

Case 473 : Narrative

Case Vehicle (A): 2003 Pontiac
Type: Sunfire SL, 2-door coupe
Driver: 47-year-old male
CDC: 12-RYES-1, 12-FYAW-3, 00-TZLN-1

SITUATION

[1](#) It was daylight and cloudy, and the T-type intersection of the two-lane dirt roads was dry and free of defects. [2](#) Case vehicle (A) was traveling south on the north-south road at an EDR-recorded speed of 72 mph (116 kph) in an un-posted 55-mph (89 kph) speed zone. [3](#) When case vehicle (A) came to the T-type intersection with the east-west road, the driver applied the brakes but the vehicle continued off the south side of the intersection, sideswiped a sign post with the right side, and struck a tree with the front end. (Note: the owner of the property had removed the tree and fixed the lawn damage before the scene inspection). Following the impact with the tree, a branch fell on the left-rear corner of the roof and on the rear window. Case vehicle (A) was towed due to damage.

The police accident report (PAR) indicates B-level injuries for the driver of case vehicle (A) who was taken by ambulance to a local hospital and held overnight for observation. The driver of case vehicle (A) had been drinking and a hospital-administered blood-alcohol test revealed a blood-alcohol level of .31%.

GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

[4](#) Damage to case vehicle (A) was moderate. [5](#) Direct damage from the sideswipe with the sign began above the center of the right-front wheel well and extended 52-cm rearward into the forward section of the right-side door, with a maximum crush of 1 cm to the right fender. [6](#) Direct damage from the frontal impact with the tree began just to the left of the center of the bumper and extended 26-cm to the left. The maximum crush was 54 cm and it occurred on the left side of the bumper. [7](#) Direct damage from the falling tree branch was a circular dent at the left-rear corner of the roof and a shattered rear window.

Using the WinSMASH crash-reconstruction program and [8](#) [9](#) [10](#) [11](#) crush values measured at the level of the bumper for case vehicle (A), the following impact severity was estimated for the frontal impact with the tree:

		Estimated Velocity Change - kph (mph)		
Vehicle	Variable	Total	Longitudinal	Latitudinal
Case Vehicle (A)	delta V	28 (17)	-28 (-17)	0 (0)

This vehicle was equipped with a downloadable Event Data Recorder (EDR) that recorded a deployment event. The EDR data indicate that the maximum pre-crash travel speed was 72 mph at five seconds before deployment, that the driver seatbelt was unbuckled, and that the dash-mounted airbag was not suppressed. Also, the throttle was at 0% and the brakes were applied at four seconds prior to

deployment. The maximum longitudinal velocity change was -15 mph at 112.5 milliseconds into the event and time from the algorithm enable to the time deployment-command criteria were met was 15 milliseconds.

DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

Exterior

[12](#) [13](#) [14](#) In the front, the center of the bumper, the upper radiator support, the radiator, and the front of the hood were crushed rearward, and the center of the hood was slightly buckled up. The hood latch was damaged and jammed closed but it had been pried open. The rear edge of the hood was slightly elevated but it did not contact the windshield, [15](#) which was cracked from internal contact by the deploying dash-mounted airbag.

[16](#) [17](#) On the left side, the forward section of the fender was detached from the bumper cover and deflected down. The front section of the driver door was dimpled in but it was closed and operational, and all the left-side glazing was intact. [18](#) [19](#) There was no other left-side damage but the left wheelbase was reduced by 4 cm.

[20](#) [21](#) In the rear, the left corner of the roof was dented from contact by the falling tree branch and the rear window was shattered. [22](#) There was no other damage to the rear of the vehicle.

[23](#) On the right side, the fender was dented between the center of the wheel well to the front edge of the door, [24](#) but the right-side door was closed and operational and all right-side glazing was intact. [25](#) There was no other right-side damage but the right wheelbase was increased by 5 cm.

Interior

This vehicle was equipped with steering-wheel and dash-mounted frontal-impact airbags and [26](#) [27](#) both deployed during the frontal impact with the tree. In the driver area, there was no damage to the deployed steering-wheel airbag [28](#) but there were drops of blood on the back of the airbag. [29](#) [30](#) [31](#) [32](#) There was no damage to the airbag module cover/flaps or to the [33](#) steering-wheel rim and spokes, [34](#) but the plastic on the upper-left side of the steering-wheel hub was cracked or torn. [35](#) There was no rotation of the steering column. [36](#) [37](#) There was hair on the left side of the roof liner, [38](#) there was a scuffmark on the roof liner near the junction with the upper section of the left A-pillar, and [39](#) there were cigarette ashes on the upper section of the A-pillar. [40](#) [41](#) There was a scuffmark on the left edge of the lower instrument panel [42](#) [43](#) [44](#) [45](#) but there was no other damage in the driver seating area.

[46](#) In the center-front area, the rearview mirror was displaced from the windshield and [47](#) the windshield was cracked to the left and below the rearview mirror. [48](#) There was no other damage in the center-front area.

In the right-front seating area, [27](#) there was no damage to the deployed dash-mounted airbag [49](#) [50](#) [51](#) [52](#) or to the airbag module cover, but there was dried blood on the lower-right corner of the airbag fabric. [53](#) There was a horizontal line of spider-web cracks in the lower portion of the windshield from contact by the deploying dash-mounted airbag. [54](#) There was no other damage in the right-front seating area and there were no intrusions into occupant space.

OCCUPANT KINEMATICS AND INJURIES

[55](#) The 188-cm, 71-kg (6-ft 2-in, 157-lb), 47-year-old male driver was not using the three-point belt but [56](#) the steering-wheel airbag deployed. [57](#) There were no loading marks on the D-ring and the EDR data indicate that the driver was unbelted at the time of the crash.

During the frontal impact, the driver moved forward relative to the vehicle interior, into the airbag and knee bolster, and then off the airbag to the left into the upper portion of the left A-pillar and roof liner. He sustained a concussion with a loss of consciousness, an abrasion to the left side of the forehead, and cervical strain, probably from head contact with the roof liner and/or the left A-pillar, as evidenced by a hair deposit and a scuffmark. He sustained a sprain and a contusion to the right elbow from an unknown source. He sustained a contusion to the abdomen, probably from contact with the lower steering-wheel rim. He sustained lumbar strain, probably from non-contact impact forces and muscle tensing, and he sustained an abrasion to the right leg, probably from contact with the knee bolster.

The following table and [58](#) drawing summarize the injuries for the driver of case vehicle (A).

Occupant: Driver	Age: 47 years	Gender: Male		
Restraints: Steering-wheel airbag	Stature: 188 cm (6 ft, 2 in)	Mass: 71 kg (157 lb)		
Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
—	—	—	—	—
Concussion with loss of consciousness	2	—	Roof liner/upper A-pillar	—
Abrasion, left side of forehead	1	—	Roof liner/upper A-pillar	—
Cervical strain	1	—	Roof liner/upper A-pillar	—
Sprain and contusion, right elbow	1	Unknown	—	—
Contusion, abdomen	1	—	Steering wheel	—
Lumbar strain	1	—	Non-contact impact forces; muscle tensing	—
Abrasion, right leg	1	—	Knee bolster	—
Blood alcohol concentration = .314	—	—	—	—
Maximum A.I.S. Level	2	—	—	—
Injury Severity Score	6	—	—	—

CASE NO.: 473

CASE VEHICLE: 2003 Pontiac

TYPE: Sunfire SL, 2-door coupe

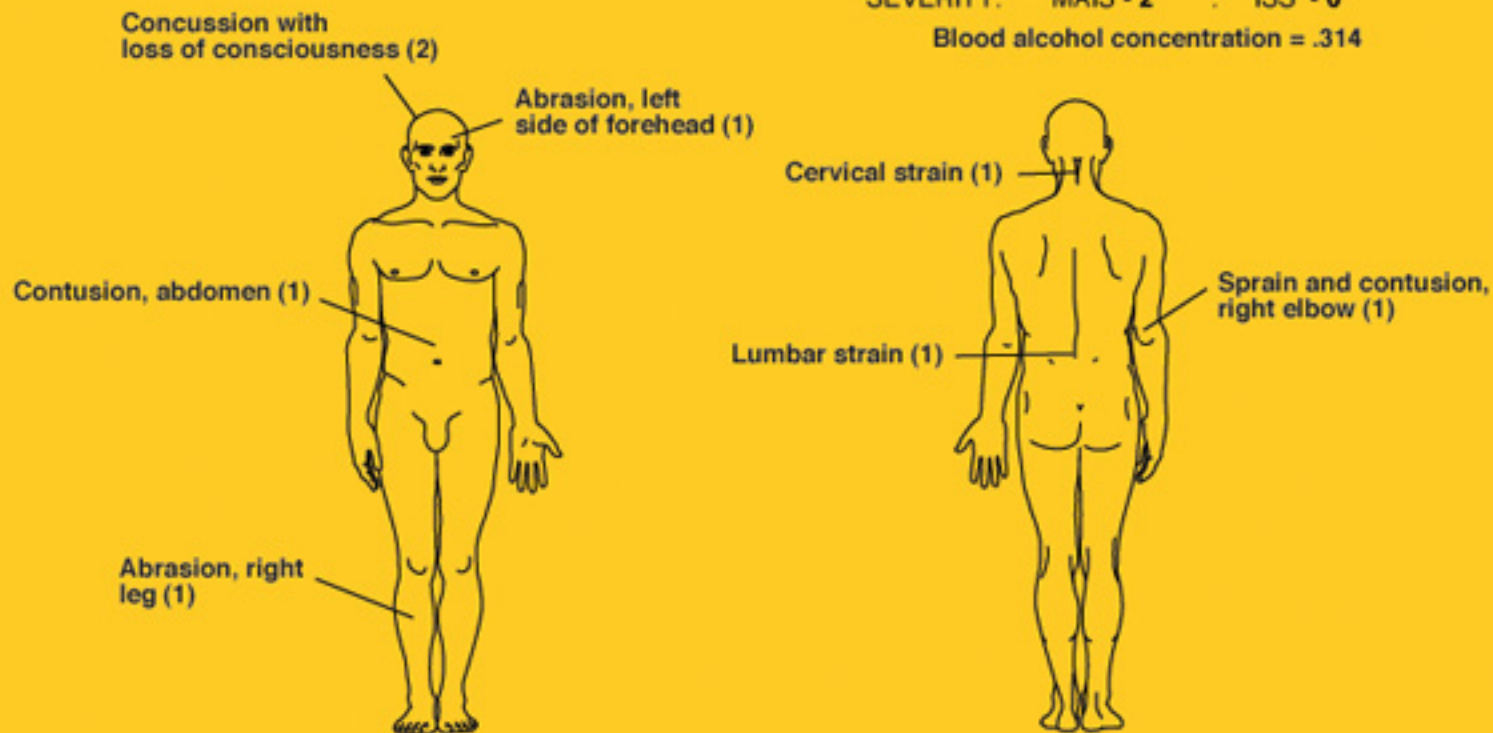
OCCUPANT: Driver: 47-year-old male

STATURE: 188 cm (6 ft, 2 in) MASS: 71 kg (157 lb)

RESTRAINTS: Steering-wheel airbag

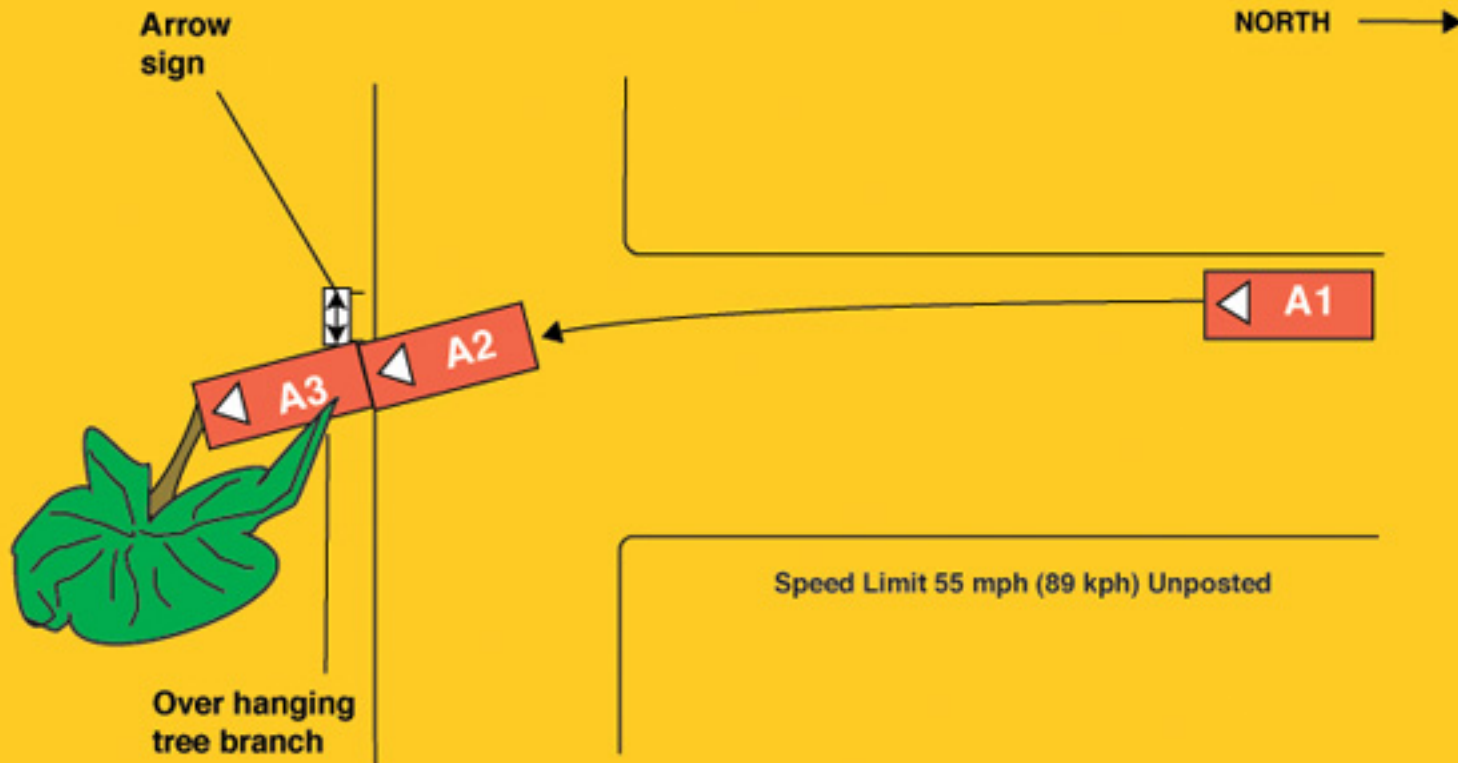
SEVERITY: MAIS - 2 : ISS - 6

Blood alcohol concentration = .314



Case No.: 473
Case Veh. (A): 2003 Pontiac
Type: Sunfire SL, 2-door coupe
Driver: 47-year-old male

Light Conditions: Daylight
Weather: Cloudy
Road Surface: Dry
Road Construction: Gravel/Dirt



473: Vehicle Report

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General Information

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V0204	Collision Hour	1425	Time of day (24 hour clock)	more
V0205	State Fips Code	26	Michigan	more
V0206	Urban/rural Area	2	Rural	more
V0207	Limited Access Highway	0	No	more
V0208	Road Total Lanes	2	2 lanes	more
V0209	Intersect Road Total Lanes	2	2 lanes	more
V0210	Trafficway Flow	0	Not physically divided - two way traffic	more
V0211	Road Surface Type	3	Gravel	more
V0212	Road Defects	0	No	more
V0213	Construction Zone	0	No	more
V0214	Road Alignment Vertical Plane	1	Level	more

V0215	Road Alignment Horizontal Plane	3	T-shaped	more
V0216	Surface Covering	10	Dry	more
V0217	Visibility Limitation	0	None	more
V0218	Visibility Obstruction	0	None	more
V0219	Speed Limit	6	86-90 km/h .. 55 mph	more
V0220	Precipitation Type	0	None	more
V0221	Precipitation Rate	8	Not applicable	more
V0222	Temperature	9	Unknown	more
V0223	Crosswind	9	Unknown	more
V0224	Light Conditions	1	Daylight	more
V0225	Mechanical Malfunction Mention	0	No	more
V0226	Case Vehicle And Object	3	Yes, non-fixed object off-road	more
V0227	Case Vehicle Rollover	0	No	more
V0228	Rollover Location	0	No rollover	more
V0229	Roll Direction	0	No rollover	more
V0230	Rollover Initiation Type	0	No rollover	more
V0231	Rollover Number Of Turns	0	No rollover	more
V0232	Case Vehicle Preimpact Braking	1	Yes	more
V0233	Case Vehicle Preimpact Stability	1	Case vehicle tracking before impact	more
V0234	Case Vehicle Ran Off Roadway	1	Yes	more
V0235	Moving Case Vehicle Contacted Moving Vehicle	0	No	more
V0236	Case Vehicle Contacted Stopped Vehicle	0	No	more
V0237	Stopped Case Vehicle Contacted Vehicle	0	No	more
V0238	Total Vehicles Hit By Case Vehicle	0	0 vehicles	more
V0239	Any Fire In Crash?	0	No	more
V0240	Maximum Police Severity-acc	2	B - Non-Incapacitating Injury	more
V0241	Driver Alcohol Involvmnt	1	Had been drinking	more
V0242	Driver Alcohol BAC (Case Vehicle)	0.31	Actual BAC	more
V0243	Driver Impairment Mention	1	Yes	more
V0244	Driver Distraction	01	Attentive or not distracted	more

V0245	Driver Drug Involvement	0	None	more
V0246	Driver Drug Type	0	No drug use	more
V0247	Driven/towed From Scene	2	Towed Due to Damage	more

Other Vehicle

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V0301	Other Vehicle VIN	0 xxxxxxx	Click for Contacted Vehicle figure	more
V0302	Other Vehicle Manufacturer/Body Code	99898	—	—
V0303	Other Vehicle Manufacturer	998	Unknown Other Vehicle	more
V0304	Other Vehicle Body Code	98	No Other Vehicle	more
V0305	Other Vehicle Make/model	0000	No other vehicle	more
V0306	Other Vehicle Model Year	0000	No Other Vehicle	more
V0307	Other Vehicle Mass	000000 kg	No Other Vehicle	more
V0308	Other Vehicle Number	8	No other vehicle	more
V0309	Other Vehicle Number of Occupants	98	No Other Vehicle	more
V0310	Other Vehicle Traveling Speed	990	No Other Vehicle	more
V0311	Highest Police Injury Severity	9	Unknown	more
V0312	Other Vehicle Type	99	Unknown	more
V0313	Other Vehicle Wheelbase in Centimeters	999	Unknown wheelbase	more
V0314	Other Vehicle Average Track Width	999	Unknown	more
V0315	Other Vehicle Overall Length	999	Unknown	more
V0316	Other Vehicle Overall Width (OAW)	999	Unknown	more
V0317	Other Vehicle Front Overhang	999	Unknown	more
V0318	Other Vehicle Rear Overhang	999	Unknown	more
V0319	Other Vehicle Undeformed End Width (UEW)	999	Unknown	more
V0320	Other Vehicle Engine Displacement	9.9	Unknown	more
V0321	Other Vehicle Engine: Number of Cylinders	99	Unknown	more

V0322	Other Vehicle Direct Damage Length (DDL)	999	Unknown	more
V0323	Other Vehicle Front-End Overlap	99	Missing or Not applicable	more
V0324	Other Vehicle - Vehicle Overlap	99	Missing or Not applicable	more

Case Vehicle General

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V0401	VIN	1G2JB12F93XXXXXX	Click for Case Vehicle figure	more
V0402	Manufacturer/Body Code	11527	—	—
V0403	Vehicle Manufacturer	115	Pontiac	more
V0404	Vehicle Body Code	27	Compact 100-104.9 in. wb.	more
V0405	Make/model Code	0352	Sunfire	more
V0406	Model Year	2003	Model year	more
V0407	Vehicle Mass	001182 kg	Mass (Kg)	more
V0408	Odometer Reading	888888	—	—
V0409	Number of Occupants	01	1 occupant	more
V0410	Traveling Speed	116 kph	Speed (km/h)	more
V0411	Body Type	12	2-door sedan or coupe (any upper B-pillar)	more
V0412	Stolen Vehicle	8	Not currently collected	more
V0413	Body Structure	2	Unitized	more
V0414	Transmission Type	1	Automatic	more
V0415	Transmission Lever Location	2	Console	more
V0416	Steering	1	Power	more
V0417	Brakes	1	Power	more
V0418	Brake Type	2	Disc - front wheels	more
V0419	Adjustable Pedals?	0	No	more
V0420	Brake Anti-lock Device	2	Four-wheel	more
V0421	Air Conditioning in Vehicle	8	Not currently collected	more
V0422	Drive Type	2	Front wheel	more
V0423	Dual Rear Wheels	0	No	more
V0424	Original Restraint System Type	3	Air bag	more

V0425	Equipped With Roll Bar	0	No	more
V0426	Roof Type	4	Sun roof closed	more
V0427	Case Vehicle Wheelbase in Centimeters	264 cm	Actual Wheelbase	more
V0428	Anti-lacerative Glass	8	Not Collected	more
V0429	Case Vehicle average track Width	145 cm	actual measurement (cm)	more
V0430	Case Vehicle Overall Length	462 cm	actual measurement (cm)	more
V0431	Case Vehicle Overall Width (OAW)	174	actual measurement (cm)	more
V0432	Case Vehicle Front Overhang	100 cm	actual measurement (cm)	more
V0433	Case Vehicle Rear Overhang	098 cm	actual measurement (cm)	more
V0434	Case Vehicle Undeformed End Width (UEW)	135 cm	actual measurement (cm)	more
V0435	Case Vehicle Engine Displacement	2.2 l	Liters	more
V0436	Case Vehicle Engine: Number of Cylinders	04	number of cylinders	more
V0437	Case Vehicle Direct Damage Length (DDL)	999	Unknown	more
V0438	Case Vehicle Front-end Overlap	99	Missing or Not applicable	more
V0439	Case Vehicle - Vehicle Overlap	99	Missing or Not applicable	more

Case Vehicle Damage Description

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V0501	Maximum Sheet Metal Crush - Front	054 cm	Depth of Crush (cm)	more
V0502	Maximum Sheet Metal Crush - Right Side	001 cm	Depth of Crush (cm)	more
V0503	Maximum Sheet Metal Crush - Rear	000 cm	No Crush (or less than 1 cm.)	more
V0504	Maximum Sheet Metal Crush - Left Side	000 cm	No Crush (or less than 1 cm.)	more

V0505	Maximum Sheet Metal Crush - Roof	001 cm	Depth of Crush (cm)	more
V0506	Maximum Sheet Metal Crush - Other	000 cm	No Crush (or less than 1 cm.)	more
V0507	Seq In Chronological Ord	1	Yes	more
V0508	Event 1 -impact Location	2	Shoulder/Median/Gore	more
V0509	Event 1 -Impact Configuration	46	RIGHT of case veh - SIDESWIPE by contacted veh	more
V0510	Event 1 -Object/Vehicle Contactd	77	Sign post, utility pole, tree	more
V0511	Event 2 -impact Location	3	On Roadside	more
V0512	Event 2 -Impact Configuration	17	FRONT of case veh - object	more
V0513	Event 2 -Object/Vehicle Contactd	77	Sign post, utility pole, tree	more
V0514	Event 3 -impact Location	3	On Roadside	more
V0515	Event 3 -Impact Configuration	57	Case vehicle - object - other configuration	more
V0516	Event 3 -Object/Vehicle Contactd	77	Sign post, utility pole, tree	more
V0517	Event 4 -impact Location	8	No 4th event	more
V0518	Event 4 -Impact Configuration	88	No 4th event	more
V0519	Event 4 -Object/Vehicle Contactd	00	No object/vehicle contacted	more
V0520	Event 5 -impact Location	8	No 5th event	more
V0521	Event 5 -Impact Configuration	88	No 5th event	more
V0522	Event 5 -Object/Vehicle Contactd	00	No object/vehicle contacted	more
V0523	Event 6 -impact Location	8	No 6th event	more
V0524	Event 6 -Impact Configuration	88	No 6th event	more
V0525	Event 6 -Object/Vehicle Contactd	00	No object/vehicle contacted	more
V0526	Event 7 -impact Location	8	No 7th event	more
V0527	Event 7 -Impact Configuration	88	No 7th event	more
V0528	Event 7 -Object/Vehicle Contactd	00	No object/vehicle contacted	more
V0529	Primary CDC Case Vehicle - event Number	2	Event 2	more

V0530	Primary CDC Case Vehicle - Impact Speed (kph)	999	Unknown	more
V0531	Primary CDC Case Vehicle-estimatr	1	Investigator	more
V0532	Primary CDC Case Vehicle - Crush (CM)	054	Crush measurements in cm	more
V0533	Primary CDC Case Vehicle-clock #1	12	12 o'clock	more
V0534	Primary CDC Case Vehicle-Letter 1 #1	06	F - Front	more
V0535	Primary CDC Case Vehicle-Letter 2 #1	25	Y - Side or end (F + P or L + C)	more
V0536	Primary CDC Case Vehicle-Letter 3 #1	01	A - All	more
V0537	Primary CDC Case Vehicle-Letter 4 #1	23	W - Wide impact area	more
V0538	Primary CDC Case Vehicle Extent #1	03	Extent 3	more
V0539	Primary CDC - Contacted Vehicles Assoc CDC - CDC #1	12FYAW3	—	—
V0540	Primary CDC Case Vehicle-clock #2	98	Not Applicable	more
V0541	Primary CDC Case Vehicle-Letter 1 #2	00	Missing Data/Not applicable	more
V0542	Primary CDC Case Vehicle-Letter 2 #2	00	Missing Data/Not applicable	more
V0543	Primary CDC Case Vehicle-Letter 3 #2	00	Missing Data/Not applicable	more
V0544	Primary CDC Case Vehicle-Letter 4 #2	00	Missing Data/Not applicable	more
V0545	Primary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	more
V0546	Primary CDC - Case Vehicle Assoc CDC - CDC #2	9800000	—	—
V0547	Primary CDC Contacted Vehicle - Impact Speed (kph)	998	Not Applicable	more
V0548	Primary CDC Contacted Vehicle-estimator	8	Not applicable (no vehicle/no impact)	more
V0549	Primary CDC Contacted Vehicle - Crush (CM)	998	Not Applicable	more
V0550	Primary CDC Contacted Vehicle-clock #1	98	Not Applicable	more

V0551	Primary CDC Contacted Vehicle-Letter 1 #1	00	Missing Data/Not applicable	more
V0552	Primary CDC Contacted Vehicle-Letter 2 #1	00	Missing Data/Not applicable	more
V0553	Primary CDC Contacted Vehicle-Letter 3 #1	00	Missing Data/Not applicable	more
V0554	Primary CDC Contacted Vehicle-Letter 4 #1	00	Missing Data/Not applicable	more
V0555	Primary CDC Contacted Vehicle Extent #1	00	Missing Data/Not applicable	more
V0556	primary CDC - Contacted Vehicles Assoc CDC - CDC #1	9800000	—	—
V0557	Primary CDC Contacted Vehicle-clock #2	98	Not Applicable	more
V0558	Primary CDC Contacted Vehicle-Letter 1 #2	00	Missing Data/Not applicable	more
V0559	Primary CDC Contacted Vehicle-Letter 2 #2	00	Missing Data/Not applicable	more
V0560	Primary CDC Contacted Vehicle-Letter 3 #2	00	Missing Data/Not applicable	more
V0561	Primary CDC Contacted Vehicle-Letter 4 #2	00	Missing Data/Not applicable	more
V0562	Primary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	more
V0563	Primary CDC - Contacted Vehicles Assoc CDC - CDC #2	9800000	—	—
V0564	Secondary CDC Case Vehicle-event No	1	Event 1	more
V0565	Secondary CDC Case Vehicle - Impact Speed (kph)	999	Unknown	more
V0566	Secondary CDC Case Vehicle-estimator	1	Investigator	more
V0567	Secondary CDC Case Vehicle - Crush (CM)	001	Crush measurements in cm	more
V0568	Secondary CDC Case Vehicle-clock #1	12	12 o'clock	more
V0569	Secondary CDC Case Vehicle-Letter 1 #1	18	R - Right Side	more
V0570	Secondary CDC Case Vehicle-Letter 2 #1	25	Y - Side or end (F + P or L + C)	more
V0571	Secondary CDC Case Vehicle-Letter 3 #1	05	E - Everything below belt line	more

V0572	Secondary CDC Case Vehicle-Letter 4 #1	19	S - Sideswipe	more
V0573	Secondary CDC Case Vehicle Extent #1	01	Extent 1	more
V0574	Secondary CDC - Case Vehicle Assoc CDC - CDC #1	12RYES1	—	—
V0575	Secondary CDC Case Vehicle-clock #2	98	Not Applicable	more
V0576	Secondary CDC Case Vehicle-Letter 1 #2	00	Missing Data/Not applicable	more
V0577	Secondary CDC Case Vehicle-Letter 2 #2	00	Missing Data/Not applicable	more
V0578	Secondary CDC Case Vehicle-Letter 3 #2	00	Missing Data/Not applicable	more
V0579	Secondary CDC Case Vehicle-Letter 4 #2	00	Missing Data/Not applicable	more
V0580	Secondary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	more
V0581	Secondary CDC - Case Vehicle Assoc CDC - CDC #2	9800000	—	—
V0582	Secondary CDC Contacted Vehicle - Impact Speed (kph)	998	Not Applicable	more
V0583	Secondary CDC Contacted Vehicle-estimator	8	Not applicable (no vehicle/no impact)	more
V0584	Secondary CDC Contacted Vehicle - Crush (CM)	998	Not Applicable	more
V0585	Secondary CDC Contacted Vehicle-clock #1	98	Not Applicable	more
V0586	Secondary CDC Contacted Vehicle-Letter 1 #1	00	Missing Data/Not applicable	more
V0587	Secondary CDC Contacted Vehicle-Letter 2 #1	00	Missing Data/Not applicable	more
V0588	Secondary CDC Contacted Vehicle-Letter 3 #1	00	Missing Data/Not applicable	more
V0589	Secondary CDC Contacted Vehicle-Letter 4 #1	00	Missing Data/Not applicable	more
V0590	Secondary CDC Contacted Vehicle Extent #1	00	Missing Data/Not applicable	more
V0591	Secondary CDC - Contacted Vehicle Assoc CDC - CDC #1	9800000	—	—
	Secondary CDC Contacted			

V0592	Vehicle-clock #2	98	Not Applicable	more
V0593	Secondary CDC Contacted Vehicle-Letter 1 #2	00	Missing Data/Not applicable	more
V0594	Secondary CDC Contacted Vehicle-Letter 2 #2	00	Missing Data/Not applicable	more
V0595	Secondary CDC Contacted Vehicle-Letter 3 #2	00	Missing Data/Not applicable	more
V0596	Secondary CDC Contacted Vehicle-Letter 4 #2	00	Missing Data/Not applicable	more
V0597	Secondary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	more
V0598	Secondary CDC - Contacted Vehicle Assoc CDC - CDC #2	9800000	—	—

Crash Reconstruction

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V0601	Primary Delta-V Case Vehicle-event #	2	Event number 2	more
V0602	Primary Delta V Case Vehicle - Total Delta V	028 kph	kph	more
V0603	Primary delta-V Case Vehicle -LONGITUD	-028	—	—
V0604	Primary delta-V Case Vehicle-Lateral	0000	—	—
V0605	Primary Delta V Case Vehicle - Energy Dissipated by Crush (k	0039	—	—
V0606	Primary Delta-V Case Vehicle-Reconstruction	22	Reconstructed, moderate confidence level	more
V0607	Primary Delta-V Case Vehicle- Mode	2	CDC & detailed damage	more
V0608	Primary Delta V Contacted Vehicle - Total Delta V	888	Not Applicable	more
V0609	Primary delta-V Contacted Vehicle-LONGITUD	8888	—	—
V0610	Primary delta-V Contacted Vehicle-Lateral	8888	—	—
V0611	Primary delta-V Contacted Vehicle - Energy Dissipated by Cru	8888	—	—

V0612	Secondary Delta-V Case Vehicle-event #	1	Event number 1	more
V0613	Secondary Delta V Case Vehicle - Total Delta V	888	Not applicable	more
V0614	Secondarydelta-V Case Vehicle -LONGITUD	8888	—	—
V0615	Secondary delta-V Case Vehicle-Lateral	8888	—	—
V0616	Secondary delta-V Case Vehicle - Energy Dissipated by Crush	8888	—	—
V0617	Secondary Delta-V Case Vehicle-Reconstruction	08	Skidding sideways	more
V0618	Secondary Delta-V Case Vehicle- Mode	5	Not reconstructed	more
V0619	Secondary Delta V Contacted Vehicle - Total Delta V	888	Not applicable	more
V0620	Secondary delta-V Contacted Vehicle-LONGITUD	8888	—	—
V0621	Secondary delta-V Contacted Vehicle-Lateral	8888	—	—
V0622	Secondary delta-V Contacted Vehicle - Energy Dissipated By C	8888	—	—
V0623	Primary EBS Case Vehicle-event #	2	Event number 2	more
V0624	Primary EBS Case Vehicle - Total EBS	028 kph	kph	more
V0625	Primary EBS Case Vehicle - LONGITUD	-028	—	—
V0626	Primary EBS Case Vehicle-Lateral	0000	—	—
V0627	Primary EBS Case Vehicle - Energy Dissipated by Crush (kj)	0039	—	—
V0628	Primary EBS Case Vehicle-Reconstruction	22	Reconstructed, moderate confidence level	more
V0629	Primary EBS Case Vehicle-Mode	2	CDC & detailed damage	more
V0630	Primary EBS Contacted Vehicle - Total EBS	888	Not Applicable	more
V0631	Primary EBS Contacted Vehicle-LONGITUD	8888	—	—
	Primary EBS Contacted			

V0632	Vehicle-Lateral	8888	—	—
V0633	Primary EBS Contact Vehicle - Energy Dissipated by Crush (kj)	8888	—	—
V0634	Secondary EBS Case Vehicle-event #	1	Event number 1	more
V0635	Secondary EBS Case Vehicle - Total EBS	888	Not Applicable	more
V0636	Secondary EBS Case Vehicle -LONGITUD	8888	—	—
V0637	Secondary EBS Case Vehicle-Lateral	8888	—	—
V0638	Secondary EBS Case Vehicle - Energy Dissipated by Crush (kj)	8888	—	—
V0639	Secondary EBS Case Vehicle-Reconstruction	08	Skidding sideways	more
V0640	Secondary EBS Case Vehicle- Mode	5	Not reconstructed	more
V0641	Secondary EBS Contacted Vehicle - Total EBS	888	Not Applicable	more
V0642	Secondary EBS Contacted Vehicle-LONGITUD	8888	—	—
V0643	Secondary EBS Contacted Vehicle-Lateral	8888	—	—
V0644	Secondary EBS Contact Vehicle - Energy Dissipated by Crush (8888	—	—
V0645	Specific Event # Case(1)	1	Event number 1	more
V0646	Plane of Impact Case Vehicle (1)	4	Above sill	more
V0647	Direct Damage Length (DDL) - Case Vehicle (1)	052 cm	cm	more
V0648	Direct Damage Maximum Crush - Case Vehicle (1)	001 cm	cm	more
V0649	Direct and Induced Damage Length in CM	052 cm	cm	more
V0650	Field C1 - Case Vehicle (1)	999	Unknown	more
V0651	Field C2 - Case Vehicle (1)	999	Unknown	more
V0652	Field C3 - Case Vehicle (1)	999	Unknown	more
V0653	Field C4 - Case Vehicle (1)	999	Unknown	more
V0654	Field C5 - Case Vehicle (1)	999	Unknown	more
V0655	Field C6 - Case Vehicle (1)	999	Unknown	more

V0656	Direct Damage D Value = The Center of Direct Damage Offset t	+999 cm	Offset (cm)	more
V0657	Specific Event # Case(2)	1	Event number 1	more
V0658	Plane of Impact Case Vehicle (2)	4	Above sill	more
V0659	Direct Damage Length (DDL) - Case Vehicle (2)	052 cm	cm	more
V0660	Direct Damage MaximumCrush - Case Vehicle (2)	001 cm	cm	more
V0661	Direct and Induced Damage Length in CM	052 cm	cm	more
V0662	Field C1 - Case Vehicle (2)	999	Unknown	more
V0663	Field C2 - Case Vehicle (2)	999	Unknown	more
V0664	Field C3 - Case Vehicle (2)	999	Unknown	more
V0665	Field C4 - Case Vehicle (2)	999	Unknown	more
V0666	Field C5 - Case Vehicle (2)	999	Unknown	more
V0667	Field C6 - Case Vehicle (2)	999	Unknown	more
V0668	Direct Damage D Value = The Center of Direct Damage Offset t	+999 cm	cm	more
V0669	Specific Event # Cont(1)	9	Unknown	more
V0670	Plane of Impact Contacted Vehicle(1)	9	Unknown	more
V0671	Direct Damage Length (DDL) - Contacted Vehicle (1)	999	Unknown	more
V0672	Direct Damage Maximum Crush - Contacted Vehicle (1)	999	Unknown	more
V0673	Field L - Contacted Vehicle (1)	999	Unknown	more
V0674	Field C1 - Contacted Vehicle (1)	999	Unknown	more
V0675	Field C2 - Contacted Vehicle (1)	999	Unknown	more
V0676	Field C3 - Contacted Vehicle (1)	999	Unknown	more
V0677	Field C4 - Contacted Vehicle (1)	999	Unknown	more
V0678	Field C5 - Contacted Vehicle (1)	999	Unknown	more

V0679	Field C6 - Contacted Vehicle (1)	999	Unknown	more
V0680	Direct Damage D Value = The Center of Direct Damage Offset t	9999	offset (cm)	more
V0681	Specific Event # Contacted Vehicle (2)	9	Unknown	more
V0682	Plane of Impact Contacted Vehicle(2)	9	Unknown	more
V0683	Direct Damage Length (DDL) - Contacted Vehicle (2)	999	Unknown	more
V0684	Direct Damage Maximum Crush - Contacted Vehicle (2)	999	Unknown	more
V0685	Direct and Induced Damage Length in CM	999	Unknown	more
V0686	Field C1 - Contacted Vehicle (2)	999	Unknown	more
V0687	Field C2 - Contacted Vehicle (2)	999	Unknown	more
V0688	Field C3 - Contacted Vehicle (2)	999	Unknown	more
V0689	Field C4 - Contacted Vehicle (2)	999	Unknown	more
V0690	Field C5 - Contacted Vehicle (2)	999	Unknown	more
V0691	Field C6 - Contacted Vehicle (2)	999	Unknown	more
V0692	Direct Damage D Value = The Center of Direct Damage Offset t	9999	Offset (cm)	more

Case Vehicle Tires & Rims

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V0701	Left Front Wheel Damaged	0	No	more
V0702	Right Front Wheel Damaged	0	No	more
V0703	Right Rear Wheel Damaged	0	No	more
V0704	Left Rear Wheel Damaged	0	No	more
V0705	Left Front Tire Tread Type	4	All Weather	more
V0706	Right Front Tire Tread Type	4	All Weather	more

V0707	Right Rear Tire Tread Type	4	All Weather	more
V0708	Left Rear Tire Tread Type	4	All Weather	more
V0709	Left Front Carcass Construction	3	Radial	more
V0710	Right Front Carcass Construction	3	Radial	more
V0711	Right Rear Carcass Construction	3	Radial	more
V0712	Left Rear Carcass Construction	3	Radial	more
V0713	Left Front Tire Condition Precrash	0	Normal - no pre-crash problems	more
V0714	Right Front Tire Condition Precrash	0	Normal - no pre-crash problems	more
V0715	Right Rear Tire Condition Precrash	0	Normal - no pre-crash problems	more
V0716	Left Rear Tire Condition Precrash	0	Normal - no pre-crash problems	more
V0717	Left Front Tire Condition Postcrash	0	Normal - no damage to tire	more
V0718	Right Front Tire Condition Postcrash	0	Normal - no damage to tire	more
V0719	Right Rear Tire Condition Postcrash	0	Normal - no damage to tire	more
V0720	Left Rear Tire Condition Postcrash	0	Normal - no damage to tire	more
V0721	Left Front Tire Involvement	0	No	more
V0722	Right Front Tire Involvement	0	No	more
V0723	Right Rear Tire Involvement	0	No	more
V0724	Left Rear Tire Involvement	0	No	more
V0725	Left Front Tire Size	P19565R15	—	—
V0726	Right Front Tire Size	P19565R15	—	—
V0727	Right Rear Tire Size	P19565R15	—	—
V0728	Left Rear Tire Size	P19565R15	—	—
V0729	Left Front Tire Pressure (recorded in psi)	29.5 psi	Actual tire pressure in psi	more
V0730	Right Front Tire Pressure (recorded in psi)	35.0 psi	Actual tire pressure in psi	more
V0731	Right Rear Tire Pressure (recorded in psi)	32.5 psi	Actual tire pressure in psi	more
	Left Rear Tire Pressure			

V0732	(recorded in psi)	31.0 psi	Actual tire pressure in psi	more
V0733	Left Front Tread Depth	08	08/32"	more
V0734	Right Front Tread Depth	07	07/32"	more
V0735	Right Rear Tread Depth	09	09/32"	more
V0736	Left Rear Tread Depth	09	09/32"	more

Case Vehicle Fuel Tank

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V0801	Propulsive Fuel Type	1	Gasoline	more
V0802	Main Tank Location	322	Within frame/centered laterally - within vertical	more
V0803	Main Filler Cap Location	133	Right of frame laterally - above vertically	more
V0804	Main Tank Material	3	Plastic	more
V0805	Aux Tank Type	8	Not applicable (not equipped)	more
V0806	Aux Tank Location	888	Not applicable (not equipped)	more
V0807	Aux Filler Cap Location	888	Not applicable (not equipped)	more
V0808	Aux Tank Material	8	Not applicable	more

Case Vehicle Fuel Leakage

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V0901	Fuel Leakage From Crash	0	No	more

Case Vehicle Fire

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V1001	Fire In Or On Case Vehicle	0	No	more

Case Vehicle Exterior

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V1101	Hood Latch Released	0	No	more
V1102	Hood Latch Damaged	1	Yes	more
		1		

V1103	Hood Latch Jammed		Yes	more
V1104	Left Hood Hinge Damaged	0	No	more
V1105	Left Hood Hinge Separated	8	Not applicable	more
V1106	Right Hood Hinge Damaged	0	No	more
V1107	Right Hood Hinge Separated	8	Not applicable	more
V1108	Hood Remained On Vehicle	1	Yes	more
V1109	Rear Hood Edge Elevated	1	Yes	more
V1110	Edge Contacted Windshield	0	No	more
V1111	Edge Penetrated Windshield	8	Not applicable	more
V1112	Hood Latch Location	1	Front of Vehicle	more
V1113	Eng/transmissn Mount Separated	0	No	more
V1114	Steering Column Flex Couplng	9	Unknown if equipped	more
V1115	Steering Column Coupling Dam	9	Unknown	more
V1116	Steering Column Coupling Separated	9	Unknown	more
V1117	Eng Comp Telescopng Unit	88	Not currently collected	more
V1118	Compartment Unit's Original/telescoped Length Difference	888	Not currently collected	more
V1119	Left Side Body Mount Separated	8	Not applicable (unitized)	more
V1120	Upper Left A-pillar Sep	0	No	more
V1121	Lower Left A-pillar Sep	0	No	more
V1122	Upper Left B-pillar Sep	0	No	more
V1123	Lower Left B-pillar Sep	0	No	more
V1124	Upper Left C-pillar Sep	0	No	more
V1125	Lower Left C-pillar Sep	8	Not applicable (not equipped)	more
V1126	Upper Left D-pillar Sep	8	Not applicable (not equipped)	more
V1127	Lower Left D-pillar Sep	8	Not applicable (not equipped)	more
V1128	Left Front Door Opening Cause	00	Door did not open	more
V1129	Left Rear Door Opening Cause	98	Not applicable (no left rear door)	more
V1130	Left Front Door Jammed Closed	0	No	more
V1131	Left Rear Door Jammed Closed	8	Not applicable (no left rear door)	more
V1132	Van Left Rear Door Type	8	Not applicable (not a van)	more

V1133	Left Front Glazing Availability	3	Partially open	more
V1134	Left Rear Glazing Availability	1	Fixed	more
V1135	Lr2 Glazing Availability	0	No glazing present	more
V1136	Left Front Glazing Damage	0	No damage	more
V1137	Left Rear Glazing Damage	0	No damage	more
V1138	Lr2 Glazing Damage	8	Not Applicable (No Door)	more
V1139	Rear Door Type	0	No door (includes pickups)	more
V1140	Rear Door Opening Cause	8	Not applicable (no rear door)	more
V1141	Rear Door Jammed Closed	8	Not applicable (no rear door)	more
V1142	Rear Glazng Availability	8	Not Applicable (No Door)	more
V1143	Rear Glazing Damage	8	Not Applicable (No Door)	more
V1144	Luggage Partition Damaged	0	No	more
V1145	Spare Tire Status	8	Not collected	more
V1146	Trailer Hitch Type	0	No hitch	more
V1147	Trailer Type	0	No trailer	more
V1148	Rght Side Body Mount Separated	8	Not applicable (unitized)	more
V1149	Upper Right A-pillar Separated	0	No	more
V1150	Lower Right A-pillar Separated	0	No	more
V1151	Upper Right B-pillar Separated	0	No	more
V1152	Lower Right B-pillar Separated	0	No	more
V1153	Upper Right C-pillar Separated	0	No	more
V1154	Lower Right C-pillar Separated	8	Not applicable (not equipped)	more
V1155	Upper Right D-pillar Separated	8	Not applicable (not equipped)	more
V1156	Lower Right D-pillar Separated	8	Not applicable (not equipped)	more
V1157	Right Front Door Opening Cause	00	Door did not open	more
V1158	Right Rear Door Opening Cause	98	Not applicable (no right rear door)	more
V1159	Right Front Door Jammed Closed	0	No	more

V1160	Right Rear Door Jammed Closed	8	Not applicable (no right rear door)	more
V1161	Van Right-rear Door Type	8	Not applicable (not a van)	more
V1162	Right Front Glazing Availability	2	Closed	more
V1163	Right Rear Glazing Availability	1	Fixed	more
V1164	Rr2 Glazing Availability	0	No glazing present	more
V1165	Right Front Glazing Damage	0	No damage	more
V1166	Right Rear Glazing Damage	0	No damage	more
V1167	Rr2 Glazing Damage	8	Not Applicable (No Door)	more
V1168	Windshield Cracked	1	Yes	more
V1169	Windshield Broken	0	No Click for Windshield Damage figure	more
V1170	Occupant Cracked/Broke Wndshld	0	No	more
V1171	Bond Separation Extent	0	None	more
V1172	Windshield Code	97	Click for Windshield Mark figure	more
V1173	Did Sun Roof/T-Roof Open	0	No	more

Case Vehicle Steering Column/Rim

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Variable Number	Variable 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 Damage	0	None	more
V1204	Steering Wheel Hub Damage	2	Airbag	more
V1205	Steering Wheel Location of Rim Damage	0	No damage	more
V1206	Aftermarket Add-on Device	0	None	more
V1207	Column Tilt Feature	2	Up	more
V1208	Column Swing-away Feature	0	Not equipped	more
V1209	Column Telescoping Feature	0	Not equipped	more
V1210	Wheel Energy Absorb Device	8	Not currently collected	more
V1211	Wheel EA Device's original/damage Dimension Difference	888	Not collected	more

V1212	Column Energy Absorb Device	88	Not collected	more
V1213	Col EA Device's Orig/compressed (or Extruded) Length Diff	888	Not collected	more
V1214	Shear Capsule Separation	888	Not collected	more
V1215	Column Vertical Rotation	0	No apparent rotation	more
V1216	Column Lateral Rotation	0	No apparent rotation	more

Case Vehicle Intrusion

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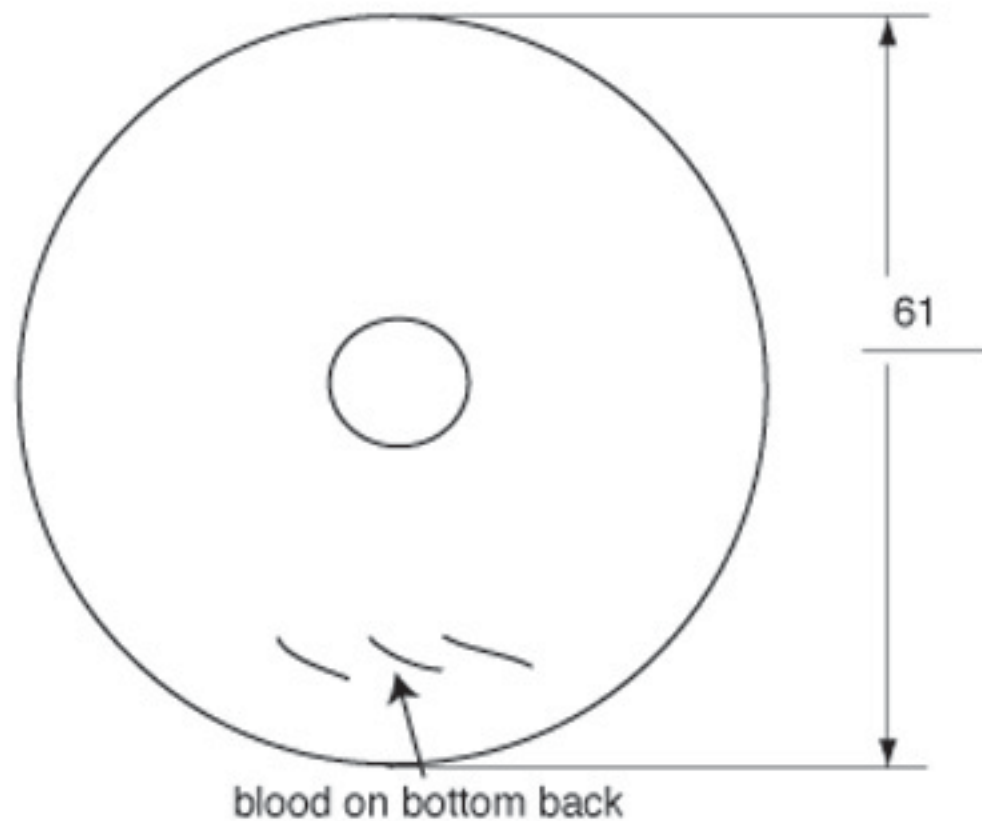
Variable Number	Variable Name	Code Value	Code Description	Other Options
V1301	Was Occupant Compartment Intruded	0	No Click for Intrusion Worksheet figure Click for Intrusion figure	more
V1302	Was Intrusn Catastrophic	8	Not applicable	more
V1303	Intrusion #1	99	Unknown or data not collected	more
V1304	Occupant Space Number(1)	99	Unknown or data not collected	more
V1305	Intrud Component/obj (1)	99	Unknown or data not collected	more
V1306	Associate Event Numb (1)	9	Unknown or data not collected	more
V1307	Maximum Intrusion X Axis	99	Unknown or data not collected	more
V1308	Maximum Intrusion Y Axis	99	Unknown or data not collected	more
V1309	Maximum Intrusion Z Axis	99	Unknown or data not collected	more
V1310	Occupant Number #1 (1)	99	Unknown or data not collected	more
V1311	Injury Number #1 (1)	99	Contact, injury unknown or data not collected	more
V1312	Occupant Number #2 (1)	99	Unknown or data not collected	more
V1313	Injury Number #2 (1)	99	Contact, injury unknown or data not collected	more
V1314	Intrusion Number #2	99	Unknown or data not collected	more
V1315	Occupant Space Number(2)	99	Unknown or data not collected	more
V1316	Intrud Component/obj (2)	99	Unknown or data not collected	more
V1317	Associate Event Numb (2)	9	Unknown or data not collected	more
V1318	Maximum Intrusion X Axis	99	Unknown or data not collected	more
V1319	Maximum Intrusion Y Axis	99	Unknown or data not collected	more
V1320	Maximum Intrusion Z Axis	99	Unknown or data not collected	more
V1321	Occupant Number #1 (2)	99	Unknown or data not collected	more
V1322	Injury Number #1 (2)	99	Contact, injury unknown or data not collected	more
V1323	Occupant Number #2 (2)	99	Unknown or data not collected	more
			Contact, injury unknown or data not	

V1324	Injury Number #2 (2)	99	collected	more
V1325	Intrusion Number #3	99	Unknown or data not collected	more
V1326	Occupant Space Number(3)	99	Unknown or data not collected	more
V1327	Intrud Compnent/obj (3)	99	Unknown or data not collected	more
V1328	Associate Event Numb (3)	9	Unknown or data not collected	more
V1329	Maximum Intrusion X Axis	99	Unknown or data not collected	more
V1330	Maximum Intrusion Y Axis	99	Unknown or data not collected	more
V1331	Maximum Intrusion Z Axis	99	Unknown or data not collected	more
V1332	Occupant Number #1 (3)	99	Unknown or data not collected	more
V1333	Injury Number #1 (3)	99	Contact, injury unknown or data not collected	more
V1334	Occupant Number #2 (3)	99	Unknown or data not collected	more
V1335	Injury Number #2 (3)	99	Contact, injury unknown or data not collected	more
V1336	Intrusion Number #4	99	Unknown or data not collected	more
V1337	Occupant Space Number(4)	99	Unknown or data not collected	more
V1338	Intrud Component/obj (4)	99	Unknown or data not collected	more
V1339	Associate Event Numb (4)	9	Unknown or data not collected	more
V1340	Maximum Intrusion X Axis	99	Unknown or data not collected	more
V1341	Maximum Intrusion Y Axis	99	Unknown or data not collected	more
V1342	Maximum Intrusion Z Axis	99	Unknown or data not collected	more
V1343	Occupant Number #1 (4)	99	Unknown or data not collected	more
V1344	Injury Number #1 (4)	99	Contact, injury unknown or data not collected	more
V1345	Occupant Number #2 (4)	99	Unknown or data not collected	more
V1346	Injury Number #2 (4)	99	Contact, injury unknown or data not collected	more
V1347	Intrusion Number #5	99	Unknown or data not collected	more
V1348	Occupant Space Number(5)	99	Unknown or data not collected	more
V1349	Intrud Component/obj (5)	99	Unknown or data not collected	more
V1350	Associate Event Numb (5)	9	Unknown or data not collected	more
V1351	Maximum Intrusion X Axis	99	Unknown or data not collected	more
V1352	Maximum Intrusion Y Axis	99	Unknown or data not collected	more
V1353	Maximum Intrusion Z Axis	99	Unknown or data not collected	more
V1354	Occupant Number #1 (5)	99	Unknown or data not collected	more
V1355	Injury Number #1 (5)	99	Contact, injury unknown or data not collected	more
V1356	Occupant Number #2 (5)	99	Unknown or data not collected	more
V1357	Injury Number #2 (5)	99	Contact, injury unknown or data not	more

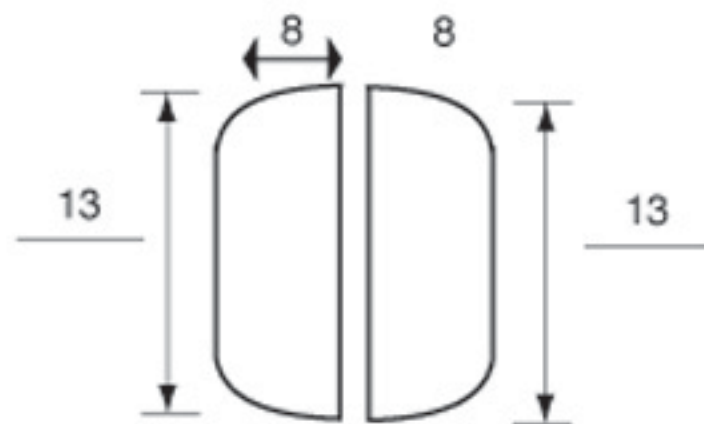
			collected	
V1358	Intrusion Number #6	99	Unknown or data not collected	more
V1359	Occupant Space Number(6)	99	Unknown or data not collected	more
V1360	Intrud Component/obj (6)	99	Unknown or data not collected	more
V1361	Associate Event Numb (6)	9	Unknown or data not collected	more
V1362	Maximum Intrusion X Axis	99	Unknown or data not collected	more
V1363	Maximum Intrusion Y Axis	99	Unknown or data not collected	more
V1364	Maximum Intrusion Z Axis	99	Unknown or data not collected	more
V1365	Occupant Number #1 (6)	99	Unknown or data not collected	more
V1366	Injury Number #1 (6)	99	Contact, injury unknown or data not collected	more
V1367	Occupant Number #2 (6)	99	Unknown or data not collected	more
V1368	Injury Number #2 (6)	99	Contact, injury unknown or data not collected	more
V1369	Intrusion Number #7	99	Unknown or data not collected	more
V1370	Occupant Space Number(7)	99	Unknown or data not collected	more
V1371	Intrud Component/obj (7)	99	Unknown or data not collected	more
V1372	Associate Event Numb (7)	9	Unknown or data not collected	more
V1373	Maximum Intrusion X Axis	99	Unknown or data not collected	more
V1374	Maximum Intrusion Y Axis	99	Unknown or data not collected	more
V1375	Maximum Intrusion Z Axis	99	Unknown or data not collected	more
V1376	Occupant Number #1 (7)	99	Unknown or data not collected	more
V1377	Injury Number #1 (7)	99	Contact, injury unknown or data not collected	more
V1378	Occupant Number #2 (7)	99	Unknown or data not collected	more
V1379	Injury Number #2 (7)	99	Contact, injury unknown or data not collected	more
V1380	Intrusion Number #8	99	Unknown or data not collected	more
V1381	Occupant Space Number(8)	99	Unknown or data not collected	more
V1382	Intrud Component/obj (8)	99	Unknown or data not collected	more
V1383	Associate Event Numb (8)	9	Unknown or data not collected	more
V1384	Maximum Intrusion X Axis	99	Unknown or data not collected	more
V1385	Maximum Intrusion Y Axis	99	Unknown or data not collected	more
V1386	Maximum Intrusion Z Axis	99	Unknown or data not collected	more
V1387	Occupant Number #1 (8)	99	Unknown or data not collected	more
V1388	Injury Number #1 (8)	99	Contact, injury unknown or data not collected	more
V1389	Occupant Number #2 (8)	99	Unknown or data not collected	more
V1390	Injury Number #2 (8)	99	Contact, injury unknown or data not	more

			collected	
V1391	Intrusion Number #9	99	Unknown or data not collected	more
V1392	Occupant Space Number(9)	99	Unknown or data not collected	more
V1393	Intrud Component/obj (9)	99	Unknown or data not collected	more
V1394	Associate Event Numb (9)	9	Unknown or data not collected	more
V1395	Maximum Intrusion X Axis	99	Unknown or data not collected	more
V1396	Maximum Intrusion Y Axis	99	Unknown or data not collected	more
V1397	Maximum Intrusion Z Axis	99	Unknown or data not collected	more
V1398	Occupant Number #1 (9)	99	Unknown or data not collected	more
V1399	Injury Number #1 (9)	99	Contact, injury unknown or data not collected	more

Driver Airbag



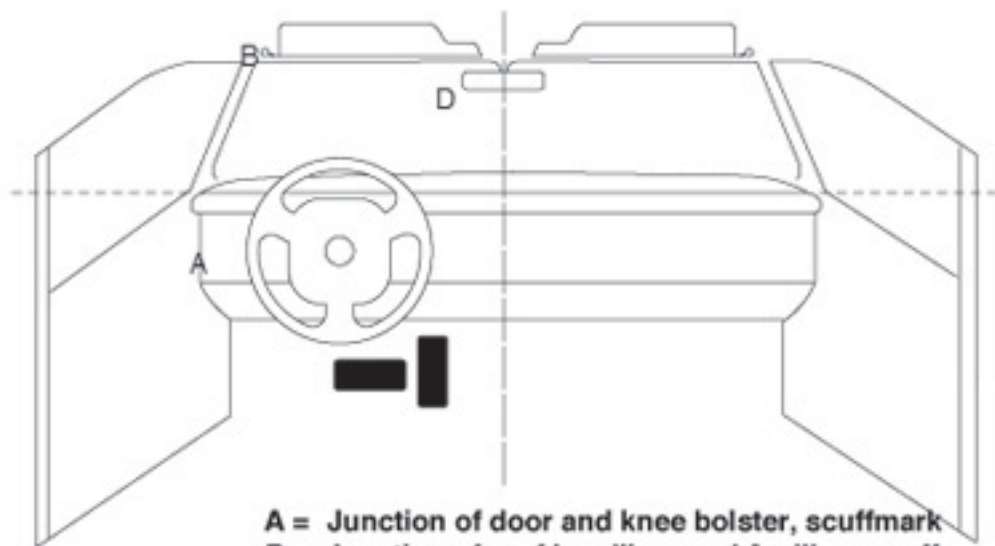
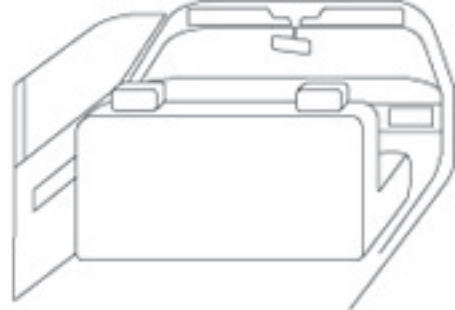
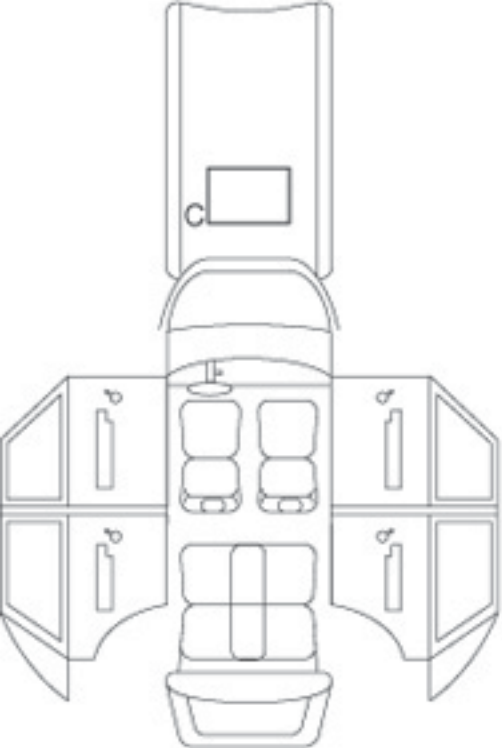
Driver Airbag Doors



Vents: Y N
if yes, how many: 2

Tethers: Y N
if yes, how many: 2

vents at 11 and 1 o'clock



- A = Junction of door and knee bolster, scuffmark**
- B = Junction of roof headliner and A-pillar - scuff**
- C = Roof - hair deposit**
- D = Windshield - starred crack**

1 = Definitely 2 = Probably 3 = Possible

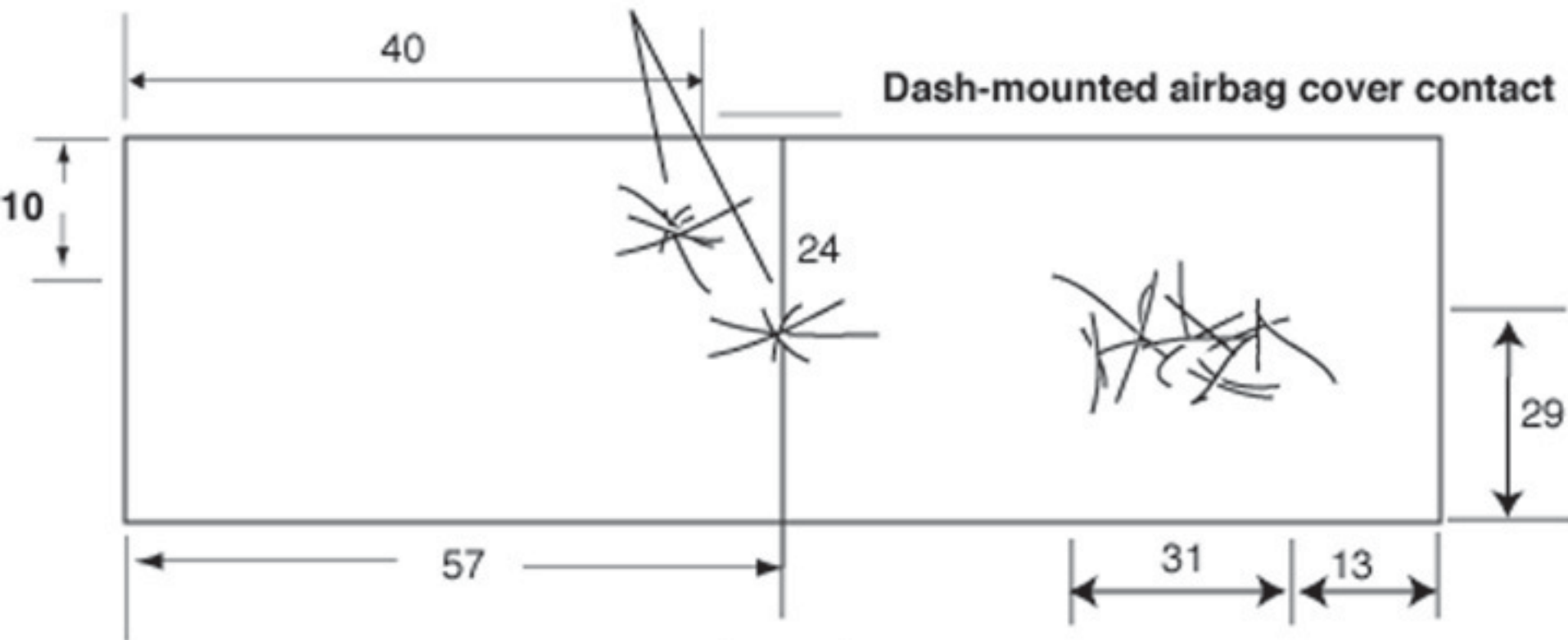
INTRUSION IT-1

Location of Intrusion	Intruded Component	(All Measurements Are in Centimeters)			Dominant Crush Direction
		Comparison Value	Intruded Value	Intrusion	
	None				

OCCUPANT CONTACT WORKSHEET

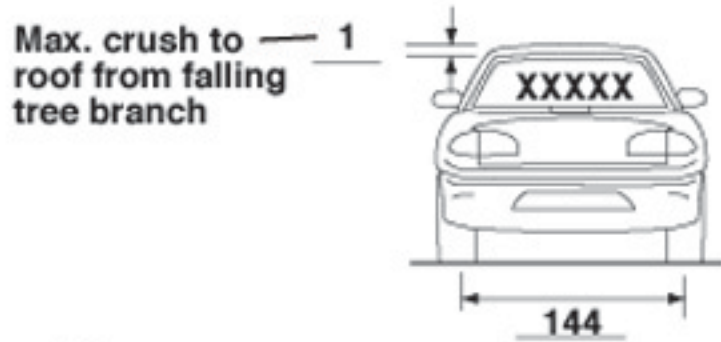
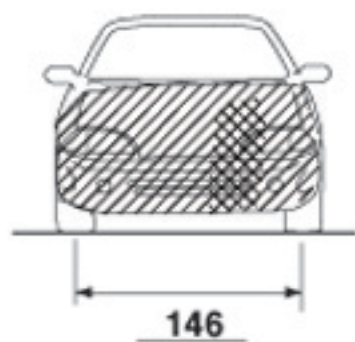
Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	Junction of door and knee bolster	DR	Lt. LX	Scuffmark	1
B	Junction of roof headliner and A-pillar	DR	Head	Scuffmark	1
C	Roof headliner	DR	Head	Hair deposit	1
D	Windshield	DR	Rt. UX	Starred crack	3
E					

Rear-view mirror or driver contact

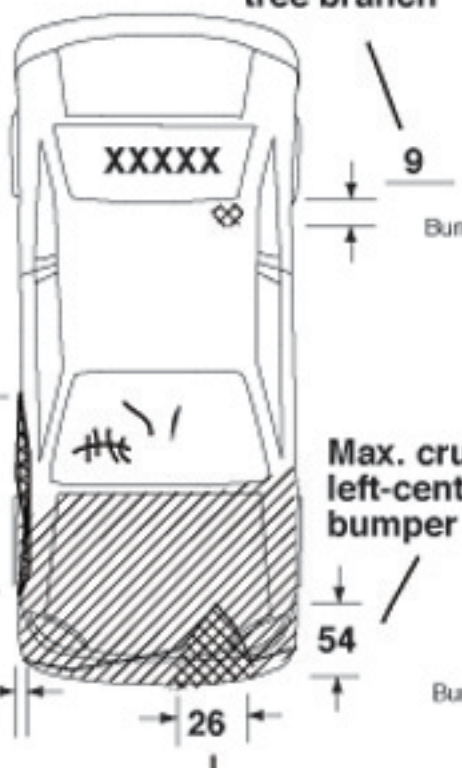
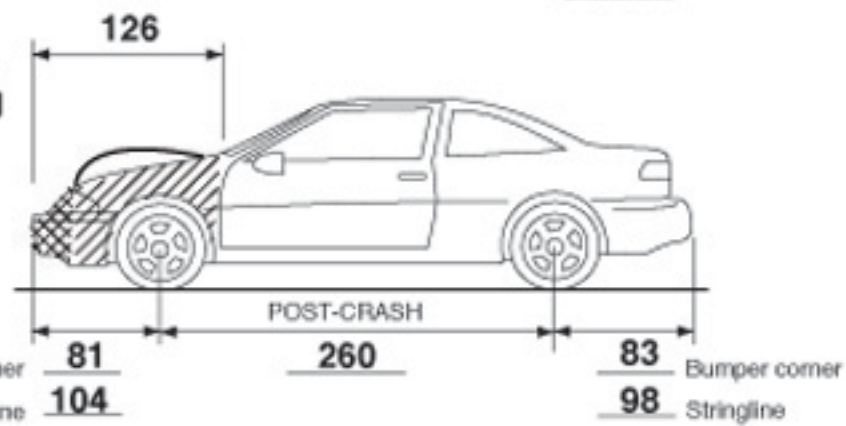


WINDSHIELD MARK ON CASE VEHICLE:

SOFT-RAY
SAFETY  FLO-LITE
AS-1 282
LAMINATED
2 8
DOT18 M405
COUPE



Length of damage to roof from falling tree branch

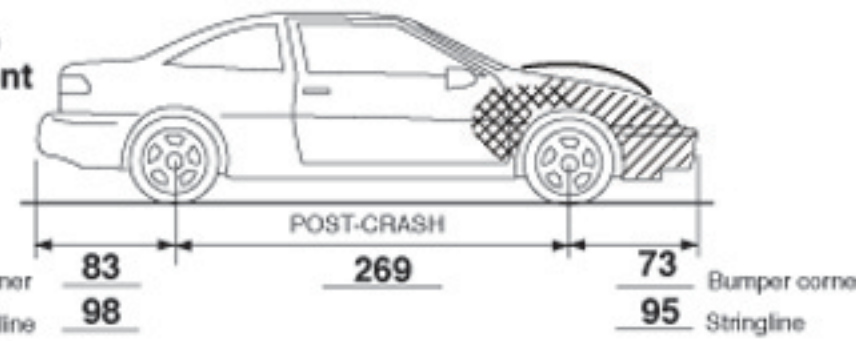


Length of sideswipe damage to right side 52

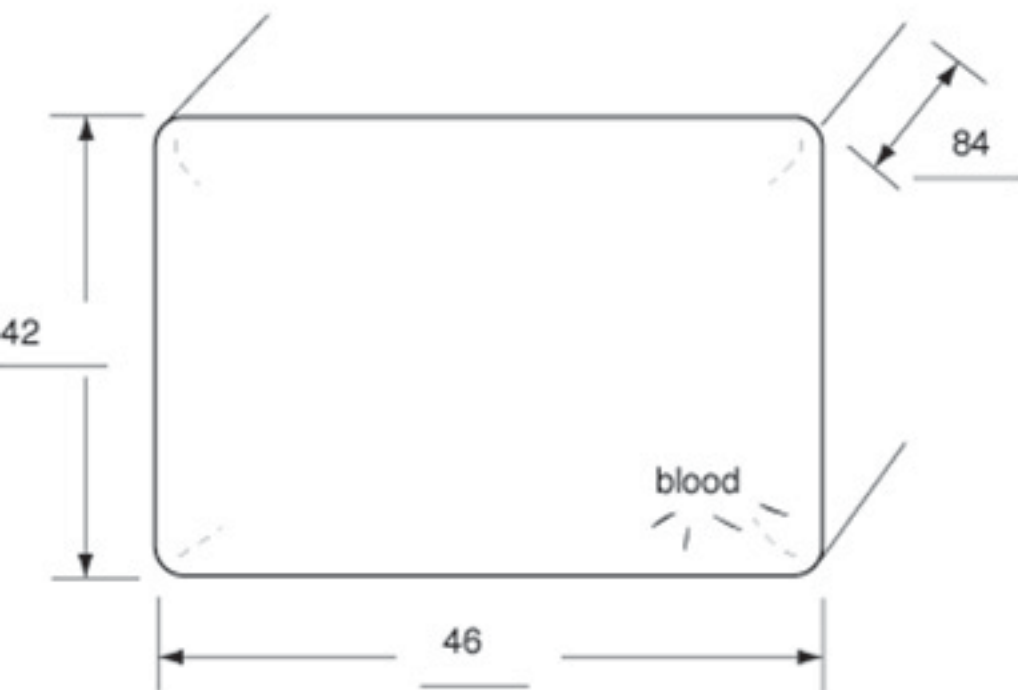
Max. crush to right side from sideswipe 1

Max. crush to left-center front bumper 54

Width of direct damage to front from the tree impact 26

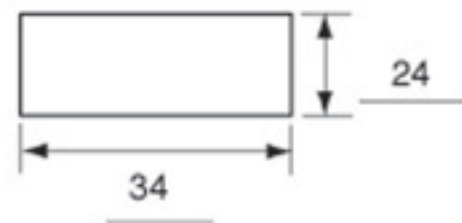


Passenger Airbag



Passenger Airbag Doors

Single Door



Vents: Y N
if yes, how many: 0

Tethers: Y N
if yes, how many: 2







WARNING: Do not use a mobile phone while driving. It is illegal in many states to use a handheld mobile phone while driving. Texting while driving is also illegal in many states. Use of a mobile phone while driving can distract you from the road and increase the risk of an accident. Please do not drink and drive. It is illegal in all states and can result in death. Please do not drink and drive. Please do not drink and drive.



Warrant
For































...S...
...YOU...
...PROTECT...

...SERVICE...
...MILEAGE...
...GRADE...
...SEMI-SYNTH...
...THE OIL...
...WE ALSO DO...
...TUNE-UPS...
...AND...
...AND...

[Small white rectangular sticker]



▲ WARNING
DEATH or SERIOUS INJURY can occur if children 12 and under are not properly secured in the SEAT. Children 12 and under must be properly secured in the SEAT. Always use SEAT BELT. See Owner's Manual for more information.

▲ AVERTISSEMENT
Le non respect des instructions de sécurité peut entraîner la mort ou des blessures graves. Les enfants de 12 ans et moins doivent être correctement attachés dans le SIÈGE. Les enfants de 12 ans et moins doivent être correctement attachés dans le SIÈGE. Utilisez toujours la CEINTURE DE SÉCURITÉ. Consultez le manuel de l'utilisateur pour plus d'informations.

















1 FT 5 IN 2 1/2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

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STOP



