

Case 422 : Narrative

Case Vehicle (A): 2001 Jeep	Vehicle (B): 2002 Ford
Type: Cherokee Sport, 4x4, 4-door SUV	Type: Mustang, 2-door convertible
Driver: 43-year-old male	Driver: 41-year-old female
CDC: 01-FDEW-2	CDC: 10-LYAW-3

SITUATION

1 It was dark and raining, and the asphalt surfaces were wet. 2 Vehicle (B) was traveling north in the northbound lane of a two-lane asphalt road and had stopped at a stop sign where the road intersects with a two-lane east-west asphalt road. 3 Case vehicle (A) was traveling east at an unknown speed in the eastbound through-lane of the east- road and 4 5 was approaching the T-type intersection when the driver of vehicle (B) accelerated forward to make a left turn to travel west on the east-west road. The driver of case vehicle (A) swerved to the left and braked but was unable to avoid a collision, and the front of case vehicle (A) struck the left side of vehicle (B) in a T-type impact. 6 Vehicle (B) was redirected to the northeast, traveled over a curb, and 7 came to rest on the north side of the intersection, facing northeast. The final position of case vehicle (A) is unknown. Case vehicle (A) and vehicle (B) were towed from the scene due to damage.

The police did not code the level of injuries for the female driver of vehicle (B) on the accident report, but she was transported by ambulance to a level-one trauma center and was hospitalized for nine days. The police accident report (PAR) indicates O-level injuries for the driver and right-front passenger of case vehicle (A) and they were not treated.

GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

8 Damage to the front of case vehicle (A) was moderate, with 9 direct damage extending across the entire frontal plane. The maximum crush was 42 cm and it occurred near the middle of the front bumper.

10 Damage to the left side of vehicle (B) was severe. 11 12 Direct damage began at the front of the left-front wheel well and extended 207-cm rearward to the B-pillar. 13 The maximum crush was 51 cm and it occurred near the middle of the driver door. The left wheelbase was reduced by 11 cm 14 and the right wheelbase was increased by 4 cm.

Using the WinSMASH crash-reconstruction program and 15 16 17 crush profiles taken at the level of the bumper for case vehicle (A) and 18 19 20 above the door sill for vehicle (B), the following impact severities were estimated:

		Estimated Velocity Change - kph (mph)		
Vehicle	Variable	Total	Longitudinal	Latitudinal
Case Vehicle (A)	delta V	35 (22)	-30 (-19)	-17 (-11)
Vehicle (B)	delta V	39 (24)	-19 (-12)	33 (21)

DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

Exterior

[21](#) [22](#) In the front of case vehicle (A), the bumper, the radiator, and the hood were crushed rearward and the front third of the hood was bent down. [23](#) The hood latch was jammed closed and rescue or towing personnel had cut the right-front section of the hood to disconnect the battery. The rear edge of the hood was slightly elevated but it did not contact the windshield. [24](#) There was a spider-web crack in the left-center section of the windshield from an internal contact.

[25](#) On the left side, the front of the fender was crushed rearward and the center portion was buckled to the right. The lower section of the A-pillar was deflected to the right, [26](#) the left-front tire was flat, and [27](#) the left wheelbase was reduced by 15 cm. [28](#) The forward sections of the roof and roof siderail were deflected up and the roof above the left B-pillar was buckled longitudinally. [29](#) There was no other left-side damage, both left-side doors were closed and operational, and all of the left-side glazing was intact.

[30](#) [31](#) There was no damage to the rear of the vehicle. [32](#) [33](#) On the right side, the forward section of the fender was deflected down and to the left, both right-side doors were closed and operational, and all of the right-side glazing was intact. There was no other right-side damage but the right wheelbase was increased by 7 cm.

Interior

This vehicle was equipped with steering-wheel and dash-mounted frontal-impact airbags and [34](#) [35](#) [36](#) [37](#) both deployed during the frontal impact. [38](#) [39](#) In the driver area, there was no damage to the steering-wheel airbag or module cover. [40](#) [41](#) [42](#) The bottom portion of the steering-wheel rim was bent forward 3-cm but there was no damage to the spokes, and [43](#) the steering column was displaced up. [44](#) The windshield above the steering wheel was cracked, [45](#) [46](#) the knee bolster was scuffed, [47](#) the toe pan was displaced rearward, and [48](#) the transmission tunnel was displaced to the left. There was a spider-web crack about one-third of the way up the windshield and about 16-cm from the left A-pillar. [49](#) [50](#) [51](#) [52](#) [53](#) There was no other damage in the driver area.

[54](#) In the center-front area, the rearview mirror was cracked and [55](#) the plastic cover on the vertical console was loose. [56](#) There was no other damage in the center-front area.

In the right-front seating area, [35](#) [36](#) [37](#) the dash-mounted airbag was deployed but there was no damage to the airbag or [57](#) [58](#) the module cover. [59](#) [60](#) The instrument panel above the airbag was loose and [61](#) there was food deposited on the glove-box door and on right-front seat cushion. [62](#) [63](#) There was no other damage in the right-front occupant area.

[64](#) [65](#) [66](#) [67](#) [68](#) There was no other interior damage.

The following intrusions were noted and measured:

Location	Component	Distance (cm)	Direction
driver	toe pan 47	13	to rear
	transmission tunnel 48	9	to left

OCCUPANT KINEMATICS AND INJURIES

[69](#) The 183-cm, 104-kg (6-ft, 230-lb) 43-year-old male driver was *not* using the three-point belt but [70](#) the steering-wheel airbag deployed. [71](#) [72](#) [73](#) There were no loading marks on the plastic of the D-ring or sliding latch plate to indicate belt use. During the frontal impact, the driver moved forward relative to the vehicle interior, into the knee bolster, steering wheel, and airbag. [74](#) The driver did not sustain any injuries.

The 46-year-old female right-front passenger was *not* using the three-point belt but [35](#) [36](#) [37](#) the dash-mounted airbag deployed. There were no loading marks on the plastic D-ring or sliding latch plate to indicate belt use. During the frontal impact, the right-front passenger moved forward relative to the vehicle interior into the airbag and knee bolster. [75](#) She did not sustain any injuries.

Occupant: Driver	Age: 43 years	Gender: Male		
Restraints: Steering-wheel airbag	Stature: 183 cm (6 ft, 0 in)	Mass: 104 kg (230 lb)		
Injury Description	A.I.S.	Injury Source		
—	—	Definite	Probable	Possible
No injuries	—	—	—	—
Maximum A.I.S. Level	0	—	—	—
Injury Severity Score	0	—	—	—

Occupant: Right front	Age: 46 years	Gender: Female		
Restraints: Dash-mounted airbag	Stature: Unknown	Mass: Unknown		
Injury Description	A.I.S.	Injury Source		
—	—	Definite	Probable	Possible
No injuries	—	—	—	—
Maximum A.I.S. Level	0	—	—	—
Injury Severity Score	0	—	—	—

CASE NO.: 422

CASE VEHICLE: 2001 Jeep

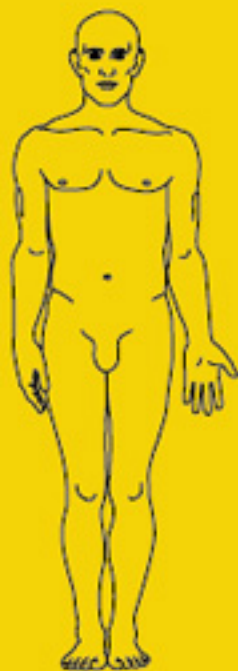
TYPE: Cherokee Sport, 4x4, 4-door SUV

OCCUPANT: Driver: 43-year-old male

STATURE: 183 cm (6 ft) MASS: 104 kg (230 lb)

RESTRAINTS: Steering-wheel airbag

SEVERITY: MAIS - 0 : ISS - 0



No injury



CASE NO.: 422

CASE VEHICLE: 2001 Jeep

TYPE: Cherokee Sport, 4x4, 4-door SUV

OCCUPANT: Right front: 46-year-old female

STATURE: Unknown MASS: Unknown

RESTRAINTS: Dash-mounted airbag

SEVERITY: MAIS - 0 : ISS - 0



No injury

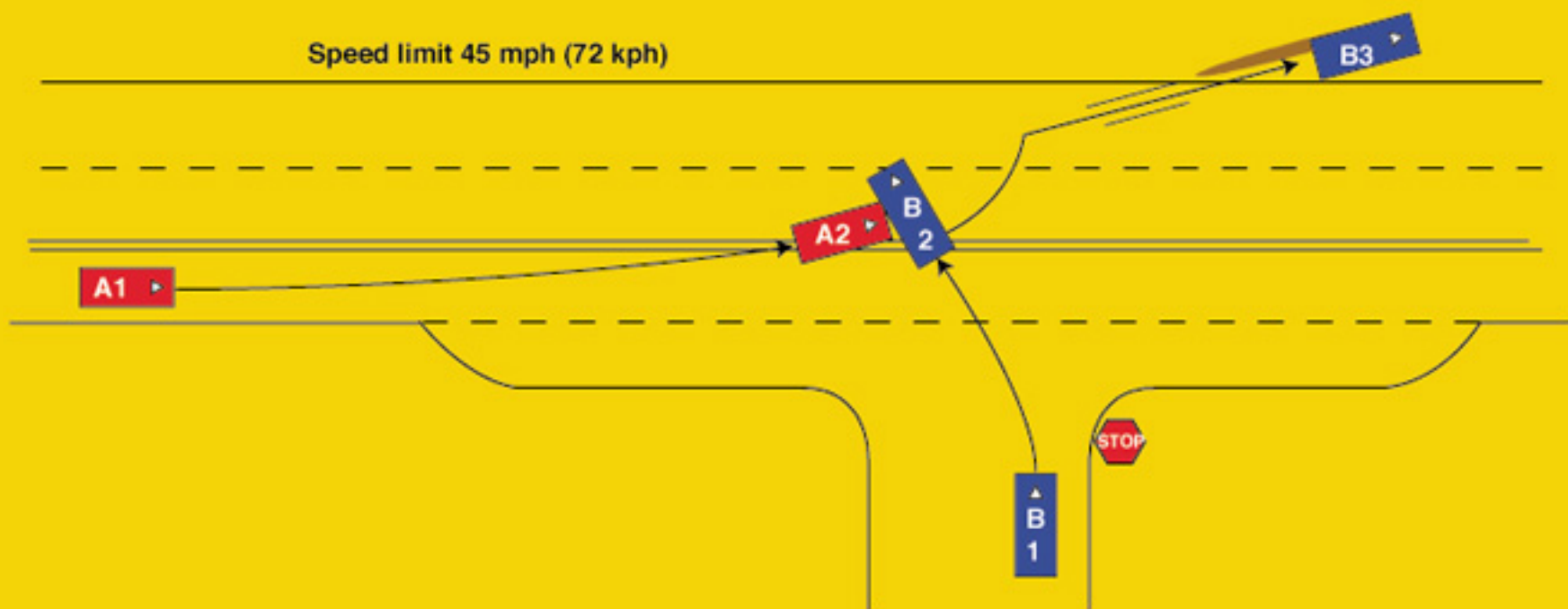


Case No.: 422
Case Veh. (A): 2001 Jeep
Type: Cherokee Sport, 4x4, 4-door SUV
Driver: 43-year-old male
Veh. (B): 2002 Ford Mustang, 2-door convertible

Light Conditions: **Dark - unlighted**
Weather: **Rain**
Road Surface: **Wet**
Road Construction: **Asphalt**



Speed limit 45 mph (72 kph)



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	4	4 lanes or more	more
V209 — Intersecting Road Total Lanes	2	2 lanes	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	22	Water - wet	more
V216 — Visibility Limitation	0	None	more
V217 — Visibility Obstruction	0	None	more
V218 — Speed Limit	4	71-79 km/h .. 45 mph	more
V219 — Precipitation Type	1	Rain	more
V220 — Precipitation Rate	9	Unknown	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	0	No	more
V226 — Case Vehicle Rollover	0	No	more
V227 — Case Vehicle Ran Off Roadway	0	No	more
V228 — Moving Case Vehicle/Contacted Moving Vehicle	1	Yes	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	1	1 vehicle	more
V232 — Any Fire in Crash	0	No	more
V233 — Max Police Severity-PAR	5	Injured - Severity Unknown	more
V234 — Driver Alcohol Involvement	0	Had not been drinking	more
V235 — Driver Alcohol BAC	80	Not tested	more
V236 — Driver Impairment Mention	0	No	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	1FAFP44432F1	—	—
V302 — Other Vehicle Manufacturer/Body Code	12127	—	—
V303 — Other Vehicle Manufacturer	121	Ford	more
V304 — Other Vehicle Body Code	27	Compact 100-104.9 in. wb.	more
V305 — Other Vehicle Make/Model	0244	Mustang, Mustang II	more
V306 — Other Vehicle Model Year	2002	—	—
V307 — Other Vehicle Mass	001455 kg	—	—
V308 — Other Vehicle Number	1	Vehicle #1	more
V309 — Other Vehicle Number of Occupants	01	—	—
V310 — Other Vehicle Traveling Speed	995	Just starting up	more

V311 — Highest Police Injury Severity	5	Injured - Severity Unknown	more
V312 — Other Vehicle Type	27	Compact 100-104.9 in. wb.	more
V313 — Other Vehicle Wheelbase (cm)	257 cm	—	—
V314 — Average Track Width	154 cm	—	—
V315 — Overall Length	465 cm	—	—
V316 — Overall Width (OAW)	186 cm	—	—
V317 — Front Overhang (FOH)	104 cm	—	—
V318 — Rear Overhang (ROH)	105 cm	—	—
V319 — Undeformed End Width (UEW)	150 cm	—	—
V320 — Engine Displacement	3.8 l	—	—
V321 — Engine: Number of Cylinders	06	—	—
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	1J4FF48S91L5	—	—
V402 — Manufacturer/Body Code	15214	—	—
V403 — Vehicle Manufacturer	152	Kaiser/Jeep	more
V404 — Vehicle Body Code	14	—	—
V405 — Make/Model Code	3405	Cherokee	more
V406 — Model Year	2001	—	—
V407 — Vehicle Mass	001521 kg	—	—
V408 — Odometer Reading	888888	—	—
V409 — Number of Occupants	02	—	—
V410 — Traveling Speed	999	Unknown	more
V411 — Body Type	21	Small utility (e.g. Jeep, Scout, Bronco)	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	2	Console	more
V416 — Steering	1	Power	more
V417 — Brakes	1	Power	more
V418 — Brake Type	2	Disc - front 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	258 cm	—	—
V427 — Anti-lacerative Glass	0	None	more
V428 — Average Track Width	147 cm	—	—
V429 — Overall Length	425 cm	—	—
V430 — Overall Width (OAW)	176 cm	—	—
V431 — Front Overhang	074 cm	—	—
V432 — Rear Overhang	094 cm	—	—
V433 — Undeformed End Width (UEW)	153 cm	—	—
V434 — Engine Displacement	4.0 l	—	—
V435 — Engine: Number of Cylinders	06	—	—
V436 — Direct Damage Length (DDL)	153 cm	—	—
V437 — Front End Overlap % (FEO)	98	98% or more	more
V438 — Vehicle Overlap % (VOL)	98	98% or more	more

Case Vehicle Damage Description

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V501 — Maximum Crush - Front	042 cm	—	—
V502 — Maximum Crush - Right Side	000 cm	No crush (or less than 1 cm.)	more
	000 cm	No crush (or	

V503 — Maximum Crush - Rear		less than 1 cm.)	more
V504 — Maximum Crush - Left Side	000 cm	No crush (or less than 1 cm.)	more
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
V507 — Are Events In Chronological Order	1	Yes	more
V508 — Event 1 Impact Location	1	On Roadway	more
V509 — Event 1 Impact Configuration	13	FRONT of case veh - SIDE of contacted Vehicle	more
V510 — Event 1 Object/Vehicle Contacted	27	Compact 100-104.9 in. wb.	more
V511 — Event 2 Impact Location	8	No 2nd event	more
V512 — Event 2 Impact Configuration	88	No 2nd event	more
V513 — Event 2 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V514 — Event 3 Impact Location	8	No 3rd event	more
V515 — Event 3 Impact Configuration	88	No 3rd event	more
V516 — Event 3 Object/Vehicle Contacted	00	No object/vehicle contacted	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	1	Event 1	more
V530 — Primary CDC Case Vehicle - impact speed	999	Unknown	more
V531 — Primary CDC Case Vehicle - Estimated By	1	Investigator	more
V532 — Primary CDC Case Vehicle -crush	042	—	—
V533 — Primary CDC Case Vehicle -clock #1	01	1 o'clock	more
V534 — Primary CDC Case Vehicle letter 1 #1	06	F - Front	more
V535 — Primary CDC Case Vehicle letter 2 #1	04	D - Distributed (Side or End)	more
V536 — Primary CDC Case Vehicle letter 3 #1	05	E - Everything below belt line	more
V537 — Primary CDC Case Vehicle letter 4 #1	23	W - Wide impact area	more
V538 — Primary CDC Case Vehicle Extent #1	02	Extent 2	more
V539 — Primary CDC Case Vehicle -CDC #1	01FDEW2	—	—
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	999	Unknown	more
V548 — Primary CDC Contacted Vehicle - Estimated By	1	Investigator	more
V549 — Primary CDC Contacted Vehicle -crush	051	—	—
V550 — Primary CDC Contacted Vehicle -clock #1	10	10 o'clock	more
V551 — Primary CDC Contacted Vehicle letter 1 #1	12	L - Left Side	more
V552 — Primary CDC Contacted Vehicle letter 2 #1	25	Y - Side or end (F + P or L + C)	more
V553 — Primary CDC Contacted Vehicle letter 3 #1	01	A - All or Top of vehicle to bottom of vehicle exclusive of	more
V554 — Primary CDC Contacted Vehicle letter 4 #1	23	W - Wide impact area	more
V555 — Primary CDC Contacted Vehicle Extent #1	03	Extent 3	more
V556 — Primary CDC Contacted Vehicle -CDC #1	10LYAW3	—	—
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	8	Not applicable	more
V565 — Secondary CDC Case Vehicle - Impact Speed	998	Not Applicable	more
	8	Not	

V566 — Secondary CDC Case Vehicle - Estimated By		applicable (no vehicle/no impact)	more
V567 — Secondary CDC Case Vehicle -crush	998	Not Applicable	more
V568 — Secondary CDC Case Vehicle -clock #1	98	Not Applicable	more
V569 — Secondary CDC Case Vehicle letter 1 #1	00	Missing Data/Not applicable	more
V570 — Secondary CDC Case Vehicle letter 2 #1	00	Missing Data/Not applicable	more
V571 — Secondary CDC Case Vehicle letter 3 #1	00	Missing Data/Not applicable	more
V572 — Secondary CDC Case Vehicle letter 4 #1	00	Missing Data/Not applicable	more
V573 — Secondary CDC Case Vehicle Extent #1	00	Missing Data/Not applicable	more
V574 — Secondary CDC Case Vehicle -CDC #1	9800000	—	—
V576 — Secondary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V577 — Secondary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	more
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 -	8	Not applicable (no	more

Estimated By		vehicle/no impact)	
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			Other
-----------------	--	--	--------------

Number and Name	Code Value	Code Description	Options
V601 — Case Vehicle Primary Impact Number	1	—	—
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	0088 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	039 kph	—	—
V609 — Primary Contacted	-019 kph		

Vehicle Reconstructed Longitudinal Delta-V		—	—
V610 — Primary Contacted Vehicle Reconstructed Lateral Delta-V	-033 kph	—	—
V611 — Primary Contacted Vehicle Reconstructed Crush Energy	0119 kJ	—	—
V612 — Case Vehicle Secondary Impact Number	8	—	—
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 — Secondary Case Vehicle Reconstruction	88	—	—

Note			
V618 — Secondary Case Vehicle Reconstruction Mode	8	Not applicable	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	1	—	—
V624 — Primary Case Vehicle Reconstructed Total EBS	030 kph	—	—
V625 — Primary Case Vehicle Reconstructed Longitudinal EBS	-026 kph	—	—

V626 — Primary Case Vehicle Reconstructed Lateral EBS	-015 kph	—	—
V627 — Primary Case Vehicle Reconstructed Crush Energy	0088 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	045 kph	—	—
V631 — Primary Contacted Vehicle Reconstruction Longitudinal EBS	-022 kph	—	—
V632 — Primary Contacted Vehicle Reconstruction Lateral EBS	-039 kph	—	—
V633 — Primary Contacted Vehicle Reconstruction Crush Energy	0119 kJ	—	—
V634 — Case Vehicle Secondary	8	Not applicable	more

Impact Number			
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	88	—	—
V640 — Secondary Case Vehicle Reconstruction Mode	8	Not applicable	more
V641 — Secondary Contacted Vehicle Reconstruction Total EBS	888	N/A	more
V642 — Secondary Contacted Vehicle Reconstruction Longitudinal EBS	8888	—	—
V643 —	8888		

Secondary Contacted Vehicle Reconstruction Lateral EBS			—	—
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]	153 cm		—	—
V648 — Case Vehicle Impact 1 Max Crush	042 cm		—	—
V649 — Case Vehicle Impact 1 Field-L	123 cm		—	—
V650 — Case Vehicle Impact 1 C1	039 cm		—	—
V651 — Case Vehicle Impact 1 C2	027 cm		—	—
V652 — Case Vehicle Impact 1 C3	042 cm		—	—
V653 — Case Vehicle Impact 1 C4	030 cm		—	—
V654 — Case Vehicle	017 cm		—	—

Impact 1 C5			
V655 — Case Vehicle Impact 1 C6	011 cm	—	—
V656 — Case Vehicle Impact 1 +/- D	0000 cm	—	—
V657 — Case Vehicle Reconstructed Impact Number	2	—	—
V658 — Case Vehicle Impact 2 Plane	8	Not applicable	more
V659 — Case Vehicle Impact 2 Direct Damage Length [DDL]	998	Not applicable	more
V660 — Case Vehicle Impact 2 Max Crush	998	Not applicable	more
V661 — Case Vehicle Impact 2 Field-L	998	Not applicable	more
V662 — Case Vehicle Impact 2 C1	998	Not applicable	more
V663 — Case Vehicle Impact 2 C2	998	Not applicable	more
V664 — Case Vehicle Impact 2 C3	998	Not applicable	more
V665 — Case Vehicle Impact 2 C4	998	Not applicable	more
V666 — Case Vehicle Impact 2 C5	998	Not applicable	more
V667 — Case Vehicle	998	Not applicable	more

Impact 2 C6			
V668 — Case Vehicle Impact 2 +/- D	9998	—	—
V669 — Other Vehicle Reconstructed Impact Number	1	—	—
V670 — Other Vehicle Impact 1 Plane	4	Above sill	more
V671 — Other Vehicle Impact 1 Direct Damage Length [DDL]	207 cm	—	—
V672 — Other Vehicle Impact 1 Max Crush	051 cm	—	—
V673 — Other Vehicle Impact 1 Field-L	220 cm	—	—
V674 — Other Vehicle Impact 1 C1	000 cm	No Crush	more
V675 — Other Vehicle Impact 1 C2	026 cm	—	—
V676 — Other Vehicle Impact 1 C3	051 cm	—	—
V677 — Other Vehicle Impact 1 C4	041 cm	—	—
V678 — Other Vehicle Impact 1 C5	041 cm	—	—
V679 — Other Vehicle Impact 1 C6	015 cm	—	—
V680 — Other Vehicle	0042 cm	—	—

Impact 1 +/- D			
V681 — Other Vehicle Reconstructed Impact Number	2	—	—
V682 — Other Vehicle Impact 2 Plane	8	Not applicable	more
V683 — Other Vehicle Impact 2 Direct Damage Length [DDL]	998	Not applicable	more
V684 — Other Vehicle Impact 2 Max Crush	998	Not applicable	more
V685 — Other Vehicle Impact 2 Field-L	998	Not applicable	more
V686 — Other Vehicle Impact 2 C1	998	Not applicable	more
V687 — Other Vehicle Impact 2 C2	998	Not applicable	more
V688 — Other Vehicle Impact 2 C3	998	Not applicable	more
V689 — Other Vehicle Impact 2 C4	998	Not applicable	more
V690 — Other Vehicle Impact 2 C5	998	Not applicable	more
V691 — Other Vehicle Impact 2 C6	998	Not applicable	more
V692 — Other Vehicle Impact 2 +/- D	9998	—	—

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	P22575R15	—	—
V718 — Right Front Tire Size	P22575R15	—	—
V719 — Right Rear Tire Size	P22575R15	—	—
V720 — Left Rear Tire Size	P22575R15	—	—

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	122	Within frame/centered laterally - within vertically	more
V803 — Main Filler Cap Location	113	Left of frame laterally - above vertically	more
V804 — Main Tank Material	3	Plastic	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	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 Separation	0	No	more
V1114 — Sterng Column Flex Coupling	9	Unknown if equipped	more
V1115 — Sterng Column Coupling Damaged	9	Unknown	more
V1116 — Sterng 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	0	No	more
V1121 — Lower Left A-pillar Separation	4	No separation, but damaged	more

V1122 — Upper Left B-pillar Separation	0	No	more
V1123 — Lower Left B-pillar Separation	0	No	more
V1124 — Upper Left C-pillar Separation	0	No	more
V1125 — Lower Left C-pillar Separation	0	No	more
V1126 — Upper Left D-pillar Separation	0	No	more
V1127 — Lower Left D-pillar Separation	0	No	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	0	No	more
V1131 — Left Rear Door Jammed Closed	0	No	more
V1132 — Rear Door Type	2	One-way tailgate	more
V1133 — Rear Door Opening Cause	0	Door did not open	more
V1134 — Rear Door Jammed Closed	0	No	more
V1135 — Luggage Partition Damagd	8	Not applicable	more
V1136 — Spare Tire Status	8	Not collected	more
V1137 — Trailer Hitch Type	4	Load equalizing	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	0	No	more

Separation			
V1147 — Lower Right D-pillar Separation	0	No	more
V1148 — Right Front Door Opening Cause	00	Door did not open	more
V1149 — Right Rear Door Opening Cause	00	Door did not open	more
V1150 — Right Front Door Jammed Closed	0	No	more
V1151 — Right Rear Door Jammed Closed	0	No	more
V1152 — Van Rear Door Type	8	Not applicable (not a van)	more
V1153 — Windshield Cracked		Yes	more
V1154 — Windshield Broken	0	No	more
V1155 — Windshield Cracked or Broken by Occupant	9	Unknown	more
V1156 — Bond Separation Extent	0	None	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	2	Severely bent	more
V1202 — Number of Steering Wheel Spokes	2	2 spokes	more
V1203 — Steering Wheel Spoke Damage	0	None	more
V1204 — Column Tilt Feature	4	Lower	more
V1205 — Column Swing-away	0		

Feature		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	1	Upward apparent rotation	more
V1213 — Column Lateral Rotation	0	No apparent rotation	more
V1214 — Steering Wheel Hub Damage	1	Occupant contact	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	13 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	00		

Number		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	28	Transmission tunnel (hump)	more
V1317 — Intrusion 02 Assoc Event Number	1	Event #1	more
V1318 — Intrusion 02 Max Intrusion X-axis	09 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	00	No Intrusion, None	more
V1326 — Intrusion 03 Occupant Space Number	00	No Intrusion, None	more
V1327 — Intrusion 03 Intruding Object	00	No Intrusion, None	more
V1328 — Intrusion 03 Assoc Event Number	0	No Intrusion, None	more
V1329 — Intrusion 03 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
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 Number	00	No contact or no intrusion	more
V1335 — Intrusion 03 Injury Number	99	Contact, injury unknown or data not collected	more
V1336 — Intrusion Number 04	00	No Intrusion, None	more

V1337 — Intrusion 04 Occupant Space Number	00	No Intrusion, None	more
V1338 — Intrusion 04 Intruding Object	00	No Intrusion, None	more
V1339 — Intrusion 04 Assoc Event Number	0	No Intrusion, None	more
V1340 — Intrusion 04 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1341 — Intrusion 04 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1342 — Intrusion 04 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1343 — Intrusion 04 Occupant Number	00	No contact or no intrusion	more
V1344 — Intrusion 04 Injury Number	00	No injury or no intrusion	more
V1345 — Intrusion 04 Occupant Number	00	No contact or no intrusion	more
V1346 — Intrusion 04 Injury Number	99	Contact, injury unknown or data not collected	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	00		

Object		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 Object	00	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	00 cm		

Y-axis		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	88	Not Applicable	more
V1414 — Door Intrusion Number 01 Cause	8	Not applicable	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 Component Damaged 1	8	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](#)

Variable Number and Name	Code Value	Code Description	Other Options
V1501 — Driver Airbag Equipped	1	Yes	more
V1502 — Driver Airbag Deployed	1	Yes	more
V1503 — Driver Airbag Condition	0	No Damage	more
V1504 — Passenger Airbag Equip	1	Yes	more
V1505 — Passenger Airbag Deployed	1	Yes	more
V1506 — Passenger Airbag Condition	0	No Damage	more
V1507 — Steering Wheel Airbag Tether	1	Yes	more
V1508 — Driver Airbag Marked By Contact	0	No	more
V1509 — Passenger Airbag Tether	0	No	more
V1510 — Passenger Airbag Marked By Contact	0	No	more

**Case Vehicle
Interior**

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V1601 — Left Front Door Damaged	0	No	more
V1602 — Right Front Door Damaged	0	No	more
V1603 — Left Front Hardware Damaged	0	No	more
V1604 — Right Front Hardware Damaged	0	No	more
V1605 — Left Front Armrest Damaged	0	No	more
V1606 — Right Front Armrest Damaged	0	No	more
V1607 — Left Front Glass Damaged	0	No	more
V1608 — Right Front Glass Damaged	0	No	more
V1609 — Left Rear Door Area Damaged	0	No	more

V1610 — Right Rear Door Area Damaged	0	No	more
V1611 — Left Rear Hardware Damaged	0	No	more
V1612 — Right Rear Hardware Damaged	0	No	more
V1613 — Left Rear Armrest Damaged	0	No	more
V1614 — Right Rear Armrest Damaged	0	No	more
V1615 — Left Rear Glass Damaged	0	No	more
V1616 — Right Rear Glass Damaged	0	No	more
V1617 — Left Roof Side Rail Damaged	0	No	more
V1618 — Right Roof Side Rail Damaged	0	No	more
V1619 — Left B-pillar Damaged	0	No	more
V1620 — Right B-pillar Damaged	0	No	more
V1621 — Left C-pillar Damaged	0	No	more
V1622 — Right C-pillar Damaged	0	No	more
V1623 — Left D-pillar Damaged	0	No	more
V1624 — Right D-pillar Damaged	0	No	more
V1625 — Left Headlining Damaged	0	No	more
V1626 — Right Headlining Damaged	0	No	more
V1627 — Left Roof Structure Damaged	0	No	more
V1628 — Right Roof Structure Damaged	0	No	more
V1629 — Left T/Sun Roof Damaged	8	Not applicable	more
V1630 — Right T/Sun Roof Damaged	8	Not applicable	more
V1631 — Other Left Side Item Damaged	8	Not applicable	more
V1632 — Other Right Side Item Damaged	8	Not applicable	more
V1633 — Foot Controls Damaged	0	No	more
V1634 — Ignition Key Damaged	0	No	more
V1635 — Rear View Mirror Damaged	1	Yes	more
V1636 — Sunvisor/Fitting Damaged	0	No	more
V1637 — Windshield Molding Damaged	0	No	more
V1638 — Left A-pillar Damaged	0	No	more

V1639 — Right A-pillar Damaged	0	No	more
V1640 — Center Console Damaged	0	No	more
V1641 — Transmission Lever Damaged	0	No	more
V1642 — Horn/Spoke Shroud Damaged	4	Yes, occupant contact	more
V1643 — Upper Panel Damaged	1	Yes	more
V1644 — Mid Panel Damaged	0	No	more
V1645 — Lower Panel Damaged	4	Yes, occupant contact	more
V1646 — Ashtray Damaged	0	No	more
V1647 — Control Knob/Lever Damaged	0	No	more
V1648 — Glove Compartment Area Damaged	0	No	more
V1649 — Instruments Damaged	0	No	more
V1650 — Park Brake Release Damaged	0	No	more
V1651 — Park Brake Pedal Damaged	8	Not applicable	more
V1652 — A/C Or Upper Vent Damaged	1	Yes	more
V1653 — Heater Or A/C Duct Damaged	0	No	more
V1654 — Radio Damaged	0	No	more
V1655 — Other Item Damaged	8	Not applicable	more
V1656 — Rear Window Damaged	0	No	more
V1657 — Rear Window Header Damaged	0	No	more
V1658 — Vertical Console Damaged	1	Yes	more
V1659 — Roof Console Damaged	8	Not applicable	more

Case Vehicle Seats

[Back to Top](#)

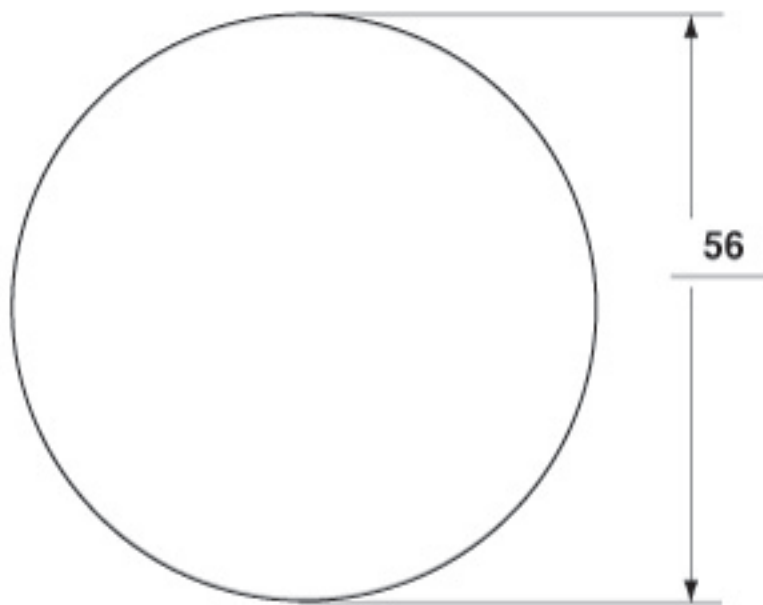
Variable Number and Name	Code Value	Code Description	Other Options
V1701 — Driver Front Seat Type	05	Bucket	more
V1702 — Passenger Front Seat Type	05	Bucket	more
V1703 — Driver Seat Mount Type	1	Standard	more
V1704 — Passenger Seat Mount Type	1	Standard	more
V1705 — Driver Swivel Mechanism	0		

Equipped		No	more
V1706 — Passenger Swivel Mechanism Equipped	0	No	more
V1707 — Driver Seat Original Equipment	1	Yes	more
V1708 — Passenger Seat Original Equipment	1	Yes	more
V1709 — Driver Seat/Rear Occupant Contact	8	Not applicable	more
V1710 — Passenger Seat/Rear Occupant Contact	8	Not applicable	more
V1711 — Driver Seat Damage	0	None	more
V1712 — Passenger Seat Damage	0	None	more
V1713 — Center Front Armrest Damaged	0	No	more
V1714 — Driver Seat Rotation	0	None apparent	more
V1715 — Passenger Seat Rotation	0	None apparent	more
V1716 — Driver Seat-back Type	3	Reclining	more
V1717 — Passenger Seat-back Type	3	Reclining	more
V1718 — Driver Seat-back Lock Type	1	Manual	more
V1719 — Passenger Seat-back Lock Type	1	Manual	more
V1720 — Driver Seat-back Lock Held	1	Yes	more
V1721 — Passenger Seat-back Lock Held	1	Yes	more
V1722 — Driver Recliner Mechanism Held	1	Yes	more
V1723 — Passenger Recliner Mechanism Held	1	Yes	more
V1724 — Driver Head Restraint Type	2	Integral	more
V1725 — Passenger Head Restraint Type	2	Integral	more
V1726 — Driver Head Rest Removed	8	Not applicable	more
V1727 — Passenger Head Rest Removed	8	Not applicable	more
V1728 — Driver Head Rest Adjustment	8	Not applicable	more
V1729 — Passenger Head Rest	8	Not applicable	more

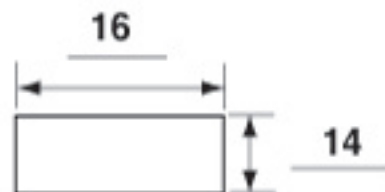
Adjustment			
V1730 — Driver Head Rest Damage	0	None	more
V1731 — Passenger Head Rest Damage	0	None	more
V1732 — Driver Seat Adjustment Type	1	Manual	more
V1733 — Passenger Seat Adjustment Type	1	Manual	more
V1734 — Driver Seat Adjustment Provided	1	2-way	more
V1735 — Passenger Seat Adjustment Provided	1	2-way	more
V1736 — Driver Seat Adjuster Damage	0	None	more
V1737 — Passenger Seat Adjuster Damage	0	None	more
V1738 — Driver Seat Adjuster Separation	8	Not applicable	more
V1739 — Passenger Seat Adjuster Separation	8	Not applicable	more
V1740 — Driver Seat Pre-crash Position	3	Rearward	more
V1741 — Passenger Seat Pre-crash Position	2	Middle	more
V1742 — Left Rear Seat Type	2	Folding	more
V1743 — Right Rear Seat Type	2	Folding	more
V1744 — Left Rear Seat Damaged	0	None	more
V1745 — Right Rear Seat Damaged	0	None	more
V1746 — Center Rear Armrest Damaged	8	Not applicable (No Center Armrest)	more
V1747 — Left Rear Seat-back Left Lock Equipped	1	Yes	more
V1748 — Right Rear Seat-back Left Lock Equipped	0	No	more
V1749 — Left Rear Seat-back Left Lock Held	1	Yes	more
V1750 — Right Rear Seat-back Left Lock Held	8	Not applicable	more
V1751 — Left Rear Seat-back Right Lock Equipped	0	No	more
V1752 — Right Rear Seat-back Right Lock Equipped	1	Yes	more

V1753 — Left Rear Seat-back Right Lock Held	8	Not applicable	more
V1754 — Right Rear Seat-back Right Lock Held	1	Yes	more
V1755 — Left 3rd Seat Equipped	0	No	more
V1756 — Right 3rd Seat Equipped	0	No	more
V1757 — Left 3rd Seat Backrest Damaged	8	Not applicable	more
V1758 — Right 3rd Seat Backrest Damaged	8	Not applicable	more
V1759 — Left 3rd Seat Cushion Damaged	8	Not applicable	more
V1760 — Right 3rd Seat Cushion Damaged	8	Not applicable	more
V1761 — Rear Head Restraints	0	Not Equipped (or removed)	more

Driver Airbag

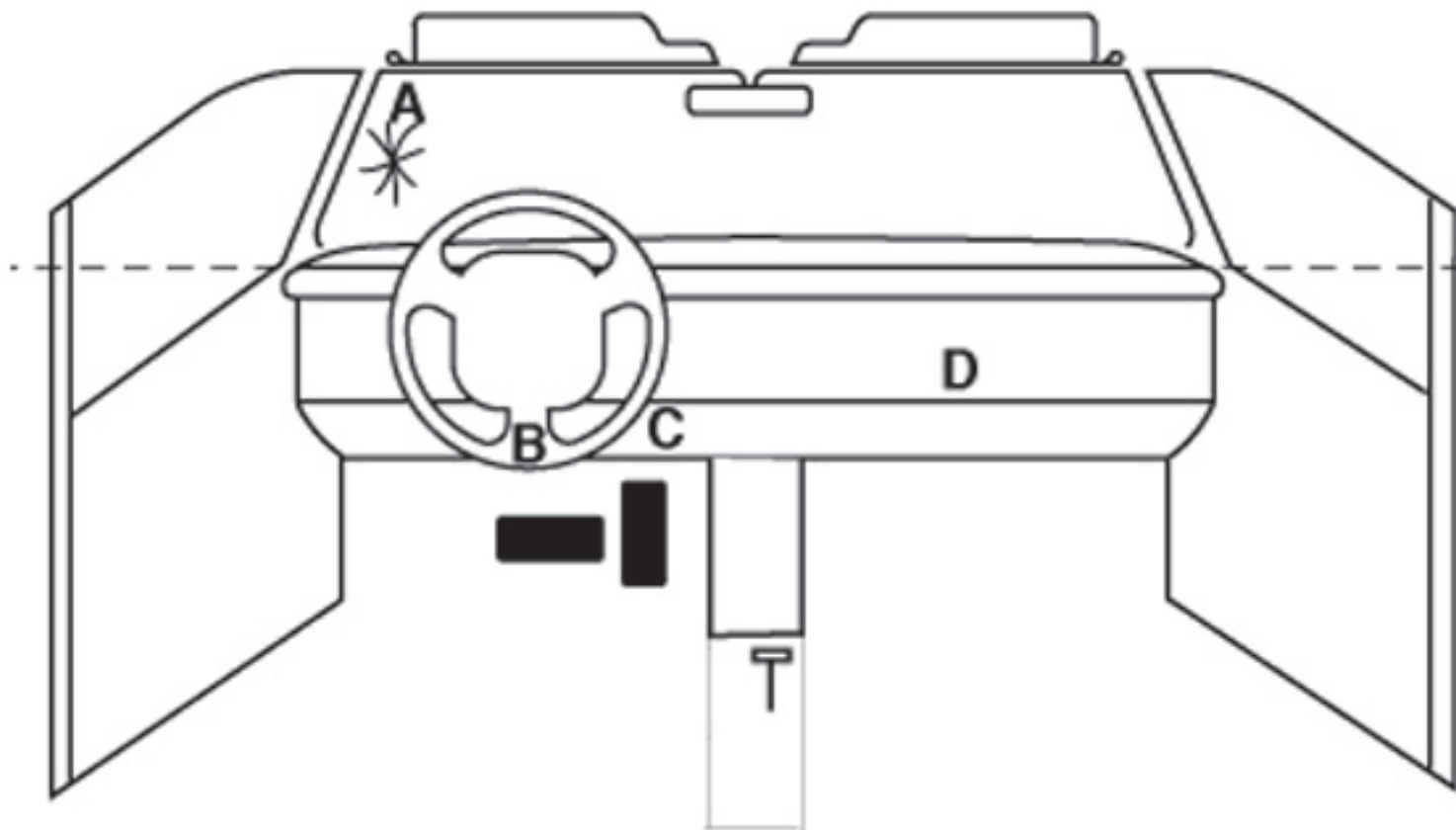


Driver Airbag Door



Vents: Y N
if yes, how many: _____

Tethers: Y N
if yes, how many: 2



- A = windshield, cracked**
- B = steering-wheel rim, bent forward**
- C = knee bolster, scuffed**
- D = glove box area, food deposit**

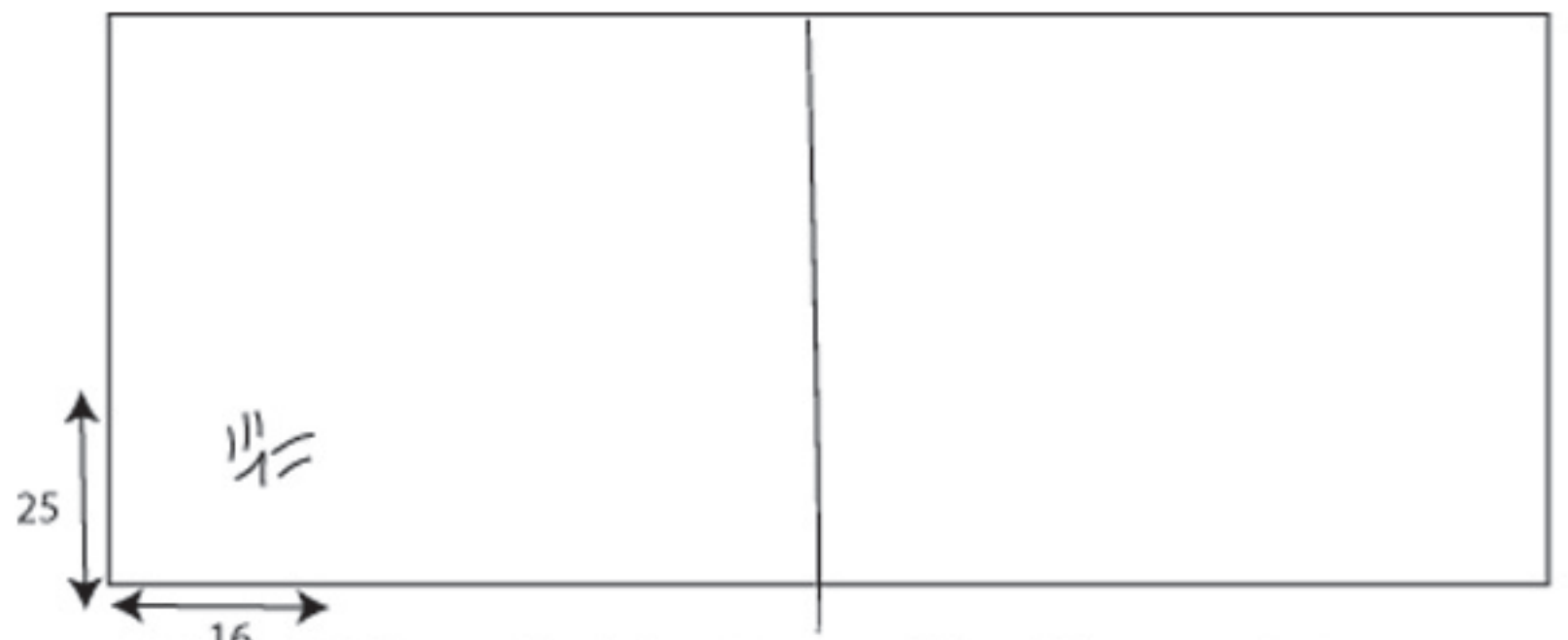
1 = Definitely 2 = Probably 3 = Possible

INTRUSION IT-1

Location of Intrusion	Intruded Component	(All Measurements Are in Centimeters)			Dominant Crush Direction
		Comparison Value	– Intruded Value	= Intrusion	
11	Transmission tunnel		–	= 9	left
11	Toe pan		–	= 13	rear
			–	=	
			–	=	
			–	=	
			–	=	
			–	=	
			–	=	
			–	=	
			–	=	
			–	=	
			–	=	
			–	=	

OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	Windshield	Dr	Unknown	Cracked	2
B	Steering wheel rim	Dr	Unknown	Bent forward	1
C	Knee bolster	Dr	Unknown	Scuff mark	1
D	Glove box area	RF	Unknown	Food deposit	3
E					
F					
G					
H					
I					
J					



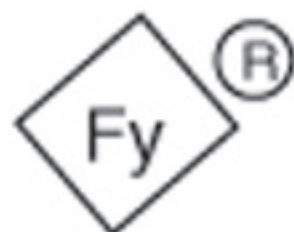
Windshield cracked due to possible driver contact

L

℄

R

WINDSHIELD MARK ON CASE VEHICLE:



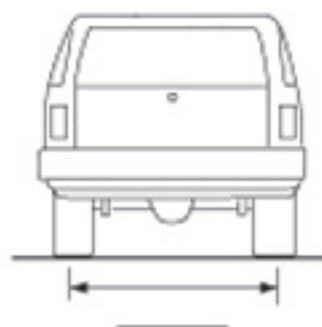
AS1 M854

DOT - 459

DW1146

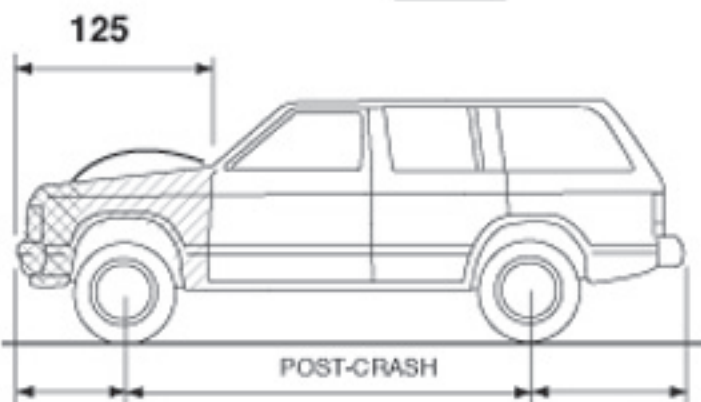
2. ..

MEASUREMENTS IN CENTIMETERS



Max. crush to center of front bumper

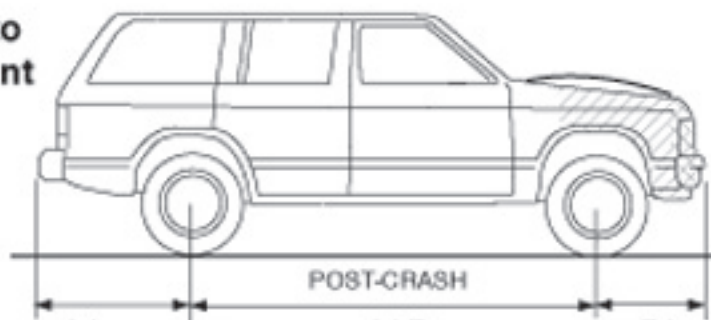
42



Bumper corner 46
Stringline 88

243

91 Bumper corner
94 Stringline

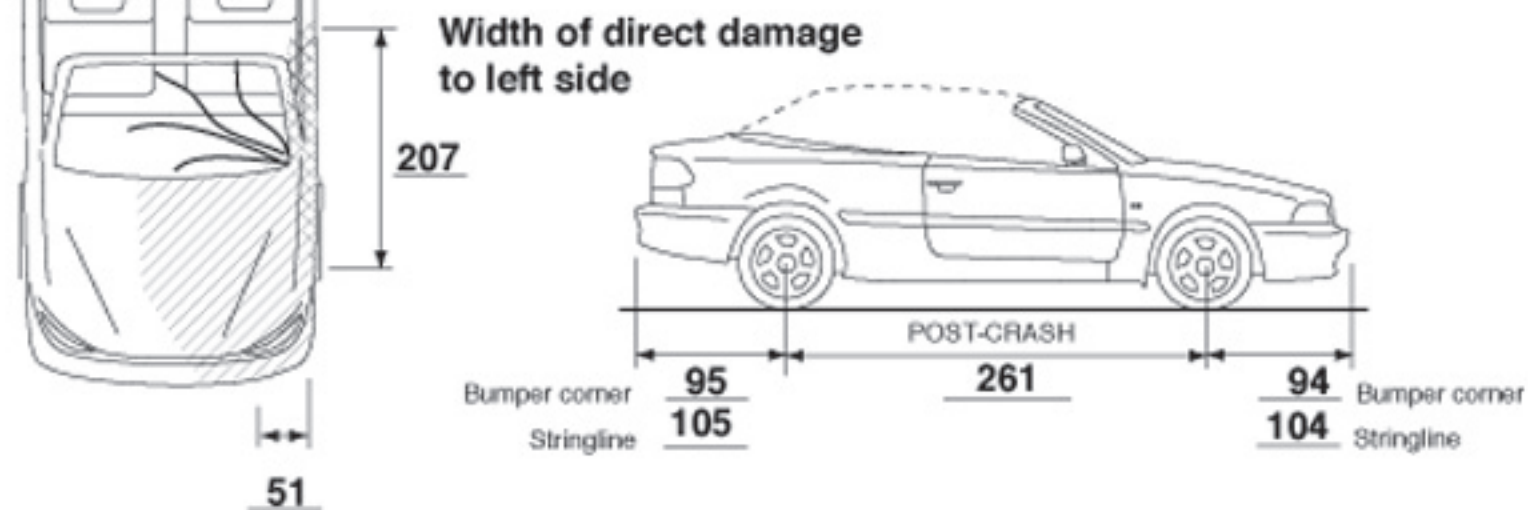
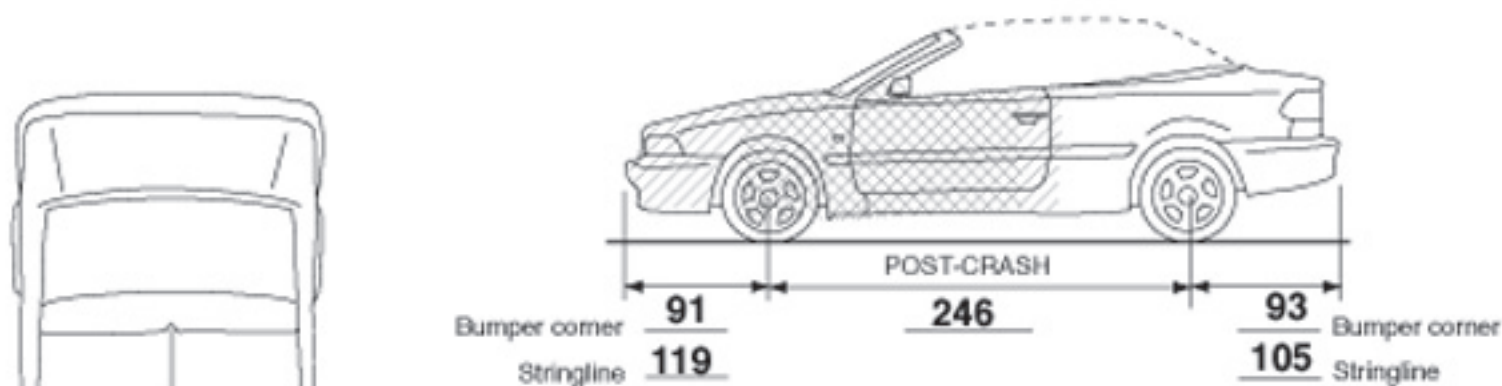
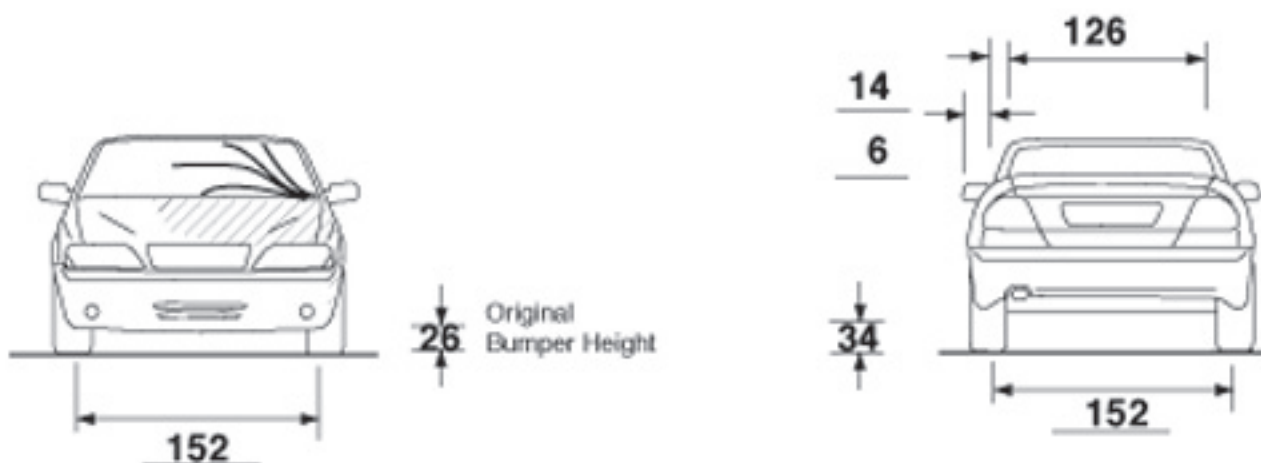


Bumper corner 91
Stringline 94

265

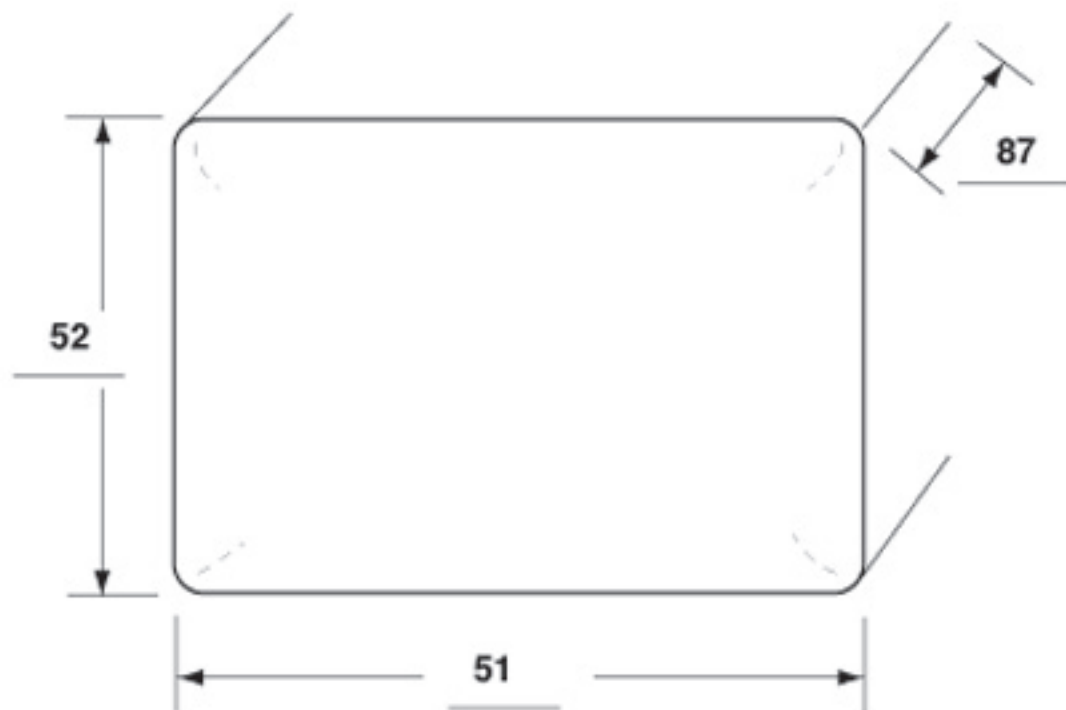
52 Bumper corner
66 Stringline

MEASUREMENTS IN CENTIMETERS



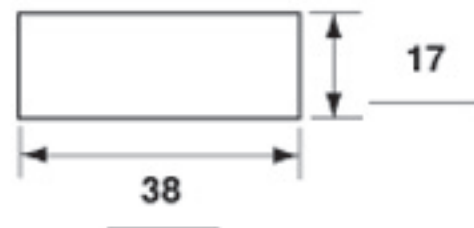
Max. crush to left side at door

Passenger Airbag



Passenger Airbag Doors

Single Door



Vents: Y N
if yes, how many: _____

Tethers: Y N
if yes, how many: _____







12KG































WARNING: AIRBAGS INFLATE WITH FORCE. PLEASE DO NOT RECLINE SEAT BACK. ALWAYS WEAR SEATBELT. IT CAN SAVE YOUR LIFE.









WARNING
DO NOT USE AIR BAGS
IF SEATED IN THE FRONT SEAT
OF A VEHICLE WITH A
SEATED AIR BAG.

WARNING
DO NOT USE AIR BAGS
IF SEATED IN THE FRONT SEAT
OF A VEHICLE WITH A
SEATED AIR BAG.

CAUTION: Do not touch the interior of the sun visor when the sun visor is open. The interior of the sun visor is hot and may cause burns. Do not use the sun visor as a storage container for flammable or volatile liquids. Do not use the sun visor as a storage container for sharp objects. Do not use the sun visor as a storage container for heavy objects. Do not use the sun visor as a storage container for valuables. Do not use the sun visor as a storage container for perishable items. Do not use the sun visor as a storage container for hazardous materials. Do not use the sun visor as a storage container for illegal substances. Do not use the sun visor as a storage container for weapons. Do not use the sun visor as a storage container for explosives. Do not use the sun visor as a storage container for radioactive materials. Do not use the sun visor as a storage container for biological hazards. Do not use the sun visor as a storage container for chemical hazards. Do not use the sun visor as a storage container for physical hazards. Do not use the sun visor as a storage container for environmental hazards. Do not use the sun visor as a storage container for other hazardous materials. Do not use the sun visor as a storage container for any other items that may be dangerous to the driver or passengers. Do not use the sun visor as a storage container for any items that may obstruct the driver's view. Do not use the sun visor as a storage container for any items that may damage the interior of the vehicle. Do not use the sun visor as a storage container for any items that may cause damage to the sun visor. Do not use the sun visor as a storage container for any items that may cause damage to the vehicle. Do not use the sun visor as a storage container for any items that may cause damage to the driver or passengers. Do not use the sun visor as a storage container for any items that may cause damage to the environment. Do not use the sun visor as a storage container for any items that may cause damage to the sun visor. Do not use the sun visor as a storage container for any items that may cause damage to the vehicle. Do not use the sun visor as a storage container for any items that may cause damage to the driver or passengers. Do not use the sun visor as a storage container for any items that may cause damage to the environment.















01-705-2117
51186
1830

VICTOR'S AUTO SERVICE
A Full Service Auto Repair Shop
GET LAST OIL CH...



4x4
4x2
4x4
4x2
4x4



























4x4

SOUTH BEACH



4x4



NORTH LYON YOUNG

4x4







SOUTH LYON STING

CHEVROLET

4x4

GOODYEAR

WRANGLER



WRANGLER

CHEROKEE













0709 FB





































STOP

