



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	
User	
Case Number	
EDR Data Imaging Date	
Crash Date	
Filename	
Saved on	
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	Most Recent Event

Comments

Dodge Ram ACM via direct connection to module at IAA Ashland KY.

Data Limitations

AIRBAG CONTROL MODULE (ACM) DATA LIMITATIONS:

GENERAL INFORMATION:

CAUTION: During Bench top imaging, make sure the ACM is not moved, tilted or turned over while connected to and powered by the CDR Interface Module. Also, after a CDR imaging process, wait 2 minutes after power is removed from the ACM before attempting to m ove the module. Not following these general ACM guidelines for bench top imaging could cause new events to be recorded in the ACM.

The ACM current fault status will be altered if the ACM is powered -up without having all of the other vehicle inputs connected (e.g., bench top imaging). This situation will occur when the CDR tool is connected directly to the ACM. This will not affect the stored fault data information in any of the Event Records. Always make a note in the CDR case comments sec tion when an ACM bench top imaging process is being performed.

The recorded Event will contain Pre-Crash data.

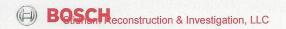
- T0 (where '0' is subscript) (-0.1 sec.) is defined as either:
 - The last sample point in the vehicle data buffer when the ACM comm anded a deployment
 - The algorithm wakeup.
 - Please note that the algorithm wakeup may be different for front, side, and roll-over events and their associated parameters.
- The VIN is captured by the ACM and then recorded as the Original VIN after 10 consecutive ignition cycles of capturing the same number. Once it
 has been recorded, this number cannot be modified.
- As the VIN may be used to determine the configuration of the restr aint system, it is imperative that the correct VIN be entered into the CDR software during the imaging process.

CDR FILE INFORMATION:

Event(s) Recovered definitions:

- None There are no stored events in the Airbag Control Module (ACM)
- Not Retrievable Event Data may be stored in the ACM but is not retrievable by the CDR tool.
- For Continental ACMs:
- Event Record 1 Data from an event is stored in the ACM (not necessarily in chron ological order)
- Event Record 2 Data from another event is stored in the ACM (not necessarily in chronological order)
- Event Record 3 Data from another event is stored in the ACM (not necessarily in chronological order) (for modules with 3 stored events)
- For all other ACMs:
- Most Recent Event Data of the most recent event is displayed in the report
- 1st Prior Event Two events are stored in the ACM, Data displayed is of the first prior event.
- 2nd Prior Event Three events are stored in the ACM, Data displayed is of the second prior event.
- Etc., (for modules with 3 to 5 stored events)

CDR RECORD INFORMATION:





The following table provides an explanation of the sign notation for data elements that may be included in this CDR report.

Data Element Name	Positive Sign Notation Indicates		
Longitudinal Acceleration	Forward		
Delta-V, Longitudinal	Forward		
Maximum Delta-V, Longitudinal	Forward		
Lateral Acceleration	Left to Right		
Delta-V, Lateral	Left to Right		
Maximum Delta-V, Lateral	Left to Right		
Normal Acceleration	Upward		
Vehicle Roll Angle	Left to Right Rotation		

- If power to the ACM is lost during an event, all or part of the event data record may not be recorded. Two scenarios may be recorded under this condition:
- "None" may be displayed in the "Event(s) Recovered" section of the report indicating no pre-crash vehicle data.
- An event may be displayed in the "Event(s) Recovered" section of the report and "Interrupted" will be displayed for Vehicle Event Recorder
- Note: For the 2010-2012 MY Dodge Journey, Dodge Grand Caravan, Chrysler Town and Country, and Chrysler Grand Voyager, "interrupted" in Vehicle Event Recorder Status/Event Recorder Status indicates eith er be a non-deployment event or an interrupted deployment event.
- For ACMs that store non-deployment events, the minimum delta V required to store an event is a delta V of 5 mph (8 km/h) within a 150 ms interval
- Definitions for Data Blocks 1 7 and Overall Data Record Complete:
 - 1. Crash Record (system status and DTCs)
 - 2. NHTSA Table #1 Vehicle System data
 - 3. NHTSA Table #1 Longitudinal delta-V
 - 4. NHTSA Table #2 Vehicle System Data
 - 5. NHTSA Table #2 Lateral delta-V will be a NO if vehicle is not equipped with side sensing
 - 6. ACM angular rate data will be a NO if vehicle is not equipped with roll-over sensing
 - 7. Other Vehicle System Data Chrysler Specific Data
 - Overall Data Record Complete Yes, No is defined based on what the specific vehicle configuration. For example, a NO may be present for a non-applicable data block but a YES may be present for overall data re cord complete as all of the applicable data is complete.
- For non-NAFTA ACMs that control pedestrian protection devices, a non-deployment event will be also stored when the pedestrian protection devices are activated.
- The Airbag Control Module Configuration indicates the inputs and o utputs that the ACM for a particular vehicle monitors and/or controls.
- "Event Number" in the System Status at Event section of the report:
- Indicates the event number per vehicle ignition cycle for:
- 2010 2012 Sebring, Avenger, Caliber, Nitro, Compass, Liberty, Patriot, Wran gler, and Ram
- Indicates the overall order of the events for all other applicable vehicles.
- "Total Number of Events Recorded" in the System Status at Event section of the report:
- Stops incrementing when each event record is recorded by the ACM for:
- 2010 2012 Sebring, Avenger, Caliber, Nitro, Compass, Liberty, Patriot, Wran gler, and Ram
- Indicates the total number of events that the ACM has recorded for all other applicable vehicles.
- "Operation System Time at Event (min)" in the System Status at Eve nt section of the report is a lifetime timer for the ACM. It indicates the amount of time, over the ACM's lifetime that the ACM has been powered up.
- "Time from Event 1 to 2 (sec)" in the System Status at Event section of the report indicates the time from t0 of the first event to t0 of the second event. If the value is greater than 5 seconds, ">5" will be displayed.
- Active Head Restraint (AHR) This refers to the active head restraint systems that are electro nically controlled by the ACM.
- For applicable vehicles, a "Yes" for a particular item in the Depl oyment Command Data section of the report indicates that the ACM commanded
 the deployment of the associated device. Note: For 2010 MY vehicles equipped with AHR, the AHR deployment will not be recorded in the
 EDR.
- Vehicle Data (Pre-Crash) is transmitted to the Airbag Control Module, by various vehicle control modules, via the vehicle's communication network.
- On 2006-2009 Ram 2500/3500, the Engine RPM recorded is limited to a maximum of 4080 RPM. On the 2008 2010 Dodge Grand Caravan, 2008-2010 Chrysler Town and Country and 2009-2010 Dodge Journey, the engine RPM resolution is 256 rpm. On all other vehicles, the resolution is 32 rpm.
- If a recorded event has Engine RPM equal to SNA and Speed, Vehicle Indicated equals SNA for each time stamp, then the data is default data and the event stored in the ACM is not valid.
- The accuracy of the recorded Speed, Vehicle Indicated will be affected if the vehicle had the tire size or the final drive axle ratio changed from the factory build specifications.
- Speed, Vehicle Indicated is reported as an average of the drive wh eels.
- On the 2008 2009 Dodge Grand Caravan, 2008-2009 Chrysler Town and Country and 2009 Dodge Journey, the vehicle speed resolution is 2 kph. On all other vehicles, the resolution is 1 kph.
- The MIL (Malfunction Indicator Lamp) Status for the various record ed systems indicates the state of the applicable malfunction indic ator lamp at the time that the data was captured. Note: Some fault codes could be stored due to component/system damage from the accident.
- For correct polarity of Maximum Delta-V Longitudinal or Maximum Delta-V Lateral, reference the graph and the table of Delta-V values.
- On vehicles equipped with ETC, "Accelerator Pedal, % Full" and "En gine Throttle, % Full" are relative values relative pedal position and relative engine throttle. These parameters may record values of less than 100% when the pedal/throttle is actually at its maximum.

NOTE: The appropriate diagnostic tool should be used to read any stored Diagnostic Trouble Codes (DTC's) in the various electronic modules (ACM,





PCM, ABS, TCM, etc., where applicable) for use in interpretation of some vehicle specific recorded data.

VEHICLE DATA DEFINITIONS:

Vehicle Event Recorder Status definitions:

- For additional definitions, please refer to the CDR Help File Glos sary
- ABS MIL (if equip.) This indicates the ABS fault indicator lamp status. It will only be "On" when there is a fault in the ABS system. The
 Electronic brake module DTC's should be read and recorded for final system interpretation.
- ESP MIL (if equip.) This indicates the ESP/BAS fault indicator lamp status. It will only be "On" when there is a fault or thermal model shutdown in the ESP system. The ESP module DTC's should be read and recorde d for final system interpretation.
- ESP Lamp (if equip.) This is the status of the ESP symbol "car with squiggly lines" indicator lamp. "On" indicates ESP has been turned off by the driver or has reduced performance and is not an indication of a fault in the system.
- ESP Lamp Flashing Requested (if equip.) If "Yes", then an ESP, Traction Control or Trailer Sway Control (if equipped) event was active at the time of data capture.
- ESP Disabled (if equip.) "Yes" indicates that ABS & ESP have been disabled by the driver or due to system performance.
- ESP Functional/Active (if equip.) "YES" indicates that the ESP system is functional and has no faults.
- Panic Brake Assist Active (if equip.) "Yes" indicates that all four of the brake circuits are under going ABS control.
- Steering Input (deg) (if equip.):
- Steering Input polarity is positive for right turns on:
 - o 2006 2007 Grand Cherokee
 - o 2006 2007 Commander
 - o 2005 2010 300, Magnum, and Charger
 - o 2008 2010 Challenger
- Steering Input polarity is negative for right turns on:
 - o All other vehicles and model years not specified above
- Yaw Rate (deg/sec) (if equip.): All vehicles have negative yaw rate when making a right turn.
- ETC Lamp Lamp "ON "indicates there is an active Electronic Throttle DTC.
- ETC Lamp Flashing If "Yes", then the ETC is in the limp-in mode.
- Engine Torque Applied If "No", then no engine torque output was applied (as in Park/Neu tral for Automatic transmissions or clutch depressed on manual or during an ESP/Traction Control event). If "Yes", the n engine torque output was applied.
- Tire 1 (2) Location (if equip.) This indicates the location of the tire pressure sensor data. De fault is used to indicate that the location of the tire
 pressure sensor is unknown or there is no tire pressure sensor in the wheel. Vehicles with Base Tire Pressure Monitoring systems will display
 SNA for both Tire Locations as these vehicles do not send actual p ressure values across the communication bus.
- Tire 1 (2) Pressure Status (if equip.)- This indicates the actual pressure status of the Tire Location de fined in the previous column. Possible values are LOW, NORMAL, HIGH, or SNA for this parameter. Vehicles with Base Tire Pressure Monitoring systems will display NORMAL even though these vehicles do not send actual pressure values across the communication bus.
- Tire 1 (2) Pressure (psi) (if equip.)- This indicates the actual tire pressure value of the Tire Location defined. Vehicles with Base Tire Pressure
 Monitoring systems will display N/A for this parameter as these vehicles do not send actual pressure values across the communication bus.
- Cruise Control System "On" indicates that the Cruise Control system is turned on.
- Cruise Control Active "Yes" indicates the Cruise Control system is actively controlling vehicle speed. "No" indicates the system is NOT controlling vehicle speed.
- (if equip.) If a parameter name is followed by the words (if equip.), then the parameter is only valid for vehicles equipped with the associate d
 parameter/vehicle system.

APPLICATION INFORMATION:

- 2005 2009 Durango's equipped with side airbags have EDR data that can be imaged by the CDR tool. Durango's not equipped with side airbags have EDR Data that might be imaged by the CDR tool and can always be imaged by the supplier.
- For 2005 & 2006 MY, some Chrysler 300, Dodge Magnum, Dodge Charger, Jeep Grand Cherokee, and Jeep Comma nder models may contain EDR data that can not be imaged by the CDR tool.
- For 2006 & 2007 MY, some PT Cruiser models may contain EDR data that can not be im aged by the CDR tool.
- EDR Data is only recorded for frontal deployments in the following vehicles:
 - 2005-2007 Durango
 - 2006-2007 Ram 1500
 - 2006-2009 Ram 2500/3500 Heavy Duty

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- 2007 Aspen, Caliber, Compass, Patriot, Nitro, Sebring, Wrangler

03001_Chrysler_r012

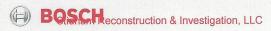




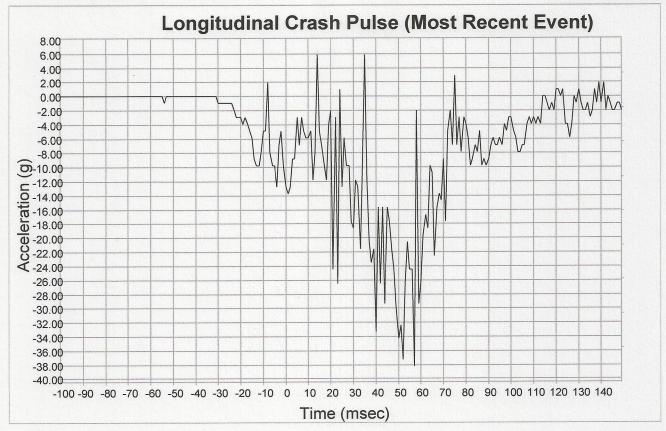
System Status at Retrieval

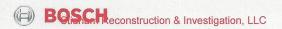
Original VIN	1D7HU18P57J564252
Airbag Control Module Part Number	04896178AC
Airbag Control Module Serial Number	TBAME3226A4869
Airbag Control Module Supplier	TRW

System Configuration at Retrieval	
Configured for Driver Seatbelt Switch	No
Configured for Front Center Seatbelt Switch	No
Configured for Front Passenger Seatbelt Switch	No
Configured for 2nd Row Left Seatbelt Switch	No
Configured for 2nd Row Center Seatbelt Switch	No
Configured for 2nd Row Right Seatbelt Switch	No
Configured for 3rd Row Left Seatbelt Switch	No
Configured for 3rd Row Center Seatbelt Switch	No
Configured for 3rd Row Right Seatbelt Switch	No
Configured for Driver Knee Airbag	No
Configured for Left Curtain #1	No
Configured for Right Curtain #1	No
Configured for Left Curtain #2	No
Configured for Right Curtain #2	No
Configured for Front Driver Seatbelt Pretensioner	Yes
Configured for Front Center Seatbelt Pretensioner	No
Configured for Front Passenger Seatbelt Pretensioner	Yes
Configured for 2nd Row Left Seatbelt Pretensioner	No
Configured for 2nd Row Center Seatbelt Pretensioner	No
Configured for 2nd Row Right Seatbelt Pretensioner	No
Configured for 3rd Row Left Seatbelt Pretensioner	No
Configured for 3rd Row Center Seatbelt Pretensioner	No
Configured for 3rd Row Right Seatbelt Pretensioner	No
Configured for Left Side Sensor #1	No
Configured for Left Side Sensor #2	No
Configured for Left Side Sensor #3	No
Configured for Right Side Sensor #1	No
Configured for Right Side Sensor #2	No
Configured for Right Side Sensor #3	No
Configured for Left Up Front Sensor	Yes
Configured for Right Up Front Sensor	Yes
Configured for Front Driver Digressive Load Limiter	No
Configured for Front Passenger Digressive Load Limiter	No
Configured for Driver Seat Track Position Sensor	Yes
Configured for Front Passenger Seat Track Position Sensor	No
Configured for Passenger Airbag Disable Switch	No
Configured for Front Passenger Occupant Classification System	No











Longitudinal Crash Pulse (Most Recent Event)

Time (msec)	Longitudinal Acceleration (g)		
-100	0.00		
-99	0.00		
-98	0.00		
-97	0.00		
-96	0.00		
-95	0.00		
-94	0.00		
-93	0.00		
-92	0.00		
-91	0.00		
-90	0.00		
-89	0.00		
-88	0.00		
-87	0.00		
-86	0.00		
-85	0.00		
-84	0.00		
-83	0.00		
-82	0.00		
-81	0.00		
-80	0.00		
-79 -70	0.00		
-78	0.00		
-77	0.00		
-76	0.00		
-75	0.00		
-74	0.00		
-73	0.00		
-72	0.00		
-71	0.00		
-70	0.00		
-69	0.00		
-68	0.00		
-67	0.00		
-66	0.00		
-65	0.00		
-64	0.00		
-63	0.00		
-62	0.00		
-61	0.00		
-60	0.00		
-59	0.00		
-58	0.00		
-57	0.00		
-56	0.00		
-55	0.00		
-54	-0.98		
-53	0.00		
-52	0.00		
-51	0.00		

Time (msec)	Longitudinal Acceleration (g)	
-50	0.00	
-49	0.00	
-48	0.00	
-47	0.00	
-46	0.00	
-45	0.00	
-44	0.00	
-43	0.00	
-42	0.00	
-41	0.00	
-40	0.00	
-39	0.00	
-38	0.00	
-37	0.00	
-36	0.00	
-35	0.00	
-34	0.00	
-33	0.00	
-32	0.00	
-31	0.00	
-30	-0.98	
-29	-0.98	
-28	-0.98	
-27	-0.98	
-26	-0.98	
-25	-0.98	
-24	-0.98	
-23	-1.96	
-22	-2.94	
-21	-2.94	
-20	-2.94	
-19	-3.92	
-18	-2.94	
-17	-3.92	
-16	-4.90	
-15	-5.88	
-14	-8.82	
-13	-9.80	
-12	-9.80	
-11	-7.84	
-10	-4.90	
-9	-4.90 1.06	
-8	1.96	
-7	-7.84	
-6	-9.80	
-5	-9.80	
-4	-12.75	
-3	-6.86	
-2	-4.90	
-1	-9.80	





Longitudinal Crash Pulse (Most Recent Event)

Time (msec)	Longitudinal Acceleration (g)		
50	-34.31		
51	-32.35		
52	-37.26		
53	-26.47		
54	-20.59		
55	-24.51		
56	-24.51		
57	-38.24		
58	-1.96		
59	-29.41		
60	-26.47		
61	-19.61		
62	-16.67		
63	-18.63		
64	-9.80		
65	-10.78		
66	-22.55		
67	-15.69		
68	-13.73		
69	-14.71		
70	-8.82		
71	-17.65		
72	-4.90		
73	-1.96		
74	-6.86		
75	2.94		
76	-6.86		
77	-2.94		
78	-7.84		
79	-2.94		
80	-3.92		
81	-5.88		
82	-9.80		
83	-8.82		
84	-6.86		
85	-7.84		
86	-4.90		
87	-9.80		
88	-8.82		
89	-9.80		
90	-8.82		
91	-6.86		
92	-5.88		
93	-6.86		
94	-6.86		
95	-5.88		
96	-6.86		
97	-3.92		
98	-4.90		
99	-2.94		

Γime (msec)	Longitudinal Acceleration (g)
100	-2.94
101	-4.90
102	-5.88
103	-7.84
104	-7.84
105	-6.86
106	-6.86
107	-3.92
108	-2.94
109	-3.92
110	-2.94
111	-3.92
112	-2.94
113	-3.92
114	0.00
115	0.00
116	-0.98
117	-1.96
117	-0.98
119	
	-1.96
120	0.98
121	0.98
122	0.00
123	0.98
124	-3.92
125	-3.92
126	-5.88
127	-3.92
128	0.00
129	-0.98
130	0.98
131	-0.98
132	-1.96
133	-1.96
134	-0.98
135	-2.94
136	-1.96
137	0.98
138	-0.98
139	1.96
140	-0.98
141	1.96
142	-1.96
143	0.00
144	-0.98
145	-1.96
146	-1.96
147	-0.98
148	-0.98

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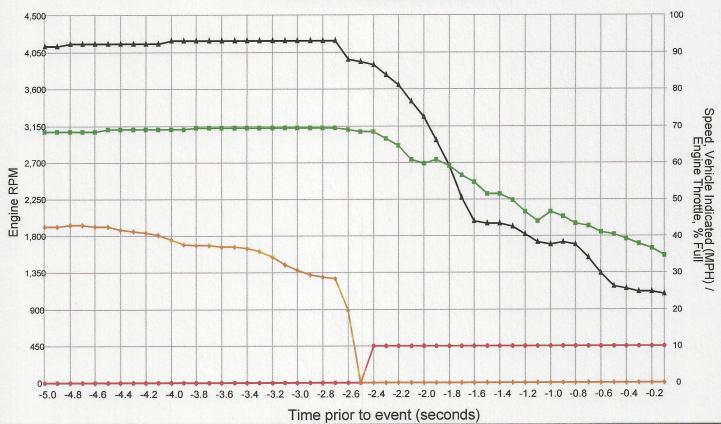
149

-1.96









★ Engine RPM

SNA values will not be plotted on the graph

♣ Speed, Vehicle Indicated (MP♣) Service Brake (0=Off/10=On) ♦ Engine Throttle, % Full

1D7HU18P57J564252

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Printed on: Friday, December 7 2012 at 15:35:45

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Travis Slone Collision





Pre-Crash Data (Most Recent Event - table 1 of 3) (the most recent sampled values are recorded prior to the event)

Time Stamp (sec)	Vehicle Event Recorder Status	Engine RPM	Speed, Vehicle Indicated (MPH [km/h])	Engine Throttle, % Full	Raw Manifold Pressure (kPa)	Service Brake	Brake Switch #2 Status
-5.0	Complete	4,128	68 [110]	42.5	93	Off	Open
-4.9	Complete	4,128	68 [110]	42.5	92	Off	Open
-4.8	Complete	4,160	68 [110]	42.9	93	Off	Open
-4.7	Complete	4,160	68 [110]	42.9	94	Off	Open
-4.6	Complete	4,160	68 [110]	42.5	93	Off	Open
-4.5	Complete	4,160	69 [111]	42.5	94	Off	Open
-4.4	Complete	4,160	69 [111]	41.7	93	Off	Open
-4.3	Complete	4,160	69 [111]	41.3	93	Off	Open
-4.2	Complete	4,160	69 [111]	40.9	94	Off	Open
-4.1	Complete	4,160	69 [111]	40.2	92	Off	Open
-4.0	Complete	4,192	69 [111]	39.0	93	Off	Open
-3.9	Complete	4,192	69 [111]	37.8	91	Off	Open
-3.8	Complete	4,192	70 [112]	37.4	92	Off	Open
-3.7	Complete	4,192	70 [112]	37.4	90	Off	Open
-3.6	Complete	4,192	70 [112]	37.0	92	Off	Open
-3.5	Complete	4,192	70 [112]	37.0	90	Off	Open
-3.4	Complete	4,192	70 [112]	36.6	91	Off	Open
-3.3	Complete	4,192	70 [112]	35.8	90	Off	Open
-3.2	Complete	4,192	70 [112]	34.3	90	Off	Open
-3.1	Complete	4,192	70 [112]	32.3	87	Off	Open
-3.0	Complete	4,192	70 [112]	30.7	85	Off	Open
-2.9	Complete	4,192	70 [112]	29.5	84	Off	Open
-2.8	Complete	4,192	70 [112]	28.7	82	Off	Open
-2.7	Complete	4,192	70 [112]	28.3	82	Off	Open
-2.6	Complete	3,968	69 [111]	19.7	76	Off	Open
-2.5	Complete	3,936	68 [110]	0.0	31	Off	Open
-2.4	Complete	3,904	68 [110]	0.0	19	On	Open
-2.3	Complete	3,776	66 [107]	0.0	16	On	Open
-2.2	Complete	3,648	65 [104]	0.0	14	On	Open
-2.1	Complete	3,456	61 [98]	0.0	15	On	Open
-2.0	Complete	3,264	60 [96]	0.0	15	On	Open
-1.9	Complete	2,976	61 [98]	0.0	15	On	Open
-1.8	Complete	2,656	59 [95]	0.0	16	On	Open
-1.7	Complete	2,272	57 [91]	0.0	17	On	Open
-1.6	Complete	1,984	55 [88]	0.0	19	On	Open
-1.5	Complete	1,952	52 [83]	0.0	22	On	Open
-1.4	Complete	1,952	52 [83]	0.0	23	On	Open
-1.3	Complete	1,920	50 [80]	0.0	24	On	Open
-1.2	Complete	1,824	47 [75]	0.0	25	On	Open
-1.1	Complete	1,728	44 [71]	0.0	25	On	Open
-1.0	Complete	1,696	47 [75]	0.0	25	On	Open
-0.9	Complete	1,728	45 [73]	0.0	26	On	Open
-0.8	Complete	1,696	43 [70]	0.0	26	On	Open
-0.7	Complete	1,536	43 [69]	0.0	26	On	Open
-0.6	Complete	1,344	41 [66]	0.0	26	On	Open
-0.5	Complete	1,184	40 [65]	0.0	26	On	Open
-0.4	Complete	1,152	39 [63]	0.0	28	On	Open
-0.4	Complete	1,120	38 [61]	0.0	29	On	Open
-0.2	Complete	1,120	37 [59]	0.0	30	On	Open
-0.2	Complete	1,088	35 [56]	0.0	30	On	Open





Pre-Crash Data (Most Recent Event - table 2 of 3)

(the most recent sampled values are recorded prior to the event)

Time Stamp (sec)	ABS MIL	ESP MIL	ESP Lamp	ESP Lamp Flashing Requested (if equip.)	ESP Functional (if equip.)
-5.0	Off	Off	Off	No	Yes
-4.9	Off	Off	Off	No	Yes
-4.8	Off	Off	Off	No	Yes
-4.7	Off	Off	Off	No	Yes
-4.6	Off	Off	Off	No	Yes
-4.5	Off	Off	Off	No	Yes
-4.4	Off	Off	Off	No	Yes
-4.3	Off	Off	Off	No	Yes
-4.2	Off	Off	Off	No	Yes
-4.1	Off	Off	Off	No	Yes
-4.0	Off	Off	Off	No	Yes
-3.9	Off	Off	Off	No	Yes
-3.8	Off	Off	Off	No	Yes
-3.7	Off	Off	Off	No	Yes
-3.6	Off	Off	Off	No	Yes
-3.5	Off	Off	Off	No	Yes
-3.4	Off	Off	Off	No	Yes
-3.4	Off	Off	Off	No	Yes
		Off	Off	No	Yes
-3.2	Off				Yes
-3.1	Off	Off	Off	No	Yes
-3.0	Off	Off	Off	No	
-2.9	Off	Off	Off	No	Yes
-2.8	Off	Off	Off	No	Yes
-2.7	Off	Off	Off	No	Yes
-2.6	Off	Off	Off	No	Yes
-2.5	Off	Off	Off	No	Yes
-2.4	Off	Off	Off	No	Yes
-2.3	Off	Off	Off	No	Yes
-2.2	Off	Off	Off	No	Yes
-2.1	Off	Off	Off	No	Yes
-2.0	Off	Off	Off	No	Yes
-1.9	Off	Off	Off	No	Yes
-1.8	Off	Off	Off	No	Yes
-1.7	Off	Off	Off	No	Yes
-1.6	Off	Off	Off	No	Yes
-1.5	Off	Off	Off	No	Yes
-1.4	Off	Off	Off	No	Yes
-1.3	Off	Off	Off	No	Yes
-1.2	Off	Off	Off	No	Yes
-1.1	Off	Off	Off	No	Yes
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-0.8	Off	Off	Off	No	Yes
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-0.6	Off	Off	Off	No	Yes
-0.5	Off	Off	Off	No	Yes
-0.4	Off	Off	Off	No	Yes
-0.3	Off	Off	Off	No	Yes
-0.2	Off	Off	Off	No	Yes
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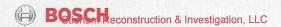
Travis Slone Collision





Pre-Crash Data (Most Recent Event - table 3 of 3) (the most recent sampled values are recorded prior to the event)

Time Stamp (sec)	Engine Torque Applied	Cruise Control System	Cruise Control Active
-5.0	Yes	Off	No
-4.9	Yes	Off	No
-4.8	Yes	Off	No
-4.7	Yes	Off	No
-4.6	Yes	Off	No
-4.5	Yes	Off	No
-4.4	Yes	Off	No
-4.3	Yes	Off	No
-4.2	Yes	Off	No
-4.1	Yes	Off	No
-4.0	Yes	Off	No
-3.9	Yes	Off	No
-3.8	Yes	Off	No
-3.7	Yes	Off	No
-3.6	Yes	Off	No
-3.5	Yes	Off	No
-3.4	Yes	Off	No
-3.3	Yes	Off	No
-3.2	Yes	Off	No
-3.1	Yes	Off	No
-3.0	Yes	Off	No
-2.9	Yes	Off	No
-2.8	Yes	Off	No
-2.7	Yes	Off	No
-2.6	Yes	Off	No
-2.5	Yes	Off	No
-2.4	Yes	Off	No
-2.3	Yes	Off	No
-2.2	Yes	Off	No
-2.1	Yes	Off	No
-2.0	Yes	Off	No
-1.9	Yes	Off	No
-1.8	Yes	Off	No
-1.7	Yes	Off	No
-1.6	Yes	Off	No
-1.5	Yes	Off	No
-1.4	Yes	Off	No
-1.3	Yes	Off	No
-1.2	Yes	Off	No
-1.2	Yes	Off	No
-1.1	Yes	Off	No
	Yes	Off	No
-0.9		Off	No
-0.8	Yes Yes	Off	No
-0.7			No
-0.6	Yes	Off	
-0.5	Yes	Off	No
-0.4	Yes	Off	No
-0.3	Yes	Off	No
-0.2	Yes	Off	No
-0.1	Yes	Off	No





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.

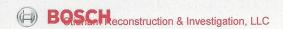
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61 E1 54 42 41 4D 45 33 32 32 36 41 34 38 36 39
61 EA 00 80 02 CO 44 01
73 E2 O7 42 4E 9B 06 FF FF 9B 0E FF FF 9B 2E FF FF 9B 2A FF FF 9B 8F FF FF D4 14 FF FF 9B 02 FF
FF 9B 0A FF FF
61 02 00 00 00 00 00
71 02 01 00 CC 01 22 38 00 04 FF FF FF FF 26 00 FF C4 00
71 02 01 01 CC 01 23 3B 00 04 FF FF FF FF 25 00 FF C4 00
71 02 01 02 CC 01 23 3D 00 05 FF FF FF FF 24 00 FF C4 00
71 02 01 03 CC 01 24 3F 00 04 FF FF FF FF 23 00 FF C4 00
71 02 01 04 CC 01 25 41 01 04 FF FF FF FF 21 00 FF C4 00
71 02 01 05 CC 01 2A 42 00 04 FF FF FF FF 20 00 FF C4 00
71 02 01 06 CC 01 30 45 00 04 FF FF FF FF 20 00 FF C4 00
71 02 01 07 CC 01 35 46 00 04 FF FF FF FF 20 00 FF C4 00
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71 02 01 09 CC 01 35 4B 01 04 FF FF FF FF 1F 00 FF C4 00
71 02 01 0A CC 01 36 47 00 04 FF FF FF FF 1F 00 FF C4 00
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71 02 01 0E CC 01 3D 53 01 04 FF FF FF FF 1B 00 FF C4 00
71 02 01 0F CC 01 3E 58 00 04 FF FF FF FF 18 00 FF C4 00
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71 02 01 11 CC 01 53 5F 00 04 FF FF FF FF 14 00 FF C4 00
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71 02 01 13 CC 01 66 60 01 04 FF FF FF FF 13 00 FF C4 00
71 02 01 14 CC 01 6C 62 00 04 FF FF FF FF 13 00 FF C4 00
71 02 01 15 CC 01 72 68 00 04 FF FF FF FF 12 00 FF C4 00
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12





71	02	01	16	CC	01	76	6В	00	05	FF	FF	FF	FF	14	00	FF	C4	00	
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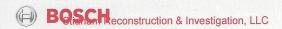


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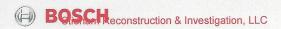


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