

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 collsion. 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

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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

by returning the original communication by reply e-mail, and permanently delete the communication from your system. Thank you.



To mick.edwards@gm.com

СС

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 2012 Chevrolet Sonic 1G1JB5SH2C4 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, <u>print</u> 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 INF	<u>ORMATION</u>		
Titled owner: Mailing address:			
City: Clawson		State: MI Zi	p code:
Day phone			ell phone:
Fax:	E-mail address:		al priorie.
SECTION 2: VEHICLE INFOR			
Make: Chevrolet	Model: Sonic	Year: 2012	Current mileage: 1000
Name(s) that appears on the veh			<u>,</u>
Selling dealer/city/state: Mike	Savoie, troy, MI		
Primary Servicing dealer/city/s		g	
Acquired as 🛛 new 🗌 used	☐ demo ☐ leased Is	the vehicle in your poss	session? 🗌 yes 🛛 no
Purchase/lease date: 04/12/12	<u>'</u> Mi	ileage at purchase/lease	<u>:</u>
First repair attempt date: 07/06 How often is the vehicle used for business purposes (percentag	Number of	rst repair attempt mileag of vehicles owned by the business:	ge: 0 Transmission type: 図 Automatic 및 Manual
Has the vehicle been in an accide		/es 🗵 no	Date of accident:
Description of damage:			
SECTION 3: DESIRED OUTCO	OME (Describe what yo	want done to rese	olve vour concern)
I want Chevy to take the car to drive. The car is at a deal	back. I have severe anxi	riety and health issues	
Please complete the missin			
VEHICLE INDENTIFICATION	ON NUMBER		
Lienholder/Leasing Comp	any	Phone	Number
Account Number			

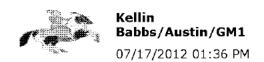
Case Number: CHV1223238 **SECTION 4: VEHICLE PROBLEMS (List primary problem first)** Does the # of problem repair List the date, mileage, and days out of exist Problem Servicing dealer(s) attempts service for each repair attempt now? **Example:** 4/23/06 3,500 miles 5 days A/C won't cool properly 2 6/10/07 12,700 miles 1 day Any Dealer, Inc. yes air bags did not deploy yes hood flew into the air during yes front end accident

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 <u>copies</u> 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



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.

2012 Chevrolet Cruze 1G1PF5SC7C7

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

Follow us on Twitter



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@trainingsupportadmin.com>

09/06/2012 12:46 PM

Please respond to trainingsupport@trainingsupport@trainingsupport@dtrainingsupportadmin.com

To faith_jackson@gmexpert.com

СС

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
User	
Case Number	71-1100088780
EDR Data Imaging Date	09/07/2012
Crash Date	08/20/2012 Pick up Date
Filename	1G1PG5SC4C7 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

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)	1G1PG5SC40
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	F
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, Component Identifier ESS # 4 Traceability Data, Part Number/Broadcast Code	2577
ESS # 4 Traceability Data, 1 art Number/Bloadcast code	E
ESS # 4 Traceability Data, Traceability Number	01539D61E
ESS # 5 Traceability Data, Component Identifier	DA
ESS # 5 Traceability Data, Component Identifier ESS # 5 Traceability Data, Part Number/Broadcast Code	4936
ESS # 5 Traceability Data, Fart Number/Bloadcast Code	4930 E
ESS # 5 Traceability Data, Supplier Code ESS # 5 Traceability Data, Traceability Number	0153A5CC6
ESS # 6 Traceability Data, Component Identifier	DB
ESS # 6 Traceability Data, Component Identifier ESS # 6 Traceability Data, Part Number/Broadcast Code	4936
	4930 F
ESS # 6 Traceability Data, Supplier Code	0153AB3E8
ESS # 6 Traceability Data, Traceability Number	
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	00000000
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)

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: Real	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 Data Not Available
Center Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available Data Not Available
	Data Not Available Data Not Available
Passenger Row 2 Belt Switch Circuit Status (If Equipped)	
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	Data Not Available
Equipped)	
Seat Track Position Switch, Foremost, Status, Right Front Passenger (Passenger	Data Not Available
Seat Position Status) (If Equipped)	
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	Off
Zero)	
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	0 [44]
Velocity Change for FSR Event) MPH [km/h]	-9 [-14]
Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM	440
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
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DTCs Present at Time of Event (Event Record 1)

No Diagnostic Trouble Codes





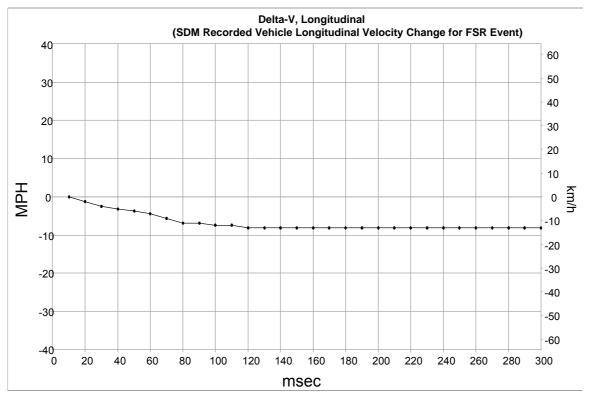
Event Data (Event Record 1)

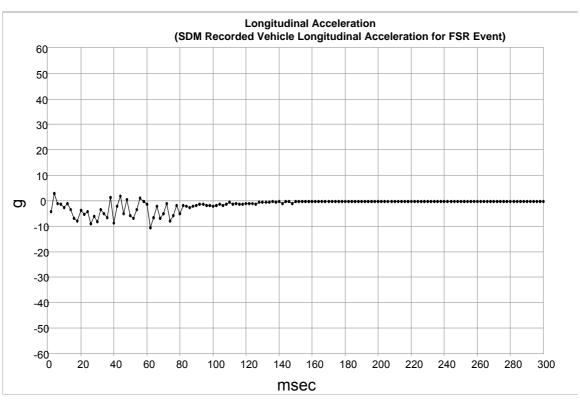
Driver 1st Stage Deployment Loop Commanded No Driver 2nd Stage Deployment Loop Commanded No Driver 2nd Stage Deployment Loop Commanded No Driver Pretensioner Deployment Loop Edmanded No Driver Pretensioner Deployment Loop #1 Commanded No Driver Pretensioner Deployment Loop #1 Commanded No Driver Pretensioner Deployment Loop #2 Commanded (If Equipped) No Passenger Pretensioner Deployment Loop #2 Commanded (If Equipped) No Driver Protensioner Deployment Loop #2 Commanded (If Equipped) No Driver Thorax Loop Commanded (If Equipped) No Passenger Thorax Loop Commanded (If Equipped) No Passenger Thorax Loop Commanded (If Equipped) No Passenger Row 2 Thorax Loop Commanded (If Equipped) No Passenger Row 1 Thorax Loop Commanded (If Equipped) No Driver Row 1 Roof Rail/Head Curtain Loop Commanded (If Equipped) No Driver Row 1 Roof Rail/Head Curtain Loop Commanded (If Equipped) No Driver Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped) No Driver Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped) No Driver Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped) No Driver Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped) No Driver Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped) No Driver Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped) No Driver Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped) No Driver Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped) No Driver Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped) No Driver Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped) No Driver Row 2 Pretensioner Deployment Loop Commanded (If Equipped) No Driver Row 2 Pretensioner Deployment Loop Commanded (If Equipped) No Driver Row 2 Pretensioner Deployment (It Dop Commanded (If Equipped) No Driver Row 2 Pretensioner Deployment (It Dop Commanded (If Equipped) No Driver Row 2 Pretensioner Deployment (It Dop Commanded (If Equipped) No Driver Row 3 Roof Rail/Head Curtain (It Equipped) No Driver Row 3 Roof Rail/Head Curtain (It Equipped) No Driver Row 4 Row 4 Rail/H	Event Data (Event Record 1)	
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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





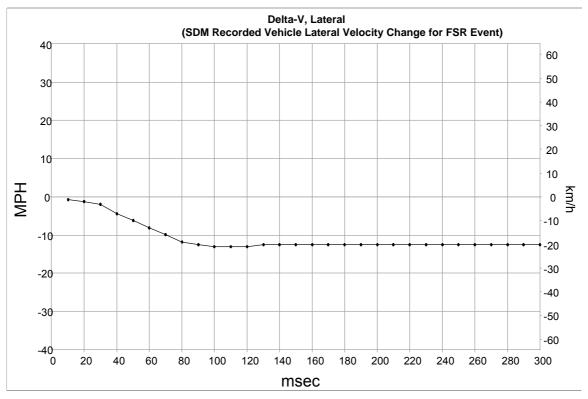
Longitudinal Crash Pulse (Event Record 1)

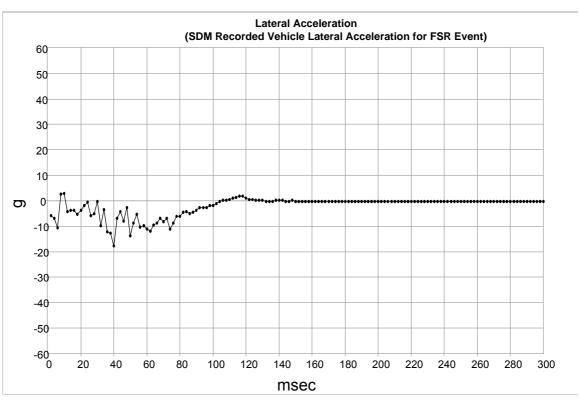
	udinai Crash Pulse			T:	1
Time	Longitudinal	Time	Longitudinal	Time	Longitudinal
(msec)	Acceleration	(msec)	Acceleration	(msec)	Acceleration
	(SDM Recorded Vehicle		(SDM Recorded Vehicle		(SDM Recorded Vehicle
	Longitudinal		Longitudinal		Longitudinal
	Acceleration for FSR		Acceleration for FSR		Acceleration for FSR
	Event) (g)		Event) (g)		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	120		222	-0.2
			-1.0		
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	174	-0.2	276	-0.2
78	-1.8	178	-0.2	278	-0.2
80	-5.0	180	-0.2	280	-0.2
82	-5.0	182	-0.2	282	-0.2
84		184	-0.2	282	-0.2
	-2.2	184	-0.2		-0.2 -0.2
86	-2.6			286	
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)

Switch Active Switch Active [N-III]/	Times (sec)	Cruise Control Active	Cruise Control Resume	Cruise Control Set Switch Active	Engine Torque (lb-ft [N-m])	Reduced Engine Power Mode Indicator
	-1.5	No	No	No	93 [126]	Off
-2.0 No No No 49 [67] Off -1.5 No No No 93 [126] Off	-1.0	No	No	No	67 [90]	Off
-1.5 No No No 93 [126] 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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DPID $32
FF FD 05 74 00 00 00
DPID $35
78 00 00 00 00 00 00
41 55 32 35 37 37 45 30 31 35 33 46 39 35 46 41
DID $03
41 54 32 35 37 37 45 30 31 35 33 30 45 36 41 42
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
44 42 34 39 33 36 45 30 31 35 33 41 42 33 45 38
30 30 30 30 30 30 45 30 30 30 30 30 30 30 30
DID $0F
DID $30
00 00 01 00
DID $90
31 47 31 50 47 35 53 43 34 43 37 32 31 35 37 32 34
DID $9A
04 01
DID $B4
41 53 33 31 39 32 45 30 35 30 33 33 33 30 30 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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0000	A5	30	00	00	01	01	07	05	72	FF
0000						00		00		
0010 0020	FF 0C	00 FC	00	00 F0	00		00 00	10	00 12	00
	21	21	FC 1B	2F	00 2F	00 2E	2B		00	1A 00
0030 0040	10	00	00	00	00	2E	28	12 27	2E	2C
0040	27	1F	1A	13	0C	07	20 3D	07	55	07
0050	9D	07	26	30	2B	64	3A	2A	64	64
0070	64	64	20	1E	1B	19	16	13	0F	0B
0070	06	02	00	00	FF	FD	00	1F	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	71	4A	6A	33
0120	FF	7F	7E							
0130	7D	7D	7в	7C	7A	78	79	75	78	72
0140	76	6F	74	6C	74	6В	73	6A	73	6A
0150	72	бA	72	6В	72	6В	72	6В	72	бВ
0160	72	6В	72	6В	72	6В	72	6В	72	бВ
0170	72	6В	72	бВ	72	6В	72	6В	72	6В
0180	72	6В	72	бВ	72	6В	72	6В	75	71
0190	87	6E	7D	65	7C	86	79	87	7D	75
0200	77	76	бE	76	6C	72	76	76	72	7В
0210	75	7E	69	71	70	73	6В	7F	77	67
0220	73	77	6F	61	83	60	бA	53	7A	6E
0230	84	75	73	6C	81	79	71	5D	6E	6A
0240	77	72	82	66	7F	67	7C	64	65	62
0250	6F	68	7A	6A	6E	6E	73	6B	7D	6E
0260	6C	64	71	6A	7B	70	73	70	7B	74
0270	7A	75	79	73	7A	74	7B	76 7B	7C	79
0280 0290	7C 7C	79 7F	7B 7B	79 80	7B 7C	7B 80	7A 7E	7B 81	7B 7C	7D 82
0300	7D	83	7E	84	7C	84	7E 7D	82	7D	81
0310	7D	81	7C	80	7E	80	7E	80	7E	7F
0320	7E	7F	7F	7F	7E	80	7F	80	7D	80
0330	7F	7F	7F	7F	7D	80	7F	7F	7F	7F
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0540	7F									
0550	7F									
0560	7F									
0570	7F									
0580	7F									
0590	7F									
0600	7F									
0610	7F									
0620	7F	7F	7F 7F	7F						
0630	7F	7F	/ F	/ F	/ P	/ P	/ P	/ F	/ P	7F





0640 0650 0660 0670 0680 0690 0700 0710 0720 0730 0740 0750 0760 0770 0800 0810 0820 0830 0840 0850 0860 0870 0990 0910 0920 0930 0940 0950 0970 0980 0990 1010 1020 1030 1040 1050 1060 1070 1080 1090 1110 1120 1130 1140 1150 1170	777777777777700000000000000000000000000	777777777777700000000000000000000000000	777777777777700000000000000000000000000	777777777777700000000000000000000000000	777777777777700000000000000000000000000	777777777777700000000000000000000000000	777777777777700000000000000000000000000	777777777777700000000000000000000000000	777777777777000000000000000000000000000	777777777777000000000000000000000000000
1170 1180 1190	FF FF FF									
DID \$32	rr									
		c c	FF	55	cc	c c	FF	FF	FF	FF
0000 0010 0020 0030 0040 0050	FF FF FF FF FF	FF FF FF FF FF	FF FF FF FF	77 77 77 77 77	77 77 77 77 77	FF FF FF FF FF	FF FF FF FF FF	FF FF FF FF	FF FF FF FF	FF FF FF FF FF





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0070	FF									
0800	FF									
0090	FF									
0100	FF									
0110	FF									
0120	FF									
0130	FF									
0140	FF									
0150	FF									
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0330	FF									
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0350	FF									
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0710	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0720	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
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0770	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
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0800	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
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1070	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
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1110	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
1120	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
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1140	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
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0020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
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	FF	FF								FF
0040	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0050	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0060	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0070	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
080	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0090	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0100		1212	FF	FF	FF	FF	FF	FF	FF	FF
	FF	FF	ГГ	T. T.	T. T.		L L		T. T.	
0110	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0110 0120										





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0140	FF									
0150	FF									
0160	FF									
0170	FF									
0180	FF									
0190	FF									
0200	FF									
0210	FF									
0220	FF									
0230	FF									
0240	FF									
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0350	FF									
0360	FF									
0370	FF									
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0390	FF									
0400	FF									
0410	FF									
0420	FF									
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1160	FF									
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1180	FF									
1190	FF									

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:

Customer City: Humble Customer State: Texas Customer Zip Code:

Customer Work Phone : Customer Cell Phone :

Vehicle Information:

VIN: 1G1PG5SC4C7 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 guestimated 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.



2012 Chevrolet Cruze

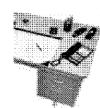
1G1PG5SC4C7

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

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 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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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

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

Session Inactivity



- → 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 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

Туре	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

→ View Vehicle S

Service

Contract

Branded

Warrant

View Vehicle B

View Vehicle

Component Surview Vehicle

Transaction His Detail

View Vehicle D

Information

Investigate Maj

Assembly Histo

For this vehicle:

Туре	Number	Description	Posted Date
El	PIE0227	Engineering Information – Heated Seat(s) Inoperative, Shutting Off or Not Functioning Properly	08/29/2012
El	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

XM Equipped: Y

XM Radio ID: JC4JH2M8

XM Status: Inactive

XM Status: Active

OnStar Vehicle Diagnostics: N

DMN Enabled: N

Applicable Warranties				Valid warranties are highligh	
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.

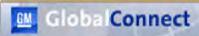
Transaction History				View Details	
Job Card Date	Job Card Number	Transaction Type	Transaction Adjustment	Labour Operation	Odometer Reading
03/17/2012	188033	ZREG—Regular Vehicle Transaction		E0432 - Continental/General Tire Replacement	4,319 MI
11/12/2011	A15724	ZPDIPre- Delivery Inspection		Z7000 - Pre-Delivery Inspection - Base Time	1 MI

Global Warranty Management: Site Map

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Session Inactivity



Martin Houle

September 6, 2012

Update My
Profile
Logout

Warranty Management: INTERFACE WITH CUSTOMER

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

View Vehicle Build

(2)

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 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

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.

1CN - TRIM COLOR DOOR PANEL 01A - TRIM COLOR SEAT

1SZ - DISCOUNT OPTION PACKAGE 2LT - 2LT PACKAGE

4AA - INTERIOR TRIM A51 - FRONT BUCKET SEATS

A69 - RSTRNT ST-BELT TNSNR, FRT, VAR2 A64 - SEAT RR SPLIT, FOLDING, 40/60 ACC - JET BLACK ADS - PWR SEAT ADJ DRIVER 6 WAY

AED - POWER WINDOW, PASS AEQ - POWER WINDOW, RRDRS EXPRESS DOWN

EXPRESS DOWN

AG6 - SEAT ADJUSTER, PASSENGER, 6 AHN - RESTRAINT PROVISIONS LATCH

WAY MANUAL

AKK - WINDSHIELD STYLE ACOUSTIC PVB AJC - RSTRNT HEAD, FR SEAT, UP/DN

ADJ

AKP - WINDOW TYPE SOLAR

ABSORBING WINDSHIELD TYPE TINTED ATH - EZ KEY PASSIVE ENTRY SYSTEM AU3 - LOCK CONTROL SIDE DR, ELEC

AWO - RSTRNT SYS RR STBLT,RR,3PNT AXG - WINDOW PWR OPER-XPRSS DR UP/DN

CTR

AXJ - PASSENGER CAR AYF - AIRBAGS, DRIVER & FRONT PASSENGER FRONTAL

KNEE SIDE IMPACT & HEAD CURTAIN; REAR OUTBOARD

AKX - WINDOW TYPE SOLAR ABSORBING

For this vehicle:

View Vehicle S

Service → Contract

→ Branded → Warrant

View Vehicle B

View Vehicle

Component Sur

View Vehicle

Transaction His Detail

View Vehicle D Information

Investigate Maj Assembly Histo PASSENGERS SIDE IMPACT & HEAD CURTAIN

B34 - FLOOR MATS B35 - FLOOR MATS, REAR

BAH - EQP SECURITY SYS, IMMOB, STEP BS1 - ACOUSTIC INSULATION PKG

TWO

BTM - KEYLESS START BTV - REMOTE VEHICLE START

BVG - BODY KIT, SPORT C49 - DEFOGGER RR WINDOW, ELECTRIC C67 - AIR CONDITIONING C91 - LAMP INTR, ROOF, COURTESY

C95 - LAMP INTR, ROOF, CRTSY & 2

RDNG

CF5 - POWER SUNROOF

D31 - MIRROR, MANUAL INSIDE RR

VIEW

D7A - HANDLE O/S DOOR BODY COLOR, CHROME STRIP

DA1 - ARM REST RR SEAT, STORAGE

DLV - VISORS, DRIVER/ FRT PASSENGER W/ VANITY MIRRORS DBU - CNSLE FRT CMPT,FLR,ARM RST SLDN DP6 - MIRROR PROV HOUSING PAINTED

DWY - OUTSIDE MIRRORS, POWER ADJUSTABLE **DVR - INSTRUMENT CLUSTER**

E17 - BUMPER 2.5 MPH E3E - HANDLE O/S, L/GATE, R/CMPT, CHRM EA2 - POCKET FRONT SEAT BACK, RH EA1 - POCKET FRONT SEAT BACK, LH

EBF - TRIM SEAT LEATHER EF7 - COUNTRY CODE, U.S.A. AMERICA (USA)

FCT - TRIM DOOR FABRIC FE9 - 50-STATE EMISSIONS

FHO - VEHICLE FUEL GASOLINE E10 FX3 - STABILITRAK - STABILITY CONTROL SYSTEM W/

TRACTION CONTROL

FXH - AXLE, 3.53 FINAL DRIVE RATIO GBE - CRYSTAL RED METALLIC TINTCOAT **GNA - CHASSIS EQUIP FRONT STRUT** GNG - SUSPENSION, REAR ENHANCED

ASM

J67 - BRAKES, 4 WHEEL DISC JJ2 - BRAKE LINING BRAKE NOISE & DUST PERFORMANCE

K09 - ALTERNATOR, 120 AMPS K34 - CRUISE CONTROL

KA1 - DRIVER & FRONT PASSENGER

HEATED SEATS

KC7 - RECEPTACLE ELECTRICAL, RR SEAT

KRD - FUEL RATING OCTANE NO. 91 **KCL - HEATER DUCT**

KTA - USB AUDIO INTERFACE KTF - PRIMARY KEY

LHD - LEFT HAND DRIVE LOD - PLANT CODE LORDSTOWN, OH, USA

LUJ - ENGINE, 1.4L ECOTEC VVT DOHC

4 CYL TURBO

MAH - NORTH AMERICAN MKT

MDC - MOLDING B/S UPPER BRIGHT MH8 - TRANSMISSION, 6 SPD AUTOMATIC INCLUDES: *

REMOTE VEHICLE START

MM1 - MERCHANDISED TRANS AUTO

EQUIP

N34 - LEATHER WRAP STEERING WHEEL

N37 - STEER COLUMN TILT,

TELESCOPING

NJ1 - STEER PWR, NON-VAR RATIO, ELECT

PDZ - RS PACKAGE: * BODY KIT, SPORT * INSTRUMENT NT7 - EMISSION SYSTEM FEDERAL, TIER 2

QYF - TIRES, ALL SEASON BLACKWALL R9N - CONTROL-SALES ITEM NO. 89

RBU - WHEELS, 17" ALLOY

CLUSTER * FRONT FOG LAMPS * REAR SPOILER

RU5 - TIRE, COMPACT SPARE & WHEEL (REPLACES TIRE

SEALANT AND INFLATOR KIT)

SLM - SALES PROCESSING STOCK

ORDERS

T3U - FRONT FOG LAMPS

T3W - LAMP SYSTEM DAYTIME RUNNING, REDUCED INTENSITY LOW BEAM

T43 - REAR SPOILER

T4A - HEADLAMPS HALOGEN T74 - HEADLAMPS CONTROL AUTO, DELAY T83 - HEADLAMPS CONTROL AUTO ON- TM7 - BATTERY, RUNDOWN PROTECTION

TPV - GRILLE RDTR, BLACK, W/CHROME 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 U91 - ANTENNA SHORT, ROOF, RADIO

SUBSCRIPTION SOLD SEPARATELY BY SIRIUS/XM AFTER 3 MONTHS

UAG - INFOTAINMENT DISPLAY GRAPHIC INFO DISPLAY (GID), VAR 1

UDC - DISPLAY INSTRUMENT DRIVER INFO ENHANCED (ONE COLOR **GRAPHIC)**

UD0 - SENSOR INDICATOR INFLATABLE RESTRAINT, FRT RH/CHILD PRESENCE DETECTOR

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

UJ2 - INDICATOR ENGINE OIL LIFE

UMN - SPEEDOMETER INST. MILES & KILO, MILES ODOMETER

UQA - AUDIO SYSTEM- PREMIUM

UYE - AM/FM STEREO, CD PLAYER

V8D - VEHICLE STATEMENT US

UH1 - INDICATOR SEAT BELT WARNING, RH

UJM - TIRE PRESSURE MONITOR UPF - BLUETOOTH FOR PHONE

UTJ - THEFT DETERRENT ELECTRICAL, UNAUTHORIZED

ENTRY

V48 - COOLANT ENG MAXIMUM PROTECTION

VHY - PROTECTOR BODY SHEET METAL, HIGH CORROSION

PREVENTIVE

VK3 - FRONT LICENSE PLATE BRACKET VRG - VALUE ADDED ASM COCKPIT VRH - VALUE ADDED ASM STEERING VRK - VALUE ADDED ASM ROOF TRIM

COLUMN

VRL - VALUE ADDED ASM FRNT HORIZONTAL SUSPENSION

VRN - VALUE ADDED ASM REAR

SUSPENSION

VWC - PANEL CTR INSTRUMENT

W1Y - STEERING WHEEL CONTROLS XJ2 - SPORT TUNED SUSPENSION

Y67 - DISPLAY REMINDER PACKAGE

ZAD - TIRE SPARE T115/70R16 SL 92M BW

VRR - VALUE ADDED ASM TIRES & WHEELS

VY7 - LEATHER TRIMMED SHIFT LEVER WGA - COLLECTION RDO EQUIP RECEIVING UNIT, RADIO

VRM - VALUE ADDED ASM FRNT VERTICAL SUSPENSION

XL7 - FREQ RATING 315 MHZ, LONG DIST

Z54 - MODEL CONVERSION LT

Added Option Codes

Vehicle has no current record of SAIO codes.



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

View Vehicle Component Summary

(2)

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 Model: 1PX69-2012 CRUZE LT 4 DOOR SEDAN

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

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

Traceability: 01308FTNV Component Code: 86-ELECTRONIC CONTROL MODULE

(ECM)

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 → Warrant

View Vehicle B View Vehicle Component Sur

View Vehicle Transaction His Detail

View Vehicle D Information

Investigate Maj Assembly Histo Component Code: 92-BRAKE PRESSURE MODULATOR

VALVE ASSEMBLY

Source Plant: T-TEVIS FRANKFORT, GERMANY

Part / Number Broadcast:

Traceability: 212590N6

0786

Date Scanned: 11/10/2011 Time Scanned: 02:18:00 Scan Station:

04

Component Code: AB-IR-MODULE ASM-INFLATOR Traceability: N11306C25 Source Plant: 9-Part / Number Broadcast: 4734

Date Scanned: 11/09/2011 Time Scanned: 22:04:00 Scan Station: 04

Traceability: 015383E3C Component Code: AH-IR-SENSOR ASM-LEFT

Source Plant: E-METHODE ELECTRONICS CARTHAGE Part / Number Broadcast:

IL. 2577

Date Scanned: 11/10/2011 Time Scanned: 02:18:00 Scan Station:

04

Component Code: AJ-IR-SENSOR ASM-RIGHT Traceability: 01539D61E Source Plant: E-METHODE ELECTRONICS CARTHAGE Part / Number Broadcast:

2577

Date Scanned: 11/10/2011 Time Scanned: 02:18:00 Scan Station: 04

Traceability: 050333003 Component Code: AS-SENSING DIAGNOSTIC MODULE Source Plant: E-METHODE ELECTRONICS CARTHAGE Part / Number Broadcast:

3192

Date Scanned: 11/10/2011 Time Scanned: 02:18:00 Scan Station: 04

Traceability: 01530E6AB Component Code: AT-RIGHT SIDE IMPACT SENSING

MODULE

Source Plant: E-METHODE ELECTRONICS CARTHAGE IL. Part / Number Broadcast:

2577

Date Scanned: 11/10/2011 Time Scanned: 02:18:00 Scan Station:

Component Code: AU-LEFT SIDE IMPACT SENSING Traceability: 0153F95FA

MODULE

Source Plant: E-METHODE ELECTRONICS CARTHAGE IL. Part / Number Broadcast:

2577

Date Scanned: 11/10/2011 Time Scanned: 02:18:00 Scan Station:

04

Component Code: BH-LH REAR SIDE IMPACT AIR BAGS Traceability: B1B291AAR Source Plant: S-TAKATA Part / Number Broadcast: 5463

Date Scanned: 11/09/2011 Time Scanned: 15:50:00 Scan Station: 04 Component Code: BI-RH - REAR SIDE-IMPACT AIR Traceability: B1B289BNE

BAGS

Source Plant: S-Part / Number Broadcast:

5464

Date Scanned: 11/09/2011 Time Scanned: 15:50:00 Scan Station:

04

Component Code: BL-ELECTRIC POWER STEERING Traceability: M00336477

CONTROLLER

Source Plant: 3-Part / Number Broadcast:

0555

Date Scanned: 11/10/2011 Time Scanned: 02:18:00 Scan Station:

Component Code: BR-SENSOR ASSY - (PSIR) PRESENCE Traceability: 292100Z12

DETECTOR

Source Plant: R-Part / Number Broadcast:

6626

Date Scanned: 11/10/2011 Time Scanned: 02:18:00 Scan Station:

04

Component Code: BV-COMMUNICATIONS INTERFACE Traceability: 112641530

MODULE

Source Plant: L-Part / Number Broadcast:

6325

Date Scanned: 11/10/2011 Time Scanned: 02:18:00 Scan Station:

Traceability: 1281074 Component Code: CB-SEQ NUM (FLEX) BODY ASM

Source Plant: -Part / Number Broadcast: 1ZZ

Date Scanned: 11/07/2011 Time Scanned: 10:31:00 Scan Station:

Component Code: CP-SEQ NUM (FLEX) GEN ASM Traceability: 1107906 Part / Number Broadcast: 1PW Source Plant: -

Date Scanned: 11/09/2011 Time Scanned: 07:51:00 Scan Station:

Component Code: DA----Traceability: 0153A5CC6

Source Plant: E-Part / Number Broadcast: 4936

Date Scanned: 11/10/2011 Time Scanned: 02:18:00 Scan Station: 04

Component Code: DB----Traceability: 0153AB3E8

Source Plant: E-Part / Number Broadcast: 4936

Date Scanned: 11/10/2011 Time Scanned: 02:18:00 Scan Station: 04

Component Code: DF----Traceability: I1B2480P8

Source Plant: S-Part / Number Broadcast: 1629

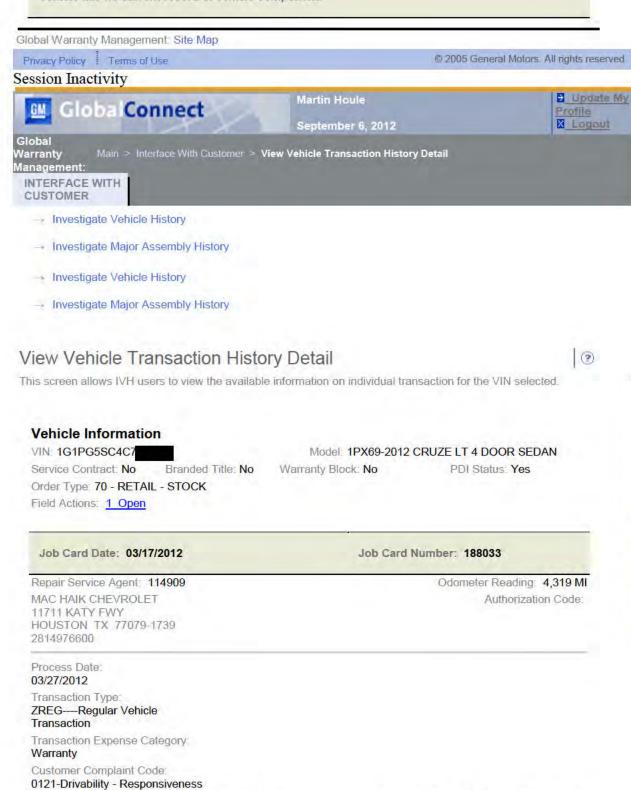
Date Scanned: 11/09/2011 Time Scanned: 18:40:00 Scan Station: 04

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

Service Agent Installed Component

Vehicle has no current record of vehicle component.

Job Card Line #: 1



Transaction

For this vehicle:

→ View Vehicle S

Service

→ Contract

→ Branded

→ Warrant

View Vehicle B

View Vehicle D Information

Investigate Maj

Assembly Histo

Cause Code: 6017-Module/Component -

View Vehicle
Component Sur
View Vehicle
Transaction His

Adjustment: Broken

No

Labour Op E0432-Continental/General Tire Replacement

Causal Part Number 00000000019192711-TIRE,_CONTIPROCONTACT (H-RATED) _P225/5

→See other Parts and/or Net Items

Qty Part Number Description Major Traceability
Assembly

1 00000000019192711 TIRE,_CONTIPROCONTACT (H-RATED)

P225/5

Net Item Code Description

Job Card Date: 11/12/2011 Job Card Number: A15724 Repair Service Agent: 114909 Odometer Reading: 1 MI MAC HAIK CHEVROLET Authorization Code: 11711 KATY FWY HOUSTON TX 77079-1739 2814976600 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

Global Warranty Management: Site Map

Session Inactivity

Martin Houle
September 6, 2012

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

INTERFACE WITH
CUSTOMER

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Dupdate My
Profile
September 6, 2012

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

View Vehicle Delivery Information

(3)

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 Service Contract; No

Branded Title: No

111000011111100

Model: 1PX69-2012 CRUZE LT 4 DOOR SEDAN

Invoice Date: 11/10/2011

le: No Warranty Block: No PDI S

PDI Status: Yes

Order Type: 70 - RETAIL - STOCK

Field Actions: 1 Open

Invoice Information

Invoicing Service Agent: 114909

MAC HAIK CHEVROLET 11711 KATY FWY

HOUSTON TX 77079-1739 2814976600

Ship to Information

Ship to Service Agent: 114909 MAC HAIK CHEVROLET

11711 KATY FWY

HOUSTON TX 77079-1739 2814976600

Delivery Information

Delivery Service Agent: 114909

MAC HAIK CHEVROLET

11711 KATY FWY

HOUSTON TX 77079-1739 2814976600

Ship to Date: N/A

. Delivery Date: 12/01/2011 Delivery Type: 010---INDIVIDUAL

Delivery Odometer: 11

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

Global Warranty Management: Site Map

Privacy Policy Terms

Terms of Use

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→ View Vehicle Since
Service
Contract
→ Branded
→ Warrant
→ View Vehicle Bince
Component Surview Vehicle
→ Transaction History
Detail
View Vehicle D

For this vehicle:

Assembly Histo

Information

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:	1G1PG5SC40	

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

Section 1. Description

1 2		(Yes/No)
2	Vin Plate	No
	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
42	Driver's Seat Position.	No
43	Driver's Seat Back Position.	No
45	Passenger, RF Seat Position.	No
46	Passenger, RF Seat Back Position.	No
46	Airbag Light Function Test.	
		No
48	Seat Belt Lamp Test SDM CDR Crash Data Collection.	No
49		Yes
50	Passenger Presence System Function Test Unoccupied	No
51 52	Passenger Presence System Function Test Occupied Left Front Door Glass	No 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 #	71-1100088780	VIN:	1G1PG5SC4C7

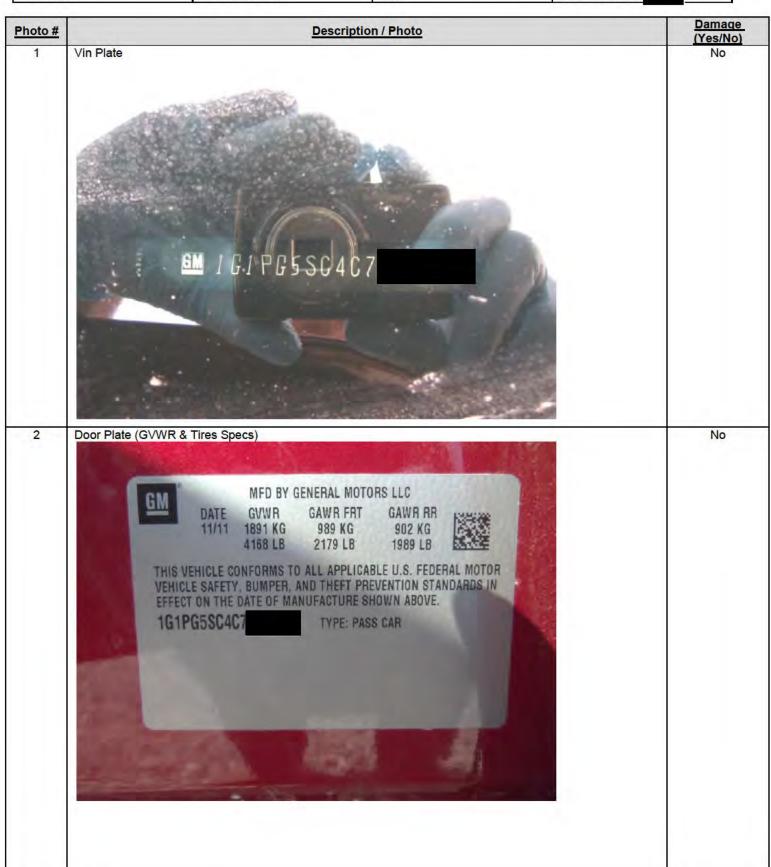


Photo Log & Photos for Preliminary Inspection v.2			
Customer's Last Name:		Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7

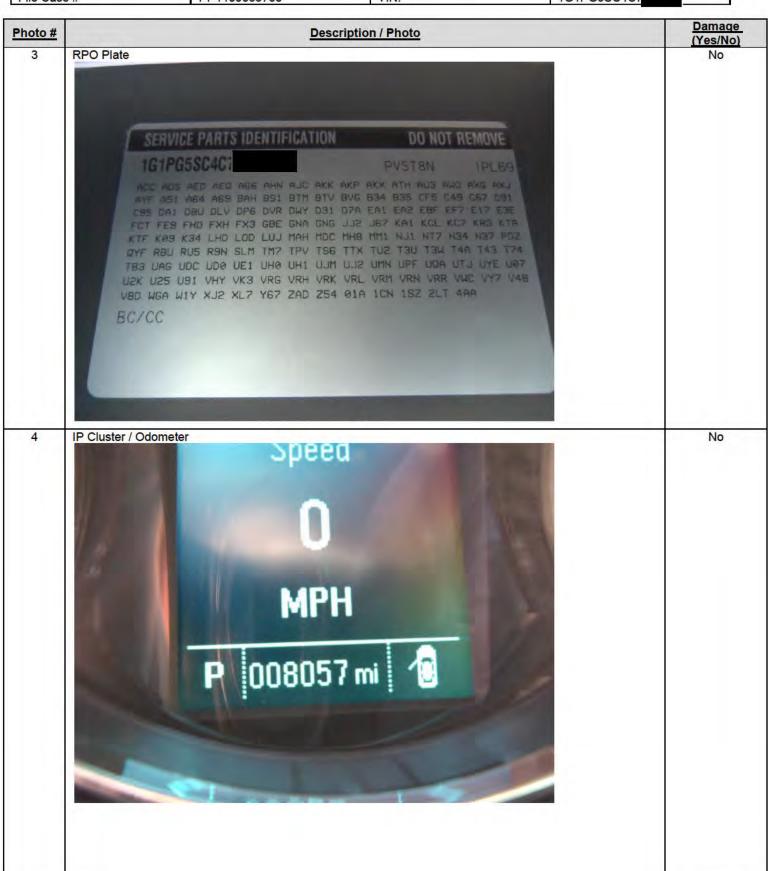


Photo Log & Photos for Preliminary Inspection v.2			
Customer's Last Name:		Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7

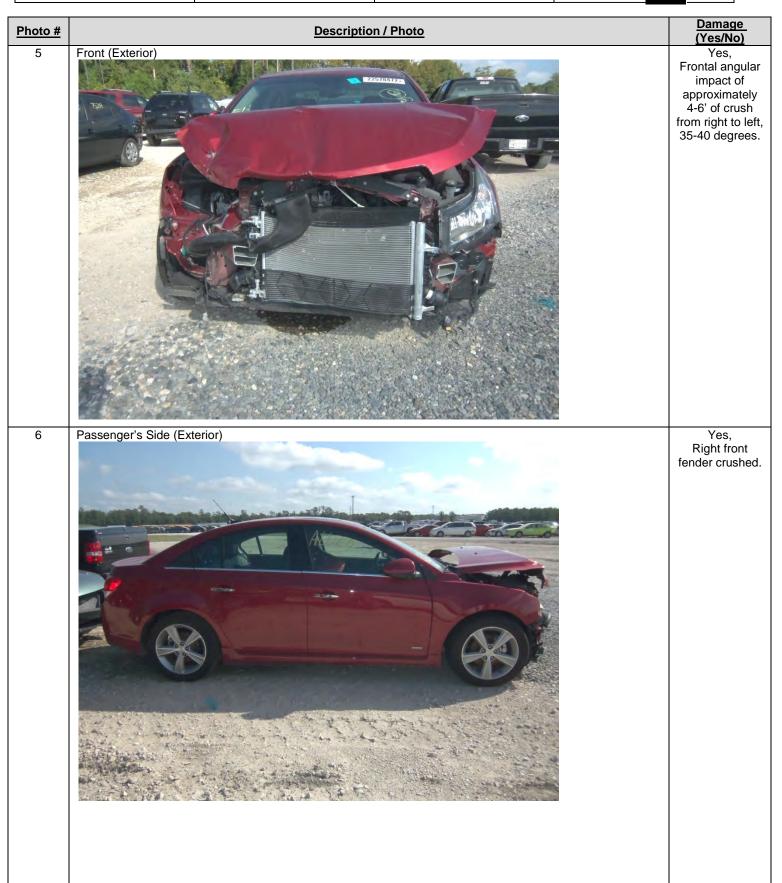


Photo Log & Photos for Preliminary Inspection v.2			
Customer's Last Name:		Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7

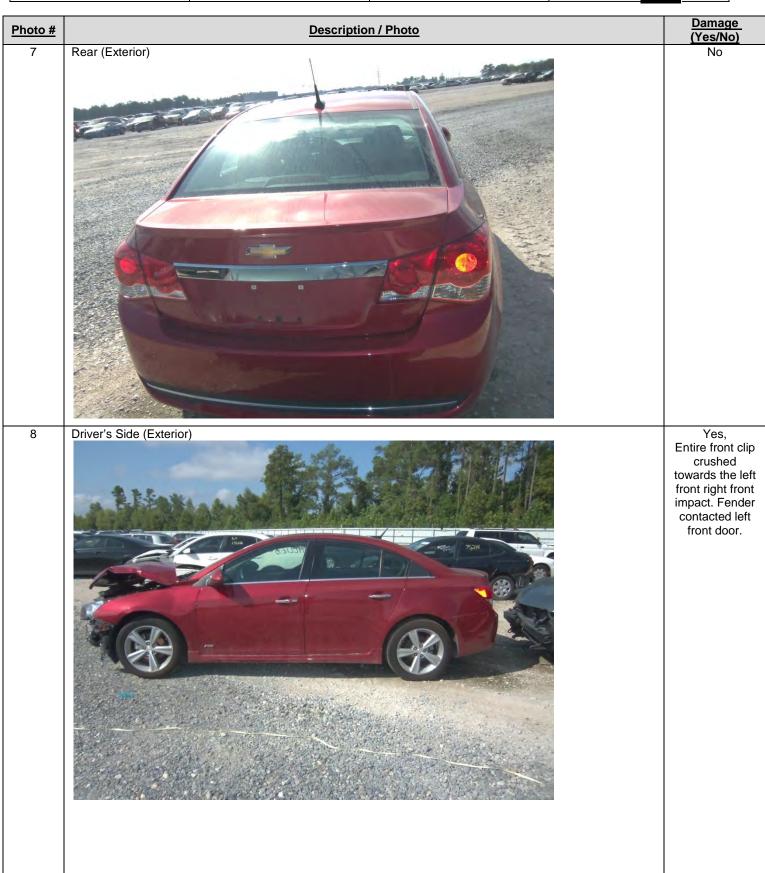


Photo Log & Photos for Preliminary Inspection v.2			
Customer's Last Name:		Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7

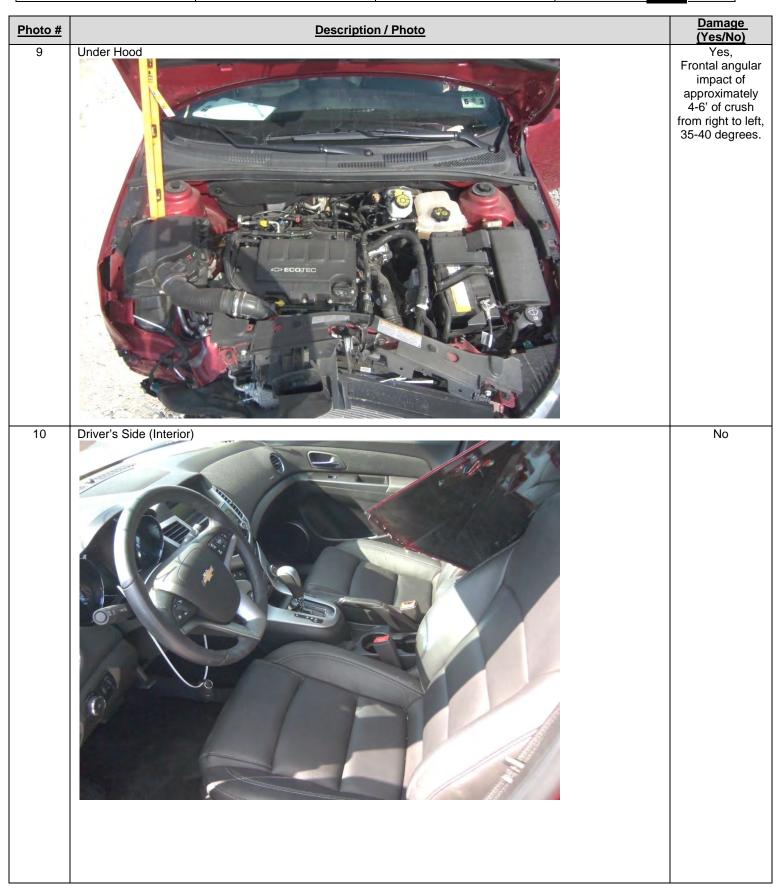


Photo Log & Photos for Preliminary Inspection v.2			
Customer's Last Name:		Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7



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



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

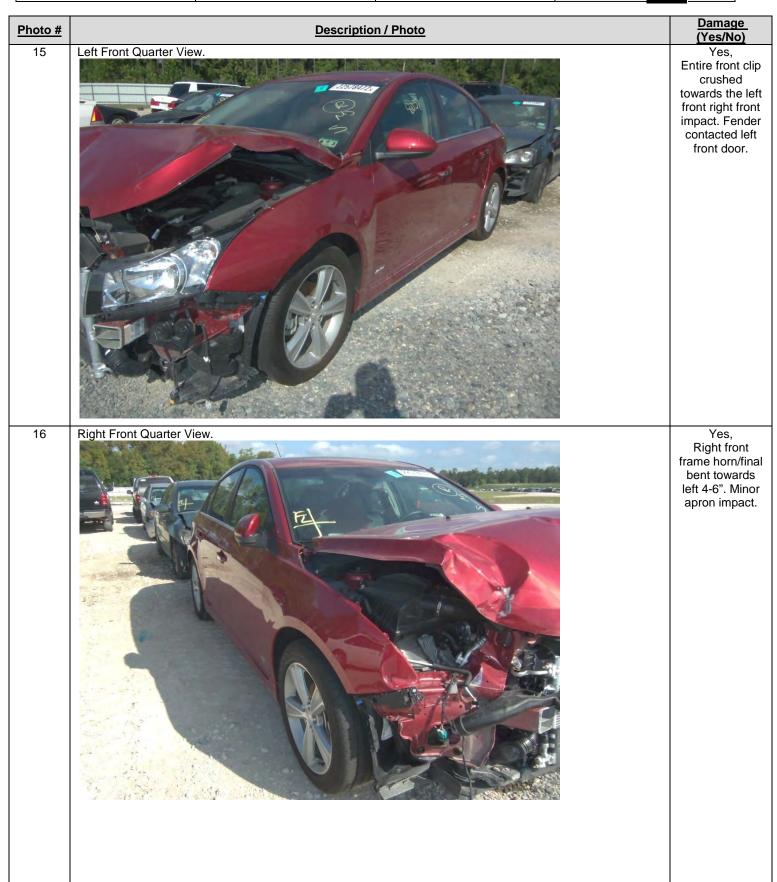


Photo Log & Photos for Preliminary Inspection v.2			
Customer's Last Name:		Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7



Photo 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

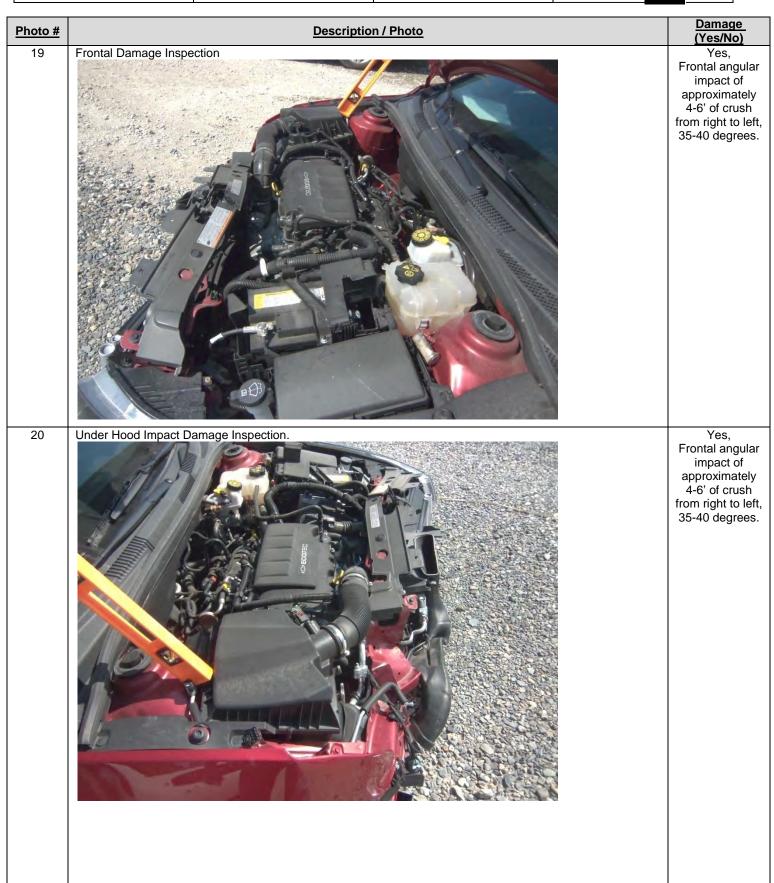


Photo Log & Photos for Preliminary Inspection v.2			
Customer's Last Name:		Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7

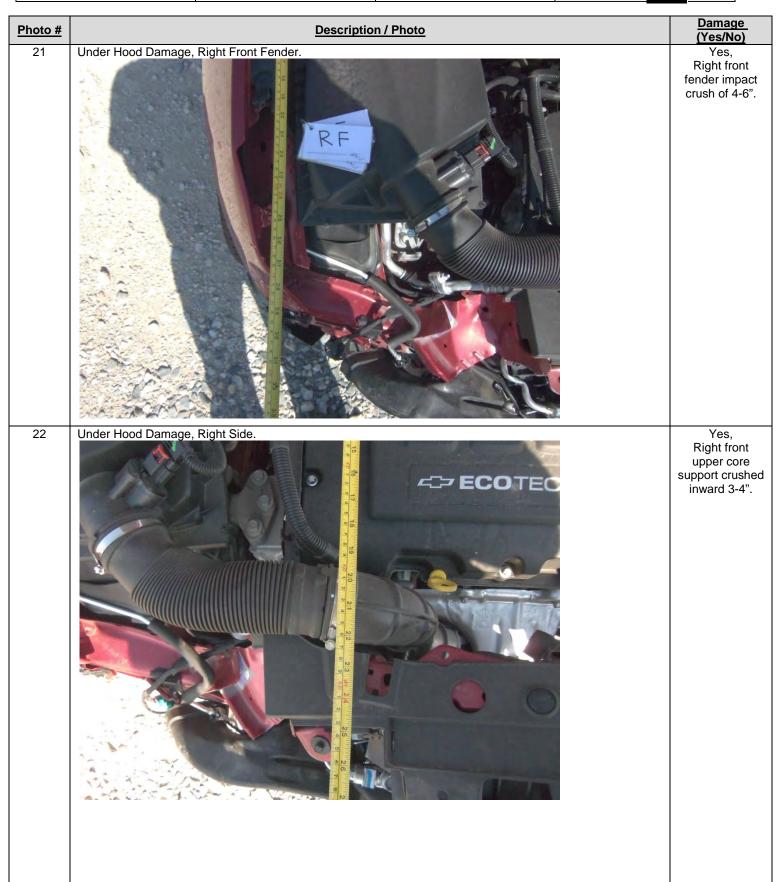


Photo Log & Photos for Preliminary Inspection v.2			
Customer's Last Name:		Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7

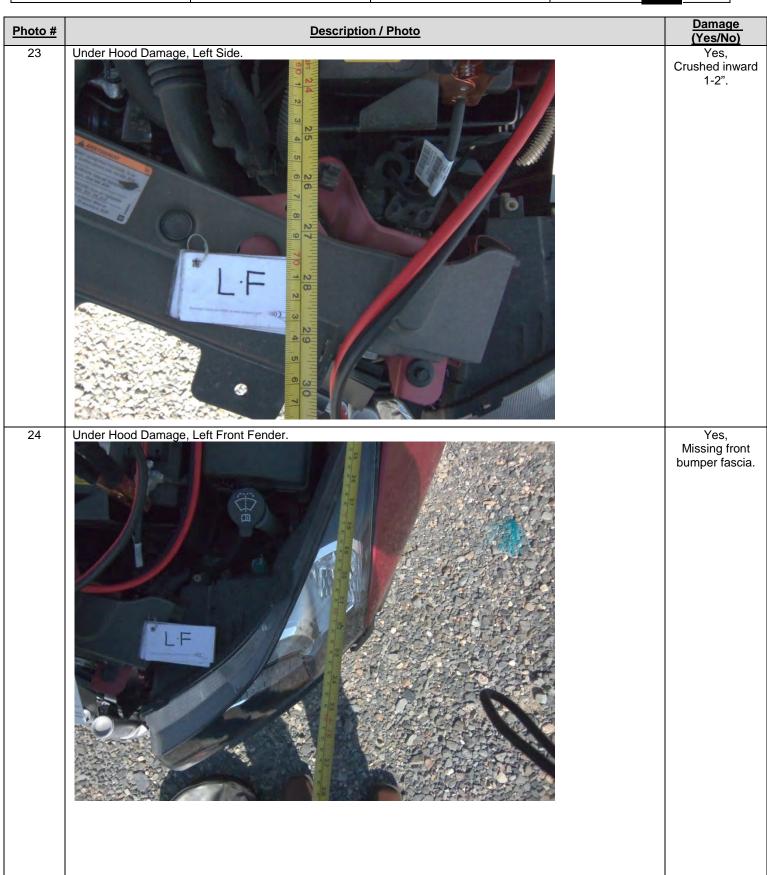


Photo Log & Photos for Preliminary Inspection v.2			
Customer's Last Name:		Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7



Photo 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

Dhata #	Description / Photo	Damage
<u>Photo #</u> 27	Description / Photo Left Front Door Contacted Front Fender	(Yes/No) Yes,
		Entire front clip crushed towards the left front right front impact. Fender contacted left front door.
28	Frontal Angular Impact at Approximately 35-40 degrees From the Right Front Area	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 #	71-1100088780	VIN:	1G1PG5SC4C7	

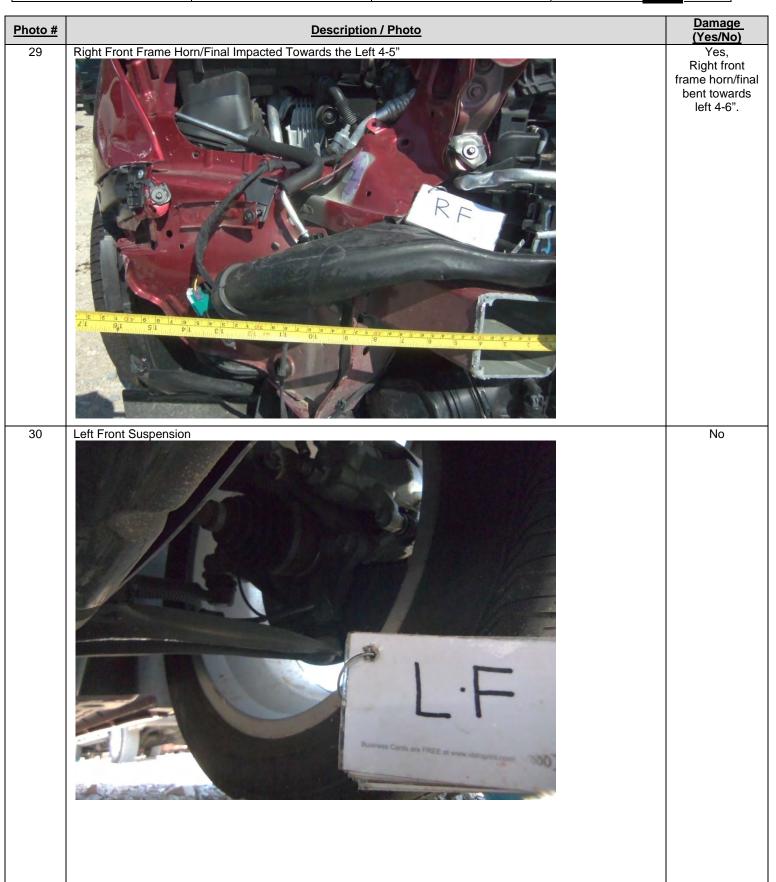


Photo Log & Photos for Preliminary Inspection v.2				
Customer's Last Name:		Inspection Date:	09/07/2012	
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze	
File Case #	71-1100088780	VIN:	1G1PG5SC4C7	

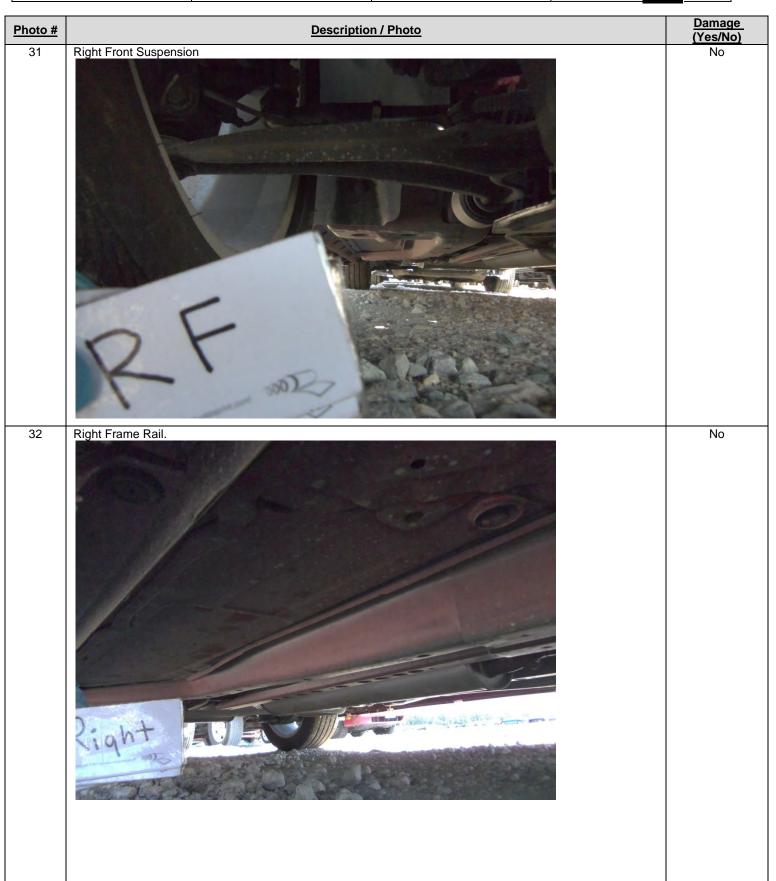


Photo Log & Photos for Preliminary Inspection v.2				
Customer's Last Name:		Inspection Date:	09/07/2012	
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze	
File Case #	71-1100088780	VIN:	1G1PG5SC4C7	

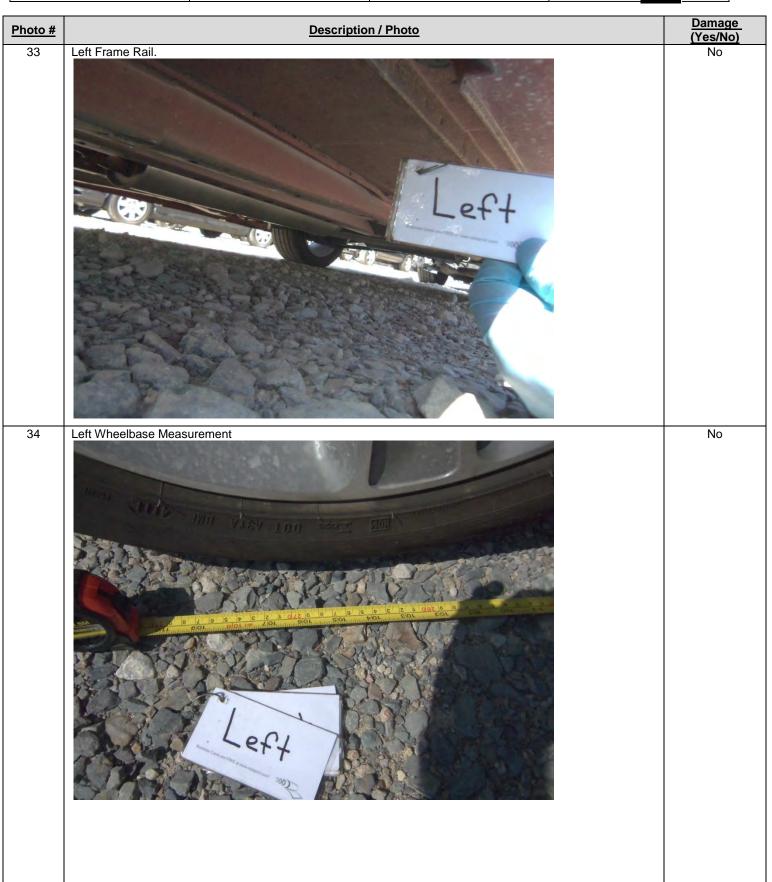
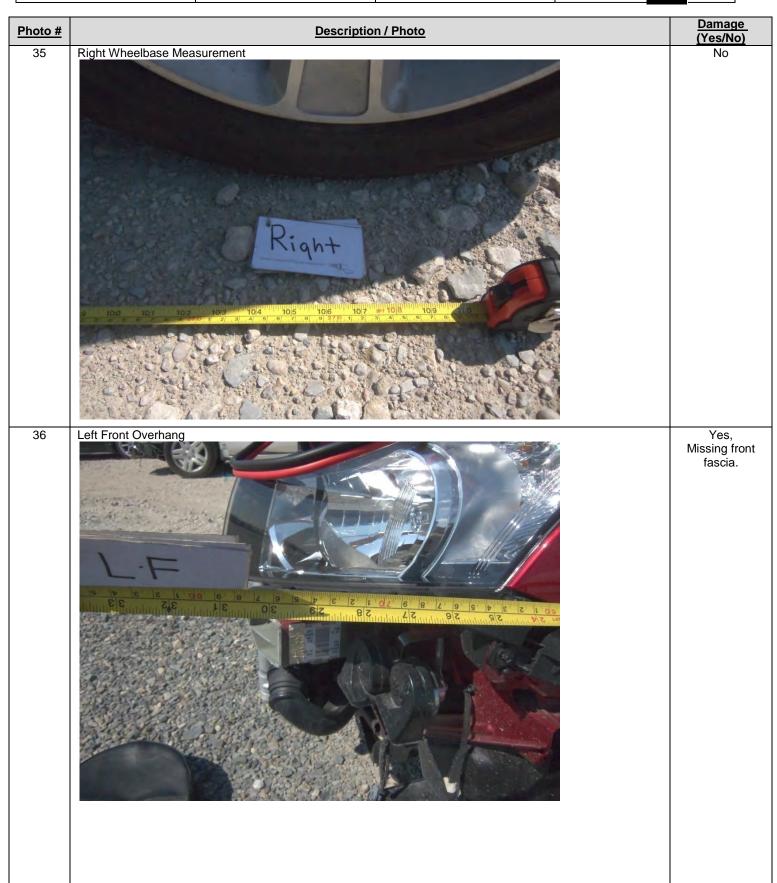


Photo Log & Photos for Preliminary Inspection v.2				
Customer's Last Name:		Inspection Date:	09/07/2012	
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze	
File Case #	71-1100088780	VIN:	1G1PG5SC4C7	



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

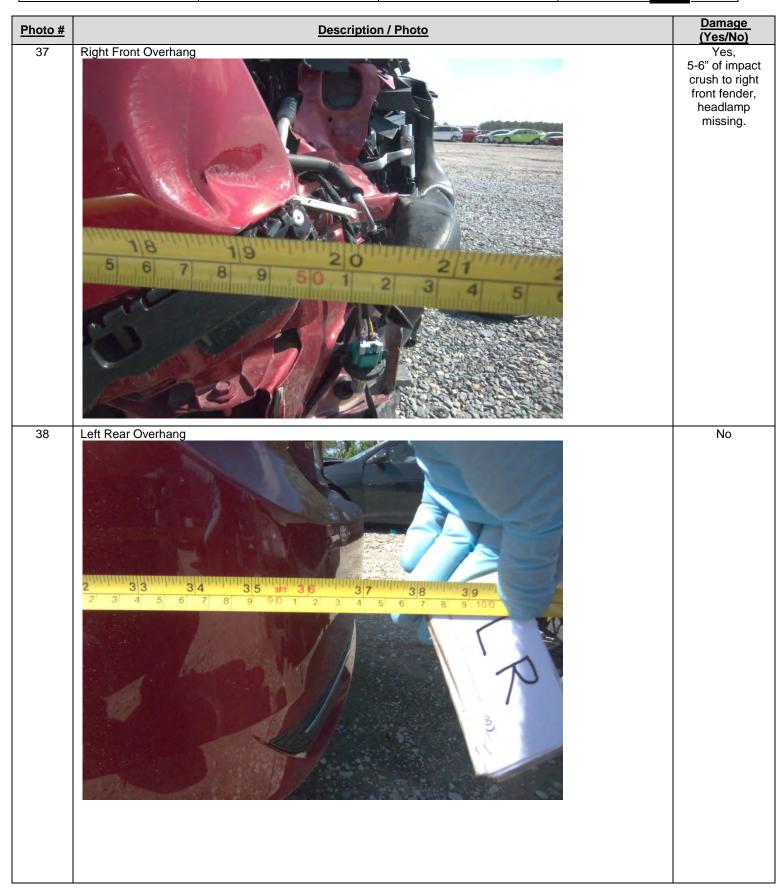
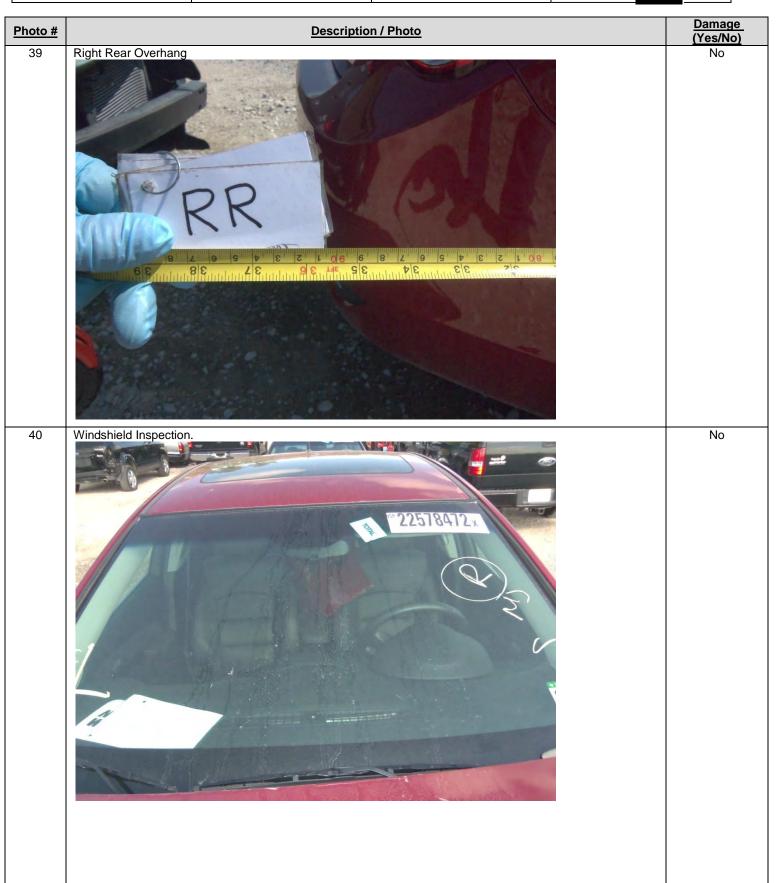


Photo Log & Photos for Preliminary Inspection v.2				
Customer's Last Name:		Inspection Date:	09/07/2012	
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze	
File Case #	71-1100088780	VIN:	1G1PG5SC4C	



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

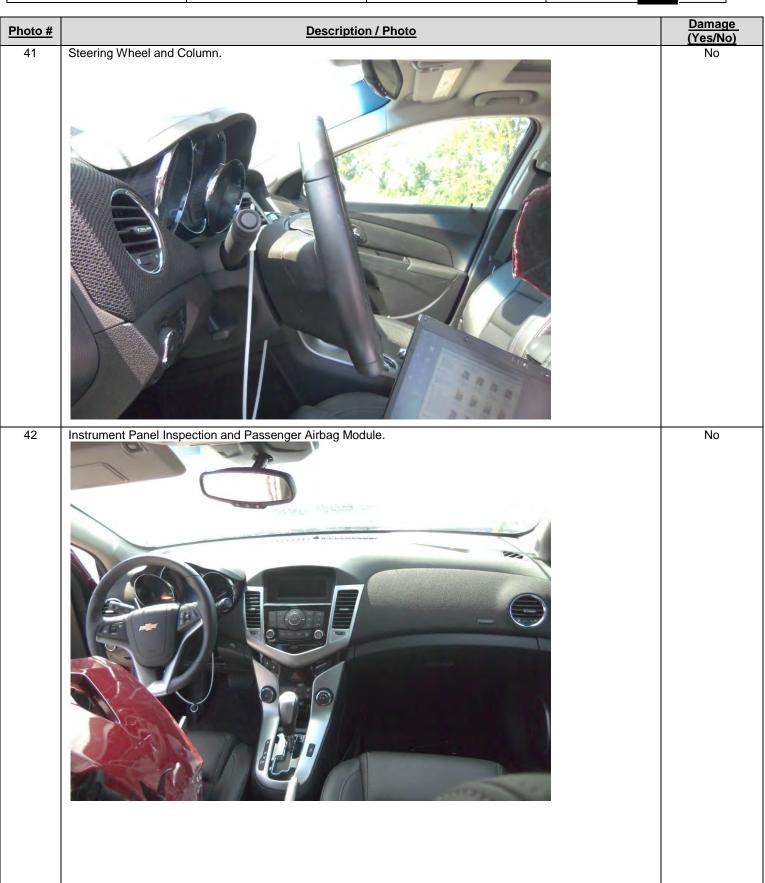
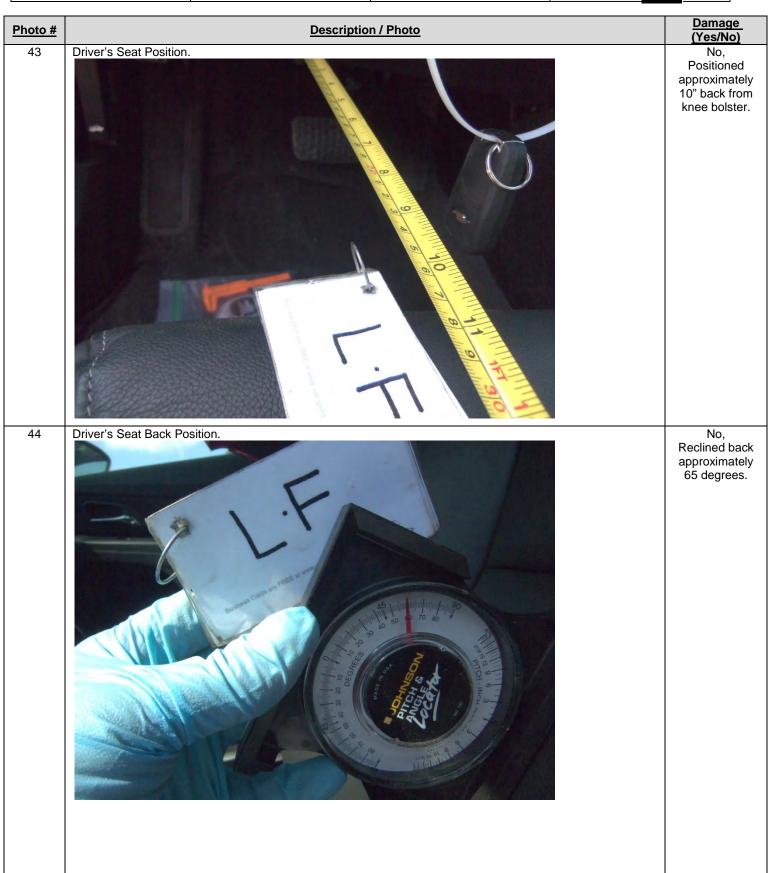


Photo Log & Photos for Preliminary Inspection v.2				
Customer's Last Name:		Inspection Date:	09/07/2012	
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze	
File Case #	71-1100088780	VIN:	1G1PG5SC4C7	



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

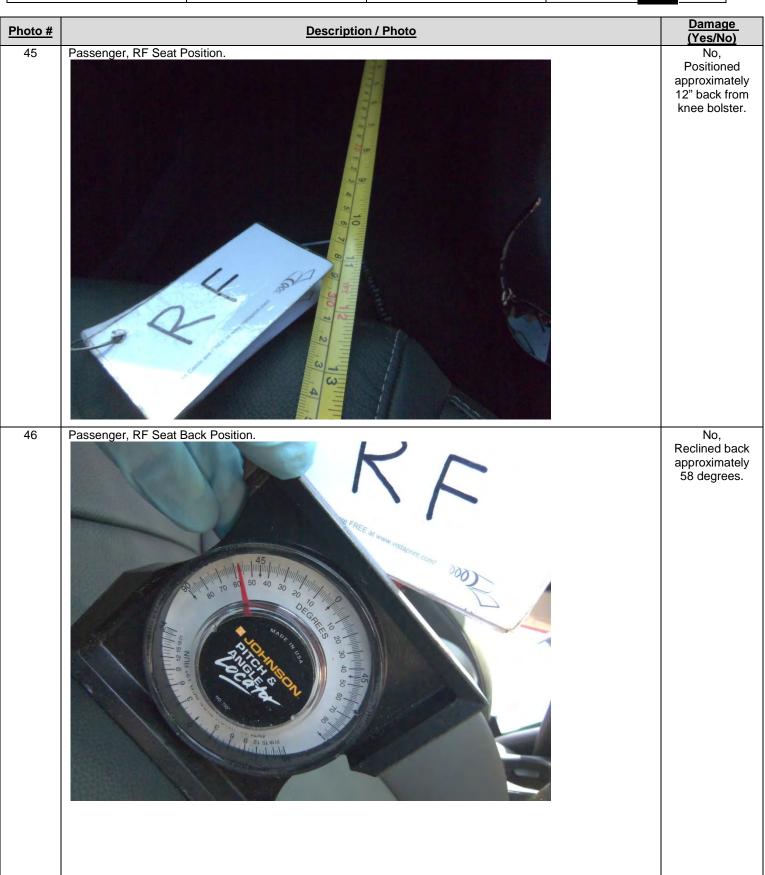


	Photo Log & Photo	os for Preliminary Inspection	ı v.2
Customer's Last Name:		Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7



	Photo Log & Photos f	or Preliminary Inspection	ı v.2
Customer's Last Name:		Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7

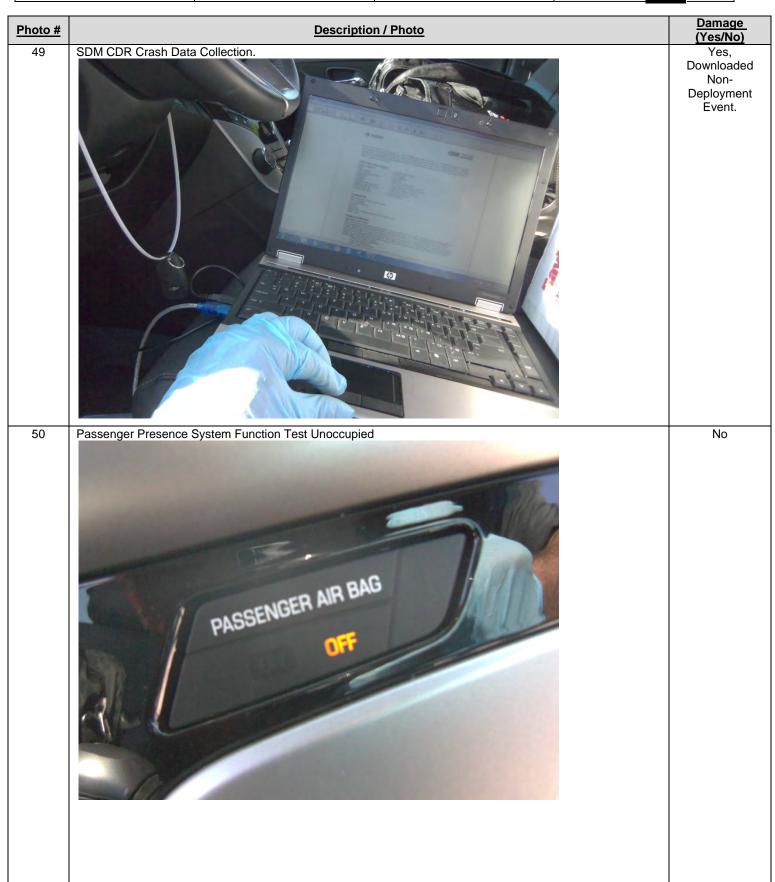


	Photo Log & Photos f	or Preliminary Inspection	ı v.2
Customer's Last Name:		Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7



	Photo Log & Photo	os for Preliminary Inspection	ı 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 Log & Photo	os for Preliminary Inspectior	ı 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 Log & Photo	os for Preliminary Inspection	ı v.2
Customer's Last Name:		Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7

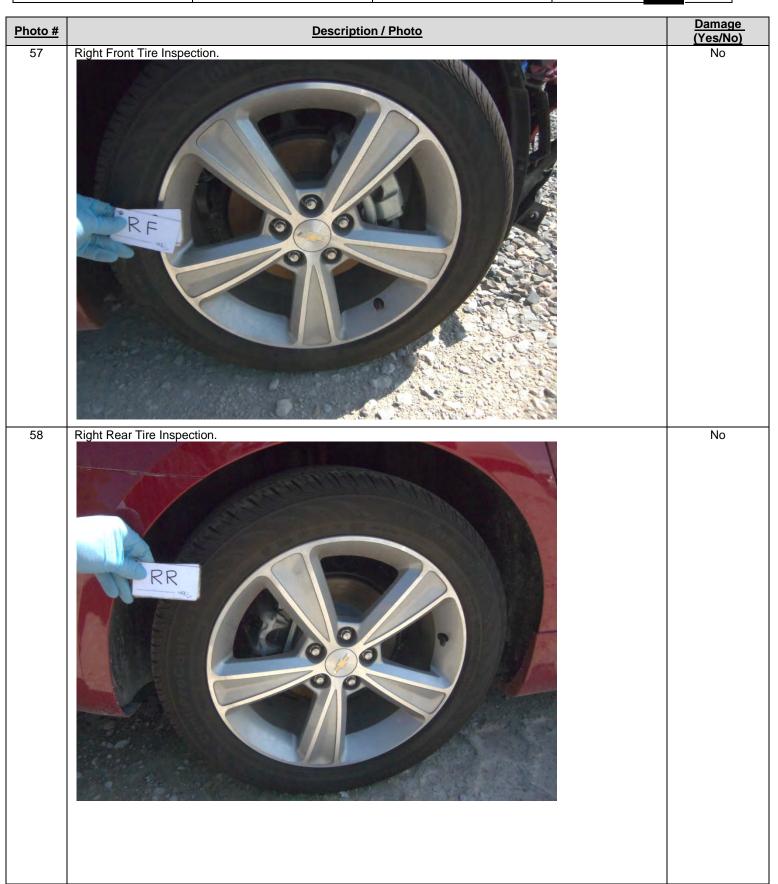
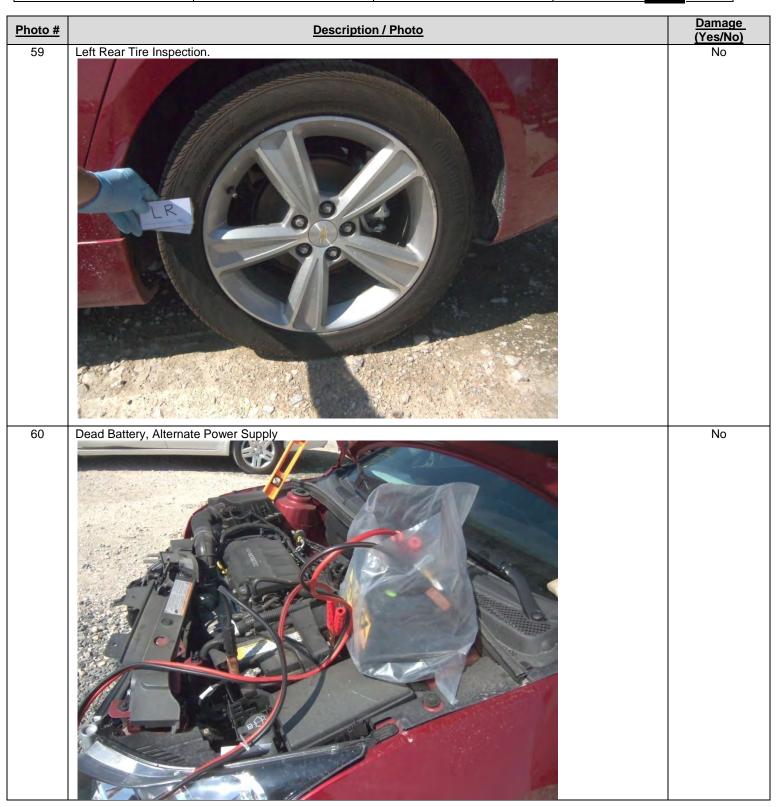


	Photo Log & Photo	os for Preliminary Inspection	ı v.2
Customer's Last Name:		Inspection Date:	09/07/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1100088780	VIN:	1G1PG5SC4C7



R006 Re	straint Systems / SIR	/ Seat Belts Prelimina	ry Inspection v2.0
Customer's last name:		Inspection date:	09/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1100088780	VIN:	1G1PG5SC4C7
NAME A Town Af	10057		Parts Auto Calvara
Mileage at inspection:	8,057	Inspection location: Co	
Inspected by: Inspector's phone number:	Martin Houle 248.687.4324	Address: 1655 Rankin	Road, Houston, Texas 77073
mspector's priorie number.	240.007.4324		
Was a dealer technician used f Yes, number of hours?	? Yes X	No	Number of photos 60
f possible, document the RO	number:	-	Number of DTC's 0
Maximum vehicle speed taker Did CDR detect a rollover eve	from CDR report: 19	mph No	
Section 1	INSPECT	TION SUMMARY	
important section of the re	port: was coming out of a parking lot g vehicle and was struck on the	and the right windshield pillar w	vas blocking her vision of the street. She cruze. The airbags did not deploy and we
NOTE: FOR ALLEGATIONS AIRBAG DEPLOYMENT INSP		DYMENT WITH NO COLLISION	N, COMPLETE THE INADVERTENT
Non-deployment (the air X Front Side	bag did not deploy and the clai	mant states that it should have	
Inadvertent deployment	vith a collision, (the claimant st	ates that the airbag deployed w	hen it should not have)
Improper deployment (e. Front Side	g. the claimant states that the a	airbag deployed late or only part	tially)
Deployment-induced inju	ry in a collision (the claimant st	ates the deployment of the airb	ag caused an injury)
Other Describe:			
None: seat belt - related	allegation only		
Describe the seat belt rel	ated allegation below:		
		did not restrain an occupant and	l it should have)
A STATE OF THE PARTY OF THE PAR	mant states the seat belt system	m caused an injury)	
Other Describe:			
X None: SIR - related al	egation only		
Passenger seatbelt pretensioner			
Following the inspection.	summarize the facts and obs	ervations:	
Mr. believes the collision event. I contacted Mr. agreed to an inter	frontal airbag module on his 20 Mr. by telephone on Sept view and vehicle inspection on 55 Rankin Road, Houston, Tex	12 Chevrolet Cruze should have ember 7, 2012 to initiate an inve September 7, 2012 at 4:05 p.m	e deployed during his wife's recent estigation on the 2012 Chevrolet Cruze. In The 2012 Chevrolet Cruze was located expection was performed. There were no

0

(lbs)

R006 R	estraint 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 -	INCIDE	NT DET	AILS	
Interviewee name	:					
Address:			Hun	nble Texas	4	
Phone number:						
Date of interview:		09.07.2012				
Interview mode: (7	Telephone or in person)	Telephone				
Police report? Fire report?		No No				
Driver's Physical I	Description			s Trip Info		
Name:			Hours	Minutes		Driver's Estimated Speed
	nale			2	200'	20
Height: 5' 7		15				
Weight: 125 Disabilities: Nor						
Mart	cation: Wilson Road, Hu on & visibility: Clear and	and an area of			np (°F): 95 d	08/18/2012 @ 2:00 p.m. eg
Was there a collisio	er occupants in the vehic	No le at the time of the in	ncident?		res X	No
Occupant's Informa						
Name:			Nan	394		
Name:			Nan Gen	394		
Name: Gender:			10.75	der:		
Name: Gender: Height:			Gen	der: jht:		
Name: Gender: Height: Weight:			Gen Heig	der: jht: ght:		
Height: Weight: Age:	ther occupants seated?		Gen Heig Wei	der: jht: ght:		
Name: Gender: Height: Weight: Age: Where were the ot	ther occupants seated?		Gen Heig Wei	der: jht: ght:		
Name: Gender: Height: Weight: Age:		Front Center Center	Gen Heig Wei Age	der: jht: ght:		

If the vehicle is a truck or a car trailering cargo at the time of the incident, estimate total weight of cargo and

GM Confidential Version 2 Effective 3/23/2012

trailer

Customer's last name: Vehicle brand: Case #: Load description: None Any objects in the road? If yes, describe: Did vehicle leave the roadwalf yes, what was impacted? Was there any evasive actio	Chevrolet 71-1100088780 Yes X No ay? Yes X No	Inspection date: Year/Model: VIN:	09/07/2012 2012 Cruze 1G1PG5SC4C7
Case #: Load description: None Any objects in the road? Tyes, describe: Old vehicle leave the roadway Tyes, what was impacted?	71-1100088780		
Load description: None ny objects in the road? yes, describe: id vehicle leave the roadwayes, what was impacted?	Yes X No	Y YIN	1011 0000101
ny objects in the road? yes, describe: id vehicle leave the roadwa yes, what was impacted?		y	
yes, describe: id vehicle leave the roadwayes, what was impacted?		y	
yes, what was impacted?	ay? Yes X No		
Vas there any evasive action	1		
	n? Turning	Braking Accelerating	X Other: None
Road Surface: Road Condition: Shoulder/Curb Condition: Select One>	X Dry Wo X Dry Shoulder X Cu	et Icy	Crushed Rock Dirt Other: Dirt
ny unusual noises (bang, p	pop, tick, grinding, metallic, roar,	etc.)? Yes	X No
	were there any warning lights or Driver's Information Center?	n, or Yes	X No
yes, how often?		Yes X No Yes X No Yes X No Yes X No	
Additional comments cor			
Section 3	VEHIC	LE HISTORY	
occion o		nis section from Driver / Claim	ent
any information for this and relationship, if any, to	section is obtained from anyor		vide the name, address, phone numb
Name:	Viumimil		
Name.			
Address:			
Address: Phone number:			
Address: Phone number: Relationship to claimant: Did the owner purchase the	vehicle new? Yes	X No	
Address: Phone number: Relationship to claimant: Did the owner purchase the fyes, date of purchase? f purchased used, provide to	vehicle new? Yes he name, address of the seller a		
Address: Phone number: Relationship to claimant: Did the owner purchase the f yes, date of purchase? If purchased used, provide the			
Address: Phone number: Relationship to claimant: Did the owner purchase the f yes, date of purchase? If purchased used, provide to the Name: Mon	he name, address of the seller a	nd data 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.

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customer's last nan	ood itestia	int Systems / Sik	/ Seat Belts Preliminar	y Inspection v2.0
ustoniei s iast nan			Inspection date:	09/07/2012
ehicle brand:		Chevrolet	Year/Model:	2012 Cruze
case #:		71-1100088780	VIN:	1G1PG5SC4C7
y repairs outside o		Yes X No		
	descriptions of	of the repair(s) and repair	invoices if possible:	
Date		Rep	air Description / By Whom?	
ior electrical syster		Yes X No		
Date	g.		Description	
			724	
ior collision repair?		Yes X No		
es, provide the fol		163 X 140	P	
Date	A		Description	
ior SIP and/or soal	half sarvice r	repair, or replacement?	Yes X No	
es, provide the fol		epail, or replacement?	Tes A NO	
Date	lowing.		Description	
	vehicle modification pre-owned, the	ations or alterations pres e current owner may not Suspension	ent, and has any after-market equivalent, and has any after-market equivalent to the version of any/all changes to the version of the version	uipment been installed? Remember that chicle. Aftermarket Exhaust Headers
k if there are any very vehicle has been Remote Start Body Modificati	vehicle modification pre-owned, the sons conent, who	ations or alterations pres e current owner may not Suspension	know of any/all changes to the vertices/Wheels Turbo	ehicle. Aftermarket Exhaust
Remote Start Body Modificati Unknown yes, describe compatalled it, and capture	vehicle modifications in the pre-owned, the pre-own	ations or alterations pres e current owner may not Suspension Towing Equip.	know of any/all changes to the vertices/Wheels Turbo	ehicle. Aftermarket Exhaust
Remote Start Body Modificati Unknown yes, describe compatalled it, and captul	vehicle modifications in the pre-owned, the pre-own	ations or alterations prese current owner may not Suspension Towing Equip.	know of any/all changes to the vertices/Wheels Security Alarm Turbo Wiring	Aftermarket Exhaust Headers X Yes No
Remote Start Body Modificati Unknown yes, describe compatalled it, and captured the compatalled it is the compatalled it is the compatalled it is the captured the compatalled it is the captured the c	vehicle modifications in the pre-owned, the pre-own	ations or alterations prese current owner may not Suspension Towing Equip. om interview, GM Warran GM VIS attached VEHICLE	Tires/Wheels Security Alarm Wiring ty, or Dealership history files?	Aftermarket Exhaust Headers X Yes No
Remote Start Body Modificati Unknown yes, describe compatalled it, and captured the compatalled it is the compatalled it is the compatalled it is the captured the compatalled it is the captured the c	vehicle modifications in the pre-owned, the pre-own	ations or alterations prese current owner may not Suspension Towing Equip. om interview, GM Warran GM VIS attached VEHICLE	Tires/Wheels Security Alarm Turbo Wiring Wiring Typ, or Dealership history files?	Aftermarket Exhaust Headers X Yes No
Remote Start Body Modificati Unknown des, describe compostalled it, and capture ther vehicle history and Section 4	vehicle modifications in the pre-owned, the pre-owned, the pre-owned, the pre-owned, the pre-owned, who are photos: information from the pre-owned in the pro-owned in the pro-owned in the pre-owned in the pre-	ations or alterations prese current owner may not Suspension Towing Equip. om interview, GM Warran GM VIS attached VEHICLE Do Not "Clear Codes" fr	Tires/Wheels Security Alarm Turbo Wiring Aty, or Dealership history files? / SYSTEM INSPECTION -Note rom any on board module(s)	Aftermarket Exhaust Headers X Yes No
Remote Start Body Modificati Unknown des, describe compostalled it, and capture ther vehicle history and Section 4	vehicle modifications in the pre-owned, the pre-owned, the pre-owned, the pre-owned, the pre-owned, who are photos: information from the pre-owned in the pro-owned in the pro-owned in the pre-owned in the pre-	ations or alterations prese current owner may not Suspension Towing Equip. om interview, GM Warran GM VIS attached VEHICLE Do Not "Clear Codes" frequency from the property of the property	Tires/Wheels Security Alarm Turbo Wiring Aty, or Dealership history files? / SYSTEM INSPECTION -Note rom any on board module(s)	Aftermarket Exhaust Headers X 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

GM Confidential

Version 2

Effective 3/23/2012

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? X Yes No If "No", describe:
How was download obtained? X 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 X 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 <u>any damage</u> 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 <u>any damage</u> 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 <u>any damage</u> 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 <u>any damage</u> 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		
S 7 446, 1		

ROOF / ROOF STRUCTURE: Describe <u>any damage</u> 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 <u>any damage</u> 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?

Yes
Yes

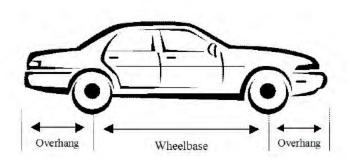
X	No
X	No

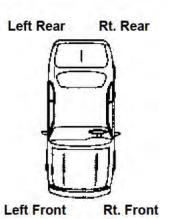
Identify and photograph the following (note the "non-struck" items):

- 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





Please check all that apply:

Type of impact(s)? X 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 Driver side front overhang Driver side rear overhang

Ī	106	
	25	M
Ī	37	ij

Passenger side wheelbase Passenger side front overhang Passenger side rear overhang

106
19
37

Maximum depth of crush (Inches):

6-8'	Front
0	Rear
0	Roof

river's side	
assenger's side	

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

X

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?	Yes
Door hinges on struck side separated?	Yes
Damage to striker/latch system?	Yes
Any rubber or paint transferred to the subject vehicle?	Yes
Damage from extrication tools (e.g. jaws of life)?	Yes
Separation of sheet metal along weld seams (doors, rocker panels, etc)?	Yes
Side door beam damaged? (Photos if possible)	Yes
Side beam welds separated (Photos if possible)?	Yes
Interior door trim damaged?	
Interior roof trim damaged near door opening?	

No
No

R006 Re	estraint Systen	ns / SIR /	Seat Belt	s Preliminarv	Inspection v2.0
Customer's last name:			Inspec	tion date:	09/07/2012
Vehicle brand:	Chevrolet		Year/M	lodel:	2012 Cruze
Case #:	71-110008878	0	VIN:		1G1PG5SC4C7
Additional comments:					
Photograph the following: Hinges on non-struck side Latch/striker on non-struck sid Underbody, front & rear suspe Striking vehicle (If available)	ension X	Door trim of Headliner of Any other	vehicles invol	side non-struck side ved (if possible)	e interior, and deployed airbags)
Interior reduced in size?		Yes	X No	Where:	
Intrusion by an external obje	act?	Yes	X No	Describe:	
Loose objects inside?	701 !	Yes	X No	Describe:	
Cowl deformed?		Yes	X No	Describe:	
Floorpan / Toepan deformed	13	Yes	X No	Describe:	
Headliner / visors damaged?		Yes	X No	Describe:	
Inside rear-view mirror dama	aged	Yes	X No	Describe:	
Door trim damaged?		Yes	X No	Describe:	
Steering column displaced?		Yes	X No	Describe:	
Steering column capsule bra		Yes	X No	Describe:	
Control knobs/ levers damage		Yes	X No	Describe:	
Accelerator/brake pedals de		Yes	X No	Describe:	
Instrument panel damaged?		Yes	X No	Describe:	
Lower IP/Kneed bolster dam	naged?	Yes	X No	Describe:	
If any of the following are "	Yes", capture photo	ographs			
Driver front airbag deployed	?	Yes	X No	Describe:	
Passenger front airbag deple	oved?	Yes	X No	Describe:	
Driver side airbag deployed?		Yes	X No	Describe:	
Passenger side airbag deplo		Yes	X No	Describe:	
Driver roof rail airbag deploy		Yes	X No	Describe:	
Passenger roof rail airbag de		Yes	X No	Describe:	
Other? (pretensioners, etc.)	орго у оси :	Yes	X No	Other:	
Ctrior: (protonolorioro, oto.)		100	X	Othor.	
Windshield (W/S) damaged?	Yes	X No			
If Yes?	Cracked		Broken (Top i	nner layer)	Damaged by occupant contact
W/S separated from vehicle?		X No	% (App		te % of perimeter separation
04	V ₂	NIa			
Steering wheel damaged?	Yes X	No			
If Yes:	Rim	Hub			
If yes, describe?					
If applicable, indicate the "clo	ck" position of dama	ge to the stee	ering wheel:	o'clock	
(NOTE: The top of the stee	ring wheel assemb	ly is 12 o'clo	ck, regardle:	ss if the wheel itse	elf is turned.)
_			, 3		•
Tilt steering wheel?		No			
If yes, position?	Low X	Med	High		
_					
Telescoping steering wheel?_	Yes	X No			
If yes, position?	Forward	Middle	Rearv	vard	

Customer's last name:	Restraint Systems / SIR	Inspection date:	09/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1100088780	VIN:	1G1PG5SC4C7
	ent (clothing, makeup, etc.)?	THE STEERING WHEEL, PHO	OGRAPH THEM
If the SDM is located und If any exist, remove the se Any signs of water intrusion If yes, describe:	eat and conduct a more extensive e		it could damage the module or its wir e findings and photograph.
Type of front seat?	X Bucket Bench	50/50 Split Bench 6	0/40 Split Bench
DRIVER'S SEAT INFORI	Yes	X No	- 1
f Yes, location? Seatback struck by rear o	ccupant? Seat bottom	Backrest Headre X No	St]
f yes, describe:	ccupants 165	A INU	
Seat damage? If Yes, location? Seatback struck by rear of yes, describe:	GER SEAT INFORMATION Yes Seat bottom ccupant? Yes	X No Backrest X No	st
Additional info regarding stamage (Front or rear):	seat		
VINDOW INSPECTION			
	C. C.	10 150 55	
Note all window condition	s: Undamaged; see photos #	40, and 52 - 55.	
RESTRAINT SYSTE		Codes" from the on-board (computer(s)
f equipped, are the preter	nsioners activated / deployed?	Yes X No	
'Alleged", SIR Unit(s):			
Anoged , one onice).			
X 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			V-1
Dilver Frederisionel	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		

GM Confidential Version 2 Effective 3/23/2012

Customer's last name:	Containt Cysteins / Oil	Inspection dat	liminary Inspection v2.0
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
	71-1100088780	VIN:	1G1PG5SC4C7
Case #:	71-1100088780	VIIN.	1G1PG5SC4C7
INSPECT SIR WIRING an	d SENSORS (IF VISIBLE)		
SIR wiring damaged?	Yes	X No Describe	2
SIR sensors damaged / disco		X No Describe	
If any airbag(s) deployed	I was it the:		
Driver front airbag			
Bag material cut / torn?	Y	es X No De	escribe:
Transfer marks present (mak	eup, clothing, etc.)		escribe:
Passenger front airbag			
Bag material cut / torn?		es X No De	escribe:
Transfer marks present (mak		Control of the contro	escribe:
Transfer marks present (mak	leup, clottinig, etc.)	es A NO De	eachibe.
Driver side airbag			
Bag material cut / torn?	Y		escribe:
Transfer marks present (mak	eup, clothing, etc.)	es X No De	escribe:
Passenger side airbag			
Bag material cut / torn?	T Y	es X No De	escribe:
Transfer marks present (mak			escribe:
1	J		
Roof rail airbag			
Bag material cut / torn?			escribe:
Transfer marks present (mak	eup, clothing, etc.)	es X No De	escribe:
ALLEGATION THAT FROM	T PASSENGER AIRBAG "DID	NOT DEPLOY" IN A C	COLLISION
			did not deploy in a collision. (Effective with the
			ce System.) Many vehicles were equipped with
evaluating those concerns.		al and labels in the ven	icle. The following information may be useful in
evaluating those concerns.			
If transfer marks are present,	please provide:	Age	Height (feet & inches) Weight (lbs)
		Aller and the state of the state of	CALLED TO THE CONTRACT OF THE
Note: For details on the fro	ont passenger's physical des	scription, please refer t	to Section 2.
Record and photograph the r	passenger seat position measu	ırement	
	orward Inches	2	
	position in relation to the station	onary base of the	W Francisco Briston
track at the front. Is the track	forward of, or back from the b	pase?	X Forward of Back from
Photograph the measuremen	nt.		
Driver seat position and its di	stance to the IP: 10	Inches	
			N DIRECTLY FROM THE SDM. RECONNECT
SDM TO VEHICLE HARNES	S TO PERFORM THE TEST.	Take photos for docume	entation.
Perform the following check f	for vehicles equipped with a pa	assenger airbag status in	ndicator. NOTE: For some vehicles the key must be
in the "on", or "run" position to		locoligor unbug ciatao in	idioaci. No.12, it of some verifice the key mast s
		Survey Secretary	
	irbag status indicator. Is the pa		
Sit in the passenger seat and	dobserve the status indicator.	is the passenger airbag	system "ON"? X Yes No
Photograph the seat cover ar	nd cushion		
	RF seat occupant contact with	the I/P or other interior	area.

GM Confidential Version 2 Effective 3/23/2012

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			

AIRBAG LIGHT FUNCTIONAL TEST RESULTS:

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

X	Yes
	Yes

Describe any other results:

Turn on ignition, observe seat belt light. On? Buckle driver's seat belt. Seat belt light on?

Х	Yes
	Yes

	No
Х	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?

X	Yes	
---	-----	--



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? X Yes No If "No", describe:	
How was download obtained? X 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 If removed from the vehicle, describe/photograph the conditions under which the module was mounted when the download was obtained:	0

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:

X	Driver		Center front	Х	Passenger			
X	Driver's side rear	Х	Center rear	Х	Right rear		Third Row	1

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

Done i	Postraint Systems / SID	/ Soat Bolts Brol	iminary In	cnoctio		2 of 13
	Restraint Systems / SIR			•		
Customer's last name:		Inspection date) :	09/07		
Vehicle brand:	Chevrolet	Year/Model:			Cruze	
Case #:	71-1100088780	VIN:		1G1P	G5SC4C7	
If equipped, are the pretens	sioners activated / deployed?	Yes X N	0			
NOTE: Answer the following	ng questions for the driver's seat	helt If other seat helt no	nsitions are ins	nected us	se the seat helt adde	ndum
	Identify and photograph the follo			pootoa, ac	so the deat soft adde	· i daii i
Is the driver's seatbelt fully	retracted? X Yes	No				
IF THE ANSWER IS NO, D	O NOT DISTURB BELTS AT TH	HIS TIME.				
Secure webbing, measure	length, and show measurement in	n a photo:	Inches			
If abnormalities are seen du	uring the following, ensure you ca	apture measurements ar	nd photos of the	e damage.		
Does the webbing spool in	and out freely (minimal effort)?	X	Yes	No		
			Lap	X Shou	ılder	
	nt on shoulder and lap belt webb		Yes	X No		
Webbing energy managem unfolded, replacement/warr	ent loops (if equipped) - stitches ning label exposed?	pulled free,	Yes	X No		
Tack stitch separated from			Yes	X No		
Webbing cut?			Yes	X No		
	exhibit striations, bent, or deform	ed?	Yes	X No		
	nove up and down (if equipped)?	Х	Yes	No		
Does the seat belt buckle la		Х	Yes	No		
	the stowed position when unbuc	kled? X	Yes	No		
Buckle condition (worn or fo			Yes	X No		
Any components missing?			Yes	X No		
	the stowed position when unbuc	kled?	Yes	X No		
	present (e.g. rescue workers)?		Yes	X No		
	? (If yes, photograph and record	length of pieces):	Inches			
belt addendum. Include i If possible, perform a dynar	mic "panic stop" type test with the	e vehicle.			the results on the	seat
Do the retractors on the bell If No , describe:	Its being inspected appear to lock	c and hold properly?	X Yes	No		
	k each belt inspected rapidly. (No is test.) Did the retractors lock?	ote: Some inertia activat	ed X	/es	No	
Additional comments?						
Section 5	SITE	INSPECTION				
NOTE: In most instances a	a site inspection is not required or	n vehicles with no dama	ge present (e.ç	g. claimant	says they hit a pot h	nole)
Was a site inspection perfo	rmed? Yes X N	No				
Posted speed where the inc	cident occurred?	(mph)				

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

R006 R	estraint 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...

locations, distances	, 610
Identify evidence & incident.	photograph any object struck by the vehicle on or off the road prior to, during, or after
 Inspect roadway & sexcessive speed, see 	shoulder surfaces in the area of the incident site for telltale signs of loss of control, evere 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 ad are continued from prior to	ditional comments from the inspection form. Please note the section and area that the comments beach comment.
Section 7	OTHER REPORT INFORMATION
According to NHT term also includes smouldering, but of	was evidence of a "Fire-Related" event. SA, "fire" means combustion or burning of material in or from a vehicle as evidenced by flame. The s, but is not limited to, thermal events and fire-related phenomena such as smoke, sparks or does not include events and phenomena associated with a normally functioning vehicle, such as I within an engine or exhaust from an engine.
Attachments: (Check al	I that apply)
X Photographs X	Data Downloads X Other Records



Training Support <trainingsupport@trainingsu pportadmin.com>

09/17/2012 03:49 PM

Please respond to trainingsupport@trainingsuppo rtadmin.com To faith_jackson@gmexpert.com

СС

bcc

Subject Product Allegation Request 71-1100088780 has been

Completed

Faith Jackson,

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

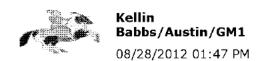
PAR Investigator Assigned Date: 2012-09-06 10:06:13 PDT PAR Investigation Completed Date: 2012-09-11 04:59:55 PDT

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



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
User	M. M.
Case Number	71-1100667354
EDR Data Imaging Date	09/05/2012
Crash Date	08/21/2012
Filename	1G1JD6SH5C4 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 wi thout 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 Eve nts. 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 Ve locity 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 t o 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 D eployment 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 comman d criteria is met or at maximum SDM recorded vehicle velocity change. Any air bag systems may be a source of a n enable.
- -Time From Algorithm Enable to Maximum SDM Recorded Vehicle Velocit y Change is captured when the largest, absolute value of either the Longitudinal or Lateral Recorded Vehicle Veloc ity Change occurs. The Maximum may occur between the





recorded 10 millisecond sample points.

- -Event Recording Complete will indicate if data from the recorded e vent 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 fac tors, 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 Invali d" 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 Av ailable" if:
 - -No data is received from the module sending the pre -crash data
- -Belt Switch Circuit Status indicates the status of the seat belt s witch circuit.
- -The ignition cycle counter will increment when the power mode cycl es 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 th at have occurred during the SDM's lifetime.
- -Algorithm Enable Counter tracks the number of times the sensing all gorithm 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 B 0052 (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 internal ly, 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.

```
DPID $32
FF EA 0A EA 00 00 00
DPID $35
78 00 00 00 00 00 00
DID $01
41 55 34 32 36 32 54 41 32 57 55 33 4B 45 38 4D
DID $03
41 54 34 32 36 32 54 41 32 4B 46 50 43 36 38 4D
41 48 32 33 34 30 54 50 34 33 42 35 42 55 38 4C
DID $07
41 4A 32 33 34 30 54 39 34 34 43 4B 33 55 38 4C
44 41 32 33 34 31 54 4E 45 57 41 48 34 32 38 4E
DID $0B
44 42 32 33 34 31 54 37 36 51 36 45 33 55 38 4E
DID $0D
30 30 30 30 30 54 30 30 30 30 30 30 30 30
30 30 30 30 30 30 54 30 30 30 30 30 30 30 30
DID $30
00 00 00 00
31 47 31 4A 44 36 53 48 35 43 34 31 30 39 36 33 38
DID $9A
03 01
DID $B4
41 53 33 34 33 34 54 31 31 32 35 34 30 32 37 35
DID $C1
00 CF 44 45
DID $C2
05 B7 94 77
DID $C3
00 CE 01 A1
DID $CB
00 CF 44 4A
DID $31
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0000	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0010	FF	FF	00	00	FF	EB	FF	FF	FF	F0
0020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0040	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0050	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0060	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0070	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0800	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0090	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0100	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0110	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0120	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0130	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0140	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0150	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0160	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0170	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0180	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0190	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0200	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0210	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0220	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0230	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
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0270	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0280	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0290	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0300	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0310	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0320	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0330	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0340	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0350	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0360	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0370	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0380	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0390	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0400	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0410	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
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0450	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0460	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0470	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0470	FF		FF	FF	FF	FF	FF		FF	FF
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0020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0030	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0040	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0050	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0060	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
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0080	55	55	55	55	55	55	55	55	55	55





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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 : Customer Last Name :

Customer City : Peebles Customer State : OH

Customer Zip Code:

Vehicle Information:

VIN: 1G1JD6SH5C4

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

Policy #:

Date of Loss:

Peebles, Of

Other

Inspection Location:

FAX: (937) 393-1937

Adjuster: Team 3P ACC Proc 1

8/21/2012 12:00:00 AM

Preliminary Estimate

Customer

COMP-Comprehensive

Type of Loss: Point of Impact: 12 Front

Insured:

Owner:

LYNCHBURG, OH

Body Style: Engine: Production Date: Condition:

RED Int:

TRANSMISSION 5 Speed Transmission Traction Control

SEATS **Bucket Seats**

Cloth Seats

Power Steering

Telescopic Wheel BRAKES

Power Brakes

Tilt Wheel

2012

CHEV

SONIC LT

Year:

Make:

Model:

Color:

STEERING

Rear Window Wiper

Tinted Glass Rear Defogger Power Windows

WHEELS

RADIO

AM Radio

FM Radio

Stereo

GLASS

Aluminum/Alloy Wheels

4D H/B

9/2011

4-1.8L-FI

Anti-Lock Brakes (4)

VEHICLE

VIN:

State:

Job #:

License:

Equalizer CD Player INTERIOR

Power Locks

Air Conditioning

Passenger Air Bag

Intermittent Wipers

Front Side Impact Air Bags

Rear Side Impact Air Bags

Driver Air Bag

Digital Clock

Search/Seek

1G1JD6SH5C4

FJQ3701

OH

Claim #:

BEDFORD

Days to Repair: 4

Insurance Company:

STATE FARM INSURANCE COMPANIES BEDFORD HEIGHTS SERVICE CENTER

Spoiler

Alarm

PAINT

Fog Lamps

Keyless Entry

Clear Coat Paint

Mileage In:

Mileage Out:

Vehicle Out:

Workfile ID:

Federal ID:

90e18cac

31-1559658

Job Number:

30145

EXTERIOR

Power Mirrors **Dual Mirrors**

Preliminary Estimate

Customer:

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 & G	RILLE						
2		O/H front bumper					2.7	
3	Repl	Bumper cover	95229055	1	290.00		Ind.	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		Ind.	
7	Repl	Lower grille	95227395	1	90.00		Ind.	
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	Rept	Lower baffle	95961450	1	37.56		Incl.	
22	Repl	Baffle plate	95465736	1	157.70		Incl.	
23	AIR CONDITIONER	8. 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 extn (HSS)	96901430				1.0	0.3
		NOTE; AFTER PULL						
29	* Rpr	LT Rail extn (HSS)	96901429				0.5	0.3
		NOTE: AFTER PULL						
30	# Rpr	UNIBODY REPAIR					1.0 F	
31	# Repl	TWO WHEEL ALIGHMENT		1	49.95	T		
		NOTE: OWNER SAID IT WAS NOT I	DRIVING CORRECTLY AND	MAKING	G A NOISE			
32	#	COOLANT		1	12.00	T		
33	#	CAR COVER		1	5.00			
34	#	HAZARDOUS WASTE MATERIALS		1	3.00			
~ .			SUBTOTALS		1,788.64		11.2	4.2

NOTES

Customer: BUTTS, RACHEL

Paint Labor

Frame Labor

Paint Supplies

Miscellaneous

Grand Total

CUSTOMER PAY INSURANCE PAY

Subtotal

Sales Tax

Deductible

Mechanical Labor

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

Signature

category	
Parts	
Body Labor	

Catonna

ESTIMATE TOTALS

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

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.

Preliminary Estimate

\$ 2,602.84

8.4 hrs 4.2 hrs 1.8 hrs 1.0 hrs 4.2 hrs

Basis

@

0

\$ 44.00 /hr \$ 44.00 /hr \$ 57.00 /hr \$ 48.00 /hr \$ 26.00 /hr

7.0000 %

Rate

182,20 2,785.04 500.00 500,00 2,285.04

Cost \$

369.60

184.80

102.60

48.00

109.20 69.95

2,602.84

1,718.69

Job Number:



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 & Photo	s 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

- 1	
	Inspector (First & Last Name) : Marty Depowski
	Number of Photos: 21

Section 1. Description

Photo #	<u>Description Only</u>	<u>Damage</u> (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 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

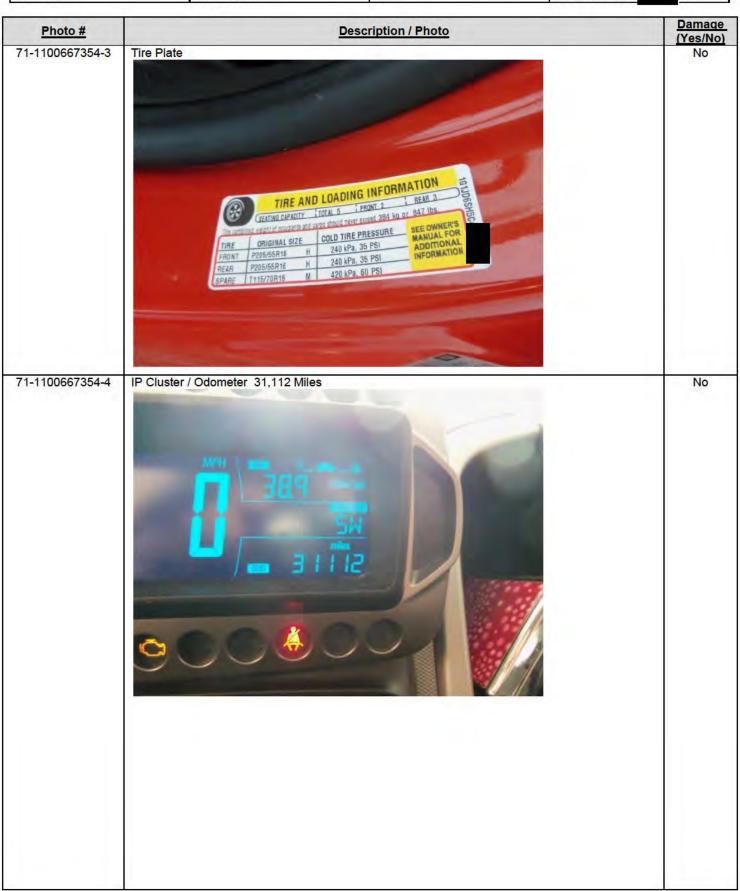


Photo Log & Photos for Preliminary Inspection v.2.1				
Customer's Last Name:		Inspection Date:	09/05/2012	
Vehicle Brand:	Chevrolet	Year/Model:	2012 Sonic	
File Case #:	71-1100667354	VIN:	1G1JD6SH5C4	

File Case #:	71-1100667354	VIN:	1G1JD6SH5C4	
Photo #		Description / Photo		Damage (Yes/No)
71-1100667354-5	Front (Exterior)			No
71-1100667354-6 F	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

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 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 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 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	<u>Damage</u> (Yes/No)
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 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	

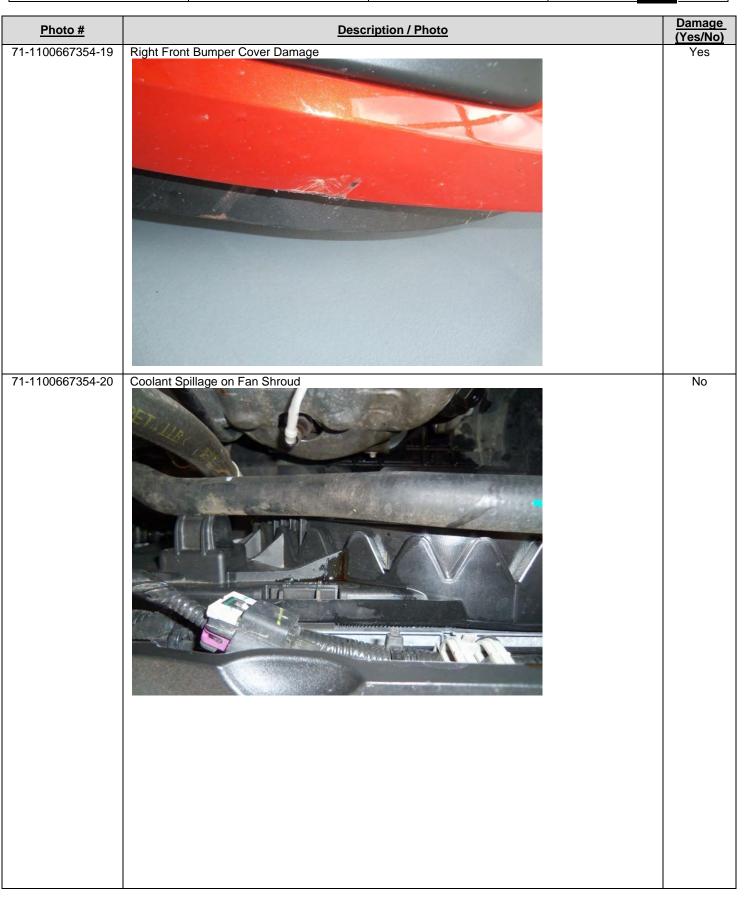


Photo Log & Photos for Preliminary Inspection v.2.1				
Customer's Last Name: Inspection Date: 09/05/2012				
Vehicle Brand:	Chevrolet	Year/Model:	2012 Sonic	
File Case #:	71-1100667354	VIN:	1G1JD6SH5C4	

Photo #	Description / Photo	Damage (Yes/No)
71-1100667354-21	Cracked Windshield White the state of the s	Yes

Customor's last name	olianii oyolomo / om		y Inspection v2.0
Customer's last name: Vehicle brand:	Chauralat	Inspection date:	09/05/2012
	Chevrolet 71-1100667354	Year/Model: VIN:	2012 Sonic
Case #:	71-1100667354	VIIV.	1G1JD6SH5C
Mileage at inspection:	31,112	Inspection location: Jef	f Wyler Chevrolet
Inspected by:	Marty Depowski	Address: 1117 S.R. 32	
Inspector's phone number:	248-687-4341	7,44,7555, 7777, 6,17,152	Data Na, OTT 10 100
Was a dealer technician used' f Yes, number of hours? f possible, document the RO Maximum vehicle speed taken Did CDR detect a rollover eve	number:	No No	Number of photos 18 Number of DTC's 0
Section 1	INSPECT	TON SUMMARY	
x Front Side	bag did not deploy and the clair Other vith a collision, (the claimant sta	mant states that it should have) ates that the airbag deployed wh	en it should not have)
Front Side	Other g. the claimant states that the a	irbag deployed late or only partia	ally)
Front Side	Other		
Deployment-induced injur	ry in a collision (the claimant sta	ates the deployment of the airba	g caused an injury)
Other Describe:			
None: seat belt - related	allegation only		
Describe the seat belt relate	d allegation below:		
		id not restrain an occupant and	t should have)
Induced injury (the clair	mant states the seat belt syster	n caused an injury)	
Other Describe:			
x None: SIR - related all	egation only		
A INOTIC. SIN - Telated all			
Driver seatbelt pretensioner			

- · 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 Resti	raint Systems / SIR /	Seat Belts	Preliminary Inspec	tion v2.0
Customer's last name:				
0		Year/Mo		012 Sonic
Case #:	71-1100667354	VIN:	1	G1JD6SH5C4
Section 2	INTERVIEW	V - INCIDEN	IT DETAILS	
Interviewee name:	Seth O'Bryant			1.7
Address:		d., Peebles, OH	45660	
Phone number:	(937) 217-4692	2		
Date of interview:	09/03/2012			
Interview mode: (Telephone or in	n person) Telephone			2.0
Police report?				
Driver's Physical Description	Driver	r's Trip Informa	tion	
Name:	Hou		Distance	Driver's Estimated Speed
Gender: Female		40	Unknown per interviewee	55
Height: 5' 3"				
Weight: 165-170				
Disabilities: None				
Exact incident location: 4477	Anderson Rd Hillshoro OL	- Event in	ncident date & time: 08/21	/2012 htwn 7-7:30 n m
Weather condition & visibility:			imate temp (°F): 80-85	120 12 btwn. 7-7.30 p.m.
Weather condition a visibility.	Clear	Аррголі	mate temp (1): 00-00	
Was there a collision? Were there any other occupants i	Yes No n the vehicle at the time of the	he incident?	Yes x N	lo
Occupant's Information (If Applica	ible)			
Name:	ioic)	Name		
Gender:		Gende	er:	
Height:		Height	t:	
Weight:		Weigh	14	
Age:		Age:		
	Caraby -			
Where were the other occupant	s seated?			
Front Bour	mant Frant Cant			
Front Row: Right F Second Row: Right R			t Rear	
Second Row: Right R Third Row: Right R			t Rear	
markow.	Center	Lon	Treat	
If the vehicle is a truck or a ca trailer	r trailering cargo at the tim	ne of the incide	nt, estimate total weight o	of cargo and (lbs)
Load description:				
\$20011 GOVERNO SERVE				
Any objects in the road? If yes, describe:	X Yes No ehicle struck a dog			
ii yes, describe.	sincle struck a dog			
Did vehicle leave the roadway? If yes, what was impacted?	Yes X No			
Was there any evasive action?	Turning	Braking	Accelerating	Other:
Poad Surface:	Concrete	halt	ravol Crushad B	ock Di-
Road Surface: Road Condition:	Concrete x Asp		ravel Crushed Ro	ock Dirt
Shoulder/Curb Condition:	x Dry Wet			Dirt
Select One>	x Shoulder Curl		y Unier.	ווע
Any unusual noises (bang, pop, ti			x Yes No	7
and an artist of the state of t	, gillianig, motalio, roul, e		. 100	

R0	06 Restraint		
	(Inspection date:	09/05/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
Case #:	71-1100667354	VIN:	1G1JD6SH5C4
If Yes, from where?	Front end bushings are worn per	interviewee	
	cident, were there any warning lights on the Driver's Information Center?	on, or Yes	x No
Has this condition bee If yes, how often?	en observed prior to this incident?	Yes x No	
Is an invoice for the re		x Yes No	
If Yes, what was the o	outcome? Airbags reset by Jeff W	/yler Chevrolet per interviewee.	
Additional commer	its concerning the incident: Interv	iewee stated he was, "not happy	" with dealership.
Section 3	VEHI	CLE HISTORY	
		this section from Driver / Clai	mant
Name: Address: Date of purchase: VEHICLE REPAIR If the answer is "Yes" document the name of	Peebles, of the seller of the service facility, its address, and repair(s) and repair(s) and repair	and data of purchase: as, describe the repairs. Obtain of telephone number.	copies of the repair order(s) if possible, and
Prior electrical system If yes, provide the follo Date Prior collision repair? If yes, provide the follo Date	x Yes No	Description Description	027) 202 4000
08/22/12	Collision damage related to incider Documents included with report.	nt repaired at Wood's Collision. (937) 393-1800.

R	006 Restraint System	s / SIR / Seat Belts Pi	reliminary Inspection v2.0
Customer's last nan		Inspection of	The state of the s
Vehicle brand:	Chevrolet	Year/Model	: 2012 Sonic
Case #: 71-1100667354		VIN:	1G1JD6SH5C4
Prior SIR and/or seat If yes, provide the foll Date 03/08/2012		Description rformed under warranty at Jef	No No Figure 1
Ask if there are any v	Suspension Towing Equip.	ions present, and has any afte	er-market equipment been installed? Remember that ges to the vehicle. Turbo Aftermarket Exhaust Headers
installed it, and captu	ire photos: information from interview, GN		ory files? X Yes No
Section 4	VE	HICLE / SYSTEM INS	PECTION
DTC Symptom	capture all diagnostic trouble o	Description	photograph the screens (if a scan tool was used). Current History
damage due to moist female ends for signs airbag system operat If the vehicle is equip document to determiny vehicles may have ro	raph any evidence that the parture/corrosion. Visually inspects of corrosion. If the SDM is mition and, if found, inspect the apped with roll-over protection, one whether vehicle is supported bll-over protection. An "Airbag"	t the carpet and floor pan for mounted under a seat, visually is area very carefully. Photograph download the ROS data after ced, and/or observe the icons or mame will be embossed on the key to be in the ignition "on" po	downloading the CDR data. (See ROS Coverage in the function bar on the CDR screen.) SUV-type ne trim at the A and possibly B pillars of the vehicle.
IF POSSIBLPHOTOS O		NITION KEY ON/OFF PRIOR EQUIRED TO SHOW ANY EF	TO OBTAINING THE DOWNLOAD RROR MESSAGES
Was the CDR downlo	pad available?	/es No	
How was download	obtained? x ALDL / D		odule using adapter harness w/ Bosch CDR from the vehicle?

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 <u>any damage</u> 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 <u>any damage</u> 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 <u>any damage</u> 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 <u>any damage</u> 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 <u>any damage</u> 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 <u>any damage</u> 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?

Yes
Yes
Yes
Yes

X	No
X	No
X	No
X	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?

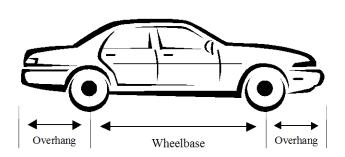
Yes
Yes

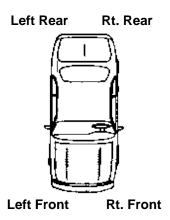
X	No
X	No
Х	No
Х	No
Х	No
X	No

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)?

x
Frontal

Side
Rear

Rollover
x

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 Driver side front overhang Driver side rear overhang Passenger side wheelbase
Passenger side front overhang
Passenger side rear overhang

	l
	l
	l

Maximum depth of crush (Inches):

Front
Rear
Roof

	er's side
Pa	senger's side

R006 Rest	raint Systems	/ SIR / S	Seat Belts	s Prelimin	ary Ins	pection v2.0	
Customer's last name:			Inspect	tion date:		09/05/2012	
Vehicle brand:	Chevrolet		Year/M			2012 Sonic	
Case #:	71-1100667354		VIN:			1G1JD6SH5C4	
	111100001001					101020011001	
Additional comments regarding	exterior damage:						
Damaged repaired prior to invest							
geapaea pe.							
PRIOR DAMAGE							
Document and photograph any	damage that anne	are to hav	ve heen pres	ent prior to	his incido	nt·	
Left and right sides of front bum						nt.	
Crack in right sides of windshield				54-16 and 19,			
Does customer allege non-deplo					Yes	x No	
Does customer allege non acpit	Symonic of Side difbag	JS 01 1001	raii airbags:		103	X NO	
NOTE: Complete the following if	the customer allegat	ion involv	es NON DEB	OVMENT O	f tha cida i	mnact airbage or roof rail airb	ane
Otherwise leave the remaining po						ilpact allbags of 1001 fall allb	ays.
Otherwise leave the remaining po	THOIT OF SECTION DIAM	v. identily	and photogr	apri trie rollov	virig iterris.		
Door hinges on struck side dam	aged?				Yes	No	
Door hinges on struck side sepa					Yes	No	
Damage to striker/latch system?					Yes	No	
Any rubber or paint transferred t		?			Yes	No	
Damage from extrication tools (e		•			Yes	No	
Separation of sheet metal along		rocker pa	nels, etc)?		Yes	No	
Side door beam damaged? (Pho		.co.to. po			Yes	No	
Side beam welds separated (Ph					Yes	No	
Interior door trim damaged?					Yes	No	
Interior roof trim damaged near	door opening?				Yes	No	
g	area aparmig						
Photograph the following:							
Hinges on non-struck side		werhead v	view (if possik	رمار)		1	
Latch/striker on non-struck side	 -		n non-struck	,		1	
Underbody, front & rear suspensi				non-struck sic	le 🗀	†	
Striking vehicle (If available)				ved (if possib		1	
canding vernole (ii available)		, 00. •	01110100 111101	rod (ii poooib	,	•	
INTERIOR INSPECTION (Photo	graph the side view	of the st	eering whee	el and colum	n, the inte	rior, and deployed airbags)	
Interior reduced in size?		Yes	x No	Where:			
Intrusion by an external object?		Yes	x No	Describe:			
Loose objects inside?		Yes	x No	Describe:			
Cowl deformed?		Yes	x No	Describe:			
Floorpan / Toepan deformed?		Yes	x No	Describe:			
Headliner / visors damaged?		Yes	x No	Describe:			
Inside rear-view mirror damaged	1	Yes	x No	Describe:			
Door trim damaged?	1	Yes	x No	Describe:			
Steering column displaced?		Yes	x No	Describe:			
Steering column capsule bracket	t displaced?	Yes	x No	Describe:			
Control knobs/ levers damaged?		Yes	x No	Describe:			
Accelerator/brake pedals deform		Yes	x No	Describe:			
Instrument panel damaged?		Yes	x No	Describe:			
Lower IP/Kneed bolster damage	ed?	Yes	x No	Describe:			
dilloca bolotor damage		. 00		2000100.			
If any of the following are "Yes"	". capture photogra	nhs					
Driver front airbag deployed?	, suprais priorogia	Yes	x No	Describe:			
Passenger front airbag deployed:	12	Yes	x No	Describe:			
Driver side airbag deployed?		Yes	x No	Describe:			
Passenger side airbag deployed:	1?	Yes	x No	Describe:			
Driver roof rail airbag deployed?		Yes	x No	Describe:			
CM Confidential				_ 5551155.			

R006 Restr	aint Systems / SIR / Sea	t Belts Preliminary Insp	ection 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 deplo		No Describe:	
Other? (pretensioners, etc.)	Yes x	No Other:	
Windshield (W/S) damaged? If Yes? W/S separated from vehicle? Steering wheel damaged? If Yes: If yes, describe?	x Yes No x Cracked Broke Yes x No Yes X No Rim Hub H		aged by occupant contact perimeter separation
If applicable, indicate the "clock" p			ad \
(NOTE: The top of the steering	wheel assembly is 12 o clock, re	egardiess if the wheel itself is th	imeu.)
<u>*</u>	Yes No No H	igh	
Telescoping steering wheel? If yes, position?	Yes x No Middle	Rearward	
IF THERE WERE ANY TRANSFE Were transfer marks present (clot If yes, describe?		TEERING WHEEL, PHOTOGRAF	PH THEM
If the SDM is located under a seat If any exist, remove the seat and a Any signs of water intrusion? If yes, describe:			
SEAT INSPECTION (Photograph	damaged areas)		
Type of front seat?	cket Bench 50/5	0 Split Bench 60/40 Spli	t Bench
DRIVER'S SEAT INFORMATION Seat damage? If Yes, location? Seatback struck by rear occupant If yes, describe:	Seat bottom	No Backrest No	
RIGHT FRONT PASSENGER SE Seat damage? If Yes, location? Seatback struck by rear occupant If yes, describe:	Yes Seat bottom E	No Backrest Headrest No	
Additional info regarding seat damage (Front or rear):			
WINDOW INSPECTION			
Note all window conditions:	No window damage.		

R006 R	estraint Systems / SIR	/ Seat Belts Preliminary	Inspection v2.0
Customer's last name:	THE PARTY OF THE P	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 x No "Alleged", SIR Unit(s): x 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? Describe: Yes x No 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? Describe: Yes No Transfer marks present (makeup, clothing, etc.) Yes No Describe: Passenger side airbag Bag material cut / torn? Describe: Yes No Transfer marks present (makeup, clothing, etc.) Yes No Describe: Roof rail airbag Bag material cut / torn? Describe: Yes No Yes Transfer marks present (makeup, clothing, etc.) No Describe:

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

Complete this section if the <u>customer alleges</u> the FRONT PASSENGER airbag <u>did not deploy</u> 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.

			10 of 13
R006 F	estraint Systems /	SIR / Seat Belts Prelim	inary 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 presen		Age Heig	ght (feet & inches) Weight (lbs)
Note. For details on the in	ont passenger s physica	i description, please refer to S	ection 2.
Record and photograph the Seat track position: Measure the moveable track track at the front. Is the track Photograph the measurement.	Inches [c position in relation to the sek forward of, or back from	stationary base of the	Forward of Back from
Driver seat position and its	distance to the IP:	Inches	
		THE DOWNLOAD IS TAKEN DEST. Take photos for documenta	IRECTLY FROM THE SDM. RECONNECT tion.
Perform the following check in the "on", or "run" position	for vehicles equipped with to perform the check.	a passenger airbag status indica	ator. NOTE: For some vehicles the key must be
		ne passenger airbag system "ON utor. Is the passenger airbag syst	
Photograph the seat cover a Photograph any signs of the		with the I/P or other interior area	l.
AIRBAG LIGHT FUNCTI	ONAL TEST RESULTS	:	
		linked several times and went "C linked several times and stayed "	
Describe any other results:			
Turn on ignition, observe se Buckle driver's seat belt. Se		Yes No No No	
When sitting in the passeng equipped), illuminate when		er seat belt warning light (if go "OFF" when it is buckled?	x 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? x Yes No

			11 of 13
R006 R	estraint Systems / SIR /	Seat Belts Preliminar	y 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 obtain	ed? x ALDL / DLC d directly from the module, was the		adapter harness w/ Bosch CDR hicle? Yes No
			s mounted when the download was
IF A COLLISION OCCURRE AT THE TIME OF COLLISION Location of inspected sear	DN. tbelts:		ELT(S) POSITIONS OF ALL OCCUPANTS
x Driver Driver's side rear		ght rear Third Row	
	elt assembly (both outboard positi nents of the seat belt system and		present in the vehicle at the time of the
If equipped, are the pretensi	oners activated / deployed?	Yes x No	
	g questions for the driver's seat be Identify and photograph the follow		are inspected, use the seat belt addendum
Is the driver's seatbelt fully r	etracted? x Yes	No	
	O NOT DISTURB BELTS AT THI ength, and show measurement in		es
If abnormalities are seen du	ring the following, ensure you cap	ture measurements and photos	s of the damage.

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

	No
	Shoulder
X	No
X	No
Х	No
Х	No
X	No
X	No
	No
	No
X	No
X	No
	No
X	No

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.

	6 Restraint Systems / S	R / Seat Belts Prelimina	ary Inspection v2.0
Customer's last name:	76.7	Inspection date:	09/05/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic
Case #:	71-1100667354	VIN:	1G1JD6SH5C4
to the retractors on the No, describe: vehicle is not drivable, etractors will not lock or No, which belts do ot lock/hold?	panic stop" type test with the belts being inspected appear to look jerk each belt inspected rapidly. (a this test.) Did the retractors lock	Note: Some inertia activated	Yes No No No
dditional comments?	Driver's seat belt is undamaged		
ection 5	SI	TE INSPECTION	
 If the customer police marks at Identify evidence locations, distant Identify evidence incident. Inspect roadway excessive spee 	incident occurred? RFORM THE FOLLOWING IF All can identify the incident scene are the scene, measure location of the scene of whether the vehicle left the received incident scene.	nd verify tire marks, gouges in the ne items and photograph. coad prior to, during, or after the in by the vehicle on or off the road of the incident site for telltale sign	pavement, debris, or any acident. Document all prior to, during, or after as of loss of control,
Section 6	COMI	MENT OVERFLOW	
Please use this area fo		inspection form. Please note	the section and area that the comments

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 smouldering, 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 Reco	ds
---	----



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

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To wyatt.dehnke@gm.com

cc

bcc

Subject 711101422745PAR Case Sent to ESIS No Action Required

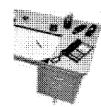
A product allegation claim has been made in your region. The customer is alleging non deployment. This case is being escalated to ESIS because of injuries.

Customer Last Name
2012 Chevrolet Sonic
VIN 1G1JA5SH9C4
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

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Faith Jackson/Austin/GM1 10/12/2012 06:46 PM To ashenafie.tsegaye@gm.com

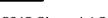
CC

bcc

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.



2012 Chevrolet Sonic

1G1JA6SH0C4

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
User	
Case Number	71-1115939706
EDR Data Imaging Date	10/23/2012
Crash Date	10/08/2012
Filename	1G1JA6SH0C4 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
- Dowmloaded 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)

Evolit Bata (Colloral)	
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	000000T00000000
ESS # 8 Traceability Data	000000T00000000
Dynamic Deployment Event Counter	0
Dynamic Algorithm Enable Counter	1
Dynamic OnStar Notification Event Counter	0
Vehicle Identification Number	1G1JA6SH0C4
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 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 Event Severity Status: Rollover	No.
Event Severity Status: Rollovel Event Severity Status: Rear	No No
Event Severity Status: Real Event Severity Status: Right Side	No No
Event Severity Status: Night Side	No
Event Severity Status: Frontal Stage 2	No
Event Severity Status: Frontal Stage 1	No
Event Severity Status: Frontal Stage F	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 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 No
Passenger Row 2 Head Rest Loop Commanded (If Equipped)	No No
Center Row 2 Head Rest Loop Commanded (If Equipped) High Voltage Battery Cutoff Loop Commanded (If Equipped)	No No
Driver Belt Switch Circuit Status	No 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 Data Not Available
Passenger Seat Position Status (ii Equipped)	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
C. secondaria and are mission attention	, Oii





L. T. D. W. C. L.	
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 Diagnostic Trouble Codes at Event:	N/A 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
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
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	40.1.401
Recorded Vehicle Velocity Change MPH [km/h]	-12 [-19]
Lateral SDM Recorded Vehicle Velocity Change at time of Maximum SDM Recorded	4 [4]
Vehicle Velocity Change MPH [km/h]	1 [1]
Driver 1st Stage Time From Algorithm Enable to Deployment Command Criteria Met	Data Not Available
(msec)	Data Not Available
Driver 2nd Stage Time From Algorithm Enable to Deployment Command Criteria Met	Data Not Available
(msec)	Data Not Available
Passenger 1st Stage Time From Algorithm Enable to Deployment Command Criteria	Data Not Available
Met (msec)	Data Not Available
Passenger 2nd Stage Time From Algorithm Enable to Deployment Command Criteria	Data Not Available
Met (msec)	Data Not Available
Driver Thorax/Curtain Time From Algorithm Enable to Deployment Command Criteria	Data Not Available
Met (msec)	Bata Not / Wallable
Passenger Thorax/Curtain Time From Algorithm Enable to Deployment Command	Data Not Available
Criteria Met (msec)	Bata Not / Wallable
Driver Pretensioner Time From Algorithm Enable to Deployment Loop #1 or Loop #2	Data Not Available
Command Criteria Met (msec)	24.6.7.7.4.4.4.6.6
Passenger Pretensioner Time From Algorithm Enable to Deployment Loop #1 or Loop	Data Not Available
#2 Command Criteria Met (msec)	2 3.3





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

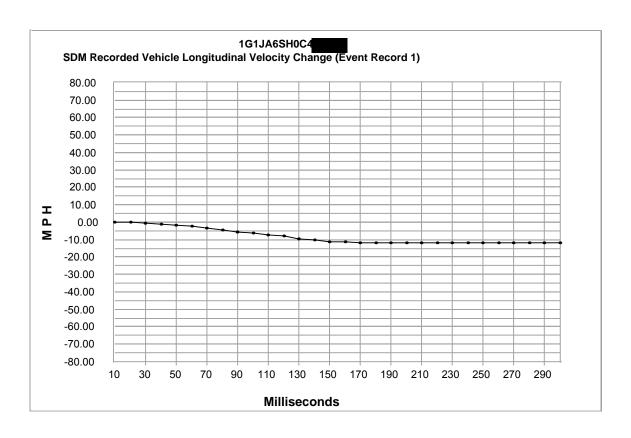
Times (sec)	Cruise Control Active	Cruise Control Resume Switch Active	Cruise Control Set Switch Active	Engine Torque (lb-ft [N-m])	Reduced Engine Power Mode Indicator
-1.0	No	No	No	[8] 6	Off
-0.5	No	No	No	20 [27]	Off

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]





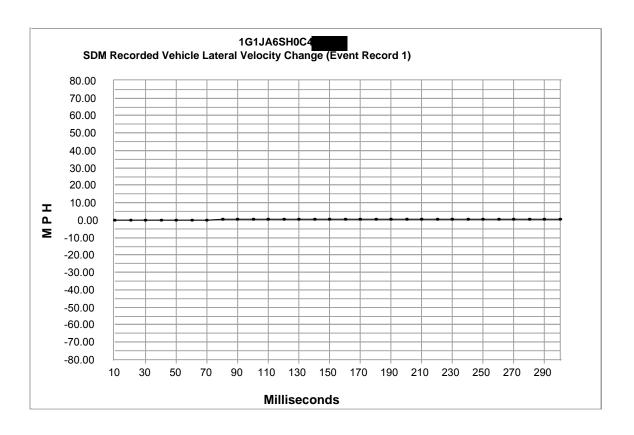


Time (msec)	Delta-V, Iongitudinal (MPH)	Delta-V, longitudinal (km/h)
10	0.0	0.0
20	0.0	0.0
30	-0.6	-1.0
40	-1.2	-2.0
50	-1.9	-3.0
60	-2.5	-4.0
70	-3.1	-5.0
80	-4.3	-7.0
90	-5.6	-9.0
100	-6.2	-10.0
110	-7.5	-12.0
120	-8.1	-13.0
130	-9.3	-15.0
140	-9.9	-16.0
150	-11.2	-18.0
160	-11.2	-18.0
170	-11.8	-19.0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

Time (msec)	Delta-V, Iongitudinal (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.

```
DPID $32
00 FF 05 AB 00 00 00
DPID $35
78 00 00 00 00 00 00
DID $01
41 55 34 32 36 32 54 41 38 52 48 51 35 49 38 4D
DID $03
41 54 34 32 36 32 54 41 38 53 43 4A 4C 49 38 4D
DID $05
41 48 32 33 34 30 54 39 46 42 30 4A 35 55 38 4C
DID $07
41 4A 32 33 34 30 54 39 38 4E 44 32 44 55 38 4C
DTD $09
44 41 32 33 34 31 54 4E 30 52 41 48 55 32 38 4E
DID $0B
44 42 32 33 34 31 54 37 4E 37 33 4C 45 32 38 4E
DID $0D
30 30 30 30 30 30 54 30 30 30 30 30 30 30 30
DID $0F
30 30 30 30 30 30 54 30 30 30 30 30 30 30 30
DID $30
00 00 01 00
DID $90
31 47 31 4A 41 36 53 48 30 43 34 31 34 36 33 32 39
DID $9A
03 01
DID $B4
41 53 33 34 33 34 54 31 31 33 34 34 30 34 39 33
DID $C1
00 CF 44 45
DID $C2
05 B7 94 77
DID $C3
00 CE 01 A1
DID $CB
00 CF 44 4A
DID $31
```





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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:

Customer City: Colorado Springs

Customer State : CO
Customer Zip Code :

Customer Cell Phone:

Vehicle Information:

VIN: 1G1JA6SH0C4

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

Estimate ID: 12-4647020-01

Date: 10/15/2012 09:39 AM

Estimate Version: Committed

Profile ID: cospg:newoem&remanf

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: Claimant: Address: DLORADO SPR, CO Telephone: Work Phone: Owner: Address: DLORADO SPR. CO Telephone: Work Phone:

Home Phone: Home Phone:

Mitchell Service: 911447

Description: 2012 Chevrolet Sonic LS

Body Style: 4D HB

VIN: 1G1JA6SH0C4

Mileage: 8,698 OEM/ALT:

Color:

Vehicle Production Date: 00/00

Drive Train: 1.8L Ini 4 CvI 6A FWD

License:

Search Code: COLORADOS3

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 Numb		Dollar Amount	Labor Units
Kim		(C)	THE CALL SE	Information Labels			-	
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	
				Front Bumper				
4	101174	BDY	OVERHAUL	Frt Bumper Cover Assy				2.2 #
5	101175	BDY	REMOVE/REPLACE	Frt Bumper Cover	Remanufa	ctured	290.00	INC #
6		REF	REFINISH	Frt Bumper Cover			(C 2.5
7	101176	BDY	REMOVE/REPLACE	Frt Lwr Bumper Grille	95227395	GM PART	90.00	INC #
8		BDY	REMOVE/INSTALL	Frt Bumper Cover				INC #
9	101177	BDY	REMOVE/REPLACE	Frt Bumper Adhesive Emblem	95019523	GM PART	35.78	0.1
10	101178	BDY	REMOVE/REPLACE	Frt Bumper License Plate Bracket	95939549	GM PART	12.61	INC
11	101192	BDY	REMOVE/REPLACE	R Frt Bumper Lamp Mount Bracket	95976851	GM PART	41.82	0.2 #
12	101193	BDY	REMOVE/REPLACE	L Frt Bumper Lamp Mount Bracket	95976852	GM PART	41.82	0.2 #
13	101194	BDY	REMOVE/REPLACE	Frt Ctr Bumper Support Bracket	95026539	GM PART	24.66	0.2 #
14	101196	BDY	REMOVE/REPLACE	R Frt Bumper Guide	95462003	GM PART	6.20	INC #
15	101197	BDY	REMOVE/REPLACE	L Frt Bumper Guide	95462002	GM PART	6.20	INC #
16	101198	BDY	REMOVE/REPLACE	R Frt Bumper Rivet 2@3.57	9132667	GM PART	7.14	INC
17	101199	BDY	REMOVE/REPLACE	L Frt Bumper Rivet 2@3.57	9132667	GM PART	7.14	INC
18	101201	BDY	REMOVE/INSTALL	Frt Upr Bumper Impact Bar	Existing			0.3 #
				Grille				
19	101233	BDY	REMOVE/REPLACE	Upr Grille	95215846	GM PART	90.00	INC #
				Front Lamps				
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 #

ESTIMATE RECALL NUMBER: 10/15/2012 09:39:12 12-4647020-01

Mitchell Data Version: OEM: SEP_12_V MAPP:SEP_12_V

Software Version:

7.0.481

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Page 1 of 6

Date: 10/15/2012 09:39 AM

cospg:newoem&remanf

Estimate ID: 12-4647020-01

Estimate Version: 0
Committed

Profile ID:

Hood GM PART REMOVE/REPLACE Hood Panel 95215164 295.76 23 101273 BDY C 2.3 REFINISH **Hood Outside** 24 REF Add For Hood Underside C 1.1 REF REFINISH 25 GM PART 39.80 INC 96872981 26 101274 BDY REMOVE/REPLACE Hood Insulator 29.04 REMOVE/REPLACE Hood Insulator Retainer 8@3.63 11571159 **GM PART** 101275 BDY 27 GM PART 16.44 INC REMOVE/REPLACE R Hood Seal 95985746 28 101276 BDY **GM PART** 16.44 INC REMOVE/REPLACE 95985746 29 101277 BDV I Hood Seal GM PART 66.67 0.3 # R Hood Hinge 95462342 101280 BDY REMOVE/REPLACE 30 INC # 31 BDY REMOVE/INSTALL R Fender Assy C 0.5 REF REFINISH R Hinge 32 INC REMOVE/INSTALL 33 BDY **Hood Assy** 66.67 * 95462341 **GM PART** 0.3 # 101281 BDY REMOVE/REPLACE L Hood Hinge 34 INC # 35 BDY REMOVE/INSTALL L Fender Assy C 0.5 REF REFINISH L Hinge 36 **GM PART** 38.78 0.3 95463825 37 101282 BDY REMOVE/REPLACE **Hood Latch** Cooling 300.00 2.0 # GM PART REMOVE/REPLACE 95022258 38 101084 MCH Cooling Radiator REMOVE/REPLACE Evacuate & Recharge A/C 1.4 MCH -M 39 31.90 0.4 # 95961448 GM PART REMOVE/REPLACE **Upr Cooling Radiator Baffle** 40 101096 BDY REMOVE/REPLACE Cooling Retainer 4@4.00 11589290 **GM PART** 16.00 BDY 41 101097 GM PART 157.70 95465736 REMOVE/REPLACE Cooling Radiator Baffle 42 101098 BDY 37.56 0.4 BDY Lwr Cooling Air Baffle 95961450 **GM PART** REMOVE/REPLACE 43 101100 95048411 GM PART 41.20 0.7 101105 BDY REMOVE/REPLACE Cooling Recovery Tank 44 Cooling Fan Shroud 95018591 **GM PART** 117.12 0.2 # 45 101109 BDY REMOVE/REPLACE A/C /Heater/Ventilation INC # Air Cond Condenser Assy -M 96945773 **GM PART** 292.00 46 101049 MCH REMOVE/REPLACE Front Fender 1.7 # 95024528 GM PART 179.00 REMOVE/REPLACE R Fender Panel 47 100242 BDY C 1.6 REF REFINISH R Fender Outside 48 C 0.5 49 REF REFINISH R Add To Edge Fender 95024527 **GM PART** 179.00 1.7 # REMOVE/REPLACE L Fender Panel 100243 BDY 50 C 1.6 REFINISH L Fender Outside 51 REF C 0.5 REFINISH L Add To Edge Fender REF 52 10.17 0.1 # 95024099 GM PART REMOVE/REPLACE R Fender Rear Bracket 53 100246 BDY 10.17 0.1 # L Fender Rear Bracket 95024098 **GM PART** REMOVE/REPLACE BDY 54 100247 INC r 55 100250 BDY REMOVE/INSTALL R Fender Liner Existing INC Existing L Fender Liner 56 100251 BDY REMOVE/INSTALL 15.00 GM PART 100252 BDY REMOVE/REPLACE R Fender Splash Shield Retainer 4@3.75 11589293 57 11589293 GM PART 15.00 L Fender Splash Shield Retainer 4@3.75 100253 BDY REMOVE/REPLACE 58 INC 100259 BDY REMOVE/INSTALL R Fender Applique 59 INC 100260 BDY REMOVE/INSTALL L Fender Applique 60 Front Inner Structure **GM PART** 105.15 2.5 95021800 BDY REMOVE/REPLACE Front Body Upper Tie Bar -S 61 100269 0.8 REF REFINISH Upper Tie Bar 62 95026205 **GM PART** 3.75 0.2 101325 BDY REMOVE/REPLACE **Upr Front Body Shield** 63 95026204 **GM PART** 50.00 0.2 RDY REMOVE/REPLACE Front Body Cover 64 101322 GM PART 98.37 3.5 95472109 REMOVE/REPLACE R Otr Upr Front Body Side Rail (HSS) -S 65 100024 BDY 0.4 R Otr Upr Side Rail 66 REF REFINISH 98.37 3.5 L Otr Upr Front Body Side Rail (HSS) -S 95472108 **GM PART** 100025 BDY REMOVE/REPLACE 67 0.4 68 REF REFINISH L Otr Upr Side Rail 3.0 R Front Body Wheelhouse Brace 95016793 GM PART 5.93 100032 REMOVE/REPLACE BDY 69 -S Existing 1.0* 100034 BDY REPAIR R Front Body Front Reinf 70 0.3 REFINISH/REPAIR R Front Body Front Reinf -S REF 71 95022358 **GM PART** 9.77 100038 BDY REMOVE/REPLACE R Front Body Shield 72 95462804 **GM PART** 369.46 20" REMOVE/REPLACE **Fuse Block** -M MCH 73 101332 **GM PART** 25.44 0.1 95489845 100325 BDY REMOVE/REPLACE **Fuse Box Cover** 74 95990326 **GM PART** 13.68 REMOVE/REPLACE **Fuse Box Housing** -M 75 100326 MCH Air Bag System Disable & Enable Air Bag System 0.3 -M REMOVE/REPLACE 76 100330 MCH 0.5 # 166.67 **GM PART** 100343 MCH REMOVE/REPLACE R Frt Air Bag Sensor -M 13502340 77 Engine/Trans 0.2 4.91 13103972 GM PART 101576 MCH REMOVE/REPLACE **Engine Plate** -M 78 55564395 **GM PART** 131.27 1.0 MCH REMOVE/REPLACE Engine Camshaft Housing Cover -M 79 101578 **Engine Dipstick** 55562503 **GM PART** 17.30 BDY REMOVE/REPLACE 80 101585 Air Cleaner

ESTIMATE RECALL NUMBER: 10/15/2012 09:39:12 12-4647020-01

Mitchell Data Version: OEM: SEP_12_V

MAPP:SEP_12_V 7.0.481 Copyright (C) 1994 - 2012 Mitchell International All Rights Reserved

Date: 10/15/2012 09:39 AM Estimate ID: 12-4647020-01

Estimate Version: Committed

					P	rofile ID: cos	pg:newoem	gremant
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
04	101004	-	Want James State	Electrical				
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 -M	ORDER FR	ROM 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	
00	100102		(teme temperature)	Windshield			200	
90	100056	BDY	REMOVE/REPLACE	W/Shield Washer Reservoir	95229337	GM PART	20.46	0.4 #
91	100000	BDY	REMOVE/INSTALL	Cowl Top Panel				0.6 #
92	100057	BDY	REMOVE/REPLACE	W/Shield Drain Tube	95987387	GM PART	7.02	INC #
-	100001	-	Owner a more property	Front Door_				
93	100003	REF	BLEND	R Frt Door Outside				0.9
94	100818	REF	BLEND	L Frt Door Outside			(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 #
		254		ADDITIONAL OPERATIONS				2.4
103		REF	ADD'L OPR	Clear Coat				3.1
				Additional Costs & Materials				
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*
100	00000	100	***************************************	MANUAL ENTRIES			No.	F () () ()
107	900500	BDY *	REMOVE/REPLACE	Battery	Sublet		134.33	* 0.0*
108		22.	14 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	No betterment as less than 1 yr old and 8k miles			1,000	1000
109	900500	BDY .	REMOVE/REPLACE	Cam Position Sensor	New		100.12	* 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*
		-	The second of th					

^{* -} Judgment Item

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.

^{# -} Labor Note Applies

C - Included in Clear Coat Calc

r - CEG R&R Time Used For This Labor Operation

Estimate ID: 12-4647020-01

Date: 10/15/2012 09:39 AM

Estimate Version: 0

Committed

Profile ID: cospg:newoem&remanf

Estimate Totals

ı.	Labor Subtotals	Units	Rate	Add'I Labor Amount	Sublet Amount	Totals	11.	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-Taxa	ble Labor			3,064.20		Total Replacement Parts Am	ount		5,554.00
	Labor Summary	59.1				3,064.20					
III.	Additional Costs					Amount	IV.	Adjustments			Amount
	Taxable Cost	s				501.20		Insurance Deductible			1,000.00-
		Sales Tax		@	7.400%	37.09			and the		
	Total Addition	nal Costs				538.29		Customer Responsib	ility		1,000.00-
	Paint Materia Init Rate = 28		ates								
							1.	Total Labor:			3,064.20
							II.	Total Replacement Part	s:		5,554.00
							111.	Total Additional Costs: Gross Total:			538.29 9,156.49
							IV.	Total Adjustments: Net Total:			1,000.00- 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

Date: 10/15/2012 09:39 AM Estimate ID: 12-4647020-01

Estimate Version: 0
Committed

Profile ID: cospg:newoem&remanf

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, NEGLECT, 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:

ESTIMATE RECALL NUMBER: 10/15/2012 09:39:12 12-4647020-01

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.

Logout



Donald Shalla

October 28, 2012

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

INTERFACE WITH CUSTOMER

USER OPTIONS

View Vehicle Summary

(3)

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 Service Contract: No

Branded Title: No

Model: 1JU48-2012 SONIC 5 DOOR LS

Warranty Block: No

PDI Status: Yes

Order Type: 70 - RETAIL - STOCK

Field Actions: 2 Open

REQUEST ANOTHER VIN

Required Field Actions

Open field actions are highlighted

Туре	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

Туре	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.

On Star Equipped: Y
XM Equipped: Y
On Star Vehicle Diagnostics: N

XM Radio ID: DDCWJ2RH

OnStar Status: Active

XM Status: Active

DMN Enabled: N

Applicable Warranties

Valid warranties are highlighted

Valid Description Warranty Add Start Effective End End Date Odometer Date Odometer

For this vehicle:

- ? View Vehicle Summary
 - ? Service
 - Contract
 Rranded Title
 - ? Warranty Block
- ? View Vehicle Build
- 7 View Vehicle
- ? Component Summary View Vehicle
- ? Transaction History Detail
- ? View Vehicle Delivery Information
- ? Investigate Major Assembly History

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.

Transactio	n History				View Details
Job Card Date	Job Card Number	Transaction Type	Transaction Adjustment	Labour Operation	Odometer Reading
01/14/2012	A46329	ZPDIPre-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:	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

Photo #	Description Only	Damage (Yes/No)
1	Vin Plate	N 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 Front bumper cover showing impact zone above emblem (note no damage below the level of the emblem)	N
27 28	Front bumper cover showing impact zone above emblem (note no damage below the level of the emblem) Front bumper cover showing impact zone above emblem (2)	Y
29	Front bumper cover showing impact zone above emblem (2) 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	Ý
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

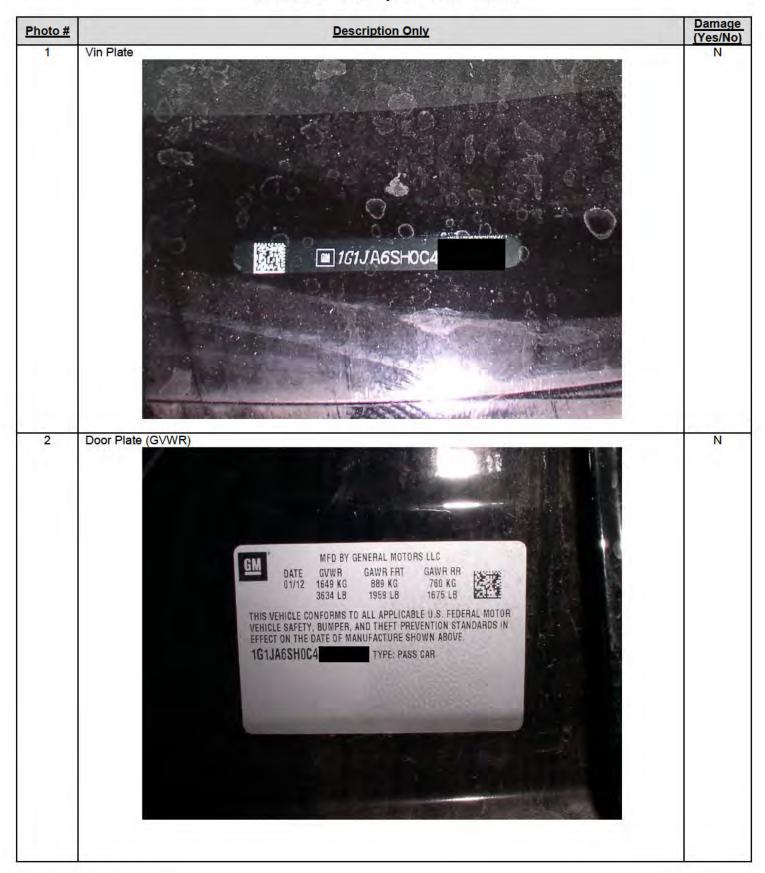


Photo Log & Photos for Preliminary Inspection v.2.1				
Customer's last name: Inspection date: 10/23/2012				
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic	
File case #:	71-1115939706	VIN:	1G1JA6SH0C4	

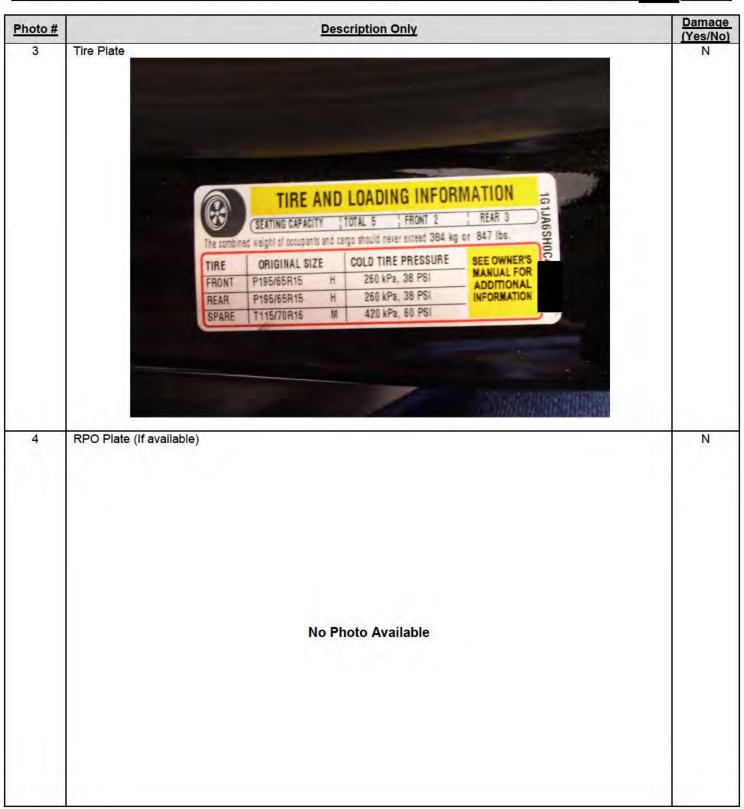


Photo Log & Photos for Preliminary Inspection v.2.1				
Customer's last name: Inspection date: 10/23/2012				
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic	
File case #:	71-1115939706	VIN:	1G1JA6SH0C4	

IP Cluster / Odometer Ν 5 8598 6 Front (Exterior) N No Photo Available

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	

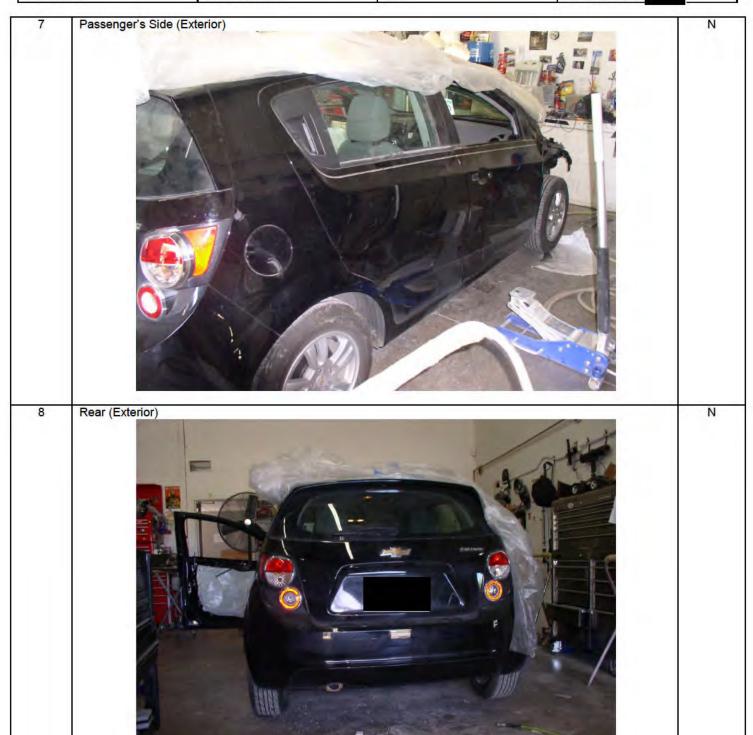


Photo Log & Photos for Preliminary Inspection v.2.1				
Customer's last name: Inspection date: 10/23/2012				
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic	
File case #:	71-1115939706	VIN:	1G1JA6SH0C4	

Ν

9 Driver's Side (Exterior)



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	

Driver's Side (Interior) 11 Ν 12 Passenger's Side (Interior) Ν No Photo Available

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)

No Photo Available

Ν

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 #:	File case #: 71-1115939706 VIN: 1G1JA6SH0C4				

Ν

15 Underbody 1



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 #:	File case #: 71-1115939706 VIN: 1G1JA6SH0C4				

Underbody 3 17 Ν





18

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	

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



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



Υ

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	

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



22 Close-up of buckle in RF frame rail



Υ

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)



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	

Front bumper reinforcement (no visible damage) 1

Ν



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)



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



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	

Front bumper cover showing impact zone above emblem (3)

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	

Front bumper cover showing impact zone above emblem (5)



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



Υ

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	

Ν

33 Left frame rail (no visible damage)



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	

Right frame rail (no visible damage) 35 Ν 36 Close-up of right frame rail Ν

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)



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

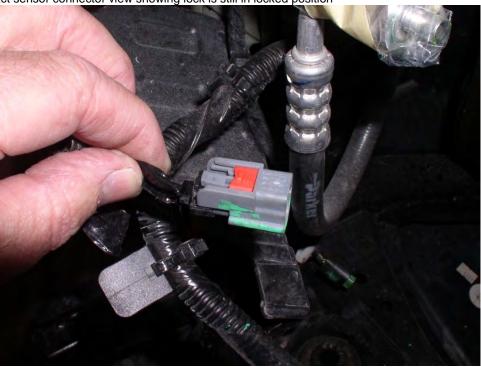


Photo Log & Photos for Preliminary Inspection v.2.1				
Customer's last name:		Inspection date:	10/23/2012	
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic	
File case #:	71-1115939706	VIN:	1G1JA6SH0C4	

39 Right impact sensor end view

Ν



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



Airbags and Seatbelts

42 Passenger side roof rail air bag intact



Ν

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





44 Driver's frontal airbag intact





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

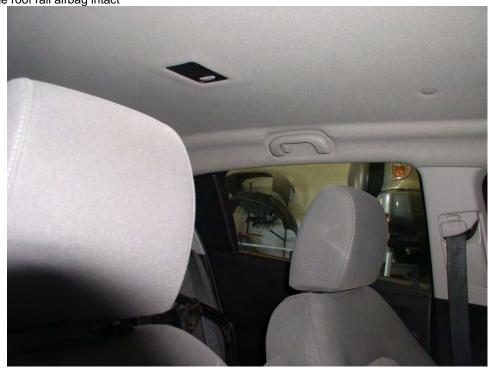
N



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





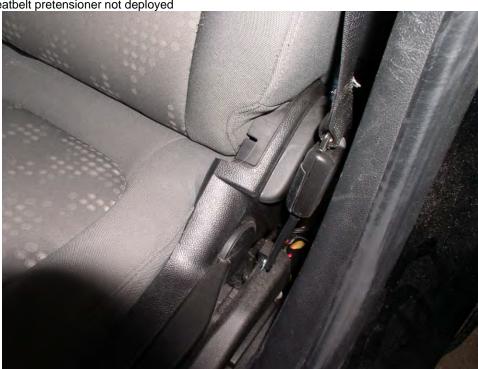
48 Driver's knee bolster airbag intact



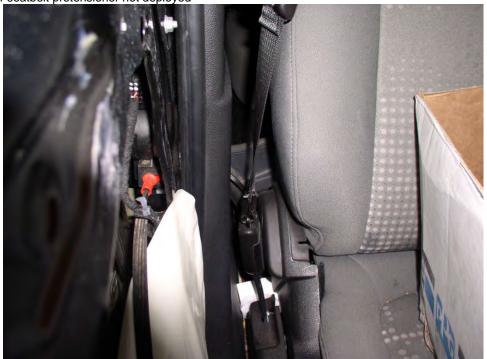


Photo Log & Photos for Preliminary Inspection v.2.1				
Customer's last name:		Inspection date:	10/23/2012	
Vehicle brand:	Chevrolet	Year/Model:	2012 Sonic	
File case #:	71-1115939706	VIN:	1G1JA6SH0C4	

49 Driver's seatbelt pretensioner not deployed



50 Passenger seatbelt pretensioner not deployed



N

Ν

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

Customer's last name:		/ Seat Belts Preliminar 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	
nspected by:	Don Shalla	Address: 3680 Bijou St	reet, Colorado Springs, CO 80909
nspector's phone number:	(248) 687-4346		
as a dealer technician used? Yes, number of hours?		No	Number of photos 51
possible, document the RO n aximum vehicle speed taken d CDR detect a rollover even	from CDR report:	54 mph No	Number of DTCs N/A
Section 1	INSPECT	TION SUMMARY	
	driving east on Platte Avenue about 45 mph when he hit the		k in front of him had slowed. Mr. Perry nd he rear ended the truck but Mr. Perr
normally explain the lack of air on this vehicle are mounted of connector on the right impact that the airbags did not deploy on the property of the property	irbag deployment they told Mr on the upper radiator support v is sensor was torn off. The bod y. OF AN INADVERTENT DEPL DECTION FORM. Dag did not deploy and the clai	Perry. The body shop also told which was heavily damaged in the y shop expressed concern to Mr OYMENT WITH NO COLLISION mant states that it should have)	Mr. Perry that the airbag impact sensor e collision. During the collision the . Perry that this was possibly the reasor , COMPLETE THE INADVERTENT
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normally explain the lack of air on this vehicle are mounted of connector on the right impact that the airbags did not deploy one. OTE: FOR ALLEGATIONS OF TRANSPORT INSPIRED	irbag deployment they told Mr on the upper radiator support v sensor was torn off. The bod y. OF AN INADVERTENT DEPL ECTION FORM. Dag did not deploy and the clai Other Inthe collision, (the claimant st Other In the claimant states that the and Interpretation of the claimant st In the claimant states that the and Interpretation of the claimant st In the claimant states that the and Interpretation of the claimant st In the claimant states that the and Interpretation of the claimant st In the claimant states that the and Interpretation of the claimant st In the claimant states that the and Interpretation of the claimant st In the claimant states that the and Interpretation of the claimant st In the claimant	Perry. The body shop also told which was heavily damaged in the shop expressed concern to Mr OYMENT WITH NO COLLISION mant states that it should have) attes that the airbag deployed what states deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have a should h	Perry that this was possibly the reason, COMPLETE THE INADVERTENT en it should not have)
normally explain the lack of air on this vehicle are mounted of connector on the right impact that the airbags did not deploy ones. FOR ALLEGATIONS of RBAG DEPLOYMENT INSPORT	irbag deployment they told Mr on the upper radiator support v sensor was torn off. The bod y. OF AN INADVERTENT DEPL ECTION FORM. Dag did not deploy and the clai Other In the claimant states that the and the claimant states the	Perry. The body shop also told which was heavily damaged in the shop expressed concern to Mr OYMENT WITH NO COLLISION mant states that it should have) attes that the airbag deployed what states deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have a should h	Mr. Perry that the airbag impact sensor e collision. During the collision the Perry that this was possibly the reason, COMPLETE THE INADVERTENT en it should not have)
normally explain the lack of air on this vehicle are mounted of connector on the right impact that the airbags did not deploy on the right impact that the airbags did not deploy on the right impact that the airbags did not deploy on the right impact in the right impact of the right impact in the right in the right impact in the right in the right impact in the right impact in the right impact in the right impact in the right in the	irbag deployment they told Mr on the upper radiator support v sensor was torn off. The bod y. OF AN INADVERTENT DEPL ECTION FORM. Dag did not deploy and the clai Other Other I Other y in a collision, (the claimant st Other y in a collision (the claimant st allegation only ated allegation below:	Perry. The body shop also told which was heavily damaged in the shop expressed concern to Mr OYMENT WITH NO COLLISION mant states that it should have) attes that the airbag deployed what states deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have airbag deployed late or only particular to the should have a should h	Mr. Perry that the airbag impact sensor e collision. During the collision the Perry that this was possibly the reasor. COMPLETE THE INADVERTENT en it should not have) ally) g caused an injury)
normally explain the lack of air on this vehicle are mounted of connector on the right impact that the airbags did not deploy one: OTE: FOR ALLEGATIONS OF REAG DEPLOYMENT INSPECT OF INSP	irbag deployment they told Mr on the upper radiator support v sensor was torn off. The bod y. OF AN INADVERTENT DEPL ECTION FORM. Dag did not deploy and the clai Other Other I Other y in a collision, (the claimant st Other y in a collision (the claimant st allegation only ated allegation below:	Perry. The body shop also told which was heavily damaged in the system of the system o	Mr. Perry that the airbag impact sensor e collision. During the collision the Perry that this was possibly the reason, COMPLETE THE INADVERTENT en it should not have) ally) g caused an injury)
normally explain the lack of all on this vehicle are mounted of connector on the right impact that the airbags did not deploy one: FOR ALLEGATIONS OF TRANSPORT INSPECTION OF	irbag deployment they told Mr on the upper radiator support v sensor was torn off. The bod y. OF AN INADVERTENT DEPL ECTION FORM. Dag did not deploy and the clai Other Other I the claimant states that the a Other y in a collision (the claimant st allegation only ated allegation below: mant states that the seat belt of	Perry. The body shop also told which was heavily damaged in the system of the system o	Mr. Perry that the airbag impact sensor e collision. During the collision the Perry that this was possibly the reason, COMPLETE THE INADVERTENT en it should not have) ally) g caused an injury)

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	INTERVIE	W – INCIDENT DETAILS	
Interviewee name:		- Colorado Springs, CO	
Phone number:	0	- Colorado Springs, CO	
Date of interview:	10/22/2012		
Interview mode: (Telephone or in person)	Telephone		

Police report? Yes x No Fire report?

None

Driver's Physical Description Name: Gender: Male 6'2" Height: Weight: 270

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?	x Yes	No	

Were there any other occupants in the vehicle at the time of the incident?

Disabilities:

	straint Systems / SIR		
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 App	licable)		
Name:	licable)	Name:	
Gender:		Gender:	
Height:		Height:	
Weight:		Weight:	
Age:		Age:	
Where were the other occup	ants seated?		
Trant Bayer Digit	t Front Con		
	t Front Cer		
	nt Rear Center	Left Rear Left Rear	
filld Row.	Center	Leit Real	
If the vehicle is a truck or a	car trailering cargo at the t	ime of the incident, estimate to	tal weight of cargo and (lbs)
trailer			7 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Load description:			
The state of the s			
any objects in the road?	x Yes No	(
yes, describe:	A truck		
		100	
oid vehicle leave the roadway	? Yes x No		
yes, what was impacted?			
		I Double - I I And the East	1 1 100
Vas there any evasive action?	Turning	Braking Accelerating	Other:
Road Surface:	Concrete x As	sphalt Gravel	Crushed Rock Dirt
Road Condition:	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		Other:
Shoulder/Curb Condition:			Other: Dirt
Select One>		urb Licy Li	Other.
Select Offe	X Shoulder Co	alb .	
Any unusual noises (bang, por	tick grinding metallic roar	etc.)?	x No
f Yes, from where?	, tick, gilliding, metallic, roar,	etc.):	A 140
res, nom where:			
Prior to or after the incident, w	ere there any warning lights o	on, or Yes	x No
messages displayed on the Dr		in, or	X 140
f Yes, what indicator?	iver 3 information center:		
r res, what maleutor:		- / - / - / - / - / - / - / - / - / - /	
Has this condition been observed	ed prior to this incident?	Yes x No	
f yes, how often?			
100000000000000000000000000000000000000			
Was the repair facility contacted	ed regarding this concern?	Yes No	
s an invoice for the repair ava	ilable?	Yes No	
f Yes, what was the outcome?		- 7 3-9 - 2 - 2 - 2 - 2	
Williams Committee and Committ	A company in the		
Additional comments conc	erning the incident: The vel	hicle had been operating normally	and no warning lamps were on or
observed.			
Cootion 2	VEUIC	I E LUCTORY	
Section 3		LE HISTORY	
	Obtain information for the	his section from Driver / Claim	ant
			Marine Jours Spaints of Marines Co.
		one other than the claimant, pro	vide the name, address, phone number
and relationship, if any, to th	e cialmant		
Name:			
Address:			
Phone number:			
Relationship to claimant:			

D000 D	entroint Ountries / OIF	/ Coot Balta Bastinsia	4 0f 13
	estraint Systems / SIR	R / Seat Belts Preliminar	·
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	vehiele new?	No	
Did the owner purchase the If yes, date of purchase?	vehicle new? x Yes 04/12/2012	INO	
If purchased used, provide the	he name, address of the seller a	and data of purchase:	
Name:	·		
Address:			
Date of purchase:			
VELUO: E DEDAID / 05D	\//05 0 7 05\/		
VEHICLE REPAIR / SER		c describe the renairs. Obtain cor	pies of the repair order(s) if possible, and
	ervice facility, its address, and t		nes of the repair order(s) if possible, and
Any repairs outside of warra	nty? Yes x No	٦	
	otions of the repair(s) and repair		
Date		air Description / By Whom?	
Prior electrical system service	ce? Yes x No]	
If yes, provide the following:			
Date		Description	
Drier collision remain?	Voc. W No.	1	
Prior collision repair? If yes, provide the following:	Yes X No		
Date		Description	
Prior SIR and/or seat belt se	ervice, repair, or replacement?	Yes x No	
If yes, provide the following:			
Date		Description	
VEHICLE MODIFICATION	NS / ALTERATIONS		
			uipment been installed? Remember that i
the vehicle has been pre-ow	ned, the current owner may not	know of any/all changes to the ve	∍hicle.
Remote Start	Suspension	Tires/Wheels Turbo	Aftermarket Exhaust
Body Modifications		Security Alarm Wiring	Headers
Unknown			
If yes, describe component, installed it, and capture phot			
motaneu it, and capture priot	US		
	ation fr <u>om interview, GM Warrar</u>		x Yes No
If Yes, describe & make cop			

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? f "No", describe:	x Yes	No				
How was download obtained?	x ALDL/DLC	Directl	y from module usi	ng adapter harne	ess w/ Bosch	CDR
f the download was obtained direct fremoved from the vehicle, descriphtained:					Yes d when the do	No No Nownload was
		To the size				
FRONT AREA: Describe <u>any dar</u> or penetrated the windshield, and t			erve and photogra	ph whether the h	lood is opene	d, if it contacted
Photos 10 and 18-41.						
LEFT SIDE EXTERIOR: Describe	any damage to the d	door(s) and othe	er body panels. De	etermine whether	any door ope	ened as a result

GM Confidential Version 2 Effective 3/23/2012

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 <u>any damage</u> 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.

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 <u>any damage</u> 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 <u>any damage</u> 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 <u>any damage</u> 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?

Yes
Yes

Х	No
Х	No

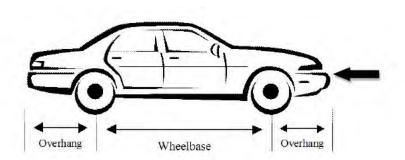
Identify and photograph the following (note the "non-struck" items):

- 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)?	x 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 Driver side front overhang Driver side rear overhang Passenger side wheelbase
Passenger side front overhang
Passenger side rear overhang

Maximum depth of crush (Inches):

Front	Driver's side	
Rear	Passenger's side	- (
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?	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?	Yes	X	No
Door hinges on struck side separated?	Yes	X	No

R006 Re	straint System	s / SIR /	Seat Relt	s Preliminary	8 of 1 Inspection v2.0
Customer's last name:	Straint Oystoni	<u> </u>		ion date:	10/23/2012
Vehicle brand:	Chevrolet		Year/M		2011 Sonic
Case #:	71-1115939706	1	VIN:		1G1JA6SH0C4
	7777770000700	•	7		1010/10011001
Damage to striker/latch syste	-m?			Yes	x No
Any rubber or paint transferred to the subject vehicle?					x No
Damage from extrication tools (e.g. jaws of life)?					
Separation of sheet metal ale		rs rocker n	anels etc \2	Yes Yes	
Side door beam damaged? (Photos if possible)	no, rookor pi	ariolo, oto	Yes	
Side beam welds separated				Yes	
Interior door trim damaged?	(1 Hotos II possible):			Yes	
Interior roof trim damaged ne	ear door opening?			Yes	
mionor roor imm damaged m	sar acor opermig.			100	A 110
Additional comments:					
Photograph the following: Hinges on non-struck side Latch/striker on non-struck sic Underbody, front & rear suspe Striking vehicle (If available)	ension	Door trim of Headliner Any other	vehicles invol	side non-struck side ved (if possible)	
-	otograph the side vi				interior, and deployed airbags)
Interior reduced in size?		Yes	x No	Where:	
Intrusion by an external obje	ct?	Yes	x No	Describe:	
Loose objects inside?		Yes	x No	Describe:	
Cowl deformed?		Yes	x No	Describe:	
Floorpan / Toepan deformed		Yes	x No	Describe:	
Headliner / visors damaged?		Yes	x No	Describe:	
Inside rear-view mirror dama	iged	Yes	x No	Describe:	
Door trim damaged?		Yes	x No	Describe:	
Steering column displaced?		Yes	x No	Describe:	
Steering column capsule bra		Yes	x No	Describe:	
Control knobs/ levers damag		Yes	x No	Describe:	
Accelerator/brake pedals de	formed?	Yes	x No	Describe:	
Instrument panel damaged?	10	Yes	x No	Describe:	
Lower IP/Kneed bolster dam	aged?	Yes	x No	Describe:	
If any of the following are "\	/ac" conture photo	aranha			
Driver front airbag deployed		Yes	x No	Describe:	
Passenger front airbag deployed		Yes	x No	Describe:	
Driver side airbag deployed?		Yes	x No	Describe:	
Passenger side airbag deplo		Yes	x No	Describe:	
Driver roof rail airbag deploy		Yes	x No	Describe:	
Passenger roof rail airbag deploy		Yes	x No	Describe:	
Other? (pretensioners, etc.)	epioyeu?			Other:	
Other? (pretensioners, etc.)		Yes	x No	Other.	
Windshield (W/S) damaged? If Yes? W/S separated from vehicle? Steering wheel damaged? If Yes:			Broken (Top i % (App		Damaged by occupant contact te % of perimeter separation
If yes, describe?	18111	iuu			
ii yoo, describe!					
If applicable, indicate the "cloo	ck" position of damag	e to the stee	ering wheel:	o'clock	

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

Customer's last name:	Contain Systems / Sil	R / Seat Belts Prelimina Inspection date:	10/23/2012
Vehicle brand:	Chevrolet	Year/Model:	2011 Sonic
Case #:	71-1115939706	VIN:	1G1JA6SH0C4
ilt steering wheel? yes, position?	Yes No Med	High	
elescoping steering wheel yes, position?	? Yes No Middl	e Rearward	
	ANSFER MARKS PRESENT O tt (clothing, makeup, etc.)?	N THE STEERING WHEEL, PHO	OTOGRAPH THEM
	t and conduct a more extensive	eign objects and water intrusion the examination of the area. Descri	nat could damage the module or its wiring be findings and photograph.
EAT INSPECTION (Photo	graph damaged areas)		
ype of front seat?	Bucket Bench	50/50 Split Bench	50/40 Split Bench
RIVER'S SEAT INFORMA	ATION		
eat damage?	Yes	x No	
Yes, location?	Seat bottom	Backrest Headre	est
eatback struck by rear occ	upant? Yes	No	
yes, describe:			
RIGHT FRONT PASSENGE			
eat damage?	Yes	x No	 (
Yes, location?	Seat bottom	Backrest Headre	est
eatback struck by rear occ	upant? Yes	No	
yes, describe:			
dditional info consuling so			
dditional info regarding se amage (Front or rear):	at		
INDOW INSPECTION	1		
ote all window conditions:			
SECTE AINT CVCTEM	INSPECTION		
RESTRAINT SYSTEM			1.44
		s" from the on-board compu	ter(s)
	ioners activated / deployed?	Yes X No	
Alleged", SIR Unit(s):	timer 2	marz.	
Driver front	x Passenger front	x Driver side (door/seat)	x Passenger side (door/seat)
Driver knee bag	x Passenger knee bag	x Roof rail airbag(s)	Other:
Driver pretensioner	x Passenger pretensioner		

Actual Deployed SIR(s):

					10 of 13
	straint Systems / S				
Customer's last name:		Inspectio		10/23/2012	
Vehicle brand:	Chevrolet	Year/Mod	del:	2011 Sonic	
Case #:	71-1115939706	VIN:		1G1JA6SH0C4	
Driver front	Passenger front	Driver side	(door/seat)	Passenger side (do	or /seat)
Driver knee bag	Passenger knee bag	Roof rail air	rbag(s)	Other:	
Driver Pretensioner	Passenger Pretensione	ar			
INSPECT SIR WIRING and SIR wiring damaged? SIR sensors damaged / discord If any airbag(s) deployed Driver front airbag Bag material cut / torn?	yes x Yes was it the:	x No Des Des	cribe: cribe: Disconne	ected by impact (photos 3	.7-39)
Transfer marks present (make Passenger front airbag	up, clothing, etc.)	Yes X No	Describe:		
Bag material cut / torn? Transfer marks present (make	up, clothing, etc.)	Yes X No Yes X No	Describe:		
Driver side airbag Bag material cut / torn? Transfer marks present (make	up, clothing, etc.)	Yes X No Yes X No	Describe:		
Passenger side airbag Bag material cut / torn? Transfer marks present (make	up, clothing, etc.)	Yes X No Yes X No	Describe:		
Roof rail airbag Bag material cut / torn? Transfer marks present (make	up, clothing, etc.)	Yes X No Yes X No	Describe:		
ALLEGATION THAT FRONT	PASSENGER AIRBAG "	DID NOT DEPLOY" I	N A COLLISION		
Complete this section if the MY2007 NHTSA required all this feature prior to MY2007 evaluating those concerns.	customer alleges the FR vehicles to be equipped	RONT PASSENGER ail with a Passenger Pr	rbag <u>did not de</u> esence System	eploy in a collision. (Eff .) Many vehicles were	equipped with
If transfer marks are present, p	olease provide:	Age	Height (feet & inches)	Weight (lbs)
Note: For details on the from	nt passenger's physical	description, please re	efer to Section	2.	
Record and photograph the pa Seat track position: Measure the moveable track p track at the front. Is the track to Photograph the measurement.	Inches osition in relation to the storward of, or back from the	tationary base of the	Forwa	rd of Back from	n
Driver seat position and its dis	tance 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"? Sit in the passenger seat and observe the status indicator. Is the passenger airbag system "ON"

	Yes			Χ	Ν	0	
?	X	,	Yes			Ν	o

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

	Yes
Χ	Yes

Describe any other results: Impact sensor were disconnected at time of inspection

Turn on ignition, observe seat belt light. On? Buckle driver's seat belt. Seat belt light on?





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?

x Yes



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 If "No", describe:	e? x Yes	No
How was download obtained?	x ALDL / DLC	Directly from module using adapter harness w/ Bosch CDR
		the module removed from the vehicle? Yes No ions under which the module was mounted when the download was

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	OR S	SEAT BELT(S) POSITIONS OF ALL OCCUPAN
AT THE TIME OF COLLISION.		
Location of inspected seatbelts:		
x Driver Center front x Passenger		
Driver's side rear Center rear Right rear	Thir	ird Row
Photograph: The overall belt assembly (both outboard positions, even if only thincident). All visible components of the seat belt system and anchor points	e dri	river was present in the vehicle at the time of the
	No	
NOTE: Answer the following questions for the driver's seat belt. If other seat be to report inspection results. Identify and photograph the following items:	lt po	ositions are inspected, use the seat belt addendu
Is the driver's seatbelt fully retracted? X 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	nd photos of the damage.
Does the webbing spool in and out freely (minimal effort)?	X	
Marks, cuts or debris present on shoulder and lap belt webbing?		Yes x No
Webbing energy management loops (if equipped) - stitches pulled free, unfolded, replacement/warning label exposed?		Yes X No
Tack stitch separated from plastic sleeve?		Yes x No
Webbing cut?		Yes x No
Does guide loop assembly exhibit striations, bent, or deformed?		Yes x No
Does guide loop adjuster move up and down (if equipped)?		Yes No
Does the seat belt buckle latch and unlatch?	X	
Does the seat belt return to the stowed position when unbuckled?	Х	
Buckle condition (worn or foreign material present)? Any components missing?		Yes x No x No
Does the seat belt return to the stowed position when unbuckled?	· ·	
Any post-collision damage present (e.g. rescue workers)?	Х	Yes No x No
Is the seat belt webbing cut? (If yes, photograph and record length of pieces):	<u> </u>	Inches
is the seat belt webbing cut: (ii yes, photograph and record length of pieces).		
NOTE: If there were occupants in other seating positions, inspect those se belt addendum. Include it with your report.	atin	ng positions and report the results on the sea
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?		x Yes No
If No, describe:		
If vehicle is not drivable, jerk each belt inspected rapidly. (Note: Some inertia active retractors will not lock on this test.) Did the retractors lock? If No , which belts do	vate	x Yes No
not lock/hold?		

GM Confidential Version 2 Effective 3/23/2012

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 instance	ces 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 p	erformed? Yes x No
Comments?	
Posted speed where the SITE INSPECTION: P	e incident occurred? (mph) ERFORM THE FOLLOWING IF ADDITIONAL INFORMATION MAY BE FOUND:
	er can identify the incident scene and verify tire marks, gouges in the pavement, debris, or any at the scene, measure location of the items and photograph.
Identify evider locations, dist	nce of whether the vehicle left the road prior to, during, or after the incident. Document all ances, etc
Identify evider incident.	nce & photograph any object struck by the vehicle on or off the road prior to, during, or after
	ay & shoulder surfaces in the area of the incident site for telltale signs of loss of control, ed, severe braking, etc.
Photograph the scene	e and any property involved. Only factual comments should be entered in this section:
Section 6	COMMENT OVERFLOW
	for additional comments from the inspection form. Please note the section and area that the comments rior to each comment.
Section 7	OTHER REPORT INFORMATION
According to term also inc smouldering	there was evidence of a "Fire-Related" event. NHTSA, "fire" means combustion or burning of material in or from a vehicle as evidenced by flame. The ludes, but is not limited to, thermal events and fire-related phenomena such as smoke, sparks or but does not include events and phenomena associated with a normally functioning vehicle, such as of fuel within an engine or exhaust from an engine.
Attachments: (Check	all that apply)
x Photographs	x Data Downloads x Other Records



rod.gasperik@gm.com 11/02/2012 01:53 PM

To faith_jackson@gmexpert.com

СС

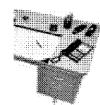
bcc

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.

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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.

2012 Chevrolet Cruze 1G1PC5SH1C7

Dealership, City, State (BAC) no dlr involved Dealership Contact, Title/Position

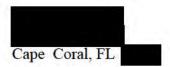
This is only a notification. No action is required on your part at this time.

Best wishes, Dalia Rangel I CRS

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Phone: 866-790-5600 ext. 11350 Fax: 866-480-3628 www.minacs.adityabirla.com

September 18, 2013



Service request: 71-1122716517

Vehicle Identification Number: 1G1JB5SH6C

Customer Relationship Specialist: Kellin

Dear Ms.

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



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.

2012 Chevrolet Sonic

1G1JB5SH6C4

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

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To domingo.p.garcia@gm.com

СС

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 2012 Chevrolet Sonic 1G1JC5SH9C4 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

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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 I CRS

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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

СС

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.

2012 Chevrolet Cruze 1G1PC5SH7C No dealer involvement

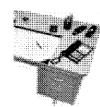
This is only a notification. No action is required on your part at this time.

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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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

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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	1G1PF5SC2C7	
User		
Case Number	71-1131644033	
EDR Data Imaging Date	12/07/2012	
Crash Date	11/27/2012	
Filename	1G1PF5SC2C7 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 Eve nts. 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 Ve locity 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. Veloci ty Change and Acceleration data are displayed in SAE sign convention.

For Rollover Events, the SDM may record Lateral Acceleration, Vert ical 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 Record ed 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 e vent 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 fac tors, 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 Invali d" 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 Av ailable" if:
 - -No data is received from the module sending the pre -crash data
- -Belt Switch Circuit Status indicates the status of the seat belt s witch circuit.
- -The ignition cycle counter will increment when the power mode cycl es from OFF/Accessory to RUN. Applying and removing of battery power to the module will not increment the ignition cyc le 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 th at have occurred during the SDM's lifetime.
- -Event Counter tracks the number of qualified events (either Deploy ments, Non-deploy, or Rollover events) that have occurred during the SDM's lifetime.
- -The Time Zero to Deployment Command Criteria Met times for the fol lowing 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 B 0052 (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.
- -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 internal ly, 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

Printed on: Friday, December 7 2012 at 12:20:47





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
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)

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	138
Recorded Vehicle Velocity Change)(msec)	130
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

Printed on: Friday, December 7 2012 at 12:20:47





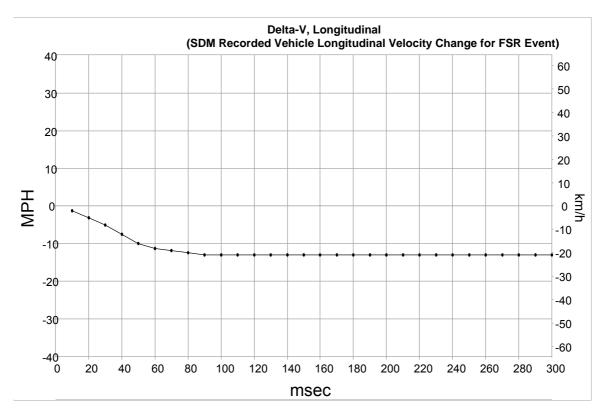
Event Data (Event Record 1)

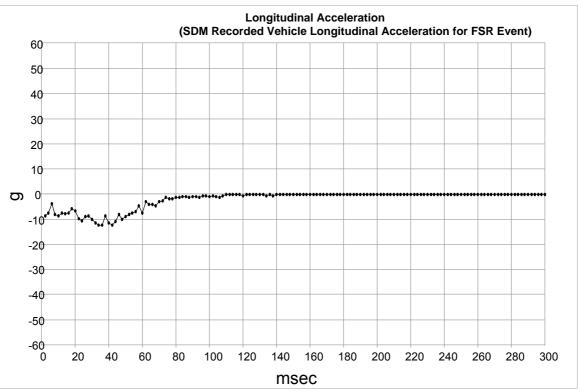
Event Data (Event Record 1)	
Driver 1st Stage Deployment Loop Commanded	No
Passenger 1st Stage Deployment Loop Commanded	No
Driver 2nd Stage Deployment Loop Commanded	No
Passenger 2nd Stage Deployment Loop Commanded	No
Driver Pretensioner Deployment Loop #1 Commanded	No
Passenger Pretensioner Deployment 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)	Data Not Available
(msec)	
Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger	Date Nat Aveilable
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	Data Not Available
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	Data Not Available
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	Data Not Available
Criteria Met) (msec)	





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





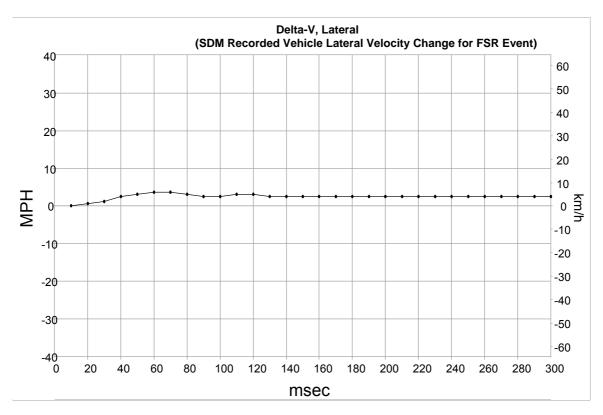
Longitudinal Crash Pulse (Event Record 1)

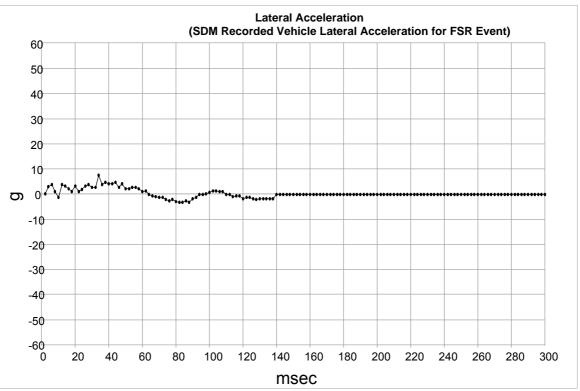
Time	Longitudinal	Time	Longitudinal	Time	Longitudinal
(msec)	Acceleration	(msec)	Acceleration	(msec)	Acceleration
	(SDM Recorded Vehicle		(SDM Recorded Vehicle		(SDM Recorded Vehicle
	Longitudinal		Longitudinal		Longitudinal
	Acceleration for FSR		Acceleration for FSR		Acceleration for FSR
	Event) (g)	400	Event) (g)	000	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 14	-7.4 -7.8	112 114	-0.2 -0.2	212 214	-0.2 -0.2
16	-7.4	116	-0.2	214	-0.2
18	-7.4	118	-0.2	218	-0.2
20	-6.6	120	-0.2	220	-0.2
22	-9.8	120	-0.0	222	-0.2
24	-10.6	124	-0.2	224	-0.2
26	-10.0	124	-0.2	224	-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)

Latera	i Crash Pulse (Evel	nt Reco	ora 1)		
Time (msec)	Lateral Acceleration (SDM Recorded Vehicle	Time (msec)	Lateral Acceleration (SDM Recorded Vehicle	Time (msec)	Lateral Acceleration (SDM Recorded Vehicle
(111000)	Lateral Acceleration for	(Lateral Acceleration for	(655)	Lateral Acceleration for
	FSR Event) (g)		FSR Event) (g)		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	128 130	-2.2	228	-0.2
30	2.6	132	-1.8 -1.8	230	-0.2 -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 88	-2.6	186 188	-0.2 -0.2	286	-0.2
90	-3.4 -1.8	190	-0.2	288 290	-0.2 -0.2
90	-1.8	190	-0.2	290	-0.2
92	-1.4	192	-0.2	292	-0.2
96	-0.2	194	-0.2	294	-0.2
98	0.2	198	-0.2	298	-0.2
100	0.6	200	-0.2	300	-0.2
100	0.0		-0.2		-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	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	Position)	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.

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FF FD 06 7C 00 00 00
DPID $35
78 00 00 00 00 00 00
DID $01
41 55 32 35 37 37 45 30 31 35 42 46 43 39 44 42
DID $03
41 54 32 35 37 37 45 30 31 35 42 46 45 33 31 35
41 48 32 35 37 37 45 30 31 35 42 42 44 34 31 34
DID $07
41 4A 32 35 37 37 45 30 31 35 43 31 38 34 33 44
44 41 34 39 33 36 45 30 31 35 43 33 31 30 43 39
DID $0B
44 42 34 39 33 36 45 30 31 35 43 33 35 34 42 39
DID $0D
30 30 30 30 30 30 45 30 30 30 30 30 30 30 30
DID $30
00 00 01 00
31 47 31 50 46 35 53 43 32 43 37 32 38 31 35 37 37
DID $9A
04 01
DID $B4
41 53 34 39 30 34 45 30 35 30 31 38 37 35 35 32
DID $C1
00 CF 4A 09
DID $C2
05 B7 AA FA
DID $C3
00 CF 2D 7D
DID $CB
00 CF 4A 08
DID $31
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0020 0030	4C 07	FC 07	FC 07	F0 07	00 07	00 07	C0 07	10 07	00	07 00
0040	00	00	00	00	00	19	19	19	19	19
0050	19	19	19	19	19	06	BF	06	BF	06
0060 0070	BF 13	06 13	BE 12	12 37	13 37	13 37	13 37	13 38	13 38	13 38
0070	38	38	39	00	FF	FD	00	09	FD	00
0090	00	00	00	00	00	00	00	00	00	00
0100 0110	00	00	00	00	00	00	00 6A	00 45	00 86	00 20
0120	FF	7D	7F							
0130 0140	7A	80	77 CD	81	73 6A	83 83	6F	84	6D	85
0140	6C 6A	85 84	6B 6A	84 83	6A	83	6A 6A	83 83	6A 6A	84 83
0160	6A	83								
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0200	6C	88	6D	85	71	82	6F	88	67	82
0210 0220	65 61	84 92	69 61	88 89	6A 6A	89 8B	66 63	86 8A	63 61	86 8A
0230	64	8B	6B	86	66	8A	69	85	6B	85
0240	6D	86	6E	86	74	85	6D	82	78	83
0250 0260	75 7C	7F 7A	75 7B	7E 79	74 7B	7D 7A	78 7C	7C 78	79 7C	7C 77
0270	7D	77	7D	79	7C	77	7D	7B	7D	7C
0280	7C	7F	7E	7F	7E	80	7D	81	7E	83
0290 0300	7D 7F	83 7D	7C 7F	82 7E	7E 7F	82 7E	7F 7E	7F 7B	7F 7F	7F 7C
0310	7F	7C	7F	7в	7F	7A	7F	7в	7F	7в
0320 0330	7E 7F	7B 7F	7F 7F	7B 7F	7E 7F	7B 7F	7F 7F	7F 7F	7F 7F	7F 7F
0340	7F									
0350	7F									
0360 0370	7F 7F									
0370	7F									
0390	7F									
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0500	7F									
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0600	7F									
0610	7F									
0620 0630	7F 7F									
0030	/ F	/ F	/ F	/ F	/ F	/ F	/ F	/ F	/ F	/ F





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0860	20	00	00	00	20	00	00	00	FF	FF
0870	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0880	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0890	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
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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:

Customer City: Copperas Cove

Customer State: TX
Customer Zip Code

Customer Work Phone : Customer Cell Phone :

Vehicle Information:

VIN: 1G1PF5SC2C7

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

СС

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): J	eff Torrieri
Number of photos: 63	

Section 1. Description

Photo #	<u>Description Only</u>	<u>Damage</u> (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 ¾ 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	<u>Damage</u> (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 #	<u>Description / Photo</u>	Damage (Yes/No)
71-1131644033-1	Vin Plate GIPF 5 S C 2 C	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

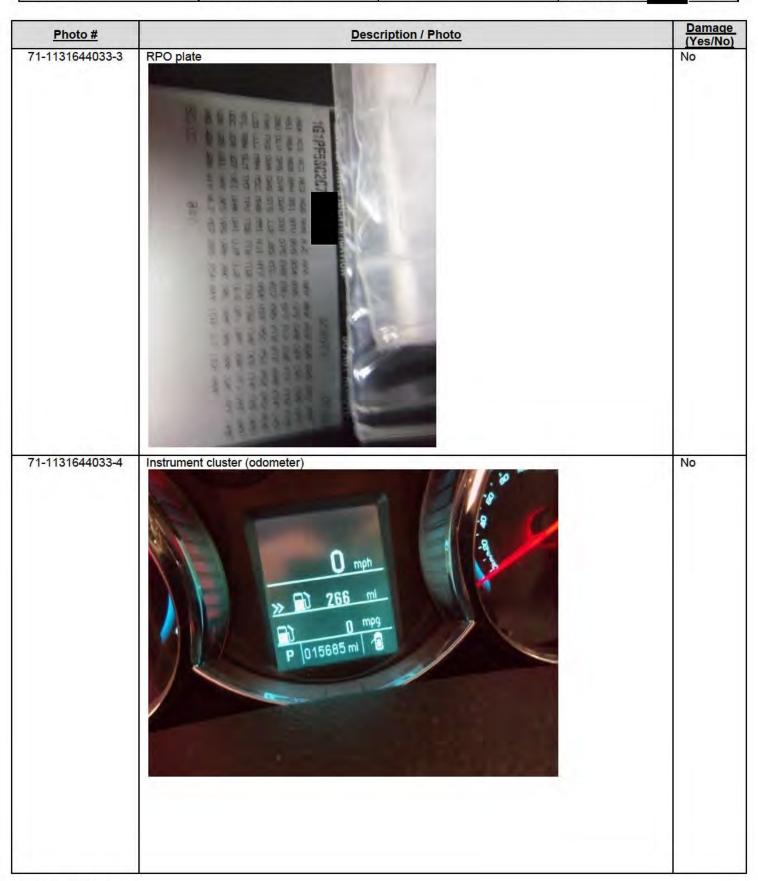


Photo Log & Photos for Preliminary Inspection			
Customer's last name:		Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7

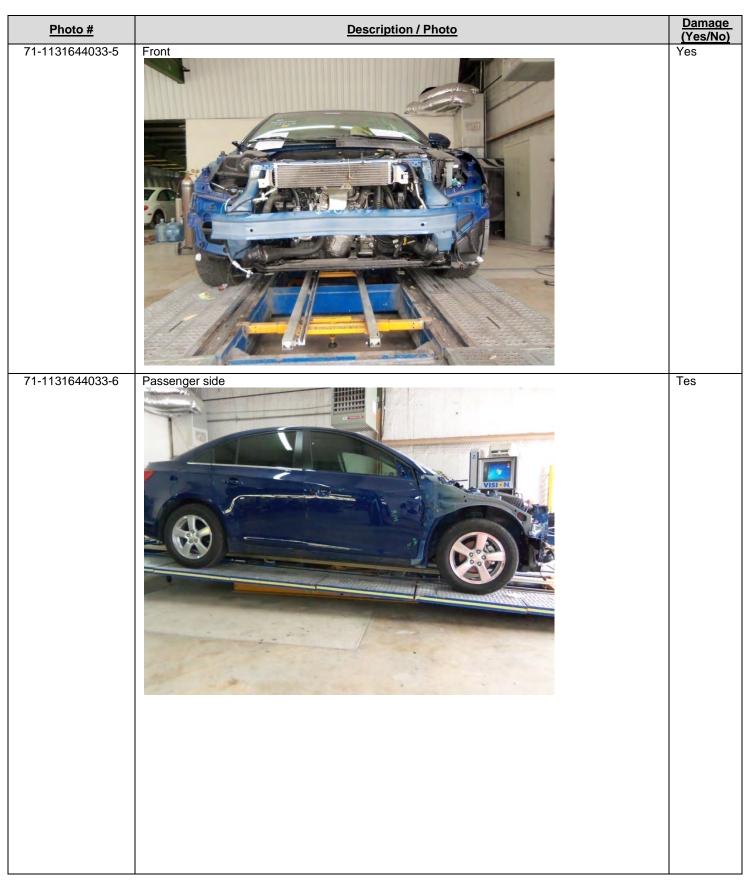


Photo Log & Photos for Preliminary Inspection				
Customer's last name:				
		Year/Model:	2012 Cruz	
File case #:	71-1131644033	VIN:	1G1PF5SC2C7	



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

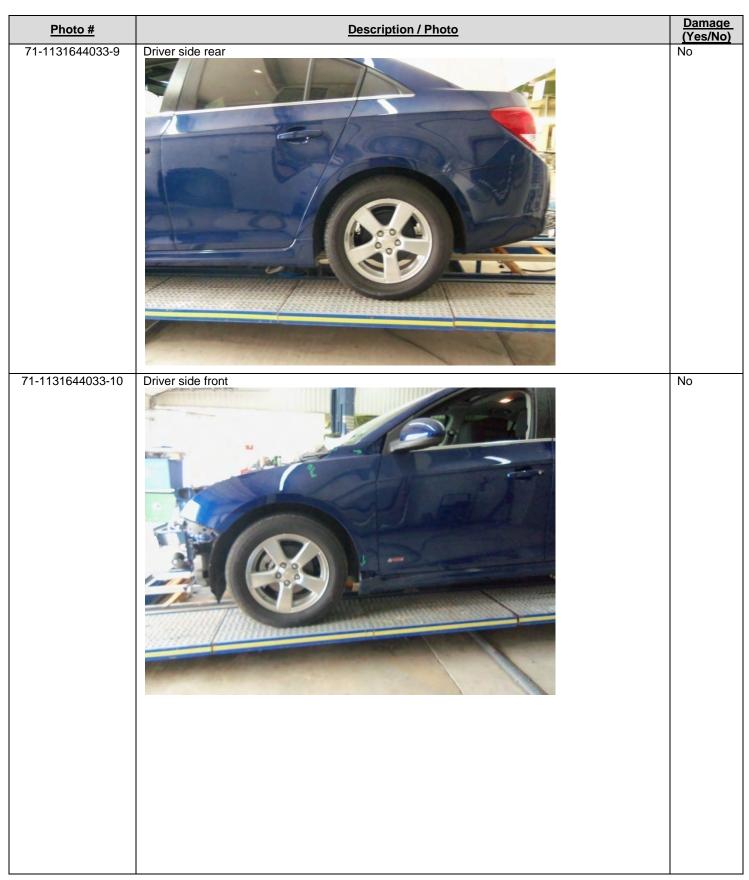


Photo Log & Photos for Preliminary Inspection			
Customer's last name:		Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7

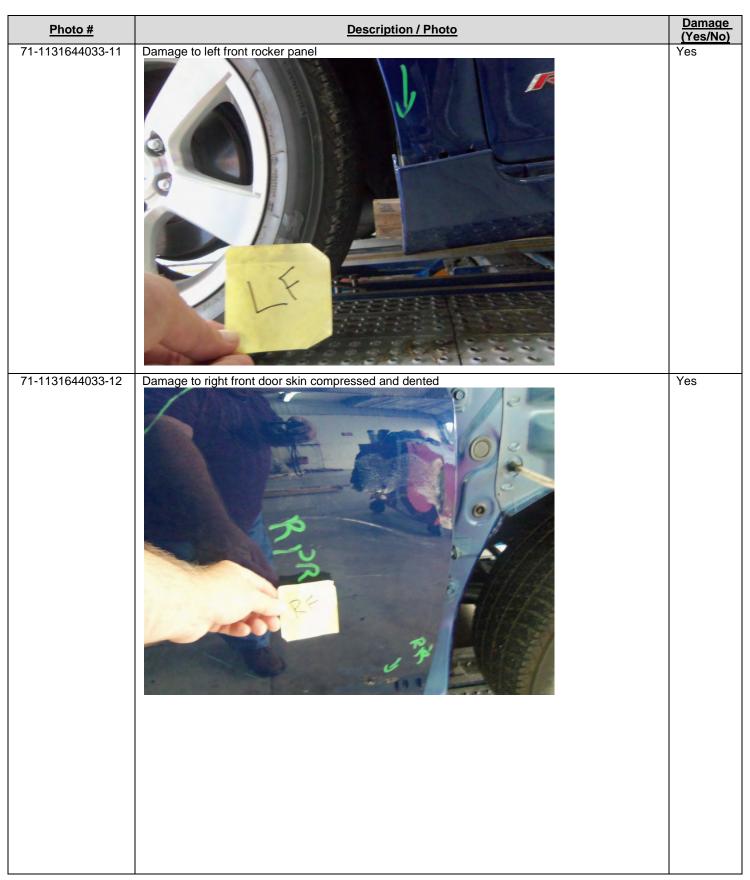


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Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7

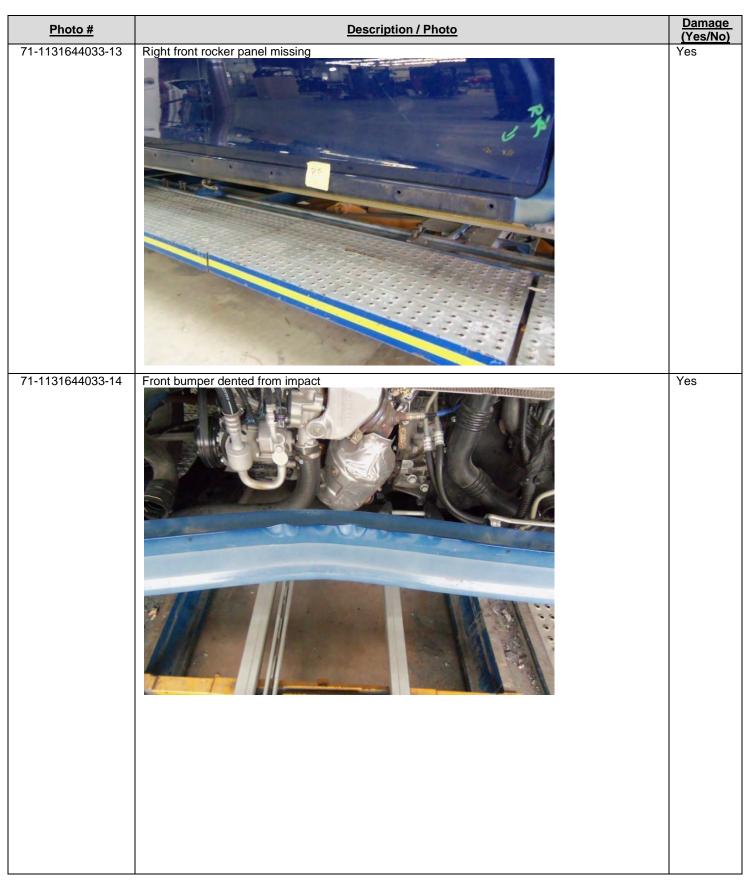


Photo Log & Photos for Preliminary Inspection				
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Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz	
File case #:	71-1131644033	VIN:	1G1PF5SC2C7	



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Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz	
File case #:	71-1131644033	VIN:	1G1PF5SC2C7	



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Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz	
File case #:	71-1131644033	VIN:	1G1PF5SC2C7	

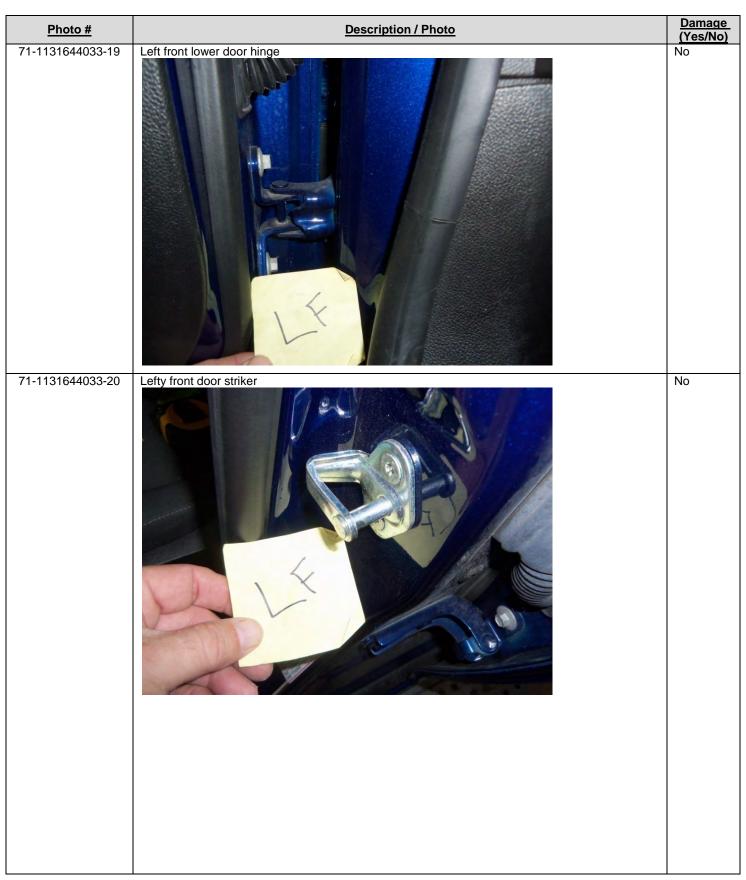


Photo Log & Photos for Preliminary Inspection			
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Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7



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 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 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 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 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 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 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 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 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 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 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 #	<u>Description / Photo</u>	<u>Damage</u> (Yes/No)
71-1131644033-43	Passenger presence showing on/; seatbelt light off with passenger seated and seat belt buckled PASSENGER AIR BAG ON ON ON ON ON ON ON ON ON O	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:				
	Chevrolet	Year/Model:	2012 Cruz	
File case #:	71-1131644033	VIN:	1G1PF5SC2C7	

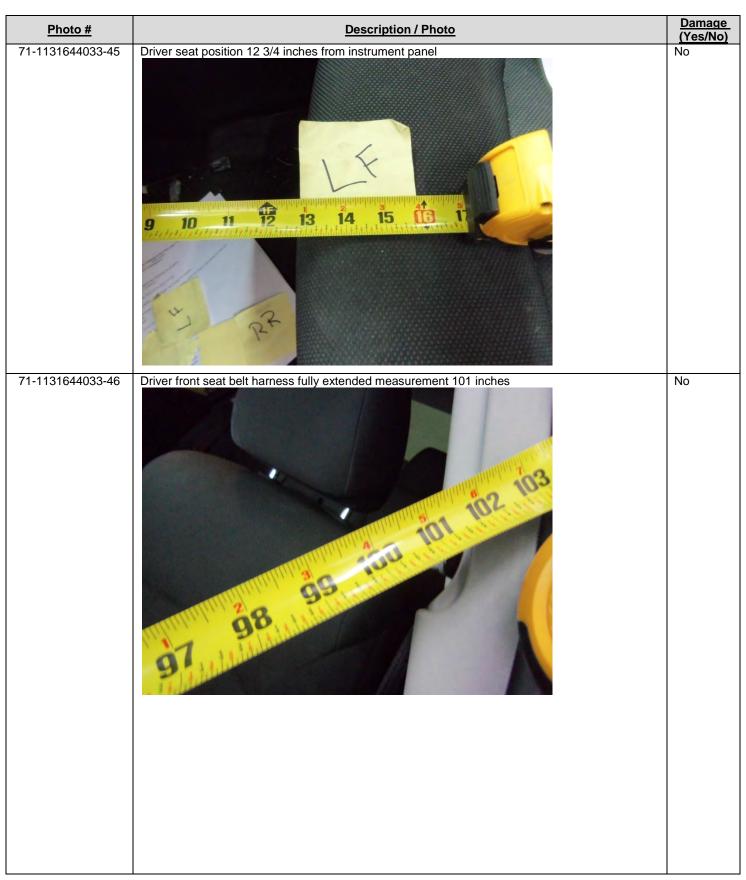


Photo Log & Photos for Preliminary Inspection			
Customer's last name: Inspection date: 12/07/2012			
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C



Photo 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 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

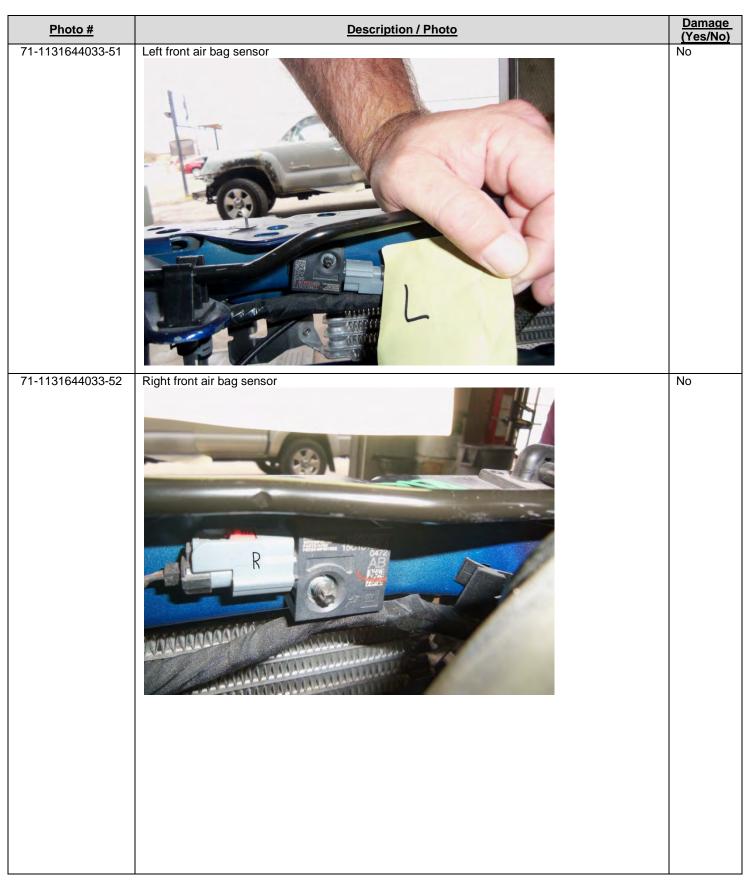


	Photo Log & Phot	os for Preliminary Inspecti	on
Customer's last name:		Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C

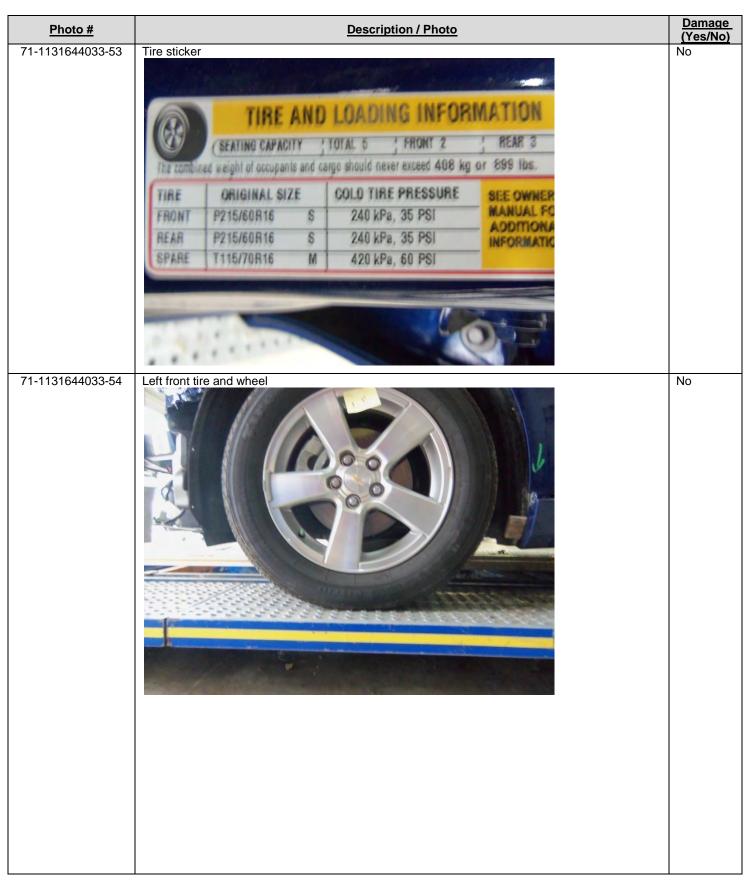


	Photo Log & Photos fo	r Preliminary Inspection	
Customer's last name:		Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7

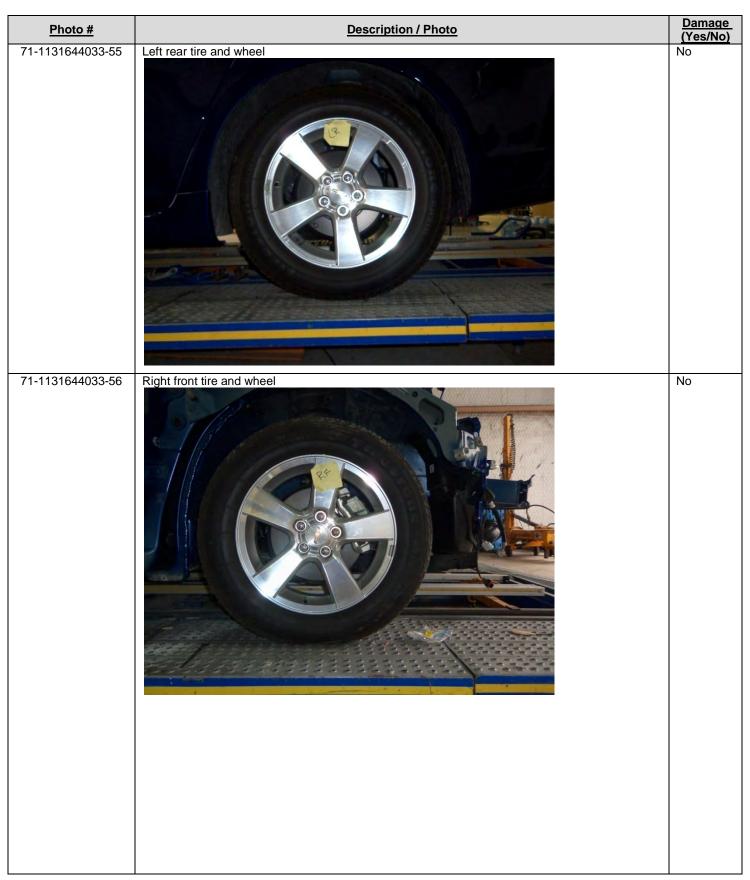


	Photo Log & Photos fo	r Preliminary Inspection	
Customer's last name:		Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7

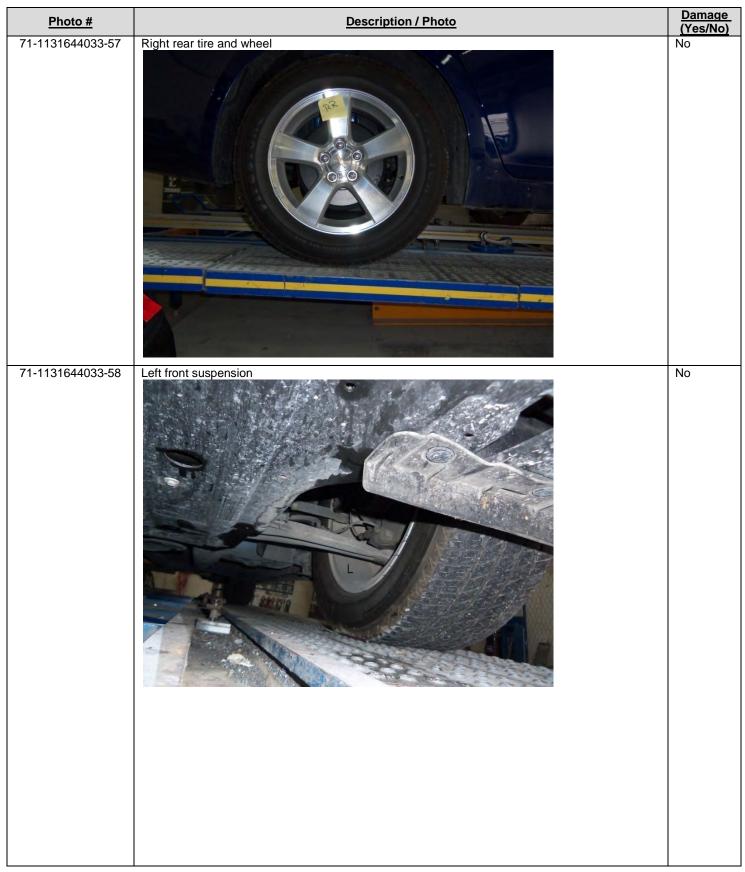


	Photo Log & Pho	tos for Preliminary Inspect	ion
Customer's last name:			
	Chevrolet	Year/Model:	2012 Cruz
File case #:	71-1131644033	VIN:	1G1PF5SC2C7

Photo #	Description / Photo	<u>Damage</u> (Yes/No)
71-1131644033-59	Right front suspension	No
71-1131644033-60	Center front under carriage and exhaust	No

	Photo Log & Photos fo	r 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 Log & Photos fo	r 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	<u>Damage</u> (Yes/No)
71-1131644033-63	Right rear suspension	No

Customer's last name: Vehicle brand: Case #: Mileage at inspection: Inspected by:	Chevrolet 71-1131644033	Inspection date: Year/Model:	12/07/2012 2012 Cruze
Mileage at inspection: Inspected by:			
Inspected by:		VIN:	1G1PF5SC7
Inspected by:	15 695 miles	Inconcetion Inaction: Des	a Line Auto Collision
	15,685 miles Jeff Torrieri	Inspection location: Pac	e Line Auto Collision 190, Copperas Cove, TX 76522
Inspector's phone number:	817-312-5411	Address. 2014 E flwy.	190, Copperas Cove, 1A 76022
riopodioi o priorio riarribor.	1011 012 0111		
/as a dealer technician used? Yes, number of hours?	Yes x N	0	Number of photos 63
possible, document the RO no	umber: N/A		Number of DTCs N/A
aximum vehicle speed taken t			
id CDR detect a rollover event		0	
Section 1	INSPECTION	ON SUMMARY	
Provide driver/claimant's co	mnlete description of incident	t Do not paraphrase the cus	tomer's words. This is a very
mportant section of the rep		i. Do not parapinase the cus	tollier's words. This is a very
important occitor of the rep	on.		
			le was travelling eastbound on US 190
and entered the center turn lar	ne to make a left turn. When the	driver of the eastbound vehic	le turned, she turned directly in front of
			other vehicle. The claimant further state
			it to leave the roadway and come to sto
	t stated sne was able to maneuv uring the incident. Additionally, t		ay also. The claimant questions why the
ariver all bag did not deploy di	uring the incident. Additionally, t	The Claimant Stated Sile receive	ad no injunes nom the incident.
OTE: FOR ALLEGATIONS C	F AN INADVERTENT DEPLOY	MENT WITH NO COLLISION	COMPLETE THE INADVERTENT
IRBAG DEPLOYMENT INSPE	ECTION FORM.		
	ag did not deploy and the claima	ant states that it should have)	
x Front Side	Other		
Inadvertent deployment wit	th a collision, (the claimant state	s that the airbag deployed wh	en it should not have)
Front Side	Other	s that the allbag deployed will	errit silouid flot flave)
T Total	Garer		
Improper deployment (e.g.	the claimant states that the airb	ag deployed late or only partia	ally)
Front Side	Other		202
Deployment-induced injury	in a collision (the claimant state	es the deployment of the airba	g caused an injury)
Other Describe:			
None: seat belt - related a	llegation only		
None. Seat Delt - Telated a	negation only		
escribe the seat belt related	allegation below:		
Non activation (the claim	ant states that the seat helt did	not rootrain an occupant and i	t should have)
	nant states that the seat belt did ant states the seat belt system of		t stioulu flave)
Other Describe:	an states the seat ben system	oudood an injury/	
2,21512 - 250030517			
x None: SIR - related alleg	gation only		
river seatbelt pretensioner o	denloyed?	v No	
assenger seatbelt pretension		x No	
accorder Seament Presensio	iloi depioyedi 185	A INO	
Following the inspection, su	mmarize the facts and observ	vations:	
	DTCs because no scan tool was		
	the time of the incident was the the crush damage as all front s		An Alvanor Programme A

Customer's last name:		Inspection date:	12/07/2012
ehicle brand:	Chevrolet	Year/Model:	2012 Cruze
ase #:	71-1131644033	VIN:	1G1PF5SC7
A police report was not a	sensors are intact (see photos available. ployment event (report attache		
ection 2	INTERVIE	W - INCIDENT DETAILS	s
terviewee name:			
ddress:		Copperas Cove, TX	
hone number:			
ate of interview:	12/06/2012		
terview mode: (Telephone			
ve report? iver's Physical Description lame:	Yes No x No	Driver's Trip Informatio	on tance Driver's Estimated Speed
Sender: Female		10 3 r	niles 40 mph
leight: 5 ft 5 in			
Veight: 165 lbs			
Disabilities: None			
xact incident location: U	JS HWY 190 W at Ave R	Exact incident date &	time: 11/27/2012 @ 4:30 p.m.
leather condition & visib		Approximate temp (°F	
ccupant's Information (If Ap	onts in the vehicle at the time of opticable)	Name:	
Gender:		Gender:	
eight:		Height:	
/eight:		Weight:	
ge:		Age:	
nere were the other occu	pants seated?	Age.	
		ntor 1	
	ght Front Front Center Center	Left Rear	
	ght Rear Center	Left Rear	
the vehicle is a truck or		time of the incident, estimate to	otal weight of cargo and (lbs)
railer	THE RESERVE OF THE PARTY OF		
.oad description:			
y objects in the road? /es, describe:	Yes x No		
d vehicle leave the roadwa yes, what was impacted?	y? Yes x No	Ì	
as there any evasive action	n? Turning	Braking Accelerating	Other:
Road Surface: Road Condition: M Confidential	x Concrete As W	sphalt Gravel let Icy	Crushed Rock Dir Other:

The second secon	straint Systems / SIR	/ Seat Belts Preliminary	
Customer's last name:		Inspection date:	12/07/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1131644033	VIN:	1G1PF5SC7
		- 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	
Shoulder/Curb Condition:	x Dry We	et Icy Ot	her: Dirt
Select One>	x Shoulder Cu		
ocioat one	X CHOUNCE		
million of the same of	n tial amedian matallia can	ata 10	y I No. 1
	p, tick, grinding, metallic, roar,	etc.)?	x No
Yes, from where?			
			A
	ere there any warning lights of	n, or Yes	x No
nessages displayed on the Di	river's Information Center?		
Yes, what indicator?			
as this condition been obser	ved prior to this incident?	Yes x No	
yes, how often?			
· · · · · · · · · · · · · · · · · · ·			
as the repair facility contact	ed regarding this concern?	Yes No	
an invoice for the repair ava		Yes No	
Yes, what was the outcome		103	
1 63, What was the outcome			
Additional same	orning the incident		
Additional comments cond	erning the incident:		
	1751116		
Section 3	VEHIC	LE HISTORY	
any information for this se	Obtain information for the	nis section from Driver / Claiman	nt de the name, address, phone numb
any information for this se nd relationship, if any, to the	Obtain information for the	nis section from Driver / Claiman	
any information for this se nd relationship, if any, to tl Name:	Obtain information for the	nis section from Driver / Claiman	
any information for this se nd relationship, if any, to the Name: Address:	Obtain information for the	nis section from Driver / Claiman	
any information for this send relationship, if any, to the Name: Address: Phone number:	Obtain information for the	nis section from Driver / Claiman	
any information for this send relationship, if any, to the Name: Address: Phone number: Relationship to claimant:	Obtain information for the	nis section from Driver / Claiman	
any information for this send relationship, if any, to the Name: Address: Phone number: Relationship to claimant:	Obtain information for the ection is obtained from anyone claimant	nis section from Driver / Claiman ne other than the claimant, provid	
any information for this send relationship, if any, to the Name: Address: Phone number: Relationship to claimant:	Obtain information for the ection is obtained from anyone claimant	nis section from Driver / Claiman	
any information for this send relationship, if any, to the Name: Address: Phone number: Relationship to claimant:	Obtain information for the ection is obtained from anyone claimant	nis section from Driver / Claiman ne other than the claimant, provid	
any information for this send relationship, if any, to the Name: Address: Phone number: Relationship to claimant:	Obtain information for the ection is obtained from anyone claimant	nis section from Driver / Claiman ne other than the claimant, provid	
any information for this send relationship, if any, to the Name: Address: Phone number: Relationship to claimant: id the owner purchase the veryes, date of purchase?	Obtain information for the ection is obtained from anyone claimant	nis section from Driver / Claiman ne other than the claimant, provid	
any information for this send relationship, if any, to the Name: Address: Phone number: Relationship to claimant: id the owner purchase the veryes, date of purchase? purchased used, provide the	Obtain information for the ection is obtained from anyone claimant ehicle new?	nis section from Driver / Claiman ne other than the claimant, provid	
any information for this send relationship, if any, to the Name: Address: Phone number: Relationship to claimant: id the owner purchase the veryes, date of purchase? purchased used, provide the Name:	Obtain information for the ection is obtained from anyone claimant ehicle new?	nis section from Driver / Claiman ne other than the claimant, provid	
any information for this send relationship, if any, to the Name: Address: Phone number: Relationship to claimant: id the owner purchase the veryes, date of purchase? purchased used, provide the Name: Address:	Obtain information for the ection is obtained from anyone claimant ehicle new?	nis section from Driver / Claiman ne other than the claimant, provid	
any information for this send relationship, if any, to the Name: Address: Phone number: Relationship to claimant: In the owner purchase the veryes, date of purchase? Purchased used, provide the Name: Address:	Obtain information for the ection is obtained from anyone claimant ehicle new?	nis section from Driver / Claiman ne other than the claimant, provid	
any information for this send relationship, if any, to the Name: Address: Phone number: Relationship to claimant: Indi the owner purchase the veryes, date of purchase? Purchased used, provide the Name: Address: Date of purchase:	Obtain information for the ection is obtained from anyone claimant ehicle new?	nis section from Driver / Claiman ne other than the claimant, provid	
any information for this send relationship, if any, to the Name: Address: Phone number: Relationship to claimant: Did the owner purchase the veryes, date of purchase? Purchased used, provide the Name: Address: Date of purchase:	Obtain information for the ection is obtained from anyone claimant ehicle new? x Yes March 2012 e name, address of the seller a	nis section from Driver / Claiman ne other than the claimant, provid No nd data of purchase:	de the name, address, phone numb
any information for this send relationship, if any, to the Name: Address: Phone number: Relationship to claimant: id the owner purchase the veryes, date of purchase? purchased used, provide the Name: Address: Date of purchase: IEHICLE REPAIR / SERV the answer is "Yes" to any o	Obtain information for the ection is obtained from anyone claimant ehicle new?	nis section from Driver / Claiman ne other than the claimant, provid No No and data of purchase:	de the name, address, phone numb
any information for this send relationship, if any, to the Name: Address: Phone number: Relationship to claimant: id the owner purchase the veryes, date of purchase? purchased used, provide the Name: Address: Date of purchase: EHICLE REPAIR / SERV the answer is "Yes" to any or the send and the send	Obtain information for the ection is obtained from anyone claimant ehicle new? x Yes March 2012 e name, address of the seller a	nis section from Driver / Claiman ne other than the claimant, provid No No and data of purchase:	de the name, address, phone numl
any information for this send relationship, if any, to the Name: Address: Phone number: Relationship to claimant: id the owner purchase the veryes, date of purchase? purchased used, provide the Name: Address: Date of purchase: EHICLE REPAIR / SERV the answer is "Yes" to any or the send and the send	Obtain information for the ection is obtained from anyone claimant ehicle new?	nis section from Driver / Claiman ne other than the claimant, provid No No and data of purchase:	de the name, address, phone numl
any information for this send relationship, if any, to the Name: Address: Phone number: Relationship to claimant: id the owner purchase the veryes, date of purchase? purchased used, provide the Name: Address: Date of purchase: EHICLE REPAIR / SERV the answer is "Yes" to any operations of the service and the servi	ehicle new? x Yes March 2012 e name, address of the seller a	nis section from Driver / Claiman ne other than the claimant, provid No nd data of purchase: , describe the repairs. Obtain copie elephone number.	de the name, address, phone numb
any information for this send relationship, if any, to the Name: Address: Phone number: Relationship to claimant: id the owner purchase the veryes, date of purchase? purchased used, provide the Name: Address: Date of purchase: EHICLE REPAIR / SERV the answer is "Yes" to any of coument the name of the sering repairs outside of warrant	ehicle new? x Yes March 2012 e name, address of the seller a	nis section from Driver / Claiman ne other than the claimant, provid No No and data of purchase: , describe the repairs. Obtain copie elephone number.	de the name, address, phone numl
any information for this send relationship, if any, to the Name: Address: Phone number: Relationship to claimant: Indicate the owner purchase the veryes, date of purchase? Purchased used, provide the Name: Address: Date of purchase: EHICLE REPAIR / SERV the answer is "Yes" to any of purchase of the sering repairs outside of warrant yes, provide dates, description	ehicle new? x Yes March 2012 e name, address of the seller a CICE HISTORY f the following three questions vice facility, its address, and te	nis section from Driver / Claiman ne other than the claimant, provid No No and data of purchase: , describe the repairs. Obtain copie elephone number.	de the name, address, phone numl
any information for this send relationship, if any, to the Name: Address: Phone number: Relationship to claimant: Indicate the owner purchase the veryes, date of purchase? Purchased used, provide the Name: Address: Date of purchase: EHICLE REPAIR / SERV the answer is "Yes" to any of purchase of the sering repairs outside of warrant	ehicle new? x Yes March 2012 e name, address of the seller a CICE HISTORY f the following three questions vice facility, its address, and te	nis section from Driver / Claiman ne other than the claimant, provid No No and data of purchase: , describe the repairs. Obtain copie elephone number.	de the name, address, phone numb
any information for this send relationship, if any, to the Name: Address: Phone number: Relationship to claimant: id the owner purchase the veryes, date of purchase? purchased used, provide the Name: Address: Date of purchase: EHICLE REPAIR / SERV the answer is "Yes" to any of purchase of the sering repairs outside of warrant yes, provide dates, description	ehicle new? x Yes March 2012 e name, address of the seller a CICE HISTORY f the following three questions vice facility, its address, and te	nis section from Driver / Claiman ne other than the claimant, provid No No and data of purchase: , describe the repairs. Obtain copie elephone number.	de the name, address, phone numb
any information for this send relationship, if any, to the Name: Address: Phone number: Relationship to claimant: id the owner purchase the veryes, date of purchase? purchased used, provide the Name: Address: Date of purchase: EHICLE REPAIR / SERV the answer is "Yes" to any of occument the name of the send yes, provide dates, description.	ehicle new? x Yes March 2012 e name, address of the seller a CICE HISTORY f the following three questions vice facility, its address, and te	nis section from Driver / Claiman ne other than the claimant, provid No No and data of purchase: , describe the repairs. Obtain copie elephone number.	de the name, address, phone numb
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any information for this send relationship, if any, to the late of purchase the very es, date of purchase? Chicket Repair Date Date Chicket Repair Date Chicke	ehicle new?	nis section from Driver / Claiman ne other than the claimant, provid No No and data of purchase: , describe the repairs. Obtain copie elephone number.	de the name, address, phone numb
any information for this send relationship, if any, to the late of purchase the very es, date of purchase? Chicket Repair Date Date Chicket Repair Date Chicke	ehicle new?	nis section from Driver / Claiman ne other than the claimant, provid No No and data of purchase: , describe the repairs. Obtain copie elephone number. invoices if possible: air Description / By Whom?	de the name, address, phone numb
any information for this send relationship, if any, to the Name: Address: Phone number: Relationship to claimant: If the owner purchase the veryes, date of purchase? Purchased used, provide the Name: Address: Date of purchase: EHICLE REPAIR / SERV the answer is "Yes" to any of occument the name of the send of the	ehicle new?	nis section from Driver / Claiman ne other than the claimant, provid No No and data of purchase: , describe the repairs. Obtain copie elephone number.	de the name, address, phone numl

Customer's last na		Tanin Cyclemor Cit	R / Seat Belts Prelimina			
A Property of the Control of the Con	ame:		Inspection date:	12/07/2		
Vehicle brand:		Chevrolet	Year/Model:	2012 0		
Case #:		71-1131644033	VIN:	1G1PF	-5507	
Prior collision repair	r?	Yes x No	r ()			
f yes, provide the fo						1
Date			Description			
Prior SIR and/or se	at belt service	e, repair, or replacement?	Yes x No			1
yes, provide the fo		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Description			7
Date			Description		i i	
J. T. Company						
	n pre-owned,			I Aft.	ormarkot E	vhoust
Remote Start Body Modificat Unknown Tyes, describe constalled it, and cap Other vehicle histor	nponent, who ture photos:	Suspension Towing Equip. None	Tires/Wheels Security Alarm Wiring anty, or Dealership history files?		ermarket Exaders	xhaust
Body Modificat Unknown f yes, describe con nstalled it, and cap Other vehicle histor f Yes, describe & n	nponent, who ture photos:	Suspension Towing Equip. None from interview, GM Warra Predelivery only in VIS	Tires/Wheels Security Alarm Wiring anty, or Dealership history files?	Yes	aders	xhaust
Remote Start Body Modificat Unknown f yes, describe connstalled it, and cap Other vehicle histor f Yes, describe & n	nponent, who ture photos:	Suspension Towing Equip. None from interview, GM Warra Predelivery only in VIS	Tires/Wheels Security Alarm Turbo Wiring Anty, or Dealership history files? S E / SYSTEM INSPECTIO	Yes	aders	xhaust
Remote Start Body Modificat Unknown f yes, describe connstalled it, and cap Other vehicle histor f Yes, describe & n	nponent, who ture photos:	Suspension Towing Equip. None from interview, GM Warra Predelivery only in VIS VEHICLE	Tires/Wheels Security Alarm Wiring anty, or Dealership history files?	Yes	aders	xhaust
Remote Start Body Modificat Unknown f yes, describe connstalled it, and cap Other vehicle histor f Yes, describe & n Section 4	nponent, who ture photos: ry information nake copies:	Suspension Towing Equip. None from interview, GM Warra Predelivery only in VIS VEHICLE Do Not "Clear Codes"	Tires/Wheels Security Alarm Turbo Wiring Anty, or Dealership history files? E / SYSTEM INSPECTIO -Note	Yes	x No	
Remote Start Body Modificat Unknown f yes, describe connistalled it, and cap Other vehicle histor f Yes, describe & n Section 4 Use the scan tool to	nponent, who ture photos: ry information nake copies:	Suspension Towing Equip. None from interview, GM Warra Predelivery only in VIS VEHICLE Do Not "Clear Codes" liagnostic trouble codes (codes)	Tires/Wheels Security Alarm Turbo Wiring Anty, or Dealership history files? E / SYSTEM INSPECTIO -Note from any on board module(s)	Yes	x No	as used
Remote Start Body Modificat Unknown f yes, describe connstalled it, and cap Other vehicle histor f Yes, describe & n Section 4	nponent, who ture photos: ry information make copies:	Suspension Towing Equip. None from interview, GM Warra Predelivery only in VIS VEHICLE Do Not "Clear Codes" liagnostic trouble codes (codes)	Tires/Wheels Security Alarm Turbo Wiring Anty, or Dealership history files? E / SYSTEM INSPECTIO -Note from any on board module(s)	Yes	x No	as used

- 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?	x Yes	No
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Version 2 Effective 3/23/2012

R006 Re	straint Systems / SIR	/ Seat Belts Preliminal	ry 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	x ALDL/DLC	Directly from module using	adapter harness w/ Bosch CDR
		the module removed from the ve anditions under which the module	e was mounted when the download was
obtained.			
FRONT AREA: Describe any or penetrated the windshield, a			whether the hood is opened, if it contacted
			ner components have been removed or
		ng by the dent in the front bumpe	
·			
LEFT SIDE EXTERIOR: Desco of the impact. If so, photograp			mine whether any door opened as a result
	maged and pulled away from t		
RIGHT SIDE EXTERIOR: Decresult of the impact. If so, pho			ermine whether any door opened as a
The right front fender has been	en removed and the passenge	er door skin is dented and compr	essed.
REAR AREA: Describe any cand note if the spare tire separ		cle. Observe and photograph w	hether the deck lid or rear hatch opened
None			
ROOF / ROOF STRUCTURE: did not remain attached, and p		e roof of the vehicle. Note if any	convertible tops or removable roof panels
None			
vehicle completely described.	Note the condition of the burn		and any damage to the underside of the wheels, & engine mount(s)/cross member. s 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)?
- 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?

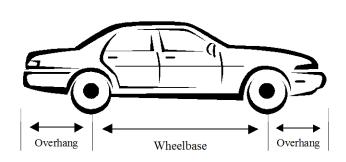
Yes
162
Yes

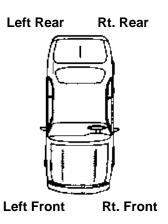
Х	No
Х	No

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:

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 Driver side front overhang Driver side rear overhang

106 in
31 in
32 in

Passenger side wheelbase Passenger side front overhang Passenger side rear overhang

106 in	
26 in	
34 in	

Customer's last name:	Restraint Systems				ction date:	,	12/07/2012	
THE PROPERTY OF THE PARTY OF TH	Chourslot							
Vehicle brand:	71-1131644033			VIN:	Model:		2012 Cruze 1G1PF5SC	
Case #:	71-1131644033			VIIN.			1G1PF55U	-
National Acade Section 6	Indiana Trans	T F. W. ST	-		Batteria state			1
Maximum depth of crush (Inches): n/a	Front			Driver's side			
		Rear	4		Passenger's	side		
		Roof						
a draft out of the contract of the contract of								
dditional comments rega	irding exterior damage	:						
RIOR DAMAGE ocument and photograph None	h any damage that app	ears to ha	ve be	een pro	esent prior to	this incider	nt:	
Does customer allege non-	-deployment of side airb	ags or roof	rail a	irbags	? [Yes	x No	
OTE: Complete the follow							npact airbags or roof r	ail airbag
therwise leave the remaini	ng portion of section bla	nk. Identif	y and	photo	graph the follo	owing items:		
				0.00	200		2-2	
Door hinges on struck side						Yes	x No	
Door hinges on struck side						Yes	x No	
Damage to striker/latch sys						Yes	x No	
Any rubber or paint transfe		le?				Yes	x No	
Damage from extrication to	ools (e.g. jaws of life)?					Yes	x No	
Separation of sheet metal	along weld seams (door	s, rocker pa	anels	, etc	?	Yes	x No	
Side door beam damaged?		2				Yes	x No	
Side beam welds separate	d (Photos if possible)?					Yes	x No	
nterior door trim damaged	?					Yes	x No	
Interior roof trim damaged	near door opening?					Yes	x No	
							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
dditional comments:								
hotograph the following:								
linges on non-struck side	X	Overhead	view	(if pos	sible)	X		
atch/striker on non-struck s		Door trim				X		
nderbody, front & rear sus					non-struck s	ide		
triking vehicle (If available					olved (if possi			
		3 4 4 4 7 5 5 6 6	. 0060	10.	C-080401 -07			
TERIOR INSPECTION (P	hotograph the side via	w of the s	teeri	ng wh	el and colur	nn, the inter	ior, and deployed air	bags)
	g. ap tilo oldo vic			9		,	, and dopio jou un	90)
nterior reduced in size?		Yes	X	No	Where:			
ntrusion by an external ob	iect?	Yes	×	No	Describe:			
oose objects inside?	Journ 1	Yes	X	No	Describe:	in the second		
Cowl deformed?		Yes		No	Describe:	3		
	ad2	Yes	X		Describe:			
Floorpan / Toepan deforme			X	No	The second secon			
Headliner / visors damaged		Yes	X	No	Describe:			
nside rear-view mirror dan	naged	Yes	X	No	Describe:			
Door trim damaged?		Yes	X	No	Describe:			
Steering column displaced	2	Yes	Y	No	Describe:			

Yes

Yes

Yes

Yes

Yes

X X X No

No

No

No

x No

Describe:

Describe:

Describe:

Describe:

Describe:

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Steering column capsule bracket displaced?

Control knobs/ levers damaged?

Instrument panel damaged?

Accelerator/brake pedals deformed?

Lower IP/Kneed bolster damaged?

POOS Po	etraint Systom	s / SID / Sa	at Balta	Proliminar	ry Inspection v2.0
Customer's last name:		15 / SIK / SE	_	ion date:	12/07/2012
Vehicle brand:	Chevrolet		Year/M		2012 Cruze
Case #:	71-1131644033	<u> </u>	VIN:	ouei.	1G1PF5SC7
Case #.	71-113104403)	VIIN.		191773507
If any of the following are "Y	os" cantura nhata	aranhe			
Driver front airbag deployed?			v No	Dogoribo	
			x No	Describe:	
Passenger front airbag deplo	yea?		x No	Describe:	
Driver side airbag deployed?	10		x No	Describe:	
Passenger side airbag deplo			x No	Describe:	
Driver roof rail airbag deploye			x No	Describe:	
Passenger roof rail airbag de	pioyea?		x No	Describe:	
Other? (pretensioners, etc.)		Yes	x No	Other:	
Windshield (W/S) damaged?		x No			
If Yes?	Cracked		ken (Top ii		Damaged by occupant contact
W/S separated from vehicle?	Yes	No	% (App	r ox.) Approxin	nate % of perimeter separation
Steering wheel damaged?		No			
If Yes:	Rim	Hub			
If yes, describe?					
If applicable, indicate the "cloc	k" position of damac	e to the steerin	a wheel:	o'cloc	k
in applicable, indicate the cice	it pooliion or damag	,0 10 1110 01001111	9 11110011	0 0.00	··
(NOTE T)					
(NOTE: The top of the steer	ing wheel assembl	y is 12 o'clock	regardles	s if the wheel it	tself is turned.)
Tilt ata aring who all	Voc N				
Tilt steering wheel?	Yes No		ما به دا ا		
If yes, position?	Low	ed x	High		
Talasassina ataasina wha al2	Vaa	. Na			
Telescoping steering wheel?		x No	Daamu		
If yes, position?	Forward	Middle	Rearw	aru	
IF THERE WERE ANY TRAN	SEER MARKS PRE	SENT ON THE	STEERING	WHEEL PHO	TOGRAPH THEM
III IIIENE WENE ANT TRANS	OI EIN MAINNO I INE	OLIVI OIV IIIL	O I LLINIIN	5 WIILLE, I 110	TOOKAI II IIIEM
Were transfer marks present (clothing, makeup, et	c.)? N	o x	Yes	
If yes, describe?	siotiming, martoup, or	0./.	0 12		
ii yes, describe:					
If the SDM is located under a	eat visually insper	et for foreign ob	ects and w	ater intrusion th	at could damage the module or its wiring.
If any exist, remove the seat a					
Any signs of water intrusion?	Yes x		nation of ti	io aroa. Doconi	o mango ana priotograpii.
If yes, describe:	163 X	110			
ii yes, describe.					
SEAT INSPECTION (Photogra	onh damaged areas	١			
OZAT INO. ZOTION (I notogic	apri damagod arodo,	•			
Type of front seat?	Bucket Be	nch 50	/50 Split B	ench 6	0/40 Split Bench
j			•		
DRIVER'S SEAT INFORMATI	ON			_	
Seat damage?	Yes	Х	No		
If Yes, location?	Seat	bottom	Backrest	Headre	st
Seatback struck by rear occup	ant? Yes		No		
If yes, describe:				•	
RIGHT FRONT PASSENGER	SEAT INFORMATI	ON		_	
Seat damage?	Yes	Х	No	_	
If Yes, location?	Seat	bottom	Backrest	Headre	st
Seatback struck by rear occup			No		_
If yes, describe:		,		•	
Additional info regarding seat					
damage (Front or rear):					
J ,	•				

R006 Re	straint Systems / SIF	R / 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
VINDOW INSPECTION			
lote all window conditions:	All windows unbroken an	d operate as designed.	
RESTRAINT SYSTEM IN	NSPECTION		
	Note: Do not "Clear C	odes" from the on-board con	mputer(s)
equipped, are the pretension		Yes n No	
	A STATE OF THE ACT OF		
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		
NSPECT SIR WIRING and	SENSORS (IF VISIBLE)		
SIR wiring damaged?	Yes	x No Describe:	
SIR sensors damaged / discor	nnected? Yes	x No Describe:	
any airbag(s) deployed	was it the:		
river front airbag			
		es No Describe:	
lag material cut / torn?		es IVO Describe.	

Driver from all bag				
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:	I.
Roof rail airbag				

Yes

Yes

No No

Describe:

Describe:

Bag material cut / torn?

Transfer marks present (makeup, clothing, etc.)

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 <u>customer alleges</u> the FRONT PASSENGER airbag <u>did not deploy</u> 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: 1 3/4 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? Photograph the measurement.
Driver seat position and its distance to the IP: 12 3/4 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 X No Sit in the passenger seat and observe the status indicator. Is the passenger airbag system "ON"? X 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"? Airbag warning light came "ON" with the ignition key, blinked several times and stayed "ON"? X Yes Yes
Describe any other results:
Turn on ignition, observe seat belt light. On? Buckle driver's seat belt. Seat belt light on? X Yes No x 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?

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?
How was download obtained?
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:
x Driver Driver's side rear Center front Passenger Right rear Third Row
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 x 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?
IF THE ANSWER IS NO, DO NOT DISTURB BELTS AT THIS TIME. Secure webbing, measure length, and show measurement in a photo: 101 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)?	Х	Yes
		Lap
Marks, cuts or debris present on shoulder and lap belt webbing?		Yes
Webbing energy management loops (if equipped) - stitches pulled free, unfolded, replacement/warning label exposed?		Yes
Tack stitch separated from plastic sleeve?		Yes
Webbing cut?		Yes
Does guide loop assembly exhibit striations, bent, or deformed?		Yes
Does guide loop adjuster move up and down (if equipped)?	Х	Yes
Does the seat belt buckle latch and unlatch?	Х	Yes
Does the seat belt return to the stowed position when unbuckled?	Х	Yes
Buckle condition (worn or foreign material present)?		Yes
Any components missing?		Yes
Does the seat belt return to the stowed position when unbuckled?	Х	Yes
Any post-collision damage present (e.g. rescue workers)?		Yes

x Shoulder x No
x No
~
^ No
x No
x No
x No
No
No
No
x No
x No
No
x No

Vehicle brand:		Inspection date:	12/07/2012
('aco #:	Chevrolet 71-1131644033	Year/Model: VIN:	2012 Cruze 1G1PF5SC7
Case #:	71-1131644033	VIN.	IGIPF55C7
othe seat belt webbing cut? (I OTE: If there were occupated addendum. Include it webbing cut.) possible, perform a dynamic of the retractors on the belts to the No, describe: vehicle is not drivable, jerk extractors will not lock on this to the No, which belts do to tock/hold?	nts in other seating position ith your report. "panic stop" type test with the being inspected appear to loc ach belt inspected rapidly. (N	ns, inspect those seating posit e vehicle. k and hold properly?	ions and report the results on the seat
dditional comments?			
Section 5	SIT	E INSPECTION	
Vas a site inspection performe comments?		on vehicles with no damage prese	ent (e.g. claimant says they hit a pot hole
osted speed where the incide	ent occurred?	(mph)	
ITE INSPECTION: PERFOR	M THE FOLLOWING IF AD	DITIONAL INFORMATION MAY	BE FOUND:
	entify the incident scene and ene, measure location of the	verify tire marks, gouges in the pitems and photograph.	pavement, debris, or any
Identify evidence of w locations, distances, e		ad prior to, during, or after the inc	ident. Document all
Identify evidence & pl incident.	notograph any object struck b	by the vehicle on or off the road p	rior to, during, or after
 Inspect roadway & sh excessive speed, sev 		f the incident site for telltale signs	s of loss of control,
hotograph the scene and a	ny property involved. Only	factual comments should be e	entered in this section:
200020000	СОММ	ENT OVERFLOW	
Section 6			

R006 Restraint Systems / SIR / Seat Belts Preliminary Inspection v2.0				
Customer's last name:	1 P	Inspection date:	12/07/2012	
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze	
Case #:	71-1131644033	VIN:	1G1PF5SC7	

S			

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 smouldering, 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

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
User	
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 \(\beta \) km/h]. A Non-Deployment Event contains PreCrash and Crash data. The oldest NonDeployment event can be overwritten by a Deployment Event, if althree records are full and the NonDeployment 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 whout 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 SM.

There are also two types of recorded crash events for Rollover Evets. 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 PreCrash and Crash data. Non-Deployment Rollover event follow the same rules as FSR NorDeployment 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, Veital Acceleration, and Roll Rate data, if the SDM is rollover capable. This data reflects what the sensing system experienced uring the recorded portion of the event. For NorDeployment (Non-rollover) Events, the SDM will record second of data before a calibrated angle threshold is reached. FoRollover Deployment Events, the SDM will record up to 700 milliseconds of data before the Deployment criteria is met an 290 milliseconds after the Deployment criteria is met. Vehicle Record Acceleration and Roll Rate data are displayed in SAE sign convention.

-Deployment loops may be displayed as being deployed in a NorDeployment event record, if a Deployment event is qualified during the Non-Deployment event. That is, if two or more events are occurring athe 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 a10 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 eent 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 fators, 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 switch circuit.
- -Pre-Crash data is recorded asynchronously.
- -Pre-Crash Electronic Data Validity Check Status indicates "Data Invadi" if:
 - -The SDM receives a message with an "invalid" flag from the modulesending the pre-crash data
- -Pre-Crash Electronic Data Validity Check Status indicates "Data Not Avilable" if:
 - -No data is received from the module sending the precrash data
- -Belt Switch Circuit Status indicates the status of the seat belt witch circuit.
- -The ignition cycle counter will increment when the power mode cyes from OFF/Accessory to RUN. Applying and removing of battery power to the module will not increment the ignition cycleounter.
- -Ignition Cycles Since DTCs Were Last Cleared can record a maximumvalue 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 Deploynents, 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 # or Driver Pretensioner Loop #2
 - -Passenger Pretensioner Loop # 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 nobe 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 todeploy. Loops without their own independent deployment calibration are called "forced timer loops." Examples of a forced timer loops are Pretensioner Deployment Lop #2 and Knee Deployment Loop.
- -The reported range of the longitudinal and lateral acceleration viaes is approximately ±50 g.
- -All data should be examined in conjunction with other available phrical evidence from the vehicle and scene.

Data Source:

All SDM recorded data is measured, calculated, and stored internal, 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

System Status at Time of Kethevar	
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
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)

System Status at Event (Event Record 1)	Non Donleymont
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	D . N . A
Equipped)	Data Not Available
Seat Track Position Switch, Foremost, Status, Right Front Passenger (Passenger Seat	5
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	
	168
Recorded Vehicle Velocity Change)(msec) Maximum Delta-V, Lateral (Maximum Lateral SDM Recorded Vehicle Velocity Change	
	-1 [-2]
for FSR Event) MPH [km/h]	
Time Maximum Delta-V, Lateral (Time From FSR Time Zero to Maximum Lateral SDM	108
Recorded Vehicle Velocity Change)(msec)	





DTCs Present at Time of Event (Event Record 1)No Diagnostic Trouble Codes





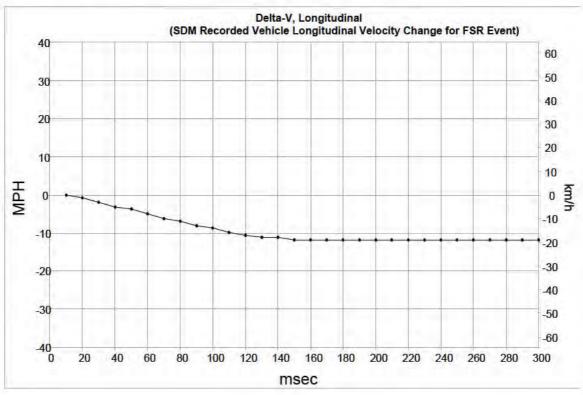
Event Data (Event Record 1)

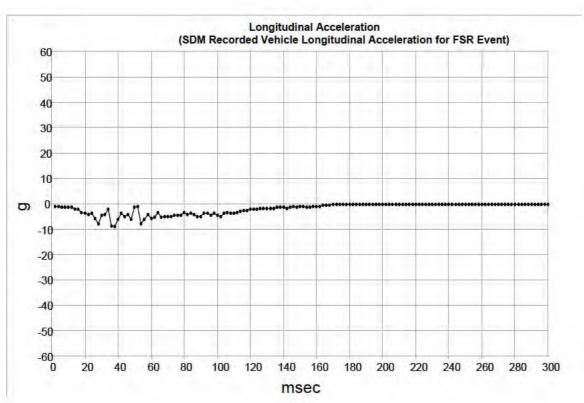
Event Data (Event Record 1)	
Driver 1st Stage Deployment Loop Commanded	No
Passenger 1st Stage Deployment Loop Commanded	No
Driver 2nd Stage Deployment Loop Commanded	No
Passenger 2nd Stage Deployment Loop Commanded	No
Driver Pretensioner Deployment Loop #1 Commanded	No
Passenger Pretensioner Deployment 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)	Data Not Available
(msec)	Data Not Available
Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger	
	Data Not Available
2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec) Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time	
	Data Not Available
Zero to Deployment Command Criteria Met) (msec)	
Side air bag deployment, time to deploy, right front passenger (Passenger	Data Not Available
Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec)	
Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time	Data Not Available
Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec)	
Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger	D-4- N. (A
Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command	Data Not Available
Criteria Met) (msec)	





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	Longitudinal
(msec)	Acceleration
(III3CC)	(SDM Recorded Vehicle
	Longitudinal
	Acceleration for FSR
	Event) (g)
2	-1.0
4	
	-1.0 -1.4
6 8	
10	-1.4 -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	Longitudinal					
(msec)	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 -1.0
162 164	
166	-0.6 -0.6
168	-0.6
170	-0.0
170	-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



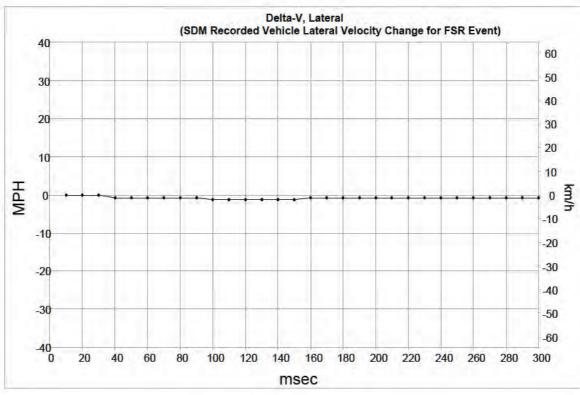


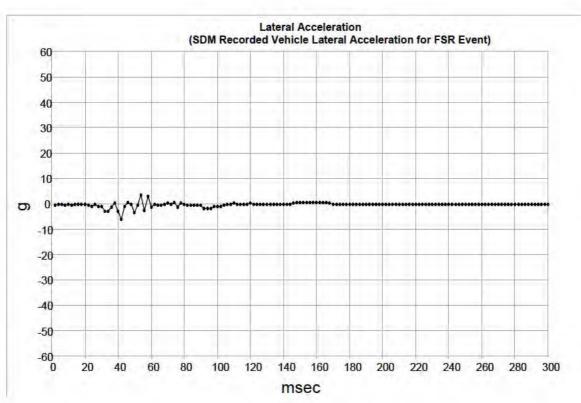
Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
298	-0.2
300	-0.2





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)

Latera	i Crash Pulse (Eve	nt Kec	ora 1)		
Time (msec)	Lateral Acceleration (SDM Recorded Vehicle	Time (msec)	Lateral Acceleration (SDM Recorded Vehicle	Time (msec)	Lateral Acceleration (SDM Recorded Vehicle
	Lateral Acceleration for FSR Event) (g)		Lateral Acceleration for FSR Event) (g)		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 98	-1.8 -1.0	196 198	-0.2 -0.2	296 298	-0.2 -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)

- 10 014011 P414 010 10 010 000 = 10111 1100014 1								
Times (sec)	Accelerator Pedal, % Full (Accelerator Pedal Position) Service Brake (Brake Switch (Engine Speed) 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 (Ib-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.

```
DPID $32
FF FD 06 ED 00 00 00
DPID $35
78 00 00 00 00 00 00
DID $01
41 55 32 35 37 37 45 30 31 34 46 45 43 43 42 39
DID $03
41 54 32 35 37 37 45 30 31 35 30 31 39 44 39 38
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
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
DID $0F
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
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

0000 0010	A5 FF	00	00	00	01 00	00	05 00	06 00	E3	FF 00
0020	4C	FC	FC	F0	00	00	C0	10	00	00
0030	00	00	00	00		00	00	00	55	55
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0130	7E	7F	7C	7F	7A	7E	79	7E	77	7E
0140	75	7E	74	7E	72	7E	71	7D	6F	7D
0150	6E	7D	6D	7D	6D	7D	6C	7D	6C	7E
0160	6C	7E	6C	7E	6C	7E	6C	7E	6C	7E
0170	6C	7E	6C	7E	6C	7E	6C	7E	6C	7E
0180	6C	7E	6C	7E	6C	7E	6C	7E	7D	7E
0190	7D	7F	7C	7F	7C	7E	7C	7F	7C	7E
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0210	76	7D	71	7F	6C	7D	74	7D	75	78
0220	7A	78	6A	7C	69	80	70	78	76	70
0230	73	7D	75	81	70	7F	7C	77	7D	7E
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0250	77	7E	72	7E	73	7F	73	80	73	7F
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0280	76	7B	74	7B	76	7D	74	7D	73	7D
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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:

Customer City : Apollo Customer State : PA

Customer Zip Code:

Vehicle Information:

VIN: 1G1PK5SC7C7

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:

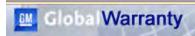
Requestor Name: William Duffy

Requestor Email: william_duffy@gmexpert.com Requestor Phone: (866) 790-5700 Ext 31244

Requestor Fax:

Ref:MSG0401038

Logout



Al DiFalco

December 28, 2012

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

INTERFACE WITH CUSTOMER

USER OPTIONS

View Vehicle Summary

3

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 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

Required Field Actions

Open field actions are highlighted

Туре	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

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 Emission Select Component Ltd Wty	03/21/2012 03/21/2012	03/13/2012 03/13/2012	113 MI 113 MI	03/13/2018 03/13/2020	100,113 MI 80,113 MI

For this vehicle:

- → View Vehicle Summary
 - Service
 - → Contract
 - → Branded Title
 - → Warranty Block
- → View Vehicle Build
- View Vehicle
- Component Summary View Vehicle
- **Transaction History** <u>Detail</u>
- View Vehicle Delivery <u>Information</u>
- Investigate Major Assembly History

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						
Job Card Job Card Transaction Date Number Type		Transaction Adjustment	Labour Operation	Odometer Reading		
09/11/2012	468032	ZFATField Action Recall		V2602 - 12081 - Engine Shield Modification (inc harness wrap) (manual transmission)	18,180 MI	
11/08/2011	82450	ZPDIPre- Delivery Inspection		Z6999 - PDI Related Fluid Adds	1 MI	
10/12/2011	A87576	ZPDIPre- Delivery Inspection		Z7000 - Pre-Delivery Inspection - Base Time	1 MI	

Global Warranty Management: Site Map

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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 # COMPANY

ATLANTIC HEARTLAND MATERIAL DA CLAIM REP DAWN STODDARD

INSURED AMY LOVAS

CLAIMANT

FILE HNDLR DAWN STODDARD

POLICY #

LOSS DATE 12-04-12

LOSS TYPE COLLISION

FAX

FILE # 2012-35419

INSPECTION

TYPE

INDEPENDENT FIELD

PRIMARY POI

FRONT END CENTER

APPRAISER NAME GEORGE SCHAFER

LICENSE #

WORK PHONE ADDRESS

(412) 328-7164

311 FILMORE DR

CITY STATE 15147-

VERONA

INSP DATE 12-11-12

PA LOCATION KENNY ROSS CHEVROLET

(412) 744-4354

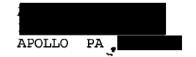
CITY STATE SOMERSET

SECOND POI FRONT END RIGHT

PA

OWNER

ZIP



WORK: HOME:

REPAIR

ATTN SKIP KENNY ROSS

2006 N CENTER AVE

SOMERSET PA 15501-

SHOP PHONE (814) 445-4113

SHOP LIC#

CAR IN CAR OUT

REPAIR 8 DAYS

FAX

VEHICLE

2012 CHEVROLET CRUZE ECO 4 DR SEDAN

4CYL GASOLINE TURBO 1.4

OPTIONS

TWO-STAGE - EXTERIOR SURFACES TWO-STAGE - INTERIOR SURFACES

STRG WHEEL MTD RADIO CONTROLS

REAR SPOILER

AUTOMATIC TRANS

BODY COLOR

DK RED GOOD

MILEAGE VIN

27,415 1G1PK5SC7C7

CONDITION LICENSE #

HXD 8086

CODE

U237

LICENSE STATE PA

CRUISE CONTROL

VEH INSP #

REMARKS:

PDF created with pdfFactory Pro trial version www.pdffactory.com

CLAIM # LOG 264 12-11-12 4:22 PM

****APPRAISER-GEORGE SCHAFER-INDEPENDENT--#166665----CELL# THIS ESTIMATE WAS WRITTEN AS PER INSURANCE COMPANY GUIDLINES ********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
$\Delta \Delta = \Delta PDE\Delta R \Delta LLOWANCE$	RP = RELATED PRIOR	UP = UNRELATED PRIOR

AA = APPEAR ALLOWANCE	RP = RELATED PRIOR	UP = UNRELATED PRIOR
-----------------------	--------------------	----------------------

			-
PART 361.58			_
		4.0	4
~ <u>~</u>			
_		1 7	
PART 254.24			
		1.0	4
		TNC	1
			_
PART 207.76		INC	Τ
DOD		0.4	-
PART 295.76			
		4.5	4
}			
_		TNC	1
PARI 10.63			
		0.4	4
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PART 10.63			
		0.4	*
	ge setup ge PART 254.24 ge PART 106.40 PART 29.66 PART 62.82 PART 144.67	ge setup ge PART 254.24 ge PART 106.40 PART 29.66 PART 62.82 PART 144.67 PART 88.98 PART 207.76 BOR PART 295.76 ge PART 10.63	ge setup ge PART 254.24 1.7 1.0 ge PART 106.40 INC PART 29.66 0.2 PART 62.82 INC PART 144.67 INC PART 88.98 INC PART 88.98 INC PART 207.76 INC BOR PART 207.76 INC BOR PART 295.76 1.2 4.5

2	012 C	hev	rolet Cruze ECO 4 DR Se	edan		
C	LAIM			LOG 264 -0	12-11-12	4:22 PM
		i				
				0.3 Surface		
				0.1 Two-stage		
E		07	PANEL, RADIATOR SIDE LT		216.05	2.7 1
L	1431		PANEL, RADIATOR SIDE LT			0.2 4
				0.2 Surface		
E		07	PANEL, RADIATOR SIDE RT		146.07	2.7 1
L	1432		PANEL, RADIATOR SIDE RT			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			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		3.00*	1
EC			COVER CAR FOR OVERSPRA		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

GROSS PARTS

MC MESSAGE

01 CALL DEALER FOR EXACT PART # / PRICE

07 STRUCTURAL PART AS IDENTIFIED BY I-CAR

\$ 3,142.57

46 PRINTABLE PXN COMPARE

FINAL CALCULATIONS & ENTRIES PARTS

OE SURPLUS PARTS						
OTHER PARTS			\$		16.00)
PAINT MATERIAL			\$		367.20)
ADJUSTMENTS	DISCOU	JNT MA	RKUP			
PARTS & MATERIAL	TOTAL					3,525.77
TAX ON PARTS & MA	TERIAL @	6.000%			\$	211.55
LABOR	RATE REPI	LACE HRS R	EPAIR HRS			
1-SHEET METAL \$	48.00	19.2	4.4	\$ 1	1,132.	80
2-MECH/ELEC \$	48.00	0.6	1.8	\$	115.	20

2012 Chevrolet (Cruze ECO	4 DR Sedan LOG 264	-0	12-11-1	12 4:22 PM
4-REFINISH \$	\$ 48.00 \$ 48.00 \$ 27.00	13.6	4.0 \$ \$	192.00 652.80	
LABOR TOTAL TAX ON LABOR SUBLET REPAIRS	@	6.000%		\$ 2,092.80 \$ 125.57	
TAX ON SUBLET TOWING STORAGE	@	6.000%			
GROSS TOTAL LESS: DEDUCTIBLE	E			\$ 5,955.69 UNKNOWN-	
NET TOTAL				\$ 5,955.69	

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

SUPPLEMENTAL REPAIRS.

(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

2012 Chevrolet Cruze ECO 4 DR Sedan

CLAIM #

LOG 264

- 0

12-11-12 4:22 PM

Estimate Summary Page GEORGE SCHAFER

GROSS TOTAL

LESS: DEDUCTIBLE

5,955.69 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 Number		Locked Record	Follow Up	Call For Service		
SOM-2012-77	756	No	No	PTANR		
Description	Statement II					
PNONREPOR	RTABLE CRASH					
Status	The second second	Priority	Method Received		Date/Time Received	
Cleared		0	Radio Dispatch 12/07/2012 06:49:00			
Day of the Week		How Handled				
Friday		Officer Ass	igned			
Complaint Nature						
Private Prop	erty acident, SE	E COMMENTS	3			
		316 476				
Cample	int I coeffee					
	int Location	A.				In the second
Street Number	Street Block	Predirection	Street Name		Street Type	Postdirection
223					IAM	
801		North	Pleasant		AV	
801 PO Box	Cross-Predirection	Cross-Street Nar		Cross-Street Type	Highway Name	1
PO Box		Cross-Street Nar	ne	Cross-Street Type		L. S. S. S. N. S. S.
801 PO Box Highway Number	Cross-Predirection Highway Milepost			Cross-Street Type		Jurisdiction Number
PO Box Highway Number		Cross-Street Nar	County			
PO Box		Cross-Street Nar	ne	Cross-Street Type City/Town		Jurisdiction Number Political Subdivision
PO Box Highway Number Location Township	Highway Milepost	Cross-Street Nar Rural Route	County Magisterial District	City/Town	Highway Name	Political Subdivision
PO Box Highway Number		Cross-Street Nar	County			
PO Box Highway Number Location Township State	Highway Milepost	Cross-Street Nar Rural Route Zip Code	County Magisterial District Area	City/Town	Highway Name Residence Type	Political Subdivision
PO Box Highway Number Location Township	Highway Milepost	Cross-Street Nar Rural Route	County Magisterial District	City/Town	Highway Name	Political Subdivision

Constitution of the Constitution	ant Information	(i - 1)	F		1 1	Suffix
alutation	First Name		Middle Name		Last Name	Sumx
ate of Rirth		Race			Sex	19
					Male	
		White			Iwiale	
porument		City			State	Zip Code
N-0117577W.779811		Rockwood			PA	
hone Number 1			le :	Interestina		
rea Code	Number		Ext	Phone Type		
				Cell		
hone Number 2			Ext	Phone Type		
rea Code	Number		EXI	Pilone Type		
otify Complainant	Call Taker ID		Dispatcher ID		cNET Complaint #:	
any complement				104	1549257	
Iser Defined Field 1			PA 28441	r Defined Field 2	1549257	
86-1207201	2-03		n II	r Defined Field 4		
Iser Defined Field 3			USE	r Delineu Fielu 4		
Complair	nant Associate					
alutation	Pl-M		Middle Name		I set Name	Suffix
ate of Birth		11000		****	ation Type	
		White		Female		
		City			State	Zip Code
		Apollo			PA	
Phone Number			le :	D T		
rea Code	Number		Ext	Phone Type		
hone Number 2	2					
vrea Code	Number		Ext	Phone Type		
Jser Defined Field 1			Use	er Defined Field 2		
			100			
A 2090873	Q					

Other person involved in acident

on Aaron -						-
on Aaron -				Role	125	Resource #
on randi	86 - Somerse	t Police Dep	artment	Reporting Office	cer	AMF86
Location Dispa Street Number	tched					
Street Number	Street Block	Predirection	Street Name		Street Type	Postdirection
801		North	Pleasant	Cross-Street Type	AV Highway Name	
PO Box	Cross-Predirection	Cross-Street Name		Cross-Street Type	riighway (vame	
Highway Number	Highway Milepost	Rural Route	County			Jurisdiction Number
Location Township		1	Magisterial District	City/Town		Political Subdivision
State	Zone Number	Zip Code	Area	Grid	Residence Type	Unit Type
Chill 1	1		V-ratio Tons		Country	
Unit Number	Latitude	Longitude	Location Type		Country	
ocation Description	1	1				
	of Leiss Tool	& Die				
Dispatched	OI LEISS TOOI	G Dic		Enroute		
12/07/2012	06:49:00					
Arrived	1			Cleared		
User Defined Field	1.9			12/07/2012 User Defined Field 2	07:19:00	
Jser Defined Fleid	1-2			OSC DENIES NOS E		
85	2			User Defined Field 4		
User Defined Field				Oser Delined Field 4		
Com	ments					
ent	ments	trol received	a call via 911 ra	edio dispatch to	p respond to a	reported vehicle aciden
n the listed icles off the his Officer roll & Die off oparking lot parking lot led she was lock the fron hit 1 Driver:	date, time Pare roadway acresponded and of North Pleas of Leiss Tool getting ready in the parking tend of her vo	d upon arrivations dependent Avenue. & Die off of to pull out of glot getting ehicle.	In made contact Upon talking w North Pleasant of the lot. Drive ready to pull ou	with the person with drivers involved Avenue and str or of Unit 1 state at onto North Pl	ns/vehicles in tolved Unit 1 drived Unit 1 drived the front end he just did not easant Avenue	reported vehicle acident he parking lot of Leiss ver stated he turned into nd of Unit 2 which was t see Unit 2. Unit 2 drive and Unit 1 pulled in and Pa
n the listed icles off the his Officer real & Die off oparking lot parking lot led she was lick the fron hit 1 Driver: 2 GMC TRK	date, time Pare roadway acresponded and of North Pleas of Leiss Tool getting ready in the parking tend of her volume (PA License road and front end and	d upon arriva ant Avenue. & Die off of to pull out of g lot getting ehicle.	In made contact Upon talking v North Pleasant of the lot. Drive ready to pull out the lot of the lot. Unit 1 inserts as no other ocusie.	with the person with drivers invo Avenue and structure of Unit 1 state at onto North Planance info Ampants in his ve	ns/vehicles in tolved Unit 1 drived the front end he just did'ng easant Avenue Rockwood Forican Nationahicle and he wa	he parking lot of Leiss ver stated he turned into nd of Unit 2 which was a see Unit 2. Unit 2 driver and Unit 1 pulled in an and Unit 1 pulled in an a least least uninjured. Damage to Unit 2 Vehicle: 2012

	oli diliti o jolotilio i oli	R / Seat Belts Preliminar	
Customer's last name:		Inspection date:	12/18/2012
/ehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1134330186	VIN:	1G1PK5SC7C7
Mileage at inspection:	27,415	Inspection location: Ker	any Ross Chevrolet
nspected by:	Erik Kidwell		r Ave., Somerset, PA 15501
nspector's phone number:	248-687-4343	Address. 2000 N. Cente	Ave., Somerset, FA 15501
as a dealer technician used Yes, number of hours?	? Yes x	No	Number of photos 58
possible, document the RO		N/A	Number of DTCs 0
laximum vehicle speed taker id CDR detect a rollover eve		21 mph No	
Section 1	INSPEC	TION SUMMARY	
ot. She gathered her coffee ous that would make her late	r 7, 2012, Mrs. arrived arrived ng coffee and then headed do and prepared to get back on to to work. At about 6:45am sho	own North Pleasant Ave when she the road before she potentially wo e started looking to pull out of the	k. She had stopped at the nearby Turk pulled into Leiss Tool & Dye's parking uld get caught behind a morning school parking lot. Mrs. poticed a tractor same time a GMC pick-up belonging to
He later told Mrs. that was just starting to accelerate OTE: FOR ALLEGATIONS	he didn't even see her sitting e. OF AN INADVERTENT DEPI	there. Mrs. stated that she	rned into the Chevrolet Cruze head on was going about 5 mph because she COMPLETE THE INADVERTENT
He later told Mrs. that was just starting to accelerate OTE: FOR ALLEGATIONS IRBAG DEPLOYMENT INSP	he didn't even see her sitting e. OF AN INADVERTENT DEPL PECTION FORM.	there. Mrs. stated that she	was going about 5 mph because she
He later told Mrs. that that was just starting to accelerate OTE: FOR ALLEGATIONS RBAG DEPLOYMENT INSE	he didn't even see her sitting e. OF AN INADVERTENT DEPL PECTION FORM.	there. Mrs. stated that she	was going about 5 mph because she
He later told Mrs. that was just starting to accelerate TOTE: FOR ALLEGATIONS RBAG DEPLOYMENT INSERT Non-deployment (the airly Front Side	he didn't even see her sitting e. OF AN INADVERTENT DEPL PECTION FORM. bag did not deploy and the cla	there. Mrs. stated that she	was going about 5 mph because she
the later told Mrs. that was just starting to accelerate the starting the	he didn't even see her sitting e. OF AN INADVERTENT DEPL PECTION FORM. bag did not deploy and the claim other with a collision, (the claimant see her sitting to the sitting e.	there. Mrs. stated that she	was going about 5 mph because she
He later told Mrs. that was just starting to accelerate one of the starting of the start	he didn't even see her sitting e. OF AN INADVERTENT DEPL PECTION FORM. bag did not deploy and the cla	there. Mrs. stated that she	was going about 5 mph because she
He later told Mrs. that was just starting to accelerate the vas ju	he didn't even see her sitting e. OF AN INADVERTENT DEPL PECTION FORM. Dag did not deploy and the claimant so the claimant so ther	stated that she	was going about 5 mph because she COMPLETE THE INADVERTENT en it should not have)
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He later told Mrs. that was just starting to accelerate the vas ju	he didn't even see her sitting e. OF AN INADVERTENT DEPLOPECTION FORM. Dag did not deploy and the claimant solution, (the claimant solution) of ther G. the claimant states that the	chere. Mrs. stated that she stated that with should have states that the airbag deployed who airbag deployed late or only partial	complete the inadventent
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He later told Mrs. that was just starting to accelerate was ju	he didn't even see her sitting e. OF AN INADVERTENT DEPLECTION FORM. Dag did not deploy and the claimant solicity of the claimant states that the Other Ty in a collision (the claimant solicity in a collision).	chere. Mrs. stated that she stated that with should have states that the airbag deployed who airbag deployed late or only partial	complete the inadventent
He later told Mrs. that was just starting to accelerate was ju	he didn't even see her sitting e. OF AN INADVERTENT DEPLECTION FORM. Dag did not deploy and the claimant solicity of the claimant states that the Other Ty in a collision (the claimant solicity in a collision).	chere. Mrs. stated that she stated that with should have states that the airbag deployed who airbag deployed late or only partial	complete the inadventent
He later told Mrs. that was just starting to accelerate vas ju	he didn't even see her sitting e. OF AN INADVERTENT DEPLEMENT DEP	chere. Mrs. stated that she stated that with should have states that the airbag deployed who airbag deployed late or only partial	complete the inadventent
He later told Mrs. that was just starting to accelerate vas ju	he didn't even see her sitting e. OF AN INADVERTENT DEPL PECTION FORM. Dag did not deploy and the claimant solition, (the claimant solition) (the cl	aimant states that it should have) states that the airbag deployed who airbag deployed late or only partia	was going about 5 mph because she COMPLETE THE INADVERTENT en it should not have) ally) g caused an injury)
The later told Mrs. that was just starting to accelerate vas j	he didn't even see her sitting e. OF AN INADVERTENT DEPL PECTION FORM. Dag did not deploy and the claimant solition, (the claimant solition) (the cl	aimant states that it should have) states that the airbag deployed who airbag deployed late or only partia	was going about 5 mph because she COMPLETE THE INADVERTENT en it should not have) ally) g caused an injury)
He later told Mrs. that was just starting to accelerate was just accelerate was ju	he didn't even see her sitting e. OF AN INADVERTENT DEPLECTION FORM. Dag did not deploy and the claimant solition, (the claimant solition) (the clai	aimant states that it should have) states that the airbag deployed who airbag deployed late or only partia	was going about 5 mph because she COMPLETE THE INADVERTENT en it should not have) ally) g caused an injury)
He later told Mrs. that was just starting to accelerate was ju	he didn't even see her sitting e. OF AN INADVERTENT DEPLOPECTION FORM. Dag did not deploy and the claimant so the claimant so the claimant so the claimant states that the lother. Ty in a collision (the claimant so the claimant states that the seat belt mant states that the seat belt mant states the seat belt systematics.	aimant states that it should have) states that the airbag deployed who airbag deployed late or only partia	was going about 5 mph because she COMPLETE THE INADVERTENT en it should not have) ally) g caused an injury)

Customer's last name:		The same of the sa	1011015515
		Inspection date:	12/18/2012
/ehicle brand:	Chevrolet	Year/Model:	2012 Cruze
case #:	71-1134330186	VIN:	1G1PK5SC7C7
ras presented after a front of peed front collision with a part of the site was investigated CDR indicated a non depart of the exterior walk around driver's front center to the compartment. A large curhood could not be opened to feel along the upper rate of the engine compartment, seen as being bent and to (photos 10, 15, and 42-4).	pick-up estimate at 15 mph by Noted shortly after the incident but in ployment event (report attached were taken to gauge possible of a inspection was consistent with e driver's headlamp area. The Note and visual confirmation of the adiator support and found the wested while on a lift. The plastic, there was no sign of a coolant the tops pushed into the engine (3)	airbag had not deployed during. In oremaining evidence was find) In anges in wheel base. (photon Mrs. It is statement. Day Inhood was going to have to be the moving a front impact sensor could revires and the sensors intact as a cladding that is found under the leak or any other fluid detects. Scratches could be seen of the sensor could be seen of the sensor could be seen of the sensors of th	ring the accident. The accident was a low ound. (photos 56-58)
well. The SDM operation	n and condition was checked alo g the investigation. (photos 11-1	ong with the passenger pres	ence system. No fault codes were found in
nterviewee name:			
ddress:		Apollo, PA	
hone number:			
	12/14/2012		
Date of interview:	e or in person) Telephone		
pate of interview: Interview mode: (Telephone plice report? Ite report? Ite report. Ite repor	Yes No X No	Driver's Trip Informulates 1 15	mation Distance Driver's Estimated Speed 59 5 mph
late of interview: Interview mode: (Telephone lice report? e report? iver's Physical Description ame: bender: leight: veight: 122 visabilities: None	Yes No X No	Hours Minutes 1 15	Distance Driver's Estimated Speed 59 5 mph
lice report? e report? e report? liver's Physical Description leight: 5'1" leight: 5'1" leight: 122 lisabilities: None exact incident location: To Somerset, PA	re or in person) Telephone Yes No Yes X No The parking of of Leiss Tool and	Hours Minutes 1 15 Dye Exact incident da	Distance Driver's Estimated Speed 59 5 mph te & time: 12/07/2012 at 6:45 a.m.
lice report? e report? e report? liver's Physical Description leight: 5'1" leight: 5'1" leight: 122 lisabilities: None exact incident location: To Somerset, PA	re or in person) Telephone Yes No Yes X No The parking of of Leiss Tool and	Hours Minutes 1 15	Distance Driver's Estimated Speed 59 5 mph te & time: 12/07/2012 at 6:45 a.m.
lice report? e report? iver's Physical Description lice report? iver's Physical Description lame: leight: 5'1" leight: 122 lisabilities: None lexact incident location: To Somerset, PA leather condition & visib	re or in person) Telephone Yes No Yes X No The parking of of Leiss Tool and	Hours Minutes 1 15 Dye Exact incident da Approximate tem	Distance Driver's Estimated Speed 59 5 mph te & time: 12/07/2012 at 6:45 a.m.
ate of interview: Interview mode: (Telephone Ilice report? Iver's Physical Description Identification: Identification: Female Identification: Telephone Interview mode: (Telephone Inte	Yes No Yes X No The parking ot of Leiss Tool and wility: Dawn and raining X Yes No No No No No No No No No No No No No	Hours Minutes 1 15 Dye Exact incident da Approximate tem the incident?	Distance 59 5 mph te & time: 12/07/2012 at 6:45 a.m. p (°F):45-50
ate of interview: Iterview mode: (Telephone It	Yes No Yes X No The parking ot of Leiss Tool and wility: Dawn and raining X Yes No No No No No No No No No No No No No	Hours Minutes 1 15 Dye Exact incident da Approximate tem the incident?	Distance 59 5 mph te & time: 12/07/2012 at 6:45 a.m. p (°F):45-50
Date of interview: Interview mode: (Telephone Dice report? Interview mode: (Telephone Interview mode:	Yes No Yes X No The parking ot of Leiss Tool and wility: Dawn and raining X Yes No No No No No No No No No No No No No	Hours Minutes 1 15 Dye Exact incident da Approximate tem the incident?	Distance 59 5 mph te & time: 12/07/2012 at 6:45 a.m. p (°F):45-50

Age:

Age:

R006			A Completion of the Completion
Vallata bassada	Ob a second seco	Inspection date:	12/18/2012
Vehicle brand:	Chevrolet 74 4424220496	Year/Model:	2012 Cruze
Case #:	71-1134330186	VIN:	1G1PK5SC7C7
where were the other or ont Row: econd Row: hird Row: If the vehicle is a truct trailer Load description: my objects in the road? yes, describe: id vehicle leave the road yes, what was impacted. Was there any evasive a	Right Front Right Rear Right Rear Right Rear Center Center Cor a car trailering cargo at the time Yes x No dway? x Yes No In parking lot	Left Rear Left Rear	al weight of cargo and 0 (lbs)
as there any evasive a	ction? Turning Br	aking Accelerating	Other:
Road Surface:	Concrete x Aspha	It Gravel (Crushed Rock Dirt
Road Condition:	Dry x Wet		Other:
Shoulder/Curb Conditio		lcy	Other: Dirt
Select One>	Shoulder x Curb		7.00
Yes, from where?	g, pop, tick, grinding, metallic, roar, etc ent, were there any warning lights on, o he Driver's Information Center?		x No
yes, how often?		Yes x No Yes x No Yes x No	
Additional comments	concerning the incident:		
Section 3		HISTORY	
any information for the relationship, if any Name: Address: Phone number: Relationship to claiman	to the claimant		ant vide the name, address, phone numb
Neiduonanip to ciaiman			
id the owner purchase tyes, date of purchase?		No	

GM Confidential Version 2 Effective 3/23/2012

	Inspection date:	12/18/2012
Chevrolet	Year/Model:	2012 Cruze
		1G1PK5SC7C7
the name, address of the seller a	and data of purchase:	
ranty? Yes x No riptions of the repair(s) and repair	elephone number. Invoices if possible:	opies of the repair order(s) if possible, a
vice? Yes X No	Description	
Yes x No	Description	
service, repair, or replacement? g:	Yes x No Description	
wned, the current owner may not	know of any/all changes to the	
		Headers
	T1-1134330186 The name, address of the seller at the name, address of the name	the name, address of the seller and data of purchase: RVICE HISTORY By of the following three questions, describe the repairs. Obtain conservice facility, its address, and telephone number. Franty? Yes X No riptions of the repair(s) and repair invoices if possible: Repair Description / By Whom? Repair Description Pescription Pescription Pescription CONS / ALTERATIONS Remodifications or alterations present, and has any after-market edwned, the current owner may not know of any/all changes to the conservations of the current owner may not know of any/all changes to the conservations.

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? x Yes No If "No", describe:
How was download obtained?
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 <u>any damage</u> 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 <u>any damage</u> 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 <u>any damage</u> 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 <u>any damage</u> 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 <u>any damage</u> 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 <u>any damage</u> 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?

	Yes
	Yes
	Yes
	Yes
	Yes
Χ	Yes
	Yes
	Yes
	Yes
	Yes

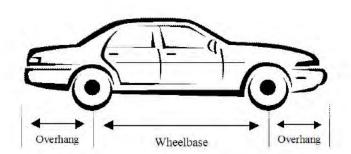
No
No

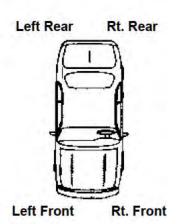
Identify and photograph the following (note the "non-struck" items):

- 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)?	x 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 Driver side front overhang Driver side rear overhang

106	į
37	
36	Ì

Passenger side wheelbase Passenger side front overhang Passenger side rear overhang

106
37
36

Maximum depth of crush (Inches):

12	Front	Driver's side	
	Rear	Passenger's side	
	Roof	,	

Additional commer	nts regard	ling exteri	or 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?

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:

GM Confidential Version 2 Effective 3/23/2012

R006 Restr	aint Systems	SIR / S	eat Belts	Preliminary Ins	pection v2.0
Customer's last name:				ion date:	12/18/2012
Vehicle brand:	Chevrolet		Year/M		2012 Cruze
Case #:	71-1134330186		VIN:		1G1PK5SC7C7
0.000					
Door hinges on struck side dama	aned?			Yes	No
Door hinges on struck side sepa				Yes	No
Damage to striker/latch system?	idiod:			Yes	No
Any rubber or paint transferred to	the subject vehicle	?		Yes	No
Damage from extrication tools (e		•		Yes	No
Separation of sheet metal along		rocker nan	els etc \2	Yes	No
Side door beam damaged? (Pho		TOOKOT Pari	010, 010):	Yes	No
Side beam welds separated (Pho				Yes	No
Interior door trim damaged?	otoo ii poodibio).			Yes	No
Interior roof trim damaged near of	door opening?			Yes	No
moner reer time damaged near c	zoor opermig.			1 100	110
Additional comments:					
Photograph the following:					
Hinges on non-struck side		verhead vi	ew (if possib	ole)	1
Latch/striker on non-struck side			non-struck		
Underbody, front & rear suspension	on H	eadliner / r	oof trim on r	non-struck side	
Striking vehicle (If available)		ny other ve	hicles involv	/ed (if possible)	
INTERIOR INSPECTION (Photog	graph the side view				erior, and deployed airbags)
Interior reduced in size?		Yes	X No	Where:	
Intrusion by an external object?		Yes	X No	Describe:	
Loose objects inside?		Yes	X No	Describe:	
Cowl deformed?		Yes	X No	Describe:	
Floorpan / Toepan deformed?		Yes	X No	Describe:	
Headliner / visors damaged?		Yes	X No	Describe:	
Inside rear-view mirror damaged		Yes	X No	Describe:	
Door trim damaged?		Yes	X No	Describe:	
Steering column displaced?	11. 1 10	Yes	X No	Describe:	
Steering column capsule bracket		Yes	X No	Describe:	
Control knobs/ levers damaged?		Yes	X No	Describe:	
Accelerator/brake pedals deform	ea?	Yes		Describe:	
Instrument panel damaged?	-10	Yes	X No	Describe:	
Lower IP/Kneed bolster damage	0?	Yes	X No	Describe:	
If any of the following are "Yes"	' canture photogra	nhe			
Driver front airbag deployed?	, capture priotogra	Yes	X No	Describe:	1
Passenger front airbag deployed:	12	Yes	X No	Describe:	
Driver side airbag deployed?	1:	Yes	X No	Describe:	
Passenger side airbag deployed:	2	Yes	X No	Describe:	
Driver roof rail airbag deployed?	<u>:</u>	Yes	X No	Describe:	
Passenger roof rail airbag deployed:	red2	Yes	X No	Describe:	
Other? (pretensioners, etc.)	yeu:	Yes	X No	Other:	
Other: (pretensioners, etc.)		163	X NO	Other.	
Windshield (W/S) damaged? If Yes? W/S separated from vehicle?	Cracked	No Br	oken (Top ir % (App i		maged by occupant contact of perimeter separation
The doparated from veriloid:	70 (1 per and 1 an				
Steering wheel damaged? If Yes:	Yes x No Rim Hut))			
If yes, describe?					

Customer's last name:		/ Seat Belts Preliminar	12/18/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1134330186	VIN:	1G1PK5SC7C7
NOTE: The top of the stee Filt steering wheel? If yes, position? Felescoping steering wheel? If yes, position?	X Yes No X Med X Yes No X Med X Yes No Middle	clock, regardless if the wheel i	tself is turned.)
	and conduct a more extensive e	gn objects and water intrusion the examination of the area. Describ	at could damage the module or its wiring. be findings and photograph.
Type of front seat? CRIVER'S SEAT INFORMA Seat damage? If Yes, location? Seatback struck by rear occur If yes, describe:	Yes Seat bottom	x No Backrest Headre	0/40 Split Bench
RIGHT FRONT PASSENGE Seat damage? If Yes, location? Seatback struck by rear occur If yes, describe: Additional info regarding seat	Yes Seat bottom yes Yes	x No Backrest x No	est]
WINDOW INSPECTION Note all window conditions:			
RESTRAINT SYSTEM	7 (7 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1	from the on-board comput	ter(s)
f equipped, are the pretensions of the second of the secon	oners activated / deployed?	Yes X No	
x Driver front	Passenger front	Driver side (door/seat)	Passenger side (door/seat)
Driver knee bag	Passenger knee bag	Roof rail airbag(s)	Other:
x Driver pretensioner	Passenger pretensioner		

GM Confidential Version 2 Effective 3/23/2012

R006 Rest	raint Systems / :	SIR / Sea	t Belts F	Preliminary	Inspection	on v2.0	
Customer's last name:			Inspection			8/2012	
Vehicle brand:	Chevrolet		Year/Mod	el:	2012	2 Cruze	
Case #:	71-1134330186		VIN:		1G1	PK5SC7C7	
Actual Deployed SIR(s):							
Driver front	Passenger front		Oriver side (door/seat)	Passen	ger side (door	/seat)
Driver knee bag	Passenger knee bag	F	Roof rail airb	pag(s)	Other:		
Driver Pretensioner	Passenger Pretension	er					
INSPECT SIR WIRING and S SIR wiring damaged? SIR sensors damaged / disconne	Yes	X No X No					
If any airbag(s) deployed wa	s it the:						
Driver front airbag Bag material cut / torn? Transfer marks present (makeup,	clothing, etc.)		x No x No	Describe:			
Passenger front airbag Bag material cut / torn? Transfer marks present (makeup,	clothing, etc.)		x No x No	Describe:			
Driver side airbag Bag material cut / torn? Transfer marks present (makeup,	clothing, etc.)		x No x No	Describe:			
Passenger side airbag Bag material cut / torn? Transfer marks present (makeup,	clothing, etc.)		x No x No	Describe:			
Roof rail airbag Bag material cut / torn? Transfer marks present (makeup,	clothing, etc.)		x No x No	Describe:			
ALLEGATION THAT FRONT PA	SSENGER AIRBAG "	DID NOT DI	EPLOY" IN	A COLLISION			
Complete this section if the custom MY2007 NHTSA required all vel this feature prior to MY2007. Cevaluating those concerns.	nicles to be equipped	l with a Pas	senger Pre	sence System	.) Many veh	icles were equ	uipped with
If transfer marks are present, plea	ase provide:	Age		Height (feet	& inches)	W	eight (lbs)
Note: For details on the front p	assenger's physical	description	, please re	fer to Section 2	2.		
Record and photograph the passing Seat track position: Measure the moveable track positions track at the front. Is the track for Photograph the measurement.	Inches tion in relation to the s	tationary bas	se of the	Forwar	rd of	Back from]
Driver seat position and its distan	ce to the IP:	Inche	S				

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.

15 13		Inspection date:	12/18/2012
Vehicle brand:	Chevrolet	Year/Model:	2012 Cruze
Case #:	71-1134330186	VIN:	1G1PK5SC7C71

in the "on", or "run" position to perform the check.

Observe the PASSENGER airbag status indicator. Is the passenger airbag system "ON"? 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"? Airbag warning light came "ON" with the ignition key, blinked several times and stayed "ON"? Yes Yes

Describe any other results:

Turn on ignition, observe seat belt light. On? Buckle driver's seat belt. Seat belt light on?

Yes Yes

No 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 If "No", describe:	e? x Yes	No		
How was download obtained?	x ALDL / DLC	Directly from module us	ing adapter harness w/ Bosch	1 CDR
If the download was obtained direct If removed from the vehicle, descril obtained:				es No nload was
If removed from the vehicle, descril obtained:	pe/photograph the condition	ons under which the module	was mounted when the down	iload was

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 F AT THE TIME OF COLLISION.	OR S	SEAT BELT(S	S) P(OSITIONS O	F ALL OCCUPANTS	
Location of inspected seatbelts:						
x Driver Center front Passenger						
Driver's side rear Center rear Right rear	Thir	d Row				
Photograph: The overall belt assembly (both outboard positions, even if only the incident). All visible components of the seat belt system and anchor points	ne dri	ver was pres	ent i	n the vehicle	at the time of the	
If equipped, are the pretensioners activated / deployed? Yes X No						
NOTE: Answer the following questions for the driver's seat belt. If other seat be to report inspection results. Identify and photograph the following items:	elt po	sitions are in	spec	ted, use the	seat belt addendum	
Is the driver's seatbelt fully retracted? x 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 measurement	s and	d photos of th	e da	mage.		
Does the webbing spool in and out freely (minimal effort)?	Х	Yes Lap	X	No Shoulder		
Marks, cuts or debris present on shoulder and lap belt webbing?		Yes	Х	No		
Webbing energy management loops (if equipped) - stitches pulled free, unfolded, replacement/warning label exposed?		Yes	х	No		
Tack stitch separated from plastic sleeve?		Yes	х	No		
Webbing cut?		Yes	X	No		
Does guide loop assembly exhibit striations, bent, or deformed?		Yes	Х	No		
Does guide loop adjuster move up and down (if equipped)?		Yes	Х	No		
Does the seat belt buckle latch and unlatch?	Х	Yes		No		
Does the seat belt return to the stowed position when unbuckled?	Х	Yes		No		
Buckle condition (worn or foreign material present)?		Yes	Х	No		
Any components missing?		Yes	Х	No		
Does the seat belt return to the stowed position when unbuckled?	Х	Yes		No		
Any post-collision damage present (e.g. rescue workers)?		Yes	Х	No		
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 so belt addendum. Include it with your report.	eatin	g positions	and	report the re	esults on the seat	
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? If No , describe:		x Yes		No		
If vehicle is not drivable, jerk each belt inspected rapidly. (Note: Some inertia acretractors will not lock on this test.) Did the retractors lock? If No , which belts do not lock/hold?	ivate	d x	Yes	No]	
not look hold:						
Additional comments?						

GM Confidential Version 2 Effective 3/23/2012

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	

Section 5	SITE INSPECTION
NOTE: In most instances a site In	spection is not required on vehicles with no damage present (e.g. claimant says they hit a pot hole)
Was a site inspection performed? Comments?	x Yes No
Posted speed where the incident o	ccurred? (mph)
SITE INSPECTION: PERFORM T	HE FOLLOWING IF ADDITIONAL INFORMATION MAY BE FOUND:
	by the incident scene and verify tire marks, gouges in the pavement, debris, or any measure location of the items and photograph.
Identify evidence of wheth locations, distances, etc	ner the vehicle left the road prior to, during, or after the incident. Document all
Identify evidence & photographic incident.	graph any object struck by the vehicle on or off the road prior to, during, or after
 Inspect roadway & should excessive speed, severe l 	er surfaces in the area of the incident site for telltale signs of loss of control, braking, etc.
Photograph the scene and any p	roperty involved. Only factual comments should be entered in this section:
Section 6	COMMENT OVERFLOW
Please use this area for addition are continued from prior to each	al comments from the inspection form. Please note the section and area that the comments comment.
Section 7	OTHER REPORT INFORMATION
According to NHTSA, "f term also includes, but i smouldering, but does r	vidence of a "Fire-Related" event. ire" means combustion or burning of material in or from a vehicle as evidenced by flame. The is not limited to, thermal events and fire-related phenomena such as smoke, sparks or not include events and phenomena associated with a normally functioning vehicle, such as in an engine or exhaust from an engine.

x Other Records

x Photographs

x Data Downloads

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) : 1	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	<u>Damage</u> (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		
		Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7

Photo #	<u>Description Only</u>	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		£
		Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7

Section 2. Description and Photos

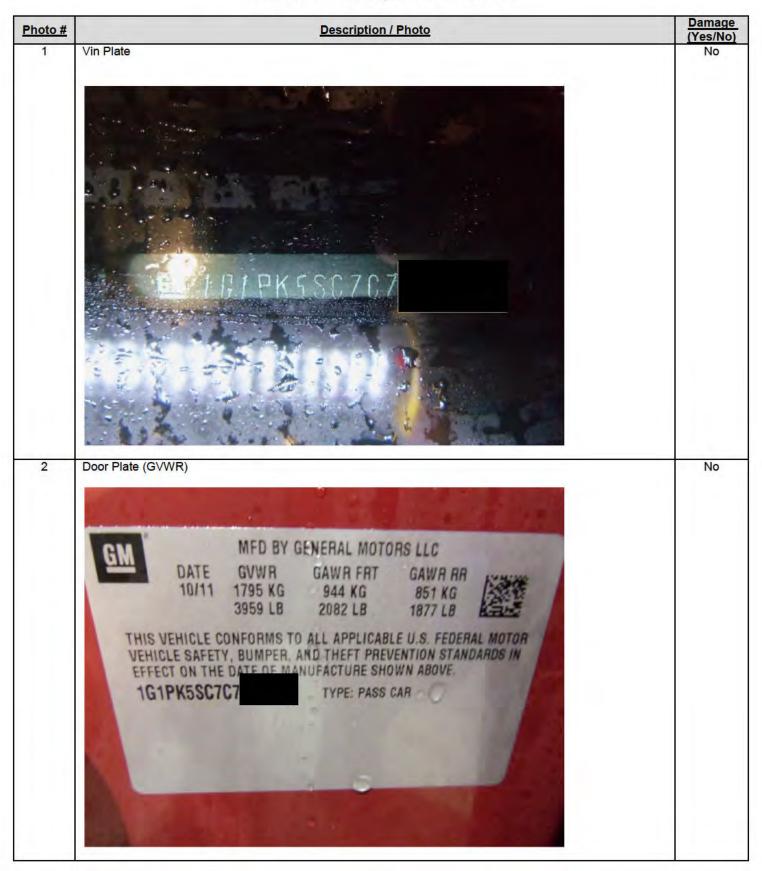


Photo Log & Photos for Preliminary Inspection v.2.1					
Customer's Last Name:					
	Chevrolet	Year/Model:	2012 Cruze		
File Case #	71-1134330186	VIN:	1G1PK55C7C7		

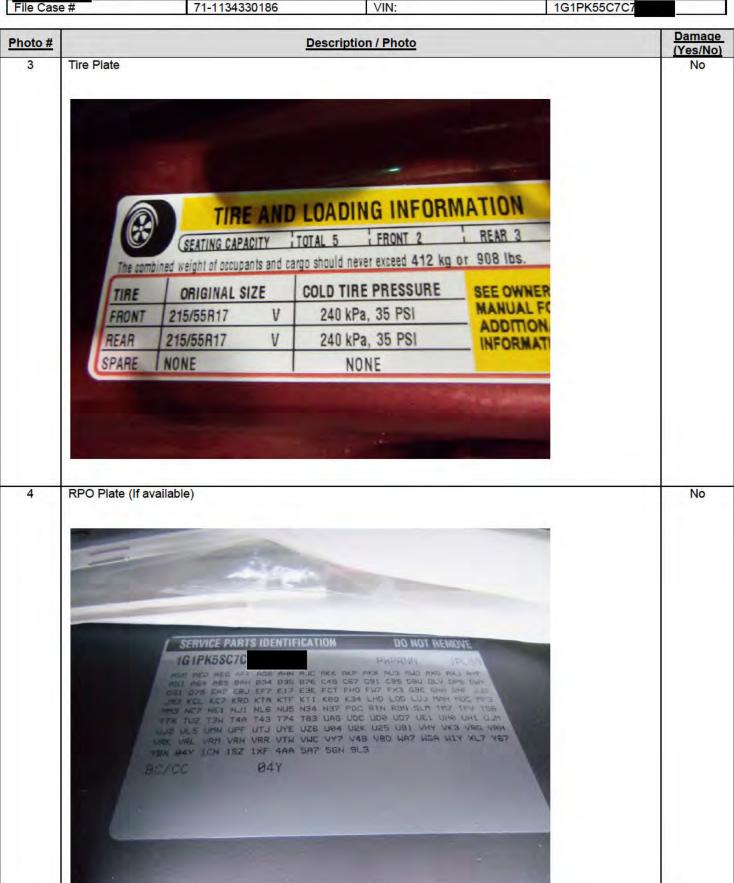


Photo Log & Photos for Preliminary Inspection v.2.1				
Customer's Last Name:		Inspection Date:	12/18/2012	
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze	
File Case #	71-1134330186	VIN:	1G1PK55C7C7	

Photo #	Description / Photo	<u>Damage</u> (Yes/No)
5	IP Cluster / Odometer	No



6 Front (Exterior) Yes

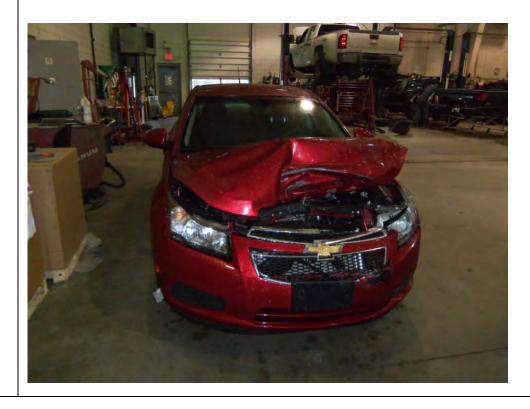


Photo Log & Photos for Preliminary Inspection v.2.1					
Customer's Last Name:		Inspection Date:	12/18/2012		
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze		
File Case #	71-1134330186	VIN:	1G1PK55C7C7		

File Case	e #	71-1134330186	VIN:	1G1PK55C7C7	
					Damage
Photo #			Description / Photo		Damage (Yes/No)
7	Passenger's Side (Ex	tterior)			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	<u>Damage</u> (Yes/No)
9	Driver's Side (Exterior)	Yes



10 Under Hood Yes

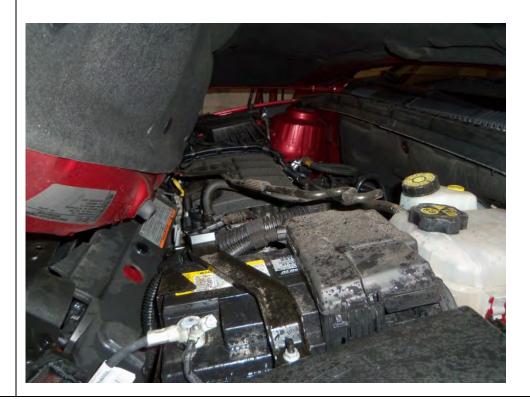


Photo Log & Photos for Preliminary Inspection v.2.1				
Customer's Last Name:		Inspection Date:	12/18/2012	
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze	
File Case #	71-1134330186	VIN:	1G1PK55C7C7	

File Case	; # / 1	·1134330186	VIN:	1G1PK55C7C7	
Photo #		Des	scription / Photo		<u>Damage</u> (Yes/No)
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	

Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze 1G1PK55C7C7
File Case #	71-1134330186	VIN:	1G1PK55C7C7
			Dama
Photo #		Description / Photo	<u>Dama</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	

File Cas	e #	71-1134330186	VIN:	1G1PK55C7C7	
Photo #		Des	scription / Photo		Damage (Yes/No
15	Underbody				No
16	Side View of Ste	eering Column			No

٠,

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	

File Case	e #	71-1134330186	VIN:	1G1PK55C7C7	
Photo #		<u>Des</u>	cription / Photo		Damage (Yes/No)
17	Passenger Presence	e System Operation Off			No No
18	Passenger Presence	e System Operation On	PARE DO		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	





20 SDM No Codes Present No

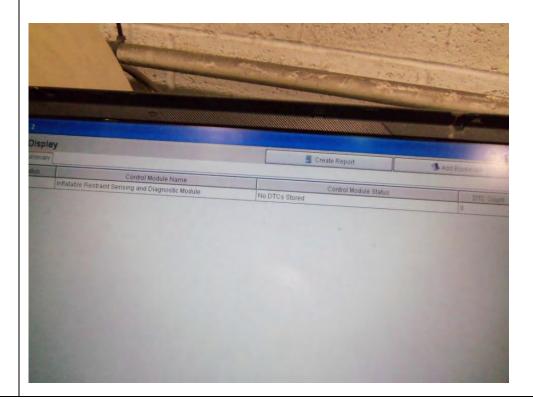


Photo Log & Photos for Preliminary Inspection v.2.1				
Customer's Last Name:		Inspection Date:	12/18/2012	
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze	
File Case #	71-1134330186	VIN:	1G1PK55C7C7	

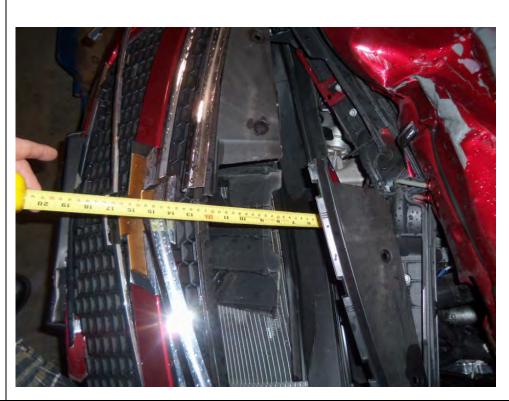
File Cas	e #	71-1134330186	VIN:	1G1PK55C7C7	
Photo #		<u>D</u> (escription / Photo		<u>Damage</u> (Yes/No)
21	Driver's Front Door H	linges			No
22	Passenger Front Doo	or Hinges			No

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 #	File Case # 71-1134330186 VIN: 1G1PK55C7C7				

Photo #	Description / Photo	<u>Damage</u> (Yes/No)
23	Point of Impact	Yes



24 Point of Impact Measurement to Upper Radiator Support



	Phot		
		Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7



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	

	71-1134330166 VIIV. 11G1FR33C7C7	Domesia
Photo # 27	Passenger Hood Hinge	Damage (Yes/No) Yes
28	Overlap of Driver's Fender to Hood	Yes

	Phot		
		Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7

File Case	e #	71-1134330186	VIN:	1G1PK55C7C7	
Photo #		Des	scription / Photo		<u>Damage</u> (Yes/No) Yes
29	Overlap of Passeng	er Fender to Hood			Yes
30	Damage to Hood				Yes

	Photo Log & Photos	s 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	<u>Damage</u> (Yes/No)
31	Damage to Hood and Front Bumper	Yes



32 Damage to Hood and Driver's Headlamp

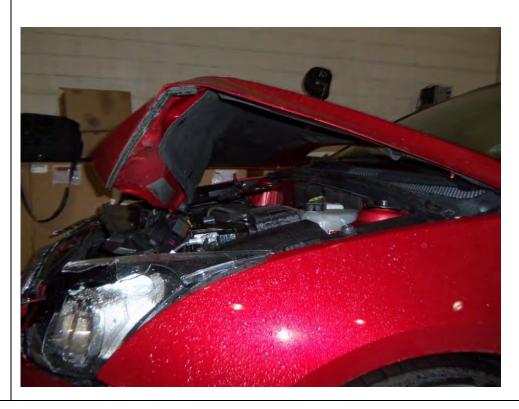


Photo Log & Photos for Preliminary Inspection v.2.1			
Customer's Last Name:		Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7

71-1134330186	VIN:	1G1PK55C7C7	
<u>D</u>	Description / Photo		Damage (Yes/No)
			Yes
ge to Grille Driver's Side			Yes
	71-1134330186 Dom Passenger Side of Hood Get to Grille Driver's Side	Description / Photo om Passenger Side of Hood	Description / Photo om Passenger Side of Hood

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	<u>Damage</u> (Yes/No)
35	Damage to A/C Condenser	Yes



36 Piece Missing from Front Bumper Reinforcement



	Phot		
		Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7

File Case	e #	71-1134330186	VIN:	1G1PK55C7C7	
Photo #			scription / Photo		Damage (Yes/No
37	Tiece Missing Home	Front Bumper Reinforcement			Yes
38	Front Bumper Reinfo	orcement			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			
39	Damage to Driver's Front Headlamp	Yes		



40 Front Bumper Cover Alignment to Passenger Fender

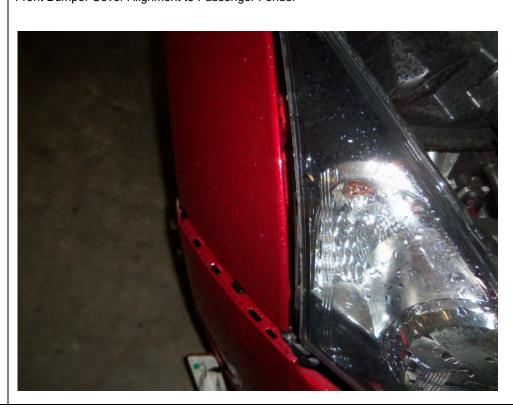


Photo Log & Photos for Preliminary Inspection v.2.1			
Customer's Last Name:		Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7

Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze	
File Case #	71-1134330186	VIN:	1G1PK55C7C7	
	_			Damago
<u>Photo #</u>		scription / Photo		Damage (Yes/No
41 Driver's Fend	er Rubbing on Front Door			Yes
42 Scrapes on F	ront 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

File Case) #	71-1134330186	VIN:	1G1PK55C7C7	
Photo #		Des	scription / Photo		Damage (Yes/No
43	Scratched on Unc	derside of Front Bumper			Yes
	Source And	tion the speciment of the transmitted			
44	Driver's Wheel Ba	ase 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 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	

Vehicle Brand:		Chevrolet	Year/Model:	2012 Cruze	
File Case #		71-1134330186	VIN:	1G1PK55C7C7	
Photo #		Dos	cription / Photo		Damage (Yes/No
	er's Front Overh	ang Measurement	<u> </u>		No
33	3 .3.4 84 85 86 87	35 363 37 88 89 90 91 92 93 94	38 39 40 95 96 97 98 99 100 101	0 4.1 102 103 104	
48 Drive	er's Rear Overh	ang 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	3 34 35 37 38 38 89 90 91 92 93 94 95 96 97 98	No
50	Passenger Wheel Base Measurement Passenger Wheel Base 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

File Case	9 # 71-1134330186 VIN: 1G1PK55C7C7	
Photo #	Description / Photo	<u>Damage</u> (Yes/No)
51	Passenger Wheel Base Measurement 104 105 106 107 263 264 265 266 267 268 269 270 271 272 27	No
52	Passenger 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	

Chevrolet	Year/Model:	2012 Cruze	
71-1134330186	VIN:	1G1PK55C7C7	
_			Damage
	cription / Photo		Damage (Yes/No)
	38 39 96 97 98 99 100 10	40 1 102 W	No
ear Overhang Measurement			No
	ont Overhang Measurement 35 363 37 88 990 91 92 93 94 95	Description / Photo Ont Overhang Measurement 37 38 39 39 99 99 99 99 99 99 99 99 99 99 99	Description / Photo ont Overhang Measurement 35 39 40 39 99 99 99 99 99 99 99 99 99 99 99 99

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

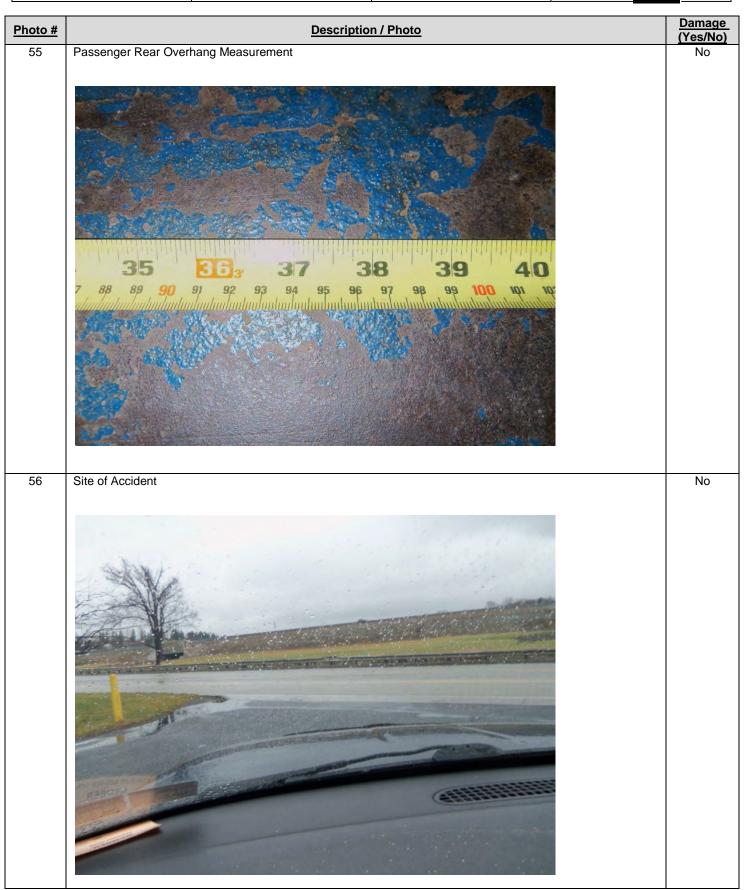


Photo Log & Photos for Preliminary Inspection v.2.1			
Customer's Last Name:		Inspection Date:	12/18/2012
Vehicle Brand:	Chevrolet	Year/Model:	2012 Cruze
File Case #	71-1134330186	VIN:	1G1PK55C7C7

File Case	e #	71-1134330186	VIN:	1G1PK55C7C7	
Photo #		<u></u>	Description / Photo		Damage (Yes/No)
57	Site of Accident				No
58	Site of Accident				No

Jose Garcia/Austin/GM1 12/18/2012 01:00 PM

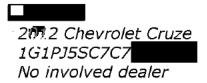
To jerry.w.bryant@gm.com

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.



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

Best wishes, Joe Garcia | CRS

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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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To robert.kozlowski@gm.com

СС

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
2012 Chevrolet Cruze
VIN 1G1PC5SH0C7
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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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
2012 Chevrolet Cruze
VIN 1G1PF5SC3C7
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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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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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.

2012 Chevrolet Cruze 1G1PC5SH3C7

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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02/21/2013 09:27 AM

To rich.volpe@gm.com

СС

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.

2012 Chevrolet Sonic 1G1JA5SH5C4.

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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To earl.e.schafer@gm.com

03/01/2013 02:15 PM

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



RE: Service Request: 71-1160517173

2012 Chevrolet Sonic

Vehicle Identification Number: 1G1JC5SH5C4

Customer Relationship Specialist: Rita

Dear Mr.

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



RE: Service Request: 71-1160517173

2012 Sonic

Vehicle Identification Number: 1G1JC5SH5C4

Customer Relationship Specialist: Tonie

Dear Mr.

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

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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



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

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	
User		
Case Number	71-116051/1/3	
EDR Data Imaging Date	04/11/2013	
Crash Date	03/03/2013	
Filename	1G1JC5SH5C4 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 r oll 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 D eployment 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 so urce 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 s witch 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:

Data Flament

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	Positive Sign
Notation	
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

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Event Data (General)

Event Data (Ocheral)	
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 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 Yes
Algorithm Active: Frontal 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) Driver Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No No
Passenger Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No 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





North and formities Order OID Wassiss Laws on ON/OFF Ordinary	
Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	0
Ignition Cycles Since DTCs Were Last Cleared at Event Enable Diagnostic Trouble Codes at Event:	27 N/A
Fault type	N/A N/A
Diagnostic Trouble Codes at Event:	N/A
Fault type	N/A N/A
Diagnostic Trouble Codes at Event:	N/A N/A
Fault type	N/A N/A
Diagnostic Trouble Codes at Event:	N/A
Fault type	N/A N/A
Diagnostic Trouble Codes at Event:	N/A N/A
Fault type	N/A N/A
Diagnostic Trouble Codes at Event:	N/A
Fault type	N/A N/A
Diagnostic Trouble Codes at Event:	N/A N/A
Fault type	N/A
Diagnostic Trouble Codes at Event:	N/A
Fault type	N/A
	N/A N/A
Diagnostic Trouble Codes at Event: Fault type	N/A N/A
Time From Algorithm Enable to Maximum SDM Recorded Vehicle Velocity Change	IN/A
(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
#2 Command Chicha Wet (MSec)	





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

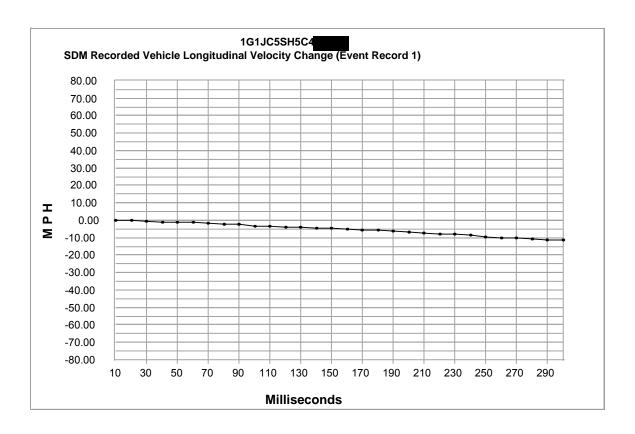
Times (sec)	Cruise Control Active	Cruise Control Resume Switch Active	Cruise Control Set Switch Active	Engine Torque (lb-ft [N-m])	Reduced Engine Power Mode Indicator
-1.0	No	No	No	15 [20]	Off
-0.5	No	No	No	41 [55]	Off

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]





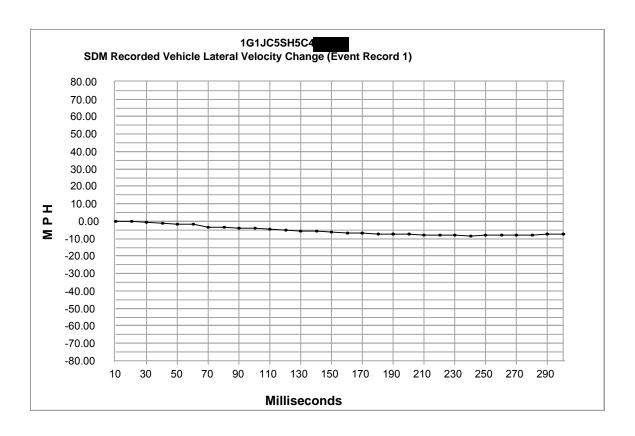


Time (msec)	Delta-V, longitudinal (MPH)	Delta-V, longitudinal (km/h)
10	0.0	0.0
20	0.0	0.0
30	-0.6	-1.0
40	-1.2	-2.0
50	-1.2	-2.0
60	-1.2	-2.0
70	-1.9	-3.0
80	-2.5	-4.0
90	-2.5	-4.0
100	-3.1	-5.0
110	-3.1	-5.0
120	-3.7	-6.0
130	-3.7	-6.0
140	-4.3	-7.0
150	-4.3	-7.0
160	-5.0	-8.0
170	-5.6	-9.0
180	-5.6	-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
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
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
30 30 30 30 30 30 54 30 30 30 30 30 30 30 30
DID $0F
30 30 30 30 30 30 54 30 30 30 30 30 30 30 30
DID $30
00 00 01 01
DID $90
31 47 31 4A 43 35 53 48 35 43 34 31 38 34 36 37 35
DID $9A
03 01
DID $B4
41 53 32 37 31 39 54 31 32 30 38 36 30 31 38 30
DID $C1
01 5D C5 DA
```





DID \$C2 05 B7 94 77

DID \$C3 00 CE 01 A1

DID \$CB 01 5D C5 DF

DID \$31

0000 A5 70 00 00 01 01 0F 06 1B FF FF 00 00 00 00 00 00 00 00 00 0010 0020 5C FC FC F0 20 60 F0 40 00 1B 0030 00 00 00 01 40 00 00 1B 1E 13 0040 14 18 06 C9 07 0E 11 1B 08 06 0050 05 27 29 2C 2F 37 00 FF FD 00 0060 00 1B FF FF FF FF FF FF FF 0070 FF FF FF FF FF FF FF FF 0800 FF FF FF FF FF FF FF 25 6A 71 FF FF FF FF FF FF FF 0090 0100 7F 7F 7F 7F 7E 7E 7D 7D 7C 7D 7C 7C 7A 7B 7A 7B 79 7A 79 0110 0120 7A 78 79 77 79 76 78 76 78 75 0130 77 74 76 74 76 73 75 73 74 73 0140 73 72 72 72 72 72 71 71 70 72 0150 6F 72 6F 72 6E 72 6D 73 6D 73 0160 FF 0170 0180 FF FF FF FF FF FF FF FF 0190 FF FF FF FF FF FF FF FF FF 0200 FF FF FF FF FF FF FF FF FF 0210 FF FF FF FF FF FF FF FF FF 0220 FF FF FF FF FF FF FF FF 0230 FF FF FF FF FF FF FF FF 0240 FF FF FF FF FF FF FF मम मम 0250 FF 0260 FF FF FF FF FF FF FF FF 0270 0280 FF FF FF FF FF FF FF FF FF 0290 FF FF FF FF FF FF FF FF FF 0300 FF FF FF FF FF FF FF FF 0310 FF FF FF FF FF FF FF FF 0320 FF FF FF FF FF FF FF FF 0330 FF 0340 0350 FF FF FF FF FF FF FF FF 0360 FF FF FF FF FF FF FF FF 0370 FF FF FF FF FF FF FF FF 0380 FF FF FF FF FF FF FF FF 0390 FF FF FF FF FF FF FF FF 0400 FF FF FF FF FF FF FF मम मम 0410 FF FF FF FF FF FF FF FF 0420 FF 0430 FF FF FF FF FF FF FF FF 0440 0450 FF FF FF FF FF FF FF FF FF 0460 FF FF FF FF FF FF FF FF 0470 FF 0480 0490 FF FF FF FF FF FF FF FF

DID \$32





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0000	FF			FF		FF	FF	FF	FF	
0010	FF	FF	00	00	FF	EB	FF	FF	FF	F0
0020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0030	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0040	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0050	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0060	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0070	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0800	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0090	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0100	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0110	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0120	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0130	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0140	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0150	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0160	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0170	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0180	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0190	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0200	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0210	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0220	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0230	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0240	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0250	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0260	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0270	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0280	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0290	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0300	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0310	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0310	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0320	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0340	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0340	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0360	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0370	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0380	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0390	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0400	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0410	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0420	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0430	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0440	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0450	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0460	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0470	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0480	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0490	FF	FF	FF	FF	FF	FF	FF	FF	00	00
DID \$33										
0000	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0010	FF	FF	00	00	FF	EB	FF	FF	FF	F0
0020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0030	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0040	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0050	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0060	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0070	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF

0110 FF FF FF FF FF FF FF FF FF

FF FF FF FF FF FF FF FF

0100

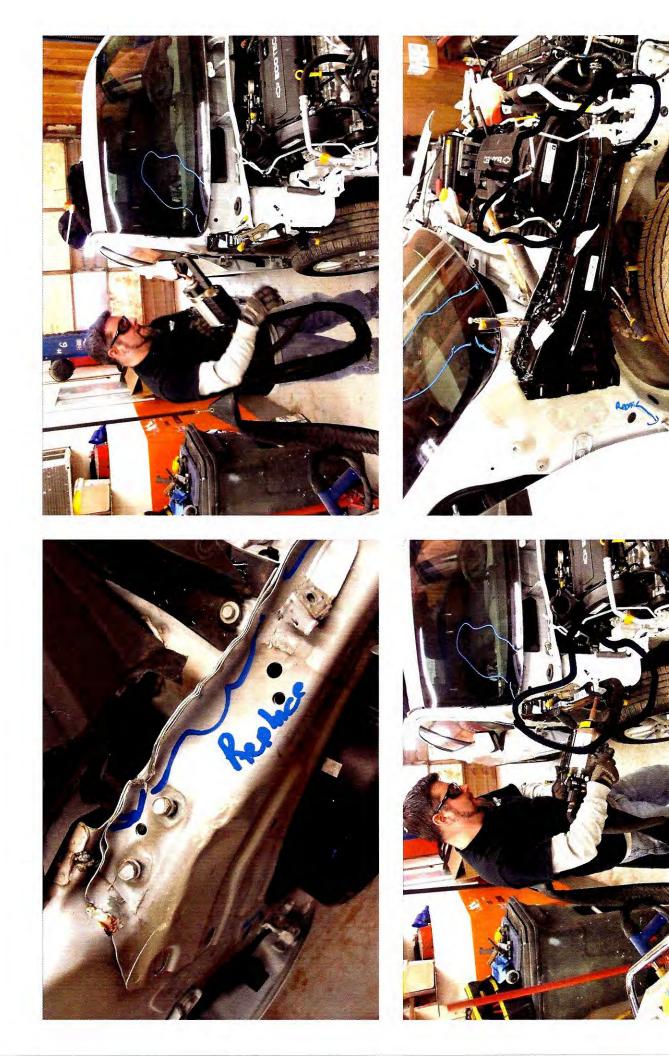




0120 FF FF FF FF FF FF FF FF 0130 FF FF FF FF FF FF FF FF 0140 FF FF FF FF FF FF FF FF 0150 FF FF FF FF FF FF FF FF 0160 FF FF FF FF FF FF FF FF 0170 FF FF FF FF FF FF FF FF 0180 FF FF FF FF FF FF FF FF 0190 FF FF FF FF FF FF FF FF 0200 FF FF FF FF FF FF FF FF FF 0210 FF FF FF FF FF FF FF FF 0220 FF FF FF FF FF FF FF FF 0230 FF FF FF FF FF FF FF FF 0240 FF FF FF FF FF FF FF FF 0250 FF FF FF FF FF FF FF FF 0260 FF FF FF FF FF FF FF FF 0270 FF FF FF FF FF FF FF FF FF 0280 FF FF FF FF FF FF FF FF FF 0290 FF FF FF FF FF FF FF FF 0300 FF FF FF FF FF FF FF FF 0310 FF FF FF FF FF FF FF FF 0320 FF FF FF FF FF FF FF 0330 FF FF FF FF FF FF FF FF 0340 FF FF FF FF FF FF FF FF FF 0350 FF FF FF FF FF FF FF FF FF 0360 FF FF FF FF FF FF FF FF 0370 FF FF FF FF FF FF FF FF FF 0380 FF FF FF FF FF FF FF FF 0390 FF FF FF FF FF FF FF FF 0400 FF FF FF FF FF FF FF FF 0410 FF FF FF FF FF FF FF FF 0420 FF FF FF FF FF FF FF FF 0430 FF FF FF FF FF FF FF FF FF 0440 FF FF FF FF FF FF FF FF FF 0450 FF FF FF FF FF FF FF FF FF 0460 FF FF FF FF FF FF FF FF 0470 FF FF FF FF FF FF FF FF 0480 FF FF FF FF FF FF FF FF 0490 FF FF FF FF FF FF FF 00 00

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ADIRONDACK INSURANCE EXCHANGE TOWER GROUP PL CLAIMS

FOR SUPPLEMENTS CALL 203-815-5560 P.O BOX 5155

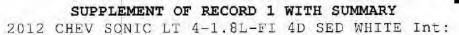
BUFFALO, NY 14240-9737

(888) 452-0374 Fax: (203) 907-1599

SUPPLEMENT OF RECORD 1 WITH SUMMARY

Written By: BOB QUINN #002094907 03/26/2013 12:46 PM Adjuster: Mary Leonard (888) 452-0374

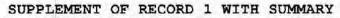
nsured Claim Owner Policy ddress Date of Loss: 03/03/2013 at 04:09 PM LEVITTOWN, NY Type of Loss: Collision vening: Point of Impact: 1. Right Front llular: Inspect Day: cation: NON DRIVE NEW Milford, CT Repair R&R COLLISION SPECIALTIES Other: cility: 94 sand pit rd 16 Days to Repair danbury, CT 06810 License # 2 CHEV SONIC LT 4-1.8L-FI 4D SED WHITE Int: 1: 1G1JC5SH5C4 NY Prod Date: Odometer: UNK · Conditioning Rear Defogger Tilt Wheel .escopic Wheel Intermittent Wipers Keyless Entry Message Center irm Tinted Glass 1 Mirrors Traction Control Stability Control ar Coat Paint Power Steering Power Brakes er Windows Power Locks Power Mirrors ted Mirrors AM Radio FM Radio Search/Seek Equalizer
Auxiliary Audio Connectio Satellite Radio :reo Player Driver Air Bag i-Lock Brakes (4) Passenger Air Bag .d/Curtain Air Bags Front Side Impact Air Bag Rear Side Impact Air Bags munications System Cloth Seats Bucket Seats omatic Transmission Aluminum/Alloy Wheels NO. OP. DESCRIPTION OTY EXT. PRICE LABOR 1 FRONT BUMPER & GRILLE 2 O/H bumper assy 2.7 3 Repl Bumper cover 310.30 Incl. 2.6 Add for Clear Coat 1.0 5 Repl RT Lower bracket 18.65 0.1 6 Repl RT Side retainer 1 6.45 Incl. 7 Repl RT Side retainer rivet 1 3.72 8 Repl RT Closing plate 1 43.48



NO.		OP.	DESCRIPTION ,	QTY	EXT. PRI	CE 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	34.23 265.00	0.3	
12		Repl	Lower deflector	1	81.78	Incl.	8
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			Lower grille	1	96.30		
	501		LT Closing plate		43.48		
18			FRONT LAMPS		0.70		
			A/M RT Headlamp assy	1	234.00	Incl.	
20		4-	Aim headlamps			0.5	
21			LT Headlamp assy			0.3	
	501		RT Fog lamp assy	1	69.55		
			AIR CONDITIONER & HEATER		400		
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			$m \overline{0.2}$	
31		Repl	RT Support arm (STL)	1	8.40	Incl.	0.3
32		19.75	Add for Clear Coat		2050	74.44 X	0.1
33		Repl	RT Reinforcement (STL)	1	10.43	0.8	100
34		-	RT Lamp bracket	1	18.93		
35			Sight shield	1			
36			Lower shield			Incl.	
37			Under cover	1	103.98		
38		-	HOOD				
39		Repl	Hood (STL)	1	307.60	1.3	2.6
10			Add for Clear Coat				1.0
11			Add for Underside(Complete)				1.3
42			Add for Clear Coat				0.3
13		Repl	RT Hinge	1	69.33	0.3	0.3
44		W. S. B. W.	Add for Clear Coat				0.1
15		Repl	Insulator	1	41.40	Incl.	1,700
16			Front w'strip	1	17.08	0.1	
17		-	Rear w'strip	1	26.98	Incl.	
18			Support rod retainer	1	3.90		
19			Latch w/anti-theft	1	41.50	Incl.	
	S01		LT Hinge	1	69.33	0.3	0.3
	S01	-	Add for Clear Coat			7.0-	0.1
			Release cable	1	6.60	0.8	7.70
53		2.5	FENDER		2142	87.4	
4		Repl	RT Fender	1	186.17	1.9	1.8
5			Overlap Major Adj. Panel	-	~~~*	4,5	-0.4
56			Add for Clear Coat				
			and tot offer boat				0.3

SUPPLEMENT OF RECORD 1 WITH SUMMARY 2012 CHEV SONIC LT 4-1.8L-FI 4D SED WHITE Int:

10.	OP.	DESCRIPTI	ON QTY	EXT.	PRI	CE	LABOR	F	AINT
							55555		0.5
1		Add for Edging Add for Clear Coat							0.1
									0.9
9	Bind	LT Fender	1	18	. 65		Incl.		
0	Repl	RT Fender liner RT Side shield 1.8	liter 1	18	.13		0.2		
1	Repl	RI Side Shield I.	1	26	. 43		0.2		
2	Repi	RT Air guide RT Applique	1	6	.08		Incl.		
3	Repi	RT Apron assy				S	5.0		0.9
5 50	nı Repl	RT Upper rail (HSS	3)	105	.25	s	3.0		0.7
6 S	ni	Overlap Minor Pane							-0.2
7	0 1	ENGINE / TRANSAXLE							
		77	1				Incl.		
59	Repl	Air cleaner body	1	43	.67	m	0.6		
20	Renl	Filter		36	.00	m	Incl.		
71 01	01 Repl	Intake duct w/reso	onator 1	100	.23		0.2		
72	or neps	FRONT DOOR							P20. 2
73* 51	01 Rpr	RT Door shell (STI	۱)				5.0		2.3
74 S	01	Overlap Major Adj	. Panel						-0.4
75 SI	01	Add for Clear Coat							0.4
	DOT	IT Bolt wistrin W.	o chrome				0.2		
17	Repl	RT Mirror assy W/I	power 1	103	.22		0.3		0.5
78		Overlap Minor Pane	el						-0.2
79		Add for Clear Coat							0.1
30	R&I	RT Handle, outside	e w/o chrome				0.4		
31	R&I	RT R&I trim panel					0.4		
0.0		COMI					1		
33	Rep	RT Cowl grille si	de seal 1	/	.58		inci.		
3 4	Rep	Cowl grille	1	41	. 90		0.0		
		Upper cover		56	.40	m	0.3		
36#	Sub	CAR COVER	1						
37#	Sub	CAR/COVER PRIMER		5					
88#	Sub.	ANTI-CORROSIVE PR	IMER 1		.00				
89#		UNDERCOATING/RUST			.00				
90#	Sub.	FLEX ADHESION PRO			.00	1	0.5		
91#	Rpr	COLOR MATCH TINTI	NG				2.0		
92# S	01	color sand	1				0.2		
93#	Rpr	DISCONNECT BATTER	Y AND RESET				0.2		
		ELECTRONICS	T CNOCE				2.0		
94#	Rpr	SET UP-MEASURE DI	AGNOSE				4.0	F	
95# S		PULL AND ALIGN FR	ONT UNIBODY	3	.00	Т	4.0	-	
96# S	01	HAZ WASTE REMOVAL			.00				
97# S		recon rt fr wheel	per inv +203 I		.10				
98# S		material diff per	imaged inv 1		.80				
99# S	01	add neg labor		113	. 00				
#00		NO SUPPLEMENTS W/	O PKIOK I						
	0.7	APPROVAL							
	01	COOLING	1	39	0.7		Incl.		
02 S	UI Rep	Lower baffle	1	93					



2012 CHEV SONIC LT 4-1.8L-FI 4D SED WHITE Int:

		OP.		DESCRIPTION	QTY	EXT.	PRICE	LABOR	PAINT
103	S01	97505	WINDSH	IELD			22222		
104*	S01	Repl	Windshiel	d NAGS	1	775	. 85	Incl.	
105#	501	Repl		ch repairs imaged	1	435		-	
			dec a/c s						
106				CHARGES		400	0.0		
107#	S01 		Towing		1	144	.37		
				Subtotals ==>		5127	. 84	38.7	19.2
								,,,,,,,,,,,	
	-	e Note	es: BUMPER						
				Parts					4020 45
								- E.S. (E.S.)	4939.47
				Rody Labor	21	7 hre	· a c	10 00 1hm	1665 60
				Body Labor				48.00/hr	1665.60
				Paint Labor	19.	2 hrs	8 @ \$	48.00/hr	921.60
				Paint Labor Frame Labor	19. 4.	2 hrs	8 0 \$	48.00/hr 48.00/hr	921.60 192.00
				Paint Labor Frame Labor Paint Supplies	19. 4.	2 hrs	8 0 \$	48.00/hr	921.60 192.00 441.60
				Paint Labor Frame Labor	19. 4.	2 hrs	8 0 \$	48.00/hr 48.00/hr	921.60 192.00
				Paint Labor Frame Labor Paint Supplies Sublet/Misc.	19. 4.	2 hrs	8 0 \$	48.00/hr 48.00/hr 23.00/hr	921.60 192.00 441.60 44.00
				Paint Labor Frame Labor Paint Supplies Sublet/Misc. Other Charges	19. 4. 19.	.2 hrs	8 0 \$	48.00/hr 48.00/hr 23.00/hr	921.60 192.00 441.60 44.00 144.37
				Paint Labor Frame Labor Paint Supplies Sublet/Misc. Other Charges	19. 4. 19.	.2 hrs .0 hrs .2 hrs	5 @ \$ 5 @ \$	48.00/hr 48.00/hr 23.00/hr \$ 6.3500%	921.60 192.00 441.60 44.00 144.37
				Paint Labor Frame Labor Paint Supplies Sublet/Misc. Other Charges SUBTOTAL Sales Tax TOTAL COST OF REPAIRS	19. 4. 19.	.2 hrs .0 hrs .2 hrs	5 @ \$ 5 @ \$	48.00/hr 48.00/hr 23.00/hr \$ 6.3500%	921.60 192.00 441.60 44.00 144.37 8348.64 530.14
				Paint Labor Frame Labor Paint Supplies Sublet/Misc. Other Charges SUBTOTAL Sales Tax	19. 4. 19.	.2 hrs .0 hrs .2 hrs	5 @ \$ 5 @ \$	48.00/hr 48.00/hr 23.00/hr \$ 6.3500%	921.60 192.00 441.60 44.00 144.37 8348.64 530.14
				Paint Labor Frame Labor Paint Supplies Sublet/Misc. Other Charges SUBTOTAL Sales Tax TOTAL COST OF REPAIRS ADJUSTMENTS:	19. 4. 19.	.2 hrs .0 hrs .2 hrs	5 @ \$ 5 @ \$	48.00/hr 48.00/hr 23.00/hr 5 6.3500%	921.60 192.00 441.60 44.00 144.37

J 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 MAGE WILL BE PROVIDED IF DIRECTLY RELATED TO THE CLAIM. NO ADDITIONAL (MENT UNLESS APPROVED BY A COMPANY REPRESENTATIVE IN WRITING

PRAISER CONTACT #'S 203-815-5560

E MAIL: RQUINN@TWRGRP.COM



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DATE ENTERED 07 MAR 13	YOUR ORDER NO. BOWERS	DATE SHIPPED 20 MAR 13	INVOICE DATE 20 MAR 13	INVOICE NUMBER	36951	09:37
\$0	ACCOUNT NO		S H I		PAGE 1 O	F 1
0 94	COLLISION SPEC SAND PIT RD BURY, CT 06810		P .			

OUANTITY	88 (GREGG CAREW	WHOLES	797-8170 ALE CHAR	GE DA	ANBURY, CT	
1 1 1	95016301 95461590 DF	SPORD SPORD	COVER COVER APPLIQUE DELIVERY F	LIST 103.98 6.08 UEL SURC	NET 72.79 4.26 HARGE	AMOUNT 72.79 4.26 0.00	
	Arrista - Sena e u					(SINILE) (PROCESS) 4 TO SERVICE STATE OF THE SERVICE STATE	
RTS DEPT DI RTS DEPT TO R RETAIL/WH ITING FOR S K FOR GREGO	OLL FREE: HOLESALE D YOUR CALL!	3-730-5773 888-820-454 EPARTMENT IS	9 PARTS SUBLE FREIG SALES	HT.		77.05	We Apprecial Your Patronage
	CUSTOMER	R'S SIGNATURE		TOTAL		\$77.05	

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TE ENTE		YOUR ORDER NO. BOWERS C4194	DATE SHIPPED 22 MAR 13	INVOICE DATE 22 MAR 13	INVOICE NUMBER	CM37192	10:05	1
S O L		ACCOUNT NO.	77004	S H I P		PAGE 1 OF	1	
T O	94	COLLISION SPECT SAND PIT RD BURY, CT 06810-		T O				* #

VIA		SLSM. B/L NO).	TERIMS (03)797-817	9	B. POINT	
		88 G	REGG CAREW	WHO	LESALE CHA	RGE I	ANBURY, CT	
QUANTITY		PART NO.	D	ESCRIPTION	LIST	NET	AMOUNT	
1 -1	в.о.	95463825	SPORD	LATCH	41.50	29.05	-29.05	
				Signal of a			AND ASSESSMENT	Thank You! We Appreciat Your Patronage
RTS D	EPT '	TOLL FREE:)3-730-5773 888-820-4	549 F	PARTS		-29.05	Patronaa
RET	AIL/	WHOLESALE I	DEPARTMENT	10	REIGHT		0.00	, 000 00.000
	FOR	YOUR CALL	1	12	SALES TAX		0.00	
TING FOR	GRE	GG OR PAUL.	R'S SIGNATURE					



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ATE ENTER	LEG TOOM ON SELECT	DATE SHIPPED	INVOICE DATE	INVOICE NUMBER	36945	09:13
MAR	13 BOWERS C4184 (DR MAK T3	08 MAR 13		30315	
S O L	ACCOUNT NO.	77004	S H I		PAGE 1 C	DF 3
T	RR COLLISION SPECIA 94 SAND PIT RD DANBURY, CT 06810-4		T 0 ,			

VIA			SLSM.	B/L NO.					7-817		.O.B. I		
			88	GRE	GG CAREW			ESAI	E CHAI	RGE	DA	NBURY, CT	
o. 1	SHIP	В.О.	PART NO		DE	SCRIP	TION		LIST	NET		AMOUNT	
1	7.	1	9669624	9	SPORD	BAR	5	2	65.00	185.		185.50	
1	d	0	9546815		SPORD	F-C	COVER	200	56.40	39.	48	0.00	
7	0	0	9547095		SPORD	F-8	SEAL		7.58	5.	31	0.00	01 1
1	ď	0	9549372		SPORD	F-F	PANEL		41.95	29.		0.00	Thank You!
1	1	1	9520543		SPORD	MIF	RROR	1 1	03.22	72.		72.25	
-1	4	7	Part nu			9	952054	135		repl	ace		A. 1
7	7	3	9695099		118C	ELE	EMENT		36.00	25.	20	25.20	"Mou!
7	d	0	9592046		SPORD	F-F	HOUSIN	1G	43.67	30.		0.00	-
7	d	0	9596968	38	SPORD	F-F	HOUSIN	NG I	.59.88	111.		0.00	
1	1	1	9597685		To a	BRA	ACKET	1000	43.48	30.		30.44	
1	0	0	9523159		SPORD	F - F	RAIL		51.33	175	93	0.00	
7	d	0	9523159		SPORD	F-F	RÁIL	Sugario Tarig	251.33	175.	93	0.00	
7	7	1	969019		SPORD	BRA	ACKET		18.93	13.	.25	13.25	A
7	7	0	969019		SPORD	SUI	PPORT		8.40	5	.88	0.00	We
1	ď	0	969015		SPORD	SUI	PPORT		10.43	7.	.30	0.00	
7	1	1	950218	-	SPORD	BAI	R	1	L09.35	76	. 54	76.54	1-074-J. J. J
1	- 1	1	954638		SPORD	LA	TCH		41.50		.05	29.05	Ahhneriat
7	d	0	945301		SPORD	F-(CLIP	- 11	3.90	2	.73	0.00	, opp account
1	3	0	959857		SPORD	F-5	SEAL		17.08	11	.96	0.00	
7	7	0	952127		SPORD		WEATHE	ERS	26.98	18	.89	0.00	21000
1	7	0	954623		SPORD	HI	NGE		69.33	48	.53	0.00	your
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DATE ENTERED)7 MAR 13	YOUR ORDER NO. BOWERS C4184	DATE SHIPPED 08 MAR 13	INVOICE DATE 08 MAR 13	INVOICE NUMBER	36945	09:13	
S O L	ACCOUNT NO.	77004	S H I		PAGE 2 O	F 3	4 Stor
o 94	COLLISION SPECI SAND PIT RD		T .				

IP VIA			SLSM. B/L NO.		TERK	203)	797-8170		, POINT	
				GG CAREW	,,,,,	OLES	ALE CHAI		ANBURY, CT	
ORD.	SHIP	В.О.	PART NO.	DES	CRIPTION		LIST	NET	AMOUNT	
1	0	0	96872981	SPORD	INSULA	TOR	41.40	28.98		
1	1	1	19299673	SPORD	HOOD		307.60	215.32		
			Part number		1929	9673		replac		
1	1	1	95015918	SPORD	DEFLEC	TOR	26.43	18.50	18.50	Thank You!
1	1	1	95473426	SPORD	FENDER		186.17	130.32	130.32	*********
1	1	1	95072281	SPORD	LINER	0.00	18.65	13.05		1 22 2 2 2 2
1	1	1	95491330	SPORD	EXTENS	ION	18.13	12.69	12.69	Unu!
2	2	3	52477087	112D13	SEAL	-1-1	9.64	6.75		for.
2	2	.8	2724966	115C19	SEAL		9.66	6.76		
1	1	1	95933266	SPORD	HOSE	v 1	88.65	62.05		
1	1	1	96830972	SPORD	HEADLA	MP	313.52	219.46		
1	1	1	95215846	SPORD	GRILLE	i in	96.30	67.41	67.41	
1	1	1	95227395		GRILLE	F	96.30	67.41	67.41	
1	1	1	95122465	SPORD	EMBLEM	1	37.22	26.05	26.05	7/10
1	1	1	95231073	SPORD	COVER		30.60	21.42	21.42	000
1	1	1	95231071	SPORD	COVER		23.98	16.79	16.79	
1	1	1	96694779	105 SIDE	DEFLEC	TOR	81.78	57.25	57.25	Albanaint
1	q	0	96694740	SPORD	F-ABSC	RBER	34.23	23.96	0.00	reppreciaie
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	20
1	1	1	96878591	SPORD	BAR		265.00	185.50	185.50	your
						PART	S			We Appreciate Your Patronage
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			CUSTOMER'S S	GNATURE			2 200 0 100 0			
		100	X			74 1 m 16	TOTAL	Catholic Color		



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ATE ENTER		YOUR ORDER NO. BOWERS C4184	DATE SHIPPED 08 MAR 13	INVOICE DATE 08 MAR 13	INVOICE NUMBER	36945 0	0.10
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ATE ENTER		YOUR ORDER NO.	DATE SHIPPED	13 MAR 13	INVOICE NUMBER	37087	08:04	
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ENTERED	YOUR ORDER NO.	DATE SHIPPED	INVOICE DATE 14 MAR 13	INVOICE NUMBER	37135	08:19
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VIA	SLSM. B/L NO.	EGG CAREW DESC SPORD SPORD	TERM203)79' WHOLESAL RIPTION SUPPORT F-CLIP F-WEATHERS DELIVERY FUE	E CHARGE LIST NE 8.40 5 3.90 2 26.98 18	5.88 2.73 3.89 1	CT 5.88 2.73 8.89 0.00 Thank You!
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ACCOUNT NO. 77004 H RR COLLISION SPECIALTIES 94 SAND PIT RD DANBURY, CT 06810-4007 ASSEM. BILNO. TERM203) 797-8170 F.O.B. POINT DANBURY, CT 06810-4007 BS GREGG CAREW WHOLESALE CHARGE DANBURY, CT 1905 SWIFT 50. PART NO. DESCRIPTION LIST NET AMOUNT 1 1 - 1 95830994 SPORD LAMP 69.55 48.68 48.68 1 1 - 1 95976852 SPORD BRACKET 43.48 30.44 30.44 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 Thank DF DELIVERY FUEL SURCHARGE 0.00 The following parts have been special ordered: 1 95462341 F-HINGE TO SUMMENT AMOUNT 10 10 10 10 10 10 10 10 10 10 10 10 10	E ENTERED MAR 13	YOUR ORDE	RNO. C4194	DATE SHIPPED 16 MAR 1	100000000000000000000000000000000000000	MAR 1	3 NOWBI	ER	37192	1	L2:17
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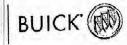
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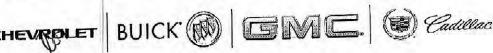
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S P P T O	AGE 1 OF 1		Ĺ	INT NO. 77004 I SPECIALTIES RD 06810-4007
TERM203)797-8170 F.O.B. WHOLESALE CHARGE DA PTION LIST NET HANDLE 6.60 4.62 5.00 LIVERY FUEL SURCHARGE	AMOUNT 4.62	Thank You!	ORD. SHIP B.O. PART NO. 1 1 1 952277	
PARTS SUBLET FREIGHT SALES TAX	4.62 15.00 0.00 \$19.62	We Appreciate Your Patronage	PARTS DEPT DIRECT: PARTS DEPT TOLL FI OUR RETAIL/WHOLESA WAITING FOR YOUR OF ASK FOR GREGG OR I	REE: 888-820-4545 ALE DEPARTMENT IS CALL!







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ARTS DEPT DIRECT: 203-730-5773 ARTS DEPT TOLL FREE: 888-820-45 UR RETAIL/WHOLESALE DEPARTMENT I	SUBLET FREIGHT	25.00
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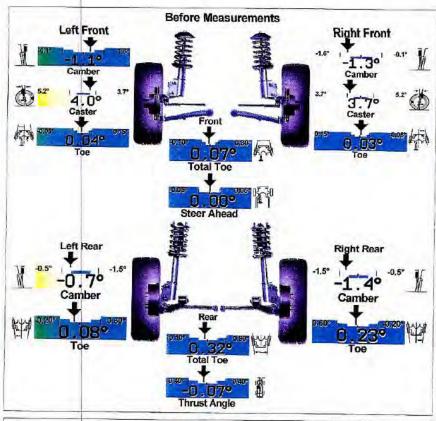
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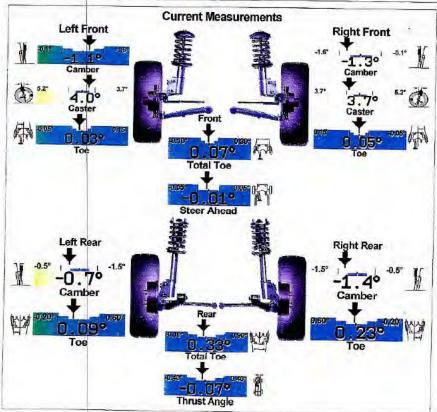
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Year: 12

Date 3/25/13 11:43 AM

Chevrolet: Sonic: All Models except ECO: FE1 Suspension: 2012-







JSTOMER #: 81680

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CHEVROLET BUICK (G) COME. (C) Calettus

INVOICE

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COLOR	YEAR MAKE/MOL	DEL	VIN	h	LICENSE	MILEAGE	NT SOI	, a line
		CONTO	1G1JC5SH5	CV		13728/3	13728	T138
HITE	12 CHEVROLET PROD. DATE WARR. EXP			PO NO.	RATE	PAYMENT	INV.	DATE
DEL DATE				×				
1JAN12 IS 1JAN12 DI		19:00 26M	IAR13		VAR		25MAR	L3
R.O. OPEN			DLR:140)14B ENG:	1.8_Dice.	c_MFI_DOH	~.	
4:40 21MA	AR13 14:01 25MA DE TECH TYPE HOU	RI3 I			LIST	NET	TO	TAL
00 EV 1 1 2 ARTS: 13728 Eva charged to system of	ALTGNMENT	CARGE A/C SIS	OTHER: /, pulled and verif:			5.95 18.34 INE A: proper ***	36 171	.99 .95 .68 .62
ARTS: 13728 Corresults a pull tobent.	PECTUR EDONT	89.95 (alignment pi Road tested inspected an	rocedure, d, steeri nd found *******	printed ng wheel right fro	ont lower	ched , feel of A-arm	89	.95 .95
00 R	EPLACE RIGHT FR 675 CP 95190870 ARM	ONT LOWER CO.	NTROL ARM		54.61		54	3.00
MISC FREI	GHT CHARGE					28.66		3.66
	CP	108.00	OTHER:	28.66	TOTAL I	INE C:	19.	1.27

DISCLAIMER OF WARRANTIES

108.00 OTHER:

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.

54.61 LABOR:

PARTS:

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

Vehicle DTC Information Page 1 of 1



Global Diagnostic System 2

Vehicle DTC Information

Overview

MDI Serial Number

Vehicle Identification Number (VIN)

Diagnostic End Date

Diagnostic Start Date

Number of Times Diagnostic Session Resumed

Make

Model

Model Year

22007586

1G1JC5SH5C4

2013-04-11 11:30:01

2013-04-11 11:30:01

0

Chevrolet

Sonic

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:

Customer City: New Milford

Customer State : CT
Customer Zip Code :

Customer Work Phone : Customer Cell Phone :

Vehicle Information:

VIN: 1G1JC5SH5C4

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

Logout



William Genovese

March 19, 2013

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

INTERFACE WITH CUSTOMER

USER OPTIONS

View Vehicle Summary

0

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 Service Contract: No

Model: 1JV69-2012 SONIC 4 DOOR LT

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

Vehicle has no current record of required field actions.

Branded Title

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

Vehicle has no current record of branded titles.

Warranty Block

Vehicle has no current record of warranty block.

Service Information

Vehicle has no current record of outstanding service information.

OnStar and XM Satellite Radio Information

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

On Star Equipped: Y XM Equipped: Y

XM Radio ID: 5M9QL2RG

OnStar Status: Inactive XM Status: Active

Valid warranties are highlighted

On Star Vehicle Diagnostics: N

DMN Enabled: N

Applicable Warranties

-ppiii	cable wall allies	ole wall allies					
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.

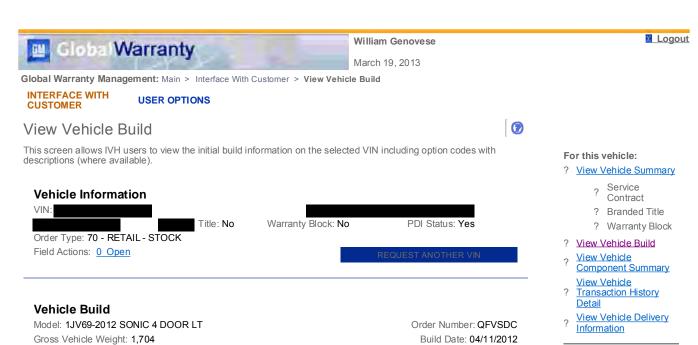
Transactio	n History				View Details
Job Card Date	Job Card Number	Transaction Type	Transaction Adjustment	Labour Operation	Odometer Reading
09/06/2012	102624	ZREGRegular Vehicle Transaction		C4239 - Rear Window Panel Trim Replacement	3,509 MI
04/13/2012	A84675	ZPDIPre-Delivery Inspection		Z7000 - Pre-Delivery Inspection - Base Time	1 MI

Global Warranty Management: Site Map

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Investigate Major Assembly History



Option Codes

E21 - HANDLE I/S, DR, CHROME

*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.

III VOICE OF WINDOW SHOKEF.	
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	ALO - 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

Build Plant: 4

E27 - ASSIST HANDLE, FRT PASSENGER E3E - OUTSIDE HANDLE LIFTGATE E91 - MAP POCKET, PASS SEATBACK EF7 - OUNTRY CODE, U.S.A. EW1 - TRIM SEAT CLOTH, BRAVO FE1 - SUSPENSION SYSTEM FHA - FUEL SYSTEM ELECTRONIC, FHB - AXLE, 3.47 RATIO RETURNLESS FHG - TRIM DOOR SOFT TOUCH PAINT FHO - VEHICLE FUEL GASOLINE E10 FX3 - STABILITRAK-STABILITY CONTROL GAZ - SUMMIT WHITE SYSTEM W/ TRACTION CONTROL 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 LUW - ENGINE: 1.8L ECOTEC VVT DOHC 4 CYL LHD - LEFT HAND DRIVE 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: * Q8E - MECHANICAL JACK W/ ÉTOOLS TIRES ALL SEASON BLACKWALL * WHEELS 16' PAINTED ALUMINUM * FRONT FOG LAMPS QLG - TIRES, ALL SEASON BLACKWALL R9N - CONTROL-SALES ITEM NO. 89 RRV - WHEELS. 16" PAINTED ALUMINUM SLM - STOCK ORDERS T3W - DAYTIME RUNNING LAMPS T3U - FRONT FOGLAMPS T4A - HEADLAMPS, HALOGEN T83 - HEADLAMP CONTROL AUTOMATIC ON & OFF TR1 - LAMP TAIL & STOP TM7 - BATTERY, RUNDOWN PROTECTION TS6 - HIGH LEVEL STOP LAMP U04 - HORN SINGLE NOTE U2K - XM RADIO + SERVICE SUBSCRIPTION SOLD U25 - LIGHTING, REAR CARGO AREA 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 V8D - VEHICLE STATEMENT US **PROTECTION** VHY - PROTECTOR BODY SHEET METAL, HIGH VEE - BUMPER FRT BODY COLOR, FRT & RR CORROSION PREVENTIVE VIX - PLATE VEHICLE IDENTIFICATION - VISUAL VKD - FRONT LICENSE PLATE BRACKET (GMDAT) VMO - PANEL CENTER INSTRUMENT, GRAPHITE VNU - VIN FORMAT U.S. TYPE SILVER MET 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 VRN - VAA/COMPONENT REL REAR SUSPENSION 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 YG5 - ORNAMENTATION EXTR, HEAD & TAIL LAMPS, LAMPS, CHROME BEZEL HIGH GLOSS FINISH ZAA - TIRE, COMPACT SPARE

Added Option Codes

Vehicle has no current record of SAIO codes.

Global Warranty Management: Site Map

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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
2012 chevrolet Sonic
VIN 1G1JC5SH5C4
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

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		

Inspector (First & Last Name): William L. Genovese

Number of photos: 51

Section 1. Description

Photo #	<u>Description Only</u>	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).	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	Yes
	prior to incident.	
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

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 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	

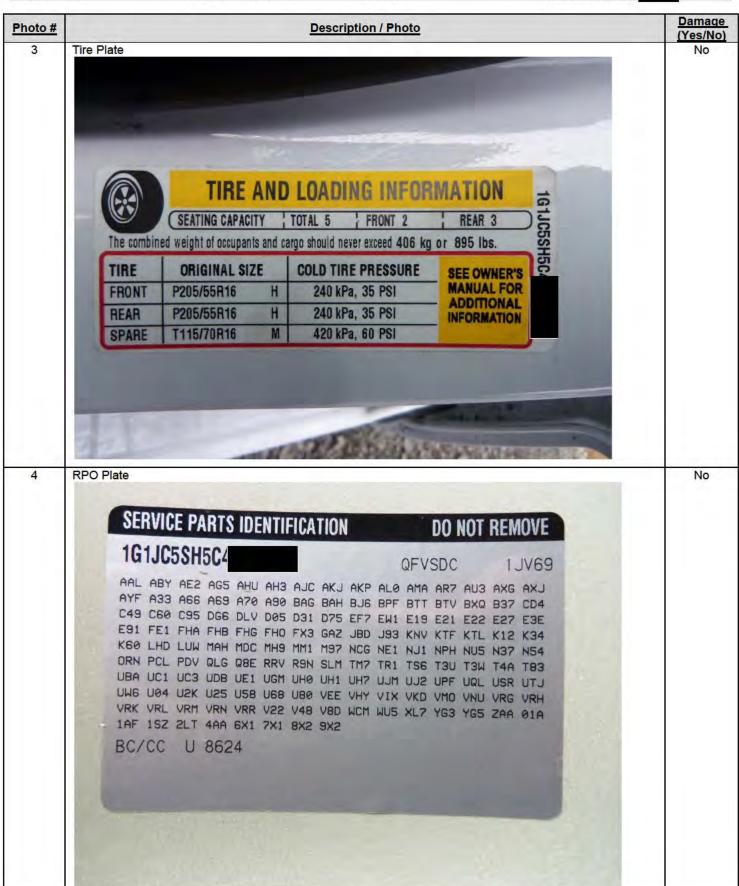
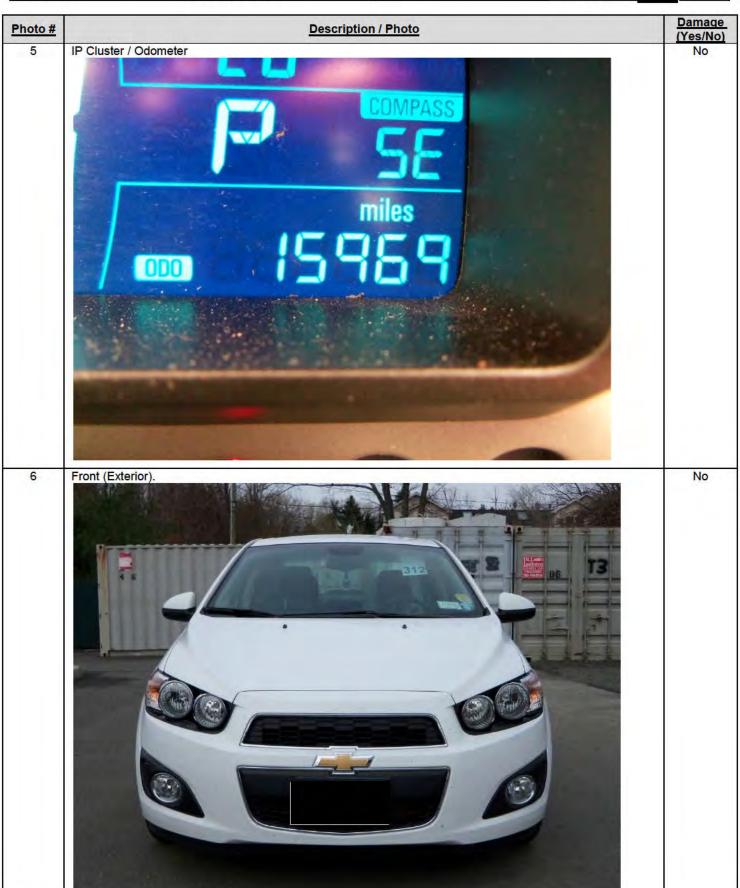


Photo Log & Photos for Preliminary Inspection v.3				
Customer's last name:		Inspection date:	04/11/2013	
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic	
File case #:	71-1160517173	VIN:	1G1JC5SH5C4	



	Phot		Acres and the second
	2	Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4

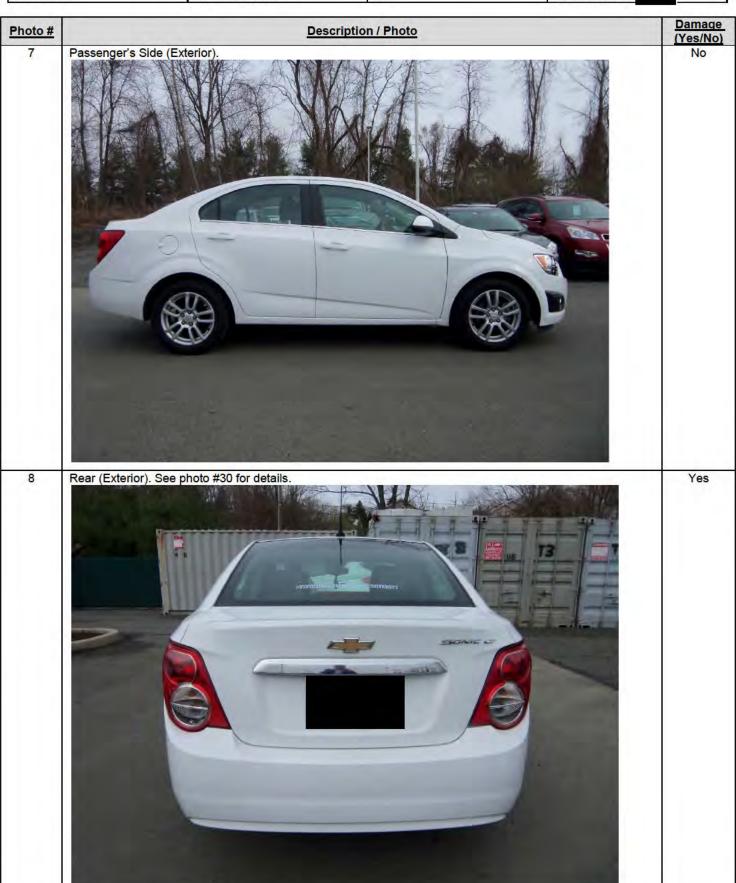


Photo Log & Photos for Preliminary Inspection v.3			
Customer's last name:		Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4

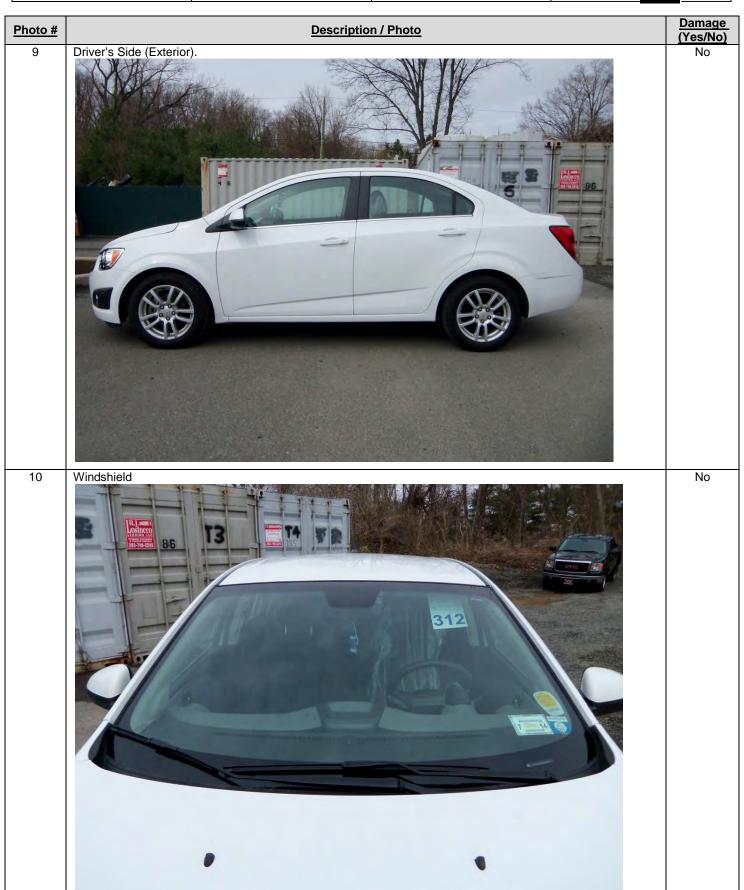


Photo Log & Photos for Preliminary Inspection v.3			
Customer's last name:			
	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4

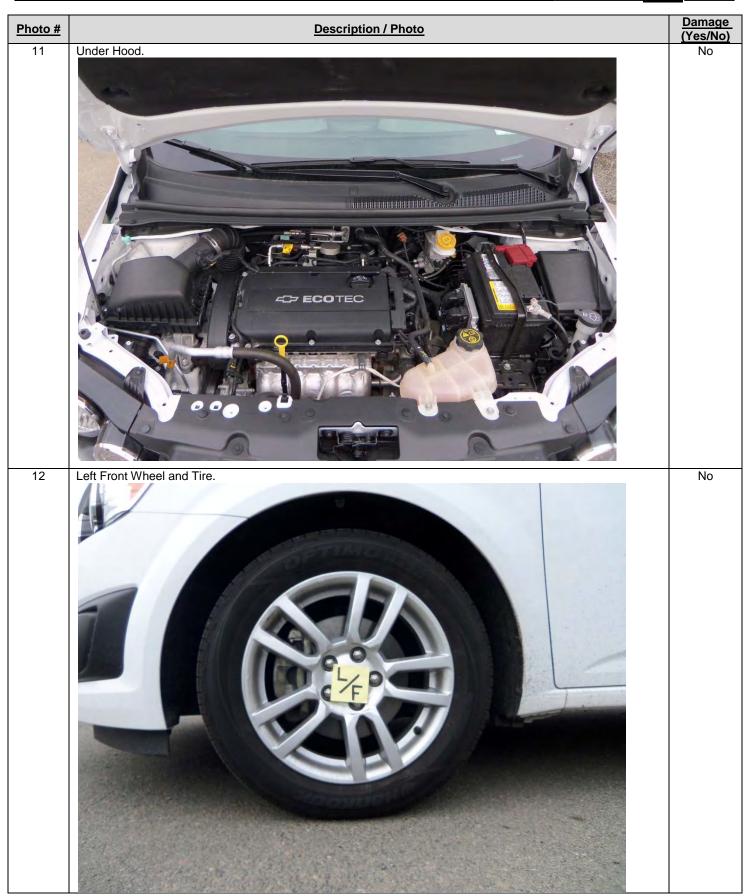


Photo Log & Photos for Preliminary Inspection v.3			
Customer's last name:		Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4

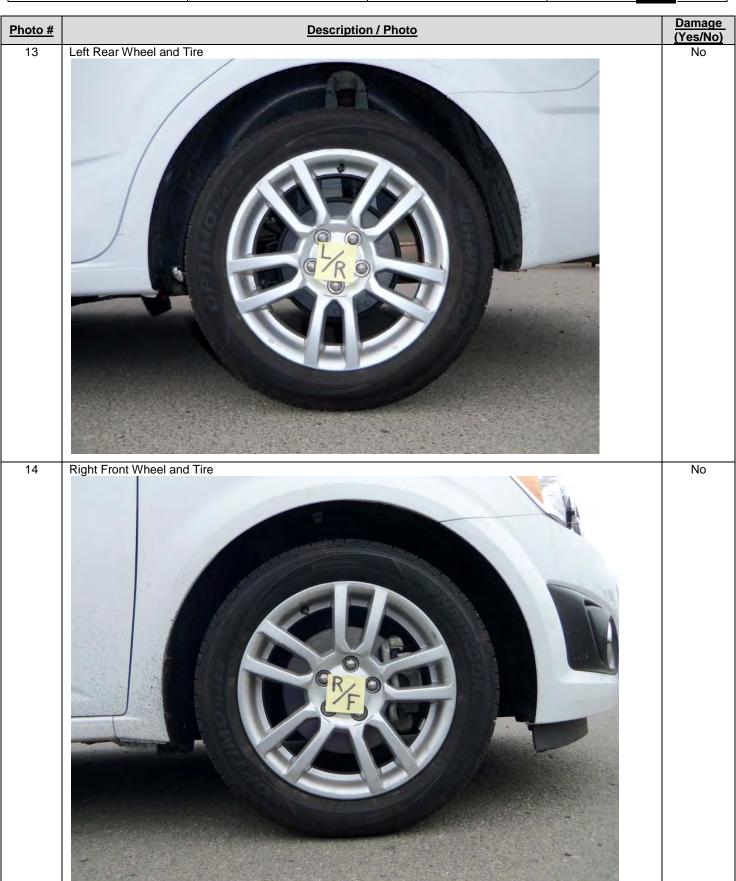


Photo Log & Photos for Preliminary Inspection v.3			
Customer's last name:		Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4



Photo 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 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 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 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 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

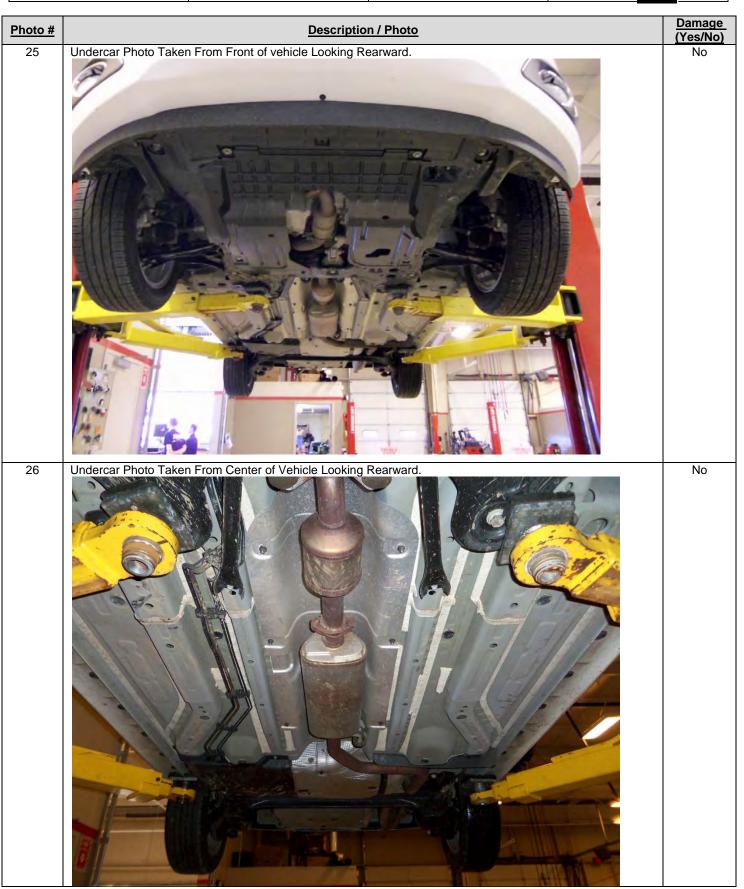


Photo Log & Photos for Preliminary Inspection v.3			
Customer's last name:		Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4

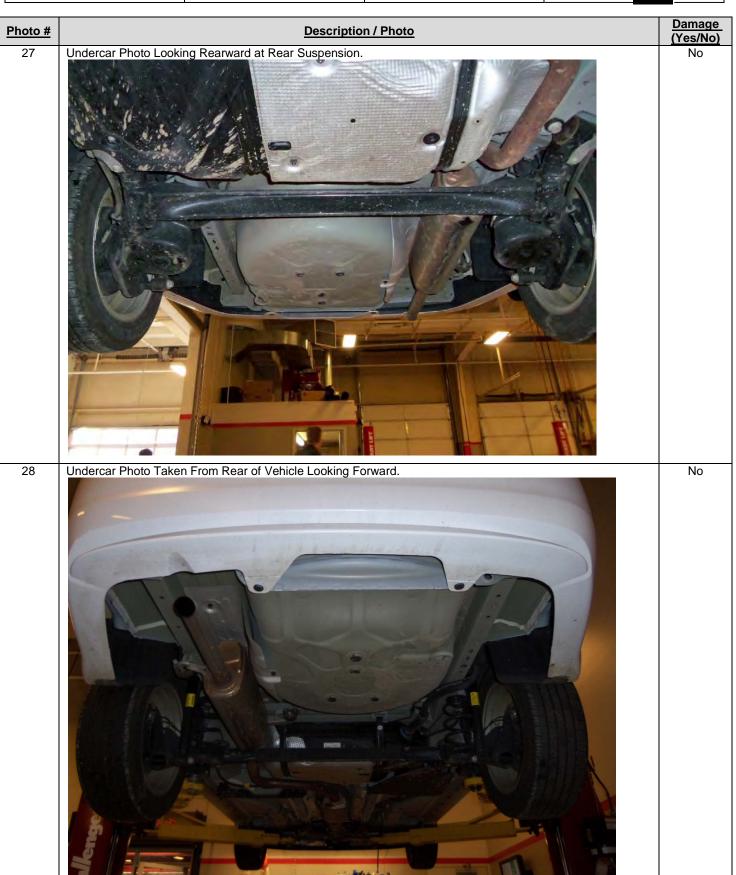


Photo Log & Photos for Preliminary Inspection v.3			
Customer's last name:		Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4

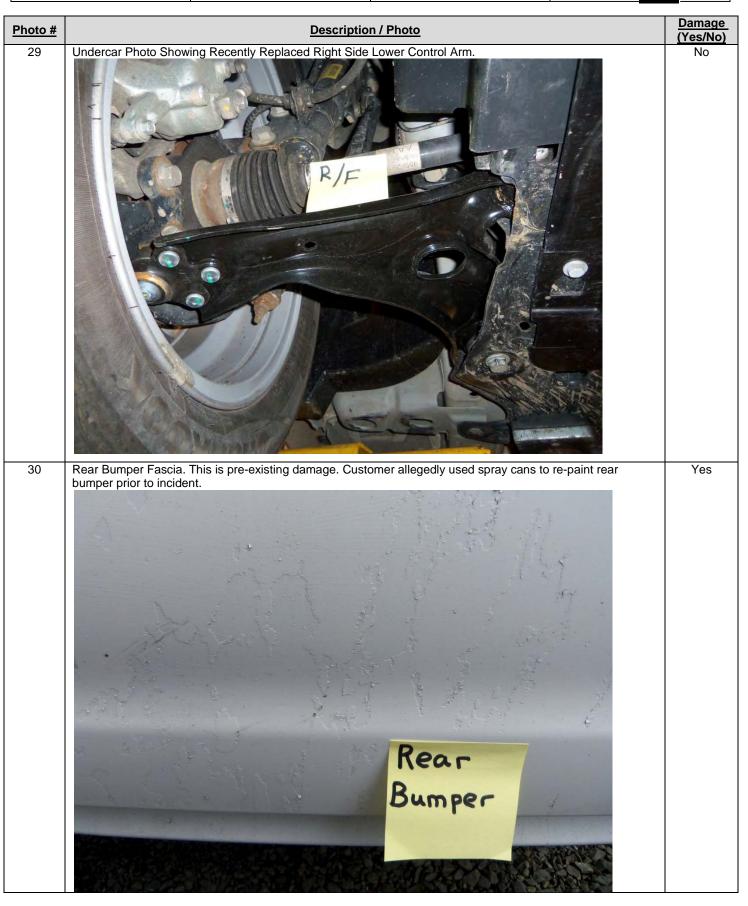
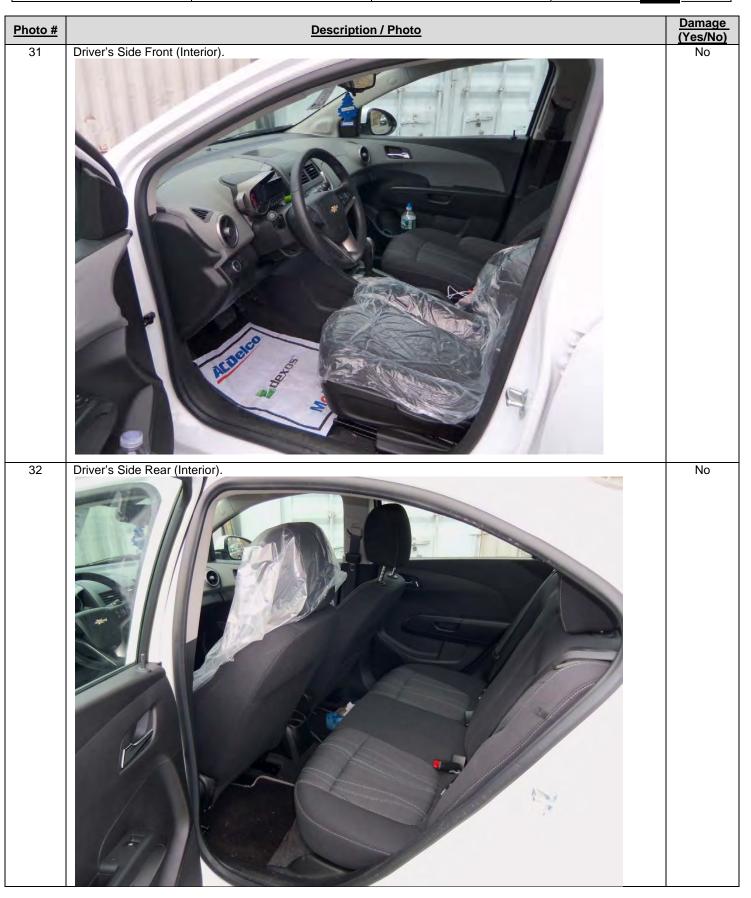


Photo Log & Photos for Preliminary Inspection v.3			
Customer's last name:		Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4



	Phot		\$200 market
		Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4

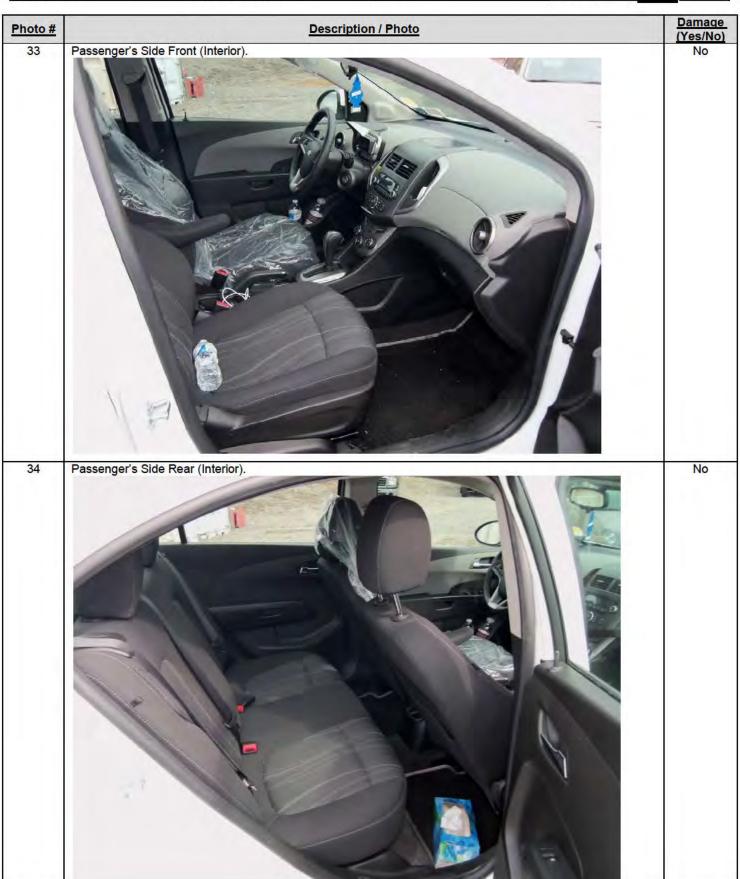


Photo Log & Photos for Preliminary Inspection v.3			
Customer's last name:		Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4

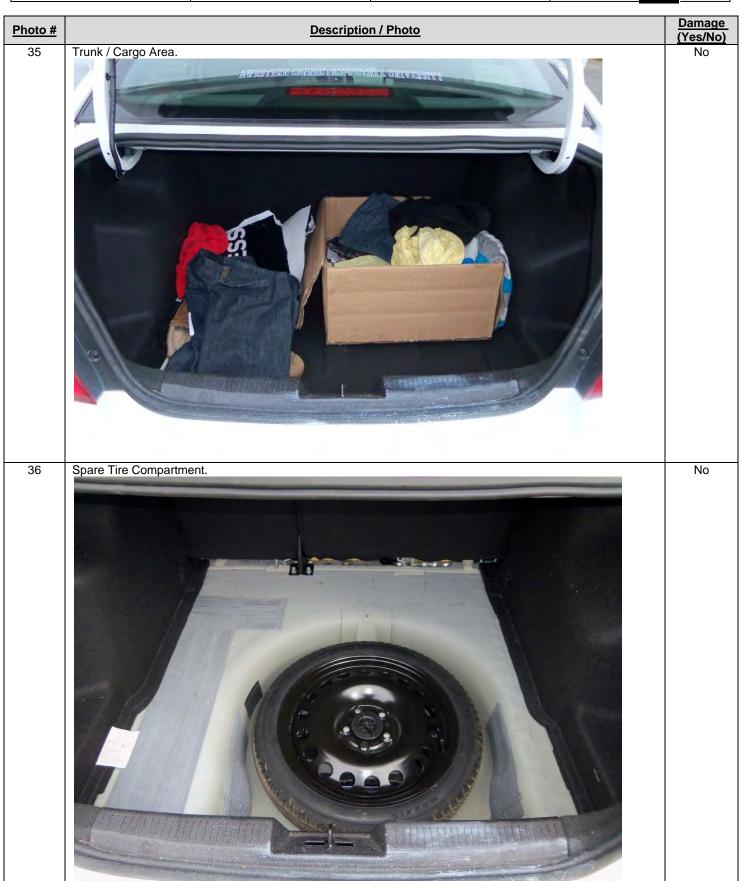


Photo Log & Photos for Preliminary Inspection v.3			
Customer's last name:		Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4

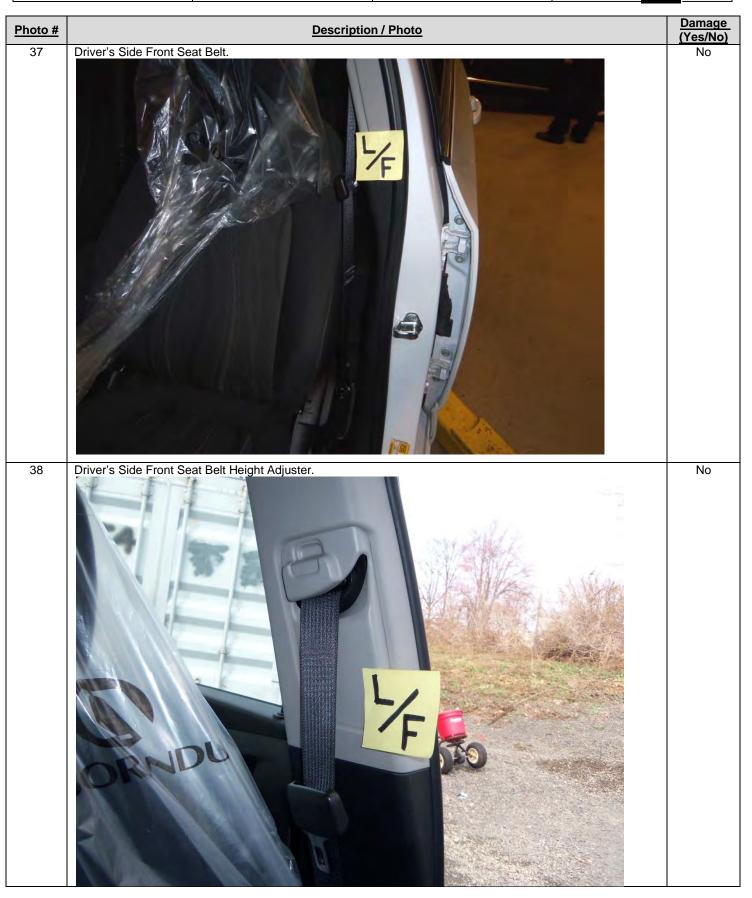


Photo Log & Photos for Preliminary Inspection v.3			
Customer's last name:		Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
File case #:	71-1160517173	VIN:	1G1JC5SH5C4



Photo 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 Log & Photos for Preliminary Inspection v.3						
Customer's last name:		Inspection date:	04/11/2013			
Vehicle brand:	Vehicle brand: Chevrolet Year/Model: 2012 / Sonic					
File case #:	71-1160517173	VIN:	1G1JC5SH5C4			

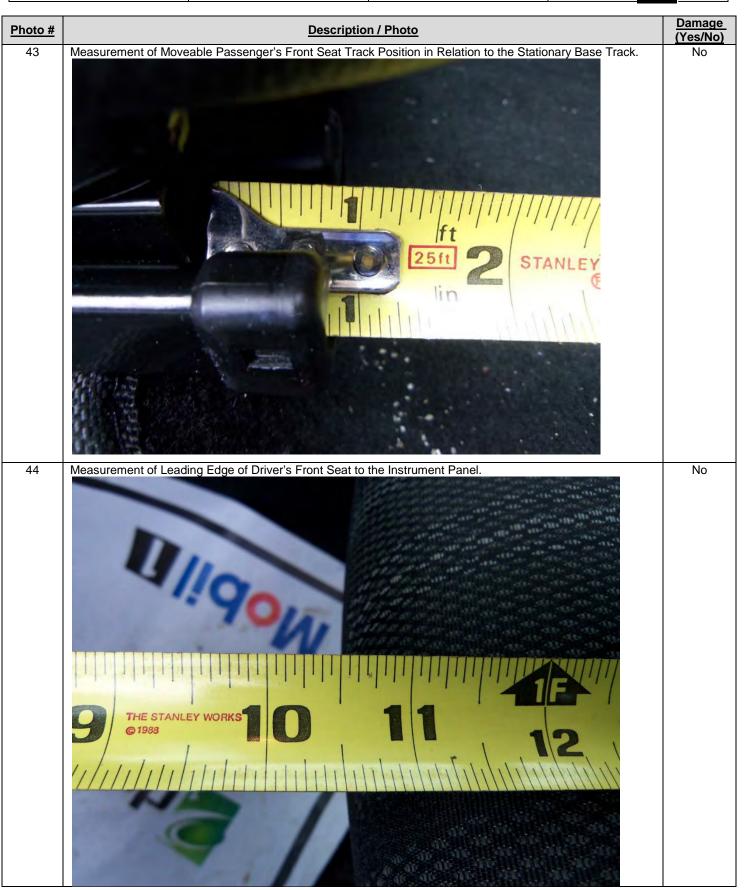


Photo Log & Photos for Preliminary Inspection v.3						
Customer's last name:		Inspection date:	04/11/2013			
Vehicle brand:	Vehicle brand: Chevrolet Year/Model: 2012 / Sonic					
File case #:	71-1160517173	VIN:	1G1JC5SH5C4			

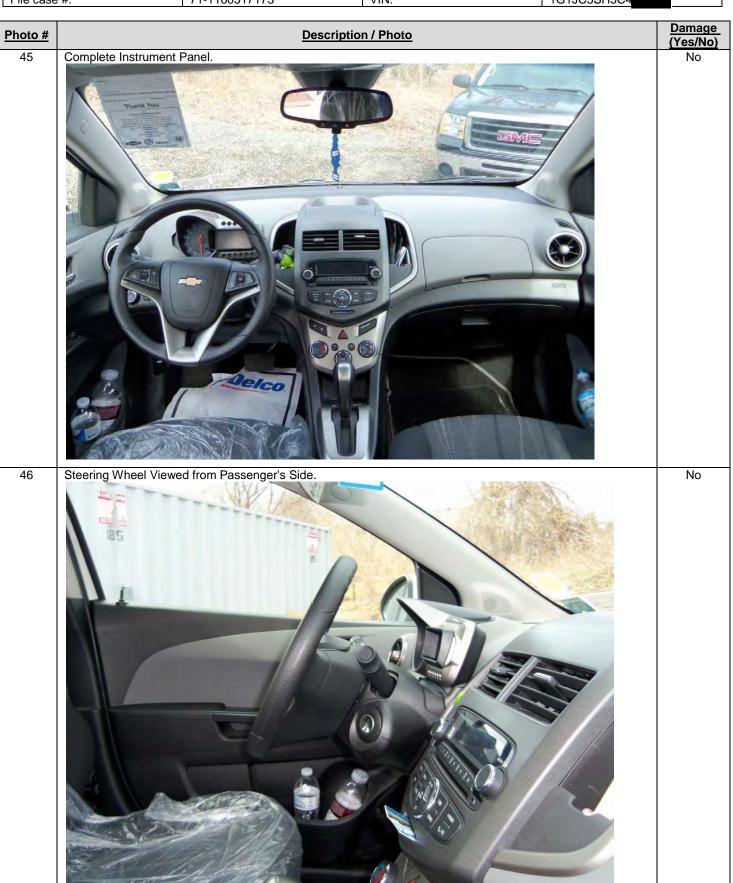


Photo Log & Photos for Preliminary Inspection v.3						
Customer's last name:		Inspection date:	04/11/2013			
Vehicle brand:	Vehicle brand: Chevrolet Year/Model: 2012 / Sonic					
File case #:	71-1160517173	VIN:	1G1JC5SH5C4			



Photo Log & Photos for Preliminary Inspection v.3						
Customer's last name:		Inspection date:	04/11/2013			
Vehicle brand:	Vehicle brand: Chevrolet Year/Model: 2012 / Sonic					
File case #:	71-1160517173	VIN:	1G1JC5SH5C4			



Photo Log & Photos for Preliminary Inspection v.3						
Customer's last name:		Inspection date:	04/11/2013			
Vehicle brand:	Vehicle brand: Chevrolet Year/Model: 2012 / Sonic					
File case #:	71-1160517173	VIN:	1G1JC5SH5C4			



Customer's last name: Vehicle brand: Case #: Mileage at inspection: Inspected by: Inspector's phone number:	Chevrolet 71-1160517173	Inspection date: Year/Model: VIN:	04/11/2013 2012 / Sonic 1G1JC5SH5C4
Case #: Mileage at inspection: nspected by: nspector's phone number:	71-1160517173	The state of the s	
Mileage at inspection: Inspected by: Inspector's phone number:		VIII.	
Inspected by: Inspector's phone number:	Trouble		
nspected by: nspector's phone number:	15,969	Inspection location: I	ngersoll Auto of Danbury
	William L. Genovese		Road, Danbury, CT 06810
range de aleman de la companya de l	248-687-4328	A	
Vas a dealer technician used? Ves, number of hours?	x Yes N	lo	Number of photos 51
possible, document the RO nu		117295	Number of DTCs 0
eximum vehicle speed taken from		34 mph	Number of DTCs
d CDR detect a rollover event?			
r obit detect a follover event:	1100		
Section 1	INSPECTI	ON SUMMARY	
section 1	INSPECTI	ON SUMMARY	
Provide driver/claimant's co	mnlete description of inciden	nt Do not naranhrace the	ustomer's words. This is a very
important section of the repo		it. Do not parapinase the t	ustomer s words. This is a very
inportant section of the rept			
Owner/driver states: "He was	driving on Route 84 West and	got off at exit #21 and turned	l left onto Peach Lake Road. He
			ad. He swerved to the left and missed the
	to the right, but while turning th		
OTE: FOR ALLEGATIONS O	F AN INADVERTENT DEPLOY	YMENT WITH NO COLLISIO	ON, COMPLETE THE INADVERTENT
IRBAG DEPLOYMENT INSPE	CTION FORM.		
Non-deployment (the airba	g did not deploy and the claim	ant states that it should have	9)
x Front Side	Other		
	h a collision, (the claimant state	es that the airbag deployed	when it should not have)
Front Side	Other		
T			0.03
	the claimant states that the air	bag deployed late or only pa	rtially)
Front Side	Other		
Deployment induced injury	in a collision (the claimant stat	as the deployment of the air	nog caused on injury)
Deployment-induced injury	in a comsion (the claimant stat	es the deployment of the all	bag caused an injury)
Other Describe:			
None: seat belt - related al	legation only		
	The state of the s		
escribe the seat belt related	allegation below:		
Non activation (the claim	ant states that the seat belt did	I not rostrain an occupant an	d it should have)
	ant states the seat belt system		d it should have)
Other Describe:	and states the seat ben system	oudood air injury/	
The second secon			
x None: SIR - related alleg	gation only		
and the second			
river seatbelt pretensioner d		x No	
assenger seatbelt pretension	ner deployed? Yes	x No	
- 100	3 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1		
Following the inspection, su	mmarize the facts and obser	vations:	
	Service of the state of the sta		on by: R&R Collision Specialty, Inc., 94

The right front lower control arm was replaced after the incident while body repairs were being performed. See photo #29 of the photo log as well as attached body shop and dealership repair records.

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		

- 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.

Section 2		INTERVIEW	- INCIDE	NT DET	AILS	
Interviewee r	name:					
Address:			, New Milfe	ord, CT		
Phone numb	er:					
Date of inter		4/08/2013				
Interview mo	de: (Telephone or in person)	Telephone				
Police report? Fire report? Oriver's Phys		No No	Driver's	s Trip Infor	mation	
Name:	Kyle Bowers	16	Hours	Minutes		Driver's Estimated Speed
Gender:	Male			15	8 - 10	40 m.p.h.
Height:	6' 1"	10				
Weight:	190 lbs					
	170.70					
Weight: Disabilities: Exact incide onto Peach I	190 lbs				ate & time: (03/03/2013 @ 8 a.m. 00's
Weight: Disabilities: Exact incide onto Peach L Weather con Was there a converted there and the converted there and the converted there are converted to the converted th	190 lbs None ent location: Exiting off exit 21 Lake Road in Brewster, NY Indition & visibility: Clear and collision? X Yes	dry.	Appro	ximate ten		
Weight: Disabilities: Exact incide onto Peach I Weather con Vas there a converted there and Decupant's Interest.	190 lbs None ent location: Exiting off exit 21 Lake Road in Brewster, NY Indition & visibility: Clear and collision? X Yes	dry.	Appro	x \	np (°F): low 3	00's
Weight: Disabilities: Exact incide onto Peach I Weather con Vas there a converted there and Decupant's Interest of the Compant's Interest of the Co	190 lbs None ent location: Exiting off exit 21 Lake Road in Brewster, NY Indition & visibility: Clear and collision? X Yes	dry.	Appro	x \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	np (°F): low 3	00's
Weight: Disabilities: Exact incide onto Peach I Weather con Vas there a converted there and Decupant's Instance: Gender: Height:	190 lbs None Pent location: Exiting off exit 21 Lake Road in Brewster, NY Indition & visibility: Clear and Collision? X Yes	dry.	Appro	x \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	np (°F): low 3	00's
Weight: Disabilities: Exact incide onto Peach I Weather con Was there a converted there and Document's Insulation Name: Gender:	190 lbs None ent location: Exiting off exit 21 Lake Road in Brewster, NY Indition & visibility: Clear and collision? X Yes	dry.	Appro	x \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	np (°F): low 3	00's

Front Row: X 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 <u>customer alleges</u> the FRONT PASSENGER airbag <u>did not deploy</u> 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.

Material Support		R / Seat Belts Prelimina Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
Case #:	71-1160517173	VIN:	1G1JC5SH5C4
transfer marks are present,		Age Height (fe	eet & inches) Weight (lbs)
Record and photograph the pleat track position:	passenger seat position measurement in the static k forward of, or back from the back	ponary base of the	vard of X Back from
river seat position and its di	istance to the IP: 10.50	Inches	
IOTE: Being the incident on the second to th		prior to the inspection, it is not	known if the seat positions are when
		E DOWNLOAD IS TAKEN DIRECT	TLY FROM THE SDM. RECONNECT
erform the following check for the "on", or "run" position to		assenger airbag status indicator.	NOTE: For some vehicles the key must
it in the passenger seat and lote: See photos #49 – 52 Photograph the seat cover an	of the photo log.	ls the passenger airbag system "d	Yes X No ON"? X Yes No
If the vehicle is a truck or trailer Load description:	a car trailering cargo at the	time of the incident, estimate to	otal weight of cargo and (Ib
Load description.			
A TRANSPORT OF THE PARTY OF THE	x Yes No	1	
ny objects in the road?	Door	1	
	Deer		
yes, describe:			
yes, describe: id vehicle leave the roadwa	ay? Yes X No	Marie and the	
yes, describe: id vehicle leave the roadwa	ay? Yes X No	cted before vehicle could leave ro	padway.
yes, describe: id vehicle leave the roadwa yes, what was impacted?	y? Yes x No Note: Guard rail was impa		
yes, describe: id vehicle leave the roadwa yes, what was impacted?	y? Yes x No Note: Guard rail was impa		
yes, describe: id vehicle leave the roadwa yes, what was impacted? /as there any evasive action	Note: Guard rail was impa	Braking Accelerating	Other:
yes, describe: id vehicle leave the roadwayes, what was impacted? Vas there any evasive action Road Surface:	Note: Guard rail was impa x Turning x Concrete As	Braking Accelerating	Other: Crushed Rock Dirt
yes, describe: id vehicle leave the roadwayes, what was impacted? /as there any evasive action Road Surface: Road Condition:	Note: Guard rail was impa x Turning x Concrete As x Dry	Braking Accelerating sphalt Gravel Icy	Other: Crushed Rock Other:
yes, describe: id vehicle leave the roadwayes, what was impacted? /as there any evasive action Road Surface: Road Condition: Shoulder/Curb Condition:	Note: Guard rail was impa Note: Guard rail was impa X	Braking Accelerating	Other: Crushed Rock Dirt
yes, describe: id vehicle leave the roadwayes, what was impacted? /as there any evasive action Road Surface: Road Condition: Shoulder/Curb Condition:	Note: Guard rail was impa x Turning x x Concrete As x Dry x Dry W	Braking Accelerating sphalt Gravel Icy et Icy	Other: Crushed Rock Other:
yes, describe: id vehicle leave the roadwayes, what was impacted? /as there any evasive action Road Surface: Road Condition: Shoulder/Curb Condition: Select One>	Note: Guard rail was impa x Turning x x Concrete As x Dry x Dry W	Braking Accelerating sphalt Gravel lcy et lcy urb	Other: Crushed Rock Other:
yes, describe: id vehicle leave the roadwa yes, what was impacted? Vas there any evasive action Road Surface: Road Condition: Shoulder/Curb Condition: Select One> y unusual noises (bang, por	Note: Guard rail was impa x Turning x Concrete As x Dry x Dry x Shoulder Cu	Braking Accelerating sphalt Gravel lcy et lcy urb	Other: Crushed Rock Other: Other: Dirt
Yes, from where?	Note: Guard rail was impain? X Turning X X Concrete As X X Dry W W X Shoulder Cu	Braking Accelerating sphalt et lcy lcy lrb etc.)? Yes	Other: Crushed Rock Other: Other: Dirt X No
yes, describe: id vehicle leave the roadwa yes, what was impacted? /as there any evasive action Road Surface: Road Condition: Shoulder/Curb Condition: Select One> y unusual noises (bang, por Yes, from where?	Note: Guard rail was impain? X Turning X X Concrete As W X Dry W W X Shoulder Cu	Braking Accelerating sphalt et lcy lcy lrb etc.)? Yes	Other: Crushed Rock Other: Other: Dirt Dirt
yes, describe: id vehicle leave the roadwayes, what was impacted? /as there any evasive action Road Surface: Road Condition: Shoulder/Curb Condition: Select One> y unusual noises (bang, popyes, from where? or to or after the incident, we played on the Driver's Information	Note: Guard rail was impain? X Turning X X Concrete As W X Dry W W X Shoulder Cu	Braking Accelerating sphalt et lcy lcy lrb etc.)? Yes	Other: Crushed Rock Other: Other: Dirt X No
yes, describe: id vehicle leave the roadwa yes, what was impacted? Vas there any evasive action Road Surface: Road Condition: Shoulder/Curb Condition: Select One> y unusual noises (bang, por Yes, from where?	Note: Guard rail was impain? X Turning X X Concrete As W X Dry W W X Shoulder Cu	Braking Accelerating sphalt et lcy lcy lrb etc.)? Yes	Other: Crushed Rock Other: Other: Dirt X No
yes, describe: id vehicle leave the roadwa yes, what was impacted? /as there any evasive action Road Surface: Road Condition: Shoulder/Curb Condition: Select One> y unusual noises (bang, pop Yes, from where? or to or after the incident, w played on the Driver's Infor Yes, what indicator?	Note: Guard rail was impa Note: Guard rail was impa X	Braking Accelerating sphalt et lcy lcy lrb etc.)? Yes n, or messages Yes	Other: Crushed Rock Other: Other: Dirt X No
yes, describe: id vehicle leave the roadwa yes, what was impacted? Vas there any evasive action Road Surface: Road Condition: Shoulder/Curb Condition: Select One> y unusual noises (bang, por Yes, from where? or to or after the incident, we	Note: Guard rail was impa Note: Guard rail was impa X	Braking Accelerating sphalt et lcy lcy lrb etc.)? Yes	Other: Crushed Rock Other: Other: Dirt X No

DANG DA	etraint Systems / SID	/ Soat Bolto Brolimina	ry Inspection v2.1
Customer's last name:		Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
Case #:	71-1160517173	VIN:	1G1JC5SH5C4
as the repair facility contacte an invoice for the repair avai Yes, what was the outcome	labl <u>e?</u>	Yes No Yes No	
Additional comments cond	cerning the incident:		
Section 3	VEHIC	LE HISTORY	
		nis section from Driver / Clain	nant
If any information for this so and relationship, if any, to t Name:		ne other than the claimant, pro	ovide the name, address, phone numbe
Address:			
Phone number:			
Relationship to claimant:			
Did the owner purchase the virty yes, date of purchase? If purchased used, provide the Name:	ehicle new? x Yes 07/13/2012 e name, address of the seller a	and data of purchase:	
Address:			
Date of purchase:			
document the name of the sel	of the following three questions rvice facility, its address, and to tay? Yes x No ions of the repair(s) and repair	elephone number.	opies of the repair order(s) if possible, and
		1	
Prior electrical system service	Yes x No		
If yes, provide the following: Date		Description	
Date		Description	
Prior collision repair? If yes, provide the following:	Yes x No]	
Date		Description	
Prior SIR and/or seat belt servifyers, provide the following:	vice, repair, or replacement?	Yes X No	
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.

Remote Start Body Modifications Unknown	Suspension Towing Equip.	Tires/Wheels Security Alarm	Turbo Wiring	Aftermarket Exhaust Headers
If yes, describe component, w installed it, and capture photos		ions.		
Other vehicle history informatio	n from interview, GM Wa	arranty, or Dealership hi	story files?	x Yes No
If Yes, describe & make copie	s: GM History.			
•	Dealership Recor	ds.		
	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"? Airbag warning light came "ON" with the ignition key, blinked several times and stayed "ON"?

Yes 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? Buckle driver's seat belt. Seat belt light on?

x Yes Yes



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?

x Yes



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	R006 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		

PHOTOS OF THE CDR SCREEN ARE REQUIRED TO SHOW ANY ERROR MESSAGES

How was download obtained? X Yes
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
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
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 <u>any damage</u> 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.

bee 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?

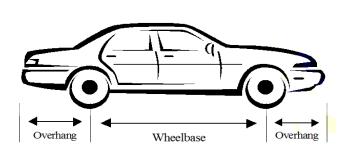
Yes
Yes

No
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:

					8 of 13
R006 Restr	aint Systems / SIR	/ Seat Belts Prel	iminary Insp	pection v2.1	
Customer's last name:		Inspection date	:	04/11/2013	
Vehicle brand:	Chevrolet	Year/Model:		2012 / Sonic	
Case #:	71-1160517173	VIN:		1G1JC5SH5C4	
Type of impact(s)? x Fron	tal Side	Rear Rollove	er Othe	er:	
The following dimensions should See diagram for definitions of or				tude of the impact to	the vehicle.
occ anagram for dominations of c	romang. Do not report	no onango in uno oc	otion:		
All values in inches:					
Driver side wheelbase	Passenger	side wheelbase			
Driver side front overhang	Passenger	side front overhang			
Driver side rear overhang	Passenger	side rear overhang			
Maximum depth of cruch (Inches	s): Front	Driver's	sido		1
Maximum depth of crush (Inches	Rear		ger's side		1
	Roof	r assent	ger 3 side		1
	INOOI				
Additional comments regarding					
NOTE: No deformation of the wh		npartment. See attached	d body shop pho	tos and records.	
Vehicle was repaired prior to insp	ection.				
PRIOR DAMAGE					
Document and photograph any	damage that appears to	have been present pric	or to this incide	nt:	
Vehicle has pre-existing damage					photo loa
Does customer allege non-deployi			Yes	x No	prioto log.
		3 -			
NOTE: Complete the following if t	he customer allegation inv	olves NON DEPLOYME	NT of the side in	npact airbags or roof ra	ail airbags.
Otherwise leave the remaining por	tion of section blank. Ider	tify and photograph the	following items:		
Inspector's Note #3: The inquirie	os holow ara not applicable	to the allogation			
inspector's Note #3. The inquire	5 Delow are Hot applicable	to the allegation.			
Door hinges on struck side dama	ged?		Yes	No	
Door hinges on struck side separ			Yes	No	
Damage to striker/latch system?			Yes	No	
Any rubber or paint transferred to	the subject vehicle?		Yes	No	
Damage from extrication tools (e			Yes	No	
Separation of sheet metal along		panels, etc)?	Yes	No	
Side door beam damaged? (Pho		pa, .	Yes	No	
Side beam welds separated (Pho			Yes	No	
Interior door trim damaged?	tos ii possibio):		Yes	No	
Interior roof trim damaged near d	loor opening?		Yes	No	
interior roor trim damaged near d	oor opening?		res	INO	
Additional comments:					
Photograph the following:				1	
Hinges on non-struck side		ad view (if possible)			
Latch/striker on non-struck side	Door trir	n on non-struck side			
Underbody, front & rear suspension	n Headlin	er / roof trim on non-stru	ck side		
Striking vehicle (If available)		er vehicles involved (if p	ossible)		
INTEDIOD INSDECTION (Dhata	ranh tha aida viaw of the	stooring wheel and a	alumn tha inter	ior and deployed sir	hage)
INTERIOR INSPECTION (Photog	rapir the side view of the	s steering wheel and co	ranni, the inter	ioi, aliu uepioyeu airi	Jays)

Interior reduced in size?	Yes
Intrusion by an external object?	Yes
Loose objects inside?	Yes
Cowl deformed?	Yes
Floorpan / Toepan deformed?	Yes
Headliner / visors damaged?	Yes
Inside rear-view mirror damaged	Yes

X	No
X	No
Y	Nο

Where:		
Describe:		

R006 Rest	raint Systems / S	SIR / Sea	at Belts	s Preliminary	Inspection v2.1
Customer's last name:			Inspect	ion date:	04/11/2013
Vehicle brand:	Chevrolet		Year/M	odel:	2012 / Sonic
Case #:	71-1160517173		VIN:		1G1JC5SH5C4
Door trim damaged?		Yes x	No	Describe:	
Steering column displaced?		Yes x		Describe:	
Steering column capsule bracket		Yes x		Describe:	
Control knobs/ levers damaged		Yes x		Describe:	
Accelerator/brake pedals deform		Yes x		Describe:	
Instrument panel damaged?		Yes x		Describe:	
Lower IP/Kneed bolster damage		Yes		Describe:	
If any of the following are "Yes	" canture nhotograni	hs			
Driver front airbag deployed?		Yes x	No	Describe:	
Passenger front airbag deployed	d?	Yes x	No	Describe:	
Driver side airbag deployed?		Yes x	No	Describe:	
Passenger side airbag deployed	1?	Yes x	No	Describe:	
Driver roof rail airbag deployed?		Yes x	No	Describe:	
Passenger roof rail airbag deplo	yed?	Yes x	No	Describe:	
Other? (pretensioners, etc.)		Yes	No	Other:	
Steering wheel damaged? If yes, describe? If applicable, indicate the "clock" (NOTE: The top of the steering) If steering wheel?	Yes X No Hub Position of damage to t	boody shop probable steering	% (App	pection of vehicle	Damaged by occupant contact ate % of perimeter separation See attached body shop records.
If yes, position? IF THERE WERE ANY TRANSF Vere transfer marks present (cloth	Forward Mi ER MARKS PRESENT	ddle ON THE S			OGRAPH THEM
If yes, describe? If the SDM is located under a sea If any exist, remove the seat and Any signs of water intrusion? If yes, describe:					could damage the module or its wiring. findings and photograph.
SEAT INSPECTION (Photograph		50%	.0 C=114 E	anah Co/	40 Onlia Domoh
Type of front seat? x Bu	icket Bench	50/5	50 Split Be	ench 60/4	40 Split Bench
DRIVER'S SEAT INFORMATION Seat damage? If Yes, location? Seatback struck by rear occupant If yes, describe:	Yes Seat bottom	x N B	ackrest	Headrest	

Customer's last name:		Inspection date:	04/11/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
Case #:	71-1160517173	VIN:	1G1JC5SH5C4
IGHT FRONT PASSENGE eat damage? Yes, location? eatback struck by rear occ yes, describe:	Yes Seat bottom upant? Yes	x No Backrest x No	st
Iditional info regarding sea image (Front or rear):	it.		
INDOW INSPECTION			
ote all window conditions:			when body repairs were performed pri- ne of inspection. See attached body si
ESTRAINT SYSTEM	INSPECTION		
	Note: Do not "Clear Coo	les" from the on-board cor	mputer(s)
equipped, are the pretensi	oners activated / deployed?	Yes X No	
Alleged", SIR Unit(s):			
Driver front	x 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		
ctual 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)	x Other: None
Driver pretensioner	Passenger pretensioner		
NSPECT SIR WIRING a IR wiring damaged? IR sensors damaged / disc	onnected? (IF VISIBLE) Yes Yes	No Describe: No Describe:	
any airbag(s) deploye	d was it the:		
river front airbag			
ag material cut / torn? ransfer marks present (ma	keup, clothing, etc.)		
assenger front airbag ag material cut / torn? ansfer marks present (ma	keup, clothing, etc.)		

Passenger side airbag

110	06		
32.00		Inspection date:	04/11/2013
/ehicle brand:	Chevrolet	Year/Model:	2012 / Sonic
Case #:	71-1160517173	VIN:	1G1JC5SH5C4
ag material cut / torn	2	es No Describe:	
		es No Describe:	
ansier marks preser	it (makeup, clothing, ctc.)	es No Beschie	
oof rail airbag			
ag material cut / torn	? Y	es No Describe:	
		es No Describe:	
amage due to moistumale ends for signs rbag system operation the vehicle is equipped ocument to determine thicles may have roll OTE: Some vehicle OBTAIN SDM IF POSSIBLE	are/corrosion. Visually inspect the car of corrosion. If the SDM is mounted up on and, if found, inspect the area very sed with roll-over protection, download whether vehicle is supported, and/o	pet and floor pan for moisture a under a seat, visually inspect for carefully. Photograph as need d the ROS data after download or observe the icons on the fund will be embossed on the trim at e in the ignition "on" position in RTENT DEPLOYMENT ALLEGA KEY ON/OFF PRIOR TO OBTA	ing the CDR data. (See ROS Coverage ction bar on the CDR screen.) SUV-type the A and possibly B pillars of the vehicle. order to download the data ATIONS AINING THE DOWNLOAD
	btained directly from the module, was	s the module removed from the	
the download was ol	btained directly from the module, was	s the module removed from the	
the download was of removed from the ventained: ESTRAINT SYSTEM FA COLLISION OCCURATION THE TIME OF COL	btained directly from the module, was ehicle, describe/photograph the conditional control of the conditional conditional control of the conditional condi	s the module removed from the tions under which the module v	vehicle? Yes No
the download was of removed from the ventained: ESTRAINT SYSTEM A COLLISION OCCUR THE TIME OF COLUMN OCCUR THE TIME OF COLUMN OCCUR OCCUR TO THE TIME OF THE TIME OF COLUMN OCCUR	btained directly from the module, was ehicle, describe/photograph the conditional control of the conditional conditional control of the conditional control of the conditional co	the module removed from the tions under which the module v	vehicle? Yes No
the download was of removed from the ventained: ESTRAINT SYSTI A COLLISION OCC T THE TIME OF COLUMN COLUM	btained directly from the module, was chicle, describe/photograph the conditional control of the	the module removed from the tions under which the module v	vehicle? Yes No
the download was of removed from the ventained: ESTRAINT SYSTE A COLLISION OCCUR THE TIME OF COLUMN COLUM	btained directly from the module, was chicle, describe/photograph the conditional control of the	the module removed from the tions under which the module v	vehicle? Yes No
the download was of removed from the ventained: ESTRAINT SYSTI A COLLISION OCC THE TIME OF COLUMN OCCUPATION OF INSPECTED Priver Driver's side rear motograph: The over	btained directly from the module, was chicle, describe/photograph the conditional control of the control of	the module removed from the tions under which the module value of	vehicle? Yes No vas mounted when the download was BELT(S) POSITIONS OF ALL OCCUPAN vas present in the vehicle at the time of the
the download was of removed from the ventained: ESTRAINT SYSTI A COLLISION OCCUR THE TIME OF COLUMN OF COLUMN OF THE TIME OF COLUMN OF THE OWN OF THE TIME OF COLUMN OF THE TIME OF COLUMN OF THE TIME OF THE	btained directly from the module, was chicle, describe/photograph the conditional control of the control of	the module removed from the tions under which the module value of	vehicle? Yes No vas mounted when the download was BELT(S) POSITIONS OF ALL OCCUPAN vas present in the vehicle at the time of the
the download was of removed from the ventained: ESTRAINT SYSTI A COLLISION OCCURT THE TIME OF COLUMN OF COLUMN OF THE TIME OF COLUMN OF THE TIME OF COLUMN OF THE OFFICE OF THE OFFICE OF THE OFFICE OFFI OFFI OFFI OFFI OFFI OFFI OFFI OFF	btained directly from the module, was chicle, describe/photograph the conditional conditions and the conditional conditions are considered by the conditional conditions and the conditional conditional conditions are considered by the conditional conditions are conditional conditional conditional conditional conditions are conditional condit	t belt. If other seat belt positions	vehicle? Yes No vas mounted when the download was BELT(S) POSITIONS OF ALL OCCUPAN vas present in the vehicle at the time of the
the download was of removed from the ventained: ESTRAINT SYSTI A COLLISION OCCURT THE TIME OF COLUMN OF COLUMN OF THE TIME OF COLUMN OF THE TIME OF COLUMN OF THE OFFICE OF THE OFFICE OF THE OFFICE OFFI OFFI OFFI OFFI OFFI OFFI OFFI OFF	btained directly from the module, was shicle, describe/photograph the conditional conditions and the conditional conditions are the conditional conditions. EM INSPECTION (SEAT BELTS) CURRED, THE SEAT BELTS SHOUL LISION. d seatbelts: Center front Center front Center rear erall belt assembly (both outboard postomponents of the seat belt system and retensioners activated / deployed? Sellowing questions for the driver's seat sults. Identify and photograph the following and photograph the following and conditions are the conditional conditions.	t belt. If other seat belt positions	vehicle? Yes Nowas mounted when the download was BELT(S) POSITIONS OF ALL OCCUPAN vas present in the vehicle at the time of the #37 – 42 of the photo log.

Customer's last name:	estraint Systems / S	Inspection		iiiiai y i	04/11/2013	
Vehicle brand:	Chevrolet	Year/Mod			2012 / Son	
Case #:	71-1160517173	VIN:	01.		1G1JC5SH	
Secure webbing, measure ler If abnormalities are seen during Does the webbing spool in an	ng the following, ensure you	capture measuremer	nts and p	Inches of the Yes	the damage.	1
Deed the Wessing open in an	a cat iroony (minima onony).			Lap	Shoulder	-
Marks, cuts or debris present	on shoulder and lap belt wel	bbing?		Yes	x No	1
Webbing energy management unfolded, replacement/warning	g label exposed?	es pulled free,		Yes	x No	
Tack stitch separated from pla	astic sleeve?			Yes	x No	 -
Webbing cut?				Yes	x No	<u> </u>
Does guide loop assembly ex				Yes	x No	
Does guide loop adjuster mov		<u>'?</u>	X	Yes	No	
Does the seat belt buckle late		uaklad?	X	Yes	No No	-
Does the seat belt return to the		uckied?	Х	Yes Yes		-
Buckle condition (worn or fore Any components missing?	ign material present)?			Yes	x No	-
Does the seat belt return to the	e stowed position when ruph	uckled?	х	Yes	No	-
Any post-collision damage pre			^	Yes	x No	-
s the seat belt webbing cut? (I				Inches	A NO	1
If possible, perform a dynamic to the retractors on the belts but the second of the retractors on the belts but the second of th	eing inspected appear to locach belt inspected rapidly. (Nest.) Did the retractors lock? pector's Note #5: Due to a	ck and hold properly?	ivated	x Yes	Yes No	
	ing on the belt.					
Section 5	SI	TE INSPECTION	N .			
Vas a site inspection performe Comments? NOTE: In most instances a s	ite inspection is not required	on vehicles with no c	lamage	present (e	e.g. claimant says	they hit a pot hole
Posted speed where the incid	ent occurred?	(mph)				
0.77	DM THE FOLLOWING IF A	DDITIONAL INFORM	ATION	MAVDE	EOUND:	

- 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.
- ldentify 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 road	dway & shoulder surfaces in the area of the incident site for telltale signs of loss of
•	eed, severe braking, etc.
Photograph the scene and a	any property involved. Only factual comments should be entered in this section:
Section 6	COMMENT OVERFLOW
Please use this area for add are continued from prior to	itional comments from the inspection form. Please note the section and area that the comments each comment.
Section 7	OTHER REPORT INFORMATION
Section 1	OTTLK REPORT INFORMATION
According to NHTS term also includes, smouldering, but do	ras evidence of a "Fire-Related" event. A, "fire" means combustion or burning of material in or from a vehicle as evidenced by flame. The but is not limited to, thermal events and fire-related phenomena such as smoke, sparks or bes not include events and phenomena associated with a normally functioning vehicle, such as within an engine or exhaust from an engine.
Attachments: (Check all tha	at apply)
v. Dhatamanha	Data Dayunlanda W. Othor Danarda

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



To rita_sanchez@gmexpert.com

СС

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
2012 chevrolet Sonic
VIN 1G1JC5SH5C4
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.

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.



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: 2012 Chevrolet Cruze 1G1PF5SC7C7 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		- 13
	71-1163533109	
EDR Data Imaging Date	03/20/2013	- 11
Crash Date	03/03/2013	14
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 Av ailable" if:
 - -No data is received from the module sending the pre-crash data
- -Belt Switch Circuit Status indicates the status of the seat belt s witch 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.

Positive Sign
Forward
Forward
Left to Right
Left to Right
Downward
Clockwise Rotation

01042_SDM10P-autoliv_r011





System Status at Time of Retrieval

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	00000000
ESS # 4 Traceability Data, Component Identifier	AJ
ESS # 4 Traceability Data, Part Number/Broadcast Code	2577
ESS # 4 Traceability Data, Supplier Code	0151005D4
ESS # 4 Traceability Data, Traceability Number ESS # 5 Traceability Data, Component Identifier	0151CC5D4 DA
ESS # 5 Traceability Data, Component Identifier ESS # 5 Traceability Data, Part Number/Broadcast Code	4936
ESS # 5 Traceability Data, Part Number/Broadcast Code	4930
ESS # 5 Traceability Data, Supplier Code ESS # 5 Traceability Data, Traceability Number	015213208
ESS # 6 Traceability Data, Traceability Number	DB
ESS # 6 Traceability Data, Component Identifier ESS # 6 Traceability Data, Part Number/Broadcast Code	4936
ESS # 6 Traceability Data, Part Number/Broadcast Code	4930 F
ESS # 6 Traceability Data, Supplier Code	015225B7E
ESS # 7 Traceability Data, Traceability Number	01322387E
ESS # 7 Traceability Data, Component Identifier ESS # 7 Traceability Data, Part Number/Broadcast Code	0000
ESS # 7 Traceability Data, Fart Number/Bloadcast Code	
ESS # 7 Traceability Data, Supplier Code ESS # 7 Traceability Data, Traceability Number	000000000
ESS # 8 Traceability Data, Traceability Number	72
ESS # 8 Traceability Data, Component Identifier ESS # 8 Traceability Data, Part Number/Broadcast Code	????
ESS # 8 Traceability Data, Fart Number/Bloadcast Code	7
ESS # 8 Traceability Data, Traceability Number	7???????
LOG // O Traccability Data, Traccability Nullibel	111111111





System Status at Event (Event Record 1)

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	0#
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	14 [22]
Velocity Change for FSR Event) MPH [km/h]	-14 [-22]
Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM	104
Recorded Vehicle Velocity Change)(msec)	194
Maximum Delta-V, Lateral (Maximum Lateral SDM Recorded Vehicle Velocity Change	0.101
for FSR Event) MPH [km/h]	-2 [-3]
Time Maximum Delta-V, Lateral (Time From FSR Time Zero to Maximum Lateral SDM	136
Recorded Vehicle Velocity Change)(msec)	130





DTCs Present at Time of Event (Event Record 1)No Diagnostic Trouble Codes





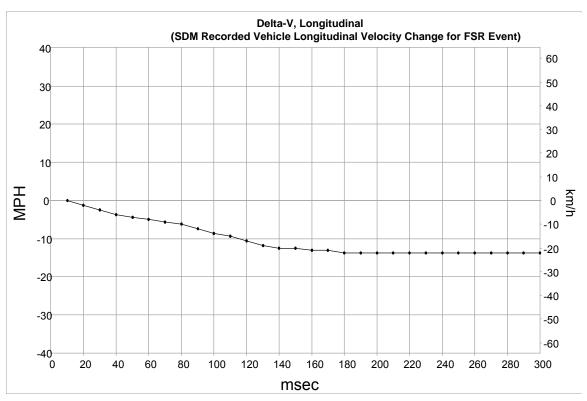
Event Data (Event Record 1)

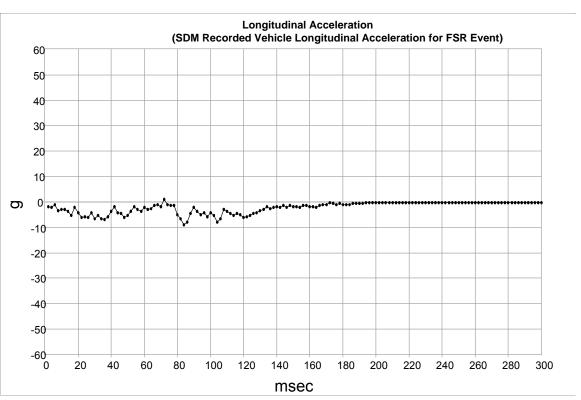
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Time From Time Zero to Deployment Command Criteria Met) (msec) Frontal Air Bag Deployment, Time to 2nd Stage, Driver (Driver 2nd Stage Time From Time Zero to Deployment, Time to 1st Stage Deployment, Right Front Passenger (Passenger 1st Stage Time From Time Zero to Deployment Command Criteria Met) (msec) Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec) Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec) Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec) Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment, Time to Fire, Right Front Passenger (Passenger Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec) Data Not Available Data Not Available		No
Frontal Air Bag Deployment, Time to 2nd Stage, Driver (Driver 2nd Stage Time From Time Zero to Deployment, Time to 1st Stage Deployment, Right Front Passenger (Passenger 1st Stage Time From Time Zero to Deployment Command Criteria Met) (msec) Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec) Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec) Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec) Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec) Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to 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 Data Not Available	Frontal Air Bag Deployment, Time to 1st Stage Deployment, Driver (Driver 1st Stage	Data Nat Available
Time Zero to Deployment Command Criteria Met) (msec) 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) Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec) Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec) Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec) Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to 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 Data Not Available		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) Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec) Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec) Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec) Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to 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 Data Not Available		Data Not Available
(Passenger 1st Stage Time From Time Zero to Deployment Command Criteria Met) (msec) Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec) Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec) Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec) Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment Command Criteria Met) (msec) Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Data Not Available Data Not Available	Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
(msec) 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, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Data Not Available	Frontal Air Bag Deployment, Time to 1st Stage Deployment, Right Front Passenger	
Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec) Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec) Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec) Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec) 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	(Passenger 1st Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available
2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec) Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec) Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec) Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec) Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Data Not Available		
Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec) Side air bag deployment Command Criteria Met) (msec) Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec) Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment Command Criteria Met) (msec) Pretensioner Deployment Loop #1 or Loop #2 Command Criteria Met) (msec) Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Data Not Available		Data Not Available
Time Zero to Deployment Command Criteria Met) (msec) Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec) Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec) Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Data Not Available Data Not Available	2nd Stage 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) Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec) Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Data Not Available Data Not Available	Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From	Data Not Available
Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec) Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec) Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Data Not Available Data Not Available		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) Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Data Not Available Data Not Available		Data Not Available
Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec) Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Data Not Available		Data Not Available
Pretensioner Time From Time Zero to Deployment Loop #2 Command Criteria Met) (msec) Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Data Not Available		Data Not Available
Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Data Not Available		Data Not Available
Critoria Mot) (maga)		Data Not Available
Criteria wet) (risec)	Criteria Met) (msec)	





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





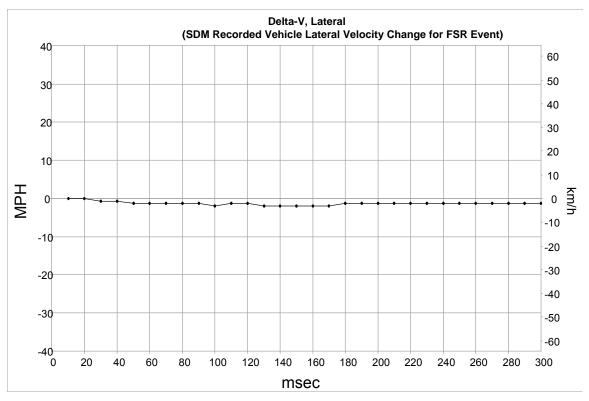
Longitudinal Crash Pulse (Event Record 1)

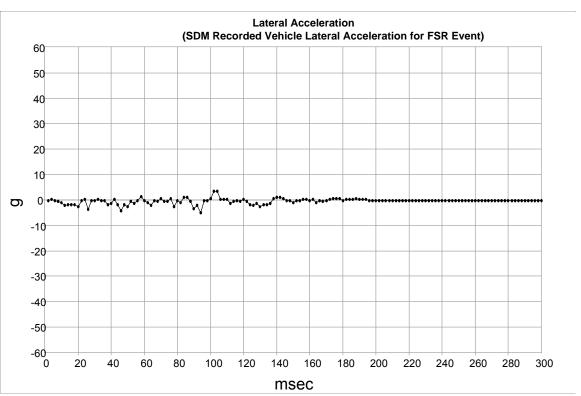
	<u>udinai Crash Puis</u> e				
Time	Longitudinal	Time	Longitudinal	Time	Longitudinal
(msec)	Acceleration	(msec)	Acceleration	(msec)	Acceleration
	(SDM Recorded Vehicle		(SDM Recorded Vehicle		(SDM Recorded Vehicle
	Longitudinal		Longitudinal		Longitudinal
	Acceleration for FSR		Acceleration for FSR		Acceleration for FSR
	Event) (g)		Event) (g)		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		110		210	
12	-3.0		-3.8		-0.2
	-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	174	-1.0	274	-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)

Latera	l Crash Pulse (Eve	<u>nt Reco</u>	ord 1)		
Time	Lateral Acceleration	Time	Lateral Acceleration	Time	Lateral Acceleration
(msec)	(SDM Recorded Vehicle	(msec)	(SDM Recorded Vehicle	(msec)	(SDM Recorded Vehicle
	Lateral Acceleration for		Lateral Acceleration for		Lateral Acceleration for
	FSR Event) (g)		FSR Event) (g)		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.

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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 OC OB OO OO OO
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
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
30 30 30 30 30 30 45 30 30 30 30 30 30 30 30
DID $0F
DID $30
00 00 01 00
DID $90
31 47 31 50 46 35 53 43 37 43 37 31 39 38 33 37 32
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
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DID \$C3 00 CF 2D 7D

DID \$CB 00 CF 43 58

DID \$31

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       FF 00 00 00 00 00 00 00 00 00
0020
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0030
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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
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                               62 62
0800
       62 62 61 00 FF FD 00 16
                               FD 00
       00 00 00 00 00 00 00 00 00 00
0090
0100
       00 00 00 00 00 00 00 00 00
0110
       00 00 00 00 00 00 69 61 7C 44
0120
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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
       бE
          7D 6C 7C 6B 7C 6B
                            7C 6A
                                  7C
0160
       бΑ
          7C 69 7D 69 7D 69 7D 69
0170
       69 7D 69 7D 69 7D 69
                                  7D
0180
       69 7D 69 7D 69 7D 69 7D 7B 7F
0190
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                               78 7A
0200
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0210
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0230
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                               76
                                  7 E
0240
       7в
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                               78
          7A 7C 7F 7D 7E 7B 81 82 7E
0250
       79
       7D 7E 7C 81 7C 79 73 7F 6F 7D
0260
0270
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0280
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0290
       6C 88 6F 80 78 80 76 80 74 7C
       72 7E 74 7F 73 7E 70 80 71 7E
0300
0310
       72 7B 74 7A 75 7C
                         77 79
                               78
                                  7в
0320
       7в
          7B 79 7C 7A 81
                         7в
                            82
                               7 A
                                  82
0330
       7C 81 7A 7F
                   7C 7F 7B 7D
                               7в
                                  7F
0340
       7A 7F 7C 80 7C 80 7B 7F
                               7B 80
0350
       7A 7D 7C 7F 7D 7E 7D 7F 7F 80
0360
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Disclaimer of Liability

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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 #	<u>Description Only</u>	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 31	Passenger's Side Rear Bumper Fascia.	Yes
32	Driver's Side Front Door Hinges Driver's Side Front Door Striker Post	No 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
"	No Assistance. See report for measurement of driver's seat to I.P.	
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:			
		Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7

Photo #	Description Only	<u>Damage</u> (Yes/No)
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

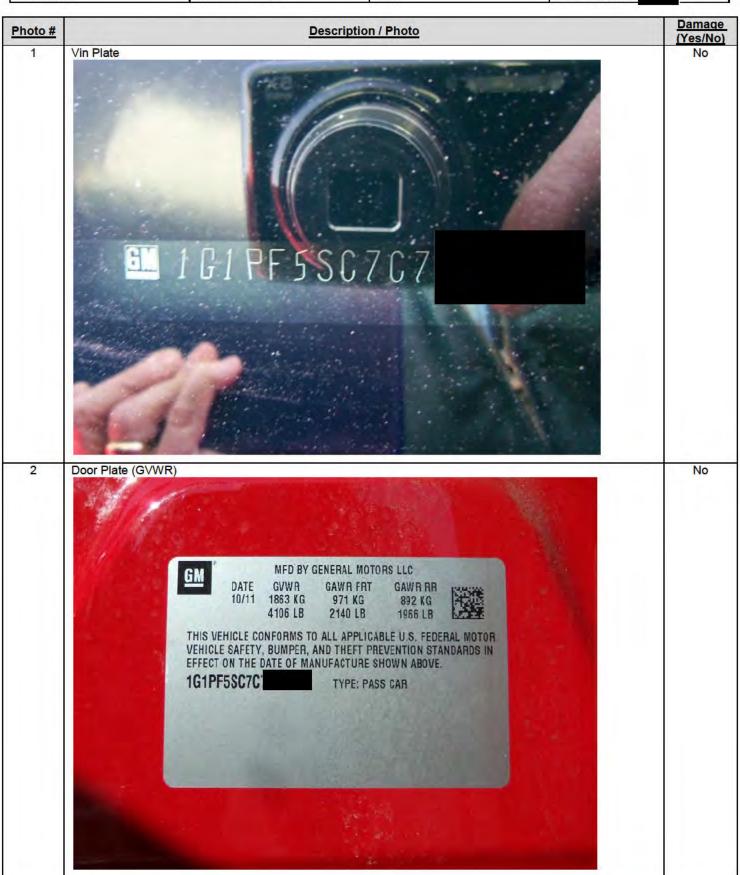


Photo Log & Photos for Preliminary Inspection v.3			
Customer's last name:		Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7

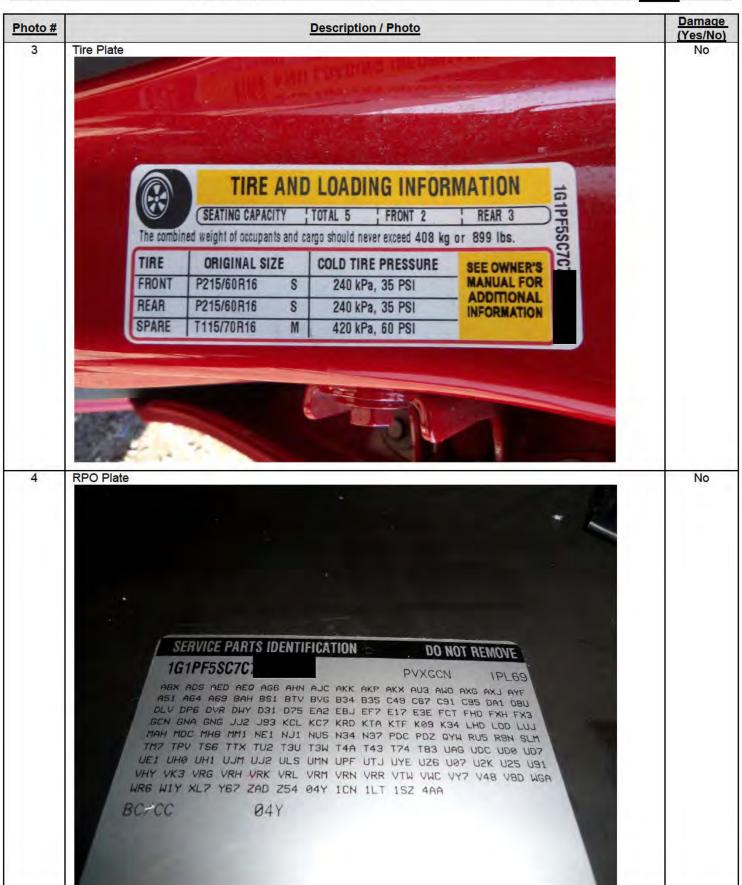


Photo Log & Photos for Preliminary Inspection v.3					
Customer's last name: Inspection date: 03/20/2013					
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz		
File case #:					

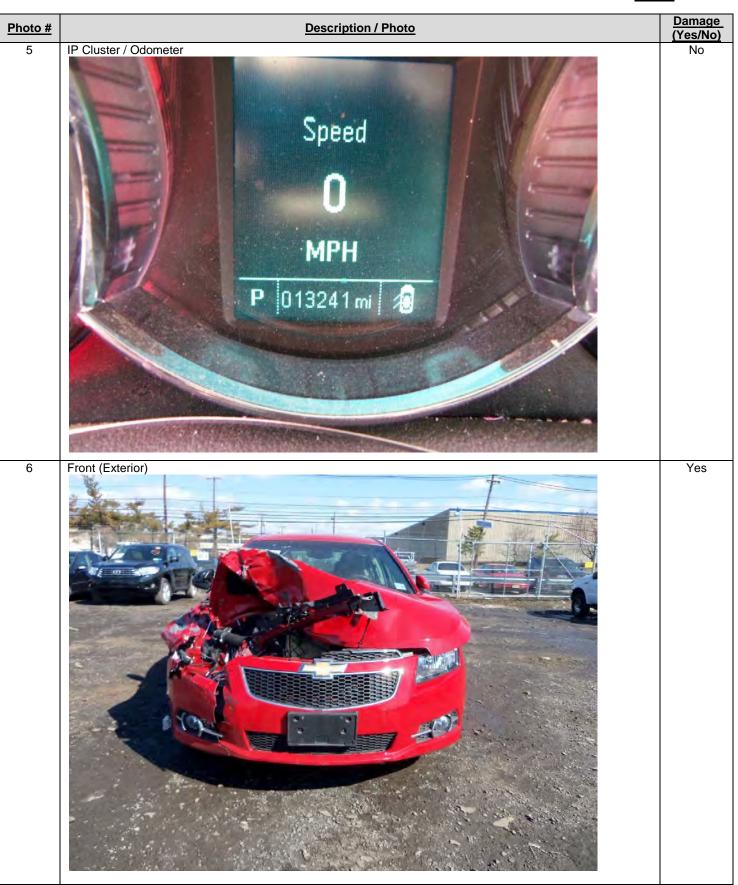


Photo Log & Photos for Preliminary Inspection v.3			
Customer's last name:		Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7

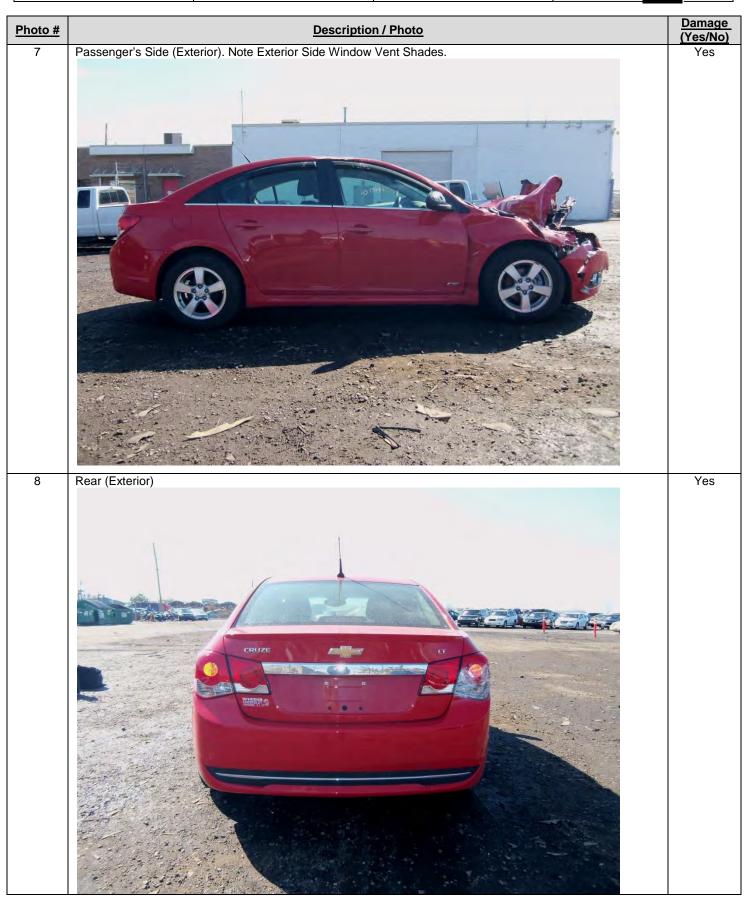


Photo Log & Photos for Preliminary Inspection v.3			
Customer's last name:	Collier		
	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7

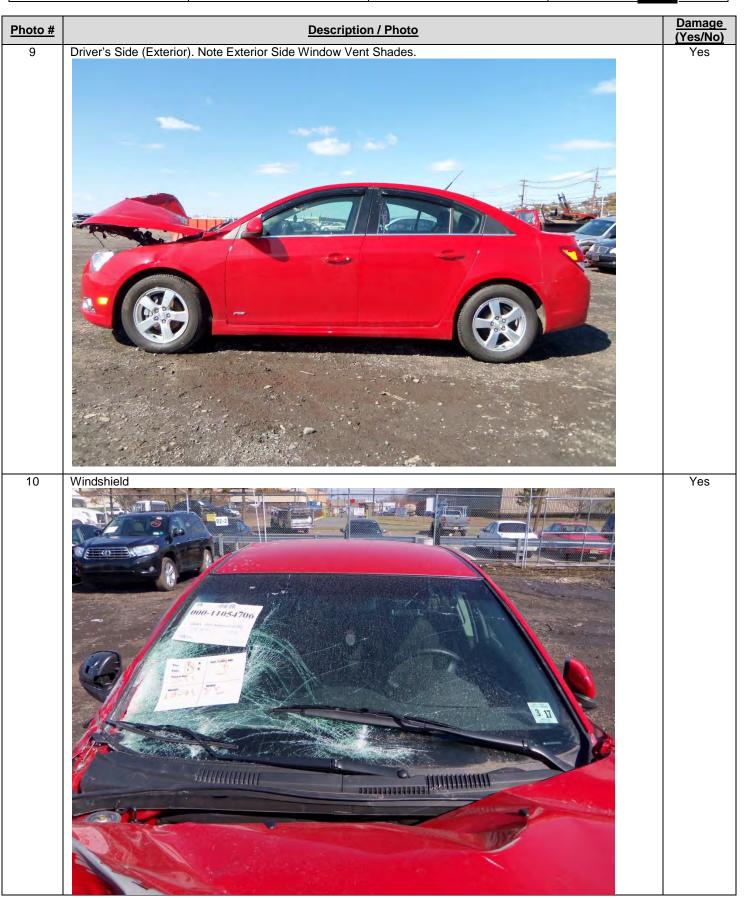


Photo Log & Photos for Preliminary Inspection v.3			
Customer's last name:		Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7

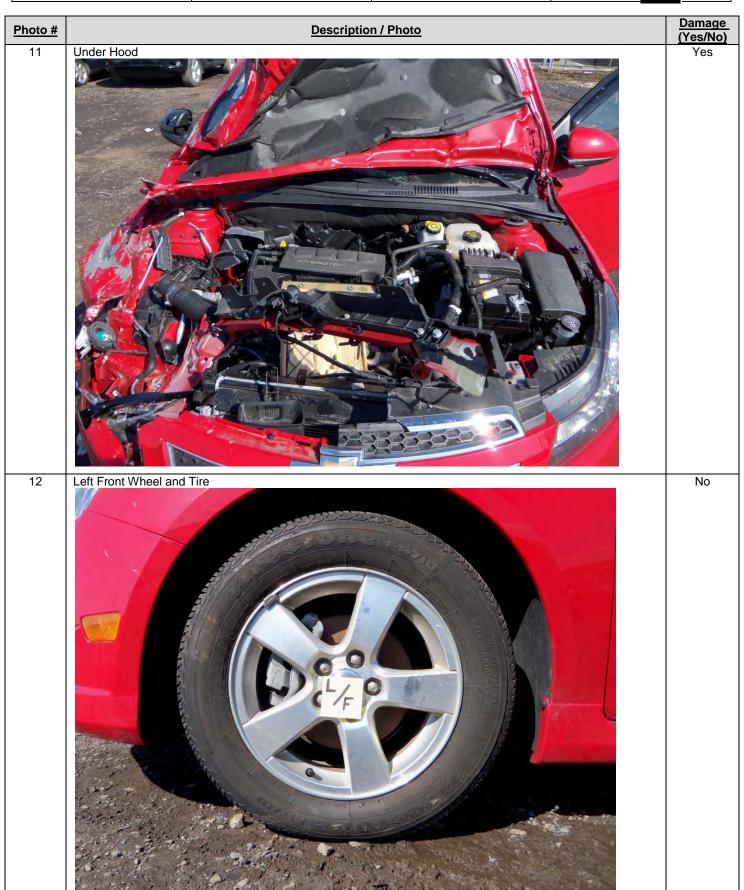


Photo Log & Photos for Preliminary Inspection v.3			
Customer's last name:		Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7

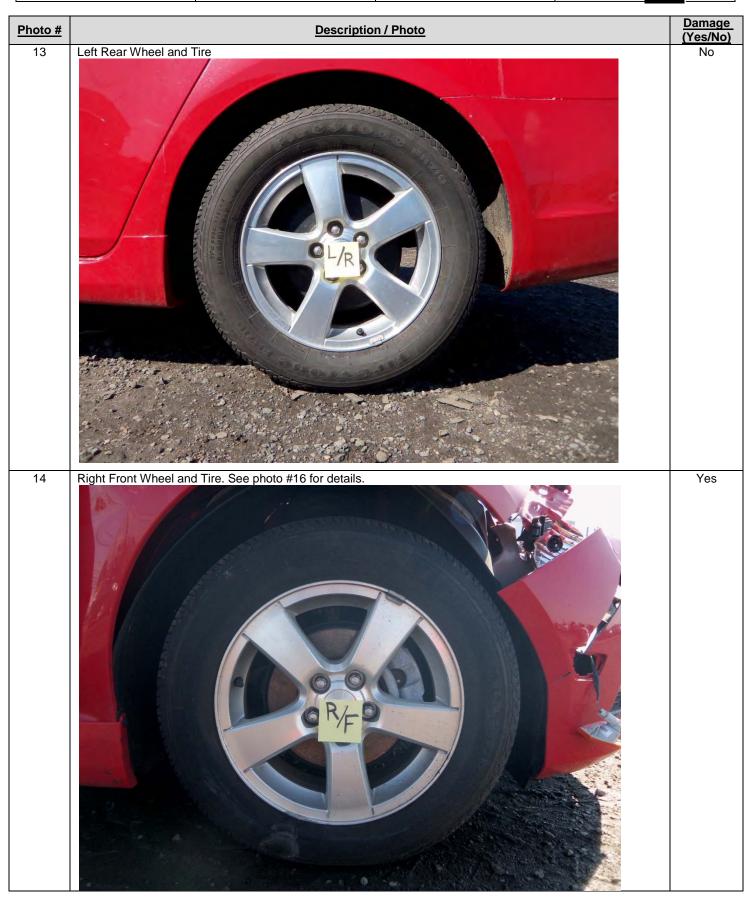


Photo Log & Photos for Preliminary Inspection v.3				
Customer's last name: Inspection date: 03/20/2013				
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz	
File case #:	71-1163533109	VIN:	1G1PF5SC7C7	

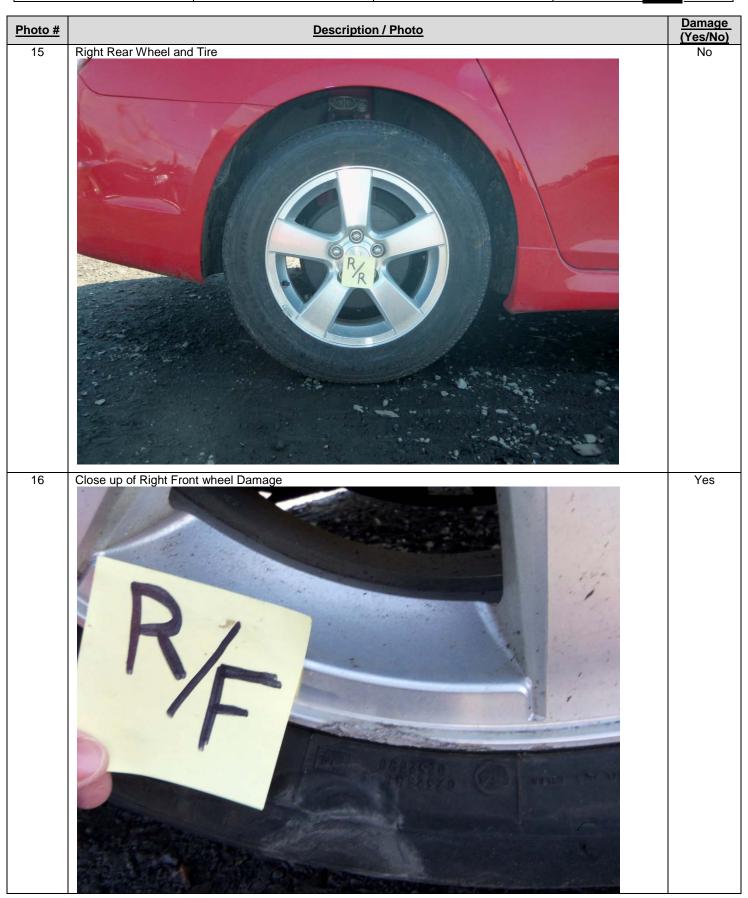


Photo Log & Photos for Preliminary Inspection v.3			
Customer's last name:		Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7



Photo 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

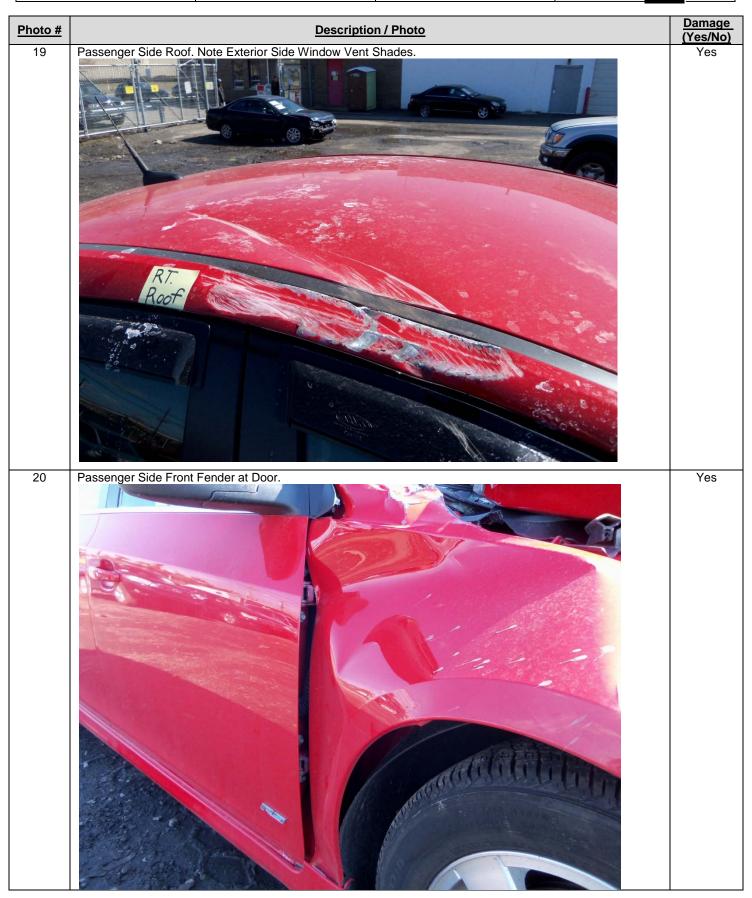


Photo Log & Photos for Preliminary Inspection v.3			
Customer's last name:		Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C

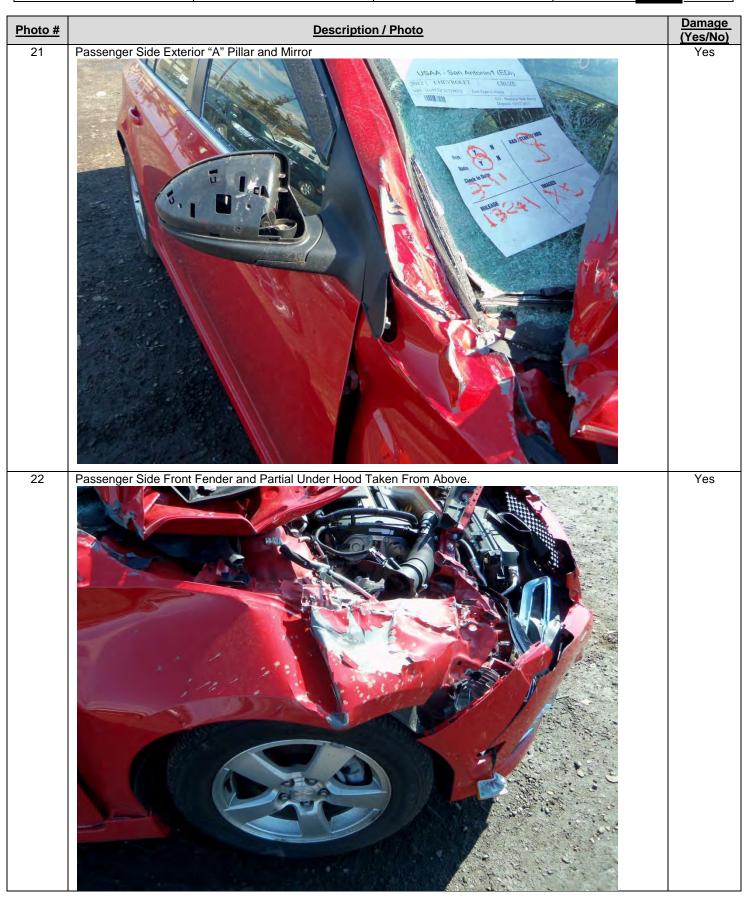


Photo Log & Photos for Preliminary Inspection v.3			
Customer's last name:		Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7

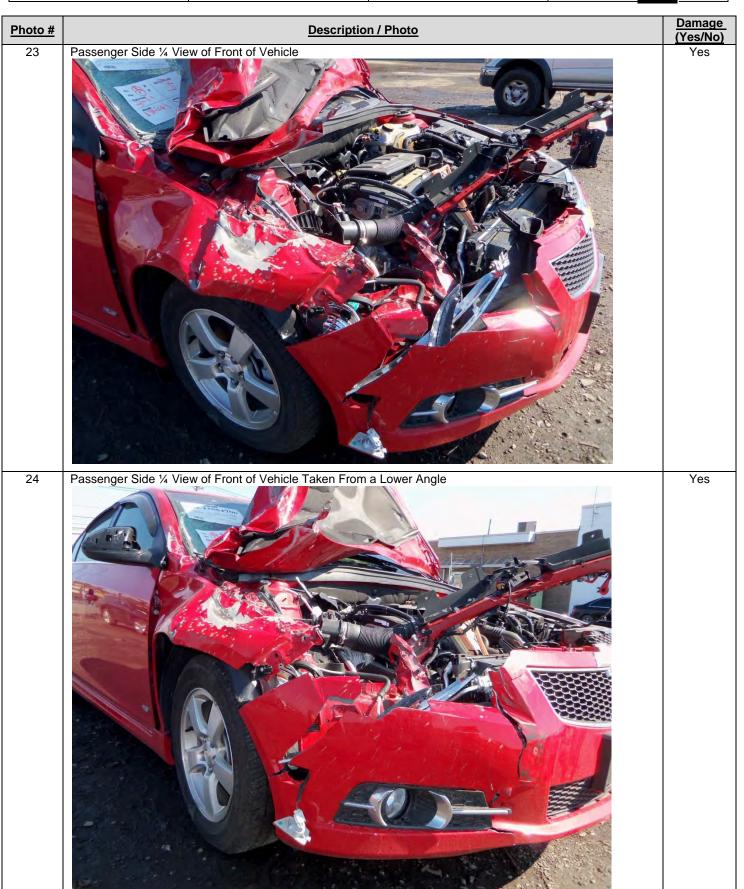
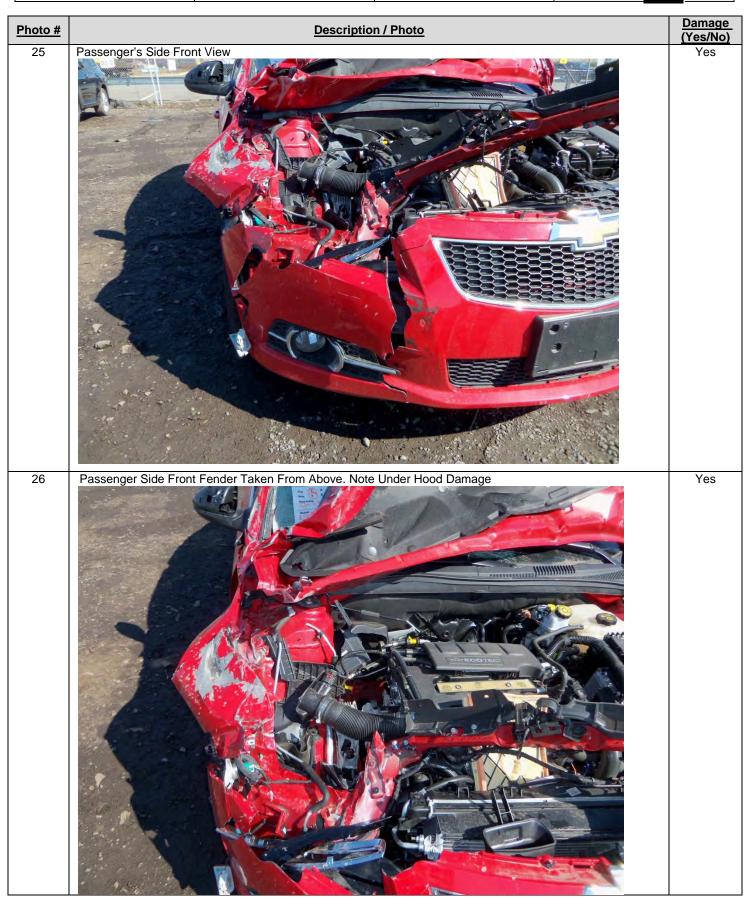


Photo Log & Photos for Preliminary Inspection v.3			
Customer's last name:		Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7



		Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7



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 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 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 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 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 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 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

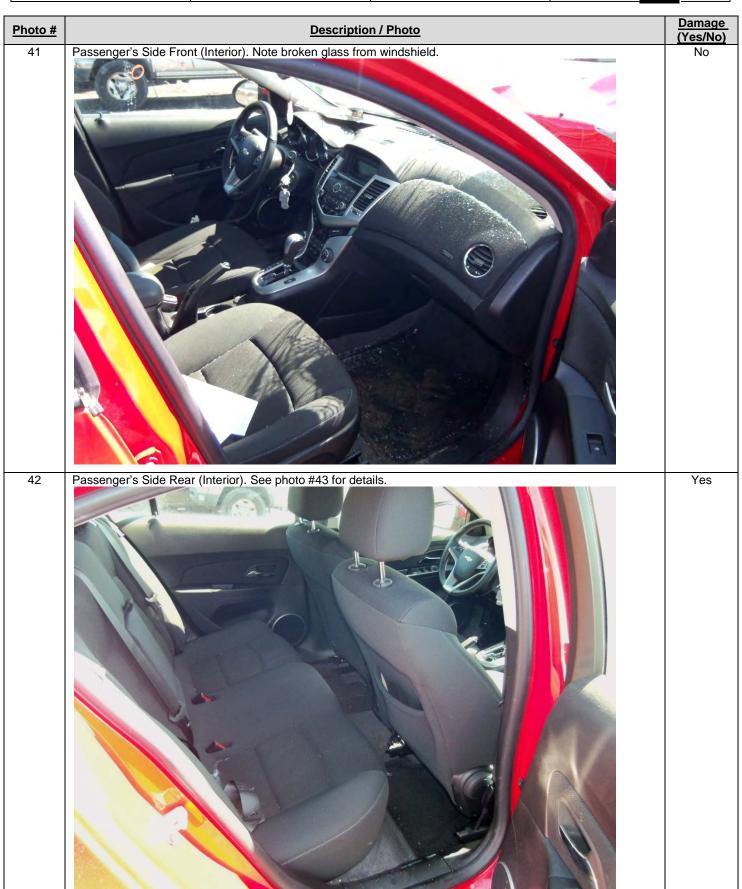


Photo Log & Photos for Preliminary Inspection v.3			
Customer's last name:		Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7

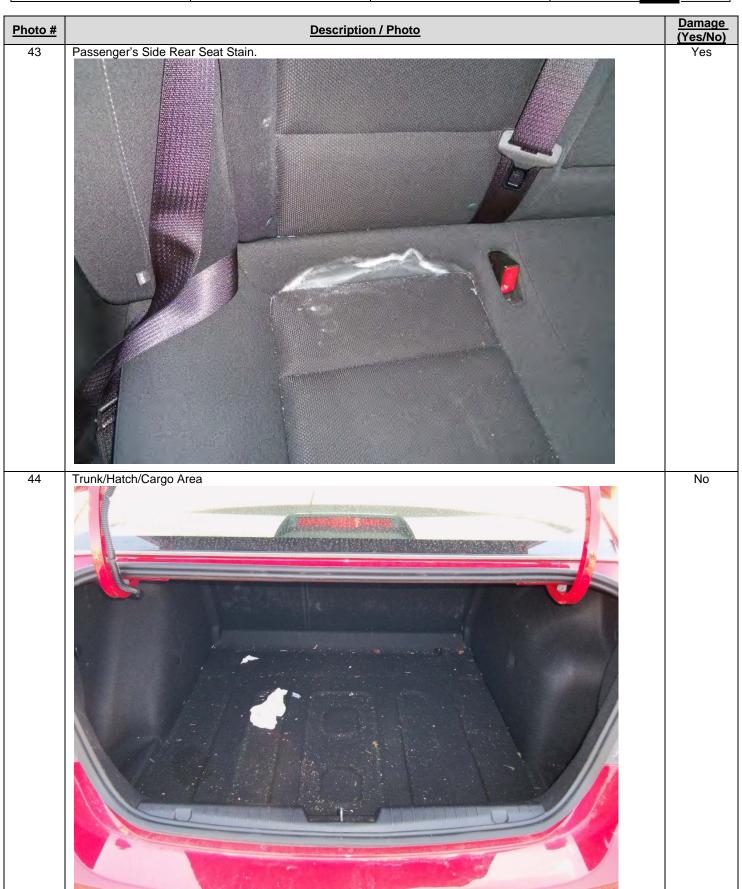


Photo Log & Photos for Preliminary Inspection v.3				
Customer's last name:		Inspection date:	03/20/2013	
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz	
File case #:	71-1163533109	VIN:	1G1PF5SC7C7	



Photo 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

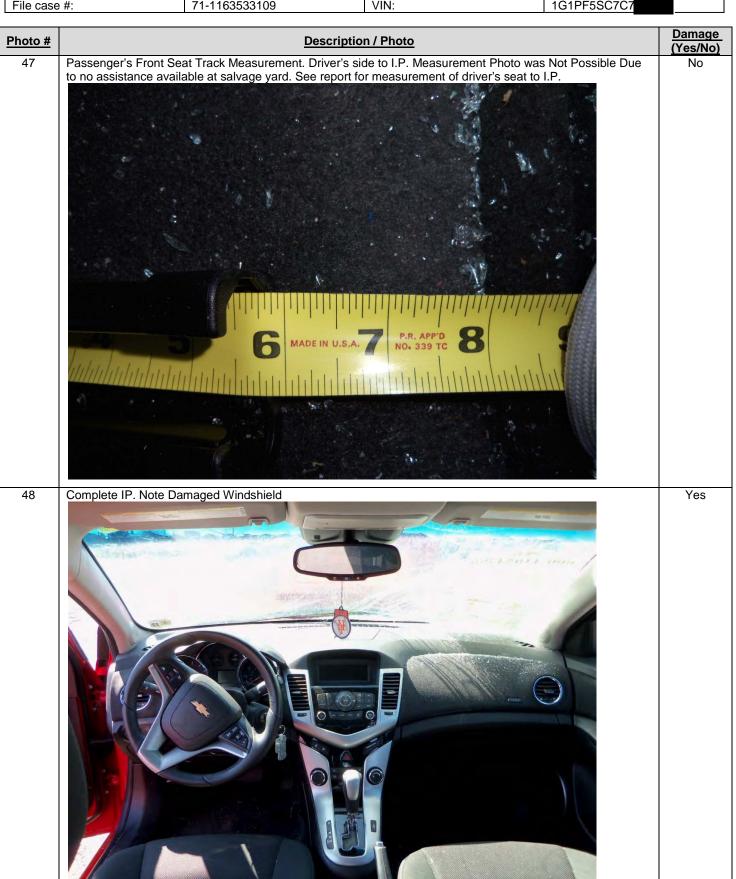


Photo Log & Photos for Preliminary Inspection v.3			
Customer's last name:		Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruz
File case #:	71-1163533109	VIN:	1G1PF5SC7C7



Photo 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 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	<u>Damage</u> (Yes/No)
53	Passenger airbag status lamp with seat occupied and seat belt latched PASSENGER AIR BAG OF	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

Outstanced land a success			y 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: Insu	urance Auto Auctions
Inspected by:	William L. Genovese		lvd., Carteret, N.J. 07008
Inspector's phone number:	248-687-4328	Ph: 732-634-5601	
Vas a dealer technician used? Yes. number of hours?	Yes X	No	Number of photos 53
possible, document the RO no	Imber:		Number of DTCs
laximum vehicle speed taken f		7	Ivalibel of DTC5
id CDR detect a rollover event		No	
nspector's Note #1: No diagn	nostic tools other than CDR we	ere available.	
Section 1	INSPECT	TON SUMMARY	
mportant section of the rep	ort:		stomer's words. This is a very
front of her that stopped sudde truck in the driver's side rear. S	enly because there was a disa Someone called the police and	abled vehicle blocking its path. S	0 – 45 mph. There was a pickup truck in he tried to avoid the truck but struck the was leaking fuel. The fire department of was then towed away.
IRBAG DEPLOYMENT INSPE	ECTION FORM.	mant states that it should have)	, COMPLETE THE INADVERTENT
Inadvertent deployment with Front Side	th a collision, (the claimant sta	ates that the airbag deployed wh	en it should not have)
Improper deployment (e.g. Front Side	the claimant states that the a	irbag deployed late or only partia	ally)
Deployment-induced injury	in a collision (the claimant sta	ates the deployment of the airba	g caused an injury)
Other Describe:			
None: seat belt - related a	llegation only		
escribe the seat belt related	allegation below:		
Non-activation (the claim	nant states that the seat belt d	id not restrain an occupant and	it should have)
	ant states the seat belt syster		7 20 27 7
Other Describe:			
Other Describe: x None: SIR - related alleg	gation only		

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:					
Û.	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? Fire report?

X	Yes
	Vac

No x 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?

x Yes

No

Were there any other occupants in the vehicle at the time of the incident?

Yes

x No

	Suant Systems / Sir	R / Seat Belts Preliminary	
Customer's last name:		Inspection date:	03/20/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
Case #:	71-1163533109	VIN:	1G1PF5SC7C7
ccupant's Information (If Ap	plicable)		
Name:		Name:	
Gender:		Gender:	
Height:		Height:	
Veight:		Weight:	
Age:		Age:	
	Carolina a		
here were the other occup	oants seated?		
ront Row:	ht Front Cer	nter	
	ht Rear Center	Left Rear	
	ht Rear Center	Left Rear	
LEGATION THAT FRONT	PASSENGER AIRBAG "DID	NOT DEPLOY" IN A COLLISION	4
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			National Contract of State State State of
			eploy in a collision. (Effective with the
			n.) Many vehicles were equipped with
		I and labels in the vehicle. The f	following information may be useful in
aluating those concerns.			
	17.101 Carriers -	LA Lisinh /for	t C in about
ransfer marks are present,	please provide:	Age Height (fee	et & inches) Weight (lbs)
ote: For details on the fro	nt passenger's physical des	cription, please refer to Section	2,
		and the state of t	
ecord and photograph the p	assenger seat position measu	rement.	
eat track position:	Inches 5.50		
	position in relation to the station		
	forward of, or back from the b		ard of x Back from
		dser	
notograph the measurement	t.		
iver seat position and its dis	stance to the IP: 11.00	Inches	
			TLY FROM THE SDM. RECONNECT
OM TO VEHICLE HARNES	S TO PERFORM THE TEST.	Take photos for documentation.	
orform the following check f	or vahiolog og vinnad with a na	accompar cirbon status indicator. N	IOTE: For some vehicles the key must b
the "on", or "run" position to	or venicles equipped with a pa	ssenger airbag status indicator. N	IOTE: For some vehicles the key must be
the off, of full position to	periorii the check.		
bserve the PASSENGER ai	rbag status indicator. Is the pa	ssenger airbag system "ON"?	x Yes No
		s the passenger airbag system "O	
•			
hotograph the seat cover an			
notograph any signs of the F	RF seat occupant contact with	the I/P or other interior area.	
(6 Al			ali ab t a f a a man and l
r the venicle is a truck or a trailer	a car trailering cargo at the t	time of the incident, estimate tot	al weight of cargo and (lbs
oad description:			
Load description.			
ny objects in the road?	Yes x No	7	
yes, describe:	105 X NO	1	
joo, describe.	Ļ		
id vehicle leave the roadway	? Yes No	T	
	133 1 110		
res, what was impacted?			
yes, what was impacted?			
yes, what was impacted?			

Vehicle brand: Case #: 71-1163533109 VIN: 1G1 Road Surface: Road Condition: Shoulder/Curb Condition: Select One> Any unusual noises (bang, pop, tick, grinding, metallic, roar, etc.)? Prior to or after the incident, were there any warning lights on, or messages displayed on the Driver's Information Center? If Yes, what indicator? Alrabag warning light was on after incident. Was the repair facility contacted regarding this concern? Was the repair facility contacted regarding this concern? Yes No	20/2013 12 / Cruze 1PF5SC7C7
Road Surface: Road Condition: Shoulder/Curb Condition: Select One> Any unusual noises (bang, pop, tick, grinding, metallic, roar, etc.)? Prior to or after the incident, were there any warning lights on, or messages displayed on the Driver's Information Center? If Yes, what indicator? Airbag warning light was on after incident. Has this condition been observed prior to this incident? Was the repair facility contacted regarding this concern? If Yes, what was the outcome?	1PF5SC7C7
Road Surface: Road Condition: Shoulder/Curb Condition: Select One> Asphalt Shoulder/Curb Condition: Select One> Asphalt Shoulder/Curb Condition: Select One> Any unusual noises (bang, pop, tick, grinding, metallic, roar, etc.)? Prior to or after the incident, were there any warning lights on, or messages displayed on the Driver's Information Center? Fyes, what indicator? Airbag warning light was on after incident. Has this condition been observed prior to this incident? Fyes, how often? Was the repair facility contacted regarding this concern? Fyes, what was the outcome?	k Dirt
Road Condition: Shoulder/Curb Condition: Select One> Any unusual noises (bang, pop, tick, grinding, metallic, roar, etc.)? Prior to or after the incident, were there any warning lights on, or messages displayed on the Driver's Information Center? If Yes, what indicator? Airbag warning light was on after incident. Alas this condition been observed prior to this incident? Was the repair facility contacted regarding this concern? Some of Yes, what was the outcome? Was the very air facility contacted regarding this concern? Yes No Yes No Yes No Yes No Yes, No	
Road Condition: Shoulder/Curb Condition: Select One> Any unusual noises (bang, pop, tick, grinding, metallic, roar, etc.)? Prior to or after the incident, were there any warning lights on, or messages displayed on the Driver's Information Center? If Yes, what indicator? Airbag warning light was on after incident. Alas this condition been observed prior to this incident? Was the repair facility contacted regarding this concern? Some of Yes, what was the outcome? Was the very air facility contacted regarding this concern? Yes No Yes No Yes No Yes No Yes, No	
Shoulder/Curb Condition: Select One> Any unusual noises (bang, pop, tick, grinding, metallic, roar, etc.)? Prior to or after the incident, were there any warning lights on, or messages displayed on the Driver's Information Center? If Yes, what indicator? Airbag warning light was on after incident. Alas this condition been observed prior to this incident? Was the repair facility contacted regarding this concern? Shoulder Wet Curb Yes X No Yes No Yes	Dirt
Any unusual noises (bang, pop, tick, grinding, metallic, roar, etc.)? Prior to or after the incident, were there any warning lights on, or messages displayed on the Driver's Information Center? If Yes, what indicator? Airbag warning light was on after incident. Alas this condition been observed prior to this incident? If yes, how often? Was the repair facility contacted regarding this concern? So an invoice for the repair available? If Yes, what was the outcome?	J Din
Any unusual noises (bang, pop, tick, grinding, metallic, roar, etc.)? Yes x No Prior to or after the incident, were there any warning lights on, or messages displayed on the Driver's Information Center? f Yes, what indicator? Airbag warning light was on after incident. Has this condition been observed prior to this incident? f yes, how often? Was the repair facility contacted regarding this concern? s an invoice for the repair available? f Yes, what was the outcome?	
Prior to or after the incident, were there any warning lights on, or messages displayed on the Driver's Information Center? f Yes, what indicator? Airbag warning light was on after incident. Has this condition been observed prior to this incident? f yes, how often? Was the repair facility contacted regarding this concern? s an invoice for the repair available? f Yes, what was the outcome?	
messages displayed on the Driver's Information Center? If Yes, what indicator? Airbag warning light was on after incident. Has this condition been observed prior to this incident? If yes, how often? Was the repair facility contacted regarding this concern? If yes	
Has this condition been observed prior to this incident? If yes, how often? Was the repair facility contacted regarding this concern? Is an invoice for the repair available? If Yes	
Was the repair facility contacted regarding this concern? Is an invoice for the repair available? If Yes, what was the outcome?	
f Yes, what was the outcome?	
DUD SAN LICENSES AND	
Additional comments concerning the incident:	
Section 3 VEHICLE HISTORYObtain information for this section from Driver / Claimant	
f any information for this section is obtained from anyone other than the claimant, provide the name and relationship, if any, to the claimant	ie, address, phone num
Namo:	
Name:	
Address:	
Address: Phone number:	
Address:	
Address: Phone number: Relationship to claimant: Did the owner purchase the vehicle new? x Yes No	
Address: Phone number: Relationship to claimant: Did the owner purchase the vehicle new? x Yes No fyes, date of purchase? 03/17/2012	
Address: Phone number: Relationship to claimant: Did the owner purchase the vehicle new? x Yes No fyes, date of purchase? 03/17/2012	
Address: Phone number: Relationship to claimant: Did the owner purchase the vehicle new? x Yes No If yes, date of purchase? O3/17/2012 If purchased used, provide the name, address of the seller and data of purchase: Name:	
Address: Phone number: Relationship to claimant: Did the owner purchase the vehicle new? x Yes No If yes, date of purchase? If purchased used, provide the name, address of the seller and data of purchase:	

R006 Re	straint Systems / SIR	R / Seat Belts Preliminary	Inspection v2.1
Customer's last name:		Inspection date:	03/20/2013
ehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
case #:	71-1163533109	VIN:	1G1PF5SC7C7
es, provide the following:			
Date		Description	
or collision repair?	Yes x No		
es, provide the following:	A Part of the same		
Date		Description	
			-
	Z - 2-3/2/2/2/2/3/2	A state of the same	
	ice, repair, or replacement?	Yes x No	
es, provide the following: Date	1 10 15 1	Description	
Date		Description	
Color State of the	YOUNG OF BUT IN		
es, describe component, with talled it, and capture photosoner vehicle history informations, describe & make copies	on from interview, GM Warrar	w vent shades. See photos #7, 9, a nty, or Dealership history files?	nd 19 of the photo log.
Section 4	VEHICLE	/ SYSTEM INSPECTION	
		Note	
	Do Not "Clear Code:	s" from any on board module(s)	
e the scan tool to capture a	Il diagnostic trouble codes (cu	rrent or history) and photograph th	ne screens (if a scan tool was used).
o the boah tool to captare a	ii alagilootio tioabio coaco (co	arrent of motory), and photograph an	
DTC Symptom Descri			Current History
		age yard. No diagnostic equipment o	other than
CDR w	as available.		
RBAG LIGHT FUNCTIO	NAL TEST DESILITS.		
RBAG LIGHT FUNCTIO	NAL TEST RESULTS.		
bag warning light came "ON	" with the ignition key, blinked	d several times and went "OUT"?	Yes
		d several times and stayed "ON"?	Yes
scribe any other results:	Airbag warning light came on	with key, blinked once, and stayed	on.
un au tuation et escriptoria	half light One Turk	al Elnai	
rn on ignition, observe seat			
ckle driver's seat belt. Seat	t belt light on?	s X No	
on sitting in the passanger	seat does the nacconder cor	at helt warning light /if	
	seat, does the passenger sea belt is not buckled and go "C		Yes No
aippea), manimate when the	bolt is not buckled and go C	ZI WHEILK IS DUCKIEU!	

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? If " No ", describe:	x Yes	No No
How was download obtained?	x ALDL/DLC	Directly from module using adapter harness w/ Bosch CDR
•		the module removed from the vehicle? Yes No onditions under which the module was mounted when the download was
FRONT AREA: Describe <u>any damag</u> or penetrated the windshield, and the		ehicle. Observe and photograph whether the hood is opened, if it contacted
Hood: See photos #6, 7, 11, and 27 Front bumper fascia: See photos #0 Right Headlamp: See photos #6 and	of the photo log. 6, 23 – 25 of the photo 1 23 – 25 of the photo	o log.
Windshield: See photo #10 of the pl Right exterior "A" pillar: See photo # Upper radiator support: See photo #	#21 of the photo log. 11 of the photo log.	
Air filter assembly: See photos #11 Under hood damage to A/C system:	•	-

LEFT SIDE EXTERIOR: Describe <u>any damage</u> 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 <u>any damage</u> 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 <u>any damage</u> 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 <u>any damage</u> 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 <u>any damage</u> 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?

	Yes
	Yes
	Yes
X	Yes
	Yes

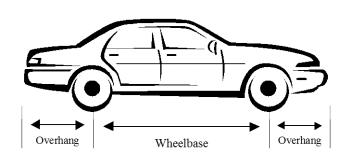
X	No
X	No
X	No
	No
X	No

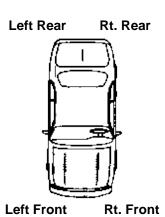
Identify and photograph the following (note the "non-struck" items):

- 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:

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
Driver side front overhang
Driver side rear overhang
Driver side rear overhang
Driver side rear overhang

Maximum depth of crush (Inches):

Front
Rear
Roof

Driver's side
Passenger's side

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 X 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?		Yes
Door hinges on struck side separated?		Yes
Damage to striker/latch system?		Yes
Any rubber or paint transferred to the subject vehicle?	Х	Yes
Damage from extrication tools (e.g. jaws of life)?		Yes
Separation of sheet metal along weld seams (doors, rocker panels, etc)?		Yes
Side door beam damaged? (Photos if possible)		Yes
Side beam welds separated (Photos if possible)?		Yes
Interior door trim damaged?		Yes
Interior roof trim damaged near door opening?		Yes

X	No
X	No
X	No
	No
X	No
X	No
Х	No
Х	No
Х	No
X	No

Customer's last name:				tion date:	/ Inspection v2.1
Vehicle brand:	Chevrolet		Year/N		2012 / Cruze
Case #:	71-116353310	19	VIN:	iodei.	1G1PF5SC7C7
Additional comments:			,		
Photograph the following: Hinges on non-struck side Latch/striker on non-struck sid Underbody, front & rear suspo Striking vehicle (If available)		Door trim of Headliner		,	x
INTERIOR INSPECTION (Ph	otograph the side	view of the s	teering whee	el and column, th	e interior, and deployed airbags)
Interior reduced in size?		Yes	x No	Where:	
Intrusion by an external obje	ect?	Yes	x No	Describe:	
Loose objects inside?		Yes	x No	Describe:	
Cowl deformed?		Yes	x No	Describe:	
Floorpan / Toepan deformed		Yes	x No	Describe:	
Headliner / visors damaged		Yes	x No	Describe:	
Inside rear-view mirror dama	aged	Yes	x No	Describe:	
Door trim damaged?		Yes	x No	Describe:	
Steering column displaced?		Yes	x No	Describe:	
Steering column capsule bra		Yes	x No	Describe:	
Control knobs/ levers damage		Yes	x No	Describe:	
Accelerator/brake pedals de		Yes	x No	Describe:	
Instrument panel damaged? Lower IP/Kneed bolster dam		Yes Yes	x No	Describe:	
Driver front airbag deployed Passenger front airbag deployed Driver side airbag deployed Passenger side airbag deployed Passenger side airbag deploy Driver roof rail airbag deploy Passenger roof rail airbag deploy Other? (pretensioners, etc.)	? oyed? ? oyed? ved?	yes Y	x No x No x No x No x No x No x No x No	Describe: Describe: Describe: Describe: Describe: Describe: Other:	
Windshield (W/S) damaged? If Yes? W/S separated from vehicle? Steering wheel damaged? If Yes:	x Yes x Cracked Yes X	No No No Hub	Broken (Top		Damaged by occupant contact ate % of perimeter separation
If yes, describe?					_
f applicable, indicate the "clo	ck" position of dama	ge to the stee	ering wheel:	o'clock	
NOTE: The top of the stee	ring wheel assemb	ly is 12 o'clo	ck, regardle	ss if the wheel its	self is turned.)
Filt steering wheel? If yes, position?		No Med	High		
Telescoping steering wheel? If yes, position?	Yes Forward	x No Middle	Rearv	vard	
IF THERE WERE ANY TRAN Were transfer marks present If yes, describe?			HE STEERIN	G WHEEL, PHOT	OGRAPH THEM

R006	Restraint			33
		Inspection date:	03/20/2013	-
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze	
Case #:	71-1163533109	VIN:	1G1PF5SC7C7	

If the SDM is located un						
If any exist, remove the		t a more extensive	examination of the	area. Describe	findings and photo	graph.
Any signs of water intru	sion? Ye	s x No			1000	
If yes, describe:						4.
SEAT INSPECTION (P	notograph damag	ed areas)				
Type of front seat?	X Bucket	Bench	50/50 Split Be	nch 60	/40 Split Bench	
DRIVER'S SEAT INFO	RMATION					
Seat damage?		Yes	No			
If Yes, location?		Seat bottom	X Backrest	Headres	FI	
Seatback struck by rear	occupant?	Yes	x No	Tiedules	<u> </u>	
If yes, describe:	occupant:	163	A NO			
DIGUIT EDGUIT DAGGE	NOED OF AT INC	COMMETICAL				
RIGHT FRONT PASSE	NGER SEAT INF	Yes	x No			
Seat damage? If Yes, location?		Seat bottom	Backrest	Headres	ei n	
Seatback struck by rear	occupant?	Yes	x No	neaules	<u> </u>	
If yes, describe:	occupant:	103	X NO			
ii yoo, accombo.						
Additional info regarding	seat					
damage (Front or rear):						
WINDOW INSPECTION	i					
WINDOW INSI ECTION						
Note all window condition	ons: Only th	ne windshield is da	maged.			
RESTRAINT SYST	EM INSPECT	ION				
KLOTKAII OTOT	LIII IIIOI LOT	ion				
	Note: Do n	ot "Clear Codes	" from the on-be	oard compute	r(s)	
If any impact and the cont		and / damles and	[[Vee] [of Na I		
If equipped, are the pre-	ensioners activat	ed / deployed?	Yes	x No		
"Alleged", SIR Unit(s):						
ATTENDED TO A STATE OF THE STAT						
x Driver front	x Passer	nger front	Driver side	(door/seat)	Passenger si	de (door/seat)
Driver knee bag	Passen	ger knee bag	Roof rail air	rbag(s)	Other:	
I Data - Data - I	1					
Driver Pretensioner	Passen	ger Pretensioner				
Inspector's Note #2: T	he customer clai	ms the driver's and	passenger's front	al airbags should	have deployed.	
200			•	o. 50.1 4 9 1 5 1 5 1 1	Article of the Article	
Actual Deployed SIF	R(s):					
Driver front	Daccon	ger front	Driver side	(door/seat)	Dassenger si	de (door /seat)
Dilver ilont	Fassell	ger mont	Dilver side	(doorseat)	Fassenger si	de (door /seat)
Driver knee bag	Passen	ger knee bag	Roof rail air	rbag(s)	x Other: NONE	
Driver Pretensioner	Dassen	ner Pretensioner				

ROOF Re	estraint Systems /	SIR / Seat Belt	s Proliminary	11 of 13
Customer's last name:			tion date:	03/20/2013
Vehicle brand:	Chevrolet	Year/N		2012 / Cruze
Case #:	71-1163533109	VIN:		1G1PF5SC7C7
INSPECT SIR WIRING and SIR wiring damaged? SIR sensors damaged / discor	Yes	No D	escribe: escribe:	
If any airbag(s) deployed	was it the:			
Driver front airbag Bag material cut / torn? Transfer marks present (make	eup, clothing, etc.)	Yes No No	Describe: Describe:	
Bag material cut / torn? Transfer marks present (make	eup, clothing, etc.)	Yes No	Describe:	
Driver side airbag Bag material cut / torn? Transfer marks present (make	eup, clothing, etc.)	Yes No No	Describe:	
Passenger side airbag Bag material cut / torn? Transfer marks present (make	eup, clothing, etc.)	Yes No	Describe:	
Roof rail airbag Bag material cut / torn? Transfer marks present (make	eup, clothing, etc.)	Yes No No	Describe: Describe:	
damage due to moisture/corro	evidence that the passer sion. Visually inspect the sion. If the SDM is mount	carpet and floor panted under a seat, visu	for moisture and the last for moisture and the last for any	ure intrusion or the SDM has incurred any he SDM electrical connector male and y foreign objects that could affect the
document to determine wheth	er vehicle is supported, a	nd/or observe the ico	ons on the function	he CDR data. (See ROS Coverage bar on the CDR screen.) SUV-type A and possibly B pillars of the vehicle.
 IF POSSIBLE, AVOI 	t require the ignition key to NLOADS FOR ALL INAD D CYCLING THE IGNITI DR SCREEN ARE REQU	VERTENT DEPLOYI ON KEY ON/OFF PR	MENT ALLEGATIC RIOR TO OBTAINII	NS NG THE DOWNLOAD
NOTE: Save the raw CDR at Was the CDR download ava		ave them as PDF ty	pe files. Submit a	II .CDRx and PDF files with report.
How was download obtained	d? x ALDL/DLC	Directly fro	m module using ac	dapter harness w/ Bosch CDR
If the download was obtained If removed from the vehicle, d obtained:				cle? Yes No

R006	Restraint			
	- H	Inspection date:	03/20/2013	
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze	
Case #:	71-1163533109	VIN:	1G1PF5SC7C7	

ESTRAINT SYSTEM INSPECTION (SEAT BELTS) F A COLLISION OCCURRED, THE SEAT BELTS SHOULD BE INSPECTED THE TIME OF COLLISION. Occation of inspected seatbelts: Driver	Third	Row	T(S) PC	OSITIONS OF ALL OC	CUF
T THE TIME OF COLLISION. coation of inspected seatbelts: Driver Driver's side rear Center front Passenger Right rear hotograph: The overall belt assembly (both outboard positions, even if onlicident). All visible components of the seat belt system and anchor points	Third	Row	T(S) PC	OSITIONS OF ALL OC	CUF
ocation of inspected seatbelts: Driver					
Driver Center front Passenger Driver's side rear Center rear Right rear hotograph: The overall belt assembly (both outboard positions, even if onlocident). All visible components of the seat belt system and anchor points					
Driver Center front Passenger Driver's side rear Center rear Right rear hotograph: The overall belt assembly (both outboard positions, even if onlocident). All visible components of the seat belt system and anchor points					
Driver's side rear Center rear Right rear hotograph: The overall belt assembly (both outboard positions, even if onlicident). All visible components of the seat belt system and anchor points					
hotograph: The overall belt assembly (both outboard positions, even if onlocident). All visible components of the seat belt system and anchor points					
cident). All visible components of the seat belt system and anchor points	ly the driv				
equipped, are the pretensioners activated / deployed?		er was pr	esent i	n the vehicle at the tim	ne of
	x No				
OTE: Answer the following questions for the driver's seat belt. If other sea report inspection results. Identify and photograph the following items:	t belt pos	itions are	inspec	ted, use the seat belt	adde
the driver's seatbelt fully retracted? X Yes No					
THE ANSWER IS NO DO NOT DISTURB BELTS AT THIS TIME					
THE ANSWER IS NO, DO NOT DISTURB BELTS AT THIS TIME.		Inches			
ecure webbing, measure length, and show measurement in a photo:		Inches			
abnormalities are seen during the following, ensure you capture measurem	ents and	photos of	f the da	image.	
oes the webbing spool in and out freely (minimal effort)?	X	Yes		No	
	1	Lap		Shoulder	
larks, cuts or debris present on shoulder and lap belt webbing?		Yes	x		
/ebbing energy management loops (if equipped) - stitches pulled free,	1	Vac	X		
nfolded, replacement/warning label exposed?		Yes		No	
ack stitch separated from plastic sleeve?		Yes	X	No	
/ebbing cut?	- 2	Yes	X	No	
oes guide loop assembly exhibit striations, bent, or deformed?		Yes	X	No	
oes guide loop adjuster move up and down (if equipped)?	X	Yes		No	
oes the seat belt buckle latch and unlatch?	X	Yes	5	No	
oes the seat belt return to the stowed position when unbuckled?	X	Yes		No	
uckle condition (worn or foreign material present)?		Yes	X	No	
ny components missing?		Yes	X	No	
oes the seat belt return to the stowed position when unbuckled?	X	Yes		No	
ny post-collision damage present (e.g. rescue workers)?		Yes	X	No	
the seat belt webbing cut? (If yes, photograph and record length of pieces)		Inches			
OTE: If there were occupants in other seating positions, inspect those elt addendum. Include it with your report.	e seating	position	s and	report the results on	the
possible, perform a dynamic "panic stop" type test with the vehicle.					
o the retractors on the belts being inspected appear to lock and hold proper No, describe:	rly?	Yes		No	
vehicle is not drivable, jerk each belt inspected rapidly. (Note: Some inertia stractors will not lock on this test.) Did the retractors lock? No, which belts do	activated	x	Yes	No	
ot lock/hold?					
dditional comments? The vehicle is not drivable, has no interior compart			1.5		

R006	Restraint Systems / SIR	/ Seat Belts Prelimina	ry 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	SITI	E INSPECTION	
NOTE: In most instances	a site Inspection is not required o	n vehicles with no damage prese	ent (e.g. claimant says they hit a pot hole
Was a site inspection perf Comments?	formed? Yes x 1	No	
Posted speed where the in	ncident occurred?	(mph)	
SITE INSPECTION: PER	FORM THE FOLLOWING IF ADD	DITIONAL INFORMATION MAY	BE FOUND:
	an identify the incident scene and he scene, measure location of the		pavement, debris, or any
 Identify evidence locations, distant 	of whether the vehicle left the roaces, etc	d prior to, during, or after the inc	ident. Document all
Identify evidence incident.	& photograph any object struck b	y the vehicle on or off the road p	rior to, during, or after
	& shoulder surfaces in the area of , severe braking, etc.	the incident site for telltale signs	s of loss of control,
Photograph the scene a	nd any property involved. Only	factual comments should be e	entered in this section:
Section 6	СОММ	ENT OVERFLOW	
Please use this area for are continued from prior		nspection form. Please note t	he section and area that the comments
Section 7	OTHER RE	PORT INFORMATION	
According to Ni term also includes smouldering, but	les, but is not limited to, therma	or burning of material in or fro I events and fire-related pheno phenomena associated with a	om a vehicle as evidenced by flame. Th omena such as smoke, sparks or normally functioning vehicle, such as

x Other Records

x Photographs

Attachments: (Check all that apply)

x Data Downloads

Jose Garcia/Austin/GM1

To bonnie.wojtasik@gm.com

03/29/2013 09:53 AM

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.



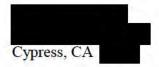
This is only a notification. No action is required on your part at this time.

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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September 18, 2013



Service request: 71-1169941014

Vehicle Identification Number: 1G1PC5SH4C7

Customer Relationship Specialist: Deongella

Dear Mr.

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: 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
User	Ron Murphy
Case Number	71-1169941014
EDR Data Imaging Date	04/16/2013
Crash Date	04/01/2013
Filename	1G1PC5SH4C 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 wi thout 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 Eve nts. 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 Ve locity 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, Vert ical 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 Deploym ent 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 e vent 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 fac tors, 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 Invali d" 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 Av ailable" if:
 - -No data is received from the module sending the pre -crash data
- -Belt Switch Circuit Status indicates the status of the seat belt s witch circuit.
- -The ignition cycle counter will increment when the power mode cycl es from OFF/Accessory to RUN. Applying and removing of battery power to the module will not increment the ignition cyc le 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 th at have occurred during the SDM's lifetime.
- -Event Counter tracks the number of qualified events (either Deploy ments, 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 B 0052 (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:

Data Element

All SDM recorded data is measured, calculated, and stored internal ly, 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 f or data elements that may be included in this CDR report.

ongitudinal Acceleration	Forward
ongitudinal 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

Positive Sign Notation





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	F
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	
ESS # 8 Traceability Data, Traceability Number	000000000
LOO # 0 Haceability Data, Haceability Nullibel	1 00000000





System Status at Event (Event Record 1)

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 No
Event Severity Status: Frontal Pretensioner	No 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 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 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 Passenger Classification Status	Occupied Small Adult
Passenger Classification Status 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	Oii
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	-18 [-29]
Velocity Change for FSR Event) MPH [km/h]	[_0]
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





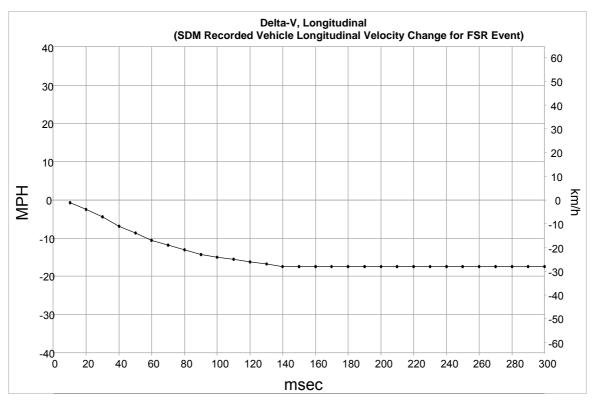
Event Data (Event Record 1)

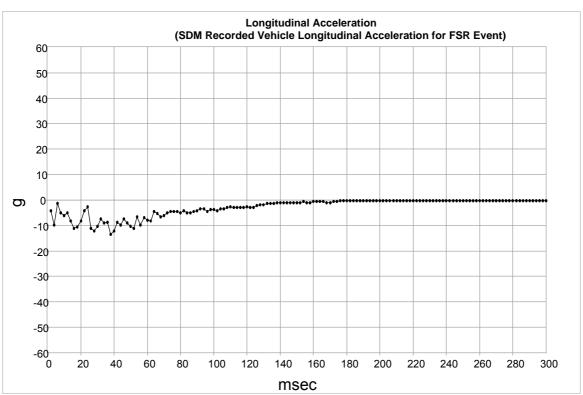
Event Data (Event Record 1)	
Driver 1st Stage Deployment Loop Commanded	No
Passenger 1st Stage Deployment Loop Commanded	No
Driver 2nd Stage Deployment Loop Commanded	No
Passenger 2nd Stage Deployment Loop Commanded	No
Driver Pretensioner Deployment Loop #1 Commanded	No
Passenger Pretensioner Deployment 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)	Data Not Available
(msec)	Bata Not / Wallable
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	Data Not Available
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 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





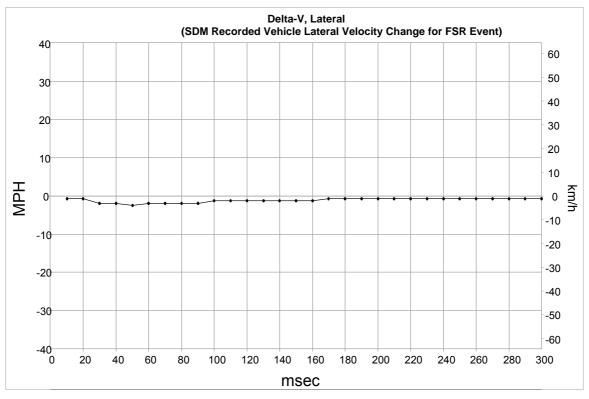
Longitudinal Crash Pulse (Event Record 1)

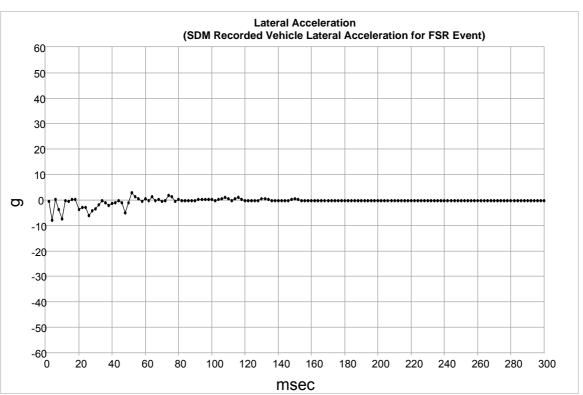
Time	Longitudinal Crash Pulse	Time	Longitudinal	Time	Longitudinal
(msec)	Acceleration	(msec)	Acceleration	(msec)	Acceleration
	(SDM Recorded Vehicle		(SDM Recorded Vehicle		(SDM Recorded Vehicle
	Longitudinal		Longitudinal		Longitudinal
	Acceleration for FSR		Acceleration for FSR		Acceleration for FSR
	Event) (g)	100	Event) (g)	202	Event) (g)
4	-4.2	102 104	-4.2	202	-0.2
6	-9.8 -1.4	104	-3.4 -3.4	204 206	-0.2 -0.2
8	-5.0	108		208	-0.2
10	-6.2	110	-3.0 -2.6	210	-0.2
12	-6.2 -5.0	112	-3.0	210	-0.2
14	-8.2	114	-3.0	212	-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	120	-3.0	222	-0.2
24	-2.6	124	-3.0	224	-0.2
26	-11.0	124	-2.2	224	-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)

Latera	i Crash Pulse (Evei	it Kecc	ora i)		
Time (msec)	Lateral Acceleration (SDM Recorded Vehicle	Time (msec)	Lateral Acceleration (SDM Recorded Vehicle	Time (msec)	Lateral Acceleration (SDM Recorded Vehicle
(111300)	Lateral Acceleration for	(111300)	Lateral Acceleration for	(111300)	Lateral Acceleration for
	FSR Event) (g)		FSR Event) (g)		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	152 154	-0.2	252	-0.2
54 56	1.4	154	-0.2	254 256	-0.2 -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
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 SO7
41 4A 32 35 37 37 45 30 31 36 32 36 38 39 39 45
DID SO9
44 41 34 39 33 36 45 30 31 36 32 36 33 31 41 34
DID $0B
44 42 34 39 33 36 45 30 31 36 32 43 42 35 33 45
DID SOD
30 30 30 30 30 30 45 30 30 30 30 30 30 30 30
DID SOF
30 30 30 30 30 30 45 30 30 30 30 30 30 30 30 30
DID $30
00 00 01 00
DTD $90
31 47 31 50 43 35 53 48 34 43 37 33 35 35 36 31 38
DID $9A
04 01
DID $B4
41 53 35 36 31 35 45 30 35 30 32 32 33 37 37 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

0000 A5 38 00 00 01 01 07 04 F5 FF 0010 FF 00 00 00 00 00 00 00 00 00 5C FC FC F0 20 60 C0 40 00 00 0020 0030 00 00 00 00 00 00 00 00 55 54 0040 00 00 00 00 00 14 17 1C 1F 2.4 0050 30 3E 41 42 45 06 8D 06 8F 06 82 06 80 08 08 08 09 0B 0F 11 0060 0070 12 12 1B 27 31 3B 42 44 45 45 0080 46 46 46 00 FF FD 04 C4 FD 00 0090 00 00 00 00 00 00 00 00 00 0100 00 00 00 00 00 00 00 00 00 0110 00 00 00 00 00 00 62 57 7в 18 0120 FF FF FF FF FF FF FF 7E 7E 7B 7E 78 7C 74 7C 71 7B 6E 0130 7C 0140 6C 7C 6A 7C 68 7C 67 7D 66 7D 65 7D 64 7D 63 7D 63 7D 63 7D 0150 0160 63 7E 63 7E 63 7E 63 7E 63 7E 0170 63 7E 63 7E 63 7E 63 7E 63 7E 0180 63 7E 63 7E 63 7E 63 7E 75 7E 0190 67 6C 7C 80 73 76 70 6D 73 7F 0200 6B 7E 64 80 65 80 6B 76 75 78 0210 79 78 64 70 61 75 66 77 6D 7B 69 7F 6A 7D 5E 7A 61 7C 6A 7D 0220 0230 67 7F 6D 7D 69 73 66 7D 64 87 0240 6F 83 67 81 6E 7E 6C 81 6B 7F 0250 74 83 72 7F 6F 80 70 7E 73 7F 0260 74 84 74 83 74 7E 73 80 75 75 7F 73 7F 73 7F 74 7F 77 0270 80 77 80 74 80 76 80 76 80 0280 75 7 F 0290 77 80 77 81 78 82 79 81 78 7 F 0300 78 81 78 82 78 80 79 7F 78 78 7F 7A 7F 7B 7F 7B 81 7C 81 0310 0320 7C 80 7C 7F 7D 7F 7D 7F 7D 7F 0330 7D 7F 7D 7F 7D 80 7D 81 7D 0340 7E 7F 7D 7F 7D 7F 7E 7F 7E 7F 0350 7E 7F 7E 7F 7D 7F 7D 7F 7 E 7 F 0360 7E 7F 7F 7F 7F 7F 7F 7F 7F 0370 7F 0380 7 F 0390 7F 0400 7F 7F 7F 7F 7F 7F 7F 7F 7F 0410 7F 0420 7 F 7F 7F 7 F 7 F 7F 7 F 0430 7F 0440 7F 7F 7F 7F 7F 7F 7F 7F 7F 0450 7F 7F 7F 7F 7F 7F 7F 7F 7 F 0460 7F 7F 7F 7 F 7 F 7 F 7 F 7 F 7 F 7 F 0470 7F 7F 7F 7F 7F 7F 7F 7F 7 F 0480 7F 7F 7F 7F 7F 7F 7F 7F FFFF 0490 FF FF FF FF FF FF FF FF 0500 FF FF FF FF FF FF FF FF 0510 FF FF FF FF FF FF FF FF 0520 FF FF FF FF FF FF FF FF 0530 FF FF FF FF FF FF FF FF





0540	FF									
0550	FF									
0560	FF									
0570	FF									
0580	FF									
0590	FF									
0600	FF									
0610	FF									
0620	FF									
0630	FF									
0640	FF	FF	FF FF	FF FF	FF	FF	FF FF	FF FF	FF	FF
0650 0660	FF FF	FF FF	FF	FF	FF FF	FF FF	FF	FF	FF FF	FF FF
0670	FF									
0680	FF									
0690	FF									
0700	FF									
0710	FF									
0710	FF									
0730	FF									
0740	FF									
0750	FF									
0760	FF									
0770	FF									
0780	FF	00	00							
0790	00	00	00	00	00	00	00	00	0.0	00
0800	00	00	00	00	00	00	00	00	00	00
0810	00	00	00	00	00	0.0	00	00	00	00
0820	00	00	00	00	00	00	00	00	00	00
0830	00	00	00	00	00	00	00	00	00	00
0840	00	00	00	00	00	00	00	00	00	00
0850	00	00	00	00	00	00	00	00	00	00
0860	00	00	00	00	00	00	00	00	FF	FF
0870	FF									
0880	FF									
0890	FF									
0900	FF									
0910	FF									
0920	FF									
0930	FF									
0940	FF									
0950	FF									
0960	FF									
0970	FF									
0980	FF									
0990	FF									
1000	FF									
1010	FF									
1020	FF									
1030	FF									
1040	FF									
1050	FF FF	FF	FF	FF	FF	FF	FF	FF FF	FF FF	FF
1060 1070	FF	FF FF	FF FF	FF FF	FF FF	FF FF	FF FF	FF	FF	FF FF
1070	FF									
1090	FF									
1100	FF									
1110	FF									
1120	FF									
1130	FF									
1140	FF									
1150	FF									
1160	FF									
1170	FF									
1180	FF									





1190 1200	FF FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
DID \$3	2									
0000	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0030	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0040	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0050 0060 0070	FF FF FF	FF FF	FF FF	FF FF	FF FF	FF FF	FF FF	FF FF	FF FF	FF FF FF
0080	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0090	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0100	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0110	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0120	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0130 0140 0150	FF FF FF	FF FF FF	FF FF FF	FF FF FF	FF FF FF	FF FF FF	FF FF	FF FF FF	FF FF FF	FF FF FF
0160	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0170	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0180	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0190	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
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0210	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0220	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0230	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0240 0250 0260	FF FF FF	FF FF FF	FF FF FF	FF FF FF	FF FF FF	FF FF FF	FF FF	FF FF FF	FF FF FF	FF FF FF
0270	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0280	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0290	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0300	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0310	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0320	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0330	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0340	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0350 0360 0370	FF FF FF	FF FF FF	FF FF FF	FF FF FF	FF FF FF	FF FF FF	FF FF	FF FF FF	FF FF FF	FF FF FF
0380 0390 0400	FF FF FF	FF FF FF	FF FF FF	44 44 44	FF FF FF	FF FF FF	FF FF	FF FF	FF FF	FF FF FF
0410 0420	FF FF FF	FF FF	FF FF	FF FF	FF FF FF	FF FF	FF FF	FF FF	FF FF	FF FF FF
0430 0440 0450	FF FF	FF FF	FF FF	FF FF	FF FF	FF FF	FF FF	FF FF	FF FF	FF FF
0460	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0470	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0480	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0490 0500 0510	FF FF FF	FF FF FF	FF FF	FF FF	FF FF	FF FF	FF FF	FF FF	FF FF	FF FF FF
0520	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0530	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0540	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0550	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0560	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0570	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0580	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0590	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF





0600	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0610	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0620	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0630	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0640	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0650	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0660	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0670	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0680	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0690	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0700	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0710	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0720	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0730	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0740	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0750	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0760	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0770	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0780	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0790	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0800	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0810	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0820	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0830	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
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1150	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
1160	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
1170	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
1180	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
1190	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
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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:

Customer City : Cyprus Customer State : CA

Customer Zip Code:

Vehicle Information:

VIN: 1G1PC5SH4C7

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): F	Ronald Murphy
Number of photos: 38	

Section 1. Description

Photo #	Description Only	<u>Damage</u> (Yes/No)
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

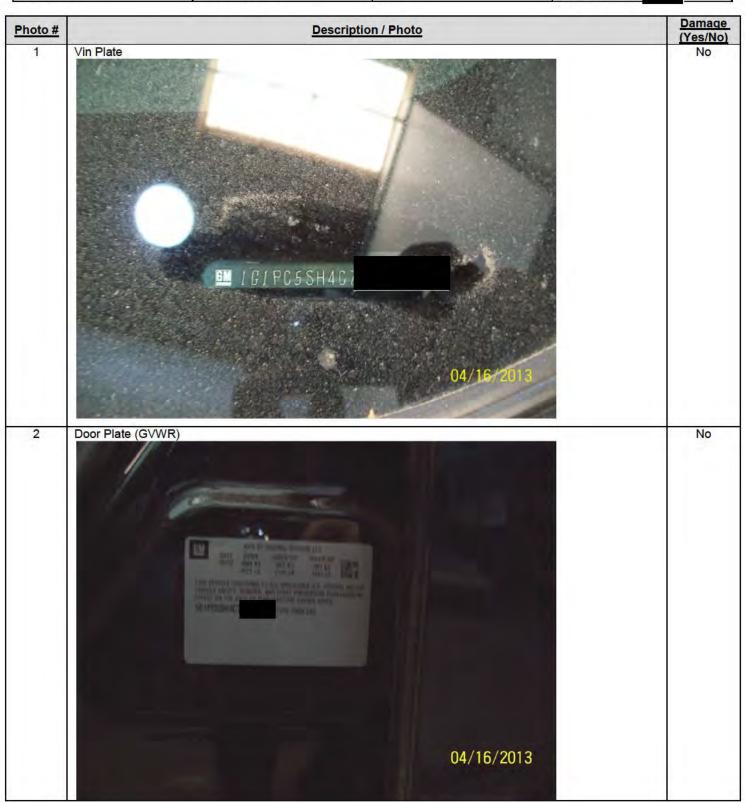


Photo Log & Photos for Preliminary Inspection v.2.1			
Customer's last name:		Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C7

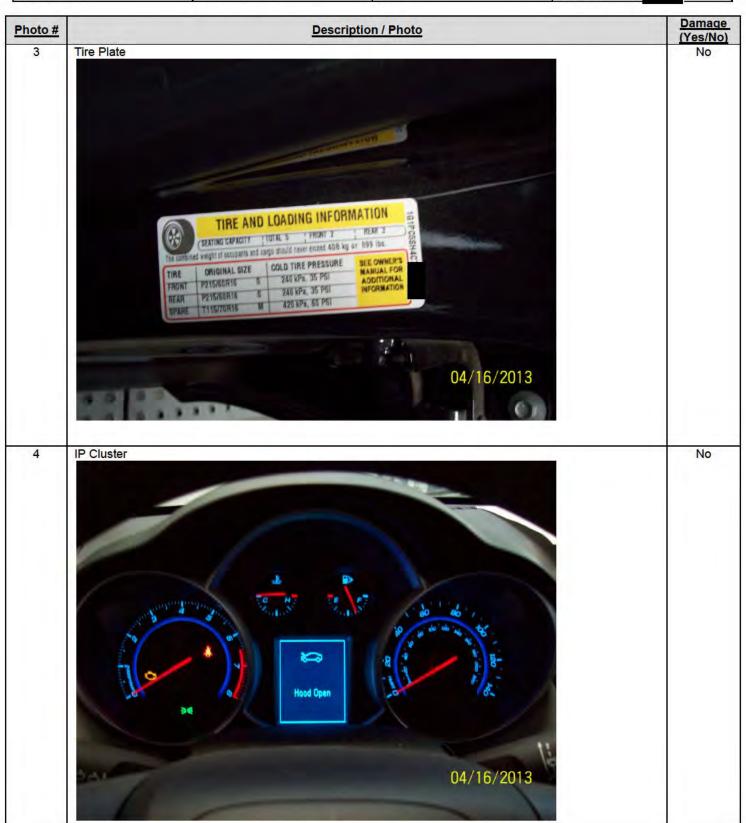


Photo Log & Photos for Preliminary Inspection v.2.1				
Customer's last name:		Inspection date:	04/16/2013	
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze	
File case #:	71-1169941014	VIN:	1G1PC5SH4C7	



Photo 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	

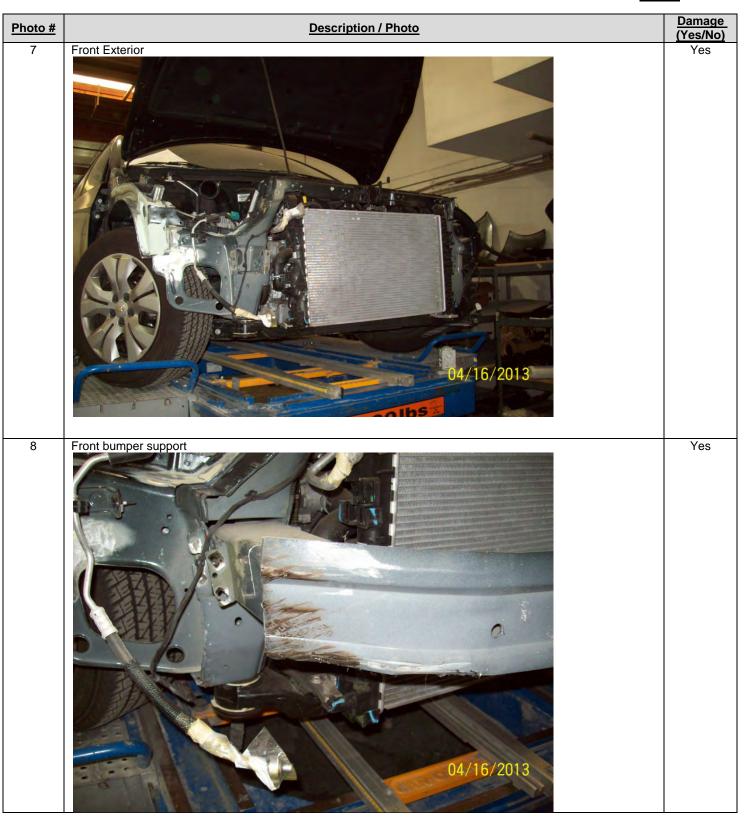


Photo Log & Photos for Preliminary Inspection v.2.1				
Customer's last name: Inspection date: 04/16/2013				
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze	
File case #:	71-1169941014	VIN:	1G1PC5SH4C7	



Photo Log & Photos for Preliminary Inspection v.2.1				
Customer's last name:				
	Chevrolet	Year/Model:	2012/Cruze	
File case #:	71-1169941014	VIN:	1G1PC5SH4C	

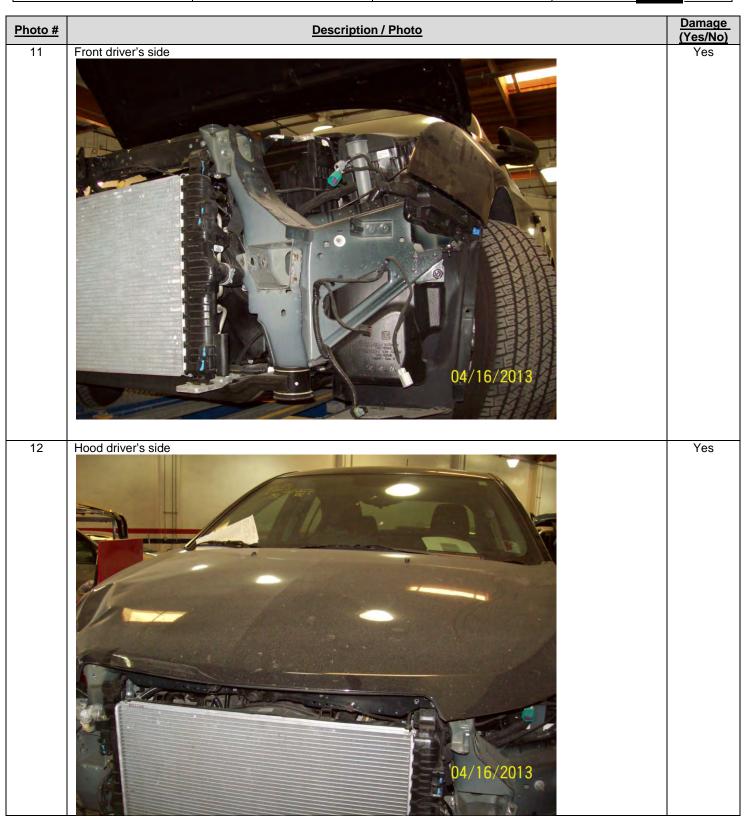
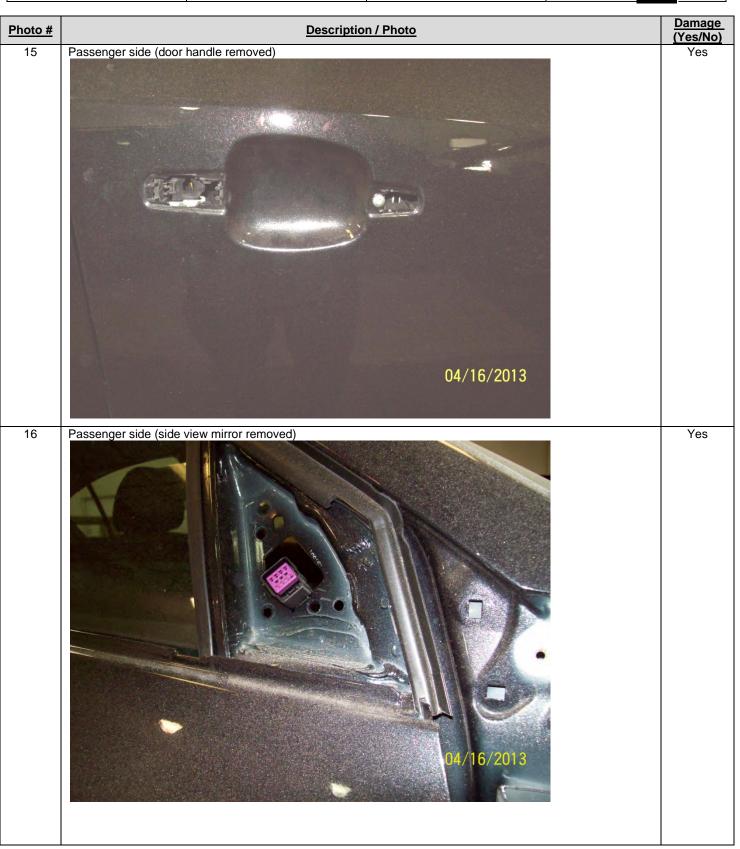


Photo Log & Photos for Preliminary Inspection v.2.1				
Customer's last name:		Inspection date:	04/16/2013	
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze	
File case #:	71-1169941014	VIN:	1G1PC5SH4C7	



Photo 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	



	Phot		X - 4 - 2
		Inspection date:	04/16/2013
√ehicle brand:	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C

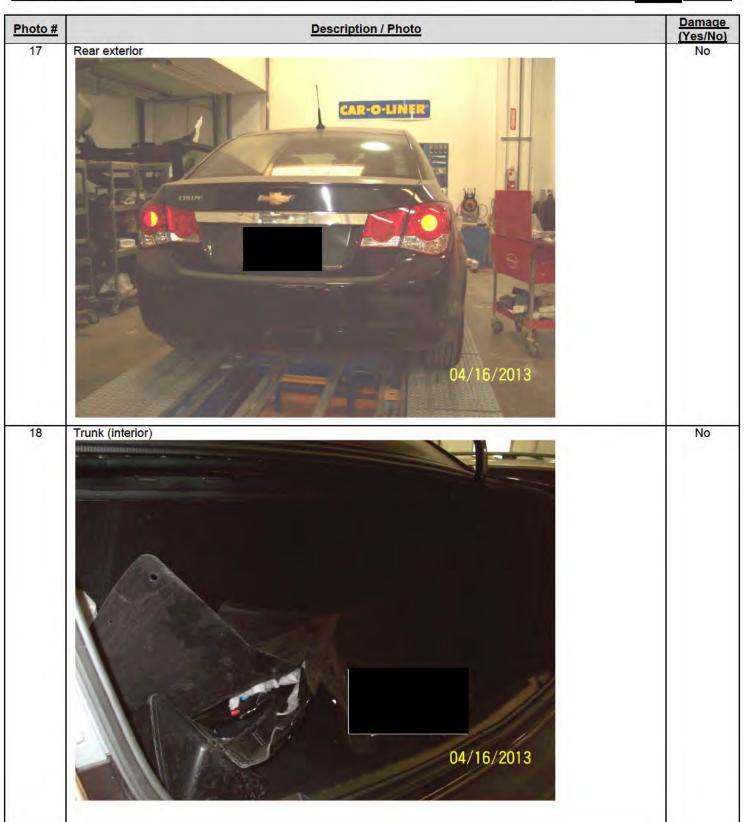


Photo Log & Photos for Preliminary Inspection v.2.1				
Customer's last name:		Inspection date:	04/16/2013	
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze	
File case #:	71-1169941014	VIN:	1G1PC5SH4C7	



Photo 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	

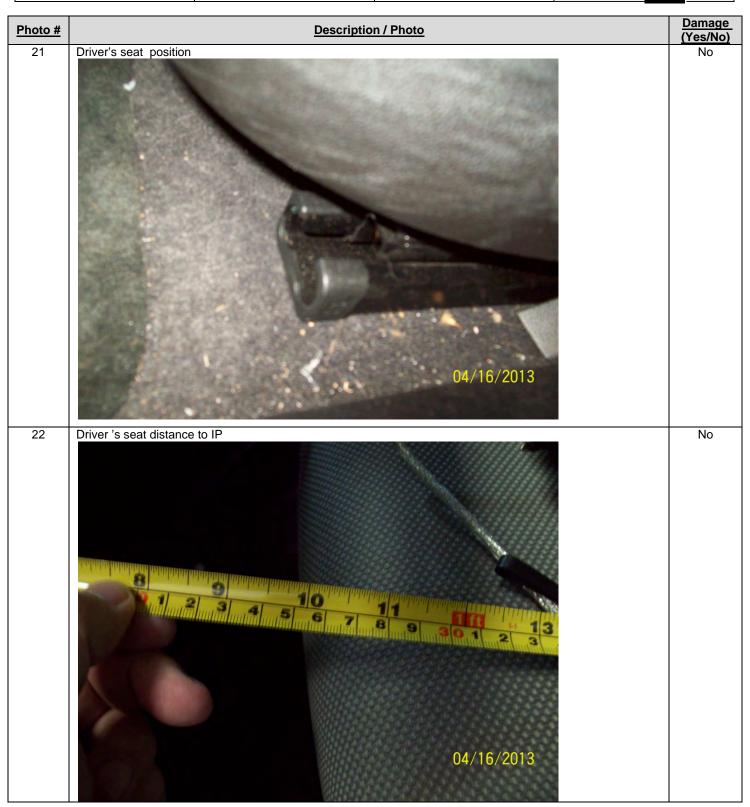


Photo Log & Photos for Preliminary Inspection v.2.1				
Customer's last name:		Inspection date:	04/16/2013	
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze	
File case #:	71-1169941014	VIN:	1G1PC5SH4C7	

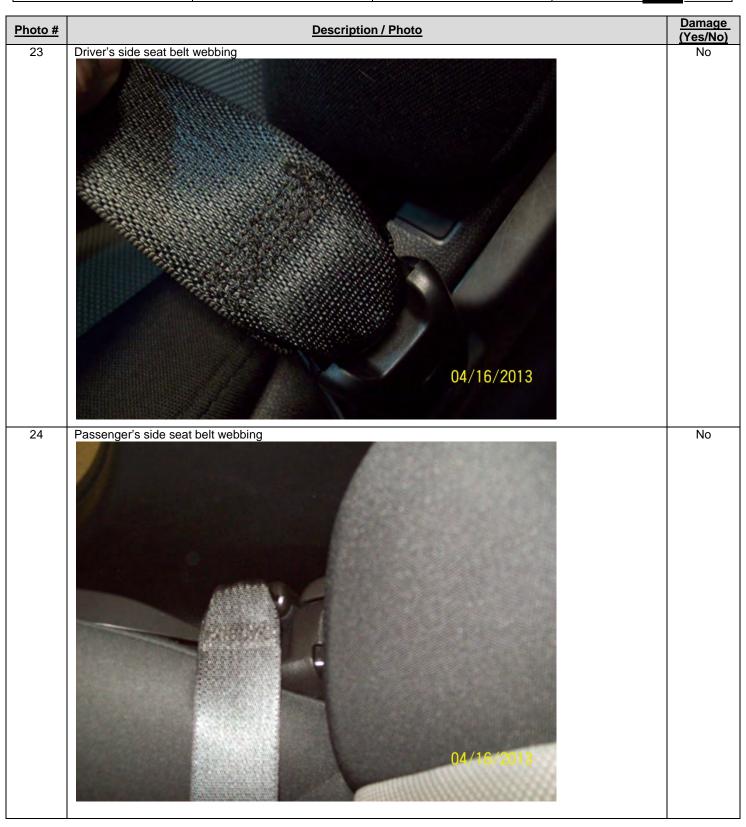


Photo Log & Photos for Preliminary Inspection v.2.1			
Customer's last name:		Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C7

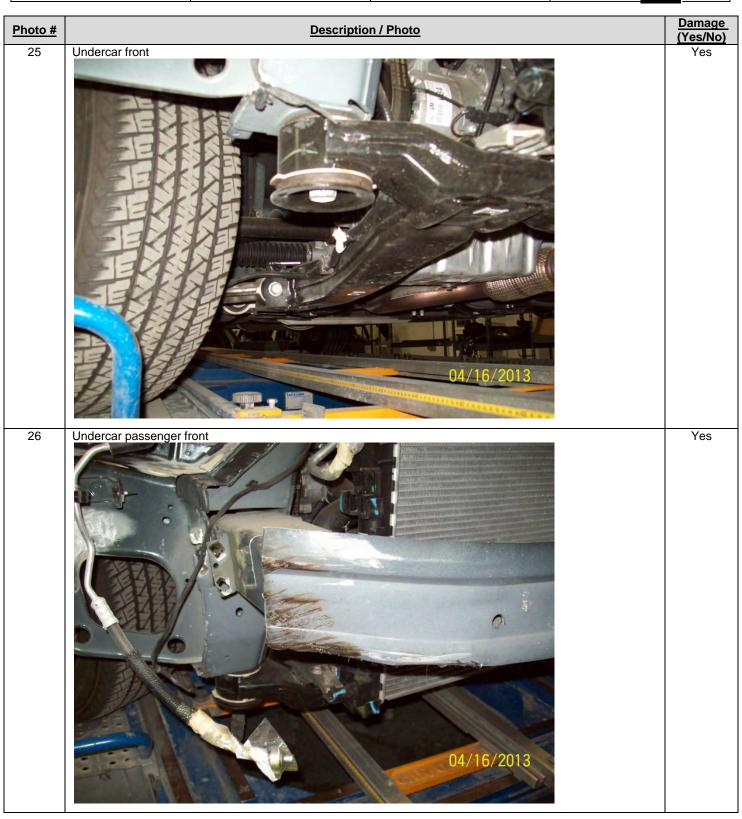


Photo Log & Photos for Preliminary Inspection v.2.1				
Customer's last name: Inspection date: 04/16/2013				
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze	
File case #:	71-1169941014	VIN:	1G1PC5SH4C	



Photo 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	

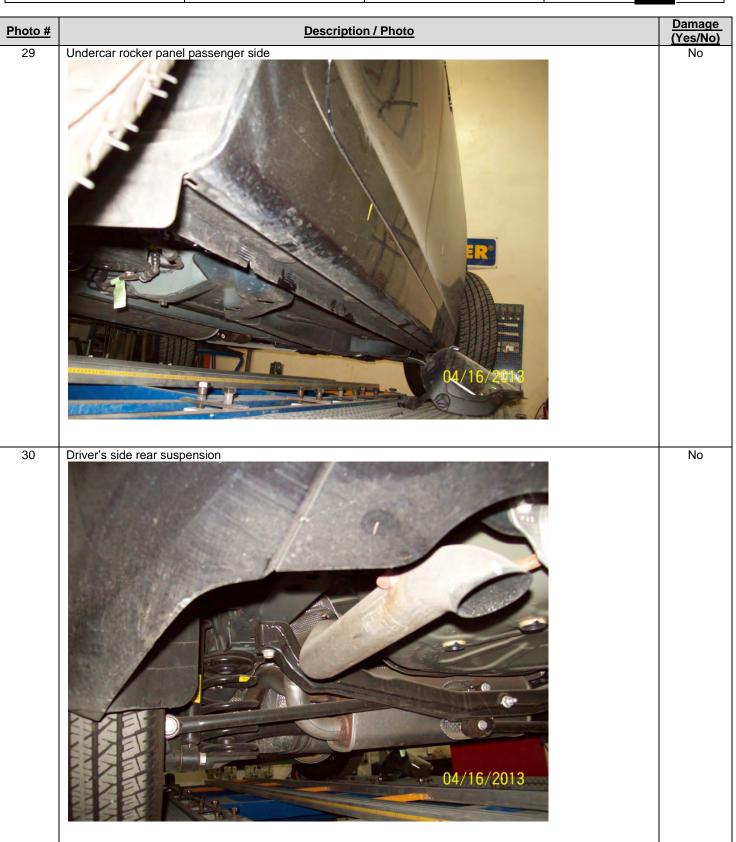


Photo Log & Photos for Preliminary Inspection v.2.1			
Customer's last name:			
	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C

File case	#: /1-1169941014 VIN: 1G1PC5SH4Q	
Photo #	Description / Photo	<u>Damage</u> (Yes/No) No
31	Passenger's side rear suspension	No
32	Under car rear 04/16/2013	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

Photo #	Description / Photo	<u>Damage</u>
33	Undercar front center Output Output	Damage (Yes/No) No
34	Door hinges driver's side (upper) 04/16/2013	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

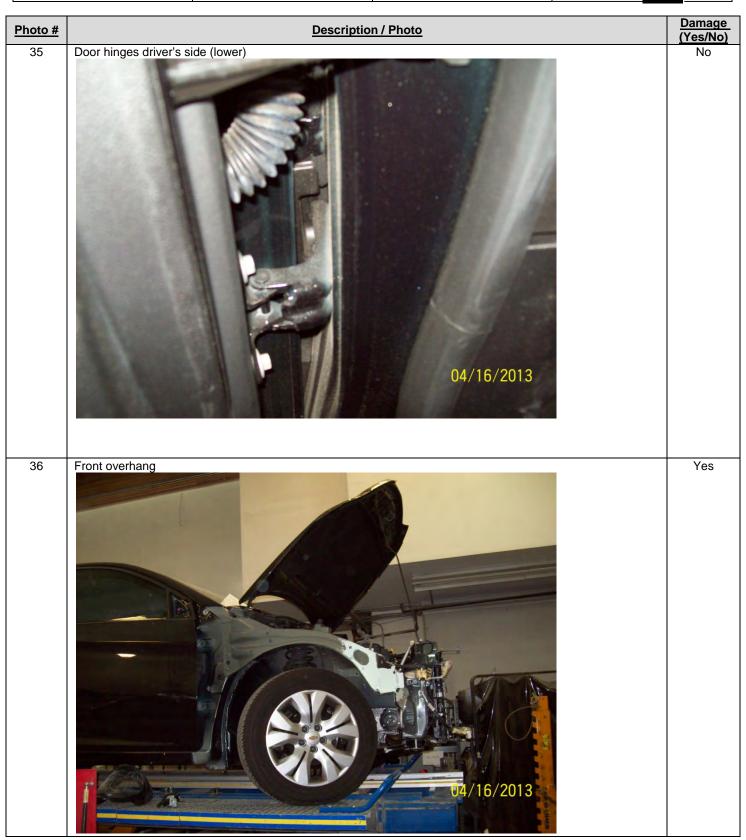
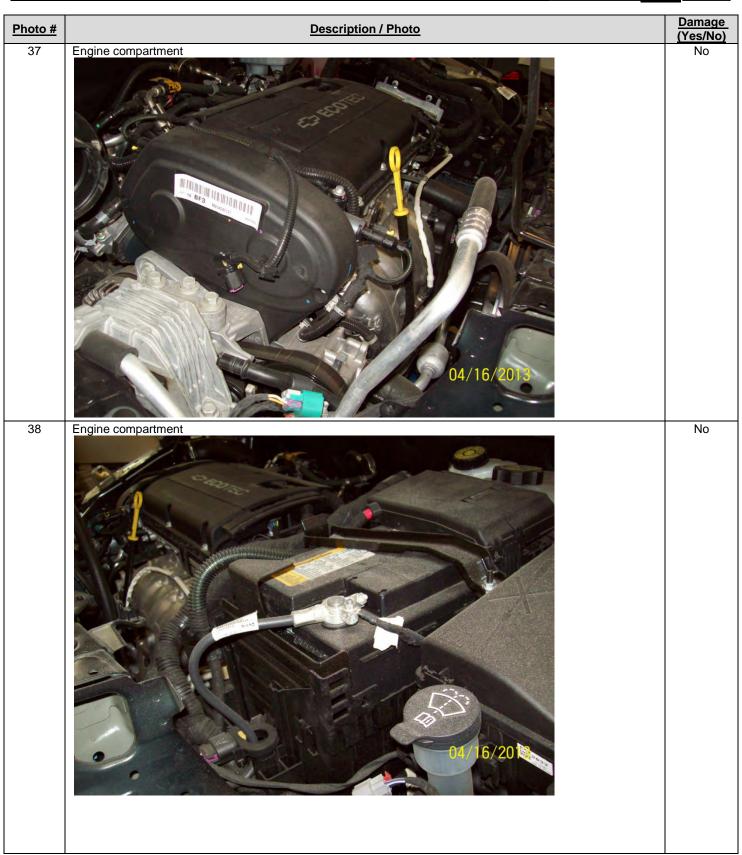


Photo Log & Photos for Preliminary Inspection v.2.1			
Customer's last name:		Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
File case #:	71-1169941014	VIN:	1G1PC5SH4C7



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: Cra	aftsman Auto Body
Inspected by:	Ronald Murphy	17710 Studebaker Roa	d, Cerritos, CA 90703
Inspector's phone number:	248.763.2600		
Nas a dealer technician used	? Yes x	No	Number of photos 38
f Yes, number of hours?			Number of DTCs 0
f possible, document the RO Maximum vehicle speed taker			Number of DTCs 0
Did CDR detect a rollover eve		No	
old ODIT detect a follover eve	100	110	
Section 1	INSPECT	ION SUMMARY	
Provide driver/claimant's	complete description of incide	ent. Do not paraphrase the cus	stomer's words. This is a very
important section of the re			
			2013 and again on April 20, 2013. I left
messages but received no re lack of information.	esponses. No customer interview	w was conducted and many sec	ctions of this report are left blank due to
lack of information.			
The vehicle inspection was of	conducted at the dealership.		
The vehicle inspection was o	conducted at the dealership.		
		DYMENT WITH NO COLLISION	I. COMPLETE THE INADVERTENT
NOTE: FOR ALLEGATIONS	OF AN INADVERTENT DEPLO	DYMENT WITH NO COLLISION	I, COMPLETE THE INADVERTENT
NOTE: FOR ALLEGATIONS	OF AN INADVERTENT DEPLO	DYMENT WITH NO COLLISION	I, COMPLETE THE INADVERTENT
NOTE: FOR ALLEGATIONS AIRBAG DEPLOYMENT INSP	OF AN INADVERTENT DEPLO		I, COMPLETE THE INADVERTENT
NOTE: FOR ALLEGATIONS AIRBAG DEPLOYMENT INSI	OF AN INADVERTENT DEPLOPECTION FORM.		I, COMPLETE THE INADVERTENT
NOTE: FOR ALLEGATIONS AIRBAG DEPLOYMENT INSE Non-deployment (the air x Front	OF AN INADVERTENT DEPLOPECTION FORM. bag did not deploy and the clair	nant states that it should have)	
NOTE: FOR ALLEGATIONS AIRBAG DEPLOYMENT INSE Non-deployment (the air x Front Side	OF AN INADVERTENT DEPLOPECTION FORM. bag did not deploy and the claim Other with a collision, (the claimant sta	nant states that it should have)	
NOTE: FOR ALLEGATIONS AIRBAG DEPLOYMENT INSE Non-deployment (the air x Front	OF AN INADVERTENT DEPLOPECTION FORM. bag did not deploy and the clair	nant states that it should have)	
NOTE: FOR ALLEGATIONS AIRBAG DEPLOYMENT INSE Non-deployment (the air x Front Side Inadvertent deployment Side	OF AN INADVERTENT DEPLOPECTION FORM. bag did not deploy and the claim Other with a collision, (the claimant state) Other	nant states that it should have) ates that the airbag deployed wh	nen it should not have)
NOTE: FOR ALLEGATIONS AIRBAG DEPLOYMENT INSE Non-deployment (the air x Front Side Inadvertent deployment y Front Side	OF AN INADVERTENT DEPLOPECTION FORM. bag did not deploy and the claim Other with a collision, (the claimant state) Other g. the claimant states that the air	nant states that it should have) ates that the airbag deployed wh	nen it should not have)
NOTE: FOR ALLEGATIONS AIRBAG DEPLOYMENT INSE Non-deployment (the air x Front Side Inadvertent deployment Side	OF AN INADVERTENT DEPLOPECTION FORM. bag did not deploy and the claim Other with a collision, (the claimant state) Other	nant states that it should have) ates that the airbag deployed wh	nen it should not have)
NOTE: FOR ALLEGATIONS AIRBAG DEPLOYMENT INSE Non-deployment (the air x Front Side Inadvertent deployment y Front Side Improper deployment (e. Front Side	OF AN INADVERTENT DEPLOPECTION FORM. bag did not deploy and the claim Other with a collision, (the claimant state) Other g. the claimant states that the ai	nant states that it should have) ates that the airbag deployed wh irbag deployed late or only parti	nen it should not have)
NOTE: FOR ALLEGATIONS AIRBAG DEPLOYMENT INSI Non-deployment (the air X Front Side Inadvertent deployment Side Improper deployment (e. Front Side	OF AN INADVERTENT DEPLOPECTION FORM. bag did not deploy and the claim Other with a collision, (the claimant state) Other g. the claimant states that the air	nant states that it should have) ates that the airbag deployed wh irbag deployed late or only parti	nen it should not have)
NOTE: FOR ALLEGATIONS AIRBAG DEPLOYMENT INSI Non-deployment (the air X Front Side Inadvertent deployment Side Improper deployment (e. Front Side	OF AN INADVERTENT DEPLOPECTION FORM. bag did not deploy and the claim Other with a collision, (the claimant state) Other g. the claimant states that the ai	nant states that it should have) ates that the airbag deployed wh irbag deployed late or only parti	nen it should not have)
NOTE: FOR ALLEGATIONS AIRBAG DEPLOYMENT INSE Non-deployment (the air x Front Side Inadvertent deployment y Front Side Improper deployment (e. Front Side Deployment-induced inju	OF AN INADVERTENT DEPLOPECTION FORM. The did not deploy and the claim of the claim	nant states that it should have) ates that the airbag deployed wh irbag deployed late or only parti	nen it should not have)
NOTE: FOR ALLEGATIONS AIRBAG DEPLOYMENT INSE Non-deployment (the air x Front Side Inadvertent deployment y Front Side Improper deployment (e. Front Side	OF AN INADVERTENT DEPLOPECTION FORM. The did not deploy and the claim of the claim	nant states that it should have) ates that the airbag deployed wh irbag deployed late or only parti	nen it should not have)
NOTE: FOR ALLEGATIONS AIRBAG DEPLOYMENT INSE Non-deployment (the air x Front Side Inadvertent deployment y Front Side Improper deployment (e. Front Side Deployment-induced inju Other Describe: None: seat belt - related	OF AN INADVERTENT DEPLOPECTION FORM. The did not deploy and the claim of the claim	nant states that it should have) ates that the airbag deployed wh irbag deployed late or only parti	nen it should not have)
NOTE: FOR ALLEGATIONS AIRBAG DEPLOYMENT INSE Non-deployment (the air x Front Side Inadvertent deployment y Front Side Improper deployment (e. Front Side Deployment-induced inju Other Describe: None: seat belt - related	OF AN INADVERTENT DEPLOPECTION FORM. The did not deploy and the claim of the claim	nant states that it should have) ates that the airbag deployed wh irbag deployed late or only parti	nen it should not have)
NOTE: FOR ALLEGATIONS AIRBAG DEPLOYMENT INSE Non-deployment (the air x Front Side Inadvertent deployment y Front Side Improper deployment (e. Front Side Deployment-induced inju Other Describe: None: seat belt - related	OF AN INADVERTENT DEPLOPECTION FORM. That did not deploy and the claim of the clai	nant states that it should have) ates that the airbag deployed white the deployed late or only particulates the deployment of the airba	ally) g caused an injury)
NOTE: FOR ALLEGATIONS AIRBAG DEPLOYMENT INSE Non-deployment (the air x Front Side Inadvertent deployment y Front Side Improper deployment (e. Front Side Deployment-induced inju Other Describe: None: seat belt - related Non-activation (the cla	OF AN INADVERTENT DEPLOPECTION FORM. That did not deploy and the claim of the clai	nant states that it should have) stes that the airbag deployed white the deployed late or only particulates the deployment of the airbatic did not restrain an occupant and	ally) g caused an injury)
NOTE: FOR ALLEGATIONS AIRBAG DEPLOYMENT INSE Non-deployment (the air x Front Side Inadvertent deployment y Front Side Improper deployment (e. Front Side Deployment-induced inju Other Describe: None: seat belt - related Non-activation (the clain Induced injury (the clain)	OF AN INADVERTENT DEPLOPECTION FORM. bag did not deploy and the claim other with a collision, (the claimant state) g. the claimant states that the aid other ry in a collision (the claimant state) allegation only allegation below: imant states that the seat belt did imant states the seat belt system	nant states that it should have) Intes that the airbag deployed which is the deployed late or only particular that the deployment of the airbatic id not restrain an occupant and in caused an injury)	ally) g caused an injury)
NOTE: FOR ALLEGATIONS AIRBAG DEPLOYMENT INSE Non-deployment (the air x Front Side Inadvertent deployment y Front Side Improper deployment (e. Front Side Deployment-induced inju Other Describe: None: seat belt - related Non-activation (the clainduced injury (the clainduced injury (the clainduced control of the clainduced contr	OF AN INADVERTENT DEPLOPECTION FORM. That did not deploy and the claim of the clai	nant states that it should have) Intes that the airbag deployed which is the deployed late or only particular that the deployment of the airbatic id not restrain an occupant and in caused an injury)	ally) g caused an injury)
NOTE: FOR ALLEGATIONS AIRBAG DEPLOYMENT INSE Non-deployment (the air x Front Side Inadvertent deployment y Front Side Improper deployment (e. Front Side Deployment-induced inju Other Describe: None: seat belt - related Non-activation (the clain induced injury (the clain)	OF AN INADVERTENT DEPLOPECTION FORM. That did not deploy and the claim of the clai	nant states that it should have) Intes that the airbag deployed which is the deployed late or only particular that the deployment of the airbatic id not restrain an occupant and in caused an injury)	ally) g caused an injury)
Non-deployment (the air x Front Side Inadvertent deployment (side) Improper deployment (e.) Front Side Improper deployment (e.) Front Side Deployment-induced injut Other Describe: None: seat belt - related Non-activation (the clain induced injury (the clain induced injury (the clain induced injury induced injury (the clain induced injury indu	OF AN INADVERTENT DEPLOPECTION FORM. That did not deploy and the claim of the clai	nant states that it should have) stes that the airbag deployed white states that the airbag deployed white states the deployment of the airbates the deployment of the airbates the deployment and in caused an injury) should have deployed	ally) g caused an injury)
NOTE: FOR ALLEGATIONS AIRBAG DEPLOYMENT INSE Non-deployment (the air X Front Side Inadvertent deployment y Front Side Improper deployment (e. Front Side Deployment-induced injuication (the Describe the seat belt related Induced injury (the claication of the Describe) Non-activation (the claication of the Describe)	OF AN INADVERTENT DEPLOPECTION FORM. That did not deploy and the claim of the clai	nant states that it should have) ates that the airbag deployed where the deployed late or only particular test the deployment of the airbates the deployment of the airbates the deployment and in caused an injury) should have deployed	ally) g caused an injury)

- 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 / SIF	R / Seat Belts Preliminar	y Inspection v2.0
Customer's last name:		Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1169941014	VIN:	1G1PC5SH4C7
Daniel Company			
Section 2	INTERVIE	W - INCIDENT DETAILS	5
Interviewee name:			
Address:			
Phone number:			
Date of interview:			
	ana ar in naraan)		
Interview mode: (Teleph	ione of in person)	_	
Police report? Fire report?	Yes No No No		
Driver's Physical Descr	iption	Driver's Trip Information	on
Name:	The state of the s		tance Driver's Estimated Speed
Gender:			
Height:	10		
Weight:			
Disabilities:	10		
Exact incident location	n:	Exact incident date &	time:
Weather condition & v	isibility:	Approximate temp (°F	1.
Occupant's Information (I	cupants in the vehicle at the time of Applicable)	Name:	
Gender:		Gender:	
Height:		Height:	
Weight:		Weight:	
Age:		Age:	
Where were the other o	ccupants seated?	Age.	
Timoro moro mio omior o	ooupunto coutou i		
Front Row:	Right Front Ce	nter	
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 to	tal weight of cargo and (lbs)
Load description:			*
		2.9	
Any objects in the road? If yes, describe:	Yes No		
Did vehicle leave the road If yes, what was impacted			
Was there any evasive a	ction? Turning	Braking Accelerating	Other:
Road Surface: Road Condition:	Dry W		Crushed Rock Dirt Other:
Shoulder/Curb Condition	n: Dry W	et Icy	Other: Dirt

GM Confidential Version 2 Effective 3/23/2012

	Restraint Systems / SIR		
Customer's last name:		Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1169941014	VIN:	1G1PC5SH4C7
Select One> any unusual noises (bang Yes, from where?	Shoulder Cur , pop, tick, grinding, metallic, roar,		No
	nt, were there any warning lights or e Driver's Information Center?	n, or Yes	No
las this condition been ob f yes, how often?	oserved prior to this incident?	Yes No	
s an invoice for the repair	tacted regarding this concern? available? ome? Sent to body shop	Yes No	
Additional comments of	oncerning the incident:		
	7000000		
Section 3	VEHIC	LE HISTORY	
and relationship, if any, the Name: Address:	to the claimant		
Phone number:			
Relationship to claimant:			
Did the owner purchase the fyes, date of purchase?	ne vehicle new? Yes	No	
f purchased used, provide Name:	e the name, address of the seller a	nd data of purchase:	
Address:			
Date of purchase:			
Date of purchase.			
			opies of the repair order(s) if possible, an
Any repairs outside of war	ranty? Yes No	invoices if possible:	
Date		ir Description / By Whom?	27
Prior electrical system ser			
f yes, provide the followin	y.	Description	

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Ourstanced last asset			Inspection v2.0
Customer's last name:	Chaumalat	Inspection date:	04/16/2013
Vehicle brand: Case #:	Chevrolet 71-1169941014	Year/Model: VIN:	2012/Cruze 1G1PC5SH4C7
Case #.	71-1169941014	VIIN.	IGTPC55H4C7
rior collision repair?	Yes No	1	
yes, provide the followi			
Date		Description	
			3
rior SIR and/or seat bel	t service, repair, or replacement?	Yes No	
yes, provide the followi	ing:		
Date	- 14	Description	47
			1.
CUICLE MODIFICAS	TIONS / ALTERATIONS		
		t know of any/all changes to the ve	The Asia - Conserve
Remote Start Body Modifications Unknown	Suspension		
Remote Start Body Modifications Unknown yes, describe compone	Suspension Towing Equip.	t know of any/all changes to the ve	hicle. Aftermarket Exhaust
Remote Start Body Modifications	Suspension Towing Equip.	t know of any/all changes to the ve	hicle. Aftermarket Exhaust
Remote Start Body Modifications Unknown yes, describe componentalled it, and capture p	Suspension Towing Equip. ent, who hotos:	t know of any/all changes to the verifices/Wheels Security Alarm Tires/Wheels Wiring	hicle. Aftermarket Exhaust
Remote Start Body Modifications Unknown yes, describe componentalled it, and capture p	Suspension Towing Equip. Pent, who obotos: No modifications Permation from interview, GM Warran	t know of any/all changes to the verifices/Wheels Security Alarm Tires/Wheels Wiring Turbo Wiring	Aftermarket Exhaust Headers
Remote Start Body Modifications Unknown yes, describe compone stalled it, and capture pother vehicle history info	Suspension Towing Equip. Pent, who obotos: No modifications Permation from interview, GM Warran	t know of any/all changes to the verifices/Wheels Security Alarm Tires/Wheels Wiring Turbo Wiring	Aftermarket Exhaust Headers
Remote Start Body Modifications Unknown Tyes, describe componentalled it, and capture pother vehicle history information of Yes, describe & make of the start of	Suspension Towing Equip. Pent, who photos: Drawnation from interview, GM Warrancopies: GM history and body significant contents and contents are contents.	t know of any/all changes to the verifices/Wheels Security Alarm Tires/Wheels Security Alarm Wiring Turbo Wiring Turbo Wiring	Aftermarket Exhaust Headers x Yes No
Remote Start Body Modifications Unknown yes, describe componentalled it, and capture pother vehicle history info	Suspension Towing Equip. In the sent, who chotos: In the sent, who c	Tires/Wheels Security Alarm Tiry, or Dealership history files? hop estimate Turbo Wiring	Aftermarket Exhaust Headers x Yes No
Remote Start Body Modifications Unknown Tyes, describe componentalled it, and capture pother vehicle history information of Yes, describe & make of the start of	Suspension Towing Equip. In the sent, who ent, who ent	Tires/Wheels Security Alarm Tiry, or Dealership history files? hop estimate Turbo Wiring	Aftermarket Exhaust Headers x Yes No
Remote Start Body Modifications Unknown Tyes, describe componentalled it, and capture pother vehicle history information of Yes, describe & make of the start of	Suspension Towing Equip. In the sent, who ent, who ent	Tires/Wheels Security Alarm Tiry, or Dealership history files? hop estimate Turbo Wiring	Aftermarket Exhaust Headers x Yes No
Remote Start Body Modifications Unknown Tyes, describe componentalled it, and capture pother vehicle history information and the start of the start	Suspension Towing Equip. In the sent, who shotos: In the sent, who s	Tires/Wheels Security Alarm Tiry, or Dealership history files? hop estimate TySYSTEM INSPECTION Note from any on board module(s)	Aftermarket Exhaust Headers x Yes No
Remote Start Body Modifications Unknown Tyes, describe componentalled it, and capture pother vehicle history information and the start of the star	Suspension Towing Equip. In the sent, who shotos: In the sent, who s	Tires/Wheels Security Alarm Tiry, or Dealership history files? hop estimate TySYSTEM INSPECTION Note from any on board module(s)	Aftermarket Exhaust Headers x Yes No ne screens (if a scan tool was used).
Remote Start Body Modifications Unknown Tyes, describe componentalled it, and capture pother vehicle history information and the start of the star	Suspension Towing Equip. In the property of t	Tires/Wheels Security Alarm Tiry, or Dealership history files? hop estimate TySYSTEM INSPECTION Note from any on board module(s)	Aftermarket Exhaust Headers x Yes No
Remote Start Body Modifications Unknown Tyes, describe componentalled it, and capture pother vehicle history information and the start of the star	Suspension Towing Equip. In the sent, who shotos: In the sent, who s	Tires/Wheels Security Alarm Tiry, or Dealership history files? hop estimate TySYSTEM INSPECTION Note from any on board module(s)	Aftermarket Exhaust Headers x Yes No ne screens (if a scan tool was used).

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 Res	traint Systems / SIR	R / Seat Belts Preliminar	
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 availab	le? x Yes	No	
How was download obtained?	x ALDL/DLC		
		the module removed from the vel anditions under which the module	hicle? Yes No e was mounted when the download was
FRONT AREA: Describe any or penetrated the windshield, ar			whether the hood is opened, if it contacted
-There were damaged front fer -The windshield was NOT dam	naged.		
-The hood was damaged on the	ie passenger side (Photo 13	3).	
LEFT SIDE EXTERIOR: Description of the impact. If so, photograph			mine whether any door opened as a result
RIGHT SIDE EXTERIOR: Descresult of the impact. If so, photo			ermine whether any door opened as a
The mirror and door handle we	ere removed by body shop (photos#15 &16).	
REAR AREA: Describe any da and note if the spare tire separa		icle. Observe and photograph wh	nether the deck lid or rear hatch opened
ROOF / ROOF STRUCTURE: did not remain attached, and ph		e roof of the vehicle. Note if any	convertible tops or removable roof panels
a.s. 13. 13. 13. 14. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4	aregraph the laterios.		

UNDERBODY / FRAME / CHASSIS AREA: The underbody should be carefully inspected and <u>any damage</u> 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.

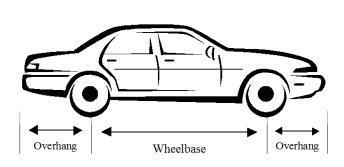
SIDE IMPACT INSPECTION

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?
- 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

X	No
X	No
X	No
Х	No
X	No
Х	No

STRUCTURAL DEFORMATION/CRUSH AREAS





Please check all that apply:

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 Driver side front overhang Driver side rear overhang

108
0
38

Passenger side wheelbase Passenger side front overhang Passenger side rear overhang

108
0
38

	06 Restraint Systen	ns / SIR /	Seat Belts I	Preliminary I	nspectio	n v2.0
Customer's last name	2:					
			Year/Mod	el:	2012	/Cruze
Case #:	71-116994101	4	VIN:		1G1F	PC5SH4C
Maximum depth of cr	ush (Inches): 20	Front Rear Roof		ver's side ssenger's side		
dditional comments See photo #11.	regarding exterior dama	ge:				
See photo # 11.						
PRIOR DAMAGE Document and photo	graph any damage that a	opears to ha	ve been presen	t prior to this inc	ident:	
Does customer allege	non-deployment of side ai	rbags or roof	rail airbags?	Yes	X	No
Door hinges on struck	side separated?			Yes Yes	X	No No No
Damage to striker/late Any rubber or paint tra Damage from extricat Separation of sheet n Side door beam dama Side beam welds sep Interior door trim dama	ansferred to the subject vel tion tools (e.g. jaws of life)? netal along weld seams (do aged? (Photos if possible) arated (Photos if possible)?	ors, rocker pa	anels, etc)?	Yes	x x x x x	No No No No No No No
Damage to striker/later Any rubber or paint tra Damage from extricat Separation of sheet in Side door beam dama Side beam welds sep Interior door trim dama	ansferred to the subject veltion tools (e.g. jaws of life)? netal along weld seams (do aged? (Photos if possible) arated (Photos if possible)? aged? aged near door opening?	ors, rocker pa	anels, etc)?	Yes Yes Yes Yes Yes Yes Yes Yes	x x x x x	No No No No No No
Damage to striker/late Any rubber or paint tre Damage from extricate Separation of sheet in Side door beam dama Side beam welds sep Interior door trim dama Interior roof trim dama Additional comments Photograph the follow linges on non-struck seatch/striker on non-struck seatch/striker on non-struck seatch/striking vehicle (If available)	ansferred to the subject veltion tools (e.g. jaws of life)? netal along weld seams (do aged? (Photos if possible) arated (Photos if possible)? aged? aged near door opening? wing: side(photo#35) ruck side r suspension	Overhead Door trim of Headliner	view (if possible on non-struck sid / roof trim on not vehicles involved	Yes	X X X X X X	No No No No No No
Damage to striker/late Any rubber or paint tr Damage from extricat Separation of sheet m Side door beam dama Side beam welds sep Interior door trim dama Interior roof trim dama dditional comments hotograph the follow inges on non-struck s atch/striker on non-str inderbody, front & rea triking vehicle (If availated)	ansferred to the subject veltion tools (e.g. jaws of life)? netal along weld seams (do aged? (Photos if possible) arated (Photos if possible)? aged? aged near door opening? stide(photo#35) ruck side r suspension lable) ON (Photograph the side version tools (Photograph the side version)	Overhead Door trim of Headliner Any other	view (if possible on non-struck sid / roof trim on noi vehicles involved teering wheel a	Yes	X X X X X X	No No No No No No
Damage to striker/late Any rubber or paint tr Damage from extricat Separation of sheet m Side door beam dama Side beam welds sep nterior door trim dam nterior roof trim dama dditional comments hotograph the follow inges on non-struck s atch/striker on non-str nderbody, front & rea triking vehicle (If availate) ITERIOR INSPECTIO	ansferred to the subject veltion tools (e.g. jaws of life)? netal along weld seams (do aged? (Photos if possible) arated (Photos if possible)? aged? aged near door opening? stide(photo#35) ruck side r suspension lable) ON (Photograph the side ver?	Overhead Door trim of Headliner Any other	view (if possible on non-struck sid / roof trim on non vehicles involved teering wheel a	Yes	X X X X X X	No No No No No No
Damage to striker/late Any rubber or paint tr Damage from extricat Separation of sheet m Side door beam dama Side beam welds sep nterior door trim dam nterior roof trim dama dditional comments hotograph the follow inges on non-struck s atch/striker on non-str nderbody, front & rea triking vehicle (If avai ITERIOR INSPECTIO nterior reduced in siz ntrusion by an extern	ansferred to the subject veltion tools (e.g. jaws of life)? netal along weld seams (do aged? (Photos if possible) arated (Photos if possible)? aged? aged near door opening? wing: side(photo#35) ruck side r suspension lable) ON (Photograph the side ver? all object?	Overhead Door trim of Headliner Any other View of the s	view (if possible on non-struck sid / roof trim on non vehicles involved teering wheel a	Yes	X X X X X X	No No No No No No
Damage to striker/late Any rubber or paint tr Damage from extricat Separation of sheet m Side door beam dama Side beam welds sep Interior door trim dama Interior roof trim dama dditional comments hotograph the follow inges on non-struck s atch/striker on non-str Inderbody, front & rea triking vehicle (If avai ITERIOR INSPECTIO Interior reduced in siz Intrusion by an extern Loose objects inside?	ansferred to the subject veltion tools (e.g. jaws of life)? netal along weld seams (do aged? (Photos if possible) arated (Photos if possible)? aged? aged near door opening? wing: side(photo#35) ruck side r suspension lable) ON (Photograph the side ver? all object?	Overhead Door trim of Headliner Any other View of the s	view (if possible on non-struck side of roof trim on non vehicles involved teering wheel at No x No	Yes	X X X X X X	No No No No No No
Damage to striker/late Any rubber or paint treported to striker and the Damage from extricate the Damage from extricate the Damage from extricate the Damage from extricate the Damage from extrement of the Damage of the Damage the Damage of	ansferred to the subject veltion tools (e.g. jaws of life)? netal along weld seams (do aged? (Photos if possible) arated (Photos if possible)? aged? aged near door opening? wing: side(photo#35) ruck side r suspension lable) ON (Photograph the side ver? all object?	Overhead Door trim of Headliner Any other View of the s Yes Yes Yes Yes Yes	view (if possible on non-struck side of roof trim on non vehicles involved teering wheel at a No	Yes	X X X X X X	No No No No No No
Damage to striker/late Any rubber or paint tre Damage from extricat Separation of sheet in Side door beam dama Side beam welds sep Interior door trim dama Interior roof trim	ansferred to the subject veltion tools (e.g. jaws of life)? netal along weld seams (do aged? (Photos if possible) arated (Photos if possible)? laged? laged? laged near door opening?	Overhead Door trim of Headliner Any other View of the s Yes Yes Yes Yes Yes Yes Yes	view (if possible on non-struck side of roof trim on non vehicles involved teering wheel at a No	Yes	X X X X X X	No No No No No No
Damage to striker/late Any rubber or paint tre Damage from extricate Separation of sheet medicate Side door beam dama Side beam welds sepenterior door trim dama Interior roof	ansferred to the subject veltion tools (e.g. jaws of life)? netal along weld seams (do aged? (Photos if possible) arated (Photos if possible)? aged? aged near door opening? wing: side(photo#35) ruck side ar suspension lable) ON (Photograph the side vere? all object?	Overhead Door trim of Headliner Any other View of the s Yes Yes Yes Yes Yes	view (if possible on non-struck side of roof trim on non vehicles involved teering wheel at a No	Yes	X X X X X X	No No No No No No

Yes

Yes

Yes

Yes

X X

No

No

No

x No

shop

Describe:

Describe:

Describe:

Describe:

Accelerator/brake pedals deformed? **GM** Confidential Version 2 Effective 3/23/2012

Steering column displaced?

Control knobs/ levers damaged?

Steering column capsule bracket displaced?

R006 Res	straint Systems / SIR / Se	eat Belts Preliminary I	nspection v2.0
Customer's last name:		Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1169941014	VIN:	1G1PC5SH4C7
Instrument panel damaged?	Yes	x No Describe:	
Lower IP/Kneed bolster dama	ged? Yes	x No Describe:	
	W 7		
If any of the following are "Ye		william I December	
Driver front airbag deployed? Passenger front airbag deploy		x No Describe: x No Describe:	
Driver side airbag deployed?		x No Describe: Describe:	
Passenger side airbag deployed?		x No Describe:	
Driver roof rail airbag deploye		x No Describe:	
Passenger roof rail airbag dep		x No Describe:	
Other? (pretensioners, etc.)		x No Other:	
Windshield (W/S) damaged?	Yes x No		
If Yes?		oken (Top inner layer)	Damaged by occupant contact
W/S separated from vehicle?	Yes x No	% (Approx.) Approximate	% of perimeter separation
Steering wheel	Yes x No		
damaged?	Dim Livi		
If Yes:	Rim Hub		
If yes, describe?			
<u> </u>			
If applicable, indicate the "clock	" position of damage to the steering	ng wheel:	
(NOTE: The top of the steering	ng wheel assembly is 12 o'clock	, regardless if the wheel itsel	f is turned.)
Tilt steering wheel?	Yes No	· · · · · · · · · · · · · · · · · · ·	
If yes, position?	Low x Med	High	
Tologoping stooring whool?	x Yes No		
Telescoping steering wheel? If yes, position?		Rearward	
ii yes, position:	1 of ward	Treat ward	
IF THERE WERE ANY TRANS	FER MARKS PRESENT ON THE	STEERING WHEEL, PHOTOG	GRAPH THEM
Were transfer marks present (c	lothing, makeup, etc.)?	No Yes	
If yes, describe?			
			ould damage the module or its wiring.
	d conduct a more extensive exam	ination of the area. Describe fi	ndings and photograph.
Any signs of water intrusion?	Yes X No		
If yes, describe:			
SEAT INSPECTION (Photogra	ph damaged areas)		
Type of front seat?	Bucket Bench 50	0/50 Split Bench 60/40) Split Bench
DRIVER'S SEAT INFORMATION		1	
Seat damage?	Yes	No	
If Yes, location?	Seat bottom	Backrest Headrest	
Seatback struck by rear occupa	ant? Yes x	No	
If yes, describe:			
RIGHT FRONT PASSENGER	SEAT INFORMATION		
Seat damage?	Yes x	No	
If Yes, location?	Seat bottom	Backrest Headrest	
Seatback struck by rear occupa		No Treducest	
If yes, describe:			
GM Confidential			
Version 2			
Effective 3/23/2012			

Customer's last name:	Restraint Systems / SIR	Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1169941014	VIN:	1G1PC5SH4C
Additional info regarding se lamage (Front or rear): VINDOW INSPECTION	at		
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 comp	uter(s)
The state of the s	sioners activated / deployed?	Yes x No	
'Alleged", SIR Unit(s):			1
Driver front	x Passenger front	Driver side (door/seat)	Passenger side (door/seat)
Driver knee bag Driver pretensioner	Passenger knee bag Passenger pretensioner	Roof rail airbag(s)	Other:
Actual Deployed SIR(s):	1 abounger preventioner		
Driver front	Passenger front	Driver side (door/seat)	Passenger side (door /seat)
Driver knee bag	Passenger knee bag	Roof rail airbag(s)	Other: No deployment
Driver Pretensioner	Passenger Pretensioner		
INSPECT SIR WIRING a SIR wiring damaged? SIR sensors damaged / dis	and SENSORS (IF VISIBLE) Yes connected? Yes	x No Describe: Describe:	
f any airbag(s) deploye	ed was it the:		
Driver front airbag Bag material cut / torn?		es No Describe:	
Transfer marks present (ma		es No Describe:	
Passenger front airbag Bag material cut / torn?		es No Describe:	
Transfer marks present (ma		es No Describe:	
Oriver side airbag Bag material cut / torn?		es No Describe:	
Fransfer marks present (ma		es No Describe: No Describe:	
Passenger side airbag Bag material cut / torn?		es No Describe:	
Transfer marks present (ma		es No Describe:	
Roof rail airbag Bag material cut / torn?		es No Describe:	

GM Confidential Version 2 Effective 3/23/2012

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 <u>customer alleges</u> the FRONT PASSENGER airbag <u>did not deploy</u> 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 Inche
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 x No Sit in the passenger seat and observe the status indicator. Is the passenger airbag system "ON"? x 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"? Airbag warning light came "ON" with the ignition key, blinked several times and stayed "ON"? X Yes Yes
Describe any other results:
Turn on ignition, observe seat belt light. On? Buckle driver's seat belt. Seat belt light on? X Yes No X 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?

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 their	n save them as PDF type	e files. Submit all	.CDRx and PDF file	s with report.

Was the CDR download available?
How was download obtained? x 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: x Driver Center front x Passenger Driver's side rear Center rear Right rear Third Row
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?
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)?	X	Yes
	X	Lap
Marks, cuts or debris present on shoulder and lap belt webbing?		Yes
Webbing energy management loops (if equipped) - stitches pulled free, unfolded, replacement/warning label exposed?		Yes
Tack stitch separated from plastic sleeve?		Yes
Webbing cut?		Yes
Does guide loop assembly exhibit striations, bent, or deformed?		Yes
Does guide loop adjuster move up and down (if equipped)?	X	Yes
Does the seat belt buckle latch and unlatch?	X	Yes
Does the seat belt return to the stowed position when unbuckled?	Х	Yes
Buckle condition (worn or foreign material present)?		Yes
Any components missing?		Yes
Does the seat belt return to the stowed position when unbuckled?	Х	Yes
Any post-collision damage present (e.g. rescue workers)?		Yes
GM Confidential		-

Any post-collision GM Confidential Version 2 Effective 3/23/2012

	No
X	Shoulder
X	No
	No
	No
	No
X	No
X	No
	No
Х	No

NOTE: If there were occupelt addendum. Include f possible, perform a dyn to the retractors on the b f No, describe: f vehicle is not drivable, j etractors will not lock on		ns, inspect those seating positi	04/16/2013 2012/Cruze 1G1PC5SH4C7 es
Case #: s the seat belt webbing of the seat belt addendum. Included for the seat seat seat seat seat seat seat sea	71-1169941014 ut? (If yes, photograph and record supants in other seating position it with your report. amic "panic stop" type test with the	VIN: d length of pieces): Inche ns, inspect those seating positi	1G1PC5SH4C7
s the seat belt webbing of NOTE: If there were occupied addendum. Include f possible, perform a dyn Do the retractors on the bef No, describe:	ut? (If yes, photograph and record cupants in other seating position it with your report.	d length of pieces): Inche	es
NOTE: If there were occupelt addendum. Include f possible, perform a dyn to the retractors on the b f No, describe: f vehicle is not drivable, j etractors will not lock on	cupants in other seating position it with your report. amic "panic stop" type test with the	ns, inspect those seating positi	
No, which belts do ot lock/hold?	erk each belt inspected rapidly. (N this test.) Did the retractors lock? Passenger and driver's side did i	lote: Some inertia activated	Yes X No
dditional comments?			
Section 5	SIT	E INSPECTION	
	FORM THE FOLLOWING IF AD	DITIONAL INFORMATION MAY I verify tire marks, gouges in the p	
	he scene, measure location of the		avenient, desnis, or any
 Identify evidence locations, distan 		ad prior to, during, or after the inci	dent. Document all
Identify evidence incident.	& photograph any object struck l	by the vehicle on or off the road pr	ior to, during, or after
	& shoulder surfaces in the area of , severe braking, etc.	of the incident site for telltale signs	of loss of control,
Photograph the scene a	nd any property involved. Only	factual comments should be e	ntered in this section:
Section 6	COMM	IENT OVERFLOW	
		inspection form. Please note th	

GM Confidential Version 2 Effective 3/23/2012

R006			7
		Inspection date:	04/16/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1169941014	VIN:	1G1PC5SH4C

Section 7	OTHER REPORT INFORMATION
According to NHTS term also includes, smouldering, but de	vas evidence of a "Fire-Related" event. A, "fire" means combustion or burning of material in or from a vehicle as evidenced by flame. Th but is not limited to, thermal events and fire-related phenomena such as smoke, sparks or oes not include events and phenomena associated with a normally functioning vehicle, such as within an engine or exhaust from an engine.
combustion of fuel	

Ron Murphy April 15, 2013 Global Warranty Main > Interface With Customer Management:

Interface With Customer User Options

- → Investigate Vehicle History
- → Investigate Major Assembly History
- → Investigate Vehicle History
- → Investigate Major Assembly History
- \rightarrow 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 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	-21000000	52000	OIL SPILLS OR	16.000.0001	in the second
Safety	N120081	12081	LEAKS ONTO HOT	06/21/2012	Closed
Recall			SURFACES		

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	ZPDIPre- 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 - 2012, Chevrolet Cruze 1G1PC5SH4C7
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

Aditya Birla Minacs | accelerating businesses for 30 years 7401 E. Ben White Blvd, Bldg. 3, Austin, TX 78741 www.minacs.adityabirla.com| Follow us on Twitter

September 18, 2013



Service request: 71-1179424575

Vehicle Identification Number: 1G1PC5SH0C7

Customer Relationship Specialist: Dalia

Dear Mr.

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.

2012 Chevrolet Cruze 1G1PC5SH0C7

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 I CRS

Aditya Birla Minacs I inspired every day 7401 E. Ben White Blvd, Bldg. F, Austin, TX 78741

Phone: 866-790-5600 ext. 11350 Fax: 866-480-3628 www.minacs.adityabirla.com

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 I CRS

Aditya Birla Minacs I inspired every day

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

Phone: 866-790-5600 ext. 11350 Fax: 866-480-3628 www.minacs.adityabirla.com



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 2012 Chevrolet Cruze VIN 1G1PH5SC7C7 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, <u>print</u> 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 INFO	RMATION		
Titled owner:			
Mailing address:			
City: Davenport		State: IA Zij	p code:
Day phone:			
Fax:			
SECTION 2: VEHICLE INFORM	IATION		
Make: Chevrolet	Model: Cruze	Year: 2012	Current mileage: 15000
Name(s) that appears on the vehicl	le title:		
Selling dealer/city/state: Birds,	iowa city, IA		
Primary Servicing dealer/city/sta			
		the vehicle in your poss	session? 🛛 yes 🗌 no
Purchase/lease date: 05/14/12	 Mi	ileage at purchase/lease	H
First repair attempt date: 05/20/1	.3 Fir	rst repair attempt mileag	ge: 15000
How often is the vehicle used for business purposes (percentage)	Number of	f vehicles owned by the business:	Transmission type: ☑ Automatic ☐ Manual
Has the vehicle been in an accident		_	Date of accident:
Description of damage:	,		
Chavrolet company needs to ta			
Chevrolet company needs to ta at fault on airbag should have			mit
medical bills, new car and com	pensation.	-	
Please complete the missing	information in the bo	x below and on pag	je 2.
VEHICLE INDENTIFICATION	N NUMBER		
Lienholder/Leasing Compa	ny	Phone	Number
Account Number			

Case Number: CHV1319775 **SECTION 4: VEHICLE PROBLEMS (List primary problem first)** Does the # of problem repair List the date, mileage, and days out of exist Problem Servicing dealer(s) attempts service for each repair attempt now? **Example:** 4/23/06 3,500 miles 5 days A/C won't cool properly 2 6/10/07 12,700 miles 1 day Any Dealer, Inc. owner contact chevy, 3 yes chevrolet not respond in time air bag not deploy, owner hit 3 no head and neck agains

Total days out of service for all problems:	otal 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 <u>copies</u> 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



RE: Service Request: 71-1187826862

2012 Cruze

Vehicle Identification Number: 1G1PF5SC9C7

Customer Relationship Specialist: Kathleen

Dear Ms.

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

СС

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:

:

Year, Make, Model: 2012 Chevrolet Cruze

VIN 1G1PF5SC9C7

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

To brad.bryce@gm.com

05/30/2013 01:59 PM

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:

Year, Make, Model: 2012 Chevrolet Camaro

VIN: 2G1FA1E34C9

Dealership, City, State (BAC): No dealership incolved

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

СС

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.

Custome

2012 Chevrolet Cruze

1G1PC5SH8C7

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	
User	Ron Graves	
Case Number	71-1190003150	
EDR Data Imaging Date	06/06/2013	
Crash Date	06/02/2013	
Filename	1G1PC5SH8C7 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 Invali d" 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 s witch 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 Deploy ments, 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

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 045504045
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 045550404
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 0455505D
ESS # 6 Traceability Data, Traceability Number	015F566ED
ESS # 7 Traceability Data, Component Identifier	00
ESS # 7 Traceability Data, Part Number/Broadcast Code	0000 E
ESS # 7 Traceability Data, Supplier Code	
ESS # 7 Traceability Data, Traceability Number ESS # 8 Traceability Data, Component Identifier	00000000
ESS # 8 Traceability Data, Component Identifier ESS # 8 Traceability Data, Part Number/Broadcast Code	00
ESS # 8 Traceability Data, Part Number/Broadcast Code ESS # 8 Traceability Data, Supplier Code	
ESS # 8 Traceability Data, Traceability Number	000000000





System Status at Event (Event Record 1)

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	Off
Zero)	Oll
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	12 [20]
Velocity Change for FSR Event) MPH [km/h]	12 [20]
Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM	174
Recorded Vehicle Velocity Change)(msec)	174
Maximum Delta-V, Lateral (Maximum Lateral SDM Recorded Vehicle Velocity Change	0 [0]
for FSR Event) MPH [km/h]	0 [0]
Time Maximum Delta-V, Lateral (Time From FSR Time Zero to Maximum Lateral SDM	44
Recorded Vehicle Velocity Change)(msec)	44





DTCs Present at Time of Event (Event Record 1) B0052-00

1G1PC5SH8C7 Page 5 of 39 Printed on: Thursday, June 6 2013 at 12:15:20





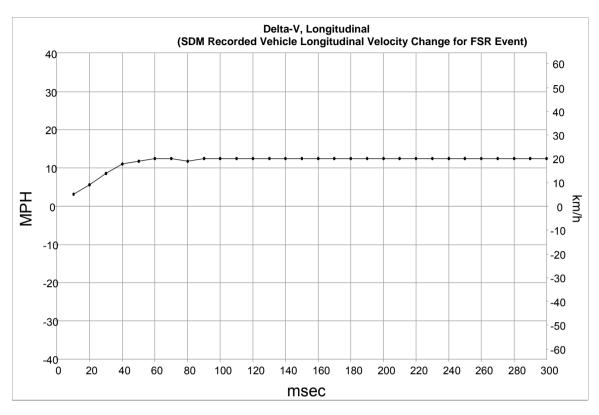
Event Data (Event Record 1)

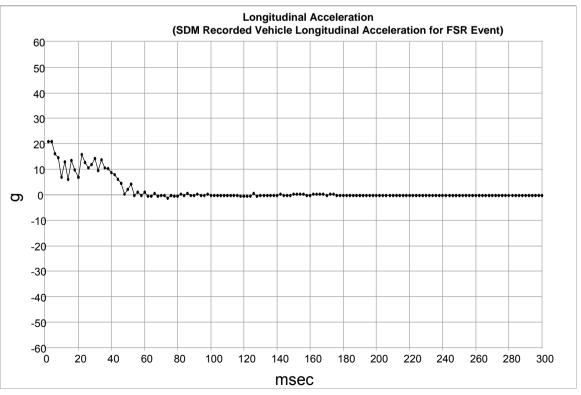
Event Data (Event Necold 1)	
Driver 1st Stage Deployment Loop Commanded	No
Passenger 1st Stage Deployment Loop Commanded	No
Driver 2nd Stage Deployment Loop Commanded	No
Passenger 2nd Stage Deployment Loop Commanded	No
Driver Pretensioner Deployment Loop #1 Commanded	Yes
Passenger Pretensioner Deployment 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	Data Not Available
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	Data Not Available
Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Frontal Air Bag Deployment, Time to 1st Stage Deployment, Right Front Passenger	1
(Passenger 1st Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available
(msec)	
Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger	Data Not Available
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	Data Not Available
Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Side air bag deployment, time to deploy, right front passenger (Passenger	Data Not Available
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	33
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	33
Criteria Met) (msec)	





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)

	udinai Crash Puis
Time	Longitudinal
(msec)	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	-0.0
	-0.2
72	-1.4
76	-0.2
78	-0.2
80	-0.6
82	0.2
84	-0.2
86	
88	0.6
90	-0.2
92	0.2
94	-0.2
96	-0.2
98	0.2





Time	Longitudinal
(msec)	Acceleration
	(SDM Recorded Vehicle
	Longitudinal
	Acceleration for FSR
	Event) (g)
100	-0.2

Time	Longitudinal
(msec)	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
162 164	0.2
	0.2
166	0.2
168 170	-0.2
172 174	0.2
174	-0.2
176	-0.2
178	-0.2 -0.2
182	-0.2
184	-0.2
186	-0.2
188	-0.2
190	-0.2
190	-0.2
194	-0.2
194	-0.2
198	-0.2
190	-0.2





Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
200	-0.2

Time (msec)	Longitudinal Acceleration
(IIISEC)	(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
290	-0.2





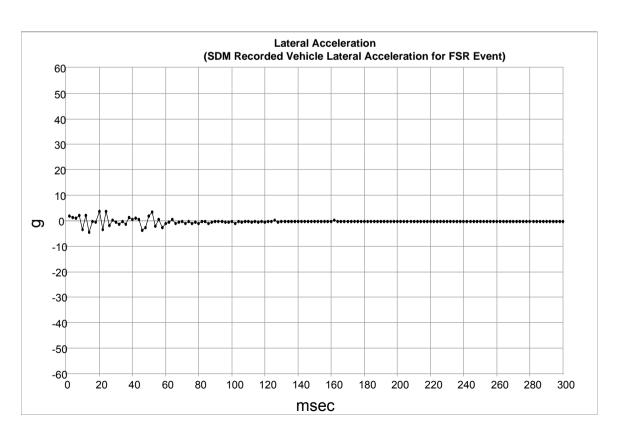
Time	Longitudinal	
(msec)	Acceleration	
	(SDM Recorded Vehicle	
	Longitudinal	
	Acceleration for FSR	
	Event) (g)	
300	-0.2	

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Lateral Crash Pulse (Event Record 1) Delta-V, Lateral (SDM Recorded Vehicle Lateral Velocity Change for FSR Event)







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	134 136	-0.2	234	-0.2
36	-1.4		-0.2		-0.2
38 40	1.4	138 140	-0.2 -0.2	238 240	-0.2 -0.2
42	1.0	140	-0.2	240	-0.2
44	0.6	144	-0.2	242	-0.2
46	-3.8	146	-0.2	244	-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)





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





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
ĺ	-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





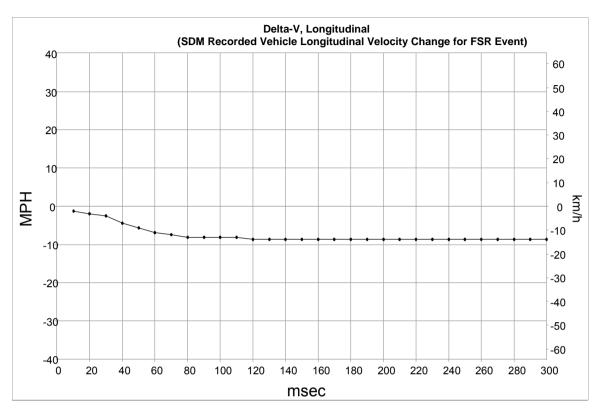
Event Data (Event Record 2)

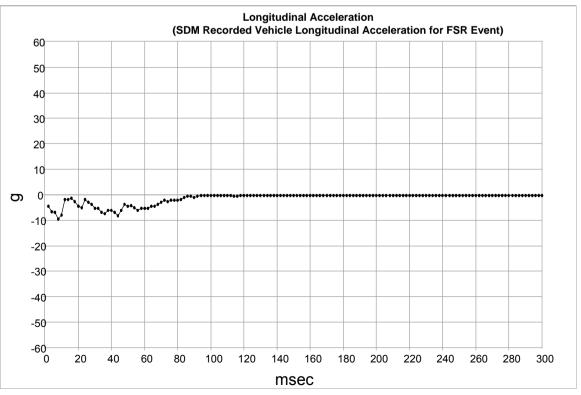
Event Data (Event Record 2)	
Driver 1st Stage Deployment Loop Commanded	No
Passenger 1st Stage Deployment Loop Commanded	No
Driver 2nd Stage Deployment Loop Commanded	No
Passenger 2nd Stage Deployment Loop Commanded	No
Driver Pretensioner Deployment Loop #1 Commanded	No
Passenger Pretensioner Deployment 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	Data Not Available
Time From Time Zero to Deployment Command Criteria Met) (msec)	
Frontal Air Bag Deployment, Time to 2nd Stage, Driver (Driver 2nd Stage Time From	Data Not Available
Time Zero to Deployment Command Criteria Met) (msec)	
Frontal Air Bag Deployment, Time to 1st Stage Deployment, Right Front Passenger	Data Nat Assailable
(Passenger 1st Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available
(msec)	
Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger	Data Not Available
2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	
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	Data Not Available
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)

	udinai Crash Puise
Time (msec)	Longitudinal Acceleration
(msec)	(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
$\overline{}$	
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
116 118	-0.6 -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
162 164	-0.2 -0.2
166	
168	-0.2 -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
254 256	-0.2 -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



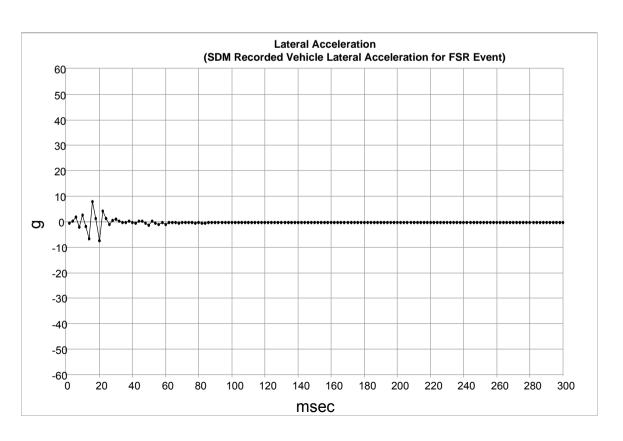


Time	Longitudinal
(msec)	Acceleration
	(SDM Recorded Vehicle
	Longitudinal
	Acceleration for FSR
	Event) (g)
300	-0.2





Lateral Crash Pulse (Event Record 2) Delta-V, Lateral (SDM Recorded Vehicle Lateral Velocity Change for FSR Event)







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)
		100		202	
2	-0.6	102	-0.2	202	-0.2
4	0.2 1.8	104 106	-0.2	204 206	-0.2
6		108	-0.2		-0.2
10	-2.2		-0.2	208	-0.2
12	2.6	110 112	-0.2 -0.2	210 212	-0.2 -0.2
14	-6.6	114	-0.2	214	-0.2
16	7.8	116	-0.2	214	-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 78	-0.2 -0.6	176 178	-0.2 -0.2	276 278	-0.2 -0.2
80	-0.0	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)





Vertical Crash Pulse (Event Record 2) Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event)





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)

1 10 010	ion Data 2.0 t	0.0 300 (240	iit itcoola zj		
Times (sec)	Control Active Resume Switch Active No No		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.

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DPID $15
01 02 03 04 05 06 07
DPID $16
08 09 0A 0D 0E 00 00
DPID $17
13 14 OC OB OO OO OO
DPID $32
00 FD 07 CE 00 00 00
DPID $35
78 00 00 00 00 00 00
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
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
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
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DID $9A
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DID $B4
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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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1000	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
1010	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
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1110	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF





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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:

Customer City: Summerville

Customer State : SC Customer Zip Code :

Vehicle Information:

VIN: 1G1PC5SH8C7

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.qureshi@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
2012 Chevrolet Cruze
1G1PC5SH8C7
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

Logout

Al DiFalco

June 17, 2013

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

INTERFACE WITH CUSTOMER

USER OPTIONS

View Vehicle Summary

1

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: 1G1PC5SH80

Service Contract: Yes

Branded Title: No

Warranty Block: No

PDI Status: Yes

Order Type: 70 - RETAIL - STOCK

Field Actions: <u>0 Open</u>

REQUEST ANOTHER VIN

Required Field Actions

Open field actions are highlighted

Туре	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

XM Equipped: Y

XM Radio ID: XZC7K2MP

OnStar Vehicle Diagnostics: N

OnStar Status: Active

XM Status: Active

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	

For this vehicle:

- → View Vehicle Summary
 - $\rightarrow \frac{\text{Service}}{\text{Contract}}$
 - → Branded Title
 - → Warranty Block
- → View Vehicle Build
- → <u>View Vehicle</u> <u>Component Summary</u> View Vehicle
- → <u>Transaction History</u> <u>Detail</u>
- → View Vehicle Delivery Information
- → Investigate Major Assembly History

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

Effective Date: 05/12/2012 Effective Odometer: 15 MI Daily Rental Limit: 35.00 Deductible Amount: 0.00 Expiration Date: 05/12/2018 Expiration Odometer: 72015 MI

Transaction History					View Details
Job Card Date	Job Card Number	Transaction Type	Transaction Adjustment	Labour Operation	Odometer Reading
03/27/2013	141422	ZREGRegular Vehicle Transaction	Add Credit	J3501 - Engine Coolant Thermostat Housing Replacement	11,963 MI
03/27/2013	141422	ZREGRegular Vehicle Transaction	Full Debit - Reversal	J3501 - Engine Coolant Thermostat Housing Replacement	11,963 MI
03/27/2013	141422	ZREGRegular Vehicle Transaction		J3501 - Engine Coolant Thermostat Housing Replacement	11,963 MI
08/04/2012	128290	ZFATField Action Recall		V2609 - 12133 - Inspect Fuel Tank Strap Bracket - No Further Action Required	3,116 MI
08/04/2012	128290	ZFATField Action Recall		V2601 - 12081 - Engine Shield Modification (automatic transmission)	3,116 MI
04/13/2012	A23366	ZPDIPre-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:	06/06/2013		
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze		
File case #:	71-1190003150	VIN:	1G1PC5SH8C7		

Inspector (First & Last Name): R	Ronald Graves
Number of photos: 26	

Section 1. Description

Photo #	<u>Description Only</u>	<u>Damage</u> (Yes/No)
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 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	

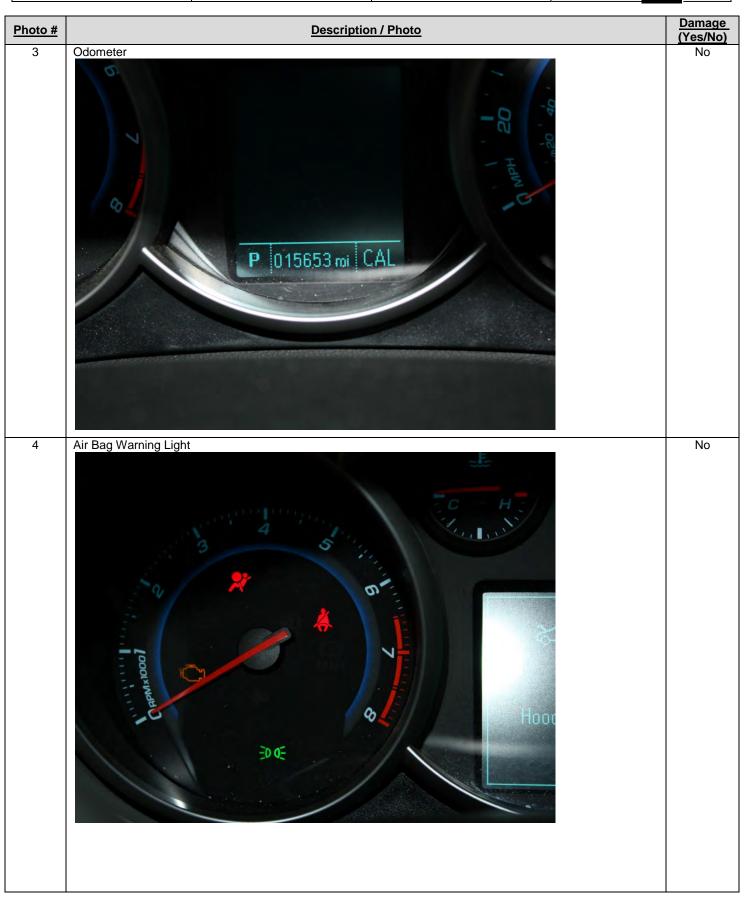
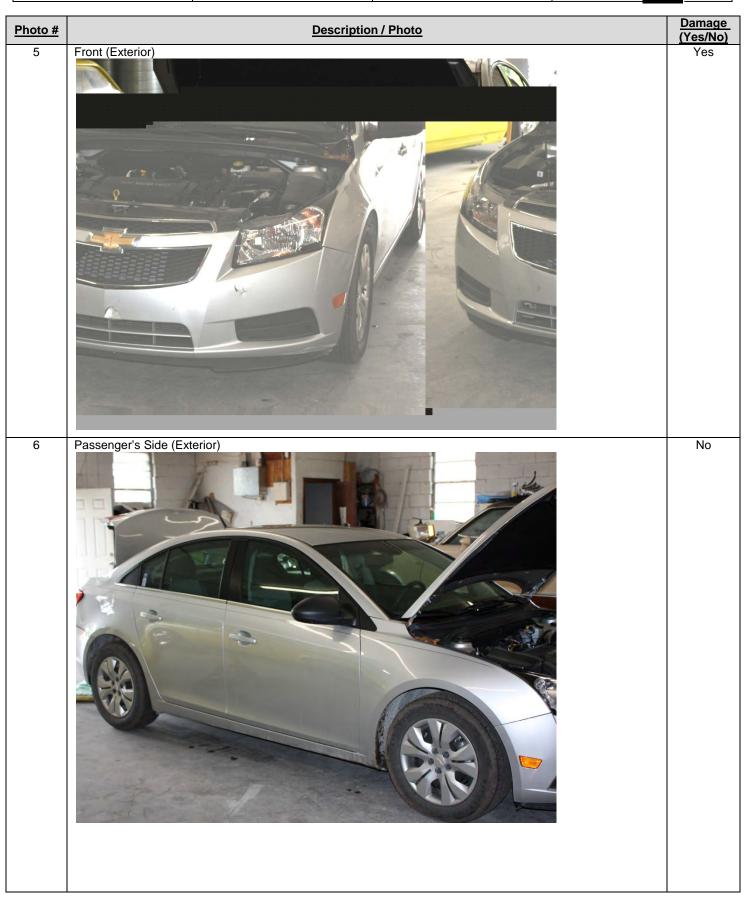


Photo Log & Photos for Preliminary Inspection v.2.1					
Customer's last name:		Inspection date:	06/06/2013		
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze		
File case #:	71-1190003150	VIN:	1G1PC5SH8C7		



		Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
File case #:	71-1190003150	VIN:	1G1PC5SH8C7



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	

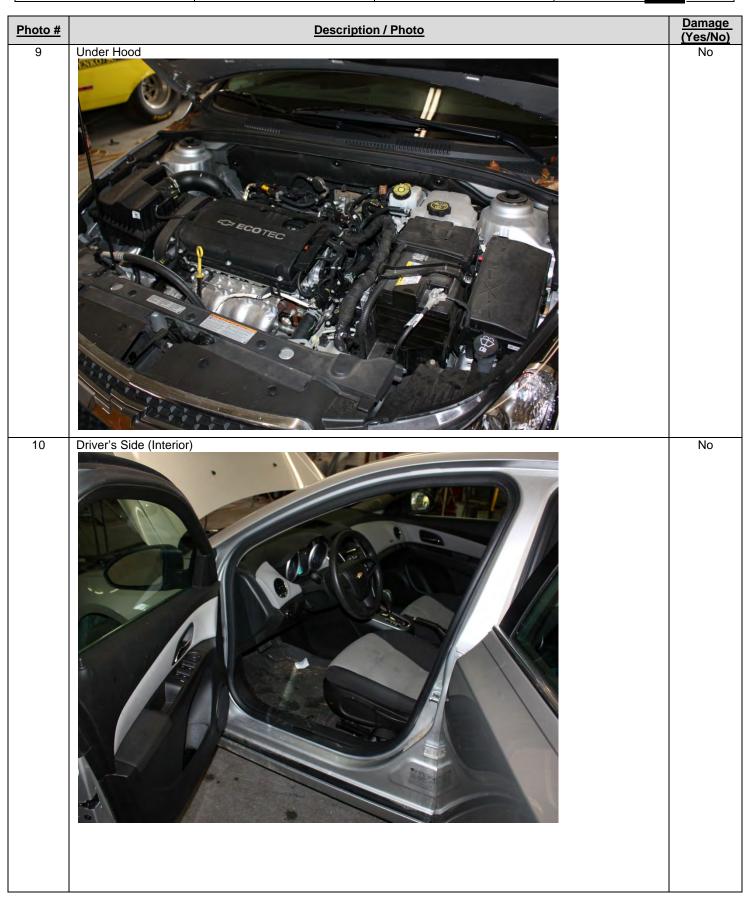


Photo Log & Photos for Preliminary Inspection v.2.1				
Customer's last name:		Inspection date:	06/06/2013	
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze	
File case #:	71-1190003150	VIN:	1G1PC5SH8C7	



Photo 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 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 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 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		

Trunk Lid Damage Yes		#: 71-1190003150	VIN:	1G1PC5SH8C7	-
Trunk Lid Damage Yes Damage Inner Left Trunk Frame Area Yes			Description / Photo		Damage (Yes/No)
	19	CREVS CREWS			Yes
	20				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	

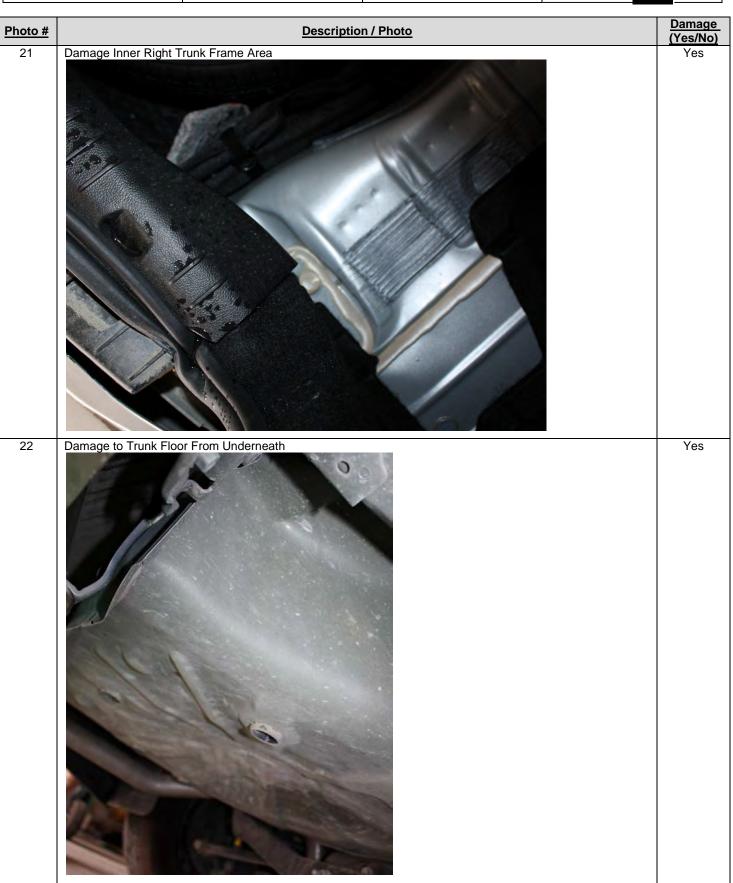


Photo Log & Photos for Preliminary Inspection v.2.1			
Customer's last name:		Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012 / Cruze
File case #:	71-1190003150	VIN:	1G1PC5SH8C7



Photo 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	<u>Damage</u> (Yes/No)
25	Passenger Deployed Pretensioner	(Yes/No) Yes
26	Driver's Deployed Pretensioner	Yes

	Restraint Systems / SIR		
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: Sur	mmerville Collision Center
Inspected by:	Ronald Graves	Address: 1011 W 5 th No	orth St., Summerville, SC 29483
Inspector's phone number:		Address: 1011 W 0 110	orar ot., Garriner vine, GG 25400
as a dealer technician use	ed? Yes x	No	Number of photos 26
Yes, number of hours?			
possible, document the Ro			Number of DTCs 0
aximum vehicle speed tak		29 mph	
LODD LA		25 mph	
id CDR detect a rollover e	vent? Yes x	No	
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Section 1	INSPEC	TION SUMMARY	
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		lent. Do not paraphrase the cus	tomer's words. This is a very
mportant section of the	report:		
to a di Short te a process and mode.			
I was sitting at the top at t	he evit ramp at Ashley Phospha	te road waiting to turn right. I look	ed up in my rear view and saw a truck
			teering wheel and closed my eyes. Th
guy in the truck had had a	seizure and never hit his brakes	. He hit me and pushed me into the	ne car in front of me. He rolled back
guy in the truck had had a	seizure and never hit his brakes		
guy in the truck had had a down the ramp. I hit the tru	seizure and never hit his brakes ick in front of me so hard his trai	. He hit me and pushed me into the ler hitch went between his frame.	ne car in front of me. He rolled back
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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:		
	7	
Date of interview:	06/13/2013	
Interview mode: (Telephone or in person)	Telephone	

Police report? Fire report?

X	Yes
	Yes

No 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?

X	Yes

No

Were there any other occupants in the vehicle at the time of the incident?

Yes

x No

Occupant's Information (If Applicable)

Name:	
Gender:	
Height:	
Weight:	
Age:	

Name:	
Gender:	
Height:	
Weight:	
Age:	

Where were the other occupants seated?

Front Row: Second Row: Third Row:

Right Front
Right Rear
Right Rear

Front Center
Center
Center

Left Rear
Left Rear

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

Complete this section if the <u>customer alleges</u> the FRONT PASSENGER airbag <u>did not deploy</u> 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 Rest	raint Systems / SIR / Sea	t Belts Preliminary Insp	ection v2.0
Customer's last name:		Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1190003150	VIN:	1G1PC55H8C7
	1	1	
If transfer marks are present, plea	ase provide: Age	Height (feet & inch	es) Weight (lbs)
Seat track position:	enger seat position measurement. Inches Ition in relation to the stationary basward of, or back from the base?	se of the Forward of	Back from
Driver seat position and its distan	ce to the IP: Inche	s	
	WILL NOT WORK IF THE DOWN O PERFORM THE TEST. Take ph		DM THE SDM. RECONNECT
Perform the following check for vein the "on", or "run" position to per	ehicles equipped with a passenger rform the check.	airbag status indicator. NOTE: F	or some vehicles the key must be
	g status indicator. Is the passenger serve the status indicator. Is the pa		Yes No
Photograph the seat cover and couphotograph any signs of the RF s	ushion seat occupant contact with the I/P o	or other interior area.	
AIRBAG LIGHT FUNCTIONA	L TEST RESULTS:		
	vith the ignition key, blinked severa vith the ignition key, blinked severa		Yes Yes
Describe any other results:			
Turn on ignition, observe seat bell Buckle driver's seat belt. Seat be		No No	
	at, does the passenger seat belt wa elt is not buckled and go "OFF" who		No
Any objects in the road? If yes, describe:	Yes x No		
Did vehicle leave the roadway? If yes, what was impacted?	Yes x No		
Was there any evasive action?	Turning Brakin	g Accelerating	Other: No. See Insp. Summ.
Road Surface: Road Condition: Shoulder/Curb Condition: Select One>	Concrete x Dry Wet Dry Wet Shoulder Curb	Gravel Crushed Other: Other:	Rock Dirt
Any unusual noises (bang, pop, till Yes, from where?	ick, grinding, metallic, roar, etc.)?	Yes x No)
Prior to or after the incident, were messages displayed on the Drive If Yes, what indicator?	there any warning lights on, or r's Information Center?	Yes x No	
Has this condition been observed GM Confidential	I prior to this incident?	Yes x No	

	Restraint Systems / SIR			
Customer's last name:		Inspection date:	06/06/2013	
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze	
Case #:	71-1190003150	VIN:	1G1PC55H8C7	
f yes, how often? Nas the repair facility conts an invoice for the repair f Yes, what was the outcome.		Yes No Yes No		
If the vehicle is a truck of	or a car trailering cargo at the ti	me of the incident, estimate to	otal weight of cargo and	(lbs)
Load description:				
Additional comments co	oncerning the incident:			
Section 3	VEHIC	LE HISTORY		
		is section from Driver / Clain	nant	
Name:		No No data of purchase:		
Address: Date of purchase:		7		
document the name of the	ry of the following three questions, service facility, its address, and te ranty? Yes X No riptions of the repair(s) and repair	lephone number.	opies of the repair order(s) if pos	sible, and
	1,820			
Prior electrical system serv				
Date		Description		

DA	16 Pactraint		
KU	06 Restraint	And the second second second	
		Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1190003150	VIN:	1G1PC55H8C7
yes, provide the follo	wing:		<u> </u>
Date		Description	
rior SIR and/or seat b	pelt service, repair, or replacement	? Yes X No	
yes, provide the follo	wing:		
Date		Description	
sk if there are any ve e vehicle has been p Remote Start	hicle modifications or alterations progre-owned, the current owner may result of Suspension	resent, and has any after-market equinot know of any/all changes to the ve	
sk if there are any ve le vehicle has been p Remote Start Body Modification Unknown yes, describe compostalled it, and capture ther vehicle history in	hicle modifications or alterations provided in the current owner may responsible and the current owner may r	Tires/Wheels Turbo Security Alarm Wiring	Aftermarket Exhaust
Remote Start Body Modification Unknown yes, describe compostalled it, and capture	hicle modifications or alterations progre-owned, the current owner may reserve the current owner	Tires/Wheels Turbo Security Alarm Wiring	Aftermarket Exhaust Headers x Yes No
sk if there are any ve le vehicle has been p Remote Start Body Modification Unknown yes, describe compo stalled it, and capture ther vehicle history ir Yes, describe & mak	s Suspension Suspension Towing Equip. Interpretations or alterations provided in the current owner may response to the current owner may resp	Tires/Wheels Turbo Wiring Wiring ranty, or Dealership history files? E / SYSTEM INSPECTION Note	Aftermarket Exhaust Headers x Yes No
sk if there are any ve e vehicle has been p Remote Start Body Modification Unknown yes, describe compo stalled it, and capture ther vehicle history ir Yes, describe & mak	s Suspension Suspension Towing Equip. Interpretations or alterations provided in the current owner may response to the current owner may resp	Tires/Wheels Security Alarm Turbo Wiring Tanty, or Dealership history files?	Aftermarket Exhaust Headers x Yes No
Remote Start Body Modification Unknown yes, describe compostalled it, and capture ther vehicle history ir Yes, describe & mak Section 4	Suspension Suspension Towing Equip. Interpretations or alterations provided in the current owner may response to the current owner may respon	Tires/Wheels Turbo Wiring Wiring ranty, or Dealership history files? LE / SYSTEM INSPECTIONNote des" from any on board module(s)	Aftermarket Exhaust Headers x Yes No
sk if there are any vene vehicle has been possessed in Remote Start Body Modification Unknown yes, describe compostalled it, and capture other vehicle history in Yes, describe & make the section 4	Suspension Suspension Towing Equip. Interpretations or alterations provided in the current owner may response to the current owner may respon	Tires/Wheels Turbo Wiring Wiring ranty, or Dealership history files? LE / SYSTEM INSPECTIONNote des" from any on board module(s)	Aftermarket Exhaust Headers X Yes No

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?
If "No", describe:	

x Yes

No

R006 R	estraint Systems / SIR	/ Seat Belts Preliminar	y 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	ed? x ALDL/DLC	Directly from module using a	dapter harness w/ Bosch CDR
If the download was obtained	d directly from the module, was	the module removed from the veh	nicle? Yes No
If removed from the vehicle, obtained:	describe and photograph the co	nditions under which the module	was mounted when the download was
or penetrated the windshield,	, and the location of the contact		whether the hood is opened, if it contacted
There is minor damage to t	the front bumper cover in three	spots. The center spot was actua	lly cut (photos 15–17)
of the impact. If so, photogra	aph the latch, striker and the hin		nine whether any door opened as a result
-The left rear was damage f -At the base of the rear wind	from the impact (photo 14, 20) dow area the c-pillar is bent as	well as the entire rear end portion	(photos 20-24).
result of the impact. If so, ph	otograph the latch, striker and t	he hinges.	ermine whether any door opened as a
The right rear damage is sir	milar to the left side. It is bent ju	st below the c pillar with the whol	e rear end bent inwardly (photo 23).
and note if the spare tire separative	arated from the vehicle.		ether the deck lid or rear hatch opened
The trunk lid is shifted inwa	rdly several inches (roughly 6 in	ches). Both rear quarters are ber	nt at the c pillars as well (photos 23-24).
ROOF / ROOF STRUCTURE did not remain attached, and		roof of the vehicle. Note if any c	convertible tops or removable roof panels
N/A			

UNDERBODY / FRAME / CHASSIS AREA: The underbody should be carefully inspected and <u>any damage</u> 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?

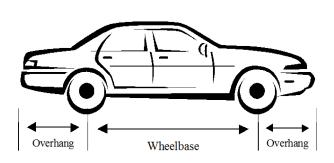
Yes
Yes

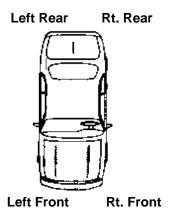
No
No

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	x 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:					ection (06/06/2013	
Vehicle brand:	Chevrolet			Year	/Mode	l:		2012/Cruze	
Case #:	71-1190003150			VIN:				1G1PC55H8C7	6
All values in inches: Driver side wheelbase Driver side front overhang Driver side rear overhang	Pass	enger sid enger sid enger sid	le fror	nt ove	rhang				
Maximum depth of crush (Inche	F	Front Rear Roof				er's side senger's s	ide		}
PRIOR DAMAGE Document and photograph any N/A Does customer allege non-deplo NOTE: Complete the following if Otherwise leave the remaining po Door hinges on struck side dama Door hinges on struck side sepa Damage to striker/latch system? Any rubber or paint transferred to Damage from extrication tools (e Separation of sheet metal along Side door beam damaged? (Photoside beam welds separated (Photoside beam welds separated (Photoside beam welds separated (Photoside beam damaged)? Interior roof trim damaged near of the service of the serv	yment of side airbag the customer allegat rtion of section blank aged? rated? the subject vehicle ag. jaws of life)? weld seams (doors, tos if possible) otos if possible)?	s or roof ion involv Identify ?	rail a /es N	irbags ON D photo	ePLO\ egraph	/MENT o	Yes the side in	x No	rail airbags.
Additional comments:									
Photograph the following: Hinges on non-struck side Latch/striker on non-struck side Underbody, front & rear suspension Striking vehicle (If available) INTERIOR INSPECTION (Photograph)	on Di H	ny other v	on noi roof vehicl	n-stru trim o les inv	ck side n non- olved	struck sid (if possibl	e)	ior, and deployed ai	rbags)
Interior reduced in size?		Yes	X	No	\٨/	here:			
Intrusion by an external object?		Yes	X	No		escribe:			
Loose objects inside?		Yes	X	No		escribe:			
Cowl deformed?		Yes	X	No		escribe:			
Floorpan / Toepan deformed?		Yes	X	No	De	escribe:			
Headliner / visors damaged?		Yes	X	No		escribe:			
Inside rear-view mirror damaged		Yes	X	No		escribe:			
Door trim damaged?		Yes	X	No	De	escribe:			

					9 of 13
	straint System	s / SIR / Se		S Preliminary Ir	
Customer's last name:				ion date:	06/06/2013
Vehicle brand:	Chevrolet		Year/M	odel:	2012/Cruze
Case #:	71-1190003150	1	VIN:		1G1PC55H8C7
Steering column displaced?		Yes	X No	Describe:	
Steering column capsule bra	cket displaced?		X No	Describe:	
Control knobs/ levers damage			X No	Describe:	
Accelerator/brake pedals def			X No	Describe:	
Instrument panel damaged?	omiou.		X No	Describe:	
Lower IP/Kneed bolster dam	aged?		X No	Describe:	
	/"(
If any of the following are "Y			V No	Describer	
Driver front airbag deployed?			X No	Describe:	
Passenger front airbag deplo			X No	Describe:	
Driver side airbag deployed?			X No	Describe:	
Passenger side airbag deplo			X No	Describe:	
Driver roof rail airbag deploy			X No	Describe:	
Passenger roof rail airbag de	ployed?		X No	Describe:	
Other? (pretensioners, etc.)		x Yes	No	Other:	
Windshield (W/S) damaged?	Yes	. No			
f Yes?	Cracked		ken (Top i	nner layer)	Damaged by occupant contact
W/S separated from vehicle?		No No	% (App		% of perimeter separation
Ctooring whool domogod?	Voo V	No			
Steering wheel damaged? If Yes:		No Hub			
f yes, describe?	Rim X	ן מטר			
i yes, describe:					
f applicable, indicate the "cloc	k" position of damag	e to the steering	g wheel:	o'clock	
NOTE: The top of the steer	ing wheel assembly	is 12 o'clock,	regardles	s if the wheel itself	is turned.)
Tilt at a sin south a alo	. I Vaa				
Tilt steering wheel? If yes, position?	X Yes N		High		
1 yes, position:	LOW		i ligii		
Telescoping steering wheel?_	Yes	No			
f yes, position?	Forward	Middle	Rearwa	ard	
F THERE WERE ANY TRAN	SFER MARKS PRES	SENT ON THE	STEERIN	G WHEEL, PHOTOG	RAPH THEM
Were transfer marks <u>present (</u>	clothing, makeup, etc	c.)? x N	0	Yes	
f yes, describe?					
If the SDM is located under a	eest vieusliv inenec	t for foreign obj	acte and w	rater intrusion that co	uld damage the module or its wiring.
If any exist, remove the seat a					
Any signs of water intrusion?	Yes x		iation of ti	ie area. Describe iiri	ulligs and photograph.
-	165 7	INO			
f yes, describe:					
SEAT INSPECTION (Photogra	aph damaged areas)				
Type of front seat?	Bucket Ber	nch 50	/50 Split B	ench 60/40	Split Bench
DRIVER'S SEAT INFORMAT	ION				
		V	NIa	7	
Seat damage?	Yes	X	No	Llaadraat	
f Yes, location?	Seat b		Backrest	Headrest	
Seatback struck by rear occup	pant? Yes	X	No	1	
f yes, describe:					
RIGHT FRONT PASSENGER	SEAT INFORMATION	ON			
Seat damage?	Yes	X	No		
If Yes, location?	Seat b		Backrest	Headrest	
Seatback struck by rear occup	pant? Yes	X	No	<u></u>	

Customer's last name:		Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1190003150	VIN:	1G1PC55H8C7
f yes, describe:			
Additional info regarding se damage (Front or rear):	eat		
WINDOW INSPECTION			
Note all window conditions			
RESTRAINT SYSTEM	I INSPECTION		
	Note: Do not "Clear Codes	" from the on-board compute	er(s)
f equipped, are the preten	sioners activated / deployed?	x Yes No	
"Alleged", SIR Unit(s):			
x 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:
x Driver pretensioner	x Passenger pretensioner		
	and SENSORS (IF VISIBLE)		
SIR wiring damaged?	Yes	No Describe:	
SIR sensors damaged / dis	sconnected? Yes	No Describe:w	
lf any airbag(s) deploy	ed was it the:		
Driver front airbag			
Bag material cut / torn? Transfer marks present (m		es No Describe: No Describe:	= 1
Passenger front airbag			
Bag material cut / torn?	Y	es No Describe:	
Transfer marks present (m	akeup, clothing, etc.)	es No Describe:	
Driver side airbag		and I had I become	
Bag material cut / torn? Transfer marks present (m		es No Describe: No Describe:	
Passenger side airbag			
Bag material cut / torn?		es No Describe:	
Transfer marks present (m.	akeup, clothing, etc.)	es No Describe:	

R006 F	Restraint Systems / SIR	R / Seat Belts Prelimina	ry 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?		es No Describe:	
Transfer marks present (ma	keup, clothing, etc.)	es No Describe:	
damage due to moisture/col female ends for signs of cor airbag system operation and	ny evidence that the passenger rosion. Visually inspect the carprosion. If the SDM is mounted ud, if found, inspect the area very	pet and floor pan for moisture and nder a seat, visually inspect for a carefully. Photograph as needed	sture intrusion or the SDM has incurred and the SDM electrical connector male and any foreign objects that could affect the d. g the CDR data. (See ROS Coverage
vehicles may have roll-over	protection. An "Airbag" name w		on bar on the CDR screen.) SUV-type e A and possibly B pillars of the vehicle.
OBTAIN SDM DO\IF POSSIBLE, AVO	VNLOADS FOR ALL INADVER DID CYCLING THE IGNITION I	TENT DEPLOYMENT ALLEGAT KEY ON/OFF PRIOR TO OBTAIL D TO SHOW ANY ERROR MES	TIONS NING THE DOWNLOAD
NOTE: Save the raw CDR Was the CDR download a		them as PDF type files. Submi	t all .CDRx and PDF files with report.
was the CDR download a	vailable? x Yes	INU	
If "No", describe:			
How was download obtain	x ALDL/DLC	Directly from module using	adapter harness w/ Bosch CDR
		the module removed from the verions under which the module wa	ehicle? Yes No s mounted when the download was
RESTRAINT SYSTEM IN	ISPECTION (SEAT BELTS)		
IF A COLLISION OCCURRI AT THE TIME OF COLLISION		D BE INSPECTED FOR SEAT B	ELT(S) POSITIONS OF ALL OCCUPANT
Location of inspected sea		Doggonger	
x Driver Driver's side rear		Passenger Right rear Third Row	
Dilvei s side rear	Center rear	Right rear Third Row	
	elt assembly (both outboard pos nents of the seat belt system ar		s present in the vehicle at the time of the
If equipped, are the pretens		x Yes No	
	g questions for the driver's seat Identify and photograph the foll		are inspected, use the seat belt addendun
Is the driver's seatbelt fully i	etracted? Yes	x No	
IF THE ANSWER IS NO, D	O NOT DISTURB BELTS AT TI	HIS TIME.	

Inches

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

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)?		Yes
	X	Lap
Marks, cuts or debris present on shoulder and lap belt webbing?		Yes
Webbing energy management loops (if equipped) - stitches pulled free, unfolded, replacement/warning label exposed?		Yes
Tack stitch separated from plastic sleeve?		Yes
Webbing cut?		Yes
Does guide loop assembly exhibit striations, bent, or deformed?		Yes
Does guide loop adjuster move up and down (if equipped)?	X	Yes
Does the seat belt buckle latch and unlatch?	X	Yes
Does the seat belt return to the stowed position when unbuckled?		Yes
Buckle condition (worn or foreign material present)?		Yes
Any components missing?		Yes
Does the seat belt return to the stowed position when unbuckled?		Yes
Any post-collision damage present (e.g. rescue workers)?		Yes
Is the seat belt webbing cut? (If yes, photograph and record length of pieces):		Inches

Х	No
Х	Shoulder
X	No
	No
	No
X	No

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 If No , describe:	belts being inspected appear to lock and hold properly? Yes No	
	jerk each belt inspected rapidly. (Note: Some inertia activated n this test.) Did the retractors lock?	
If No , which belts do not lock/hold?	Pretensioners on both front sides had deployed (Photos 25 – 26)	
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 per	rformed?		Yes	X	No			
Comments?								Ī
			_					
Posted speed where the incident occurred'					(m	ph)		

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.

Customer's last name:			y Inspection v2.0
		Inspection date:	06/06/2013
Vehicle brand:	Chevrolet	Year/Model:	2012/Cruze
Case #:	71-1190003150	VIN:	1G1PC55H8C7
-notograph the scene and	any property involved. Only	factual comments should be er	ntered in this section.
Section 6	СОММ	ENT OVERFLOW	
Diago was this area for ad	ditional comments from the i	anneation form. Blacco note the	e section and area that the comments
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Section 7		PORT INFORMATION	e Section and area that the comments
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			e Section and area that the comments
Section 7	OTHER RE	PORT INFORMATION	
Section 7 Check here if there According to NHT	OTHER RE was evidence of a "Fire-Relat SA, "fire" means combustion	PORT INFORMATION red" event. or burning of material in or from	m a vehicle as evidenced by flame. Th
Section 7 Check here if there According to NHT term also includes	OTHER RE was evidence of a "Fire-Relation of the service of the se	PORT INFORMATION red" event. or burning of material in or froil events and fire-related phenor	m a vehicle as evidenced <mark>b</mark> y flame. Th nena such as smoke, sparks or
Check here if there According to NHT term also includes smouldering, but of	OTHER RE was evidence of a "Fire-Relat SA, "fire" means combustion by but is not limited to, therma does not include events and p	PORT INFORMATION red" event. or burning of material in or froil events and fire-related phenor benomena associated with a new part of the control of the co	m a vehicle as evidenced by flame. Th
Check here if there According to NHT term also includes smouldering, but of	OTHER RE was evidence of a "Fire-Relation of the service of the se	PORT INFORMATION red" event. or burning of material in or froil events and fire-related phenor benomena associated with a new part of the control of the co	m a vehicle as evidenced <mark>by flame. Th</mark> nena such as smoke, sparks or
Check here if there According to NHT term also includes smouldering, but of	OTHER RE was evidence of a "Fire-Relation of the service of the se	PORT INFORMATION red" event. or burning of material in or froil events and fire-related phenor benomena associated with a new part of the control of the co	m a vehicle as evidenced <mark>b</mark> y flame. Th nena such as smoke, sparks or

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.

2012 Chevrolet Cruze 1G1PC5SHXC7 No dlr involved Dealership Contact, Title/Position

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

Best wishes, Dalia Rangel I CRS

Aditya Birla Minacs I inspired every day

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

Phone: 866-790-5600 ext. 11350 Fax: 866-480-3628 www.minacs.adityabirla.com



To paul.byrne@gm.com

СС

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.

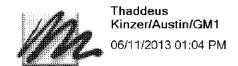
Customer 2012 Buick Verano 1G4PP5SK6(Dealership: no dealer involved Dealership Contact: n/a

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



To james.cocking@gm.com

СС

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: 2012 Chevrolet Cruze 1G1PC5SH3C7 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

СС

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.

2012 Chevrolet Cruze 1G1PF5SC3C 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