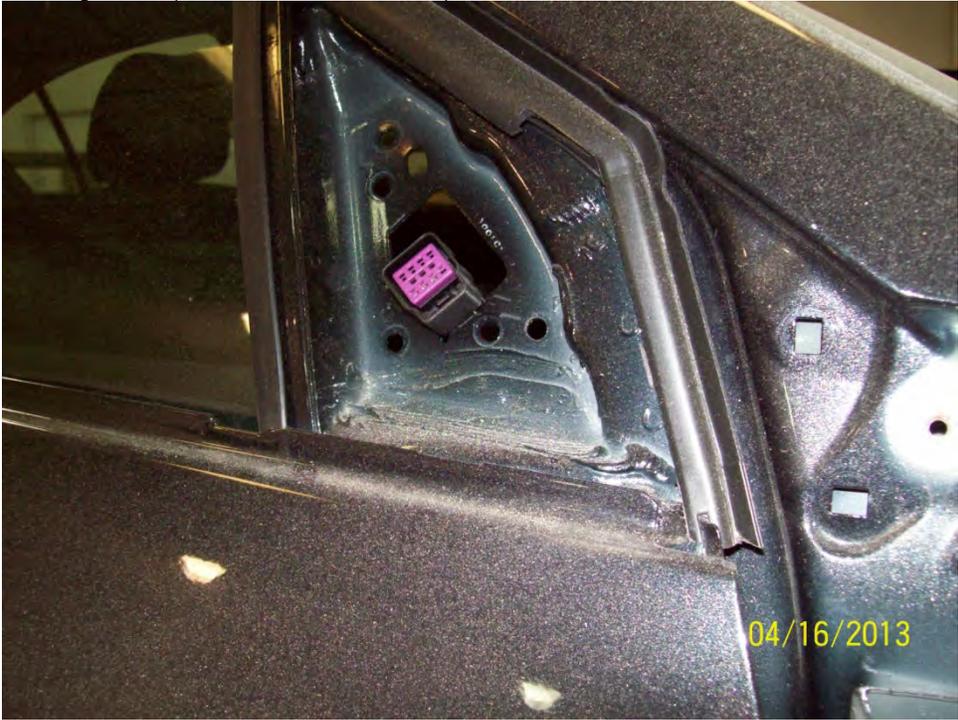
Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C7██████████

Photo #	Description / Photo	Damage (Yes/No)
13	<p>Hood passenger side</p> 	Yes
14	<p>Passenger side exterior</p> 	Yes

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C7██████████

Photo #	Description / Photo	Damage (Yes/No)
15	Passenger side (door handle removed) 	Yes
16	Passenger side (side view mirror removed) 	Yes

Phot		[REDACTED]	
Vehicle brand:	Chevrolet	Inspection date:	04/16/2013
File case #:	71-1169941014	Year/Model:	2012/Cruze
		VIN:	1G1PC5SH4C [REDACTED]

Photo #	Description / Photo	Damage (Yes/No)
17	Rear exterior 	No
18	Trunk (interior) 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C7██████████

Photo #	Description / Photo	Damage (Yes/No)
19	Driver's side exterior 	Yes
20	Driver's side interior 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
21	Driver's seat position 	No
22	Driver 's seat distance to IP 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
23	Driver's side seat belt webbing 	No
24	Passenger's side seat belt webbing 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C7██████

Photo #	Description / Photo	Damage (Yes/No)
25	<p>Undercar front</p> 	Yes
26	<p>Undercar passenger front</p> 	Yes

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C██████

Photo #	Description / Photo	Damage (Yes/No)
27	<p>Undercar Driver front</p> 	Yes
28	<p>Undercar rocker panel driver's side</p> 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
29	Undercar rocker panel passenger side  A photograph showing the underside of a vehicle, specifically the passenger side rocker panel. The panel is dark and appears to be made of metal or plastic. There are some mechanical components and wiring visible. A yellow date stamp '04/16/2013' is visible in the bottom right corner of the photo.	No
30	Driver's side rear suspension  A photograph showing the driver's side rear suspension system. The image captures the rear axle, control arms, and a portion of the exhaust system. A yellow date stamp '04/16/2013' is visible in the bottom right corner of the photo.	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	██████████	██████████
██████████	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C██████████

Photo #	Description / Photo	Damage (Yes/No)
31	Passenger's side rear suspension 	No
32	Under car rear 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
33	Undercar front center  A photograph showing the front center undercarriage of a vehicle. The image displays various mechanical components, including suspension parts and a control arm. A yellow date stamp '04/16/2013' is visible in the bottom right corner of the photo.	No
34	Door hinges driver's side (upper)  A close-up photograph of the upper door hinge mechanism on the driver's side of a vehicle. The image shows the metal hinge assembly and surrounding structural components. A yellow date stamp '04/16/2013' is visible in the bottom right corner of the photo.	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
35	Door hinges driver's side (lower) 	No
36	Front overhang 	Yes

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C7██████████

Photo #	Description / Photo	Damage (Yes/No)
37	Engine compartment 	No
38	Engine compartment 	No

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1169941014	VIN:	1G1PC5SH4C7██████████

Mileage at inspection:	5134	Inspection location:	Craftsman Auto Body
Inspected by:	Ronald Murphy	17710 Studebaker Road, Cerritos, CA 90703	
Inspector's phone number:	248.763.2600		

Was a dealer technician used? Yes No

Number of photos

If Yes, number of hours?

If possible, document the RO number:

Number of DTCs

Maximum vehicle speed taken from CDR report:

Did CDR detect a rollover event? Yes No

Section 1

INSPECTION SUMMARY

Provide driver/claimant's complete description of incident. Do not paraphrase the customer's words. This is a very important section of the report:

I attempted to reach the customer on both their cell number and home number on April 16, 2013 and again on April 20, 2013. I left messages but received no responses. No customer interview was conducted and many sections of this report are left blank due to a lack of information.

The vehicle inspection was conducted at the dealership.

NOTE: FOR ALLEGATIONS OF AN INADVERTENT DEPLOYMENT WITH NO COLLISION, COMPLETE THE INADVERTENT AIRBAG DEPLOYMENT INSPECTION FORM.

<input type="checkbox"/>	Non-deployment (the airbag did not deploy and the claimant states that it should have)		
<input checked="" type="checkbox"/>	Front	<input type="checkbox"/> Side	<input type="checkbox"/> Other

<input type="checkbox"/>	Inadvertent deployment with a collision, (the claimant states that the airbag deployed when it should not have)		
<input type="checkbox"/>	Front	<input type="checkbox"/> Side	<input type="checkbox"/> Other

<input type="checkbox"/>	Improper deployment (e.g. the claimant states that the airbag deployed late or only partially)		
<input type="checkbox"/>	Front	<input type="checkbox"/> Side	<input type="checkbox"/> Other

<input type="checkbox"/>	Deployment-induced injury in a collision (the claimant states the deployment of the airbag caused an injury)		
--------------------------	--	--	--

<input type="checkbox"/>	Other Describe: <input type="text" value=""/>		
--------------------------	---	--	--

<input type="checkbox"/>	None: seat belt - related allegation only		
--------------------------	---	--	--

Describe the seat belt related allegation below:

<input type="checkbox"/>	Non-activation (the claimant states that the seat belt did not restrain an occupant and it should have)		
<input type="checkbox"/>	Induced injury (the claimant states the seat belt system caused an injury)		
<input type="checkbox"/>	Other Describe: claimant believes that the airbag should have deployed		
<input type="checkbox"/>	None: SIR - related allegation only		

Driver seatbelt pretensioner deployed? Yes No

Passenger seatbelt pretensioner deployed? Yes No

Following the inspection, summarize the facts and observations:

- The front bumper support on the passenger front side (photo #8) displays witness marks indicating a glancing angular impact from the passengers' side.
- Although the body shop had removed much of the front fascia and the fenders, the damaged parts indicated the damage came from approximately 35 degrees from center on the passenger side (photo #13).

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:		Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1169941014	VIN:	1G1PC5SH4C7

Section 2 INTERVIEW – INCIDENT DETAILS

Interviewee name:	
Address:	
Phone number:	
Date of interview:	
Interview mode: (Telephone or in person)	

Police report? Yes No
 Fire report? Yes No

Driver's Physical Description

Name:	
Gender:	
Height:	
Weight:	
Disabilities:	

Driver's Trip Information

Hours	Minutes	Distance	Driver's Estimated Speed

Exact incident location:	Exact incident date & time:
Weather condition & visibility:	Approximate temp (°F):

Was there a collision? Yes No

Were there any other occupants in the vehicle at the time of the incident? Yes No

Occupant's Information (If Applicable)

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20%;">Name:</td><td></td></tr> <tr><td>Gender:</td><td></td></tr> <tr><td>Height:</td><td></td></tr> <tr><td>Weight:</td><td></td></tr> <tr><td>Age:</td><td></td></tr> </table>	Name:		Gender:		Height:		Weight:		Age:		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20%;">Name:</td><td></td></tr> <tr><td>Gender:</td><td></td></tr> <tr><td>Height:</td><td></td></tr> <tr><td>Weight:</td><td></td></tr> <tr><td>Age:</td><td></td></tr> </table>	Name:		Gender:		Height:		Weight:		Age:	
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Weight:																					
Age:																					
Name:																					
Gender:																					
Height:																					
Weight:																					
Age:																					

Where were the other occupants seated?

Front Row:	<input type="checkbox"/> Right Front	<input type="checkbox"/> Front Center	
Second Row:	<input type="checkbox"/> Right Rear	<input type="checkbox"/> Center	<input type="checkbox"/> Left Rear
Third Row:	<input type="checkbox"/> Right Rear	<input type="checkbox"/> Center	<input type="checkbox"/> Left Rear

If the vehicle is a truck or a car trailering cargo at the time of the incident, estimate total weight of cargo and trailer	
Load description:	(lbs)

Any objects in the road? Yes No
 If yes, describe: _____

Did vehicle leave the roadway? Yes No
 If yes, what was impacted? _____

Was there any evasive action? Turning Braking Accelerating Other: _____

Road Surface:	<input type="checkbox"/> Concrete	<input type="checkbox"/> Asphalt	<input type="checkbox"/> Gravel	<input type="checkbox"/> Crushed Rock	<input type="checkbox"/> Dirt
Road Condition:	<input type="checkbox"/> Dry	<input type="checkbox"/> Wet	<input type="checkbox"/> Icy	<input type="checkbox"/> Other:	
Shoulder/Curb Condition:	<input type="checkbox"/> Dry	<input type="checkbox"/> Wet	<input type="checkbox"/> Icy	<input type="checkbox"/> Other:	<input type="checkbox"/> Dirt

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:		Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1169941014	VIN:	1G1PC5SH4C7

Prior collision repair? Yes No

If yes, provide the following:

Date	Description

Prior SIR and/or seat belt service, repair, or replacement? Yes No

If yes, provide the following:

Date	Description

VEHICLE MODIFICATIONS / ALTERATIONS

Ask if there are any vehicle modifications or alterations present, and has any after-market equipment been installed? Remember that if the vehicle has been pre-owned, the current owner may not know of any/all changes to the vehicle.

<input type="checkbox"/> Remote Start	<input type="checkbox"/> Suspension	<input type="checkbox"/> Tires/Wheels	<input type="checkbox"/> Turbo	<input type="checkbox"/> Aftermarket Exhaust
<input type="checkbox"/> Body Modifications	<input type="checkbox"/> Towing Equip.	<input type="checkbox"/> Security Alarm	<input type="checkbox"/> Wiring	<input type="checkbox"/> Headers
<input type="checkbox"/> Unknown				

If yes, describe component, who installed it, and capture photos:

No modifications

Other vehicle history information from interview, GM Warranty, or Dealership history files? Yes No

If Yes, describe & make copies: GM history and body shop estimate

Section 4

VEHICLE / SYSTEM INSPECTION

---Note---

Do Not "Clear Codes" from any on board module(s)

Use the scan tool to capture all diagnostic trouble codes (current or history), and photograph the screens (if a scan tool was used).

DTC	Symptom	Description	Current	History

SDM Crash Data Collection:

Describe and photograph any evidence that the passenger compartment may have had moisture intrusion or the SDM has incurred any damage due to moisture/corrosion. Visually inspect the carpet and floor pan for moisture and the SDM electrical connector male and female ends for signs of corrosion. If the SDM is mounted under a seat, visually inspect for any foreign objects that could affect the airbag system operation and, if found, inspect the area very carefully. Photograph as needed.

If the vehicle is equipped with roll-over protection, download the ROS data after downloading the CDR data. (See ROS Coverage document to determine whether vehicle is supported, and/or observe the icons on the function bar on the CDR screen.) SUV-type vehicles may have roll-over protection. An "Airbag" name will be embossed on the trim at the A and possibly B pillars of the vehicle.

NOTE: Some vehicles do not require the ignition key to be in the ignition "on" position in order to download the data

- OBTAIN DERM/SDM DOWNLOADS FOR ALL INADVERTENT DEPLOYMENT ALLEGATIONS
- IF POSSIBLE, AVOID CYCLING THE IGNITION KEY ON/OFF PRIOR TO OBTAINING THE DOWNLOAD
- PHOTOS OF THE CDR SCREEN ARE REQUIRED TO SHOW ANY ERROR MESSAGES

NOTE: Save the raw CDR and ROS files, and then a PDF files. Submit all files with report.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1169941014	VIN:	1G1PC5SH4C ██████████

Was the CDR download available?

Yes No

If "No", describe:

How was download obtained?

ALDL / DLC

If the download was obtained directly from the module, was the module removed from the vehicle?

Yes No

If removed from the vehicle, describe and photograph the conditions under which the module was mounted when the download was obtained:

FRONT AREA: Describe any damage to the front of the vehicle. Observe and photograph whether the hood is opened, if it contacted or penetrated the windshield, and the location of the contact.

- There were damaged front fenders and front fascia removed by body shop. (Photo 7)
- The windshield was NOT damaged.
- The hood was damaged on the passenger side (Photo 13).

LEFT SIDE EXTERIOR: Describe any damage to the door(s) and other body panels. Determine whether any door opened as a result of the impact. If so, photograph the latch, striker and the hinges.

RIGHT SIDE EXTERIOR: Describe any damage to the door(s) and other body panels. Determine whether any door opened as a result of the impact. If so, photograph the latch, striker and the hinges.

The mirror and door handle were removed by body shop (photos#15 &16).

REAR AREA: Describe any damage to the rear of the vehicle. Observe and photograph whether the deck lid or rear hatch opened and note if the spare tire separated from the vehicle.

ROOF / ROOF STRUCTURE: Describe any damage to the roof of the vehicle. Note if any convertible tops or removable roof panels did not remain attached, and photograph the latches.

UNDERBODY / FRAME / CHASSIS AREA: The underbody should be carefully inspected and any damage to the underside of the vehicle completely described. Note the condition of the bumpers, frame, suspension, tires, wheels, & engine mount(s)/cross member. Briefly describe any damage or signs of impact to areas of the underbody and provide photos in the photo log.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1169941014	VIN:	1G1PC5SH4C7██████████

The vehicle was on the frame machine so access to the underside was limited. Photos# 26, 27, and 33.

SIDE IMPACT INSPECTION

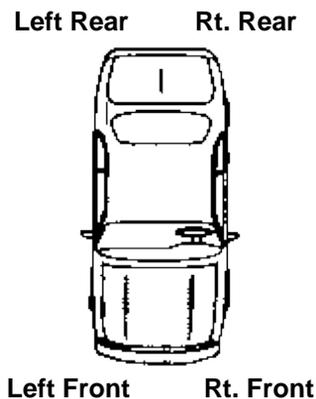
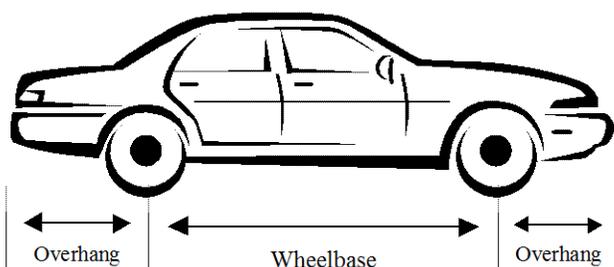
Identify and photograph the following items:

1. Door hinges on struck side damaged?
2. Door hinges on struck side separated?
3. Damage to striker/latch system?
4. Any rubber or paint transferred to the subject vehicle?
5. Damage from extrication tools (Jaws of Life)?
6. Separation of sheet metal along weld seams (doors, rocker panels, etc...)?
7. Side door beam damaged? (Photos if possible)
8. Side beam welds separated? (Photos if possible)
9. Interior door trim damaged?
10. Interior roof trim damaged near door opening?

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No

1. Hinges on "non-struck" side
2. Latch/striker on "non-struck" side
3. Door trim on "non-struck" side
4. Headliner / roof trim on "non-struck" side
5. Overhead view (if possible)
6. Underbody, front & rear suspension
7. Striking vehicle
8. Any other vehicles involved

STRUCTURAL DEFORMATION/CRUSH AREAS



Please check all that apply:

Type of impact(s)? Frontal Side Rear Rollover Other: _____

The following dimensions should be obtained as they are important in determining the magnitude of the impact to the vehicle. See diagram for definitions of overhang. Do not report "No Change" in this section.

All values in inches:

Driver side wheelbase	108	Passenger side wheelbase	108
Driver side front overhang	0	Passenger side front overhang	0
Driver side rear overhang	38	Passenger side rear overhang	38

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:			
		Year/Model:	2012/Cruze
Case #:	71-1169941014	VIN:	1G1PC5SH4C

Maximum depth of crush (Inches):

20	Front
	Rear
	Roof

20	Driver's side
20	Passenger's side

Additional comments regarding exterior damage:

See photo # 11.

PRIOR DAMAGE

Document and photograph any damage that appears to have been present prior to this incident:

Does customer allege non-deployment of side airbags or roof rail airbags?

 Yes No

NOTE: Complete the following if the customer allegation involves NON DEPLOYMENT of the side impact airbags or roof rail airbags. Otherwise leave the remaining portion of section blank. Identify and photograph the following items:

Door hinges on struck side damaged?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Door hinges on struck side separated?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Damage to striker/latch system?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Any rubber or paint transferred to the subject vehicle?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Damage from extrication tools (e.g. jaws of life)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Separation of sheet metal along weld seams (doors, rocker panels, etc...)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Side door beam damaged? (Photos if possible)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Side beam welds separated (Photos if possible)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Interior door trim damaged?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Interior roof trim damaged near door opening?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Additional comments:

Photograph the following:

Hinges on non-struck side(photo#35)

Overhead view (if possible)

Latch/striker on non-struck side

Door trim on non-struck side

Underbody, front & rear suspension

Headliner / roof trim on non-struck side

Striking vehicle (if available)

Any other vehicles involved (if possible)

INTERIOR INSPECTION (Photograph the side view of the steering wheel and column, the interior, and deployed airbags)

Interior reduced in size?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Where:
Intrusion by an external object?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Loose objects inside?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Cowl deformed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Floorpan / Toepan deformed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Headliner / visors damaged?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Inside rear-view mirror damaged	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Door trim damaged?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe: passenger rear door trim removed by body shop
Steering column displaced?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Steering column capsule bracket displaced?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Control knobs/ levers damaged?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
Accelerator/brake pedals deformed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	XXXXXXXXXX	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1169941014	VIN:	1G1PC5SH4C7 XXXXXXXXXX

Instrument panel damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Lower IP/Kneed bolster damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:

If any of the following are "Yes", capture photographs

Driver front airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger front airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Driver side airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger side airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Driver roof rail airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger roof rail airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Other? (pretensioners, etc.)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Other:

Windshield (W/S) damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No		
If Yes?	<input type="checkbox"/>	Cracked	<input type="checkbox"/>	Broken (Top inner layer)	<input type="checkbox"/>	Damaged by occupant contact
W/S separated from vehicle?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	% (Approx.) Approximate % of perimeter separation

Steering wheel damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	
If Yes:	<input type="checkbox"/>	Rim	<input type="checkbox"/>	Hub	
If yes, describe?					

If applicable, indicate the "clock" position of damage to the steering wheel:

(NOTE: The top of the steering wheel assembly is 12 o'clock, regardless if the wheel itself is turned.)

Tilt steering wheel?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No		
If yes, position?	<input type="checkbox"/>	Low	<input checked="" type="checkbox"/>	Med	<input type="checkbox"/>	High

Telescoping steering wheel?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No		
If yes, position?	<input checked="" type="checkbox"/>	Forward	<input type="checkbox"/>	Middle	<input type="checkbox"/>	Rearward

IF THERE WERE ANY TRANSFER MARKS PRESENT ON THE STEERING WHEEL, PHOTOGRAPH THEM

Were transfer marks present (clothing, makeup, etc.)?	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Yes	
If yes, describe?					

If the SDM is located under a seat, visually inspect for foreign objects and water intrusion that could damage the module or its wiring. If any exist, remove the seat and conduct a more extensive examination of the area. Describe findings and photograph.

Any signs of water intrusion?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	
If yes, describe:					

SEAT INSPECTION (Photograph damaged areas)

Type of front seat?	<input checked="" type="checkbox"/>	Bucket	<input type="checkbox"/>	Bench	<input type="checkbox"/>	50/50 Split Bench	<input type="checkbox"/>	60/40 Split Bench
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DRIVER'S SEAT INFORMATION

Seat damage?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No		
If Yes, location?	<input type="checkbox"/>	Seat bottom	<input type="checkbox"/>	Backrest	<input type="checkbox"/>	Headrest
Seatback struck by rear occupant?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No		
If yes, describe:						

RIGHT FRONT PASSENGER SEAT INFORMATION

Seat damage?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No		
If Yes, location?	<input type="checkbox"/>	Seat bottom	<input type="checkbox"/>	Backrest	<input type="checkbox"/>	Headrest
Seatback struck by rear occupant?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No		
If yes, describe:						

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:		Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1169941014	VIN:	1G1PC5SH4C

Additional info regarding seat damage (Front or rear):

WINDOW INSPECTION

Note all window conditions:

The glass is in good order with no damage.

RESTRAINT SYSTEM INSPECTION

Note: Do not "Clear Codes" from the on-board computer(s)

If equipped, are the pretensioners activated / deployed? Yes No

"Alleged", SIR Unit(s):

<input checked="" type="checkbox"/> Driver front	<input checked="" type="checkbox"/> Passenger front	<input type="checkbox"/> Driver side (door/seat)	<input type="checkbox"/> Passenger side (door/seat)
<input type="checkbox"/> Driver knee bag	<input type="checkbox"/> Passenger knee bag	<input type="checkbox"/> Roof rail airbag(s)	<input type="checkbox"/> Other:
<input type="checkbox"/> Driver pretensioner	<input type="checkbox"/> Passenger pretensioner		

Actual Deployed SIR(s):

<input type="checkbox"/> Driver front	<input type="checkbox"/> Passenger front	<input type="checkbox"/> Driver side (door/seat)	<input type="checkbox"/> Passenger side (door /seat)
<input type="checkbox"/> Driver knee bag	<input type="checkbox"/> Passenger knee bag	<input type="checkbox"/> Roof rail airbag(s)	<input type="checkbox"/> Other: No deployment
<input type="checkbox"/> Driver Pretensioner	<input type="checkbox"/> Passenger Pretensioner		

INSPECT SIR WIRING and SENSORS (IF VISIBLE)

SIR wiring damaged?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:
SIR sensors damaged / disconnected?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Describe:

If any airbag(s) deployed was it the:

Driver front airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:

Passenger front airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:

Driver side airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:

Passenger side airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:

Roof rail airbag

Bag material cut / torn?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:
Transfer marks present (makeup, clothing, etc.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Describe:

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1169941014	VIN:	1G1PC5SH4C7██████████

ALLEGATION THAT FRONT PASSENGER AIRBAG "DID NOT DEPLOY" IN A COLLISION

Complete this section if the customer alleges the FRONT PASSENGER airbag did not deploy in a collision. (Effective with the MY2007 NHTSA required all vehicles to be equipped with a Passenger Presence System.) Many vehicles were equipped with this feature prior to MY2007. Check the owner's manual and labels in the vehicle. The following information may be useful in evaluating those concerns.

If transfer marks are present, please provide: Age Height (feet & inches) Weight (lbs)

Note: For details on the front passenger's physical description, please refer to Section 2.

Record and photograph the passenger seat position measurement. (Photo# 28)

Seat track position: Inches 1.5

Measure the moveable track position in relation to the stationary base of the track at the front. Is the track forward of, or back from the base?

<input type="text"/>	Forward of	<input checked="" type="checkbox"/>	Back from
----------------------	------------	-------------------------------------	-----------

Photograph the measurement. Track 1" back from stationary base (photo #21) 1"

Driver seat position and its distance to the IP: 10 Inches

NOTE: THE FOLLOWING TEST WILL NOT WORK IF THE DOWNLOAD IS TAKEN DIRECTLY FROM THE SDM. RECONNECT SDM TO VEHICLE HARNESS TO PERFORM THE TEST. Take photos for documentation.

Perform the following check for vehicles equipped with a passenger airbag status indicator. NOTE: For some vehicles the key must be in the "on", or "run" position to perform the check.

Observe the PASSENGER airbag status indicator. Is the passenger airbag system "ON"? Yes No

Sit in the passenger seat and observe the status indicator. Is the passenger airbag system "ON"? Yes No

Photograph the seat cover and cushion

Photograph any signs of the RF seat occupant contact with the I/P or other interior area.

AIRBAG LIGHT FUNCTIONAL TEST RESULTS:

Airbag warning light came "ON" with the ignition key, blinked several times and went "OUT"? Yes No

Airbag warning light came "ON" with the ignition key, blinked several times and stayed "ON"? Yes No

Describe any other results:

Turn on ignition, observe seat belt light. On? Yes No

Buckle driver's seat belt. Seat belt light on? Yes No

When sitting in the passenger seat, does the passenger seat belt warning light (if equipped), illuminate when the belt is not buckled and go "OFF" when it is buckled? Yes No

SDM Crash Data Collection:

Describe and photograph any evidence that the passenger compartment may have had moisture intrusion or the SDM has incurred any damage due to moisture/corrosion. Visually inspect the carpet and floor pan for moisture and the SDM electrical connector male and female ends for signs of corrosion. If the SDM is mounted under a seat, visually inspect for any foreign objects that could affect the airbag system operation and, if found, inspect the area very carefully. Photograph as needed.

If the vehicle is equipped with roll-over protection, download the ROS data after downloading the CDR data. (See ROS Coverage document to determine whether vehicle is supported, and/or observe the icons on the function bar on the CDR screen.) SUV-type vehicles may have roll-over protection. An "Airbag" name will be embossed on the trim at the A and possibly B pillars of the vehicle.

NOTE: Some vehicles do not require the ignition key to be in the ignition "on" position in order to download the data

- OBTAIN DERM/SDM DOWNLOADS FOR ALL INADVERTENT DEPLOYMENT ALLEGATIONS
- IF POSSIBLE, AVOID CYCLING THE IGNITION KEY ON/OFF PRIOR TO OBTAINING THE DOWNLOAD

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1169941014	VIN:	1G1PC5SH4C7██████████

- PHOTOS OF THE CDR SCREEN ARE REQUIRED TO SHOW ANY ERROR MESSAGES

NOTE: Save the raw CDR and ROS files and then save them as PDF type files. Submit all .CDRx and PDF files with report.

Was the CDR download available? Yes No

If "No", describe:

How was download obtained? ALDL / DLC _____

If the download was obtained directly from the module, was the module removed from the vehicle? Yes No

If removed from the vehicle, describe/photograph the conditions under which the module was mounted when the download was obtained:

RESTRAINT SYSTEM INSPECTION (SEAT BELTS)

IF A COLLISION OCCURRED, THE SEAT BELTS SHOULD BE INSPECTED FOR SEAT BELT(S) POSITIONS OF ALL OCCUPANTS AT THE TIME OF COLLISION.

Location of inspected seatbelts:

<input checked="" type="checkbox"/> Driver	<input type="checkbox"/> Center front	<input checked="" type="checkbox"/> Passenger	<input type="checkbox"/> Third Row
<input type="checkbox"/> Driver's side rear	<input type="checkbox"/> Center rear	<input type="checkbox"/> Right rear	

Photograph: The overall belt assembly (both outboard positions, even if only the driver was present in the vehicle at the time of the incident). All visible components of the seat belt system and anchor points (photos#

If equipped, are the pretensioners activated / deployed? Yes No

NOTE: Answer the following questions for the driver's seat belt. If other seat belt positions are inspected, use the seat belt addendum to report inspection results. Identify and photograph the following items:

Is the driver's seatbelt fully retracted? Yes No

IF THE ANSWER IS NO, DO NOT DISTURB BELTS AT THIS TIME.

Secure webbing, measure length, and show measurement in a photo: Inches

If abnormalities are seen during the following, ensure you capture measurements and photos of the damage.

Does the webbing spool in and out freely (minimal effort)?	<input checked="" type="checkbox"/> Yes
	<input checked="" type="checkbox"/> Lap
Marks, cuts or debris present on shoulder and lap belt webbing?	<input type="checkbox"/> Yes
Webbing energy management loops (if equipped) - stitches pulled free, unfolded, replacement/warning label exposed?	<input type="checkbox"/> Yes
Tack stitch separated from plastic sleeve?	<input type="checkbox"/> Yes
Webbing cut?	<input type="checkbox"/> Yes
Does guide loop assembly exhibit striations, bent, or deformed?	<input type="checkbox"/> Yes
Does guide loop adjuster move up and down (if equipped)?	<input checked="" type="checkbox"/> Yes
Does the seat belt buckle latch and unlatch?	<input checked="" type="checkbox"/> Yes
Does the seat belt return to the stowed position when unbuckled?	<input checked="" type="checkbox"/> Yes
Buckle condition (worn or foreign material present)?	<input type="checkbox"/> Yes
Any components missing?	<input type="checkbox"/> Yes
Does the seat belt return to the stowed position when unbuckled?	<input checked="" type="checkbox"/> Yes
Any post-collision damage present (e.g. rescue workers)?	<input type="checkbox"/> Yes

<input type="checkbox"/> No
<input checked="" type="checkbox"/> Shoulder
<input checked="" type="checkbox"/> No
<input type="checkbox"/> No
<input type="checkbox"/> No
<input checked="" type="checkbox"/> No
<input checked="" type="checkbox"/> No
<input type="checkbox"/> No
<input checked="" type="checkbox"/> No

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1169941014	VIN:	1G1PC5SH4C7██████████

Is the seat belt webbing cut? (If yes, photograph and record length of pieces): Inches

NOTE: If there were occupants in other seating positions, inspect those seating positions and report the results on the seat belt addendum. Include it with your report.

If possible, perform a dynamic "panic stop" type test with the vehicle.

Do the retractors on the belts being inspected appear to lock and hold properly? Yes No

If No, describe:

If vehicle is not drivable, jerk each belt inspected rapidly. (Note: Some inertia activated retractors will not lock on this test.) Did the retractors lock? Yes No

If No, which belts do not lock/hold?

Additional comments?

Section 5 SITE INSPECTION

NOTE: In most instances a site inspection is not required on vehicles with no damage present (e.g. claimant says they hit a pot hole...)

Was a site inspection performed? Yes No

Comments?

Posted speed where the incident occurred?

SITE INSPECTION: PERFORM THE FOLLOWING IF ADDITIONAL INFORMATION MAY BE FOUND:

- If the customer can identify the incident scene and verify tire marks, gouges in the pavement, debris, or any police marks at the scene, measure location of the items and photograph.
- Identify evidence of whether the vehicle left the road prior to, during, or after the incident. Document all locations, distances, etc...
- Identify evidence & photograph any object struck by the vehicle on or off the road prior to, during, or after incident.
- Inspect roadway & shoulder surfaces in the area of the incident site for telltale signs of loss of control, excessive speed, severe braking, etc.

Photograph the scene and any property involved. Only factual comments should be entered in this section:

Section 6 COMMENT OVERFLOW

Please use this area for additional comments from the inspection form. Please note the section and area that the comments are continued from prior to each comment.

R006			
		Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1169941014	VIN:	1G1PC5SH4C

Section 7 OTHER REPORT INFORMATION

Check here if there was evidence of a "Fire-Related" event.

According to NHTSA, "fire" means combustion or burning of material in or from a vehicle as evidenced by flame. The term also includes, but is not limited to, thermal events and fire-related phenomena such as smoke, sparks or smoldering, but does not include events and phenomena associated with a normally functioning vehicle, such as combustion of fuel within an engine or exhaust from an engine.

Attachments: (Check all that apply)

<input checked="" type="checkbox"/>	Photographs	<input checked="" type="checkbox"/>	Data Downloads	<input checked="" type="checkbox"/>	Other Records
-------------------------------------	-------------	-------------------------------------	----------------	-------------------------------------	---------------

Ron Murphy

[Logo](#)

April 15, 2013

[ut](#)

Global

Warranty [Main](#) > [Interface With Customer](#) > View Vehicle Summary

Management:

Interface With Customer | [User Options](#)

- [Investigate Vehicle History](#)
- [Investigate Major Assembly History](#)
- [Investigate Vehicle History](#)
- [Investigate Major Assembly History](#)
- [Edit User ID](#)

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).

Vehicle Information

VIN: 1G1PC5SH4C7 [REDACTED] Model: 1PL69-2012 CRUZE
 Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes
 Order Type: 70 - RETAIL - STOCK
 Field Actions: [0 Open](#)

Required Field Actions

Open field actions are highlighted

Type	Number	Original Nbr	Description	Release Date	Status
Product Safety Recall	N120081	12081	OIL SPILLS OR LEAKS ONTO HOT SURFACES	06/21/2012	Closed

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: K7NEK2CU 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
	Corrosion Limited Warranty	12/14/2012	10/31/2012	49 MI	10/31/2018	100,049 MI
	Emission Limited Warranty	12/14/2012	10/31/2012	49 MI	10/31/2015	50,049 MI
	Bumper to Bumper Limited Warranty	12/14/2012	10/31/2012	49 MI	10/31/2015	36,049 MI
	Powertrain Limited Warranty	12/14/2012	10/31/2012	49 MI	10/31/2017	100,049 MI
	Emission Select State Component Lty Wty	12/14/2012	10/31/2012	49 MI	10/31/2019	70,049 MI
	Emission Select Component Ltd Wty	12/14/2012	10/31/2012	49 MI	10/31/2020	80,049 MI

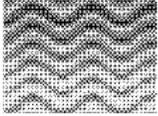
Service Contract

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
07/17/2012	36901	ZFAT---- Field Action Recall		V2601 - 12081 - Engine Shield Modification (automatic transmission)	6 MI
05/20/2012	A55618	ZPDI----Pre- Delivery Inspection		Z7000 - Pre- Delivery Inspection - Base Time	



Deongella
Bruce/Austin/GM1
05/03/2013 11:03 AM

To rod.gasperik@gm.com
cc Michael.d.parker@gm.com
bcc
Subject 71-1169941014 PAC Recommended Denial BRM Approval
Required

Customer Last Name - [REDACTED]
2012, Chevrolet Cruze
1G1PC5SH4C7 [REDACTED]
No Dealership involved
Cypress, CA

A recent product allegation claim was made in your region. The customer alleged that the air bags did not deploy in a collision.

PAC is recommending denial to resolve the customer's claim. Please respond with your denial. Once we receive it, the decision will be relayed to the customer and the involved dealership.

Deongella M.Bruce
Business Resource Center | Product Assistance Claims Department

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www.minacs.adityabirla.com | Follow us on Twitter

September 18, 2013

[REDACTED]
Corpus Christi, TX [REDACTED]

Service request: 71-1179424575

Vehicle Identification Number: 1G1PC5SH0C7 [REDACTED]

Customer Relationship Specialist: Dalia

Dear Mr. [REDACTED]

Thank you for allowing us the opportunity to review the product allegation involving your 2012 Chevrolet Cruze. Unfortunately, our attempts to reach you by phone on May 2nd May 3rd and May 6th were unsuccessful.

Therefore, we will not be able to take any further action regarding your concern until we have an opportunity to discuss this with you. We will continue to hold your file open for 10 days.

Please contact our Business Resource Center at 1-800-231-1841 Monday through Friday between 8:00 a.m. and 5:00 p.m., Eastern Time. Please refer to your service request number above when calling.

Sincerely,

General Motors

cc: FILE

PA0005
V10202009

Dalia Rangel/Austin/GM1

05/06/2013 10:41 AM

To rose.crookston@gm.com

cc

bcc

Subject 71-1179424575 PAC Case Handled within BRC No Action
Required

A product allegation claim has been made in your district. The customer is alleging airbags did not deploy during a collision.

[REDACTED]

2012 Chevrolet Cruze

1G1PC5SH0C7 [REDACTED]

An Corpus Christi Chevrolet, LP, Corpus Christ, TX (194188)

Roland Topia, Svc Writer

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

Best wishes,
Dalia Rangel | CRS

Aditya Birla Minacs | 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

Dalia Rangel/Austin/GM1

05/06/2013 05:09 PM

To rose.crookston@gm.com

cc

bcc

Subject 71-1179424575 PAC Case Sent to ESIS No Action Required

A product allegation claim has been made in your region. The customer is alleging airbags did not deploy during a collision. This case is being escalated to ESIS because of injury w/medical treatment.

██████████
2012 Chevrolet Cruze

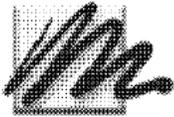
1G1PC5SH0C7 ██████████

An Corpus Christi Chevrolet, LP, Corpus Christi, TX (194188)
Roland Topia, Svc Writer

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

Best wishes,
Dalia Rangel | CRS

Aditya Birla Minacs | 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



rita.sanchez/Austin/GM1
05/20/2013 03:35 PM

To adam.leon@gm.com
cc
bcc
Subject 711185076519 PAC Case Sent to ESIS No Action Required

A product allegation claim has been made in your region. The customer is alleging non deployment concern . This case is being escalated to ESIS because of a bodily injury .

Customer Last Name [REDACTED]
2012 Chevrolet Cruze
VIN 1G1PH5SC7C7 [REDACTED]
Leep Chev, L.L.C.
Dan in service.

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

Best wishes,
Rita Sanchez | CRS

Aditya Birla Minacs | inspired every day
7401 E. Ben White Blvd, Bldg. F, Austin, TX 78741
Phone 866-790-5700 ext. 41345 | 866-857-3113 | www.minacs.adityabirla.com

**BBB AUTO LINE
Customer Claim Form**

Case number: CHV1319775
Contact Date: 05/23/13
Start Date:

Please make any necessary corrections to the information below, print or verify your VIN number and lienholder/leasing company information at the bottom of this page, and complete the missing information in Section 4 on the next page (attach additional sheets as needed).

SECTION 1: CUSTOMER INFORMATION

Titled owner: [REDACTED]		
Mailing address: [REDACTED]		
City: Davenport	State: IA	Zip code: [REDACTED]
Day phone: [REDACTED]		
Fax: [REDACTED]		

SECTION 2: VEHICLE INFORMATION

Make: Chevrolet	Model: Cruze	Year: 2012	Current mileage: 15000
Name(s) that appears on the vehicle title: [REDACTED]			
Selling dealer/city/state: Birds, Iowa city, IA			
Primary Servicing dealer/city/state: Iujack,			
Acquired as <input checked="" type="checkbox"/> new <input type="checkbox"/> used <input type="checkbox"/> demo <input type="checkbox"/> leased		Is the vehicle in your possession? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	
Purchase/lease date: 05/14/12		Mileage at purchase/lease:	
First repair attempt date: 05/20/13		First repair attempt mileage: 15000	
How often is the vehicle used for business purposes (percentage): 0 %		Number of vehicles owned or leased by the business: Transmission type: <input checked="" type="checkbox"/> Automatic <input type="checkbox"/> Manual	
Has the vehicle been in an accident/had body damage? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no			Date of accident:
Description of damage:			

SECTION 3: DESIRED OUTCOME (Describe what you want done to resolve your concern)

Chevrolet company needs to take actions of responding to accident and admit at fault on airbag should have deploy on owner hitting a deer. Pay owner medical bills, new car and compensation.

Please complete the missing information in the box below and on page 2.

VEHICLE IDENTIFICATION NUMBER _____
Lienholder/Leasing Company _____ Phone Number _____
Account Number _____

SECTION 4: VEHICLE PROBLEMS (List primary problem first)

Problem	Servicing dealer(s)	# of repair attempts	List the date, mileage, and days out of service for each repair attempt	Does the problem exist now?
Example:				
A/C won't cool properly	Any Dealer, Inc.	2	4/23/06 3,500 miles 5 days 6/10/07 12,700 miles 1 day	yes
owner contact chevy, chevrolet not respond in time		3		yes
air bag not deploy, owner hit head and neck agains		3		no

Total days out of service for all problems: _____

Signature of Titled Owner(s) _____ Date _____

Printed Name of Titled Owner(s) _____

I am submitting this dispute for resolution in the BBB AUTO LINE program, and I agree to arbitrate the dispute under the BBB AUTO LINE Arbitration Rules.

Please mail or fax this completed form with copies of all available repair orders, your vehicle registration, your sales agreement or lease agreement, and any other relevant documents (e.g., written correspondence with the manufacturer, etc.) to:

**BBB AUTO LINE
3033 Wilson Blvd., Suite 600
Arlington VA, 22201
Fax: 703-247-9700**

September 18, 2013

[REDACTED]
[REDACTED]
Jackson, MS [REDACTED]

RE: Service Request: 71-1187826862
2012 Cruze
Vehicle Identification Number: 1G1PF5SC9C7 [REDACTED]
Customer Relationship Specialist: Kathleen

Dear Ms. [REDACTED]:

Thank you for taking the time to contact General Motors regarding your vehicle. I am aware of the concern you are having with your 2012 Cruze; however, I have been unsuccessful in my attempts to reach you. At your earliest convenience, please contact the General Motors Product Allegation Resolution Assistance Center at 1-800-231-1841 Monday through Friday between 8:00 a.m. and 5:00 p.m., Eastern Time and ask for Kathleen.

Thank you for giving General Motors this opportunity to be of assistance. We hope to earn your trust and respect with every contact you have with General Motors Product Allegation Resolution Department.

Sincerely,

General Motors

cc: FILE

PA0011
V10202009

Kathleen
Halloran/Austin/GM1
05/30/2013 08:49 AM

To edward.pianalto@gm.com
cc
bcc
Subject 71-11878262862 PAC Case Handled within BRC No Action
Required

A product allegation claim has been made in your district. The customer is alleging an airbag non-deployment during a collision.

Customer Last Name Only: [REDACTED]

Year, Make, Model: 2012 Chevrolet Cruze

VIN 1G1PF5SC9C7 [REDACTED]

No Dealership Involvement

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

Best wishes,

Kathy | PAC

Aditya Birla Minacs | Inspired Every Day
PAC Agent ATX
Phone (866) 790- 5600 x 11090 | Fax (866) 311 2784 www.kathleen_halloran@gmexpert.com

If you have further questions, please contact me between 9:00 a.m. and 5:30 p.m., Eastern Time. You may also contact the Business Resource Center at 800-231-1841, Monday through Friday between 8:00 a.m. and 5:00 p.m., Eastern Time. Please refer to the service request number above.

Arryon Maiden/Austin/GM1

05/30/2013 01:59 PM

To brad.bryce@gm.com

cc

bcc

Subject 71-1188445154 PAC Case Sent to ESIS No Action Required

A product allegation claim has been made in your region. The customer is alleging the air bags did not deploy in an accident. This case is being escalated to ESIS because customer sought medical attention for injuries.

Customer Last Name Only: [REDACTED]

Year, Make, Model: 2012 Chevrolet Camaro

VIN: 2G1FA1E34C9 [REDACTED]

Dealership, City, State (BAC): No dealership involved

Dealership Contact, Title/Position

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

If you have further questions, please contact Customer Relationship Specialist Arryon at 866-790-5700 x21238, You may also contact the Business Resource Center at 800-231-1841, Monday through Friday between 8:00 am and 5:00 pm, Eastern Time. Please refer to the service request number above.

Sincerely,

General Motors

Deborah
Stewart/Austin/GM1
06/04/2013 01:26 PM

To: william.tayloriii@gm.com
cc
bcc
Subject: 71-1190003150 PAC Case Handled within BRC No Action
Required

A product allegation claim has been made in your district. The customer is alleging the air bags did not deploy in a collision.

Customer [REDACTED]

2012 Chevrolet Cruze

1G1PC5SH8C7 [REDACTED]

No involved dealer.

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

Best wishes,
Debbie Stewart
Product Assistance Claims
Aditya Birla Minacs
deborah_stewart@gmexpert.com

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	1G1PC5SH8C7 [REDACTED]
User	Ron Graves
Case Number	71-1190003150
EDR Data Imaging Date	06/06/2013
Crash Date	06/02/2013
Filename	1G1PC5SH8C7 [REDACTED].ACM.CDRX
Saved on	Thursday, June 6 2013 at 12:06:37
Collected with CDR version	Crash Data Retrieval Tool 10.2
Reported with CDR version	Crash Data Retrieval Tool 10.2
EDR Device Type	Airbag Control Module
Event(s) recovered	Non-Deployment, Non-Deployment

Comments

Owner states they were sitting at a lite stopped and got rear ended, and was shoved into the car in front of them and the air bags did not deploy.

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.
- 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 deployment times for subsequent deployment type events, during the same ignition cycle, will not be recorded. Also, forced timer loops, will not be shown as being commanded to deploy. Loops without their own independent deployment calibration are called "forced timer loops." Examples of a forced timer loops are Pretensioner Deployment Loop #2 and Knee Deployment Loop.
- 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.

Data Element Notation	Positive Sign
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

01042_SDM10P-autoliv_r011

System Status at Time of Retrieval

Dynamic Deployment Event Counter	0
Multi-Event, Number of Events (Dynamic Event Counter)	2
Dynamic OnStar Notification Event Counter	0
Vehicle Identification Number (VIN)	1G1PC5SH8C7323366
Ignition Cycle, Download (Ignition Cycles at Investigation)	1998
End Model Part Number	00CF4CCF
System Type	Autoliv
Software Module Identifier 1	00CF4CCB
Software Module Identifier 2	05AA8480
Software Module Identifier 3	00CF2D7D
Manufacturing Traceability Data, Component Identifier	AS
Manufacturing Traceability Data, Part Number/Broadcast Code	5615
Manufacturing Traceability Data, Supplier Code	E
Manufacturing Traceability Data, Traceability Number	050103641
ESS # 1 Traceability Data, Component Identifier	AU
ESS # 1 Traceability Data, Part Number/Broadcast Code	2577
ESS # 1 Traceability Data, Supplier Code	E
ESS # 1 Traceability Data, Traceability Number	015FEC873
ESS # 2 Traceability Data, Component Identifier	AT
ESS # 2 Traceability Data, Part Number/Broadcast Code	2577
ESS # 2 Traceability Data, Supplier Code	E
ESS # 2 Traceability Data, Traceability Number	015FEDB0A
ESS # 3 Traceability Data, Component Identifier	AH
ESS # 3 Traceability Data, Part Number/Broadcast Code	2577
ESS # 3 Traceability Data, Supplier Code	E
ESS # 3 Traceability Data, Traceability Number	015FBBFA9
ESS # 4 Traceability Data, Component Identifier	AJ
ESS # 4 Traceability Data, Part Number/Broadcast Code	2577
ESS # 4 Traceability Data, Supplier Code	E
ESS # 4 Traceability Data, Traceability Number	015FC10AE
ESS # 5 Traceability Data, Component Identifier	DA
ESS # 5 Traceability Data, Part Number/Broadcast Code	4936
ESS # 5 Traceability Data, Supplier Code	E
ESS # 5 Traceability Data, Traceability Number	015EF9A6A
ESS # 6 Traceability Data, Component Identifier	DB
ESS # 6 Traceability Data, Part Number/Broadcast Code	4936
ESS # 6 Traceability Data, Supplier Code	E
ESS # 6 Traceability Data, Traceability Number	015F566ED
ESS # 7 Traceability Data, Component Identifier	00
ESS # 7 Traceability Data, Part Number/Broadcast Code	0000
ESS # 7 Traceability Data, Supplier Code	E
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	E
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)	1982
Algorithm Active: Frontal	No
Algorithm Active: Side	Yes
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	N/A
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)	655330
Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	1938
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]	12 [20]
Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM Recorded Vehicle Velocity Change)(msec)	174
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)	44

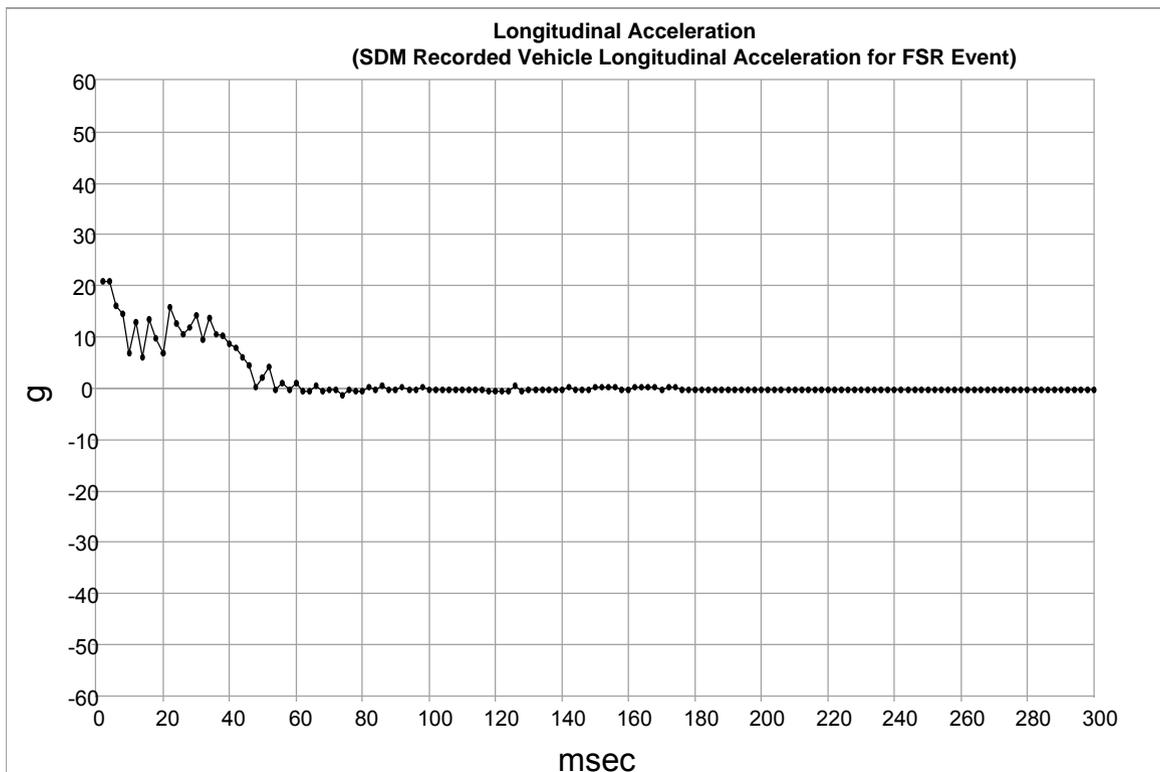
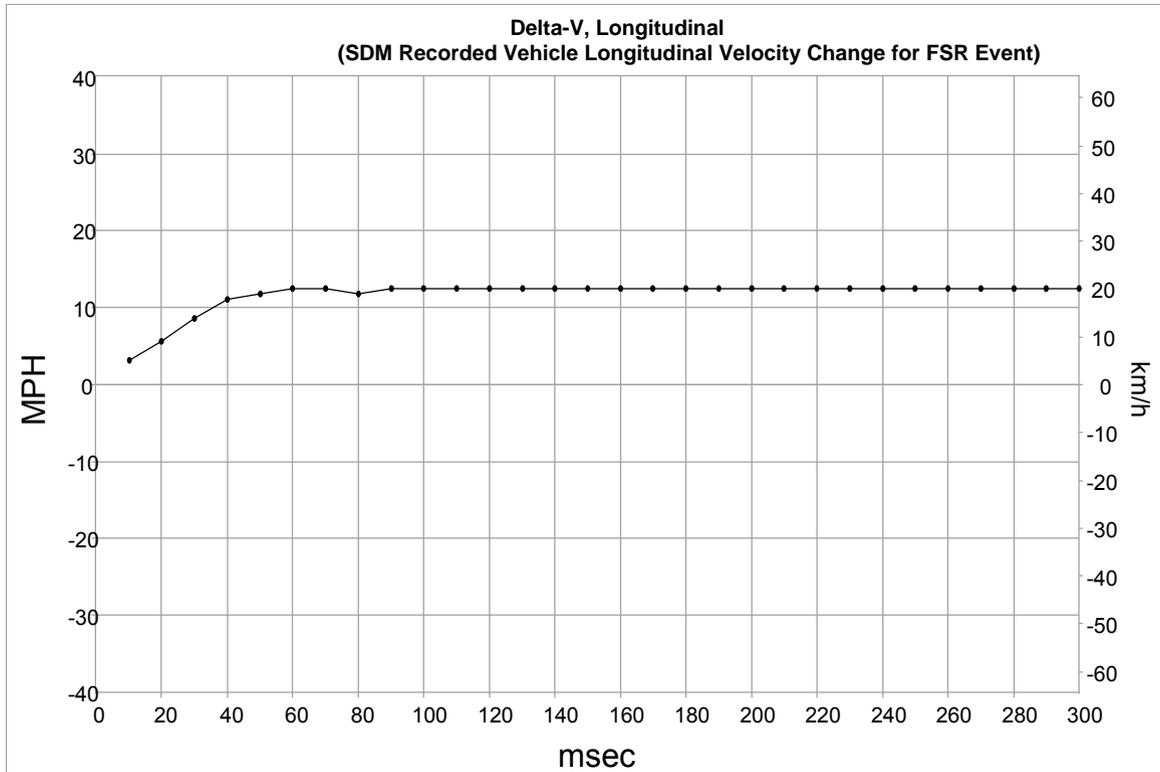
DTCs Present at Time of Event (Event Record 1)

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
Driver Row 2 Thorax Loop Commanded (If Equipped)	No
Passenger 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
Driver Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Passenger Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Driver Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Passenger 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
Driver Row 2 Pretensioner Deployment Loop Commanded	No
Passenger 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
Driver Row 2 Head Rest Loop Commanded (If Equipped)	No
Passenger 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)	33
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)	33

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	3.1	5.0
20	5.6	9.0
30	8.7	14.0
40	11.2	18.0
50	11.8	19.0
60	12.4	20.0
70	12.4	20.0
80	11.8	19.0
90	12.4	20.0
100	12.4	20.0
110	12.4	20.0
120	12.4	20.0
130	12.4	20.0
140	12.4	20.0
150	12.4	20.0
160	12.4	20.0
170	12.4	20.0
180	12.4	20.0
190	12.4	20.0
200	12.4	20.0
210	12.4	20.0
220	12.4	20.0
230	12.4	20.0
240	12.4	20.0
250	12.4	20.0
260	12.4	20.0
270	12.4	20.0
280	12.4	20.0
290	12.4	20.0
300	12.4	20.0

Longitudinal Crash Pulse (Event Record 1)

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
2	21.0
4	21.0
6	16.2
8	14.6
10	7.0
12	13.0
14	6.2
16	13.4
18	9.8
20	7.0
22	15.8
24	12.6
26	10.6
28	11.8
30	14.2
32	9.4
34	13.8
36	10.6
38	10.2
40	8.6
42	7.8
44	6.2
46	4.6
48	0.2
50	2.2
52	4.2
54	-0.2
56	1.0
58	-0.2
60	1.0
62	-0.6
64	-0.6
66	0.6
68	-0.6
70	-0.2
72	-0.2
74	-1.4
76	-0.2
78	-0.6
80	-0.6
82	0.2
84	-0.2
86	0.6
88	-0.2
90	-0.2
92	0.2
94	-0.2
96	-0.2
98	0.2

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
100	-0.2

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
102	-0.2
104	-0.2
106	-0.2
108	-0.2
110	-0.2
112	-0.2
114	-0.2
116	-0.2
118	-0.6
120	-0.6
122	-0.6
124	-0.6
126	0.6
128	-0.6
130	-0.2
132	-0.2
134	-0.2
136	-0.2
138	-0.2
140	-0.2
142	0.2
144	-0.2
146	-0.2
148	-0.2
150	0.2
152	0.2
154	0.2
156	0.2
158	-0.2
160	-0.2
162	0.2
164	0.2
166	0.2
168	0.2
170	-0.2
172	0.2
174	0.2
176	-0.2
178	-0.2
180	-0.2
182	-0.2
184	-0.2
186	-0.2
188	-0.2
190	-0.2
192	-0.2
194	-0.2
196	-0.2
198	-0.2

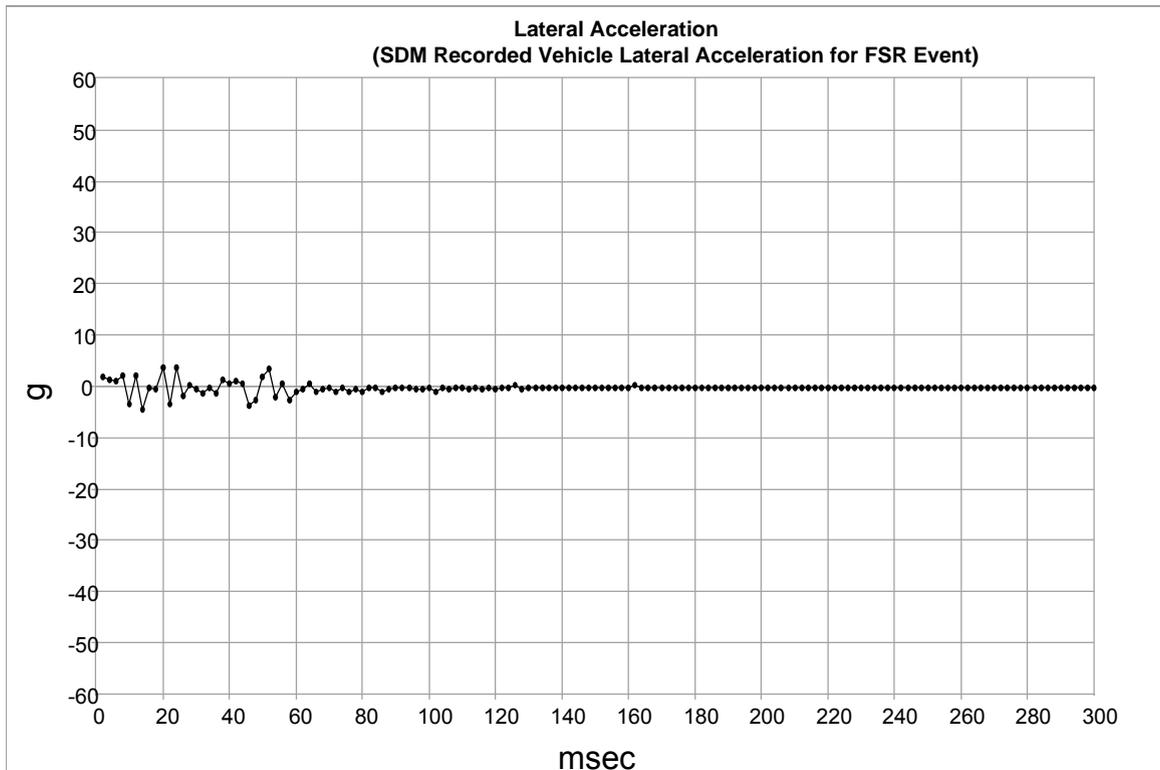
Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
200	-0.2

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
202	-0.2
204	-0.2
206	-0.2
208	-0.2
210	-0.2
212	-0.2
214	-0.2
216	-0.2
218	-0.2
220	-0.2
222	-0.2
224	-0.2
226	-0.2
228	-0.2
230	-0.2
232	-0.2
234	-0.2
236	-0.2
238	-0.2
240	-0.2
242	-0.2
244	-0.2
246	-0.2
248	-0.2
250	-0.2
252	-0.2
254	-0.2
256	-0.2
258	-0.2
260	-0.2
262	-0.2
264	-0.2
266	-0.2
268	-0.2
270	-0.2
272	-0.2
274	-0.2
276	-0.2
278	-0.2
280	-0.2
282	-0.2
284	-0.2
286	-0.2
288	-0.2
290	-0.2
292	-0.2
294	-0.2
296	-0.2
298	-0.2

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
300	-0.2

Lateral Crash Pulse (Event Record 1) Delta-V, Lateral (SDM Recorded Vehicle Lateral Velocity Change for FSR Event)

Contains No Recorded Data



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	1.8	102	-1.0	202	-0.2
4	1.4	104	-0.2	204	-0.2
6	1.0	106	-0.6	206	-0.2
8	2.2	108	-0.2	208	-0.2
10	-3.4	110	-0.2	210	-0.2
12	2.2	112	-0.6	212	-0.2
14	-4.6	114	-0.2	214	-0.2
16	-0.2	116	-0.6	216	-0.2
18	-0.6	118	-0.2	218	-0.2
20	3.8	120	-0.6	220	-0.2
22	-3.4	122	-0.2	222	-0.2
24	3.8	124	-0.2	224	-0.2
26	-1.8	126	0.2	226	-0.2
28	0.2	128	-0.6	228	-0.2
30	-0.6	130	-0.2	230	-0.2
32	-1.4	132	-0.2	232	-0.2
34	-0.2	134	-0.2	234	-0.2
36	-1.4	136	-0.2	236	-0.2
38	1.4	138	-0.2	238	-0.2
40	0.6	140	-0.2	240	-0.2
42	1.0	142	-0.2	242	-0.2
44	0.6	144	-0.2	244	-0.2
46	-3.8	146	-0.2	246	-0.2
48	-2.6	148	-0.2	248	-0.2
50	1.8	150	-0.2	250	-0.2
52	3.4	152	-0.2	252	-0.2
54	-2.2	154	-0.2	254	-0.2
56	0.6	156	-0.2	256	-0.2
58	-2.6	158	-0.2	258	-0.2
60	-1.0	160	-0.2	260	-0.2
62	-0.6	162	0.2	262	-0.2
64	0.6	164	-0.2	264	-0.2
66	-1.0	166	-0.2	266	-0.2
68	-0.6	168	-0.2	268	-0.2
70	-0.2	170	-0.2	270	-0.2
72	-1.0	172	-0.2	272	-0.2
74	-0.2	174	-0.2	274	-0.2
76	-1.0	176	-0.2	276	-0.2
78	-0.6	178	-0.2	278	-0.2
80	-1.0	180	-0.2	280	-0.2
82	-0.2	182	-0.2	282	-0.2
84	-0.2	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	-0.2	190	-0.2	290	-0.2
92	-0.2	192	-0.2	292	-0.2
94	-0.2	194	-0.2	294	-0.2
96	-0.6	196	-0.2	296	-0.2
98	-0.6	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	0	On	1344	5	29 [46]
-4.5	0	On	1408	5	25 [41]
-4.0	0	On	1600	6	22 [36]
-3.5	0	On	1472	6	21 [33]
-3.0	0	On	1344	5	19 [30]
-2.5	0	On	1344	5	16 [25]
-2.0	0	On	1216	5	13 [21]
-1.5	0	On	1152	4	11 [18]
-1.0	0	On	1152	4	10 [16]
-0.5	0	On	1088	4	9 [15]

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	-6 [-8]	Off
-1.5	No	No	No	-5 [-6]	Off
-1.0	No	No	No	-5 [-6]	Off
-0.5	No	No	No	-4 [-6]	Off

System Status at Event (Event Record 2)

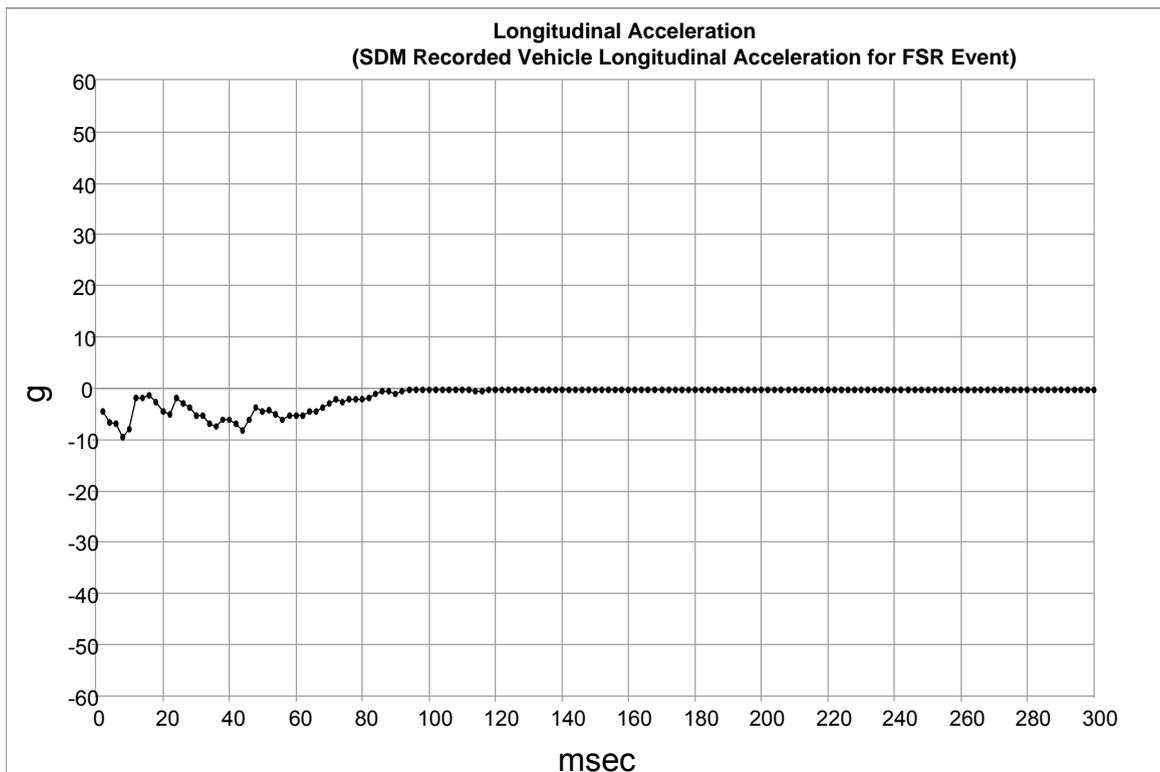
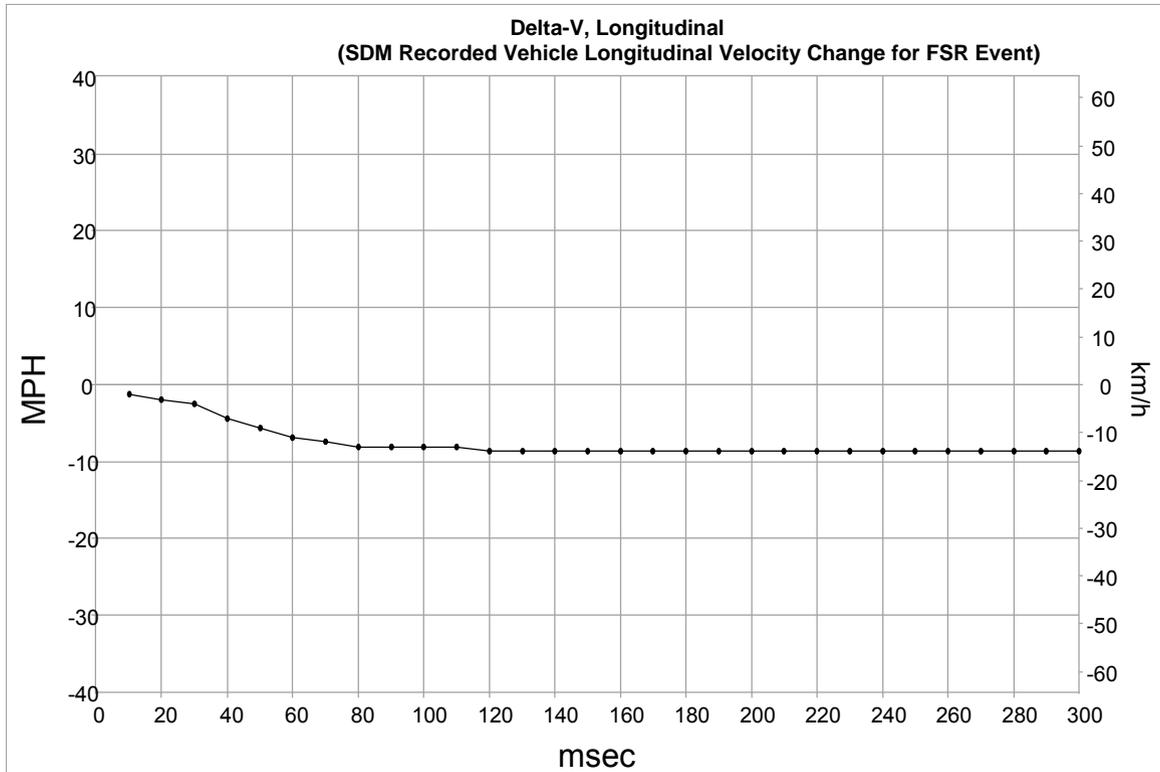
Event Record Type	Non-Deployment
OnStar Deployment Status Data Sent	Yes
Complete file recorded (Event Recording Complete)	Yes
Crash Record Locked	No
OnStar SDM Recorded Vehicle Velocity Change Data Sent	Yes
Deployment Event Counter	0
Multi-Event, Number of Events (Event Counter)	2
OnStar Notification Event Counter	1
Time From Event 1 to 2 (Time Between Events) (seconds)	0.72
Ignition Cycle, Crash (Ignition Cycles at Event)	1982
Algorithm Active: Frontal	Yes
Algorithm Active: Side	Yes
Algorithm Active: Rollover	Yes
Algorithm Active: Rear	No
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	No
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	N/A
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)	655330
Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	1938
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]	-9 [-14]
Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM Recorded Vehicle Velocity Change)(msec)	124
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)	36

DTCs Present at Time of Event (Event Record 2)
No Diagnostic Trouble Codes

Event Data (Event Record 2)

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	No
Passenger Pretensioner Deployment Loop #1 Commanded	No
Driver Pretensioner Deployment Loop #2 Commanded	No
Passenger Pretensioner Deployment Loop #2 Commanded	No
Driver Thorax Loop Commanded (If Equipped)	No
Passenger Thorax Loop Commanded (If Equipped)	No
Driver Row 2 Thorax Loop Commanded (If Equipped)	No
Passenger 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
Driver Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Passenger Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Driver Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No
Passenger 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
Driver Row 2 Pretensioner Deployment Loop Commanded	No
Passenger 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
Driver Row 2 Head Rest Loop Commanded (If Equipped)	No
Passenger 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)	Data Not Available
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)	Data Not Available

Longitudinal Crash Pulse (Event Record 2)



Longitudinal Crash Pulse (Event Record 2)

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	-2.5	-4.0
40	-4.3	-7.0
50	-5.6	-9.0
60	-6.8	-11.0
70	-7.5	-12.0
80	-8.1	-13.0
90	-8.1	-13.0
100	-8.1	-13.0
110	-8.1	-13.0
120	-8.7	-14.0
130	-8.7	-14.0
140	-8.7	-14.0
150	-8.7	-14.0
160	-8.7	-14.0
170	-8.7	-14.0
180	-8.7	-14.0
190	-8.7	-14.0
200	-8.7	-14.0
210	-8.7	-14.0
220	-8.7	-14.0
230	-8.7	-14.0
240	-8.7	-14.0
250	-8.7	-14.0
260	-8.7	-14.0
270	-8.7	-14.0
280	-8.7	-14.0
290	-8.7	-14.0
300	-8.7	-14.0

Longitudinal Crash Pulse (Event Record 2)

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
2	-4.6
4	-6.6
6	-7.0
8	-9.4
10	-7.8
12	-1.8
14	-1.8
16	-1.4
18	-2.6
20	-4.6
22	-5.0
24	-1.8
26	-3.0
28	-3.8
30	-5.4
32	-5.4
34	-7.0
36	-7.4
38	-6.2
40	-6.2
42	-7.0
44	-8.2
46	-6.2
48	-3.8
50	-4.6
52	-4.2
54	-5.0
56	-6.2
58	-5.4
60	-5.4
62	-5.4
64	-4.6
66	-4.6
68	-3.8
70	-3.0
72	-2.2
74	-2.6
76	-2.2
78	-2.2
80	-2.2
82	-1.8
84	-1.0
86	-0.6
88	-0.6
90	-1.0
92	-0.6
94	-0.2
96	-0.2
98	-0.2

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
100	-0.2

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
102	-0.2
104	-0.2
106	-0.2
108	-0.2
110	-0.2
112	-0.2
114	-0.6
116	-0.6
118	-0.2
120	-0.2
122	-0.2
124	-0.2
126	-0.2
128	-0.2
130	-0.2
132	-0.2
134	-0.2
136	-0.2
138	-0.2
140	-0.2
142	-0.2
144	-0.2
146	-0.2
148	-0.2
150	-0.2
152	-0.2
154	-0.2
156	-0.2
158	-0.2
160	-0.2
162	-0.2
164	-0.2
166	-0.2
168	-0.2
170	-0.2
172	-0.2
174	-0.2
176	-0.2
178	-0.2
180	-0.2
182	-0.2
184	-0.2
186	-0.2
188	-0.2
190	-0.2
192	-0.2
194	-0.2
196	-0.2
198	-0.2

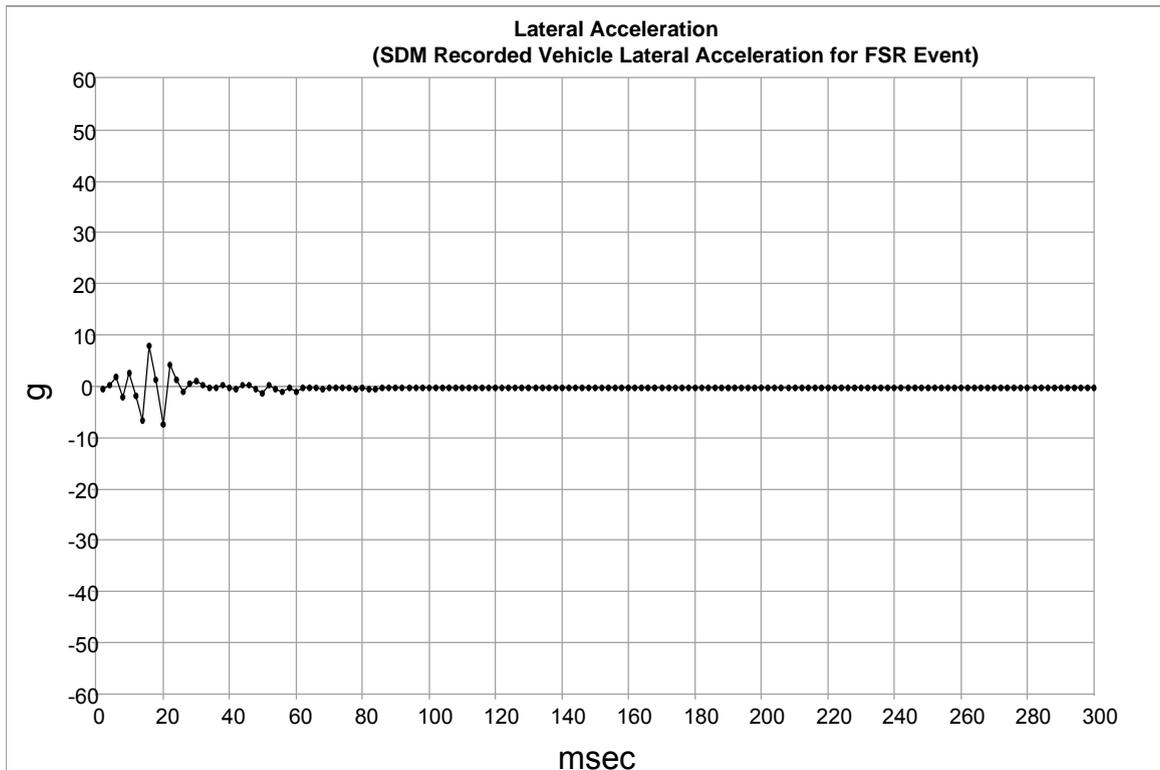
Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
200	-0.2

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
202	-0.2
204	-0.2
206	-0.2
208	-0.2
210	-0.2
212	-0.2
214	-0.2
216	-0.2
218	-0.2
220	-0.2
222	-0.2
224	-0.2
226	-0.2
228	-0.2
230	-0.2
232	-0.2
234	-0.2
236	-0.2
238	-0.2
240	-0.2
242	-0.2
244	-0.2
246	-0.2
248	-0.2
250	-0.2
252	-0.2
254	-0.2
256	-0.2
258	-0.2
260	-0.2
262	-0.2
264	-0.2
266	-0.2
268	-0.2
270	-0.2
272	-0.2
274	-0.2
276	-0.2
278	-0.2
280	-0.2
282	-0.2
284	-0.2
286	-0.2
288	-0.2
290	-0.2
292	-0.2
294	-0.2
296	-0.2
298	-0.2

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
300	-0.2

Lateral Crash Pulse (Event Record 2) Delta-V, Lateral (SDM Recorded Vehicle Lateral Velocity Change for FSR Event)

Contains No Recorded Data



Lateral Crash Pulse (Event Record 2)

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

Rollover Crash Pulse (Event Record 2) SDM Recorded Vehicle Roll Rate

Contains No Recorded Data

Rollover Crash Pulse (Event Record 2) Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event)

Contains No Recorded Data

**Vertical Crash Pulse (Event Record 2)
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 2)

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	0	On	1408	5	25 [41]
-4.5	0	On	1600	6	22 [36]
-4.0	0	On	1472	6	21 [33]
-3.5	0	On	1344	5	19 [30]
-3.0	0	On	1344	5	16 [25]
-2.5	0	On	1216	5	13 [21]
-2.0	0	On	1152	4	11 [18]
-1.5	0	On	1152	4	10 [16]
-1.0	0	On	1088	4	9 [15]
-0.5	0	Off	1088	4	25 [40]

Pre-Crash Data -2.0 to -0.5 sec (Event Record 2)

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	-5 [-6]	Off
-1.0	No	No	No	-4 [-6]	Off
-0.5	No	No	No	0 [0]	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.

DPID \$11
FF F3 C0 FC C0 7C 00

DPID \$15
01 02 03 04 05 06 07

DPID \$16
08 09 0A 0D 0E 00 00

DPID \$17
13 14 0C 0B 00 00 00

DPID \$32
00 FD 07 CE 00 00 00

DPID \$35
78 00 00 00 00 00 00

DID \$01
41 55 32 35 37 37 45 30 31 35 46 45 43 38 37 33

DID \$03
41 54 32 35 37 37 45 30 31 35 46 45 44 42 30 41

DID \$05
41 48 32 35 37 37 45 30 31 35 46 42 42 46 41 39

DID \$07
41 4A 32 35 37 37 45 30 31 35 46 43 31 30 41 45

DID \$09
44 41 34 39 33 36 45 30 31 35 45 46 39 41 36 41

DID \$0B
44 42 34 39 33 36 45 30 31 35 46 35 36 36 45 44

DID \$0D
30 30 30 30 30 30 45 30 30 30 30 30 30 30 30 30

DID \$0F
30 30 30 30 30 30 45 30 30 30 30 30 30 30 30 30

DID \$30
00 00 02 00

DID \$90
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DID \$9A
04 01

DID \$B4
41 53 35 36 31 35 45 30 35 30 31 30 33 36 34 31

DID \$C1
00 CF 4C CB

DID \$C2
05 AA 84 80

DID \$C3
00 CF 2D 7D

DID \$CB
00 CF 4C CF

DID \$31

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0050 15 17 19 16 15 06 94 06 93 06
0060 93 06 8F 04 04 04 05 05 05 06
0070 06 05 05 0F 10 12 15 19 1E 21
0080 24 29 2E 00 FF FD 07 92 FD 00
0090 00 00 00 00 00 00 00 00 00 00
0100 00 00 00 00 00 00 00 00 00 00
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0210 9F 89 9A 7B 9D 80 A3 7E 97 7C
0220 A2 7F 9A 7C 99 83 95 81 93 82
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0320 7F 7F 7F 7F 7F 7F 7F 7F 80 7F
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1090	FF									
1100	FF									
1110	FF									

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DID §32

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0070 06 06 05 28 0F 10 12 15 19 1E
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1200 FF
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DID §33

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Disclaimer of Liability

The users of the CDR product and reviewers of the CDR reports and exported data shall ensure that data and information supplied is applicable to the vehicle, vehicle's system(s) and the vehicle ECU. Robert Bosch LLC and all its directors, officers, employees and members shall not be liable for damages arising out of or related to incorrect, incomplete or misinterpreted software and/or data. Robert Bosch LLC expressly excludes all liability for incidental, consequential, special or punitive damages arising from or related to the CDR data, CDR software or use thereof.



71-1190003150 GM Product Assistance - Claims Department (PAC) Request

Al Difalco to: Al Difalco

06/05/2013 10:47 AM

PAC Information Provided:

PAR Record Number:

Number : PAC0001540

Provided Information:

PAC File Number : 71-1190003150

Customer Information:

Customer First Name : [REDACTED]

[REDACTED]

[REDACTED]

Customer City : Summerville

Customer State : SC

Customer Zip Code : [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Vehicle Information:

VIN : 1G1PC5SH8C7 [REDACTED]

Vehicle Year : 2012

Vehicle Make : Chevrolet

Vehicle Model : Cruze

Vehicle Mileage : 15000

Vehicle Location Information:

Dealer/Salvage/Other : Other

POC Name :

POC Phone :

POC Email :

Dealer BAC :

Name of Business : Summerville Collision Center

Vehicle Location Address : 1011 W 5th North St

Vehicle Location City : Summerville

Vehicle Location State : SC

Vehicle Location Zip Code : 29483

Customer Concerns:

Air Bag Deployment Concern - In a Collision : true

Air Bag Deployment Concern - No Collision : false

Accelerator/Throttle Concern : false

Brakes ABS Concern : false

Engine/Transmission/Drivetrain Concern : false

Fire/Thermal Event Concern : false

Restraint/SIR/Seats/Seatbelt Concern : false

Steering/Suspension/Tire/Wheels Concern : false

Water/Moisture/Odor Concern : false

Additional Information Concern : The customer was stopped and got rear ended by another vehicle which pushed his vehicle into the vehicle in front of him. None of the air bags deployed. The vehicle is currently at a collision center where the insurance had it towed to.

CSR Information:

Requestor Name : Deborah Stewart

Requestor Email : deborah_stewart@gmexpert.com

Requestor Phone : 866-790-5600 Ext 31117

Requestor Fax : 866-775-9478

Ref:MSG0565384

Deborah
Stewart/Austin/GM1
06/17/2013 03:33 PM

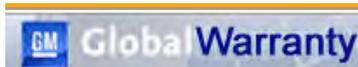
To bobby.queshi@gm.com
cc william.tayloriii@gm.com
bcc
Subject 71-1190003150 PAC Recommended Denial BRM Approval
Required

A recent product allegation claim was made in your region. The customer alleged the air bags did not deploy in a collision.

Customer [REDACTED]
2012 Chevrolet Cruze
1G1PC5SH8C7 [REDACTED]
No involved dealer.

PAC is recommending *denial* to resolve the customer's claim. **Please respond with your denial.** Once we receive it, the decision will be relayed to the customer and the involved dealership.

Best wishes,
Debbie Stewart
Product Assistance Claims
Aditya Birla Minacs
deborah_stewart@gmexpert.com



AI DiFalco

[Logout](#)

June 17, 2013

Global Warranty Management: [Main](#) > [Interface With Customer](#) > [View Vehicle Summary](#)**INTERFACE WITH
CUSTOMER****USER OPTIONS**

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).

Vehicle Information

VIN: 1G1PC5SH8C

Model: 1PL69-2012 CRUZE

Service Contract: [Yes](#)

Branded Title: No

Warranty Block: No

PDI Status: Yes

Order Type: 70 - RETAIL - STOCK

Field Actions: [0 Open](#)[REQUEST ANOTHER VIN](#)

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](#)[Investigate Major
Assembly History](#)

Required Field Actions

Open field actions are highlighted

Type	Number	Original Nbr	Description	Release Date	Status
Product Safety Recall	N120081	12081	OIL SPILLS OR LEAKS ONTO HOT SURFACES	06/21/2012	Closed
Product Safety Recall	N120133	12133	POTENTIAL MISSING WELDS IN REAR COMPARTMENT	06/22/2012	Closed

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: XZC7K2MP

XM Status: **Active**

OnStar Vehicle Diagnostics: N

DMN Enabled: Y

Applicable Warranties

Valid warranties are highlighted

Valid	Description	Warranty Add Date	Start Date	Effective Odometer	End Date	End Odometer
	Corrosion Limited Warranty	05/16/2012	05/12/2012	14 MI	05/12/2018	100,014 MI
	Emission Select	05/16/2012	05/12/2012	14 MI	05/12/2020	80,014 MI

Component Ltd Wty					
Bumper to Bumper Limited Warranty	05/16/2012	05/12/2012	14 MI	05/12/2015	36,014 MI
Powertrain Limited Warranty	05/16/2012	05/12/2012	14 MI	05/12/2017	100,014 MI

Service Contract

Policy Number: 900489649

Owner: BLICK

Description: GMPP Major Guard New

Deductible Amount: 0.00

Effective Date: 05/12/2012

Expiration Date: 05/12/2018

Effective Odometer: 15 MI

Expiration Odometer: 72015 MI

Daily Rental Limit: 35.00

Transaction History

[View Details](#)

Job Card Date	Job Card Number	Transaction Type	Transaction Adjustment	Labour Operation	Odometer Reading
03/27/2013	141422	ZREG----Regular Vehicle Transaction	Add Credit	J3501 - Engine Coolant Thermostat Housing Replacement	11,963 MI
03/27/2013	141422	ZREG----Regular Vehicle Transaction	Full Debit - Reversal	J3501 - Engine Coolant Thermostat Housing Replacement	11,963 MI
03/27/2013	141422	ZREG----Regular Vehicle Transaction		J3501 - Engine Coolant Thermostat Housing Replacement	11,963 MI
08/04/2012	128290	ZFAT----Field Action Recall		V2609 - 12133 - Inspect Fuel Tank Strap Bracket - No Further Action Required	3,116 MI
08/04/2012	128290	ZFAT----Field Action Recall		V2601 - 12081 - Engine Shield Modification (automatic transmission)	3,116 MI
04/13/2012	A23366	ZPDI----Pre-Delivery Inspection		Z7000 - Pre-Delivery Inspection - Base Time	1 MI

Global Warranty Management: [Site Map](#)
[Privacy Policy](#) | [Terms of Use](#)

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Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
File case #:	71-1190003150	VIN:	1G1PC5SH8C7██████████

Inspector (First & Last Name):	Ronald Graves
Number of photos:	26

Section 1. Description

<u>Photo #</u>	<u>Description Only</u>	<u>Damage (Yes/No)</u>
1	Vin Plate	No
2	IP Cluster	No
3	Odometer	No
4	Air Bag Warning Light	No
5	Front (Exterior)	Yes
6	Passenger's Side (Exterior)	No
7	Rear (Exterior)	Yes
8	Driver's Side (Exterior)	No
9	Under Hood	No
10	Driver's Side (Interior)	No
11	Passenger's Side (Interior)	No
12	Rear (Interior Driver's Side)	No
13	Rear (Interior Passenger's Side)	No
14	Trunk/Hatch/Cargo Area	Yes
15	Front Bumper Cover Damage	Yes
16	Front Bumper Cover Damage	Yes
17	Front Bumper Cover Damage	Yes
18	Rear end Bumper Trunk Damage	Yes
19	Trunk Lid Damage	Yes
20	Damage Inner Left Trunk Frame Area	Yes
21	Damage Inner Right Trunk Frame Area	Yes
22	Damage to Trunk Floor From Underneath	Yes
23	Damage To Right C-Pillar Area	Yes
24	Damage To Left C-Pillar Area	Yes
25	Passenger Deployed Pretensioner	Yes
26	Driver's Deployed Pretensioner	Yes

Section 2.

Description and Photos

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
File case #:	71-1190003150	VIN:	1G1PC5SH8C██████████

Photo #	Description / Photo	Damage (Yes/No)
1	<p>Vin Plate</p> 	No
2	<p>IP Cluster</p> 	No

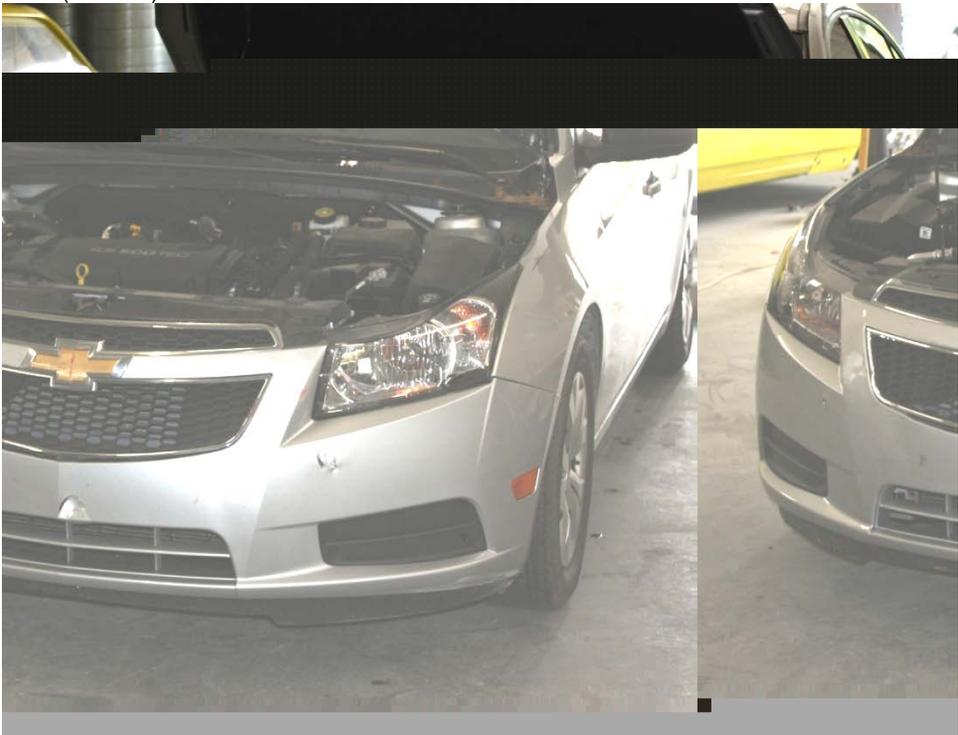
Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
File case #:	71-1190003150	VIN:	1G1PC5SH8C7██████████

Photo #	Description / Photo	Damage (Yes/No)
3	<p>Odometer</p> 	No
4	<p>Air Bag Warning Light</p> 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
File case #:	71-1190003150	VIN:	1G1PC5SH8C7██████████

Photo #	Description / Photo	Damage (Yes/No)
5	<p>Front (Exterior)</p> 	Yes
6	<p>Passenger's Side (Exterior)</p> 	No

		Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
File case #:	71-1190003150	VIN:	1G1PC5SH8C7

Photo #	Description / Photo	Damage (Yes/No)
7	Rear (Exterior) 	Yes
8	Driver's Side (Exterior) 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
File case #:	71-1190003150	VIN:	1G1PC5SH8C7██████████

Photo #	Description / Photo	Damage (Yes/No)
9	<p>Under Hood</p> 	No
10	<p>Driver's Side (Interior)</p> 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
File case #:	71-1190003150	VIN:	1G1PC5SH8C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
11	Passenger's Side (Interior) 	No
12	Rear (Interior Driver's Side) 	No

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
File case #:	71-1190003150	VIN:	1G1PC5SH8C██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
13	Rear (Interior Passenger's Side) 	No
14	Trunk/Hatch/Cargo Area 	Yes

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
File case #:	71-1190003150	VIN:	1G1PC5SH8C7██████████

Photo #	Description / Photo	Damage (Yes/No)
15	<p>Front Bumper Cover Damage</p> 	Yes
16	<p>Front Bumper Cover Damage</p> 	Yes

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
File case #:	71-1190003150	VIN:	1G1PC5SH8C7██████████

Photo #	Description / Photo	Damage (Yes/No)
17	<p>Front Bumper Cover Damage</p> 	Yes
18	<p>Rear end Bumper Trunk Damage</p> 	Yes

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
File case #:	71-1190003150	VIN:	1G1PC5SH8C7██████████

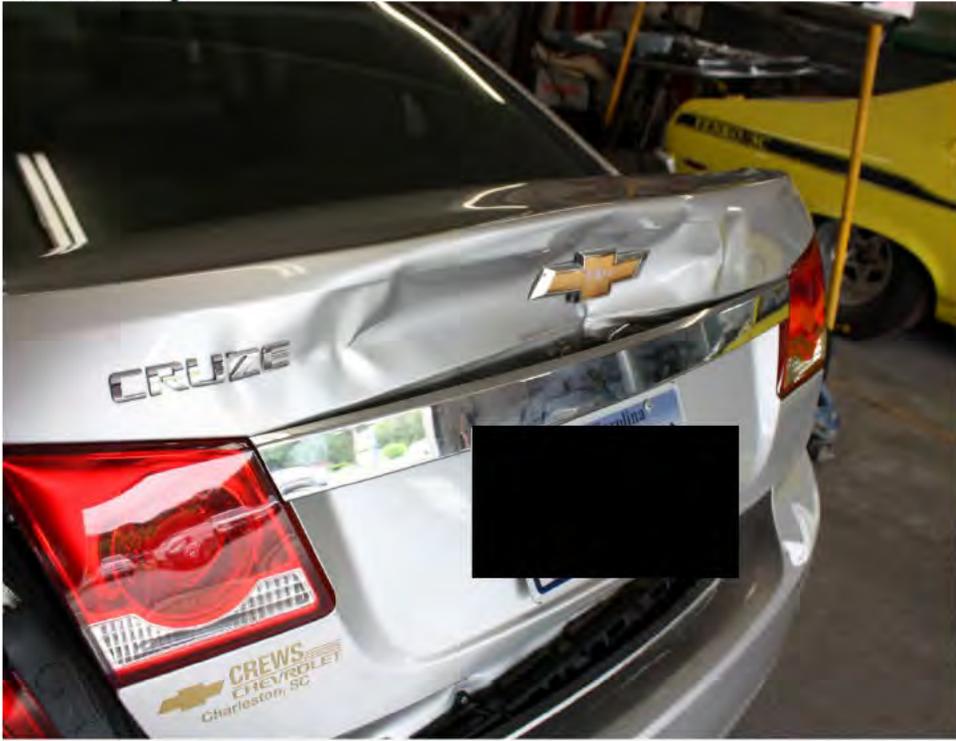
<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
19	Trunk Lid Damage 	Yes
20	Damage Inner Left Trunk Frame Area 	Yes

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
File case #:	71-1190003150	VIN:	1G1PC5SH8C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
21	Damage Inner Right Trunk Frame Area 	Yes
22	Damage to Trunk Floor From Underneath 	Yes

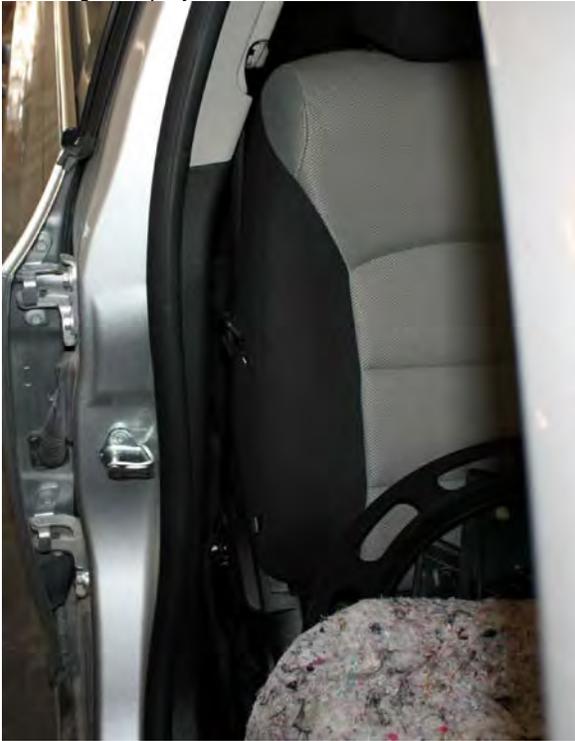
Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
File case #:	71-1190003150	VIN:	1G1PC5SH8C7██████████

Photo #	Description / Photo	Damage (Yes/No)
23	Damage To Right C-Pillar Area 	Yes
24	Damage To Left C-Pillar Area 	Yes

Photo Log & Photos for Preliminary Inspection v.2.1

Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
File case #:	71-1190003150	VIN:	1G1PC5SH8C7██████████

<u>Photo #</u>	<u>Description / Photo</u>	<u>Damage (Yes/No)</u>
25	Passenger Deployed Pretensioner 	Yes
26	Driver's Deployed Pretensioner 	Yes

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	█ k	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1190003150	VIN:	1G1PC55H8C7 █

Mileage at inspection:	15,653	Inspection location:	Summerville Collision Center
Inspected by:	Ronald Graves	Address:	1011 W 5 th North St., Summerville, SC 29483
Inspector's phone number:	843-270-8211		

Was a dealer technician used? Yes No

Number of photos

If Yes, number of hours?

If possible, document the RO number:

Number of DTCs

Maximum vehicle speed taken from CDR report:

Event 1: 29 mph
Event 2: 25 mph

Did CDR detect a rollover event? Yes No

Section 1

INSPECTION SUMMARY

Provide driver/claimant's **complete** description of incident. Do not paraphrase the customer's words. This is a very important section of the report:

"I was sitting at the top at the exit ramp at Ashley Phosphate road waiting to turn right. I looked up in my rear view and saw a truck coming at me and not slowing down. I didn't have time to do anything so I just grabbed the steering wheel and closed my eyes. The guy in the truck had had a seizure and never hit his brakes. He hit me and pushed me into the car in front of me. He rolled back down the ramp. I hit the truck in front of me so hard his trailer hitch went between his frame.

NOTE: FOR ALLEGATIONS OF AN INADVERTENT DEPLOYMENT WITH NO COLLISION, COMPLETE THE INADVERTENT AIRBAG DEPLOYMENT INSPECTION FORM.

<input checked="" type="checkbox"/>	Non-deployment (the airbag did not deploy and the claimant states that it should have)		
<input checked="" type="checkbox"/>	Front	<input type="checkbox"/> Side	<input type="checkbox"/> Other

<input type="checkbox"/>	Inadvertent deployment with a collision, (the claimant states that the airbag deployed when it should not have)		
<input type="checkbox"/>	Front	<input type="checkbox"/> Side	<input type="checkbox"/> Other

<input type="checkbox"/>	Improper deployment (e.g. the claimant states that the airbag deployed late or only partially)		
<input type="checkbox"/>	Front	<input type="checkbox"/> Side	<input type="checkbox"/> Other

<input type="checkbox"/>	Deployment-induced injury in a collision (the claimant states the deployment of the airbag caused an injury)		
--------------------------	--	--	--

<input type="checkbox"/>	Other Describe: <input type="text" value=""/>		
--------------------------	---	--	--

<input type="checkbox"/>	None: seat belt - related allegation only		
--------------------------	---	--	--

Describe the seat belt related allegation below:

<input type="checkbox"/>	Non-activation (the claimant states that the seat belt did not restrain an occupant and it should have)		
<input type="checkbox"/>	Induced injury (the claimant states the seat belt system caused an injury)		
<input type="checkbox"/>	Other Describe: <input type="text" value=""/>		
<input checked="" type="checkbox"/>	None: SIR - related allegation only		

Driver seatbelt pretensioner deployed? Yes No

Passenger seatbelt pretensioner deployed? Yes No

R006 Restraint			
	k	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1190003150	VIN:	1G1PC55H8C7

Following the inspection, summarize the facts and observations:

- There was damage to the rear of the vehicle. Photos 18-22.
- The front bumper cover was the only front end damage noted. Photos 15-17.
- The CDR recorded 2 non deployment events which resulted
- +- in the deployment of both front pretensioners. (Report attached).
- There was no rollover event recorded (report attached)

Section 2 INTERVIEW – INCIDENT DETAILS

Interviewee name:	
Date of interview:	06/13/2013
Interview mode: (Telephone or in person)	Telephone

Police report? Yes No
 Fire report? Yes No

Driver's Physical Description

Name:	
Gender:	Male
Height:	5' 10"
Weight:	195
Disabilities:	None

Driver's Trip Information

Hours	Minutes	Distance	Driver's Estimated Speed
	15	10	0

Exact incident location: exit ramp I-26 and Ashley Phosphate Rd. (westbound)	Exact incident date & time: June 1, 2013 @ 5:30 p.m.
Weather condition & visibility: dry and overcast	Approximate temp (°F): 78

Was there a collision? Yes No

Were there any other occupants in the vehicle at the time of the incident? Yes No

Occupant's Information (If Applicable)

Name:		Name:	
Gender:		Gender:	
Height:		Height:	
Weight:		Weight:	
Age:		Age:	

Where were the other occupants seated?

Front Row:	<input type="checkbox"/> Right Front	<input type="checkbox"/> Front Center	
Second Row:	<input type="checkbox"/> Right Rear	<input type="checkbox"/> Center	<input type="checkbox"/> Left Rear
Third Row:	<input type="checkbox"/> Right Rear	<input type="checkbox"/> Center	<input type="checkbox"/> Left Rear

ALLEGATION THAT FRONT PASSENGER AIRBAG "DID NOT DEPLOY" IN A COLLISION

Complete this section if the customer alleges the **FRONT PASSENGER** airbag did not deploy in a collision. (Effective with the MY2007 NHTSA required all vehicles to be equipped with a Passenger Presence System.) Many vehicles were equipped with this feature prior to MY2007. Check the owner's manual and labels in the vehicle. The following information may be useful in evaluating those concerns.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1190003150	VIN:	1G1PC55H8C7██████████

If transfer marks are present, please provide: Age Height (feet & inches) Weight (lbs)

Record and photograph the passenger seat position measurement.

Seat track position: Inches
 Measure the moveable track position in relation to the stationary base of the track at the front. Is the track forward of, or back from the base? Forward of Back from
 Photograph the measurement.

Driver seat position and its distance to the IP: Inches

NOTE: THE FOLLOWING TEST WILL NOT WORK IF THE DOWNLOAD IS TAKEN DIRECTLY FROM THE SDM. RECONNECT SDM TO VEHICLE HARNESS TO PERFORM THE TEST. Take photos for documentation.

Perform the following check for vehicles equipped with a passenger airbag status indicator. NOTE: For some vehicles the key must be in the "on", or "run" position to perform the check.

Observe the PASSENGER airbag status indicator. Is the passenger airbag system "ON"? Yes No
 Sit in the passenger seat and observe the status indicator. Is the passenger airbag system "ON"? Yes No

Photograph the seat cover and cushion
 Photograph any signs of the RF seat occupant contact with the I/P or other interior area.

AIRBAG LIGHT FUNCTIONAL TEST RESULTS:

Airbag warning light came "ON" with the ignition key, blinked several times and went "OUT"? Yes
 Airbag warning light came "ON" with the ignition key, blinked several times and stayed "ON"? Yes

Describe any other results:

Turn on ignition, observe seat belt light. On? Yes No
 Buckle driver's seat belt. Seat belt light on? Yes No

When sitting in the passenger seat, does the passenger seat belt warning light (if equipped), illuminate when the belt is not buckled and go "OFF" when it is buckled? Yes No

Any objects in the road? Yes No
 If yes, describe:

Did vehicle leave the roadway? Yes No
 If yes, what was impacted?

Was there any evasive action? Turning Braking Accelerating Other: No. See Insp. Summ.

Road Surface: Concrete Asphalt Gravel Crushed Rock Dirt
 Road Condition: Dry Wet Icy Other:
 Shoulder/Curb Condition: Dry Wet Icy Other:
 Select One-----> Shoulder Curb

Any unusual noises (bang, pop, tick, grinding, metallic, roar, etc.)? Yes No
 If Yes, from where?

Prior to or after the incident, were there any warning lights on, or messages displayed on the Driver's Information Center? Yes No
 If Yes, what indicator?

Has this condition been observed prior to this incident? Yes No

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1190003150	VIN:	1G1PC55H8C7██████████

If yes, how often?

Was the repair facility contacted regarding this concern?

<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

Is an invoice for the repair available?

If Yes, what was the outcome?

If the vehicle is a truck or a car trailering cargo at the time of the incident, estimate total weight of cargo and trailer	(lbs)
Load description:	

Additional comments concerning the incident:

Section 3**VEHICLE HISTORY**

---Obtain information for this section from Driver / Claimant---

If any information for this section is obtained from anyone other than the claimant, provide the name, address, phone number and relationship, if any, to the claimant

Name:	<input type="text"/>
Address:	<input type="text"/>
Phone number:	<input type="text"/>
Relationship to claimant:	<input type="text"/>

Did the owner purchase the vehicle new? Yes NoIf yes, date of purchase?

If purchased used, provide the name, address of the seller and data of purchase:

Name:	<input type="text"/>
Address:	<input type="text"/>
Date of purchase:	<input type="text"/>

VEHICLE REPAIR / SERVICE HISTORY

If the answer is "Yes" to any of the following three questions, describe the repairs. Obtain copies of the repair order(s) if possible, and document the name of the service facility, its address, and telephone number.

Any repairs outside of warranty? Yes No

If yes, provide dates, descriptions of the repair(s) and repair invoices if possible:

Date	Repair Description / By Whom?
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

Prior electrical system service? Yes No

If yes, provide the following:

Date	Description
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

Prior collision repair? Yes No

R006 Restraint			
		Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1190003150	VIN:	1G1PC55H8C7

If yes, provide the following:

Date	Description

Prior SIR and/or seat belt service, repair, or replacement? Yes No

If yes, provide the following:

Date	Description

VEHICLE MODIFICATIONS / ALTERATIONS

Ask if there are any vehicle modifications or alterations present, and has any after-market equipment been installed? Remember that if the vehicle has been pre-owned, the current owner may not know of any/all changes to the vehicle.

<input type="checkbox"/> Remote Start	<input type="checkbox"/> Suspension	<input type="checkbox"/> Tires/Wheels	<input type="checkbox"/> Turbo	<input type="checkbox"/> Aftermarket Exhaust
<input type="checkbox"/> Body Modifications	<input type="checkbox"/> Towing Equip.	<input type="checkbox"/> Security Alarm	<input type="checkbox"/> Wiring	<input type="checkbox"/> Headers
<input type="checkbox"/> Unknown				

If yes, describe component, who installed it, and capture photos:

--

Other vehicle history information from interview, GM Warranty, or Dealership history files? Yes No

If Yes, describe & make copies:

Section 4

VEHICLE / SYSTEM INSPECTION

---Note---

Do Not "Clear Codes" from any on board module(s)

Use the scan tool to capture all diagnostic trouble codes (current or history), and photograph the screens (if a scan tool was used).

DTC	Symptom	Description	Current	History
		n/a – vehicle in an independent repair shop Tech 2 not available		

SDM Crash Data Collection:

Describe and photograph any evidence that the passenger compartment may have had moisture intrusion or the SDM has incurred any damage due to moisture/corrosion. Visually inspect the carpet and floor pan for moisture and the SDM electrical connector male and female ends for signs of corrosion. If the SDM is mounted under a seat, visually inspect for any foreign objects that could affect the airbag system operation and, if found, inspect the area very carefully. Photograph as needed.

If the vehicle is equipped with roll-over protection, download the ROS data after downloading the CDR data. (See ROS Coverage document to determine whether vehicle is supported, and/or observe the icons on the function bar on the CDR screen.) SUV-type vehicles may have roll-over protection. An "Airbag" name will be embossed on the trim at the A and possibly B pillars of the vehicle.

NOTE: Some vehicles do not require the ignition key to be in the ignition "on" position in order to download the data

- OBTAIN DERM/SDM DOWNLOADS FOR ALL INADVERTENT DEPLOYMENT ALLEGATIONS
- IF POSSIBLE, AVOID CYCLING THE IGNITION KEY ON/OFF PRIOR TO OBTAINING THE DOWNLOAD
- PHOTOS OF THE CDR SCREEN ARE REQUIRED TO SHOW ANY ERROR MESSAGES

NOTE: Save the raw CDR and ROS files, and then a PDF files. Submit all files with report.

Was the CDR download available? Yes No

If "No", describe:

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1190003150	VIN:	1G1PC55H8C7██████████

How was download obtained?

ALDL / DLC

Directly from module using adapter harness w/ Bosch CDR

If the download was obtained directly from the module, was the module removed from the vehicle?

Yes

No

If removed from the vehicle, describe and photograph the conditions under which the module was mounted when the download was obtained:

FRONT AREA: Describe any damage to the front of the vehicle. Observe and photograph whether the hood is opened, if it contacted or penetrated the windshield, and the location of the contact.

There is minor damage to the front bumper cover in three spots. The center spot was actually cut (photos 15–17)

LEFT SIDE EXTERIOR: Describe any damage to the door(s) and other body panels. Determine whether any door opened as a result of the impact. If so, photograph the latch, striker and the hinges.

-The left rear was damage from the impact (photo 14, 20)

-At the base of the rear window area the c-pillar is bent as well as the entire rear end portion (photos 20-24).

RIGHT SIDE EXTERIOR: Describe any damage to the door(s) and other body panels. Determine whether any door opened as a result of the impact. If so, photograph the latch, striker and the hinges.

The right rear damage is similar to the left side. It is bent just below the c pillar with the whole rear end bent inwardly (photo 23).

REAR AREA: Describe any damage to the rear of the vehicle. Observe and photograph whether the deck lid or rear hatch opened and note if the spare tire separated from the vehicle.

The trunk lid is shifted inwardly several inches (roughly 6 inches). Both rear quarters are bent at the c pillars as well (photos 23-24).

ROOF / ROOF STRUCTURE: Describe any damage to the roof of the vehicle. Note if any convertible tops or removable roof panels did not remain attached, and photograph the latches.

N/A

UNDERBODY / FRAME / CHASSIS AREA: The underbody should be carefully inspected and any damage to the underside of the vehicle completely described. Note the condition of the bumpers, frame, suspension, tires, wheels, & engine mount(s)/cross member. Briefly describe any damage or signs of impact to areas of the underbody and provide photos in the photo log.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1190003150	VIN:	1G1PC55H8C7██████████

The lower trunk area where the spare tire sits is bent (photo 22)

SIDE IMPACT INSPECTION

Identify and photograph the following items:

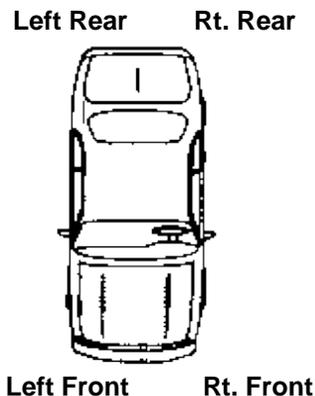
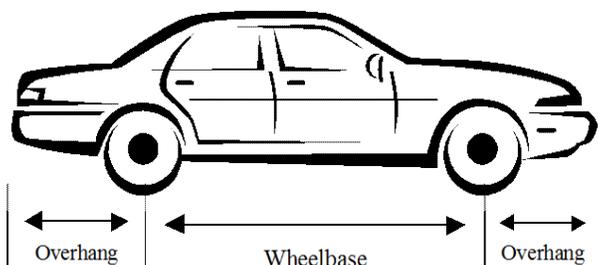
1. Door hinges on struck side damaged?
2. Door hinges on struck side separated?
3. Damage to striker/latch system?
4. Any rubber or paint transferred to the subject vehicle?
5. Damage from extrication tools (Jaws of Life)?
6. Separation of sheet metal along weld seams (doors, rocker panels, etc...)?
7. Side door beam damaged? (Photos if possible)
8. Side beam welds separated? (Photos if possible)
9. Interior door trim damaged?
10. Interior roof trim damaged near door opening?

<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

Identify and photograph the following (note the "non-struck" items):

1. Hinges on "non-struck" side
2. Latch/striker on "non-struck" side
3. Door trim on "non-struck" side
4. Headliner / roof trim on "non-struck" side
5. Overhead view (if possible)
6. Underbody, front & rear suspension
7. Striking vehicle
8. Any other vehicles involved

STRUCTURAL DEFORMATION/CRUSH AREAS



Please check all that apply:

Type of impact(s)? Frontal Side Rear Rollover Other: _____

The following dimensions should be obtained as they are important in determining the magnitude of the impact to the vehicle. See diagram for definitions of overhang. Do not report "No Change" in this section.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1190003150	VIN:	1G1PC55H8C7██████████6

All values in inches:

Driver side wheelbase	<input type="text"/>	Passenger side wheelbase	<input type="text"/>
Driver side front overhang	<input type="text"/>	Passenger side front overhang	<input type="text"/>
Driver side rear overhang	<input type="text"/>	Passenger side rear overhang	<input type="text"/>

Maximum depth of crush (Inches):	<input type="text"/>	Front	<input type="text"/>	Driver's side
	<input type="text"/>	Rear	<input type="text"/>	Passenger's side
	<input type="text"/>	Roof	<input type="text"/>	

Additional comments regarding exterior damage:

PRIOR DAMAGE

Document and photograph any damage that appears to have been present prior to this incident:

N/A

Does customer allege non-deployment of side airbags or roof rail airbags? Yes No

NOTE: Complete the following if the customer allegation involves NON DEPLOYMENT of the side impact airbags or roof rail airbags. Otherwise leave the remaining portion of section blank. Identify and photograph the following items:

Door hinges on struck side damaged?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Door hinges on struck side separated?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Damage to striker/latch system?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Any rubber or paint transferred to the subject vehicle?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Damage from extrication tools (e.g. jaws of life)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Separation of sheet metal along weld seams (doors, rocker panels, etc...)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Side door beam damaged? (Photos if possible)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Side beam welds separated (Photos if possible)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Interior door trim damaged?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Interior roof trim damaged near door opening?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

Additional comments:

Photograph the following:

Hinges on non-struck side	<input type="checkbox"/>	Overhead view (if possible)	<input type="checkbox"/>
Latch/striker on non-struck side	<input type="checkbox"/>	Door trim on non-struck side	<input type="checkbox"/>
Underbody, front & rear suspension	<input type="checkbox"/>	Headliner / roof trim on non-struck side	<input type="checkbox"/>
Striking vehicle (If available)	<input type="checkbox"/>	Any other vehicles involved (if possible)	<input type="checkbox"/>

INTERIOR INSPECTION (Photograph the side view of the steering wheel and column, the interior, and deployed airbags)

Interior reduced in size?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No	Where:
Intrusion by an external object?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No	Describe:
Loose objects inside?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No	Describe:
Cowl deformed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No	Describe:
Floorpan / Toe pan deformed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No	Describe:
Headliner / visors damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No	Describe:
Inside rear-view mirror damaged	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No	Describe:
Door trim damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No	Describe:

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1190003150	VIN:	1G1PC55H8C7██████████

Steering column displaced?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Steering column capsule bracket displaced?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Control knobs/ levers damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Accelerator/brake pedals deformed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Instrument panel damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Lower IP/Kneed bolster damaged?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:

If any of the following are "Yes", capture photographs

Driver front airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger front airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Driver side airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger side airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Driver roof rail airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Passenger roof rail airbag deployed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Describe:
Other? (pretensioners, etc.)	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Other:

Windshield (W/S) damaged? Yes No

If Yes? Cracked Broken (Top inner layer) Damaged by occupant contact

W/S separated from vehicle? Yes No % (Approx.) Approximate % of perimeter separation

Steering wheel damaged? Yes No

If Yes: Rim Hub

If yes, describe?

If applicable, indicate the "clock" position of damage to the steering wheel: o'clock

(NOTE: The top of the steering wheel assembly is 12 o'clock, regardless if the wheel itself is turned.)

Tilt steering wheel? Yes No

If yes, position? Low Med High

Telescoping steering wheel? Yes No

If yes, position? Forward Middle Rearward

IF THERE WERE ANY TRANSFER MARKS PRESENT ON THE STEERING WHEEL, PHOTOGRAPH THEM

Were transfer marks present (clothing, makeup, etc.)? No Yes

If yes, describe?

If the SDM is located under a seat, **visually** inspect for foreign objects and water intrusion that could damage the module or its wiring. If any exist, remove the seat and conduct a more extensive examination of the area. Describe findings and photograph.

Any signs of water intrusion? Yes No

If yes, describe:

SEAT INSPECTION (Photograph damaged areas)

Type of front seat? Bucket Bench 50/50 Split Bench 60/40 Split Bench

DRIVER'S SEAT INFORMATION

Seat damage? Yes No

If Yes, location? Seat bottom Backrest Headrest

Seatback struck by rear occupant? Yes No

If yes, describe:

RIGHT FRONT PASSENGER SEAT INFORMATION

Seat damage? Yes No

If Yes, location? Seat bottom Backrest Headrest

Seatback struck by rear occupant? Yes No

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1190003150	VIN:	1G1PC55H8C7██████████

If yes, describe:

Additional info regarding seat damage (Front or rear):

WINDOW INSPECTION

Note all window conditions:

RESTRAINT SYSTEM INSPECTION

Note: Do not "Clear Codes" from the on-board computer(s)

If equipped, are the pretensioners activated / deployed? Yes No

"Alleged", SIR Unit(s):

Driver front Passenger front Driver side (door/seat) Passenger side (door/seat)

Driver knee bag Passenger knee bag Roof rail airbag(s) Other:

Driver pretensioner Passenger pretensioner

Actual Deployed SIR(s):

Driver front Passenger front Driver side (door/seat) Passenger side (door /seat)

Driver knee bag Passenger knee bag Roof rail airbag(s) Other:

Driver pretensioner Passenger pretensioner

INSPECT SIR WIRING and SENSORS (IF VISIBLE)

SIR wiring damaged? Yes No Describe:
 SIR sensors damaged / disconnected? Yes No Describe:w

If any airbag(s) deployed was it the:

Driver front airbag

Bag material cut / torn? Yes No Describe:
 Transfer marks present (makeup, clothing, etc.) Yes No Describe:

Passenger front airbag

Bag material cut / torn? Yes No Describe:
 Transfer marks present (makeup, clothing, etc.) Yes No Describe:

Driver side airbag

Bag material cut / torn? Yes No Describe:
 Transfer marks present (makeup, clothing, etc.) Yes No Describe:

Passenger side airbag

Bag material cut / torn? Yes No Describe:
 Transfer marks present (makeup, clothing, etc.) Yes No Describe:

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1190003150	VIN:	1G1PC55H8C7██████████

Roof rail airbag

Bag material cut / torn?

<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

Describe:

Transfer marks present (makeup, clothing, etc.)

Describe:

SDM Crash Data Collection:

Describe and photograph any evidence that the passenger compartment may have had moisture intrusion or the SDM has incurred any damage due to moisture/corrosion. Visually inspect the carpet and floor pan for moisture and the SDM electrical connector male and female ends for signs of corrosion. If the SDM is mounted under a seat, visually inspect for any foreign objects that could affect the airbag system operation and, if found, inspect the area very carefully. Photograph as needed.

If the vehicle is equipped with roll-over protection, download the ROS data after downloading the CDR data. (See ROS Coverage document to determine whether vehicle is supported, and/or observe the icons on the function bar on the CDR screen.) SUV-type vehicles may have roll-over protection. An "Airbag" name will be embossed on the trim at the A and possibly B pillars of the vehicle.

NOTE: Some vehicles do not require the ignition key to be in the ignition "on" position in order to download the data

- OBTAIN SDM DOWNLOADS FOR ALL INADVERTENT DEPLOYMENT ALLEGATIONS
- IF POSSIBLE, AVOID CYCLING THE IGNITION KEY ON/OFF PRIOR TO OBTAINING THE DOWNLOAD
- PHOTOS OF THE CDR SCREEN ARE REQUIRED TO SHOW ANY ERROR MESSAGES

NOTE: Save the raw CDR and ROS files and then save them as PDF type files. Submit all .CDRx and PDF files with report.

Was the CDR download available?

<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
-------------------------------------	-----	--------------------------	----

If "No", describe:

How was download obtained?

<input checked="" type="checkbox"/>	ALDL / DLC	<input type="checkbox"/>	Directly from module using adapter harness w/ Bosch CDR
-------------------------------------	------------	--------------------------	---

If the download was obtained directly from the module, was the module removed from the vehicle?

<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
--------------------------	-----	--------------------------	----

If removed from the vehicle, describe/photograph the conditions under which the module was mounted when the download was obtained:

RESTRAINT SYSTEM INSPECTION (SEAT BELTS)

IF A COLLISION OCCURRED, THE SEAT BELTS SHOULD BE INSPECTED FOR SEAT BELT(S) POSITIONS OF ALL OCCUPANTS AT THE TIME OF COLLISION.

Location of inspected seatbelts:

<input checked="" type="checkbox"/>	Driver	<input type="checkbox"/>	Center front	<input type="checkbox"/>	Passenger	<input type="checkbox"/>	Third Row
<input type="checkbox"/>	Driver's side rear	<input type="checkbox"/>	Center rear	<input type="checkbox"/>	Right rear		

Photograph: The overall belt assembly (both outboard positions, even if only the driver was present in the vehicle at the time of the incident). All visible components of the seat belt system and anchor points

If equipped, are the pretensioners activated / deployed?

<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
-------------------------------------	-----	--------------------------	----

NOTE: Answer the following questions for the driver's seat belt. If other seat belt positions are inspected, use the seat belt addendum to report inspection results. Identify and photograph the following items:

Is the driver's seatbelt fully retracted?

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
--------------------------	-----	-------------------------------------	----

IF THE ANSWER IS NO, DO NOT DISTURB BELTS AT THIS TIME.

Secure webbing, measure length, and show measurement in a photo:

 Inches

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0			
Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1190003150	VIN:	1G1PC55H8C7██████████

If abnormalities are seen during the following, ensure you capture measurements and photos of the damage.

Does the webbing spool in and out freely (minimal effort)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
	<input checked="" type="checkbox"/> Lap	<input checked="" type="checkbox"/> Shoulder
Marks, cuts or debris present on shoulder and lap belt webbing?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Webbing energy management loops (if equipped) - stitches pulled free, unfolded, replacement/warning label exposed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Tack stitch separated from plastic sleeve?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Webbing cut?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does guide loop assembly exhibit striations, bent, or deformed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does guide loop adjuster move up and down (if equipped)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the seat belt buckle latch and unlatch?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the seat belt return to the stowed position when unbuckled?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Buckle condition (worn or foreign material present)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Any components missing?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the seat belt return to the stowed position when unbuckled?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Any post-collision damage present (e.g. rescue workers)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is the seat belt webbing cut? (If yes, photograph and record length of pieces):	<input type="checkbox"/> Inches	

NOTE: If there were occupants in other seating positions, inspect those seating positions and report the results on the seat belt addendum. Include it with your report.

If possible, perform a dynamic "panic stop" type test with the vehicle.

Do the retractors on the belts being inspected appear to lock and hold properly? Yes No
 If **No**, describe:

If vehicle is not drivable, jerk each belt inspected rapidly. (Note: Some inertia activated retractors will not lock on this test.) Did the retractors lock? Yes No
 If **No**, which belts do not lock/hold?

Additional comments?

Section 5 SITE INSPECTION

NOTE: In most instances a site Inspection is not required on vehicles with no damage present (e.g. claimant says they hit a pot hole...)

Was a site inspection performed? Yes No
 Comments?

Posted speed where the incident occurred? (mph)

SITE INSPECTION: PERFORM THE FOLLOWING IF ADDITIONAL INFORMATION MAY BE FOUND:

- If the customer can identify the incident scene and verify tire marks, gouges in the pavement, debris, or any police marks at the scene, measure location of the items and photograph.
- Identify evidence of whether the vehicle left the road prior to, during, or after the incident. Document all locations, distances, etc...
- Identify evidence & photograph any object struck by the vehicle on or off the road prior to, during, or after incident.
- Inspect roadway & shoulder surfaces in the area of the incident site for telltale signs of loss of control, excessive speed, severe braking, etc.

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0

Customer's last name:	██████████	Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1190003150	VIN:	1G1PC55H8C7██████████

Photograph the scene and any property involved. Only factual comments should be entered in this section:

Section 6

COMMENT OVERFLOW

Please use this area for additional comments from the inspection form. Please note the section and area that the comments are continued from prior to each comment.

Section 7

OTHER REPORT INFORMATION

Check here if there was evidence of a "Fire-Related" event.

According to NHTSA, "fire" means combustion or burning of material in or from a vehicle as evidenced by flame. The term also includes, but is not limited to, thermal events and fire-related phenomena such as smoke, sparks or smoldering, but does not include events and phenomena associated with a normally functioning vehicle, such as combustion of fuel within an engine or exhaust from an engine.

Attachments: (Check all that apply)

x	Photographs	x	Data Downloads	x	Other Records
---	-------------	---	----------------	---	---------------

Dalia Rangel/Austin/GM1

06/11/2013 10:12 AM

To robert.dusek@gm.com

cc

bcc

Subject 71-1191413876 PAC Case Sent to ESIS No Action Required

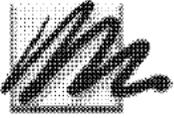
A product allegation claim has been made in your region. The customer is alleging airbags did not deploy during a collision. This case is being escalated to ESIS because injury w/medical treatment.

[REDACTED]
2012 Chevrolet Cruze
1G1PC5SHXC7 [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 | 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



Thaddeus
Kinzer/Austin/GM1
06/11/2013 03:32 PM

To paul.byrne@gm.com
cc
bcc
Subject (CA) 71-1192149853 PAC Case Sent to ESIS · No Action
Required

A product allegation claim has been made in your region. The customer is alleging airbag did not deploy during a collision. This case is being escalated to ESIS because of injuries.

Customer [REDACTED]
2012 Buick Verano [REDACTED]
1G4PP5SK6 [REDACTED]
Dealership: no dealer involved
Dealership Contact: n/a

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

If you have further questions, please contact Customer Relationship Specialist Thaddeus at 866-790-5700 x41039, or by fax at 866-775-9477. You may also contact the Business Resource Center at 800-231-1841, Monday through Friday between 8:00 am and 5:00 pm, Eastern Time. Please refer to the service request number above.

Sincerely,

General Motors



Thaddeus
Kinzer/Austin/GM1
06/11/2013 01:04 PM

To james.cocking@gm.com
cc
bcc
Subject (IN) 71-1192338853 PAC Case Handled within BRC · No
Action Required

A product allegation claim has been made in your district. The customer is alleging airbag non-deployment.

Customer: [REDACTED]
2012 Chevrolet Cruze
1G1PC5SH3C7 [REDACTED]
Dealership: no dealer involved
Dealership Contact: n/a

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

If you have further questions, please contact Customer Relationship Specialist Thaddeus at 866-790-5700 x41039, or by fax at 866-775-9477. You may also contact the Business Resource Center at 800-231-1841, Monday through Friday between 8:00 am and 5:00 pm, Eastern Time. Please refer to the service request number above.

Sincerely,

General Motors

Lynda Eichorst/Austin/GM1
06/13/2013 10:33 AM

To alexandra.adkins@gm.com
cc
bcc
Subject 71-1193178929 PAC Case Handled within BRC No Action
Required

A product allegation claim has been made in your district. The customer is alleging the front air bags did not deploy during a collision.

[REDACTED]
2012 Chevrolet Cruze
1G1PF5SC3C [REDACTED]
No dealer involvement

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

If you have further questions, please contact Customer Relationship Specialist Lynda at 866-790-5600 ext 31093, Fax 866-393-8086. You may also contact the Business Resource Center at 800-231-1841, Monday through Friday between 8:00 am and 5:00 pm, Eastern Time. Please refer to the service request number above.

Sincerely,

Lynda Eichorst

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