

Case 400 : Narrative

Case Vehicle (A): 1999 Chevrolet
Type: S10 LS, 3-door cab pickup, 4x4
Driver: 28-year-old male
CDC: 12-FREN-1, 11-LDAW-3, 12-LBMS-2

This is a fatal crash. The driver of the case vehicle sustained fatal head and brain injuries due to head contact with a tree during a left-side impact.

SITUATION

[1](#) [2](#) [3](#) [4](#) On a cloudy night, case vehicle (A) was traveling north at an unknown speed on a north-south, two-way, two-lane, unlined, asphalt road, in a rural area. The road surface was dry, it was dark and unlighted, and the speed limit was 55 mph (89 kph). It was reported that the driver was driving erratically [5](#) and the vehicle exited the west edge of the road and struck a small sign with its front. [6](#) [7](#) [8](#) [9](#) The vehicle continued 58 meters until it struck a 120-cm diameter tree with the left side. The tree impact redirected the vehicle to the right, causing the left-rear corner to scrape the tree [10](#) [11](#) and the vehicle to reenter the roadway, as indicated by a trail of vehicle fluid and gouge marks. [12](#) Case vehicle (A) came to rest on the north side of the road facing northeast. It was towed from the scene due to damage and the driver was taken to a local hospital where he was pronounced dead. A blood test revealed 0.17% blood alcohol concentration and a drug test revealed that the driver was positive for cannabinoids.

GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

[13](#) The direct damage to the front of case vehicle (A) from the impact with the sign was minor. It began 29-cm to the left of the right-front bumper corner and extended 10-cm across the front and up into the grille and the right-front corner of the hood. The maximum longitudinal crush was 2 cm and it occurred at the right side of the bumper. [14](#) Damage to the left side from impact with the large tree began at the left-front corner of the fender and extended 317-cm rearward along the left fender, into the left-side doors and the forward section of the side panel of the truck bed. The maximum lateral crush was 33 cm and it occurred at the left fender. [15](#) Damage to the left-rear corner from the scrape with the tree extended 21-cm along the top edge of the truck bed with a maximum lateral crush of 2 cm at the left-rear corner.

Using the WinSMASH crash-reconstruction program and crush profiles measured for case vehicle (A), the following impact severity was estimated for the left-side impact with the tree.

		Calculated Velocity Change - kph (mph)		
Vehicle	Variable	Total	Longitudinal	Latitudinal
Case Vehicle (A)	EBS	35 (22)	-30 (-19)	17 (11)

Case vehicle (A) was equipped with an Event Data Recorder (EDR) that recorded the non-deployment impact with the sign and the deployment impact with the tree. The EDR data also indicate that the driver seatbelt was buckled. For the non-deployment event, a maximum longitudinal velocity change of -1.32 mph at 30 ms into the event was recorded. The deployment event occurred 0.4 seconds after the non-deployment event and recorded a maximum longitudinal velocity change of -21.94 mph at 300 ms.

DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

Exterior

[16](#) [17](#) On the left side, the fender and left side of the hood were crushed to the right and into the engine compartment, and the lower section of the fender was pushed into the left-front tire. [18](#) The left-front wheel was pushed to the right and rearward into the lower portion of the A-pillar, resulting in a 28-cm reduction in the left wheelbase, and the left-front tire was cut and deflated. [19](#) The upper portion of the left A-pillar was pushed rearward into a nearly vertical orientation, [20](#) causing buckling of the roof above the driver door. The lower portion of the A-pillar was also damaged and the [21](#) direct damage continued into the driver door and sideview mirror, causing the door to be jammed closed, although it had been opened by rescue personnel to extricate the driver. [22](#) [23](#) The driver-door window frame had been removed and the door glazing was broken. [24](#) The left-rear door was crushed and jammed closed, [25](#) the C-pillar was damaged, and the forward section of the truck bed was crushed. [26](#) There was a dent in the top-rear section of the truck bed above the taillight from the scrape with the tree. [27](#) There was no damage to the left-rear wheel.

[28](#) [29](#) In the front, the right section of the bumper was dented from the impact with the sign and the left-front corner was pushed slightly to the rear. The left side of the grille was crushed to the right, both headlight assemblies were broken, the hood was bowed up in the middle, and the right side of the hood was pulled to the left. [30](#) There was a dent and a small hole in the right-front corner of the hood from direct contact with the sign. The damaged hood latch was jammed, both hood hinges were deformed but not separated, [31](#) and the rear edge of the hood was elevated on the right. [32](#) There was about 5% bond separation and a hole in the lower-left corner of the windshield, and cracks radiated vertically along the left A-pillar and [33](#) throughout the entire windshield.

[34](#) On the right side, the fender was buckled. [35](#) There was no damage to the right-side door, which was operable, [36](#) although the door glass was broken. There was no damage to the right A-, B- or C-pillars. [37](#) The truck bed was displaced slightly to the left, but there was no visible sheet-metal damage. [38](#) [39](#) There was no damage to the right-side wheels and there was no change in the right wheelbase.

[40](#) There was no damage to the rear of case vehicle (A), [41](#) and the rear sliding windows were intact.

Interior

[42](#) This vehicle was equipped with steering-wheel and dash-mounted frontal-impact airbags. [43](#) The driver airbag deployed and the [44](#) dash-mounted airbag was switched to the "off" position and did not deploy. [45](#) In the driver area, there was no damage to the steering-wheel airbag but there were bloodstains on the fabric. [46](#) There was no damage to the steering-wheel rim or hub, [47](#) [48](#) but the shear capsules were broken, allowing the steering column to rotate down and to the right. [48](#) The windshield-wiper lever on the left side of the steering column was broken. [49](#) The roof and headliner in the driver area were buckled, the left corner of the windshield header was crushed rearward, and the upper portion of the left A-pillar was deformed and displaced rearward. [50](#) There was a dense pattern of cracks in the left section of the windshield. [51](#) The upper and mid portions of the instrument panel were damaged and

displaced up and to the rear, [52](#) and the knee bolster was damaged and separated from its upper-left attachment. [53](#) The floor and toepan in the driver area were displaced to the rear [54](#) and the brake and parking-brake pedals were bent up. [55](#) The interior of the driver door and door armrest were damaged and displaced to the right, but the interior panel was not available for inspection. The driver seat was jammed in the full-rear position [56](#) and the seat was rotated up and to the left.

[57](#) In the center-front area, there was no damage to the roof, to the windshield header, or to the rearview mirror, but [58](#) cracks radiated across the center section of the windshield from the left side. The [59](#) plastic radio cover was separated from its attachments.

[60](#) In the right-front seating area, there was no damage to the roof, to the windshield header, or to the right A-pillar, but there were cracks radiating across the right portion of the windshield. [61](#) The dash-mounted airbag did not deploy as the switch was in the "off" position, and there was no damage to the airbag module or to the surrounding dash area. [62](#) The glove box was not damaged and there was no damage to floor.

[63](#) In the rear-seating/storage area, the left interior panel was cracked and the rear door glazing was broken.

The following intrusions were noted and measured:

Location	Component	Distance (cm)	Direction
left front	instrument panel	35	to rear
	door	15	to right
	A-pillar	14	to rear
	toeapan	10	to rear

OCCUPANT KINEMATICS AND INJURIES

[64](#) The 180-cm, 109-kg, (5-ft 11-in, 240-lb) 28-year-old male driver was using the available three-point belt and the steering-wheel airbag deployed during the left-side impact with the tree. [65](#) [66](#) Belt use is indicated by D-ring marks on the shoulder belt webbing, and [67](#) [68](#) [69](#) webbing load marks on the D-ring and continuous loop.

During the left-side impact with the tree, the driver moved to the left and forward relative to the vehicle interior, into the belt restraint and airbag. [8](#) [9](#) [70](#) He sustained massive and fatal head and brain injuries from head contact with the tree, including an 8x3-cm full-thickness laceration to the left temporal-parietal scalp with hemorrhage to the anterior and posterior aspects of the left scalp, a contusion of the pole and orbital aspect of the left frontal lobe with diffuse convexinal injury (white matter shearing), subarachnoid hemorrhage to the left frontal lobe, a laceration with partial disruption and intraparenchymal hemorrhage, hematoma at the basilar pons, and hinge and ring fractures to the basilar skull. He also sustained multiple abrasions and lacerations to the left side of the chest, bilateral lung contusions with hemothorax, and multiple abrasions and lacerations to the left side of the flank, [71](#) probably from contact with the interior of the driver door and/or door armrest. He sustained multiple lacerations to the left arm and left elbow, probably from broken door glass.

The following table and attached drawing [72](#) summarize the injuries for the belted-plus-airbag restrained driver.

Occupant: Driver	Age: 28 years	Gender: Male		
Restraints: 3-point belt, steering-wheel airbag	Stature: 180 cm (5 ft, 11 in)	Mass: 109 kg (240 lb)		
Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
—	—	Definite	Probable	Possible
8x3-cm full-thickness laceration to the left temporal-parietal scalp	2	Tree	—	—
Hemorrhage, anterior and posterior aspects of left scalp	2	Tree	—	—
Contusion of the pole and orbital aspects of the left frontal lobe with diffuse convexinal injury (white matter shearing)	5	Tree	—	—
Subarachnoid hemorrhage, left frontal lobe	3	Tree	—	—
Laceration with partial disruption and intraparenchymal hemorrhage and hematoma at the basilar pons	6	Tree	—	—
Hinge and ring fractures of the basilar skull	4	Tree	—	—
Multiple abrasions and lacerations, left side of chest	1	—	Driver door interior/armrest	—
Multiple abrasions and lacerations, left flank	1	—	Driver door interior/armrest	—
Multiple lacerations, left arm	1	—	Broken door glass	—
Multiple lacerations, left elbow	1	—	Broken door glass	—
Bilateral lung contusions with hemothorax	4	—	Driver door interior/armrest	—
Maximum A.I.S. Level	6	—	—	—
Injury Severity Score	75	fatal autopsy	—	—
.17 % alcohol, + cannabinoids	—	—	—	—

CASE NO.: 400

CASE VEHICLE: 1999 Chevrolet

TYPE: S10 LS, 3-door cab pickup, 4x4

OCCUPANT: (Driver) 28-year-old male

STATURE: 180 cm (5 ft, 11 in) MASS: 109 kg (240 lb)

RESTRAINTS: 3-point belt, steering-wheel airbag

SEVERITY: MAIS - 6 ISS - 75 (fatal-autopsy)
.17 % alcohol, + cannabinoids

Laceration with partial disruption and intraparenchymal hemorrhage and hematoma at the basilar pons (6)

Bilateral lung contusions with hemothorax (4)



Subarachnoid hemorrhage, left frontal lobe (3)

Hemorrhage, anterior and posterior aspects of left scalp (2)

Contusion of the pole and orbital aspects of the left frontal lobe with diffuse convexinal injury (white matter shearing) (5)

8x3-cm full-thickness laceration to the left temporal-parietal scalp (2)

Multiple lacerations, left arm and left elbow (1)

Multiple abrasions and lacerations, left side of chest and left flank (1)

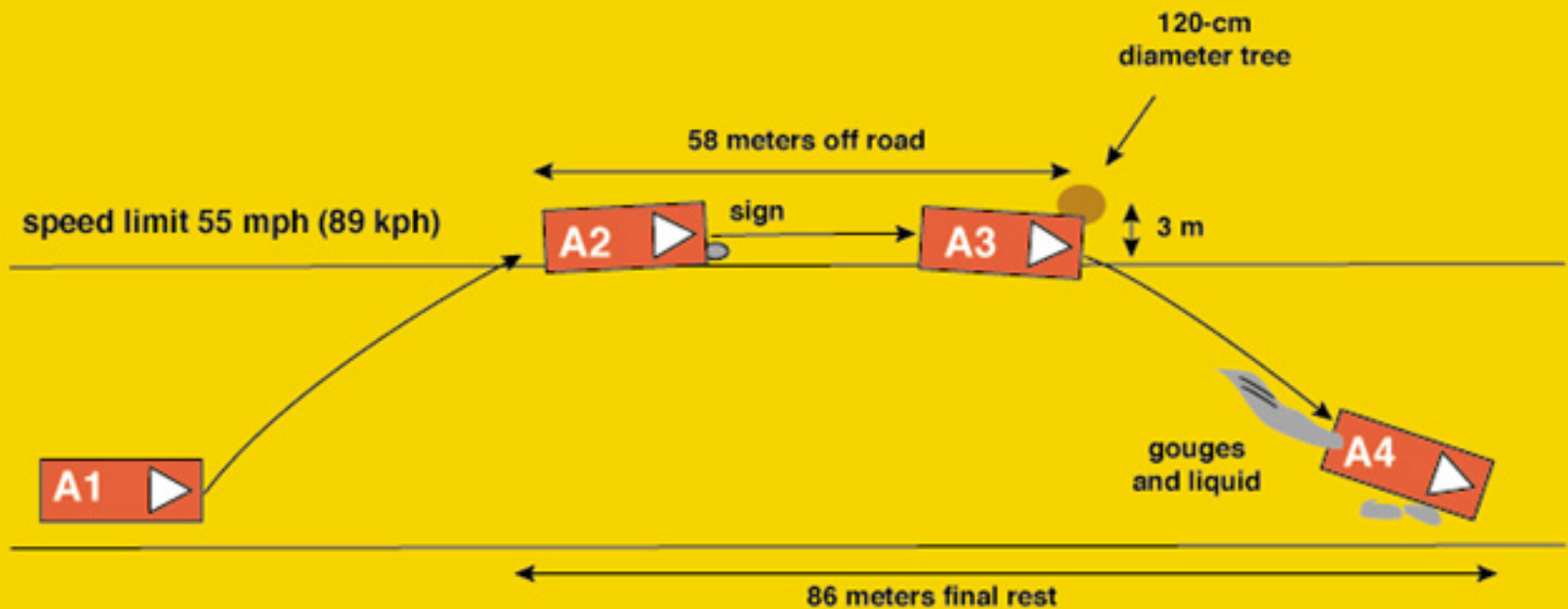
Hinge and ring fractures of the basilar skull (4)



Case No.: 400
Case Veh. (A): 1999 Chevrolet
Type: S10 LS, 3-door cab pickup, 4x4
Driver: 28-year-old male

Weather: Cloudy
Road Surface: Dry
Road Construction: Asphalt (new)
Light Condition: Dark/unlighted

NORTH →



Vehicle Report

Click on Section Name to jump directly to that Section —

- [General Conditions](#)
- [Other Vehicle](#)
- [Case Vehicle General](#)
- [Case Vehicle Damage Description](#)
- [Crash Severity](#)
- [Case Vehicle Tires & Rims](#)
- [Case Vehicle Fuel, Tank, Fire](#)
- [Case Vehicle Exterior](#)
- [Case Vehicle Steering Column/Rim](#)
- [Case Vehicle Intrusion](#)
- [Case Vehicle Airbag\(s\)](#)
- [Case Vehicle Interior](#)
- [Case Vehicle Seats](#)

General Conditions

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V206 — Urban/Rural Area	2	Rural	more
V207 — Limited Access Highway	0	No	more
V208 — Road Total Lanes	2	2 lanes	more
V209 — Intersecting Road Total Lanes	8	Not applicable	more
V210 — Road Surface Type	1	Asphalt	more
V211 — Road Defects	0	No	more
V212 — Construction Zone	0	No	more
V213 — Road Alignment Vertical Plane	1	Level	more
V214 — Road Alignment Horizontal Plane	1	Straight	more
V215 — Surface Covering	10	Dry	more
V216 — Visibility Limitation	0	None	more
V217 — Visibility Obstruction	0	None	more
V218 — Speed Limit	6	86-90 km/h .. 55 mph	more
V219 — Precipitation Type	0	None	more
V220 — Precipitation Rate	8	Not applicable	more
V221 — Temperature	9	Unknown	more

V222 — Crosswind	9	Unknown	more
V223 — Light Conditions	5	Dark, unlighted	more
V224 — Mechanical Malfunction Mention	0	No	more
V225 — Case Vehicle and Object	1	Yes	more
V226 — Case Vehicle Rollover	0	No	more
V227 — Case Vehicle Ran Off Roadway	1	Yes	more
V228 — Moving Case Vehicle/Contacted Moving Vehicle	0	No	more
V229 — Case Vehicle/Contacted Stopped Vehicle	0	No	more
V230 — Stopped Case Vehicle/Contactd Vehicle	0	No	more
V231 — Total Vehicles Hit By Case Vehicle	0	0 vehicles	more
V232 — Any Fire in Crash	0	No	more
V233 — Max Police Severity-PAR	4	K - Fatal	more
V234 — Driver Alcohol Involvement	1	Had been drinking	more
V235 — Driver Alcohol BAC	17	—	—
V236 — Driver Impairment Mention	1	Yes	more
V237 — Driven/Towed From Scene	2	Towed Due to Damage	more

Other Vehicle

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V301 — Other Vehicle VIN	none	—	—
V302 — Other Vehicle Manufacturer/Body Code	99898	—	—
V303 — Other Vehicle Manufacturer	998	No Other Vehicle	more
V304 — Other Vehicle Body Code	98	No Other Vehicle	more
V305 — Other Vehicle Make/Model	0000	No other vehicle	more
V306 — Other Vehicle Model Year	9999	No other vehicle	more
V307 — Other Vehicle Mass	999998	No other vehicle	more
V308 — Other Vehicle Number	8	No other vehicle	more
V309 — Other Vehicle Number of Occupants	98	No other vehicle	more
V310 — Other Vehicle Traveling Speed	999	Unknown	more

V311 — Highest Police Injury Severity	8	Unoccupied Vehicle	more
V312 — Other Vehicle Type	98	No Other Vehicle	more
V313 — Other Vehicle Wheelbase (cm)	998	No other vehicle	more
V314 — Average Track Width	999	Unknown	more
V315 — Overall Length	999	Unknown	more
V316 — Overall Width (OAW)	999	Unknown	more
V317 — Front Overhang (FOH)	999	Unknown	more
V318 — Rear Overhang (ROH)	999	Unknown	more
V319 — Undeformed End Width (UEW)	999	Unknown	more
V320 — Engine Displacement	9.9 l	—	—
V321 — Engine: Number of Cylinders	99	Unknown	more
V322 — Direct Damage Length (DDL)	999	Unknown	more
V323 — Front-End Overlap % (FEO)	99	Missing or Not applicable	more
V324 — Vehicle Overlap % (VOL)	99	Missing or Not applicable	more

Case Vehicle General



[Click for case vehicle figure](#)

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V401 — VIN	1GCCT19W9X81	—	—
V402 — Manufacturer/Body Code	11312	—	—
V403 — Vehicle Manufacturer	113	Chevrolet	more
V404 — Vehicle Body Code	12	—	—
V405 — Make/Model Code	2920	S-10/T-10 Pickup	more
V406 — Model Year	1999	—	—
V407 — Vehicle Mass	001686 kg	—	—
V408 — Odometer Reading	888888	—	—
V409 — Number of Occupants	01	—	—
V410 — Traveling Speed	999	Unknown	more
V411 — Body Type	32	Pickup truck (small)	more
V412 — Stolen Vehicle	8	Not currently collected	more
V413 — Body Structure	1	Body and frame	more
V414 — Transmission Type	1	Automatic	more
V415 — Transmission Lever Location	3	Column	more
V416 — Steering	1	Power	more

V417 — Brakes	1	Power	more
V418 — Brake Type	3	Disc - all wheels	more
V419 — Brake Anti-lock Device	0	None installed	more
V420 — Air Conditioning in Vehicle	8	Not currently collected	more
V421 — Drive Type	3	Four wheel	more
V422 — Dual Rear Wheels	0	No	more
V423 — Original Restraint System Type	3	Airbag	more
V424 — Equipped With Roll Bar	0	No	more
V425 — Roof Type	1	Solid	more
V426 — Wheelbase	312 cm	—	—
V427 — Anti-lacerative Glass	0	None	more
V428 — Average Track Width	142 cm	—	—
V429 — Overall Length	520 cm	—	—
V430 — Overall Width (OAW)	172 cm	—	—
V431 — Front Overhang	088 cm	—	—
V432 — Rear Overhang	120 cm	—	—
V433 — Undeformed End Width (UEW)	148 cm	—	—
V434 — Engine Displacement	4.3 l	—	—
V435 — Engine: Number of Cylinders	06	—	—
V436 — Direct Damage Length (DDL)	999	Unknown	more
V437 — Front End Overlap % (FEO)	99	Missing or Not applicable	more
V438 — Vehicle Overlap % (VOL)	99	Missing or Not applicable	more

Case Vehicle Damage Description

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V501 — Maximum Crush - Front	002 cm	—	—
V502 — Maximum Crush - Right Side	000 cm	No crush (or less than 1 cm.)	more
V503 — Maximum Crush - Rear	000 cm	No crush (or less than 1 cm.)	more
V504 — Maximum Crush - Left Side	033 cm	—	—
V505 — Maximum Crush - Roof	000 cm	No crush (or less than 1 cm.)	more
V506 — Maximum Crush - Other	000 cm	No crush (or less than 1 cm.)	more
	1		

V507 — Are Events In Chronological Order		Yes	more
V508 — Event 1 Impact Location	4	Outside Roadside right-of-way	more
V509 — Event 1 Impact Configuration	17	FRONT of case veh - object	more
V510 — Event 1 Object/Vehicle Contacted	85	Small post/tree, rural mailbox, delineator	more
V511 — Event 2 Impact Location	4	Outside Roadside right-of-way	more
V512 — Event 2 Impact Configuration	27	LEFT of case veh - object	more
V513 — Event 2 Object/Vehicle Contacted	77	Sign post, utility pole, tree	more
V514 — Event 3 Impact Location	4	Outside Roadside right-of-way	more
V515 — Event 3 Impact Configuration	27	LEFT of case veh - object	more
V516 — Event 3 Object/Vehicle Contacted	77	Sign post, utility pole, tree	more
V517 — Event 4 Impact Location	8	No 4th event	more
V518 — Event 4 Impact Configuration	88	No 4th event	more
V519 — Event 4 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V520 — Event 5 Impact Location	8	No 5th event	more
V521 — Event 5 Impact Configuration	88	No 5th event	more
V522 — Event 5 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V523 — Event 6 Impact Location	8	No 6th event	more
V524 — Event 6 Impact Configuration	88	No 6th event	more
V525 — Event 6 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V526 — Event 7 Impact On Road	8	No 7th event	more
V527 — Event 7 Impact Configuration	88	No 7th event	more
V528 — Event 7 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V529 — Primary CDC Case Vehicle -event Number	2	Event 2	more
V530 — Primary CDC Case Vehicle - impact speed	999	Unknown	more
V531 — Primary CDC Case Vehicle	1	Investigator	more

- Estimated By			
V532 — Primary CDC Case Vehicle -crush	033	—	—
V533 — Primary CDC Case Vehicle -clock #1	11	11 o'clock	more
V534 — Primary CDC Case Vehicle letter 1 #1	12	L - Left Side	more
V535 — Primary CDC Case Vehicle letter 2 #1	04	D - Distributed (Side or End)	more
V536 — Primary CDC Case Vehicle letter 3 #1	01	A - All	more
V537 — Primary CDC Case Vehicle letter 4 #1	23	W - Wide impact area	more
V538 — Primary CDC Case Vehicle Extent #1	03	Extent 3	more
V539 — Primary CDC Case Vehicle -CDC #1	11LDAW3	—	—
V541 — Primary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V542 — Primary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V543 — Primary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V544 — Primary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V545 — Primary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	more
V546 — Primary CDC Case Vehicle -CDC #2	9800000	—	—
V547 — Primary CDC Contacted Vehicle - Impact Speed	998	Not Applicable	more
V548 — Primary CDC Contacted Vehicle - Estimated By	1	Investigator	more
V549 — Primary CDC Contacted Vehicle -crush	998	Not Applicable	more
V550 — Primary CDC Contacted Vehicle -clock #1	98	Not Applicable	more
V551 — Primary CDC Contacted Vehicle letter 1 #1	00	Missing Data/Not applicable	more
V552 — Primary CDC Contacted Vehicle letter 2 #1	00	Missing Data/Not applicable	more
V553 — Primary CDC Contacted Vehicle letter 3 #1	00	Missing Data/Not applicable	more

V554 — Primary CDC Contacted Vehicle letter 4 #1	00	Missing Data/Not applicable	more
V555 — Primary CDC Contacted Vehicle Extent #1	00	Missing Data/Not applicable	more
V556 — Primary CDC Contacted Vehicle -CDC #1	9800000	—	—
V558 — Primary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V559 — Primary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V560 — Primary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V561 — Primary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V562 — Primary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	more
V563 — Primary CDC Contacted Vehicle -CDC #2	9800000	—	—
V564 — Secondary CDC Case Vehicle - Event No	1	Event 1	more
V565 — Secondary CDC Case Vehicle - Impact Speed	999	Unknown	more
V566 — Secondary CDC Case Vehicle - Estimated By	1	—	—
V567 — Secondary CDC Case Vehicle -crush	002	—	—
V568 — Secondary CDC Case Vehicle -clock #1	12	12 o'clock	more
V569 — Secondary CDC Case Vehicle letter 1 #1	06	F - Front	more
V570 — Secondary CDC Case Vehicle letter 2 #1	18	R - Right (Front or Rear)	more
V571 — Secondary CDC Case Vehicle letter 3 #1	05	E - Everything below belt line	more
V572 — Secondary CDC Case Vehicle letter 4 #1	14	N - Narrow impact area	more
V573 — Secondary CDC Case Vehicle Extent #1	01	Extent 1	more
V574 — Secondary CDC Case Vehicle -CDC #1	12FREN1	—	—
V576 — Secondary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V577 — Secondary CDC Case	00	Missing Data/Not applicable	more

Vehicle letter 2 #2			
V578 — Secondary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V579 — Secondary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V580 — Secondary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	more
V581 — Secondary CDC Case Vehicle -CDC #2	9800000	—	—
V582 — Secondary CDC Contacted Vehicle - Impact Speed	998	Not Applicable	more
V583 — Secondary CDC Contacted Vehicle - Estimated By	1	—	—
V584 — Secondary CDC Contacted Vehicle -crush	998	Not Applicable	more
V585 — Secondary CDC Contacted Vehicle -clock #1	98	Not Applicable	more
V586 — Secondary CDC Contacted Vehicle letter 1 #1	00	Missing Data/Not applicable	more
V587 — Secondary CDC Contacted Vehicle letter 2 #1	00	Missing Data/Not applicable	more
V588 — Secondary CDC Contacted Vehicle letter 3 #1	00	Missing Data/Not applicable	more
V589 — Secondary CDC Contacted Vehicle letter 4 #1	00	Missing Data/Not applicable	more
V590 — Secondary CDC Contacted Vehicle Extent #1	00	Missing Data/Not applicable	more
V591 — Secondary CDC Contacted Vehicle -CDC #1	9800000	—	—
V593 — Secondary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V594 — Secondary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V595 — Secondary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V596 — Secondary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V597 — Secondary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	more
V598 — Secondary CDC Contacted Vehicle -CDC #2	9800000	—	—

Crash Severity

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V601 — Case Vehicle Primary Impact Number	2	—	—
V602 — Primary Impact Total Delta-V	035 kph	—	—
V603 — Primary Case Vehicle Reconstructed Longitudinal Delta-V	-030 kph	—	—
V604 — Primary Case Vehicle Reconstructed Lateral Delta-V	0017 kph	—	—
V605 — Primary Case Vehicle Reconstructed Crush Energy	0085 kJ	—	—
V606 — Primary Impact Case Vehicle - reconstruction	22	Reconstructed, moderate confidence level	more
V607 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	more
V608 — Primary Contacted Vehicle Reconstructed Total Delta-V	888	N/A	more
	8888		

V609 — Primary Contacted Vehicle Reconstructed Longitudinal Delta-V			—	—
V610 — Primary Contacted Vehicle Reconstructed Lateral Delta- V	8888		—	—
V611 — Primary Contacted Vehicle Reconstructed Crush Energy	8888		—	—
V612 — Case Vehicle Secondary Impact Number	1		—	—
V613 — Secondary Case Vehicle Reconstructed Total Delta-V	888	N/A		more
V614 — Secondary Case Vehicle Reconstructed Longitudinal Delta-V	8888		—	—
V615 — Secondary Case Vehicle Reconstructed Lateral Delta- V	8888		—	—
V616 — Secondary Case Vehicle Reconstructed Crush Energy	8888		—	—
V617 —	09			

Secondary Case Vehicle Reconstruction Note		Yielding fixed object	more
V618 — Secondary Case Vehicle Reconstruction Mode	5	Not reconstructed	more
V619 — Secondary Contacted Vehicle Reconstructed Total Delta-V	888	N/A	more
V620 — Secondary Contacted Vehicle Reconstructed Longitudinal Delta-V	8888	—	—
V621 — Secondary Contacted Vehicle Reconstructed Lateral Delta-V	8888	—	—
V622 — Secondary Contacted Vehicle Reconstructed Crush Energy	8888	—	—
V623 — Case Vehicle Primary Impact Number	2	—	—
V624 — Primary Case Vehicle Reconstructed Total EBS	035 kph	—	—
V625 — Primary Case Vehicle	-030 kph		

Reconstructed Longitudinal EBS		—	—
V626 — Primary Case Vehicle Reconstructed Lateral EBS	0017 kph	—	—
V627 — Primary Case Vehicle Reconstructed Crush Energy	0085 kJ	—	—
V628 — Primary Case Vehicle Reconstruction Note	22	Reconstructed, moderate confidence level	more
V629 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	more
V630 — Primary Contacted Vehicle Reconstruction Total EBS	888	N/A	more
V631 — Primary Contacted Vehicle Reconstruction Longitudinal EBS	8888	—	—
V632 — Primary Contacted Vehicle Reconstruction Lateral EBS	8888	—	—
V633 — Primary Contacted Vehicle Reconstruction Crush Energy	8888	—	—

V634 — Case Vehicle Secondary Impact Number	1	—	—
V635 — Secondary Case Vehicle Reconstruction Total EBS	888	N/A	more
V636 — Secondary Case Vehicle Reconstruction Longitudinal EBS	8888	—	—
V637 — Secondary Case Vehicle Reconstruction Lateral EBS	8888	—	—
V638 — Secondary Case Vehicle Reconstruction Crush Energy	8888	—	—
V639 — Secondary Case Vehicle Reconstruction Note	09	Yielding fixed object	more
V640 — Secondary Case Vehicle Reconstruction Mode	5	Not reconstructed	more
V641 — Secondary Contacted Vehicle Reconstruction Total EBS	888	N/A	more
V642 — Secondary Contacted Vehicle Reconstruction Longitudinal	8888	—	—

EBS			
V643 — Secondary Contacted Vehicle Reconstruction Lateral EBS	8888	—	—
V644 — Secondary Contacted Vehicle Reconstruction Crush Energy	8888	—	—
V645 — Case Vehicle Reconstructed Impact Number	1	—	—
V646 — Case Vehicle Impact 1 Plane	1	Bumper	more
V647 — Case Vehicle Impact 1 Direct Damage Length [DDL]	010 cm	—	—
V648 — Case Vehicle Impact 1 Max Crush	002 cm	—	—
V649 — Case Vehicle Impact 1 Field-L	999	Unknown	more
V650 — Case Vehicle Impact 1 C1	999	Unknown	more
V651 — Case Vehicle Impact 1 C2	999	Unknown	more
V652 — Case Vehicle Impact 1 C3	999	Unknown	more
V653 — Case Vehicle Impact 1 C4	999	Unknown	more

V654 — Case Vehicle Impact 1 C5	999	Unknown	more
V655 — Case Vehicle Impact 1 C6	999	Unknown	more
V656 — Case Vehicle Impact 1 +/- D	9999	—	—
V657 — Case Vehicle Reconstructed Impact Number	2	—	—
V658 — Case Vehicle Impact 2 Plane	1	Bumper	more
V659 — Case Vehicle Impact 2 Direct Damage Length [DDL]	033 cm	—	—
V660 — Case Vehicle Impact 2 Max Crush	317 cm	—	—
V661 — Case Vehicle Impact 2 Field-L	317 cm	—	—
V662 — Case Vehicle Impact 2 C1	000 cm	No Crush	more
V663 — Case Vehicle Impact 2 C2	015 cm	—	—
V664 — Case Vehicle Impact 2 C3	020 cm	—	—
V665 — Case Vehicle Impact 2 C4	033 cm	—	—
V666 — Case Vehicle Impact 2 C5	033 cm	—	—

V667 — Case Vehicle Impact 2 C6	005 cm	—	—
V668 — Case Vehicle Impact 2 +/- D	0072 cm	—	—
V669 — Other Vehicle Reconstructed Impact Number	9	Unknown	more
V670 — Other Vehicle Impact 1 Plane	9	Unknown	more
V671 — Other Vehicle Impact 1 Direct Damage Length [DDL]	999	Unknown	more
V672 — Other Vehicle Impact 1 Max Crush	999	Unknown	more
V673 — Other Vehicle Impact 1 Field-L	999	Unknown	more
V674 — Other Vehicle Impact 1 C1	999	Unknown	more
V675 — Other Vehicle Impact 1 C2	999	Unknown	more
V676 — Other Vehicle Impact 1 C3	999	Unknown	more
V677 — Other Vehicle Impact 1 C4	999	Unknown	more
V678 — Other Vehicle Impact 1 C5	999	Unknown	more
V679 — Other Vehicle Impact 1 C6	999	Unknown	more

V680 — Other Vehicle Impact 1 +/- D	9999	—	—
V681 — Other Vehicle Reconstructed Impact Number	9	Unknown	more
V682 — Other Vehicle Impact 2 Plane	9	Unknown	more
V683 — Other Vehicle Impact 2 Direct Damage Length [DDL]	999	Unknown	more
V684 — Other Vehicle Impact 2 Max Crush	999	Unknown	more
V685 — Other Vehicle Impact 2 Field-L	999	Unknown	more
V686 — Other Vehicle Impact 2 C1	999	Unknown	more
V687 — Other Vehicle Impact 2 C2	999	Unknown	more
V688 — Other Vehicle Impact 2 C3	999	Unknown	more
V689 — Other Vehicle Impact 2 C4	999	Unknown	more
V690 — Other Vehicle Impact 2 C5	999	Unknown	more
V691 — Other Vehicle Impact 2 C6	999	Unknown	more
V692 — Other Vehicle Impact 2 +/- D	9999	—	—

Case Vehicle Tires & Rims

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V701 — Left Front Wheel Damaged	1	Yes	more
V702 — Right Front Wheel Damaged	0	No	more
V703 — Right Rear Wheel Damaged	0	No	more
V704 — Left Rear Wheel Damaged	0	No	more
V705 — Left Front Tire Tread Type	4	All Weather	more
V706 — Right Front Tire Tread Type	4	All Weather	more
V707 — Right Rear Tire Tread Type	4	All Weather	more
V708 — Left Rear Tire Tread Type	4	All Weather	more
V709 — Left Front Carcass Construction	3	Radial	more
V710 — Right Front Carcass Construction	3	Radial	more
V711 — Right Rear Carcass Construction	3	Radial	more
V712 — Left Rear Carcass Construction	3	Radial	more
V717 — Left Front Tire Size	31X1050R15	—	—
V718 — Right Front Tire Size	31X1050R15	—	—
V719 — Right Rear Tire Size	31X1050R15	—	—
V720 — Left Rear Tire Size	31X1050R15	—	—

Case Vehicle Fuel, Tank, Fire

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V801 — Propulsive Fuel Type	1	Gasoline	more
V802 — Main Tank Location	322	Within frame/centered laterally - within vertically	more
V803 — Main Filler Cap Location	113	Left of frame laterally - above vertically	more



V804 — Main Tank Material	9	Unknown	more
V805 — Aux Tank Type	8	Not applicable (not equipped)	more
V806 — Aux Tank Location	888	Not applicable (not equipped)	more
V807 — Aux Filler Cap Location	888	Not applicable (not equipped)	more
V808 — Aux Tank Material	8	Not applicable	more
V901 — Fuel Leakage From Crash	0	No	more
V1001 — Fire In Or On Case Vehicle	0	No	more

Case Vehicle Exterior

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V1101 — Hood Latch Released	0	No	more
V1102 — Hood Latch Damaged	1	Yes	more
V1103 — Hood Latch Jammed	1	Yes	more
V1104 — Left Hood Hinge Damaged	1	Yes	more
V1105 — Left Hood Hinge Separated	0	No	more
V1106 — Right Hood Hinge Damaged	1	Yes	more
V1107 — Right Hood Hinge Separated	0	No	more
V1108 — Hood Remained On Vehicle	1	Yes	more
V1109 — Rear Hood Edge Elevated	1	Yes	more
V1110 — Edge Contacted Windshield	1	Yes	more
V1111 — Edge Penetrated Windshield	0	No	more
V1112 — Hood Latch Location	1	Front of Vehicle	more
V1113 — Eng/Transmissn Mount Separation	0	No	more
V1114 — Steerng Column Flex Coupling	9	Unknown if equipped	more
V1115 — Steerng Column Coupling Damaged	9	Unknown	more
V1116 — Steerng Column Coupling Separated	9	Unknown	more
V1117 — Eng Comp Telescopng Unit	88	Not collected	more
V1118 — Comp Orig/Telescopd Diff	888	Not collected	more
V1119 — Left Side Body Mount Separation	0	No	more
V1120 — Upper Left A-pillar Separation	4	No separation, but damaged	more

V1121 — Lower Left A-pillar Separation	4	No separation, but damaged	more
V1122 — Upper Left B-pillar Separation	8	Not applicable (not equipped)	more
V1123 — Lower Left B-pillar Separation	8	Not applicable (not equipped)	more
V1124 — Upper Left C-pillar Separation	4	No separation, but damaged	more
V1125 — Lower Left C-pillar Separation	4	No separation, but damaged	more
V1126 — Upper Left D-pillar Separation	8	Not applicable (not equipped)	more
V1127 — Lower Left D-pillar Separation	8	Not applicable (not equipped)	more
V1128 — Left Front Door Opening Cause	0	Door did not open	more
V1129 — Left Rear Door Opening Cause	0	Door did not open	more
V1130 — Left Front Door Jammed Closed	1	Yes	more
V1131 — Left Rear Door Jammed Closed	1	Yes	more
V1132 — Rear Door Type	0	No door (includes pickups)	more
V1133 — Rear Door Opening Cause	8	Not applicable (no rear door)	more
V1134 — Rear Door Jammed Closed	8	Not applicable (no rear door)	more
V1135 — Luggage Partition Damagd	8	Not applicable	more
V1136 — Spare Tire Status	8	Not collected	more
V1137 — Trailer Hitch Type	2	Bumper mount only (e.g. light truck)	more
V1138 — Trailer Type	0	No trailer	more
V1139 — Right Side Body Mount Separation	0	No	more
V1140 — Upper Right A-pillar Separation	0	No	more
V1141 — Lower Right A-pillar Separation	0	No	more
V1142 — Upper Right B-pillar Separation	0	No	more
V1143 — Lower Right B-pillar Separation	0	No	more
V1144 — Upper Right C-pillar Separation	0	No	more

V1145 — Lower Right C-pillar Separation	0	No	more
V1146 — Upper Right D-pillar Separation	8	Not applicable (not equipped)	more
V1147 — Lower Right D-pillar Separation	8	Not applicable (not equipped)	more
V1148 — Right Front Door Opening Cause	00	Door did not open	more
V1149 — Right Rear Door Opening Cause	98	Not applicable (no right rear door)	more
V1150 — Right Front Door Jammed Closed	0	No	more
V1151 — Right Rear Door Jammed Closed	8	Not applicable (no right rear door)	more
V1152 — Van Rear Door Type	8	Not applicable (not a van)	more
V1153 — Windshield Cracked		Yes	more
V1154 — Windshield Broken	1	Yes	more
V1155 — Windshield Cracked or Broken by Occupant	0	No	more
V1156 — Bond Separation Extent	1	1 - 20%	more
V1157 — Windshield Code		—	—
V1158 — Did Sun/T Roof Open	8	Not Applicable	more

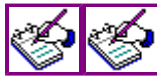
**Case Vehicle
Steering
Column/Rim**

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V1201 — Steering Wheel Rim Damage	0	None	more
V1202 — Number of Steering Wheel Spokes	4	4 spokes	more
V1203 — Steering Wheel Spoke	0		

Damage		None	more
V1204 — Column Tilt Feature	1	Yes, equipped (position unknown)	more
V1205 — Column Swing-away Feature	0	Not equipped	more
V1206 — Column Telescoping Feature	0	Not equipped	more
V1207 — Wheel Energy Absorb Device	8	Not collected	more
V1208 — Wheel Ea Orig/Damaged Diff	888	Not collected	more
V1209 — Column Energy Absorb Device	88	Not collected	more
V1210 — Column Ea Orig/Comprss Diff	888	Not collected	more
V1211 — Shear Capsule Separation	888	Not collected	more
V1212 — Column Vertical Rotation	2	Downward apparent rotation	more
V1213 — Column Lateral Rotation	2	Right apparent rotation	more
V1214 — Steering Wheel Hub Damage	0	None	more

Case Vehicle Intrusion



Click for intrusion figures

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V1301 — Occupant Compartment Intrusion	1	Yes	more
V1302 — Was Intrusion Catastrophic	0	No	more
V1303 — Intrusion Number 01	01	Intrusion #1	more
V1304 — Intrusion 01 Occupant Space Number	11	First row, Left seat	more
V1305 — Intrusion 01 Intruding Object	03	Toe pan	more
V1306 — Intrusion 01 Assoc Event Number	1	Event #1	more
V1307 — Intrusion 01 Max Intrusion X-axis	10 cm	—	—
V1308 — Intrusion 01 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1309 — Intrusion 01 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more

V1310 — Intrusion 01 Occupant Number	00	No contact or no intrusion	more
V1311 — Intrusion 01 Injury Number	00	No injury or no intrusion	more
V1312 — Intrusion 01 Occupant Number	00	No contact or no intrusion	more
V1313 — Intrusion 01 Injury Number	00	No injury or no intrusion	more
V1314 — Intrusion Number 02	02	Intrusion #2	more
V1315 — Intrusion 02 Occupant Space Number	11	First row, Left seat	more
V1316 — Intrusion 02 Intruding Object	01	Instrument panel	more
V1317 — Intrusion 02 Assoc Event Number	1	Event #1	more
V1318 — Intrusion 02 Max Intrusion X-axis	35 cm	—	—
V1319 — Intrusion 02 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1320 — Intrusion 02 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1321 — Intrusion 02 Occupant Number	00	No contact or no intrusion	more
V1322 — Intrusion 02 Injury Number	00	No injury or no intrusion	more
V1323 — Intrusion 02 Occupant Number	00	No contact or no intrusion	more
V1324 — Intrusion 02 Injury Number	00	No injury or no intrusion	more
V1325 — Intrusion Number 03	03	Intrusion #3	more
V1326 — Intrusion 03 Occupant Space Number	11	First row, Left seat	more
V1327 — Intrusion 03 Intruding Object	08	A-pillar	more
V1328 — Intrusion 03 Assoc Event Number	1	Event #1	more
V1329 — Intrusion 03 Max Intrusion X-axis	14 cm	—	—
V1330 — Intrusion 03 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1331 — Intrusion 03 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1332 — Intrusion 03 Occupant Number	00	No contact or no intrusion	more
V1333 — Intrusion 03 Injury Number	00	No injury or no intrusion	more
V1334 — Intrusion 03 Occupant	00	No contact or no intrusion	more

Number			
V1335 — Intrusion 03 Injury Number	00	No injury or no intrusion	more
V1336 — Intrusion Number 04	04	Intrusion #4	more
V1337 — Intrusion 04 Occupant Space Number	11	First row, Left seat	more
V1338 — Intrusion 04 Intruding Object	09	Door panel or side panel	more
V1339 — Intrusion 04 Assoc Event Number	1	Event #1	more
V1340 — Intrusion 04 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1341 — Intrusion 04 Max Intrusion Y-axis	15 cm	—	—
V1342 — Intrusion 04 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1343 — Intrusion 04 Occupant Number	01	Occupant number 1, contact	more
V1344 — Intrusion 04 Injury Number	07	Injury #7	more
V1345 — Intrusion 04 Occupant Number	01	Occupant number 1, contact	more
V1346 — Intrusion 04 Injury Number	08	Injury #8	more
V1347 — Intrusion Number 05	00	No Intrusion, None	more
V1348 — Intrusion 05 Occupant Space Number	00	No Intrusion, None	more
V1349 — Intrusion 05 Intruding Object	00	No Intrusion, None	more
V1350 — Intrusion 05 Assoc Event Number	0	No Intrusion, None	more
V1351 — Intrusion 05 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1352 — Intrusion 05 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1353 — Intrusion 05 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1354 — Intrusion 05 Occupant Number	00	No contact or no intrusion	more
V1355 — Intrusion 05 Injury Number	00	No injury or no intrusion	more
V1356 — Intrusion 05 Occupant Number	00	No contact or no intrusion	more
V1357 — Intrusion 05 Injury Number	99	Contact, injury unknown or data not collected	more
V1358 — Intrusion Number 06	00	No Intrusion, None	more

V1359 — Intrusion 06 Occupant Space Number	00	No Intrusion, None	more
V1360 — Intrusion 06 Intruding Object	00	No Intrusion, None	more
V1361 — Intrusion 06 Assoc Event Number	0	No Intrusion, None	more
V1362 — Intrusion 06 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1363 — Intrusion 06 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1364 — Intrusion 06 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1365 — Intrusion 06 Occupant Number	00	No contact or no intrusion	more
V1366 — Intrusion 06 Injury Number	00	No injury or no intrusion	more
V1367 — Intrusion 06 Occupant Number	00	No contact or no intrusion	more
V1368 — Intrusion 06 Injury Number	99	Contact, injury unknown or data not collected	more
V1369 — Intrusion Number 07	00	No Intrusion, None	more
V1370 — Intrusion 07 Occupant Space Number	00	No Intrusion, None	more
V1371 — Intrusion 07 Intruding Object	00	No Intrusion, None	more
V1372 — Intrusion 07 Assoc Event Number	0	No Intrusion, None	more
V1373 — Intrusion 07 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1374 — Intrusion 07 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1375 — Intrusion 07 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1376 — Intrusion 07 Occupant Number	00	No contact or no intrusion	more
V1377 — Intrusion 07 Injury Number	00	No injury or no intrusion	more
V1378 — Intrusion 07 Occupant Number	00	No contact or no intrusion	more
V1379 — Intrusion 07 Injury Number	99	Contact, injury unknown or data not collected	more
V1380 — Intrusion Number 08	00	No Intrusion, None	more
V1381 — Intrusion 08 Occupant Space Number	00	No Intrusion, None	more
V1382 — Intrusion 08 Intruding	00		

Object		No Intrusion, None	more
V1383 — Intrusion 08 Assoc Event Number	0	No Intrusion, None	more
V1384 — Intrusion 08 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1385 — Intrusion 08 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1386 — Intrusion 08 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1387 — Intrusion 08 Occupant Number	00	No contact or no intrusion	more
V1388 — Intrusion 08 Injury Number	00	No injury or no intrusion	more
V1389 — Intrusion 08 Occupant Number	00	No contact or no intrusion	more
V1390 — Intrusion 08 Injury Number	99	Contact, injury unknown or data not collected	more
V1391 — Intrusion Number 09	00	No Intrusion, None	more
V1392 — Intrusion 09 Occupant Space Number	00	No Intrusion, None	more
V1393 — Intrusion 09 Intruding Object	00	No Intrusion, None	more
V1394 — Intrusion 09 Assoc Event Number	0	No Intrusion, None	more
V1395 — Intrusion 09 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1396 — Intrusion 09 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1397 — Intrusion 09 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1398 — Intrusion 09 Occupant Number	00	No contact or no intrusion	more
V1399 — Intrusion 09 Injury Number	00	No injury or no intrusion	more
V1400 — Intrusion 09 Occupant Number	00	No contact or no intrusion	more
V1401 — Intrusion 09 Injury Number	99	Contact, injury unknown or data not collected	more
V1402 — Intrusion Number 10	00	No Intrusion, None	more
V1403 — Intrusion 10 Occupant Space Number	00	No Intrusion, None	more
V1404 — Intrusion 10 Intruding Object	00	No Intrusion, None	more
V1405 — Intrusion 10 Assoc Event Number	0	No Intrusion, None	more

V1406 — Intrusion 10 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1407 — Intrusion 10 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1408 — Intrusion 10 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1409 — Intrusion 10 Occupant Number	00	No contact or no intrusion	more
V1410 — Intrusion 10 Injury Number	00	No injury or no intrusion	more
V1411 — Intrusion 10 Occupant Number	00	No contact or no intrusion	more
V1412 — Intrusion 10 Injury Number	99	Contact, injury unknown or data not collected	more
V1413 — Door Intrusion Number 01	04	—	—
V1414 — Door Intrusion Number 01 Cause	1	Direct impact	more
V1415 — Door Intrusion Number 02	88	Not Applicable	more
V1416 — Door Intrusion Number 02 Cause	8	Not applicable	more
V1417 — Door Intrusion Number 03	88	Not Applicable	more
V1418 — Door Intrusion Number 03 Cause	8	Not applicable	more
V1419 — Door Intrusion 01 Component	88	Not Applicable	more
V1420 — Door Intrusion 01 Component Damaged 1	8	Not Applicable	more
V1421 — Door Intrusion 01 Component Damaged 2	8	Not Applicable	more
V1422 — Door Intrusion 02 Component	88	Not Applicable	more
V1423 — Door Intrusion 02 Component Damaged 1	8	Not Applicable	more
V1424 — Door Intrusion 02 Component Damaged 2	8	Not Applicable	more
V1425 — Door Intrusion 03 Component	88	Not Applicable	more
V1426 — Door Intrusion 03 Component Damaged 1	8	Not Applicable	more
V1427 — Door Intrusion 03 Component Damaged 2	8	Not Applicable	more
V1428 — Door Intrusion 04 Component	88	Not Applicable	more
V1429 — Door Intrusion 04	8		

Component Damaged 1		Not Applicable	more
V1430 — Door Intrusion 04 Component Damaged 2	8	Not Applicable	more

**Case Vehicle
Airbag(s)**



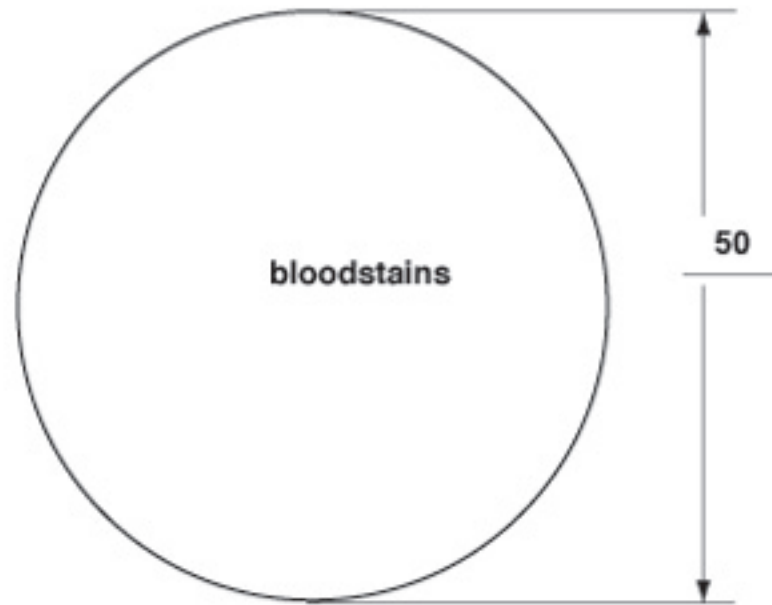
[Click for Driver airbag figure](#)



[Click for Passenger airbag
figure](#)

[Back to
Top](#)

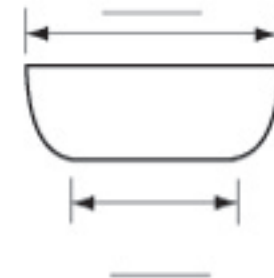
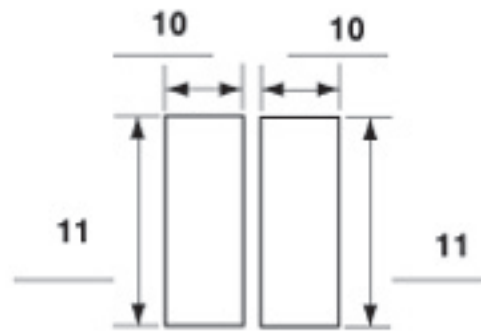
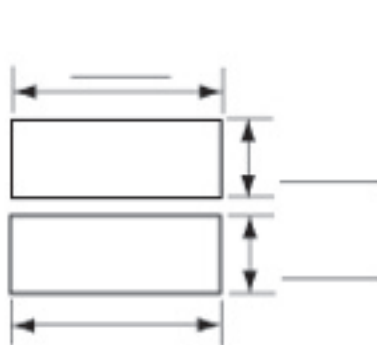
Driver Airbag



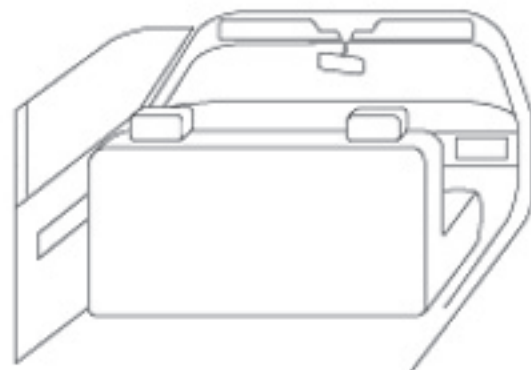
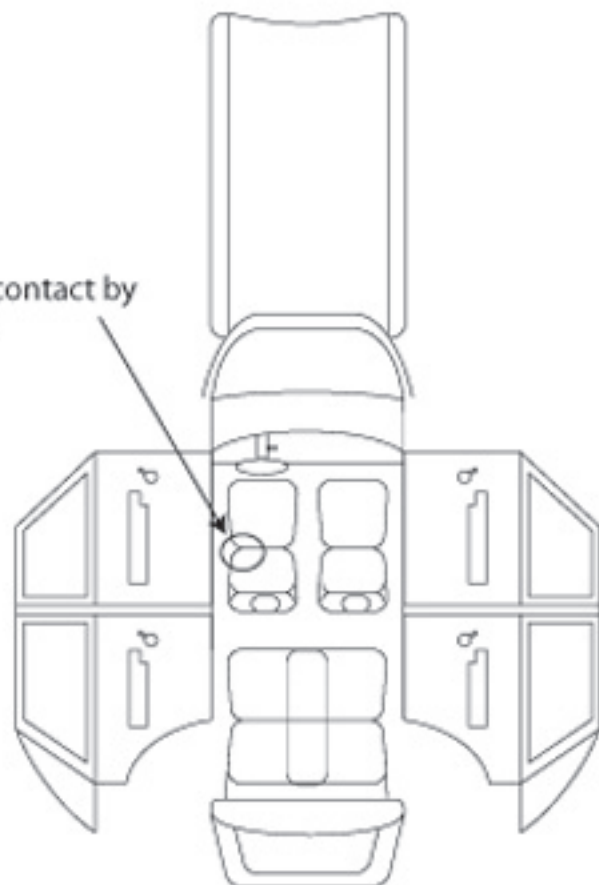
Vents: Y N
if yes, how many: 2

Tethers: Y N
if yes, how many: 1

Driver Airbag Doors



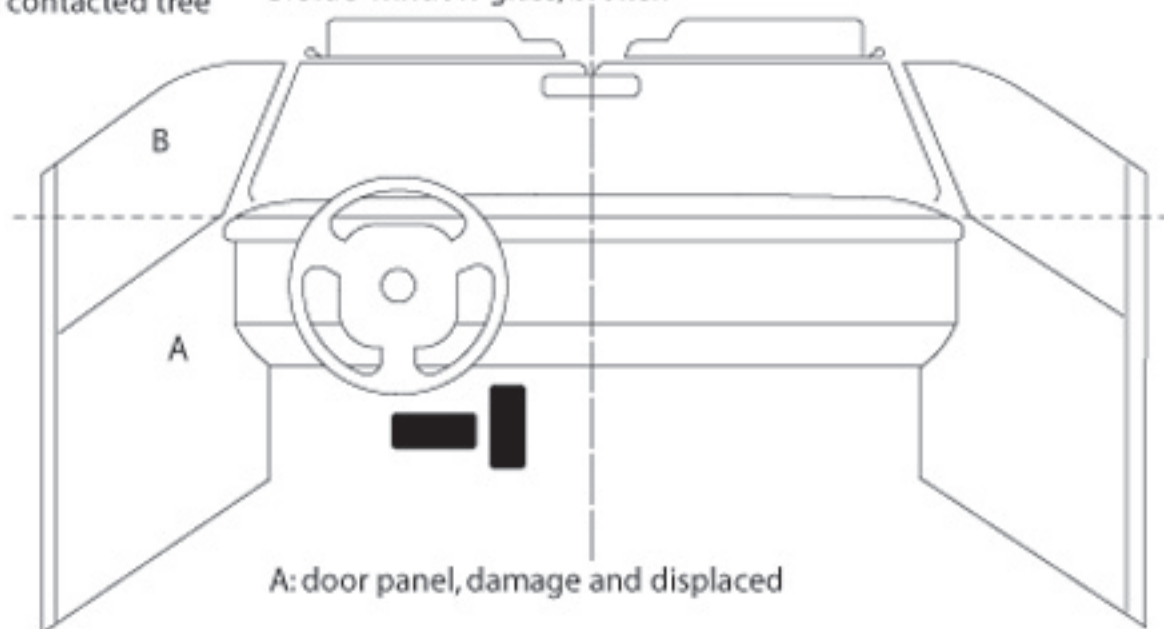
seat contact by door



Evidence of belt use - yes:
D-ring, deep gouges
Webbing at D-ring marks
Scratches on continuous loop
Belt at loop is twisted
Webbing is bloody

Driver's head
outside of window
and contacted tree

B: Side-window glass, broken



A: door panel, damage and displaced

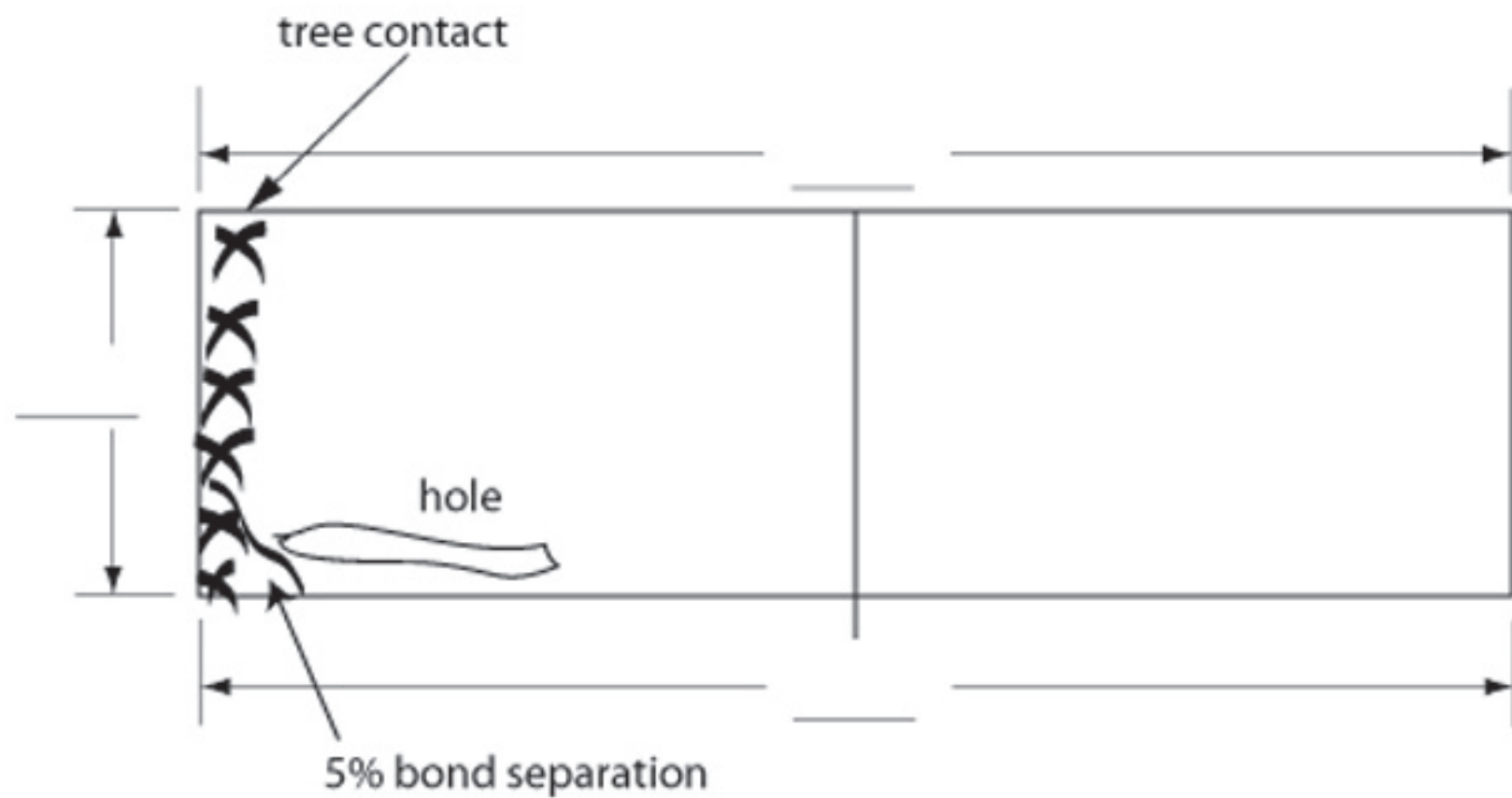
1 = Definitely 2 = Probably 3 = Possible

INTRUSION IT-1

Location of Intrusion	Intruded Component	(All Measurements Are in Centimeters)					Dominant Crush Direction
		Comparison Value	–	Intruded Value	=	Intrusion	
11	Toe pan	187	–	177	=	10	To rear
11	Instrument Panel	136	–	101	=	35	To rear
11	A-pillar	114	–	100	=	14	To rear
11	Door		–		=	15	To right
			–		=		
			–		=		
			–		=		
			–		=		
			–		=		
			–		=		
			–		=		
			–		=		
			–		=		

OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	Door	1	Body	Damage	1
B	Side-window glass	1	Head	Glass broken	1
C					
D					
E					
F					
G					
H					
I					



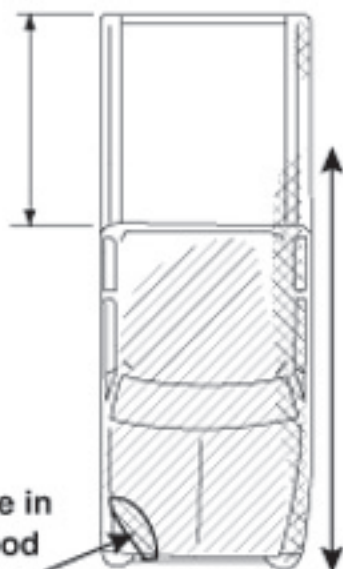
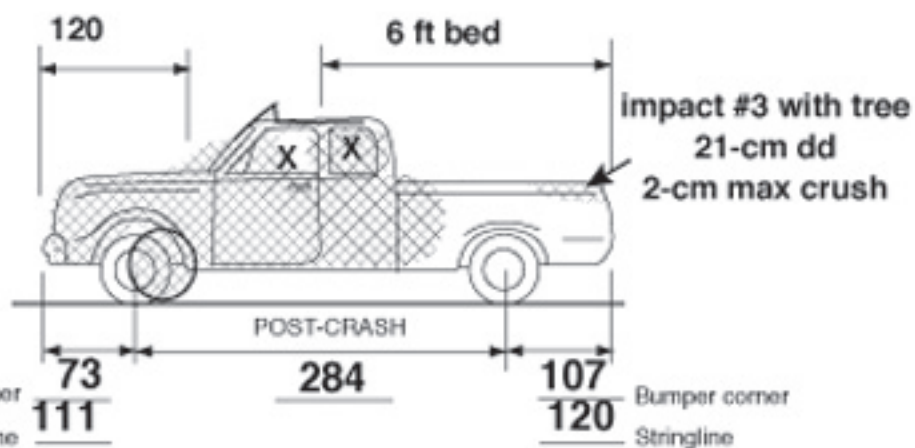
WINDSHIELD MARK ON CASE VEHICLE:

Unknown

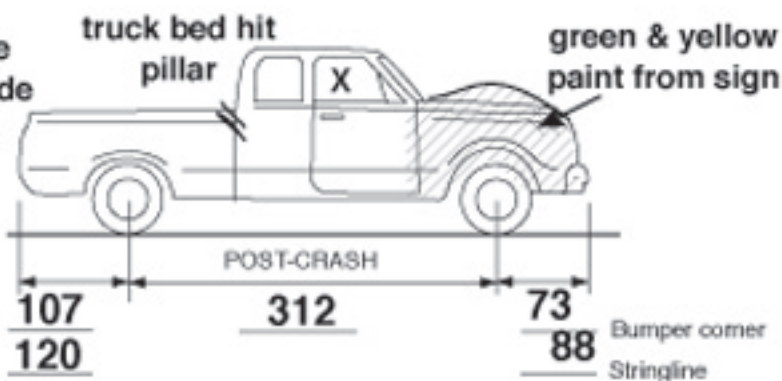
MEASUREMENTS IN CENTIMETERS



impact #1 with sign
10-cm direct damage
2-cm max crush

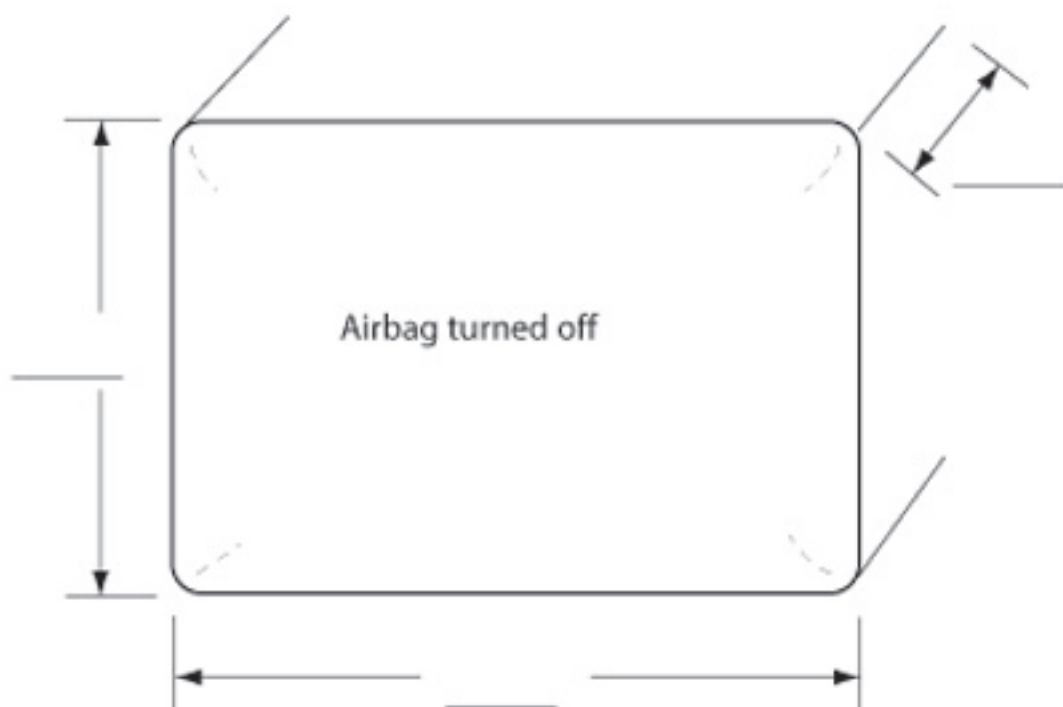


impact #2 with tree
317 cm along left side
33-cm max crush
at fender



hole in hood

Passenger Airbag

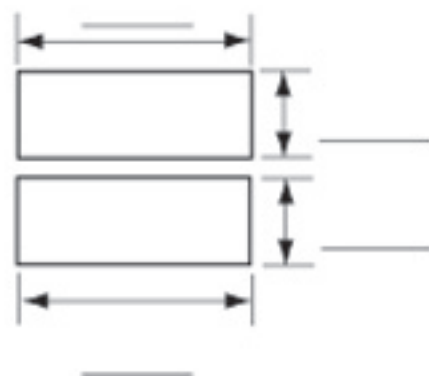


Vents: Y N
if yes, how many: _____

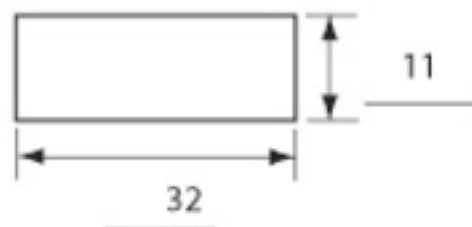
Tethers: Y N
if yes, how many: _____

Passenger Airbag Doors

H-Pattern



Single Door





FMP on
ROAD
North
19.06

tree

pole





















WARNING  **DO NOT SMOKING**
This vehicle is equipped with a power window system. The power window system is designed to operate the windows. The power window system is not designed to operate the windows if the power window system is disabled. The power window system is not designed to operate the windows if the power window system is disabled. The power window system is not designed to operate the windows if the power window system is disabled.



















BRAKE RELEASE

























 S10

THE FAT BOY RIDER

CHEVROLET

[Redacted license plate]





610

All-terrain



S10

CHEVROLET

































CHEVROLET SILVERADO

EMERGENCY











Burlington
Auto Services

[REDACTED]















ALL DE REMEMBERED

7/18/03















