

Case 405 : Narrative

Case Vehicle (A): 1999 Ford
Type: Ranger Super Cab, 2-door pickup
Driver: 61-year-old male
CDC: 12-FZEN-3, 12-FLGN-7

SITUATION

[1](#) [2](#) [3](#) It was daylight, the sky was clear, and the surface of the two-lane asphalt road was dry and free of defects as case vehicle (A) was traveling west in the westbound lane, approaching a sharp curve to the left. As case vehicle (A) entered the curve, it was probably traveling in excess of the posted 45 mph (72 kph) speed limit and the vehicle began to move off the road to the right. The driver responded by turning the vehicle sharply to the left, [4](#) and case vehicle (A) crossed the centerline and entered the northbound lane. The driver then turned the vehicle sharply back to the right [5](#) but was unable to maintain control of the vehicle. Case vehicle (A) [6](#) departed the west edge of the road, [7](#) [8](#) became airborne over an embankment, and proceeded 32 m [9](#) after landing on the ground until it impacted into a 21-cm diameter tree with its front end. The roof and top of the windshield contacted one of the tree branches and case vehicle (A) was towed from the scene due to damage.

The police report indicates B-level injuries for the male driver and the female passenger of case vehicle (A) and both were transported to a level-one trauma facility. The driver's blood alcohol level was 0.18% BAC and he was hospitalized overnight. The passenger's blood alcohol level was 0.14% BAC and she was treated and released.

GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

[10](#) [11](#) Direct damage to the front of case vehicle (A) from the frontal impact with the tree began 18-cm from the right-front bumper corner and extended 25-cm to the left. [12](#) The maximum rearward crush at bumper level was 53 cm and it occurred to the right of the bumper center. [13](#) Direct damage to the roof from contact by the tree branch began 12-cm inboard from the upper-left corner of the windshield and extended 16-cm to the right with a maximum crush of 5 cm.

Using the WinSMASH crash reconstruction program and a crush profile for [14](#) [15](#) case vehicle (A), the following impact severity was estimated for the frontal impact with the tree:

		Calculated Velocity Change - kph (mph)		
Vehicle	Variable	Total	Longitudinal	Latitudinal
Case Vehicle (A)	delta V	40 (25)	-40 (-25)	0 (0)

DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

Exterior

[16](#) Primary damage to case vehicle (A) was to the front, which was crushed rearward into the engine compartment. [17](#) [18](#) The left and right bumper corners were pulled in to the center and both headlight assemblies were displaced but the glass was intact. The front of the hood was crushed into the engine compartment and grille, the hood was buckled up in the middle, and the rear edge of the hood was elevated but it did not contact the windshield. The damaged hood latch was jammed and [19](#) [20](#) the left and right hood hinges were damaged but not separated. [21](#) The roof above the left side of the windshield was crushed slightly rearward and there was a dense pattern of cracks radiating down from the upper-left corner of the windshield. [22](#) There were diagonal cracks on the right side of the windshield due to displacement of the cowl.

[23](#) [24](#) [25](#) On the left side, the fender was pulled slightly to the right but there was no damage to the front wheel or to the front tire and there was no significant change in the left wheelbase. There was no other damage to the left side of the vehicle.

[26](#) There was no damage to the rear of case vehicle (A).

[27](#) [28](#) [29](#) On the right side, the fender was slightly pulled to the left but there was no damage to the front wheel or tire and there was no significant change in the right wheelbase. [29](#) [30](#) [31](#) The upper A-pillar was slightly displaced and the right-front door was out of alignment but there was no other damage to the right side.

Interior

[32](#) This vehicle was equipped with steering-wheel and dash-mounted frontal-impact airbags and both deployed in the frontal impact with the tree. [33](#) In the driver area, there was no damage to the steering-wheel airbag but [34](#) there were bloodstains on all four quadrants of the

airbag fabric with a large stain on the lower-right quadrant. [35](#) There was no damage to the steering-wheel airbag module cover and there was no rotation of the steering column, but the upper-right steering-wheel spoke was displaced at the hub. [36](#) [37](#) The upper section of the steering-wheel rim was deflected 4-cm to the right. [38](#) [39](#) The A-pillar was displaced

rearward but there was no damage to the roof interior, to the windshield header, to the sunvisor, or to the seatback. [40](#) The lower left corner of the instrument panel was detached, [41](#) the upper-left corner of the knee bolster was displaced, and [42](#) there were bloodstains on the interior panel of the driver door. [43](#) The toepan was displaced to the rear but there was no damage to the kick panel or to the foot controls.

[44](#) [45](#) In the center-front area, there was no damage to the roof interior or to the windshield header, but the rearview mirror was missing and the ashtray was displaced. [46](#) There was a large crack in the instrument panel between the radio controls and the cigarette lighter, [47](#) there was a slight scuffmark on the transmission selector lever, [48](#) there was a bloodstain on the selector base, and [49](#) there were bloodstains on the seat cushion in front of the center console.

[50](#) In the right-front seating area, there was no damage to the dash-mounted airbag but there were bloodstains on the airbag fabric in the center of the upper two quadrants and in the lower-left quadrant. [51](#) [52](#) [53](#) There was no damage to the dash-mounted airbag module cover, to the roof interior, to the windshield header, or to the sunvisor, but the A-pillar was displaced to the rear. There was no damage to the right-front door, to the seatback, or to the seat cushion, but the seat adjuster was jammed in the

middle track position, and the instrument panel and the toepan were displaced to the rear. [54](#) There were bloodstains on the right side of the instrument panel and [55](#) there was a slight scuffmark on the cracked glovebox.

[56 57](#) There was no damage in the rear seating area of the vehicle.

The following intrusions were noted and measured:

Location	Component	Distance (cm)	Direction
driver	instrument panel	9	to rear
	A-pillar	5	to rear
	toepan	5	to rear
center front	instrument panel	6	to rear
right front	instrument panel	8	to rear
	toepan	7	to rear
	A-pillar	5	to rear

OCCUPANT KINEMATICS AND INJURIES

[39](#) The 178-cm, 117-kg (5-ft 10-in, 258-lb) 61-year-old male driver was **not** using the three-point belt and the steering-wheel airbag deployed during the frontal impact with the tree. There was no evidence of belt use [58](#) on the D-ring or [59 60](#) on the continuous loop. On impact, the driver moved forward relative to the vehicle interior, into the airbag and knee bolster. He sustained a laceration to the nose extending into the septum and a laceration to the left side of the upper lip, possibly from contact by the airbag-module flaps. He also sustained a laceration to an unspecified finger on the right hand, probably [46](#) from contact with the radio console.

[44 52](#) The 157-cm, 52-kg (5-ft 2-in, 115-lb) 42-year-old female right-front passenger was using the three-point belt and the dash-mounted airbag deployed during the frontal impact. [61](#) Webbing load marks on the D-ring, [62](#) on the shoulder belt, and [63 64](#) on the continuous loop confirm belt use by the passenger. On impact, she moved forward relative to the vehicle interior, into the three-point belt and the dash-mounted airbag. She sustained an abrasion to the right side of the neck from loading by the shoulder belt, and a contusion across the abdomen from loading by the lap belt. She sustained a contusion to the left shoulder from an unknown source, and she sustained a contusion and a sprain to the left wrist, possibly from contact with [48 49](#) the transmission selector lever. She also sustained a laceration to the left knee and an abrasion to the left shin from contact with the knee bolster/glove box.

The following tables and [65 66](#) attached drawings summarize the injuries sustained by the driver and right-front passenger of case vehicle (A).

Occupant: Driver	Age: 61 years	Gender: Male
Restraints: Steering-wheel airbag	Stature: 178 cm (5 ft, 10 in)	Mass: 117 kg (258 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
—	—	—	—	—
Laceration, nose extending into septum	1	—	—	Airbag module flap
Laceration, left side of upper lip	1	—	—	Airbag module flap
Laceration, unspecified finger on right hand	1	—	Radio console	—
Maximum A.I.S. Level	1	—	—	—
Injury Severity Score	1	—	—	—

Occupant: Right front	Age: 42 years	Gender: Female		
Restraints: 3-point belt; dash-mounted airbag	Stature: 157 cm (5 ft, 2 in)	Mass: 52 kg (115 lb)		
Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
—	—	—	—	—
Abrasion, right side of neck	1	Shoulder belt	—	—
Contusion, left shoulder	1	Unknown	—	—
Contusion, abdomen	1	Lap belt	—	—
Contusion, left wrist	1	—	—	Transmission selector lever
Sprain, left wrist	1	—	—	Transmission selector lever
Laceration, left knee	1	Knee bolster/glove box	—	—
Abrasion, left shin	1	Knee bolster/glove box	—	—
Maximum A.I.S. Level	1	—	—	—
Injury Severity Score	2	—	—	—

CASE NO.: 405

CASE VEHICLE: 1999 Ford

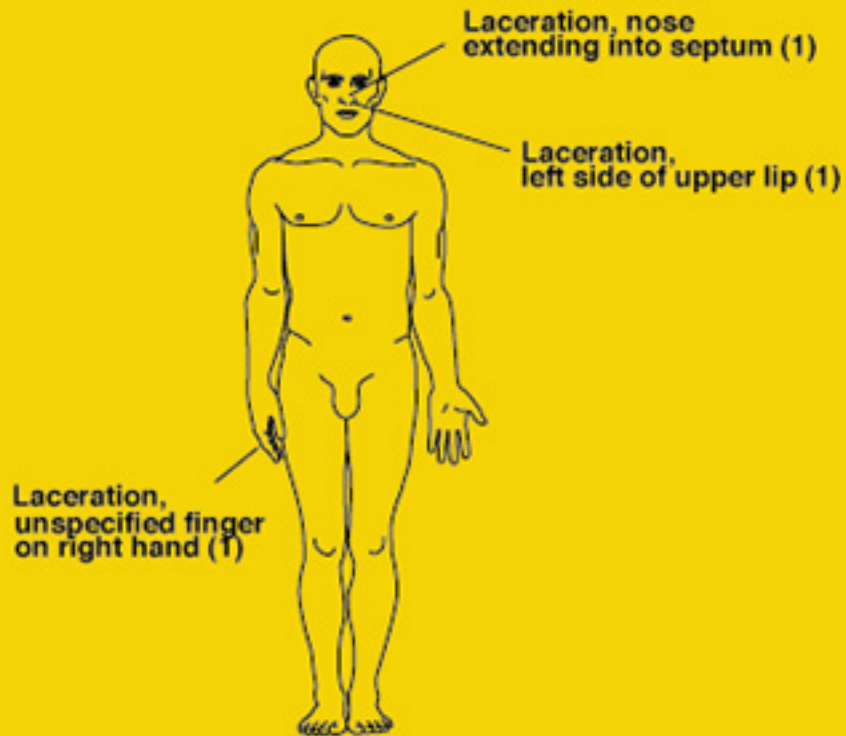
TYPE: Ranger Super Cab, 2-door pickup

OCCUPANT: (Driver) 61-year-old male

STATURE: 178 cm (5 ft,10 in) MASS: 117 kg (258 lb)

RESTRAINTS: Steering-wheel airbag

SEVERITY: MAIS - 1 ISS - 1



CASE NO: 405

CASE VEHICLE: 1999 Ford

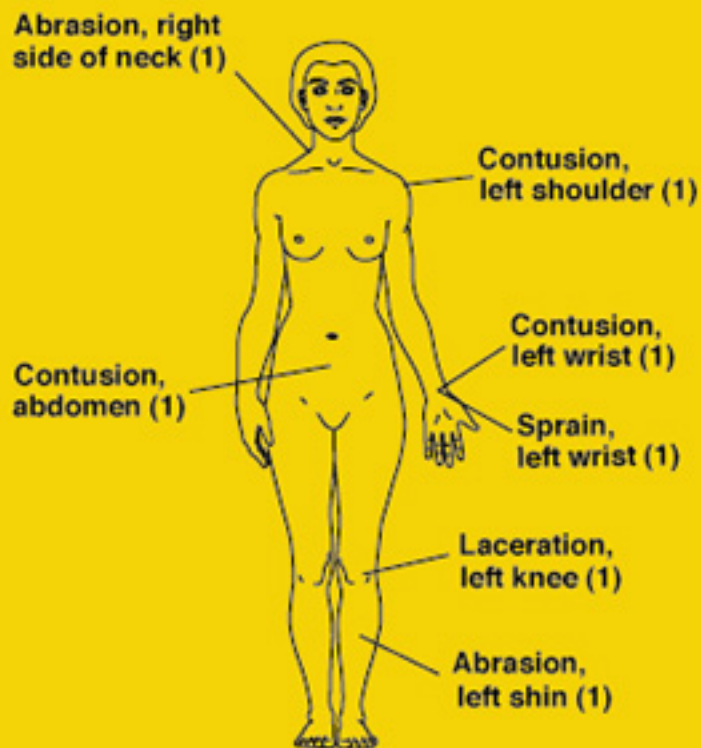
TYPE: Ranger Super Cab, 2-door pickup

OCCUPANT: (Right front) 42-year-old female

STATURE: 157 cm (5 ft, 2 in) MASS: 52 kg (115 lb)

RESTRAINTS: 3-point belt; dash-mounted airbag

SEVERITY: MAIS - 1 ISS - 2



Case No.: 405

Case Vehicle (A): 1999 Ford

Type: Ranger Super Cab, 2-door pickup

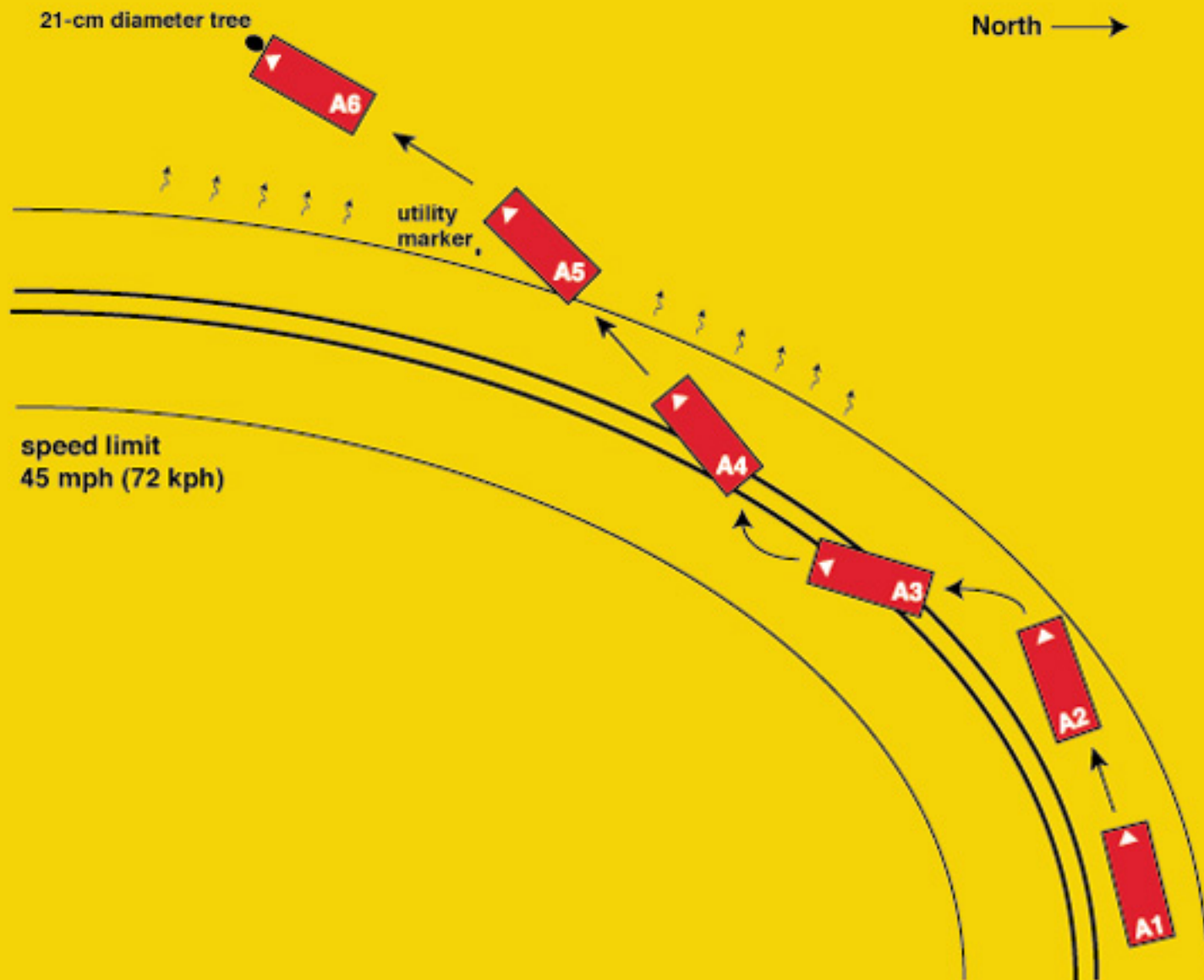
Driver: 61-year-old male

Light Conditions: Daylight

Weather: Clear

Road Surface: Dry

Road Construction: Asphalt



Vehicle Report

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General Conditions

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Variable Number and Name	Code Value	Code Description	Other Options
V206 — Urban/Rural Area	2	Rural	more
V207 — Limited Access Highway	0	No	more
V208 — Road Total Lanes	2	2 lanes	more
V209 — Intersecting Road Total Lanes	8	Not applicable	more
V210 — Road Surface Type	1	Asphalt	more
V211 — Road Defects	0	No	more
V212 — Construction Zone	0	No	more
V213 — Road Alignment Vertical Plane	3	Slope (2%)	more
V214 — Road Alignment Horizontal Plane	2	Curve	more
V215 — Surface Covering	10	Dry	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	0	None	more
V220 — Precipitation Rate	8	Not applicable	more
V221 — Temperature	6	16 to 25 C .. 60 to 77 F	more

V222 — Crosswind	9	Unknown	more
V223 — Light Conditions	1	Daylight	more
V224 — Mechanical Malfunction Mention	0	No	more
V225 — Case Vehicle and Object	1	Yes	more
V226 — Case Vehicle Rollover	0	No	more
V227 — Case Vehicle Ran Off Roadway	1	Yes	more
V228 — Moving Case Vehicle/Contacted Moving Vehicle	0	No	more
V229 — Case Vehicle/Contacted Stopped Vehicle	0	No	more
V230 — Stopped Case Vehicle/Contactd Vehicle	0	No	more
V231 — Total Vehicles Hit By Case Vehicle	0	0 vehicles	more
V232 — Any Fire in Crash	0	No	more
V233 — Max Police Severity-PAR	2	B - Non-Incapacitating Injury	more
V234 — Driver Alcohol Involvement	1	Had been drinking	more
V235 — Driver Alcohol BAC	18	—	—
V236 — Driver Impairment Mention	1	Yes	more
V237 — Driven/Towed From Scene	2	Towed Due to Damage	more

Other Vehicle

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

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

Case Vehicle General



[Click for case vehicle figure](#)

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Variable Number and Name	Code Value	Code Description	Other Options
V401 — VIN	1FTYR14C4XTB	—	—
V402 — Manufacturer/Body Code	12112	—	—
V403 — Vehicle Manufacturer	121	Ford	more
V404 — Vehicle Body Code	12	—	—
V405 — Make/Model Code	3120	Ranger R14	more
V406 — Model Year	1999	—	—
V407 — Vehicle Mass	001447 kg	—	—
V408 — Odometer Reading	058761 miles	—	—
V409 — Number of Occupants	02	—	—
V410 — Traveling Speed	999	Unknown	more
V411 — Body Type	32	Pickup truck (small)	more
V412 — Stolen Vehicle	8	Not currently collected	more
V413 — Body Structure	1	Body and frame	more
V414 — Transmission Type	2	Manual	more
V415 — Transmission Lever Location	1	Floor	more
V416 — Steering	1	Power	more

V417 — Brakes	1	Power	more
V418 — Brake Type	2	Disc - front wheels	more
V419 — Brake Anti-lock Device	2	Four-wheel	more
V420 — Air Conditioning in Vehicle	8	Not currently collected	more
V421 — Drive Type	1	Rear 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	319 cm	—	—
V427 — Anti-lacerative Glass	0	None	more
V428 — Average Track Width	148 cm	—	—
V429 — Overall Length	515 cm	—	—
V430 — Overall Width (OAW)	176 cm	—	—
V431 — Front Overhang	085 cm	—	—
V432 — Rear Overhang	112 cm	—	—
V433 — Undeformed End Width (UEW)	149 cm	—	—
V434 — Engine Displacement	2.5 l	—	—
V435 — Engine: Number of Cylinders	04	—	—
V436 — Direct Damage Length (DDL)	025 cm	—	—
V437 — Front End Overlap % (FEO)	99	Missing or Not applicable	more
V438 — Vehicle Overlap % (VOL)	99	Missing or Not applicable	more

Case Vehicle Damage Description

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Variable Number and Name	Code Value	Code Description	Other Options
V501 — Maximum Crush - Front	053 cm	—	—
V502 — Maximum Crush - Right Side	000 cm	No crush (or less than 1 cm.)	more
V503 — Maximum Crush - Rear	000 cm	No crush (or less than 1 cm.)	more
V504 — Maximum Crush - Left Side	000 cm	No crush (or less than 1 cm.)	more
V505 — Maximum Crush - Roof	005 cm	—	—
V506 — Maximum Crush - Other	000 cm	No crush (or less than 1 cm.)	more
	1		

V507 — Are Events In Chronological Order		Yes	more
V508 — Event 1 Impact Location	4	Outside Roadside right-of-way	more
V509 — Event 1 Impact Configuration	17	FRONT of case veh - object	more
V510 — Event 1 Object/Vehicle Contacted	77	Sign post, utility pole, tree	more
V511 — Event 2 Impact Location	4	Outside Roadside right-of-way	more
V512 — Event 2 Impact Configuration	17	FRONT of case veh - object	more
V513 — Event 2 Object/Vehicle Contacted	77	Sign post, utility pole, tree	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	1	Investigator	more

- Estimated By			
V532 — Primary CDC Case Vehicle -crush	053	—	—
V533 — Primary CDC Case Vehicle -clock #1	12	12 o'clock	more
V534 — Primary CDC Case Vehicle letter 1 #1	06	F - Front	more
V535 — Primary CDC Case Vehicle letter 2 #1	26	Z - Side or end (B + P or R + C)	more
V536 — Primary CDC Case Vehicle letter 3 #1	05	E - Everything below belt line	more
V537 — Primary CDC Case Vehicle letter 4 #1	14	N - Narrow impact area	more
V538 — Primary CDC Case Vehicle Extent #1	03	Extent 3	more
V539 — Primary CDC Case Vehicle -CDC #1	12FZEN3	—	—
V541 — Primary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V542 — Primary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V543 — Primary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V544 — Primary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V545 — Primary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	more
V546 — Primary CDC Case Vehicle -CDC #2	9800000	—	—
V547 — Primary CDC Contacted Vehicle - Impact Speed	998	Not Applicable	more
V548 — Primary CDC Contacted Vehicle - Estimated By	8	Not applicable (no vehicle/no impact)	more
V549 — Primary CDC Contacted Vehicle -crush	998	Not Applicable	more
V550 — Primary CDC Contacted Vehicle -clock #1	98	Not Applicable	more
V551 — Primary CDC Contacted Vehicle letter 1 #1	00	Missing Data/Not applicable	more
V552 — Primary CDC Contacted Vehicle letter 2 #1	00	Missing Data/Not applicable	more
V553 — Primary CDC Contacted Vehicle letter 3 #1	00	Missing Data/Not applicable	more

V554 — Primary CDC Contacted Vehicle letter 4 #1	00	Missing Data/Not applicable	more
V555 — Primary CDC Contacted Vehicle Extent #1	00	Missing Data/Not applicable	more
V556 — Primary CDC Contacted Vehicle -CDC #1	9800000	—	—
V558 — Primary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V559 — Primary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V560 — Primary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V561 — Primary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V562 — Primary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	more
V563 — Primary CDC Contacted Vehicle -CDC #2	9800000	—	—
V564 — Secondary CDC Case Vehicle - Event No	2	Event 1	more
V565 — Secondary CDC Case Vehicle - Impact Speed	999	Unknown	more
V566 — Secondary CDC Case Vehicle - Estimated By	1	—	—
V567 — Secondary CDC Case Vehicle -crush	005	—	—
V568 — Secondary CDC Case Vehicle -clock #1	12	12 o'clock	more
V569 — Secondary CDC Case Vehicle letter 1 #1	06	F - Front	more
V570 — Secondary CDC Case Vehicle letter 2 #1	12	L - Left (Front or Rear)	more
V571 — Secondary CDC Case Vehicle letter 3 #1	07	G - Belt line and above	more
V572 — Secondary CDC Case Vehicle letter 4 #1	14	N - Narrow impact area	more
V573 — Secondary CDC Case Vehicle Extent #1	07	Extent 7	more
V574 — Secondary CDC Case Vehicle -CDC #1	12FLGN7	—	—
V576 — Secondary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V577 — Secondary CDC Case	00	Missing Data/Not applicable	more

Vehicle letter 2 #2			
V578 — Secondary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V579 — Secondary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V580 — Secondary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	more
V581 — Secondary CDC Case Vehicle -CDC #2	9800000	—	—
V582 — Secondary CDC Contacted Vehicle - Impact Speed	998	Not Applicable	more
V583 — Secondary CDC Contacted Vehicle - Estimated By	8	Not applicable (no vehicle/no impact)	more
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

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Variable Number and Name	Code Value	Code Description	Other Options
V601 — Case Vehicle Primary Impact Number	1	—	—
V602 — Primary Impact Total Delta-V	040 kph	—	—
V603 — Primary Case Vehicle Reconstructed Longitudinal Delta-V	-040 kph	—	—
V604 — Primary Case Vehicle Reconstructed Lateral Delta-V	0000 kph	—	—
V605 — Primary Case Vehicle Reconstructed Crush Energy	0118 kJ	—	—
V606 — Primary Impact Case Vehicle - reconstruction	22	Reconstructed, moderate confidence level	more
V607 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	more
V608 — Primary Contacted Vehicle Reconstructed Total Delta-V	888	N/A	more
	8888		

V609 — Primary Contacted Vehicle Reconstructed Longitudinal Delta-V			—	—
V610 — Primary Contacted Vehicle Reconstructed Lateral Delta- V	8888		—	—
V611 — Primary Contacted Vehicle Reconstructed Crush Energy	8888		—	—
V612 — Case Vehicle Secondary Impact Number	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 —	88			

Secondary Case Vehicle Reconstruction 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	040 kph	—	—
V625 — Primary Case Vehicle	-040 kph		

Reconstructed Longitudinal EBS		—	—
V626 — Primary Case Vehicle Reconstructed Lateral EBS	0000 kph	—	—
V627 — Primary Case Vehicle Reconstructed Crush Energy	0118 kJ	—	—
V628 — Primary Case Vehicle Reconstruction Note	22	Reconstructed, moderate confidence level	more
V629 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	more
V630 — Primary Contacted Vehicle Reconstruction Total EBS	888	N/A	more
V631 — Primary Contacted Vehicle Reconstruction Longitudinal EBS	8888	—	—
V632 — Primary Contacted Vehicle Reconstruction Lateral EBS	8888	—	—
V633 — Primary Contacted Vehicle Reconstruction Crush Energy	8888	—	—

V634 — Case Vehicle Secondary Impact Number	8	Not applicable	more
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	8888	—	—

EBS			
V643 — Secondary Contacted Vehicle Reconstruction Lateral EBS	8888	—	—
V644 — Secondary Contacted Vehicle Reconstruction Crush Energy	8888	—	—
V645 — Case Vehicle Reconstructed Impact Number	1	—	—
V646 — Case Vehicle Impact 1 Plane	1	Bumper	more
V647 — Case Vehicle Impact 1 Direct Damage Length [DDL]	025 cm	—	—
V648 — Case Vehicle Impact 1 Max Crush	053 cm	—	—
V649 — Case Vehicle Impact 1 Field-L	060 cm	—	—
V650 — Case Vehicle Impact 1 C1	000 cm	No Crush	more
V651 — Case Vehicle Impact 1 C2	042 cm	—	—
V652 — Case Vehicle Impact 1 C3	053 cm	—	—
V653 — Case Vehicle Impact 1 C4	048 cm	—	—

V654 — Case Vehicle Impact 1 C5	026 cm	—	—
V655 — Case Vehicle Impact 1 C6	000 cm	No Crush	more
V656 — Case Vehicle Impact 1 +/- D	0062 cm	—	—
V657 — Case Vehicle Reconstructed Impact Number	2	—	—
V658 — Case Vehicle Impact 2 Plane	5	Other	more
V659 — Case Vehicle Impact 2 Direct Damage Length [DDL]	016 cm	—	—
V660 — Case Vehicle Impact 2 Max Crush	005 cm	—	—
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 Impact 2 C6	998	Not applicable	more
V668 — Case Vehicle Impact 2 +/- D	0998 cm	—	—
V669 — Other Vehicle Reconstructed Impact Number	9	Unknown	more
V670 — Other Vehicle Impact 1 Plane	9	Unknown	more
V671 — Other Vehicle Impact 1 Direct Damage Length [DDL]	999	Unknown	more
V672 — Other Vehicle Impact 1 Max Crush	999	Unknown	more
V673 — Other Vehicle Impact 1 Field-L	999	Unknown	more
V674 — Other Vehicle Impact 1 C1	999	Unknown	more
V675 — Other Vehicle Impact 1 C2	999	Unknown	more
V676 — Other Vehicle Impact 1 C3	999	Unknown	more
V677 — Other Vehicle Impact 1 C4	999	Unknown	more
V678 — Other Vehicle Impact 1 C5	999	Unknown	more
V679 — Other Vehicle Impact 1 C6	999	Unknown	more

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

Case Vehicle Tires & Rims

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Variable Number and Name	Code Value	Code Description	Other Options
V701 — Left Front Wheel Damaged	0	No	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	P235/75R15	—	—
V718 — Right Front Tire Size	P235/75R15	—	—
V719 — Right Rear Tire Size	P235/75R15	—	—
V720 — Left Rear Tire Size	P235/75R15	—	—

Case Vehicle Fuel, Tank, Fire

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Variable Number and Name	Code Value	Code Description	Other Options
V801 — Propulsive Fuel Type	1	Gasoline	more
V802 — Main Tank Location	322	Within frame/centered laterally - within vertically	more
V803 — Main Filler Cap Location	313	Left of frame laterally - above vertically	more



V804 — Main Tank Material	1	Steel	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

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

V1121 — Lower Left A-pillar Separation	0	No	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	8	Not applicable (not equipped)	more
V1126 — Upper Left D-pillar Separation	8	Not applicable (not equipped)	more
V1127 — Lower Left D-pillar Separation	8	Not applicable (not equipped)	more
V1128 — Left Front Door Opening Cause	0	Door did not open	more
V1129 — Left Rear Door Opening Cause	8	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 — Rear Door Type	0	No door (includes pickups)	more
V1133 — Rear Door Opening Cause	8	Not applicable (no rear door)	more
V1134 — Rear Door Jammed Closed	8	Not applicable (no rear door)	more
V1135 — Luggage Partition Damagd	8	Not applicable	more
V1136 — Spare Tire Status	8	Not collected	more
V1137 — Trailer Hitch Type	0	No hitch	more
V1138 — Trailer Type	0	No trailer	more
V1139 — Right Side Body Mount Separation	0	No	more
V1140 — Upper Right A-pillar Separation	4	No separation, but damaged	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	8	Not applicable (not equipped)	more

Separation			
V1146 — Upper Right D-pillar Separation	8	Not applicable (not equipped)	more
V1147 — Lower Right D-pillar Separation	8	Not applicable (not equipped)	more
V1148 — Right Front Door Opening Cause	00	Door did not open	more
V1149 — Right Rear Door Opening Cause	98	Not applicable (no right rear door)	more
V1150 — Right Front Door Jammed Closed	0	No	more
V1151 — Right Rear Door Jammed Closed	8	Not applicable (no right rear door)	more
V1152 — Van Rear Door Type	8	Not applicable (not a van)	more
V1153 — Windshield Cracked		Yes	more
V1154 — Windshield Broken	0	No	more
V1155 — Windshield Cracked or Broken by Occupant	0	No	more
V1156 — Bond Separation Extent	0	None	more
V1157 — Windshield Code		—	—
V1158 — Did Sun/T Roof Open	8	Not Applicable	more

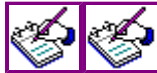
Case Vehicle
Steering
Column/Rim

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Variable Number and Name	Code Value	Code Description	Other Options
V1201 — Steering Wheel Rim Damage	1	Deformed slightly	more
V1202 — Number of Steering Wheel Spokes	4	4 spokes	more
V1203 — Steering Wheel Spoke Damage	1	Deformed slightly	more

V1204 — Column Tilt Feature	3	Middle	more
V1205 — Column Swing-away Feature	0	Not equipped	more
V1206 — Column Telescoping Feature	0	Not equipped	more
V1207 — Wheel Energy Absorb Device	8	Not collected	more
V1208 — Wheel Ea Orig/Damaged Diff	888	Not collected	more
V1209 — Column Energy Absorb Device	88	Not collected	more
V1210 — Column Ea Orig/Comprss Diff	888	Not collected	more
V1211 — Shear Capsule Separation	888	Not collected	more
V1212 — Column Vertical Rotation	0	No apparent rotation	more
V1213 — Column Lateral Rotation	0	No apparent rotation	more
V1214 — Steering Wheel Hub Damage	0	None	more

Case Vehicle Intrusion



Click for intrusion figures

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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	01	Instrument panel	more
V1306 — Intrusion 01 Assoc Event Number	1	Event #1	more
V1307 — Intrusion 01 Max Intrusion X-axis	09 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	01	Occupant number 1, contact	more

V1311 — Intrusion 01 Injury Number	03	Injury #3	more
V1312 — Intrusion 01 Occupant Number	00	No contact or no intrusion	more
V1313 — Intrusion 01 Injury Number	00	No injury or no intrusion	more
V1314 — Intrusion Number 02	02	Intrusion #2	more
V1315 — Intrusion 02 Occupant Space Number	11	First row, Left seat	more
V1316 — Intrusion 02 Intruding Object	08	A-pillar	more
V1317 — Intrusion 02 Assoc Event Number	1	Event #1	more
V1318 — Intrusion 02 Max Intrusion X-axis	05 cm	—	—
V1319 — Intrusion 02 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1320 — Intrusion 02 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1321 — Intrusion 02 Occupant Number	00	No contact or no intrusion	more
V1322 — Intrusion 02 Injury Number	00	No injury or no intrusion	more
V1323 — Intrusion 02 Occupant Number	00	No contact or no intrusion	more
V1324 — Intrusion 02 Injury Number	00	No injury or no intrusion	more
V1325 — Intrusion Number 03	03	Intrusion #3	more
V1326 — Intrusion 03 Occupant Space Number	11	First row, Left seat	more
V1327 — Intrusion 03 Intruding Object	03	Toe pan	more
V1328 — Intrusion 03 Assoc Event Number	1	Event #1	more
V1329 — Intrusion 03 Max Intrusion X-axis	05 cm	—	—
V1330 — Intrusion 03 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1331 — Intrusion 03 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1332 — Intrusion 03 Occupant Number	00	No contact or no intrusion	more
V1333 — Intrusion 03 Injury Number	00	No injury or no intrusion	more
V1334 — Intrusion 03 Occupant Number	00	No contact or no intrusion	more
V1335 — Intrusion 03 Injury Number	00	No injury or no intrusion	more

V1336 — Intrusion Number 04	04	Intrusion #4	more
V1337 — Intrusion 04 Occupant Space Number	12	First row, Center seat	more
V1338 — Intrusion 04 Intruding Object	01	Instrument panel	more
V1339 — Intrusion 04 Assoc Event Number	1	Event #1	more
V1340 — Intrusion 04 Max Intrusion X-axis	06 cm	—	—
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	00	No injury or no intrusion	more
V1347 — Intrusion Number 05	05	Intrusion #5	more
V1348 — Intrusion 05 Occupant Space Number	13	First row, Right seat	more
V1349 — Intrusion 05 Intruding Object	01	Instrument panel	more
V1350 — Intrusion 05 Assoc Event Number	1	Event #1	more
V1351 — Intrusion 05 Max Intrusion X-axis	08 cm	—	—
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	02	Occupant number 2, contact	more
V1355 — Intrusion 05 Injury Number	06	Injury #6	more
V1356 — Intrusion 05 Occupant Number	00	No contact or no intrusion	more
V1357 — Intrusion 05 Injury Number	00	No injury or no intrusion	more
V1358 — Intrusion Number 06	06	Intrusion #6	more
V1359 — Intrusion 06 Occupant Space Number	13	First row, Right seat	more
V1360 — Intrusion 06 Intruding	03	Toe pan	more

Object			
V1361 — Intrusion 06 Assoc Event Number	1	Event #1	more
V1362 — Intrusion 06 Max Intrusion X-axis	07 cm	—	—
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	00	No injury or no intrusion	more
V1369 — Intrusion Number 07	07	Intrusion #7	more
V1370 — Intrusion 07 Occupant Space Number	13	First row, Right seat	more
V1371 — Intrusion 07 Intruding Object	08	A-pillar	more
V1372 — Intrusion 07 Assoc Event Number	1	Event #1	more
V1373 — Intrusion 07 Max Intrusion X-axis	05 cm	—	—
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	00	No injury or no intrusion	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	00 cm	0 cm or No Intrusion	more

X-axis			
V1385 — Intrusion 08 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1386 — Intrusion 08 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1387 — Intrusion 08 Occupant Number	00	No contact or no intrusion	more
V1388 — Intrusion 08 Injury Number	00	No injury or no intrusion	more
V1389 — Intrusion 08 Occupant Number	00	No contact or no intrusion	more
V1390 — Intrusion 08 Injury Number	99	Contact, injury unknown or data not collected	more
V1391 — Intrusion Number 09	00	No Intrusion, None	more
V1392 — Intrusion 09 Occupant Space Number	00	No Intrusion, None	more
V1393 — Intrusion 09 Intruding Object	00	No Intrusion, None	more
V1394 — Intrusion 09 Assoc Event Number	0	No Intrusion, None	more
V1395 — Intrusion 09 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1396 — Intrusion 09 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1397 — Intrusion 09 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1398 — Intrusion 09 Occupant Number	00	No contact or no intrusion	more
V1399 — Intrusion 09 Injury Number	00	No injury or no intrusion	more
V1400 — Intrusion 09 Occupant Number	00	No contact or no intrusion	more
V1401 — Intrusion 09 Injury Number	99	Contact, injury unknown or data not collected	more
V1402 — Intrusion Number 10	00	No Intrusion, None	more
V1403 — Intrusion 10 Occupant Space Number	00	No Intrusion, None	more
V1404 — Intrusion 10 Intruding Object	00	No Intrusion, None	more
V1405 — Intrusion 10 Assoc Event Number	0	No Intrusion, None	more
V1406 — Intrusion 10 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1407 — Intrusion 10 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more

V1408 — Intrusion 10 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1409 — Intrusion 10 Occupant Number	00	No contact or no intrusion	more
V1410 — Intrusion 10 Injury Number	00	No injury or no intrusion	more
V1411 — Intrusion 10 Occupant Number	00	No contact or no intrusion	more
V1412 — Intrusion 10 Injury Number	99	Contact, injury unknown or data not collected	more
V1413 — Door Intrusion Number 01	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](#)

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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	1	Yes	more
V1509 — Passenger Airbag Tether	0	No	more
V1510 — Passenger Airbag Marked By Contact	1	Yes	more

**Case Vehicle
Interior**

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Variable Number and Name	Code Value	Code Description	Other Options
V1601 — Left Front Door Damaged	4	Yes, occupant contact	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	1	Yes	more
V1608 — Right Front Glass Damaged	1	Yes	more
V1609 — Left Rear Door Area Damaged	0	No	more
	0		

V1610 — Right Rear Door Area Damaged		No	more
V1611 — Left Rear Hardware Damaged	0	No	more
V1612 — Right Rear Hardware Damaged	0	No	more
V1613 — Left Rear Armrest Damaged	8	Not applicable	more
V1614 — Right Rear Armrest Damaged	8	Not applicable	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	8	Not applicable	more
V1624 — Right D-pillar Damaged	8	Not applicable	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	1	Yes	more

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

Case Vehicle Seats

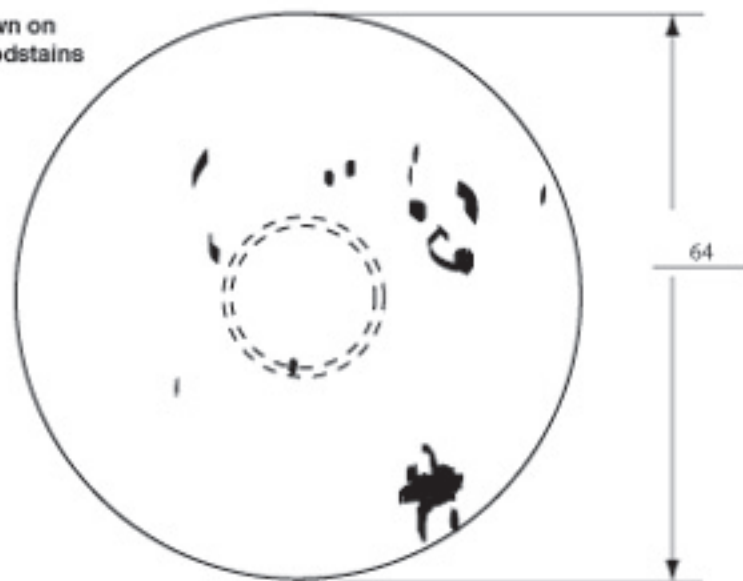
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Variable Number and Name	Code Value	Code Description	Other Options
V1701 — Driver Front Seat Type	05	Bucket	more
V1702 — Passenger Front Seat Type	05	Bucket	more
V1703 — Driver Seat Mount Type	1	Standard	more
V1704 — Passenger Seat Mount Type	1	Standard	more
V1705 — Driver Swivel Mechanism Equipped	0	No	more

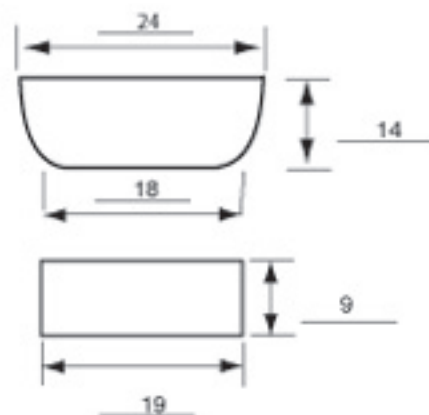
V1706 — Passenger Swivel Mechanism Equipped	0	No	more
V1707 — Driver Seat Original Equipment	1	Yes	more
V1708 — Passenger Seat Original Equipment	1	Yes	more
V1709 — Driver Seat/Rear Occupant Contact	8	Not applicable	more
V1710 — Passenger Seat/Rear Occupant Contact	8	Not applicable	more
V1711 — Driver Seat Damage	0	None	more
V1712 — Passenger Seat Damage	0	None	more

Driver Airbag

All marks shown on
airbag are bloodstains



Driver Airbag Doors



H-Pattern

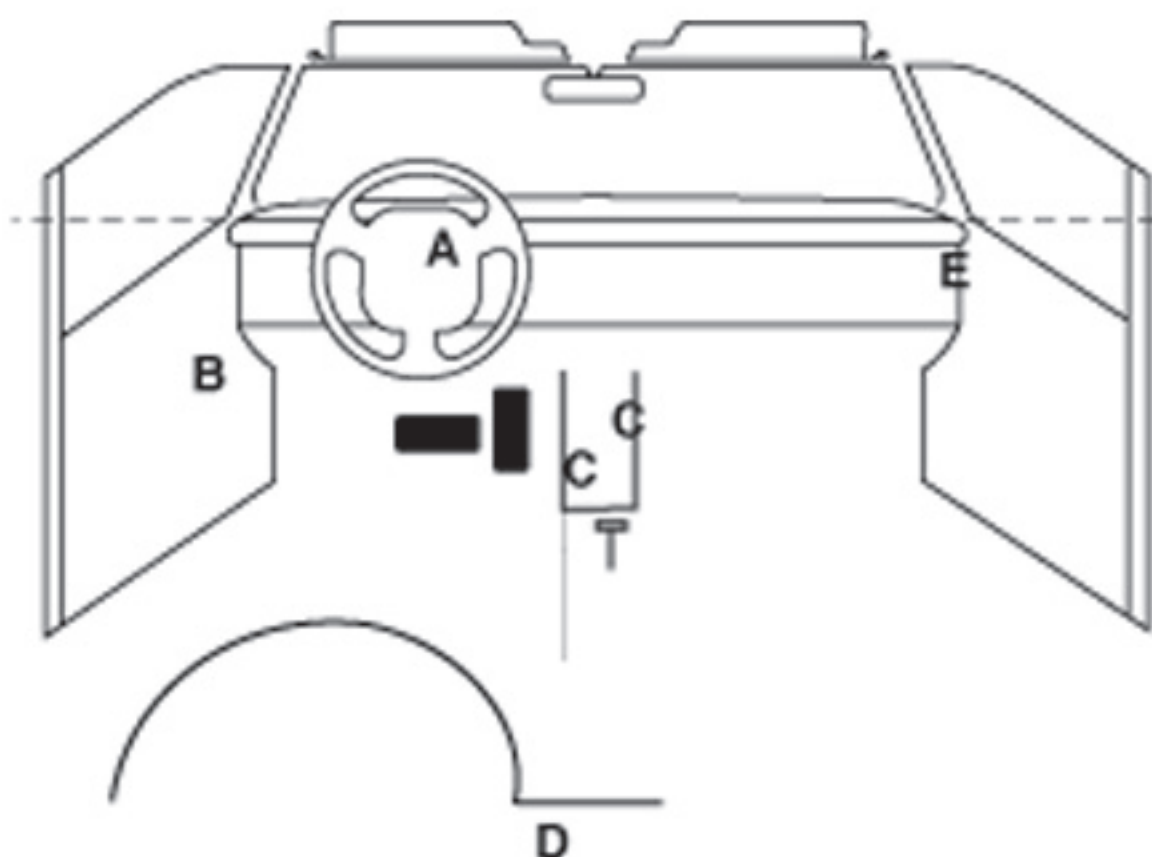
Vents: Y N

if yes, how many: 2

Vents @ 11 and 1 o'clock

Tethers: Y N

if yes, how many: 2



A= steering wheel, deformed

B= driver door, bloodstains

C= transmission selector lever, scuffmark and bloodstain

D= seat cushion, bloodstains

E= instrument panel, bloodstain

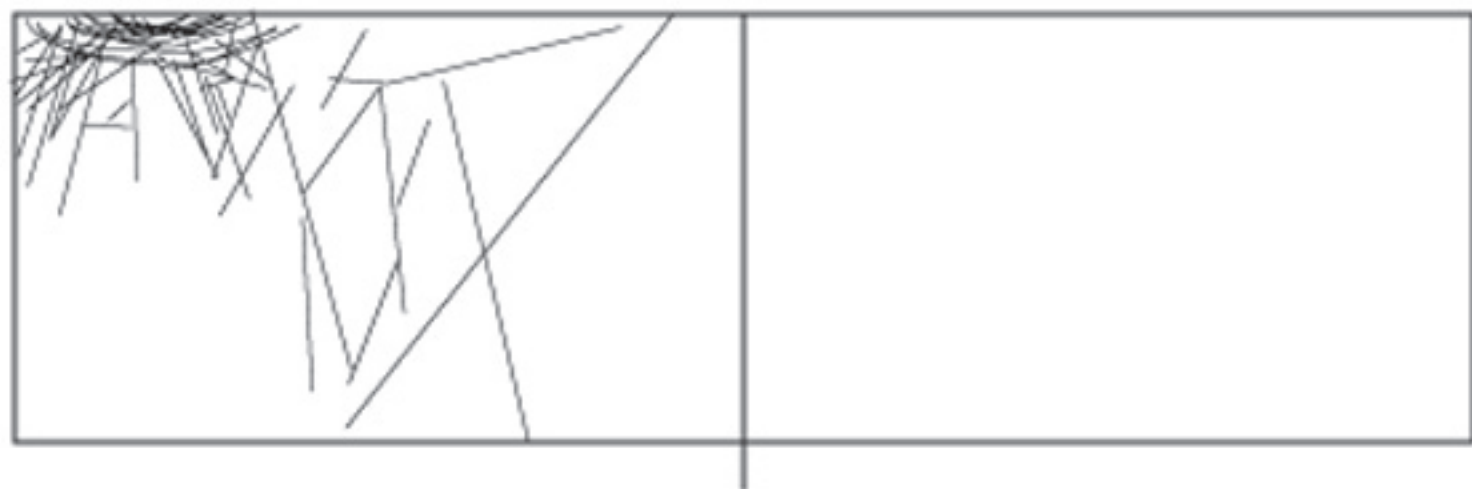
1 = Definitely 2 = Probably 3 = Possible

INTRUSION IT-1

Location of Intrusion	Intruded Component	(All Measurements Are in Centimeters)					Dominant Crush Direction
		Comparison Value	–	Intruded Value	=	Intrusion	
11	Instrument panel	38	–	29	=	9	to rear
11	A-pillar	91	–	86	=	5	to rear
11	Toe pan	67	–	62	=	5	to rear
12	Instrument panel	57	–	51	=	6	to rear
13	Instrument panel	83	–	75	=	8	to rear
13	Toe pan	64	–	57	=	7	to rear
13	A-pillar	90	–	85	=	5	to 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	Steering wheel	1	Face	Deformed	2
B	Driver door	1	Unknown	Bloodstains	3
C	Transmission selector lever	Unknown	Unknown	Scuffmark and bloodstain	2
D	Seat cushion	1	Unknown	Bloodstains	3
E	Instrument panel	Unknown	Unknown	Bloodstain	3
F					
G					
H					
I					
J					
K					
L					



WINDSHIELD MARK ON CASE VEHICLE:

SOLAR TINT™

Carlite

Ⓚ AS-1 Ⓜ

LAMINATED

DOT-75 FM-M207

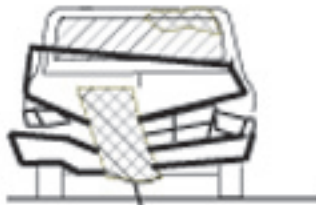
9

F

L3

PW-1317

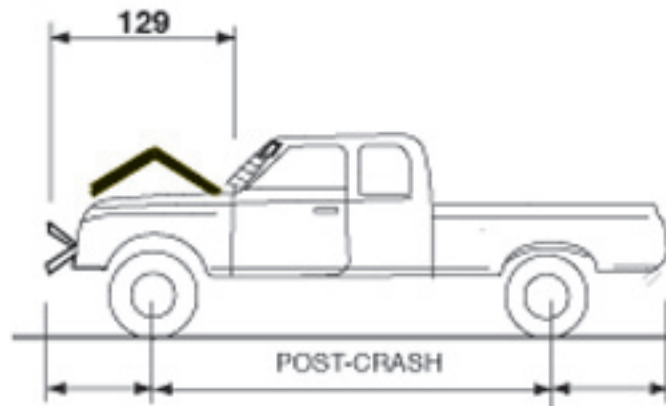
MEASUREMENTS IN CENTIMETERS



53
Max crush
Impact #1



No damage to rear

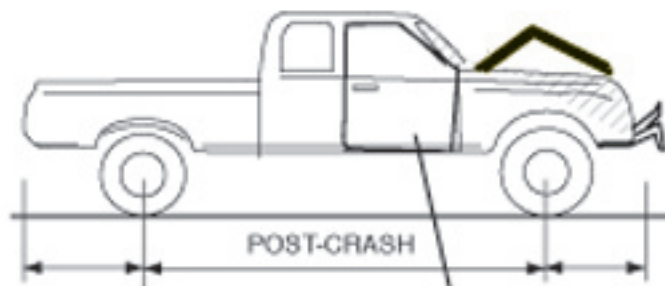


Bumper corner	<u>92</u>	<u>320</u>	<u>101</u>	Bumper corner
Stringline	<u>85</u>		<u>110</u>	Stringline



Tree branch
damage
5
Max crush
Impact #2

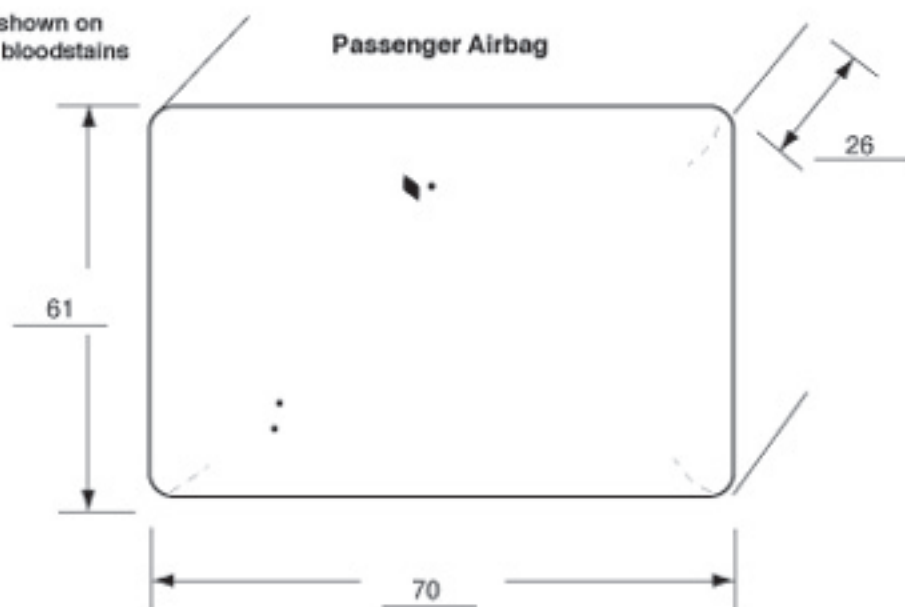
53
Max crush
Impact #1



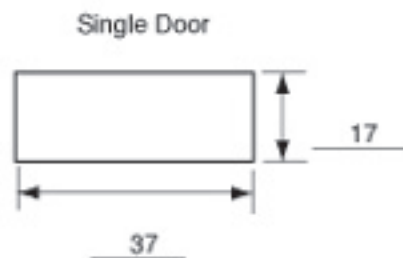
Bumper corner	<u>101</u>	<u>317</u>	<u>89</u>	Bumper corner
Stringline	<u>110</u>		<u>88</u>	Stringline

Door displaced

All marks shown on
airbag are bloodstains



Passenger Airbag Door



Vents: Y N

if yes, how many: 2

Vents at 3 and 9 o'clock

Tethers: Y N

if yes, how many: _____























Landscape
LANDSCAPE
LANDSCAPE

SAFETY INFORMATION
SEE OWNER'S MANUAL FOR
IMPORTANT INFORMATION
REGARDING SAFETY BELT
USE AND AIR BAGS
AND FOR THE MOST
RECENT RECALLS
AND SERVICE
CAMPAIGNS

SAFETY INFORMATION
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USE AND AIR BAGS
AND FOR THE MOST
RECENT RECALLS
AND SERVICE
CAMPAIGNS



⚠ WARNING
DEATH OR SERIOUS INJURY CAN OCCUR.
If you are ever caught in a fire, do not use the seat belt. It will trap you in the seat. If you are ever caught in a fire, do not use the seat belt. It will trap you in the seat. If you are ever caught in a fire, do not use the seat belt. It will trap you in the seat.

Dashboard controls including a radio and climate control knobs.

Center console with a white cloth tucked inside.

Open glove compartment.

Yellow gloves and a newspaper on the floor.

Black trash can on the floor.





VANS
TIF
SON
APP







1 3 0
2 4 R



▼ DISC ▼

1234567890

FM 103.5

AM FM

SEEK

TUNE

SCAN

DISC TRIP

DEL

PRE

FREE

OK

1 2 3 4 5 6

CD

EJECT

SKIP

REPEAT

OFF

A/C

MAX A/C















**AIR BAG
WARNING**
FLIP SEATBELT OFF











WARNING
NO ALARMS

**AIR BAG
WARNING**
FLIP SEATBELT OFF











179180
FI
1182
79180

79180



RANGER
XLT

MICHELIN

MICHELIN





79180

PALMER

Ford

FJ
8
TI







179180

FI

MB2

42

4





08/18

198004

















79180

18004





179180

F
F
F



















