

# Case 491 : Narrative

Case Vehicle (A): 1999 Chevrolet	Vehicle (B): Unknown International
Type: S-10 LS, 4x2, 2-door pickup	Type: Tractor-trailer
Driver: 18-year-old male	Driver: Unknown
CDC: 12-FYEW-4	CDC: 99-0000-0

## SITUATION

1 It was daylight, the sky was clear, and the asphalt surface of the two-lane, two-way road with a posted speed limit of 55 mph (89 kph) was dry and free of defects. 2 Case vehicle (A) was traveling north in the northbound lane and 3 vehicle (B) was traveling south in the southbound lane. The driver of case vehicle (A) fell asleep and 4 5 6 the vehicle crossed the centerline, entered the southbound lane, and the left portion of the front end struck the cab of vehicle (B) on the left side. 7 8 After the initial impact, case vehicle (A) rotated counterclockwise about 270 degrees while exiting the east edge of the road, went down an embankment, and 9 came to rest facing northeast. After the initial impact, 10 vehicle (B) veered to the right, exited the west edge of the road, 11 struck a tree, caught fire, and came to rest facing southwest.

Both vehicles were towed from the scene due to damage. The driver of case vehicle (A) was transported by ambulance to a local hospital, and subsequently transferred to a level-one trauma center, where he was hospitalized for twenty days.

## GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

12 Damage to the left front of case vehicle (A) was severe and it also extended down the left side into the front portion of the cargo bed. 13 Direct damage to the front began at the left-front bumper corner and extended 94-cm to the right, past the middle of the vehicle, resulting in 62% vehicle overlap (% VOL). 14 The maximum rearward crush was 92 cm and it occurred at the left-front bumper corner.

Using the barrier algorithm of the WinSMASH crash-reconstruction program and a crush profile measured for 15 16 the front of case vehicle (A), the following impact severity was estimated:

		Estimated Velocity Change - kph (mph)		
Vehicle	Variable	Total	Longitudinal	Latitudinal
Case Vehicle (A)	EBS	60 (37)	-60 (-37)	0 (0)

## DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

### Exterior

17 Direct damage extended across the left side of the front end and down the left side of the vehicle into

the front portion of the cargo bed. The left halves of the bumper and the radiator were crushed rearward into the engine compartment, and the bumper cover was completely separated from its attachments. The headlight assemblies were shattered, the left side of the hood was crushed rearward, and the middle of the hood was buckled up. The left hood hinge was separated and the rear edge of the hood was elevated, but it is unknown if it contacted the windshield, which was cut out by emergency personnel. [18](#) Rescue personnel had cut along the sides and top of the windshield, causing damage that masked any windshield damage caused by the crash.

[12](#) On the left side, the fender and the front wheel were crushed rearward, resulting in a 51-cm decrease in the left wheelbase. The left-front wheel rim was broken, [19](#) the outside tire wall was cut, and the tire was off of the wheel rim. [20](#) The upper and lower sections of the left A-pillar were crushed rearward, jamming the front door closed and shattering the door glazing, but emergency personnel had cut both sections of the A-pillar and removed the door, which was wedged under the vehicle. [21](#) The lower section of the left B-pillar was crushed to the right, the forward portion of the side of the truck bed was crushed rearward and pulled out, and [18](#) the entire cargo box was shifted 16-cm to the left.

[22](#) In the rear of the vehicle, the tailgate was missing and the cover was displaced. On the right side, [16](#) [23](#) the fender was deflected to the left and the right wheelbase was increased 7 cm. Rescue personnel had pried open the right-side door and shattered the door glazing.

## Interior

This vehicle was equipped with steering-wheel and dash-mounted frontal-impact airbags, [24](#) [25](#) but only the steering-wheel airbag deployed during the offset-frontal impact with vehicle (B). In the driver seating area, there was no damage to the deployed steering-wheel airbag [26](#) [27](#) but the airbag fabric was stained with blood. The driver seatbelt had been cut by rescue personnel, [51](#) [52](#) there were belt loading marks on the D-ring, and [53](#) the stitching of the seatbelt load limiter was torn, exposing the replace-belt tag. [28](#) [29](#) [30](#) The upper half of the steering-wheel rim and the spokes were bent forward, and the steering column was deflected to the right and displaced rearward. [31](#) Rescue personnel had cut the upper and lower sections of the left A-pillar and removed the driver door. [32](#) [33](#) [34](#) [35](#) There were scuffmarks on the roof headliner and sunvisor and the left side of the roof was displaced down. [36](#) The upper instrument panel trim was separated, scuffed, stained with blood, and displaced up, the mid instrument panel, instruments, and controls were loose and displaced up, and [37](#) [38](#) the lower instrument panel/knee bolster was dented and displaced rearward. [39](#) [40](#) The knee-bolster cover to the left of the steering column was scuffed. [41](#) The brake pedal was deflected to the right and the driver toepan was displaced rearward. [42](#) [43](#) There was no other damage in the driver seating area.

In the center-front area, [44](#) the rear-view mirror was dislodged from its mount, the instrument panel was displaced rearward, and the floor was displaced up, [45](#) but there was no other damage.

[45](#) There was no damage in the right-front seating area.

[46](#) The following intrusions were noted and measured:

Location	Component	Distance (cm)	Direction
driver	knee bolster	29	to rear
	roof	20	down
	toepan	17	to rear

	steering column	16	to rear
	kick panel	10	to right
	windshield header	2	to rear
center front	floor	5	up
	instrument panel	4	to rear
right front	floor	5	up

## OCCUPANT KINEMATICS AND INJURIES

[47](#) [48](#) The 183-cm, 132-kg (6-ft, 290-lb) 18-year-old male driver was using the three-point belt and [49](#) the steering-wheel airbag deployed. [50](#) Belt use is indicated by the belt being cut by rescue personnel, [51](#) [52](#) by belt loading marks on the D-ring, and [53](#) by tearing of the load-limiter stitching.

During the offset-frontal impact, the driver moved forward relative to the vehicle interior, into the belt restraints, the airbag, and the knee bolster. He sustained contusions to both sides of the head, possibly from contact with the roof and left roof siderail. He sustained a contusion below the left eye, possibly from contact with the windshield header or left A-pillar, which were displaced rearward. He sustained loss of consciousness for less than thirty minutes, probably from head contact with the roof, roof siderail, windshield header, and/or the A-pillar. He sustained a displaced, comminuted fracture to the mid shaft of the left humerus, abrasions and contusions to the left arm and forearm, lacerations to the left arm, elbow, and forearm, abrasions to the left hand, contusions to the left hip and left thigh, and an abrasion to the left side of the abdomen, probably from contact with the interior of the driver door. He sustained contusions to the right shoulder, right axilla, and the medial aspect of the right arm from unknown sources. He sustained abrasions to the middle of the abdomen, possibly from contact with the lower rim of the steering wheel. He sustained a displaced fracture to the left femoral neck, a transverse fracture to the mid shaft of the left femur, and contusions to the right leg, probably from contact with the knee bolster. He sustained an open chip fracture to the lateral aspect of the mid shaft of the left tibia, and abrasions, lacerations and contusions to the left leg, probably from contact with the kick panel.

The following table and drawing [54](#) summarize the injuries sustained by the driver of case vehicle (A).

Occupant: Driver		Age: 18 years		Gender: Male	
Restraints: 3-point belt; steering-wheel airbag		Stature: 183 cm (6 ft)		Mass: 132 kg (290 lb)	
Injury Description	A.I.S.	Injury Source			
		Definite	Probable	Possible	
—	—	—	—	—	
Loss of consciousness for less than 30 minutes	2	—	Roof, roof siderail, A-pillar, and/or windshield header	—	
Contusions, left and right sides of head	1	—	—	Roof; roof siderail	
Contusion, below left eye	1	—	Windshield header/A-pillar	—	
Displaced, comminuted fracture, mid shaft of left humerus	3	—	Interior of driver door	—	

Abrasions and contusions, left arm and forearm	1	—	Interior of driver door	—
Lacerations, left arm, elbow, and forearm	1	—	Interior of driver door	—
Abrasions, left hand	1	—	Interior of driver door	—
Contusions, left hip and thigh	1	—	Interior of driver door	—
Abrasion, left side of abdomen	1	—	Interior of driver door	—
Contusions, right shoulder, right axilla, and medial aspect of right arm	1	Unknown	—	—
Abrasions, mid abdomen	1	—	—	Lower rim of steering wheel
Displaced fracture, left femoral neck	3	—	Knee bolster	—
Transverse fracture, mid shaft of the left femur	3	—	Knee bolster	—
Open chip fracture, lateral aspect of the mid shaft of the left tibia	3	—	Kick panel	—
Abrasions, lacerations, and contusions, left leg	1	—	Kick panel	—
Contusions, right leg	1	—	Knee bolster	—
Maximum A.I.S. Level	3	—	—	—
Injury Severity Score	14	—	—	—

Case No.: 491

Case Vehicle (A): 1999 Chevrolet

Type: S-10 LS, 4x2, 2-door pickup

Driver: 18-year-old male

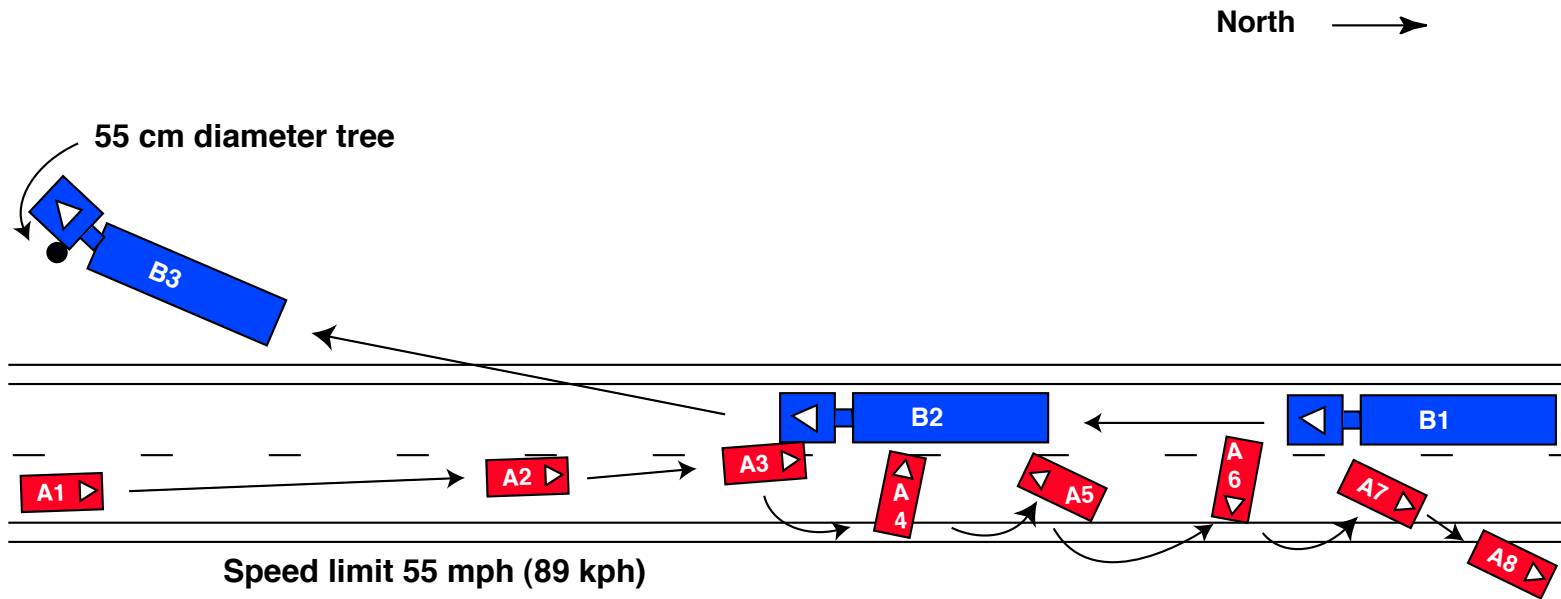
Vehicle (B): Unknown International Tractor-trailer

Light Conditions: Daylight

Weather: Clear

Road Surface: Dry

Road Construction: Asphalt



CASE NO.: 491

CASE VEHICLE: 1998 Chevrolet

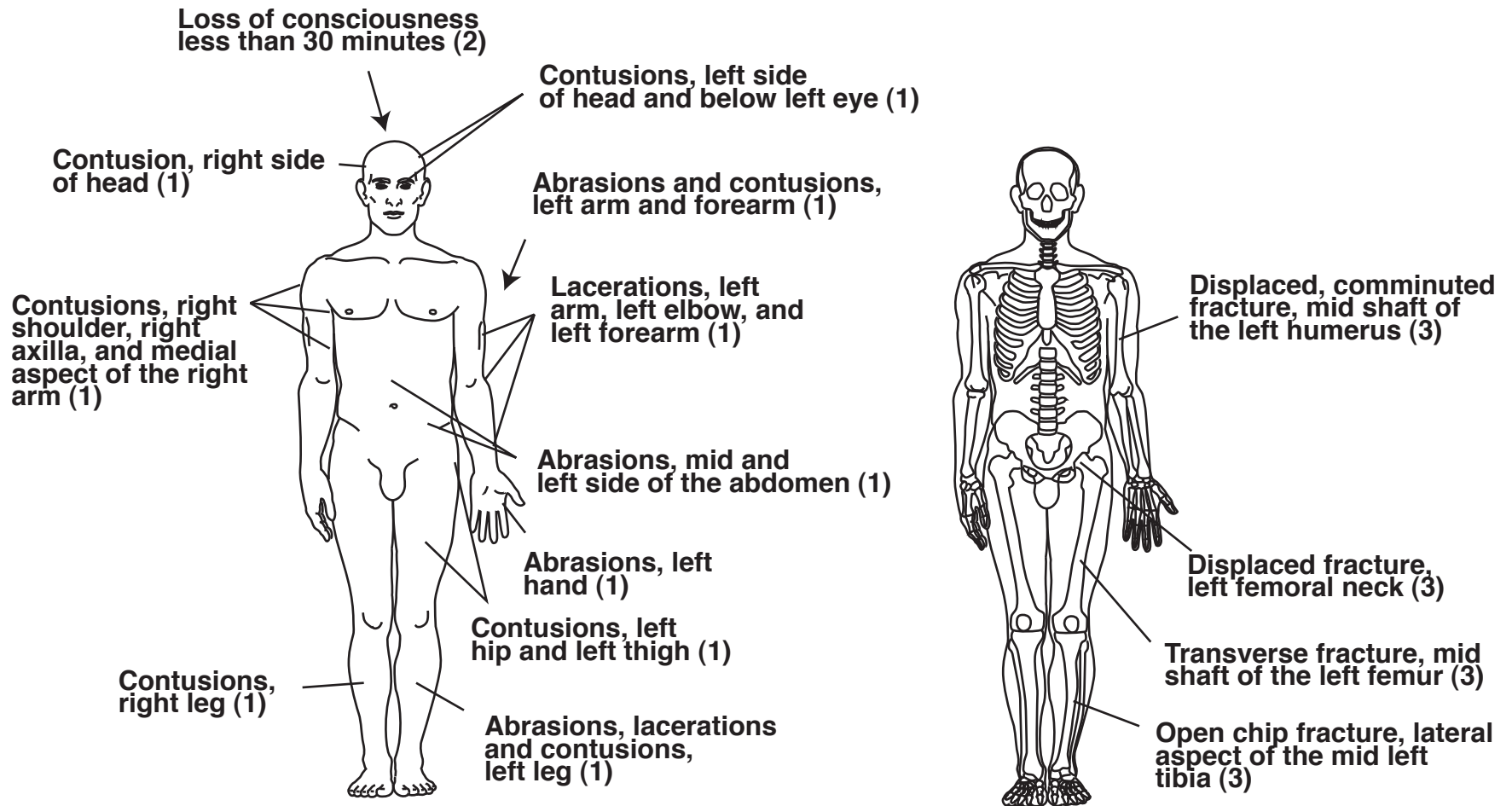
TYPE: S-10 LS, 4x2, 2-door pickup

OCCUPANT: Driver: 18-year-old male

STATURE: 183 cm (6 ft) MASS: 132 kg (290 lb)

RESTRAINTS: 3-point belt; steering-wheel airbag

SEVERITY: MAIS - 3 : ISS - 14



# 491: Vehicle Report

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## General Information

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V0204	Collision Hour	0717	Time of day (24 hour clock)	<a href="#">more</a>
V0205	State Fips Code	26	Michigan	<a href="#">more</a>
V0206	Urban/rural Area	2	Rural	<a href="#">more</a>
V0207	Limited Access Highway	0	No	<a href="#">more</a>
V0208	Road Total Lanes	2	2 lanes	<a href="#">more</a>
V0209	Intersect Road Total Lanes	8	Not applicable	<a href="#">more</a>
V0210	Trafficway Flow	0	Not physically divided - two way traffic	<a href="#">more</a>
V0211	Road Surface Type	1	Asphalt	<a href="#">more</a>
V0212	Road Defects	0	No	<a href="#">more</a>
V0213	Construction Zone	0	No	<a href="#">more</a>
V0214	Road Alignment Vertical Plane	1	Level	<a href="#">more</a>

V0215	Road Alignment Horizontal Plane	1	Straight	<a href="#">more</a>
V0216	Surface Covering	10	Dry	<a href="#">more</a>
V0217	Visibility Limitation	0	None	<a href="#">more</a>
V0218	Visibility Obstruction	0	None	<a href="#">more</a>
V0219	Speed Limit	6	86-90 km/h .. 55 mph	<a href="#">more</a>
V0220	Precipitation Type	0	None	<a href="#">more</a>
V0221	Precipitation Rate	8	Not applicable	<a href="#">more</a>
V0222	Temperature	9	Unknown	<a href="#">more</a>
V0223	Crosswind	9	Unknown	<a href="#">more</a>
V0224	Light Conditions	1	Daylight	<a href="#">more</a>
V0225	Mechanical Malfunction Mention	0	No	<a href="#">more</a>
V0226	Case Vehicle And Object	0	No	<a href="#">more</a>
V0227	Case Vehicle Rollover	0	No	<a href="#">more</a>
V0228	Rollover Location	0	No rollover	<a href="#">more</a>
V0229	Roll Direction	0	No rollover	<a href="#">more</a>
V0230	Rollover Initiation Type	0	No rollover	<a href="#">more</a>
V0231	Rollover Number Of Turns	0	No rollover	<a href="#">more</a>
V0232	Case Vehicle Preimpact Braking	0	No	<a href="#">more</a>
V0233	Case Vehicle Preimpact Stability	1	Case vehicle tracking before impact	<a href="#">more</a>
V0234	Case Vehicle Ran Off Roadway	0	No	<a href="#">more</a>
V0235	Moving Case Vehicle Contacted Moving Vehicle	1	Yes	<a href="#">more</a>
V0236	Case Vehicle Contacted Stopped Vehicle	0	No	<a href="#">more</a>
V0237	Stopped Case Vehicle Contacted Vehicle	0	No	<a href="#">more</a>
V0238	Total Vehicles Hit By Case Vehicle	1	1 vehicle	<a href="#">more</a>
V0239	Any Fire In Crash?	1	Yes	<a href="#">more</a>
V0240	Maximum Police Severity-acc	7	Non-Fatal Injury, Severity Unknown	<a href="#">more</a>
V0241	Driver Alcohol Involvmnt	0	Had not been drinking	<a href="#">more</a>
V0242	Driver Alcohol BAC (Case Vehicle)	99	Unknown	<a href="#">more</a>
V0243	Driver Impairment Mention	9	Unknown	<a href="#">more</a>
V0244	Driver Distraction	11	Sleepy or fell asleep	<a href="#">more</a>



V0245	Driver Drug Involvement	0	None	<a href="#">more</a>
V0246	Driver Drug Type	0	No drug use	<a href="#">more</a>
V0247	Driven/towed From Scene	2	Towed Due to Damage	<a href="#">more</a>

## Other Vehicle

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V0301	Other Vehicle VIN	xxxxxxx	<a href="#">Click for Contacted Vehicle figure</a>	<a href="#">more</a>
V0302	Other Vehicle Manufacturer/Body Code	05338	—	—
V0303	Other Vehicle Manufacturer	053	Unknown International	<a href="#">more</a>
V0304	Other Vehicle Body Code	38	Truck-tractor with semi-trailer	<a href="#">more</a>
V0305	Other Vehicle Make/model	3599	Unknown International	<a href="#">more</a>
V0306	Other Vehicle Model Year	9999	Unknown	<a href="#">more</a>
V0307	Other Vehicle Mass	999999	Unknown	<a href="#">more</a>
V0308	Other Vehicle Number	0	No separate report	<a href="#">more</a>
V0309	Other Vehicle Number of Occupants	99	Unknown	<a href="#">more</a>
V0310	Other Vehicle Traveling Speed	999	Unknown	<a href="#">more</a>
V0311	Highest Police Injury Severity	7	Non-Fatal Injury, Severity Unknown	<a href="#">more</a>
V0312	Other Vehicle Type	38	Tractor and semi-trailer (semi)	<a href="#">more</a>
V0313	Other Vehicle Wheelbase in Centimeters	999	Unknown wheelbase	<a href="#">more</a>
V0314	Other Vehicle Average Track Width	999	Unknown	<a href="#">more</a>
V0315	Other Vehicle Overall Length	999	Unknown	<a href="#">more</a>
V0316	Other Vehicle Overall Width (OAW)	999	Unknown	<a href="#">more</a>
V0317	Other Vehicle Front Overhang	999	Unknown	<a href="#">more</a>
V0318	Other Vehicle Rear Overhang	999	Unknown	<a href="#">more</a>
V0319	Other Vehicle Undeformed End Width (UEW)	999	Unknown	<a href="#">more</a>
V0320	Other Vehicle Engine Displacement	9.9	Unknown	<a href="#">more</a>
V0321	Other Vehicle Engine: Number of Cylinders	99	Unknown	<a href="#">more</a>
	Other Vehicle Direct Damage	999		

V0322	Length (DDL)		Unknown	<a href="#">more</a>
V0323	Other Vehicle Front-End Overlap	99	Missing or Not applicable	<a href="#">more</a>
V0324	Other Vehicle - Vehicle Overlap	99	Missing or Not applicable	<a href="#">more</a>

## Case Vehicle General

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V0401	VIN	1GCCS1440XXXXXXXX	<a href="#">Click for Case Vehicle figure</a>	<a href="#">more</a>
V0402	Manufacturer/Body Code	11316	—	—
V0403	Vehicle Manufacturer	113	Chevrolet	<a href="#">more</a>
V0404	Vehicle Body Code	16	Pickup truck with canopy or shell cover	<a href="#">more</a>
V0405	Make/model Code	2920	S-10 / T-10 Pickup	<a href="#">more</a>
V0406	Model Year	1999	Model year	<a href="#">more</a>
V0407	Vehicle Mass	001368 kg	Mass (Kg)	<a href="#">more</a>
V0408	Odometer Reading	999999	—	—
V0409	Number of Occupants	01	1 occupant	<a href="#">more</a>
V0410	Traveling Speed	999	Unknown	<a href="#">more</a>
V0411	Body Type	32	Pickup truck (small)	<a href="#">more</a>
V0412	Stolen Vehicle	8	Not currently collected	<a href="#">more</a>
V0413	Body Structure	1	Body and frame	<a href="#">more</a>
V0414	Transmission Type	1	Automatic	<a href="#">more</a>
V0415	Transmission Lever Location	3	Column	<a href="#">more</a>
V0416	Steering	1	Power	<a href="#">more</a>
V0417	Brakes	1	Power	<a href="#">more</a>
V0418	Brake Type	2	Disc - front wheels	<a href="#">more</a>
V0419	Adjustable Pedals?	0	No	<a href="#">more</a>
V0420	Brake Anti-lock Device	2	Four-wheel	<a href="#">more</a>
V0421	Air Conditioning in Vehicle	8	Not currently collected	<a href="#">more</a>
V0422	Drive Type	1	Rear wheel	<a href="#">more</a>
V0423	Dual Rear Wheels	0	No	<a href="#">more</a>
V0424	Original Restraint System Type	3	Air bag	<a href="#">more</a>
	Equipped With Roll	0		

V0425	Bar		No	<a href="#">more</a>
V0426	Roof Type	1	Solid	<a href="#">more</a>
V0427	Case Vehicle Wheelbase in Centimeters	275 cm	Actual Wheelbase	<a href="#">more</a>
V0428	Anti-lacerative Glass	8	Not Collected	<a href="#">more</a>
V0429	Case Vehicle average track Width	139 cm	actual measurement (cm)	<a href="#">more</a>
V0430	Case Vehicle Overall Length	483 cm	actual measurement (cm)	<a href="#">more</a>
V0431	Case Vehicle Overall Width (OAW)	172	actual measurement (cm)	<a href="#">more</a>
V0432	Case Vehicle Front Overhang	088 cm	actual measurement (cm)	<a href="#">more</a>
V0433	Case Vehicle Rear Overhang	120 cm	actual measurement (cm)	<a href="#">more</a>
V0434	Case Vehicle Undeformed End Width (UEW)	148 cm	actual measurement (cm)	<a href="#">more</a>
V0435	Case Vehicle Engine Displacement	2.2 l	Liters	<a href="#">more</a>
V0436	Case Vehicle Engine: Number of Cylinders	04	number of cylinders	<a href="#">more</a>
V0437	Case Vehicle Direct Damage Length (DDL)	094 cm	actual measurement (cm)	<a href="#">more</a>
V0438	Case Vehicle Front-end Overlap	64	percentage (%)	<a href="#">more</a>
V0439	Case Vehicle - Vehicle Overlap	62	percentage (%)	<a href="#">more</a>

### Case Vehicle Damage Description

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V0501	Maximum Sheet Metal Crush - Front	092 cm	Depth of Crush (cm)	<a href="#">more</a>
V0502	Maximum Sheet Metal Crush - Right Side	000 cm	No Crush (or less than 1 cm.)	<a href="#">more</a>
V0503	Maximum Sheet Metal Crush - Rear	000 cm	No Crush (or less than 1 cm.)	<a href="#">more</a>
V0504	Maximum Sheet Metal Crush - Left Side	000 cm	No Crush (or less than 1 cm.)	<a href="#">more</a>
	Maximum Sheet Metal Crush			

V0505	- Roof	000 cm	No Crush (or less than 1 cm.)	<a href="#">more</a>
V0506	Maximum Sheet Metal Crush - Other	000 cm	No Crush (or less than 1 cm.)	<a href="#">more</a>
V0507	Seq In Chronological Ord	1	Yes	<a href="#">more</a>
V0508	Event 1 -impact Location	1	On Roadway	<a href="#">more</a>
V0509	Event 1 -Impact Configuration	13	FRONT of case veh - SIDE of contacted veh	<a href="#">more</a>
V0510	Event 1 -Object/Vehicle Contactd	38	Tractor and semi-trailer (semi)	<a href="#">more</a>
V0511	Event 2 -impact Location	8	No 2nd event	<a href="#">more</a>
V0512	Event 2 -Impact Configuration	88	No 2nd event	<a href="#">more</a>
V0513	Event 2 -Object/Vehicle Contactd	00	No object/vehicle contacted	<a href="#">more</a>
V0514	Event 3 -impact Location	8	No 3rd event	<a href="#">more</a>
V0515	Event 3 -Impact Configuration	88	No 3rd event	<a href="#">more</a>
V0516	Event 3 -Object/Vehicle Contactd	00	No object/vehicle contacted	<a href="#">more</a>
V0517	Event 4 -impact Location	8	No 4th event	<a href="#">more</a>
V0518	Event 4 -Impact Configuration	88	No 4th event	<a href="#">more</a>
V0519	Event 4 -Object/Vehicle Contactd	00	No object/vehicle contacted	<a href="#">more</a>
V0520	Event 5 -impact Location	8	No 5th event	<a href="#">more</a>
V0521	Event 5 -Impact Configuration	88	No 5th event	<a href="#">more</a>
V0522	Event 5 -Object/Vehicle Contactd	00	No object/vehicle contacted	<a href="#">more</a>
V0523	Event 6 -impact Location	8	No 6th event	<a href="#">more</a>
V0524	Event 6 -Impact Configuration	88	No 6th event	<a href="#">more</a>
V0525	Event 6 -Object/Vehicle Contactd	00	No object/vehicle contacted	<a href="#">more</a>
V0526	Event 7 -impact Location	8	No 7th event	<a href="#">more</a>
V0527	Event 7 -Impact Configuration	88	No 7th event	<a href="#">more</a>
V0528	Event 7 -Object/Vehicle Contactd	00	No object/vehicle contacted	<a href="#">more</a>
V0529	Primary CDC Case Vehicle - event Number	1	Event 1	<a href="#">more</a>
	Primary CDC Case Vehicle -			

V0530	Impact Speed (kph)	999	Unknown	<a href="#">more</a>
V0531	Primary CDC Case Vehicle-estimatr	1	Investigator	<a href="#">more</a>
V0532	Primary CDC Case Vehicle - Crush (CM)	092	Crush measurements in cm	<a href="#">more</a>
V0533	Primary CDC Case Vehicle-clock #1	12	12 o'clock	<a href="#">more</a>
V0534	Primary CDC Case Vehicle-Letter 1 #1	06	F - Front	<a href="#">more</a>
V0535	Primary CDC Case Vehicle-Letter 2 #1	25	Y - Side or end (F + P or L + C)	<a href="#">more</a>
V0536	Primary CDC Case Vehicle-Letter 3 #1	05	E - Everything below belt line	<a href="#">more</a>
V0537	Primary CDC Case Vehicle-Letter 4 #1	23	W - Wide impact area	<a href="#">more</a>
V0538	Primary CDC Case Vehicle Extent #1	04	Extent 4	<a href="#">more</a>
V0539	Primary CDC - Contacted Vehicles Assoc CDC - CDC #1	12FYEW4	—	—
V0540	Primary CDC Case Vehicle-clock #2	98	Not Applicable	<a href="#">more</a>
V0541	Primary CDC Case Vehicle-Letter 1 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V0542	Primary CDC Case Vehicle-Letter 2 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V0543	Primary CDC Case Vehicle-Letter 3 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V0544	Primary CDC Case Vehicle-Letter 4 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V0545	Primary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	<a href="#">more</a>
V0546	Primary CDC - Case Vehicle Assoc CDC - CDC #2	9800000	—	—
V0547	Primary CDC Contacted Vehicle - Impact Speed (kph)	999	Unknown	<a href="#">more</a>
V0548	Primary CDC Contacted Vehicle-estimator	1	Investigator	<a href="#">more</a>
V0549	Primary CDC Contacted Vehicle - Crush (CM)	999	Unknown	<a href="#">more</a>
V0550	Primary CDC Contacted Vehicle-clock #1	99	Unknown or no damage	<a href="#">more</a>
V0551	Primary CDC Contacted	00	Missing Data/Not applicable	<a href="#">more</a>

	Vehicle-Letter 1 #1			
V0552	Primary CDC Contacted Vehicle-Letter 2 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V0553	Primary CDC Contacted Vehicle-Letter 3 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V0554	Primary CDC Contacted Vehicle-Letter 4 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V0555	Primary CDC Contacted Vehicle Extent #1	00	Missing Data/Not applicable	<a href="#">more</a>
V0556	primary CDC - Contacted Vehicles Assoc CDC - CDC #1	9900000	—	—
V0557	Primary CDC Contacted Vehicle-clock #2	99	Unknown or no damage	<a href="#">more</a>
V0558	Primary CDC Contacted Vehicle-Letter 1 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V0559	Primary CDC Contacted Vehicle-Letter 2 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V0560	Primary CDC Contacted Vehicle-Letter 3 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V0561	Primary CDC Contacted Vehicle-Letter 4 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V0562	Primary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	<a href="#">more</a>
V0563	Primary CDC - Contacted Vehicles Assoc CDC - CDC #2	9900000	—	—
V0564	Secondary CDC Case Vehicle-event No	8	Not applicable	<a href="#">more</a>
V0565	Secondary CDC Case Vehicle - Impact Speed (kph)	998	Not Applicable	<a href="#">more</a>
V0566	Secondary CDC Case Vehicle-estimator	8	Not applicable (no vehicle/no impact)	<a href="#">more</a>
V0567	Secondary CDC Case Vehicle - Crush (CM)	998	Not Applicable	<a href="#">more</a>
V0568	Secondary CDC Case Vehicle-clock #1	98	Not Applicable	<a href="#">more</a>
V0569	Secondary CDC Case Vehicle-Letter 1 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V0570	Secondary CDC Case Vehicle-Letter 2 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V0571	Secondary CDC Case Vehicle-Letter 3 #1	00	Missing Data/Not applicable	<a href="#">more</a>

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

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

## Crash Reconstruction

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V0601	Primary Delta-V Case Vehicle-event #	1	Event number 1	<a href="#">more</a>
V0602	Primary Delta V Case Vehicle - Total Delta V	999	Unknown	<a href="#">more</a>
V0603	Primary delta-V Case Vehicle -LONGITUD	9999	—	—
V0604	Primary delta-V Case Vehicle-Lateral	9999	—	—
V0605	Primary Delta V Case Vehicle - Energy Dissipated by Crush (k	9999	—	—
V0606	Primary Delta-V Case Vehicle-Reconstruction	11	Beyond Scope	<a href="#">more</a>
V0607	Primary Delta-V Case Vehicle- Mode	2	CDC & detailed damage	<a href="#">more</a>
V0608	Primary Delta V Contacted Vehicle - Total Delta V	999	Unknown	<a href="#">more</a>
V0609	Primary delta-V Contacted Vehicle-LONGITUD	9999	—	—
V0610	Primary delta-V Contacted Vehicle-Lateral	9999	—	—
V0611	Primary delta-V Contacted Vehicle - Energy Dissipated by Cru	9999	—	—



V0612	Secondary Delta-V Case Vehicle-event #	8	Not applicable	<a href="#">more</a>
V0613	Secondary Delta V Case Vehicle - Total Delta V	888	Not applicable	<a href="#">more</a>
V0614	Secondarydelta-V Case Vehicle -LONGITUD	8888	—	—
V0615	Secondary delta-V Case Vehicle-Lateral	8888	—	—
V0616	Secondary delta-V Case Vehicle - Energy Dissipated by Crush	8888	—	—
V0617	Secondary Delta-V Case Vehicle-Reconstruction	88	Not applicable	<a href="#">more</a>
V0618	Secondary Delta-V Case Vehicle- Mode	8	Not applicable	<a href="#">more</a>
V0619	Secondary Delta V Contacted Vehicle - Total Delta V	888	Not applicable	<a href="#">more</a>
V0620	Secondary delta-V Contacted Vehicle-LONGITUD	8888	—	—
V0621	Secondary delta-V Contacted Vehicle-Lateral	8888	—	—
V0622	Secondary delta-V Contacted Vehicle - Energy Dissipated By C	8888	—	—
V0623	Primary EBS Case Vehicle-event #	1	Event number 1	<a href="#">more</a>
V0624	Primary EBS Case Vehicle - Total EBS	060 kph	kph	<a href="#">more</a>
V0625	Primary EBS Case Vehicle - LONGITUD	-060	—	—
V0626	Primary EBS Case Vehicle-Lateral	0000	—	—
V0627	Primary EBS Case Vehicle - Energy Dissipated by Crush (kj)	0209	—	—
V0628	Primary EBS Case Vehicle-Reconstruction	22	Reconstructed, moderate confidence level	<a href="#">more</a>
V0629	Primary EBS Case Vehicle-Mode	2	CDC & detailed damage	<a href="#">more</a>
V0630	Primary EBS Contacted Vehicle - Total EBS	999	Unknown	<a href="#">more</a>
V0631	Primary EBS Contacted Vehicle-LONGITUD	9999	—	—
	Primary EBS Contacted			

V0632	Vehicle-Lateral	9999	—	—
V0633	Primary EBS Contact Vehicle - Energy Dissipated by Crush (kj)	9999	—	—
V0634	Secondary EBS Case Vehicle-event #	8	Not applicable	<a href="#">more</a>
V0635	Secondary EBS Case Vehicle - Total EBS	888	Not Applicable	<a href="#">more</a>
V0636	Secondary EBS Case Vehicle -LONGITUD	8888	—	—
V0637	Secondary EBS Case Vehicle-Lateral	8888	—	—
V0638	Secondary EBS Case Vehicle - Energy Dissipated by Crush (kj)	8888	—	—
V0639	Secondary EBS Case Vehicle-Reconstruction	88	Not applicable	<a href="#">more</a>
V0640	Secondary EBS Case Vehicle- Mode	8	Not applicable	<a href="#">more</a>
V0641	Secondary EBS Contacted Vehicle - Total EBS	888	Not Applicable	<a href="#">more</a>
V0642	Secondary EBS Contacted Vehicle-LONGITUD	8888	—	—
V0643	Secondary EBS Contacted Vehicle-Lateral	8888	—	—
V0644	Secondary EBS Contact Vehicle - Energy Dissipated by Crush (	8888	—	—
V0645	Specific Event # Case(1)	1	Event number 1	<a href="#">more</a>
V0646	Plane of Impact Case Vehicle (1)	1	Bumper	<a href="#">more</a>
V0647	Direct Damage Length (DDL) - Case Vehicle (1)	094 cm	cm	<a href="#">more</a>
V0648	Direct Damage Maximum Crush - Case Vehicle (1)	092 cm	cm	<a href="#">more</a>
V0649	Direct and Induced Damage Length in CM	103 cm	cm	<a href="#">more</a>
V0650	Field C1 - Case Vehicle (1)	092 cm	cm	<a href="#">more</a>
V0651	Field C2 - Case Vehicle (1)	067 cm	cm	<a href="#">more</a>
V0652	Field C3 - Case Vehicle (1)	058 cm	cm	<a href="#">more</a>
V0653	Field C4 - Case Vehicle (1)	044 cm	cm	<a href="#">more</a>
V0654	Field C5 - Case Vehicle (1)	030 cm	cm	<a href="#">more</a>
V0655	Field C6 - Case Vehicle (1)	008 cm	cm	<a href="#">more</a>

V0656	Direct Damage D Value = The Center of Direct Damage Offset t	-027 cm	Offset (cm)	<a href="#">more</a>
V0657	Specific Event # Case(2)	1	Event number 1	<a href="#">more</a>
V0658	Plane of Impact Case Vehicle (2)	1	Bumper	<a href="#">more</a>
V0659	Direct Damage Length (DDL) - Case Vehicle (2)	094 cm	cm	<a href="#">more</a>
V0660	Direct Damage MaximumCrush - Case Vehicle (2)	092 cm	cm	<a href="#">more</a>
V0661	Direct and Induced Damage Length in CM	103 cm	cm	<a href="#">more</a>
V0662	Field C1 - Case Vehicle (2)	092 cm	cm	<a href="#">more</a>
V0663	Field C2 - Case Vehicle (2)	067 cm	cm	<a href="#">more</a>
V0664	Field C3 - Case Vehicle (2)	058 cm	cm	<a href="#">more</a>
V0665	Field C4 - Case Vehicle (2)	044 cm	cm	<a href="#">more</a>
V0666	Field C5 - Case Vehicle (2)	030 cm	cm	<a href="#">more</a>
V0667	Field C6 - Case Vehicle (2)	008 cm	cm	<a href="#">more</a>
V0668	Direct Damage D Value = The Center of Direct Damage Offset t	-027 cm	cm	<a href="#">more</a>
V0669	Specific Event # Cont(1)	1	Event number 1	<a href="#">more</a>
V0670	Plane of Impact Contacted Vehicle(1)	9	Unknown	<a href="#">more</a>
V0671	Direct Damage Length (DDL) - Contacted Vehicle (1)	999	Unknown	<a href="#">more</a>
V0672	Direct Damage Maximum Crush - Contacted Vehicle (1)	999	Unknown	<a href="#">more</a>
V0673	Field L - Contacted Vehicle (1)	999	Unknown	<a href="#">more</a>
V0674	Field C1 - Contacted Vehicle (1)	999	Unknown	<a href="#">more</a>
V0675	Field C2 - Contacted Vehicle (1)	999	Unknown	<a href="#">more</a>
V0676	Field C3 - Contacted Vehicle (1)	999	Unknown	<a href="#">more</a>
V0677	Field C4 - Contacted Vehicle (1)	999	Unknown	<a href="#">more</a>
V0678	Field C5 - Contacted Vehicle (1)	999	Unknown	<a href="#">more</a>

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

## Case Vehicle Tires & Rims

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V0701	Left Front Wheel Damaged	1	Yes	<a href="#">more</a>
V0702	Right Front Wheel Damaged	0	No	<a href="#">more</a>
V0703	Right Rear Wheel Damaged	0	No	<a href="#">more</a>
V0704	Left Rear Wheel Damaged	0	No	<a href="#">more</a>
V0705	Left Front Tire Tread Type	4	All Weather	<a href="#">more</a>
V0706	Right Front Tire Tread Type	4	All Weather	<a href="#">more</a>

V0707	Right Rear Tire Tread Type	4	All Weather	<a href="#">more</a>
V0708	Left Rear Tire Tread Type	4	All Weather	<a href="#">more</a>
V0709	Left Front Carcass Construction	3	Radial	<a href="#">more</a>
V0710	Right Front Carcass Construction	3	Radial	<a href="#">more</a>
V0711	Right Rear Carcass Construction	3	Radial	<a href="#">more</a>
V0712	Left Rear Carcass Construction	3	Radial	<a href="#">more</a>
V0713	Left Front Tire Condition Precrash	0	Normal - no pre-crash problems	<a href="#">more</a>
V0714	Right Front Tire Condition Precrash	0	Normal - no pre-crash problems	<a href="#">more</a>
V0715	Right Rear Tire Condition Precrash	0	Normal - no pre-crash problems	<a href="#">more</a>
V0716	Left Rear Tire Condition Precrash	0	Normal - no pre-crash problems	<a href="#">more</a>
V0717	Left Front Tire Condition Postcrash	3	Sidewall cut, tear, or other sidewall damage	<a href="#">more</a>
V0718	Right Front Tire Condition Postcrash	0	Normal - no damage to tire	<a href="#">more</a>
V0719	Right Rear Tire Condition Postcrash	0	Normal - no damage to tire	<a href="#">more</a>
V0720	Left Rear Tire Condition Postcrash	0	Normal - no damage to tire	<a href="#">more</a>
V0721	Left Front Tire Involvement	0	No	<a href="#">more</a>
V0722	Right Front Tire Involvement	0	No	<a href="#">more</a>
V0723	Right Rear Tire Involvement	0	No	<a href="#">more</a>
V0724	Left Rear Tire Involvement	0	No	<a href="#">more</a>
V0725	Left Front Tire Size	P21570R15	—	—
V0726	Right Front Tire Size	P21570R15	—	—
V0727	Right Rear Tire Size	P21570R15	—	—
V0728	Left Rear Tire Size	P21570R15	—	—
V0729	Left Front Tire Pressure (recorded in psi)	00.0 psi	Actual tire pressure in psi	<a href="#">more</a>
V0730	Right Front Tire Pressure (recorded in psi)	25.0 psi	Actual tire pressure in psi	<a href="#">more</a>
V0731	Right Rear Tire Pressure (recorded in psi)	28.0 psi	Actual tire pressure in psi	<a href="#">more</a>
	Left Rear Tire Pressure			

V0732	(recorded in psi)	30.0 psi	Actual tire pressure in psi	<a href="#">more</a>
V0733	Left Front Tread Depth	07	07/32"	<a href="#">more</a>
V0734	Right Front Tread Depth	08	08/32"	<a href="#">more</a>
V0735	Right Rear Tread Depth	06	06/32"	<a href="#">more</a>
V0736	Left Rear Tread Depth	08	08/32"	<a href="#">more</a>

### Case Vehicle Fuel Tank

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V0801	Propulsive Fuel Type	1	Gasoline	<a href="#">more</a>
V0802	Main Tank Location	322	Within frame/centered laterally - within vertical	<a href="#">more</a>
V0803	Main Filler Cap Location	313	Left of frame laterally - above vertically	<a href="#">more</a>
V0804	Main Tank Material	3	Plastic	<a href="#">more</a>
V0805	Aux Tank Type	8	Not applicable (not equipped)	<a href="#">more</a>
V0806	Aux Tank Location	888	Not applicable (not equipped)	<a href="#">more</a>
V0807	Aux Filler Cap Location	888	Not applicable (not equipped)	<a href="#">more</a>
V0808	Aux Tank Material	8	Not applicable	<a href="#">more</a>

### Case Vehicle Fuel Leakage

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V0901	Fuel Leakage From Crash	0	No	<a href="#">more</a>

### Case Vehicle Fire

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V1001	Fire In Or On Case Vehicle	0	No	<a href="#">more</a>

### Case Vehicle Exterior

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V1101	Hood Latch Released	1	Yes	<a href="#">more</a>
V1102	Hood Latch Damaged	1	Yes	<a href="#">more</a>
		0		

V1103	Hood Latch Jammed		No	<a href="#">more</a>
V1104	Left Hood Hinge Damaged	1	Yes	<a href="#">more</a>
V1105	Left Hood Hinge Separated	1	Yes	<a href="#">more</a>
V1106	Right Hood Hinge Damaged	1	Yes	<a href="#">more</a>
V1107	Right Hood Hinge Separated	0	No	<a href="#">more</a>
V1108	Hood Remained On Vehicle	1	Yes	<a href="#">more</a>
V1109	Rear Hood Edge Elevated	1	Yes	<a href="#">more</a>
V1110	Edge Contacted Windshield	9	Unknown	<a href="#">more</a>
V1111	Edge Penetrated Windshield	9	Unknown	<a href="#">more</a>
V1112	Hood Latch Location	1	Front of Vehicle	<a href="#">more</a>
V1113	Eng/transmissn Mount Separated	0	No	<a href="#">more</a>
V1114	Steering Column Flex Couplng	9	Unknown if equipped	<a href="#">more</a>
V1115	Steering Column Coupling Dam	9	Unknown	<a href="#">more</a>
V1116	Steering Column Coupling Separated	9	Unknown	<a href="#">more</a>
V1117	Eng Comp Telescopng Unit	88	Not currently collected	<a href="#">more</a>
V1118	Compartment Unit's Original/telescoped Length Difference	888	Not currently collected	<a href="#">more</a>
V1119	Left Side Body Mount Separated	0	No	<a href="#">more</a>
V1120	Upper Left A-pillar Sep	4	No separation, but damaged	<a href="#">more</a>
V1121	Lower Left A-pillar Sep	4	No separation, but damaged	<a href="#">more</a>
V1122	Upper Left B-pillar Sep	4	No separation, but damaged	<a href="#">more</a>
V1123	Lower Left B-pillar Sep	4	No separation, but damaged	<a href="#">more</a>
V1124	Upper Left C-pillar Sep	8	Not applicable (not equipped)	<a href="#">more</a>
V1125	Lower Left C-pillar Sep	8	Not applicable (not equipped)	<a href="#">more</a>
V1126	Upper Left D-pillar Sep	8	Not applicable (not equipped)	<a href="#">more</a>
V1127	Lower Left D-pillar Sep	8	Not applicable (not equipped)	<a href="#">more</a>
V1128	Left Front Door Opening Cause	00	Door did not open	<a href="#">more</a>
V1129	Left Rear Door Opening Cause	98	Not applicable (no left rear door)	<a href="#">more</a>
V1130	Left Front Door Jammed Closed	1	Yes	<a href="#">more</a>
V1131	Left Rear Door Jammed Closed	8	Not applicable (no left rear door)	<a href="#">more</a>
V1132	Van Left Rear Door Type	8	Not applicable (not a van)	<a href="#">more</a>

V1133	Left Front Glazing Availability	9	Unknown	<a href="#">more</a>
V1134	Left Rear Glazing Availability	0	No glazing present	<a href="#">more</a>
V1135	Lr2 Glazing Availability	0	No glazing present	<a href="#">more</a>
V1136	Left Front Glazing Damage	1	Shattered	<a href="#">more</a>
V1137	Left Rear Glazing Damage	8	N/A	<a href="#">more</a>
V1138	Lr2 Glazing Damage	8	Not Applicable (No Door)	<a href="#">more</a>
V1139	Rear Door Type	0	No door (includes pickups)	<a href="#">more</a>
V1140	Rear Door Opening Cause	8	Not applicable (no rear door)	<a href="#">more</a>
V1141	Rear Door Jammed Closed	8	Not applicable (no rear door)	<a href="#">more</a>
V1142	Rear Glazng Availability	8	Not Applicable (No Door)	<a href="#">more</a>
V1143	Rear Glazing Damage	8	Not Applicable (No Door)	<a href="#">more</a>
V1144	Luggage Partition Damaged	8	Not applicable	<a href="#">more</a>
V1145	Spare Tire Status	8	Not collected	<a href="#">more</a>
V1146	Trailer Hitch Type	0	No hitch	<a href="#">more</a>
V1147	Trailer Type	0	No trailer	<a href="#">more</a>
V1148	Rght Side Body Mount Separated	0	No	<a href="#">more</a>
V1149	Upper Right A-pillar Separated	4	No separation, but damaged	<a href="#">more</a>
V1150	Lower Right A-pillar Separated	4	No separation, but damaged	<a href="#">more</a>
V1151	Upper Right B-pillar Separated	0	No	<a href="#">more</a>
V1152	Lower Right B-pillar Separated	4	No separation, but damaged	<a href="#">more</a>
V1153	Upper Right C-pillar Separated	8	Not applicable (not equipped)	<a href="#">more</a>
V1154	Lower Right C-pillar Separated	8	Not applicable (not equipped)	<a href="#">more</a>
V1155	Upper Right D-pillar Separated	8	Not applicable (not equipped)	<a href="#">more</a>
V1156	Lower Right D-pillar Separated	8	Not applicable (not equipped)	<a href="#">more</a>
V1157	Right Front Door Opening Cause	00	Door did not open	<a href="#">more</a>
V1158	Right Rear Door Opening Cause	98	Not applicable (no right rear door)	<a href="#">more</a>
V1159	Right Front Door Jammed Closed	1	Yes	<a href="#">more</a>



V1160	Right Rear Door Jammed Closed	8	Not applicable (no right rear door)	<a href="#">more</a>
V1161	Van Right-rear Door Type	8	Not applicable (not a van)	<a href="#">more</a>
V1162	Right Front Glazing Availability	2	Closed	<a href="#">more</a>
V1163	Right Rear Glazing Availability	0	No glazing present	<a href="#">more</a>
V1164	Rr2 Glazing Availability	0	No glazing present	<a href="#">more</a>
V1165	Right Front Glazing Damage	1	Shattered	<a href="#">more</a>
V1166	Right Rear Glazing Damage	8	N/A	<a href="#">more</a>
V1167	Rr2 Glazing Damage	8	Not Applicable (No Door)	<a href="#">more</a>
V1168	Windshield Cracked	1	Yes	<a href="#">more</a>
V1169	Windshield Broken	9	Unknown <a href="#">Click for Windshield Damage figure</a>	<a href="#">more</a>
V1170	Occupant Cracked/Broke Wndshld	0	No	<a href="#">more</a>
V1171	Bond Separation Extent	9	Unknown if separated	<a href="#">more</a>
V1172	Windshield Code	99	<a href="#">Click for Windshield Mark figure</a>	<a href="#">more</a>
V1173	Did Sun Roof/T-Roof Open	8	Not Applicable	<a href="#">more</a>

### Case Vehicle Steering Column/Rim

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V1201	Steering Wheel Rim Damage	2	Severely bent	<a href="#">more</a>
V1202	Number of Steering Wheel Spokes	4	4 spokes	<a href="#">more</a>
V1203	Steering Wheel Spoke Damage	2	Severely bent	<a href="#">more</a>
V1204	Steering Wheel Hub Damage	0	None	<a href="#">more</a>
V1205	Steering Wheel Location of Rim Damage	1	Top half	<a href="#">more</a>
V1206	Aftermarket Add-on Device	0	None	<a href="#">more</a>
V1207	Column Tilt Feature	2	Up	<a href="#">more</a>
V1208	Column Swing-away Feature	0	Not equipped	<a href="#">more</a>
V1209	Column Telescoping Feature	0	Not equipped	<a href="#">more</a>
V1210	Wheel Energy Absorb Device	8	Not currently collected	<a href="#">more</a>
V1211	Wheel EA Device's original/damage Dimension Difference	888	Not collected	<a href="#">more</a>

V1212	Column Energy Absorb Device	88	Not collected	<a href="#">more</a>
V1213	Col EA Device's Orig/compressed (or Extruded) Length Diff	888	Not collected	<a href="#">more</a>
V1214	Shear Capsule Separation	888	Not collected	<a href="#">more</a>
V1215	Column Vertical Rotation	0	No apparent rotation	<a href="#">more</a>
V1216	Column Lateral Rotation	2	Right apparent rotation	<a href="#">more</a>

## Case Vehicle Intrusion

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V1301	Was Occupant Compartment Intruded	1	Yes <a href="#">Click for Intrusion figure</a>	<a href="#">more</a>
V1302	Was Intrusn Catastrophic	0	No	<a href="#">more</a>
V1303	Intrusion #1	01	Intrusion Number	<a href="#">more</a>
V1304	Occupant Space Number(1)	11	First row, Left seat	<a href="#">more</a>
V1305	Intrud Component/obj (1)	01	Instrument panel	<a href="#">more</a>
V1306	Associate Event Numb (1)	1	Event #1	<a href="#">more</a>
V1307	Maximum Intrusion X Axis	29 cm	Intrusion (cm)	<a href="#">more</a>
V1308	Maximum Intrusion Y Axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1309	Maximum Intrusion Z Axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1310	Occupant Number #1 (1)	01	Occupant number 1, contact	<a href="#">more</a>
V1311	Injury #1 (1)	20	No injury or no intrusion	<a href="#">more</a>
V1312	Occupant Number #2 (1)	01	Occupant number 1, contact	<a href="#">more</a>
V1313	Injury #2 (1)	20	Injury #20	<a href="#">more</a>
V1314	Intrusion Number #2	02	Intrusion #2	<a href="#">more</a>
V1315	Occupant Space Number(2)	11	First row, Left seat	<a href="#">more</a>
V1316	Intrud Component/obj (2)	15	Roof or convertible top	<a href="#">more</a>
V1317	Associate Event Numb (2)	1	Event #1	<a href="#">more</a>
V1318	Maximum Intrusion X Axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1319	Maximum Intrusion Y Axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1320	Maximum Intrusion Z Axis	20 cm	Intrusion (cm)	<a href="#">more</a>
V1321	Occupant Number #1 (2)	01	Occupant number 1, contact	<a href="#">more</a>
V1322	Injury #1 (2)	01	No injury or no intrusion	<a href="#">more</a>
V1323	Occupant Number #2 (2)	01	Occupant number 1, contact	<a href="#">more</a>
V1324	Injury Number #2 (2)	02	Injury #2	<a href="#">more</a>
V1325	Intrusion Number #3	03	Intrusion #3	<a href="#">more</a>

V1326	Occupant Space Number(3)	11	First row, Left seat	<a href="#">more</a>
V1327	Intrud Component/obj (3)	03	Toe pan	<a href="#">more</a>
V1328	Associate Event Numb (3)	1	Event #1	<a href="#">more</a>
V1329	Maximum Intrusion X Axis	17 cm	Intrusion (cm)	<a href="#">more</a>
V1330	Maximum Intrusion Y Axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1331	Maximum Intrusion Z Axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1332	Occupant Number #1 (3)	00	No contact or no intrusion	<a href="#">more</a>
V1333	Injury #1 (3)	00	No injury or no intrusion	<a href="#">more</a>
V1334	Occupant Number #2 (3)	00	No contact or no intrusion	<a href="#">more</a>
V1335	Injury Number #2 (3)	00	No injury or no intrusion	<a href="#">more</a>
V1336	Intrusion Number #4	04	Intrusion #4	<a href="#">more</a>
V1337	Occupant Space Number(4)	11	First row, Left seat	<a href="#">more</a>
V1338	Intrud Component/obj (4)	05	Steering column	<a href="#">more</a>
V1339	Associate Event Numb (4)	1	Event #1	<a href="#">more</a>
V1340	Maximum Intrusion X Axis	16 cm	Intrusion (cm)	<a href="#">more</a>
V1341	Maximum Intrusion Y Axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1342	Maximum Intrusion Z Axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1343	Occupant Number #1 (4)	01	Occupant number 1, contact	<a href="#">more</a>
V1344	Injury #1 (4)	17	No injury or no intrusion	<a href="#">more</a>
V1345	Occupant Number #2 (4)	00	No contact or no intrusion	<a href="#">more</a>
V1346	Injury Number #2 (4)	00	No injury or no intrusion	<a href="#">more</a>
V1347	Intrusion Number #5	05	Intrusion #5	<a href="#">more</a>
V1348	Occupant Space Number(5)	11	First row, Left seat	<a href="#">more</a>
V1349	Intrud Component/obj (5)	29	Side footwell panel (kickpanel)	<a href="#">more</a>
V1350	Associate Event Numb (5)	1	Event #1	<a href="#">more</a>
V1351	Maximum Intrusion X Axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1352	Maximum Intrusion Y Axis	10 cm	Intrusion (cm)	<a href="#">more</a>
V1353	Maximum Intrusion Z Axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1354	Occupant Number #1 (5)	01	Occupant number 1, contact	<a href="#">more</a>
V1355	Injury #1 (5)	22	No injury or no intrusion	<a href="#">more</a>
V1356	Occupant Number #2 (5)	01	Occupant number 1, contact	<a href="#">more</a>
V1357	Injury Number #2 (5)	23	Injury #23	<a href="#">more</a>
V1358	Intrusion Number #6	06	Intrusion #6	<a href="#">more</a>
V1359	Occupant Space Number(6)	11	First row, Left seat	<a href="#">more</a>
V1360	Intrud Component/obj (6)	07	Windshield header	<a href="#">more</a>
V1361	Associate Event Numb (6)	1	Event #1	<a href="#">more</a>
V1362	Maximum Intrusion X Axis	02 cm	Intrusion (cm)	<a href="#">more</a>
V1363	Maximum Intrusion Y Axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>

V1364	Maximum Intrusion Z Axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1365	Occupant Number #1 (6)	01	Occupant number 1, contact	<a href="#">more</a>
V1366	Injury #1 (6)	01	No injury or no intrusion	<a href="#">more</a>
V1367	Occupant Number #2 (6)	00	No contact or no intrusion	<a href="#">more</a>
V1368	Injury Number #2 (6)	00	No injury or no intrusion	<a href="#">more</a>
V1369	Intrusion Number #7	07	Intrusion #7	<a href="#">more</a>
V1370	Occupant Space Number(7)	12	First row, Center seat	<a href="#">more</a>
V1371	Intrud Component/obj (7)	04	Floor pan	<a href="#">more</a>
V1372	Associate Event Numb (7)	1	Event #1	<a href="#">more</a>
V1373	Maximum Intrusion X Axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1374	Maximum Intrusion Y Axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1375	Maximum Intrusion Z Axis	05 cm	Intrusion (cm)	<a href="#">more</a>
V1376	Occupant Number #1 (7)	00	No contact or no intrusion	<a href="#">more</a>
V1377	Injury #1 (7)	00	No injury or no intrusion	<a href="#">more</a>
V1378	Occupant Number #2 (7)	00	No contact or no intrusion	<a href="#">more</a>
V1379	Injury Number #2 (7)	00	No injury or no intrusion	<a href="#">more</a>
V1380	Intrusion Number #8	08	Intrusion #8	<a href="#">more</a>
V1381	Occupant Space Number(8)	12	First row, Center seat	<a href="#">more</a>
V1382	Intrud Component/obj (8)	01	Instrument panel	<a href="#">more</a>
V1383	Associate Event Numb (8)	1	Event #1	<a href="#">more</a>
V1384	Maximum Intrusion X Axis	04 cm	Intrusion (cm)	<a href="#">more</a>
V1385	Maximum Intrusion Y Axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1386	Maximum Intrusion Z Axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1387	Occupant Number #1 (8)	00	No contact or no intrusion	<a href="#">more</a>
V1388	Injury #1 (8)	00	No injury or no intrusion	<a href="#">more</a>
V1389	Occupant Number #2 (8)	00	No contact or no intrusion	<a href="#">more</a>
V1390	Injury #2 (8)	00	No injury or no intrusion	<a href="#">more</a>
V1391	Intrusion Number #9	09	Intrusion #9	<a href="#">more</a>
V1392	Occupant Space Number(9)	13	First row, Right seat	<a href="#">more</a>
V1393	Intrud Component/obj (9)	04	Floor pan	<a href="#">more</a>
V1394	Associate Event Numb (9)	1	Event #1	<a href="#">more</a>
V1395	Maximum Intrusion X Axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1396	Maximum Intrusion Y Axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1397	Maximum Intrusion Z Axis	05 cm	Intrusion (cm)	<a href="#">more</a>
V1398	Occupant Number #1 (9)	00	No contact or no intrusion	<a href="#">more</a>
V1399	Injury #1 (9)	00	No injury or no intrusion	<a href="#">more</a>
V1400	Occupant Number #2 (9)	00	No contact or no intrusion	<a href="#">more</a>
V1401	Injury Number #2 (9)	00	No injury or no intrusion	<a href="#">more</a>

V1402	Intrusion Number #10	99	Unknown or data not collected	<a href="#">more</a>
V1403	Occupant Space Number (10)	99	Unknown or data not collected	<a href="#">more</a>
V1404	Intrud Component/obj(10)	99	Unknown or data not collected	<a href="#">more</a>
V1405	Associate Event Numb(10)	9	Unknown or data not collected	<a href="#">more</a>
V1406	Maximum Intrusion X Axis	99	Unknown or data not collected	<a href="#">more</a>
V1407	Maximum Intrusion Y Axis	99	Unknown or data not collected	<a href="#">more</a>
V1408	Maximum Intrusion Z Axis	99	Unknown or data not collected	<a href="#">more</a>
V1409	Occupant Number #1 (10)	99	Unknown or data not collected	<a href="#">more</a>
V1410	Injury #1 (10)	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1411	Occupant Number #2 (10)	99	Unknown or data not collected	<a href="#">more</a>
V1412	Injury Number #2 (10)	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1413	Intrusion Number (a)	88	Not Applicable	<a href="#">more</a>
V1414	Cause Of Intrusion (a)	8	Not applicable	<a href="#">more</a>
V1415	Intrusion Number (b)	88	Not Applicable	<a href="#">more</a>
V1416	Cause Of Intrusion (b)	8	Not applicable	<a href="#">more</a>
V1417	Intrusion Number (c)	88	Not Applicable	<a href="#">more</a>
V1418	Cause Of Intrusion (c)	8	Not applicable	<a href="#">more</a>
V1419	Intrusion Number (a)	88	Not Applicable	<a href="#">more</a>
V1420	Damaged Component 1 (a)	8	Not Applicable	<a href="#">more</a>
V1421	Damaged Component 2 (a)	8	Not Applicable	<a href="#">more</a>
V1422	Intrusion Number (b)	88	Not Applicable	<a href="#">more</a>
V1423	Damaged Component 1 (b)	8	Not Applicable	<a href="#">more</a>
V1424	Damaged Component 2 (b)	8	Not Applicable	<a href="#">more</a>
V1425	Intrusion Number (c)	88	Not Applicable	<a href="#">more</a>
V1426	Damaged Component 1 (c)	8	Not Applicable	<a href="#">more</a>
V1427	Damaged Component 2 (c)	8	Not Applicable	<a href="#">more</a>
V1428	Intrusion Number (d)	88	Not Applicable	<a href="#">more</a>
V1429	Damaged Component 1 (d)	8	Not Applicable	<a href="#">more</a>
V1430	Damaged Component 2 (d)	8	Not Applicable	<a href="#">more</a>

### Case Vehicle Airbag(s)

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V1501	Driver Airbag Equipped	1	Yes <a href="#">Click for Driver Airbag figure</a>	<a href="#">more</a>
V1502	Right Front Airbag Equip	1	Yes <a href="#">Click for Passenger Airbag figure</a>	<a href="#">more</a>
V1503	Left Rear Airbag Equipped	0	No	<a href="#">more</a>

V1504	Right Rear Airbag Equipped	0	No	<a href="#">more</a>
V1505	Driver Airbag Deployed	1	Yes	<a href="#">more</a>
V1506	Rght Front Airbag Deploy	0	No	<a href="#">more</a>
V1507	Left Rear Airbag Deploy	8	Not applicable (no airbag)	<a href="#">more</a>
V1508	Rught Rear Airbag Deploy	8	Not applicable (no airbag)	<a href="#">more</a>
V1509	Driver On/off Switch	0	Not equipped (no switch)	<a href="#">more</a>
V1510	Rght Front On/off Switch	9	Unknown	<a href="#">more</a>
V1511	Left Rear On/off Switch	8	Not applicable (no airbag)	<a href="#">more</a>
V1512	Right Rear On/off Switch	8	Not applicable (no airbag)	<a href="#">more</a>
V1513	Driver Airbag Location	1	Steering wheel	<a href="#">more</a>
V1514	Right Front Airbag Location	8	Not deployed	<a href="#">more</a>
V1515	Left Rear Airbag Location	0	No airbag	<a href="#">more</a>
V1516	Right Rear Airbag Location	0	No airbag	<a href="#">more</a>
V1517	Driver Airbag Condition	0	No damage	<a href="#">more</a>
V1518	Right Front Airbag Condition	8	Not applicable (not equipped / not deployed)	<a href="#">more</a>
V1519	Left Rear Airbag Condition	8	Not applicable (not equipped / not deployed)	<a href="#">more</a>
V1520	Right Rear Airbag Condition	8	Not applicable (not equipped / not deployed)	<a href="#">more</a>
V1521	Driver Airbag Tether	1	Yes	<a href="#">more</a>
V1522	Right Front Airbag Tether	8	Not applicable	<a href="#">more</a>
V1523	Left Rear Airbag Tether	8	Not applicable	<a href="#">more</a>
V1524	Right Rear Airbag Tether	8	Not applicable	<a href="#">more</a>
V1525	Driver Marked By Contact	1	Yes	<a href="#">more</a>
V1526	Right Front Marked By Contact	8	Not applicable (no airbag / not deployed)	<a href="#">more</a>
V1527	Left Rear Marked By Contact	8	Not applicable (no airbag / not deployed)	<a href="#">more</a>
V1528	Right Rear Marked By Contact	8	Not applicable (no airbag / not deployed)	<a href="#">more</a>
V1529	Driver Module Type	2	I-pattern flaps	<a href="#">more</a>
V1530	Right Front Module Type	8	Other	<a href="#">more</a>
V1531	Left Rear Module Type	0	No airbag present	<a href="#">more</a>
V1532	Right Rear Module Type	0	No airbag present	<a href="#">more</a>
V1533	Driver Module Cover Dam.	1	Flaps not damaged / marked	<a href="#">more</a>
V1534	Right Front Module Cover Dam.	8	Airbag not deployed	<a href="#">more</a>
V1535	Left Rear Module Cover Dam.	0	No airbag	<a href="#">more</a>

V1536	Right Rear Module Cover Dam.	0	No airbag	<a href="#">more</a>
V1537	Driver Airbag Type	1	Original equipment	<a href="#">more</a>
V1538	Right Front Airbag Type	8	Airbag not deployed	<a href="#">more</a>
V1539	Left Rear Airbag Type	0	No airbag	<a href="#">more</a>
V1540	Right Rear Airbag Type	0	No airbag	<a href="#">more</a>
V1541	Driver Airbag Vents	2	Vents present	<a href="#">more</a>
V1542	Right Front Airbag Vents	3	Non-deployed	<a href="#">more</a>
V1543	Left Rear Airbag Vents	0	No airbag	<a href="#">more</a>
V1544	Right Rear Airbag Vents	0	No airbag	<a href="#">more</a>
V1545	Driver Knee Bolster Equipped	0	No	<a href="#">more</a>
V1546	Right Front Knee Bolster Equipped	0	No	<a href="#">more</a>
V1547	Left Rear Knee Bolster Equipped	0	No	<a href="#">more</a>
V1548	Right Rear Knee Bolster Equipped	0	No	<a href="#">more</a>
V1549	Driver Knee Bolster Deploy	8	Not applicable (no airbag)	<a href="#">more</a>
V1550	Right Front Knee Bolster Deploy	8	Not applicable (no airbag)	<a href="#">more</a>
V1551	Left Rear Knee Bolster Deploy	8	Not applicable (no airbag)	<a href="#">more</a>
V1552	Right Rear Knee Bolster Deploy	8	Not applicable (no airbag)	<a href="#">more</a>
V1553	Left Front Number of Tethers	4	Tethers	<a href="#">more</a>
V1554	Left Front Number of Vents	2	Vents	<a href="#">more</a>
V1555	Right Front Number of Tethers	8	Not applicable (no airbag)	<a href="#">more</a>
V1556	Right Front Number of Vents	8	Not applicable (no airbag)	<a href="#">more</a>
V1557	Left Rear Number of Tethers	8	Not applicable (no airbag)	<a href="#">more</a>
V1558	Left Rear Number of Vents	8	Not applicable (no airbag)	<a href="#">more</a>
V1559	Right Rear Number of Tethers	8	Not applicable (no airbag)	<a href="#">more</a>
V1560	Right Rear Number of Vents	8	Not applicable (no airbag)	<a href="#">more</a>

## Case Vehicle Interior

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V1601	Left Front Door Damaged	4	Yes, occupant contact	<a href="#">more</a>

V1602	Right Front Door Damaged	0	No	<a href="#">more</a>
V1603	Left Front Hardware Damaged	4	Yes, occupant contact	<a href="#">more</a>
V1604	Right Front Hardware Damaged	0	No	<a href="#">more</a>
V1605	Left Front Armrest Damaged	4	Yes, occupant contact	<a href="#">more</a>
V1606	Right Front Armrest Damaged	0	No	<a href="#">more</a>
V1607	Left Front Glass Damaged	4	Yes, occupant contact	<a href="#">more</a>
V1608	Right Front Glass Damaged	0	No	<a href="#">more</a>
V1609	Left Rear Door Area Damaged	8	Not applicable	<a href="#">more</a>
V1610	Right Rear Door Area Damaged	8	Not applicable	<a href="#">more</a>
V1611	Left Rear Hardware Damaged	8	Not applicable	<a href="#">more</a>
V1612	Right Rear Hardware Damaged	8	Not applicable	<a href="#">more</a>
V1613	Left Rear Armrest Damaged	8	Not applicable	<a href="#">more</a>
V1614	Right Rear Armrest Damaged	8	Not applicable	<a href="#">more</a>
V1615	Left Rear Glass Damaged	8	Not applicable	<a href="#">more</a>
V1616	Right Rear Glass Damaged	8	Not applicable	<a href="#">more</a>
V1617	Left Roof Side Rail Damaged	1	Yes	<a href="#">more</a>
V1618	Right Roof Side Rail Damaged	0	No	<a href="#">more</a>
V1619	Left B-pillar Damaged	0	No	<a href="#">more</a>
V1620	Right B-pillar Damaged	0	No	<a href="#">more</a>
V1621	Left C-pillar Damaged	8	Not applicable	<a href="#">more</a>
V1622	Right C-pillar Damaged	8	Not applicable	<a href="#">more</a>
V1623	Left D-pillar Damaged	8	Not applicable	<a href="#">more</a>
V1624	Right D-pillar Damaged	8	Not applicable	<a href="#">more</a>
V1625	Left Headlining Damaged	1	Yes	<a href="#">more</a>
V1626	Right Headlining Damaged	0	No	<a href="#">more</a>
V1627	Left Roof Structure Damaged	1	Yes	<a href="#">more</a>
V1628	Right Roof Structure Damaged	0	No	<a href="#">more</a>
V1629	Left T/sun Roof Damaged	8	Not applicable	<a href="#">more</a>
V1630	Right T/sun Roof Damaged	8	Not applicable	<a href="#">more</a>
V1631	Other Left Side Item Damagd	8	Not applicable	<a href="#">more</a>
V1632	Other Right Side Item	8	Not applicable	<a href="#">more</a>



	Damagd			
V1633	Foot Controls Damaged	1	Yes	<a href="#">more</a>
V1634	Ignition Key Damaged	0	No	<a href="#">more</a>
V1635	Rear View Mirror Damaged	1	Yes	<a href="#">more</a>
V1636	Sunvisor/fitting Damaged	5	Left side only	<a href="#">more</a>
V1637	Windshld Molding Damaged	1	Yes	<a href="#">more</a>
V1638	Left A-pillar Damaged	1	Yes	<a href="#">more</a>
V1639	Right A-pillar Damaged	0	No	<a href="#">more</a>
V1640	Console Damaged	0	No	<a href="#">more</a>
V1641	Transmissn Lever Damaged	0	No	<a href="#">more</a>
V1642	Horn/spoke Shroud Damagd	4	Yes, occupant contact	<a href="#">more</a>
V1643	Upper Panel Damaged	4	Yes, occupant contact	<a href="#">more</a>
V1644	Mid Panel Damaged	1	Yes	<a href="#">more</a>
V1645	Lower Panel Damaged	4	Yes, occupant contact	<a href="#">more</a>
V1646	Ashtray Damaged	0	No	<a href="#">more</a>
V1647	Control Knob/lever Damaged	1	Yes	<a href="#">more</a>
V1648	Glove Compart Area Damaged	0	No	<a href="#">more</a>
V1649	Instruments Damaged	1	Yes	<a href="#">more</a>
V1650	Park Brake Release Damaged	0	No	<a href="#">more</a>
V1651	Park Brake Pedal Damaged	0	No	<a href="#">more</a>
V1652	A/c Or Upper Vent Damagd	1	Yes	<a href="#">more</a>
V1653	Heater Or A/c Duct Damaged	0	No	<a href="#">more</a>
V1654	Radio Damaged	0	No	<a href="#">more</a>
V1655	Other Front Item Damaged	8	Not applicable	<a href="#">more</a>
V1656	Rear Backlight Damaged	0	No	<a href="#">more</a>
V1657	Backlight Header Damaged	0	No	<a href="#">more</a>
V1658	Vertical Console Damaged	8	Not applicable	<a href="#">more</a>
V1659	Roof Console Damaged	8	Not applicable	<a href="#">more</a>

## Case Vehicle Seats

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V1701	Driver Front Seat Type	03	Split back - driver wide	<a href="#">more</a>
V1702	Passenger Front Seat Type	03	Split back - driver wide	<a href="#">more</a>
V1703	Driver Seat Mount Type	1	Standard	<a href="#">more</a>
V1704	Passenger Seat Mount Type	1	Standard	<a href="#">more</a>

V1705	Driver Swivel Mech Equipped	0	No	<a href="#">more</a>
V1706	Passenger Swivel Mech Equipped	0	No	<a href="#">more</a>
V1707	Driver Seat Original Equipment	1	Yes	<a href="#">more</a>
V1708	Passenger Seat Original Equipment	1	Yes	<a href="#">more</a>
V1709	Driver Seat/rear Oc Contct	8	Not applicable	<a href="#">more</a>
V1710	Passenger Seat/rear Oc Contct	8	Not applicable	<a href="#">more</a>
V1711	Driver Seat Damage	0	None	<a href="#">more</a>
V1712	Passenger Seat Damage	0	None	<a href="#">more</a>
V1713	Cntr Frnt Armrest Damagd	0	No	<a href="#">more</a>
V1714	Driver Seat-back Rotation	0	None apparent	<a href="#">more</a>
V1715	Passenger Seat-back Rotation	0	None apparent	<a href="#">more</a>
V1716	Driver Seat-back Type	3	Reclining	<a href="#">more</a>
V1717	Passenger Seat-back Type	3	Reclining	<a href="#">more</a>
V1718	Driver Seat-back Lock Type	1	Manual	<a href="#">more</a>
V1719	Passenger Seat-back Lock Type	1	Manual	<a href="#">more</a>
V1720	Driver Seat-back Lock Held	1	Yes	<a href="#">more</a>
V1721	Passenger Seat-back Lock Held	1	Yes	<a href="#">more</a>
V1722	Driver Recliner Mech Held	1	Yes	<a href="#">more</a>
V1723	Passenger Recliner Mech Held.	1	Yes	<a href="#">more</a>
V1724	Driver Head Restraint Type	1	Adjustable	<a href="#">more</a>
V1725	Passenger Head Restraint Type	1	Adjustable	<a href="#">more</a>
V1726	Driver Head Rest Removed	0	No	<a href="#">more</a>
V1727	Passenger Head Rest Removed	0	No	<a href="#">more</a>
V1728	Driver Head Rest Adjustmnt	2	Down	<a href="#">more</a>
V1729	Passenger Head Rest Adjustmnt	2	Down	<a href="#">more</a>
V1730	Driver Head Rest Damage	0	None	<a href="#">more</a>
V1731	Passenger Head Rest Damage	0	None	<a href="#">more</a>
V1732	Driver Rear Impact Counter	0	None	<a href="#">more</a>
V1733	Passenger Rear Impact Counter	0	None	<a href="#">more</a>

V1734	Driver Seat Adjustmnt Type	1	Manual	<a href="#">more</a>
V1735	Passenger Seat Adjustmnt Type	1	Manual	<a href="#">more</a>
V1736	Driver Seat Adjust Provisn	1	2-way	<a href="#">more</a>
V1737	Passenger Seat Adjust Provisn	1	2-way	<a href="#">more</a>
V1738	Driver Seat Adjuster Dam	0	None	<a href="#">more</a>
V1739	Passenger Seat Adjuster Dam	0	None	<a href="#">more</a>
V1740	Driver Seat Adjuster Sep	8	Not applicable	<a href="#">more</a>
V1741	Passenger Seat Adjuster Sep	8	Not applicable	<a href="#">more</a>
V1742	Driver Seat Pre-crash Pos	3	Rearward	<a href="#">more</a>
V1743	Passenger Seat Pre-crash Pos	3	Rearward	<a href="#">more</a>
V1744	Left Rear Seat Type	0	None	<a href="#">more</a>
V1745	Rght Rear Seat Type	0	None	<a href="#">more</a>
V1746	Left Rear Seat Damage	8	Not applicable	<a href="#">more</a>
V1747	Rght Rear Seat Damage	8	Not applicable	<a href="#">more</a>
V1748	Cntr Rear Armrest Damagd	8	Not applicable	<a href="#">more</a>
V1749	Left Rear Seat-back Left Lock Equipped	8	Not applicable	<a href="#">more</a>
V1750	Right Rear Seat-back Left Lock Equipped	8	Not applicable	<a href="#">more</a>
V1751	Left Rear Seat-back Left Lock Held	8	Not applicable	<a href="#">more</a>
V1752	Right Rear Seat-back Left Lock Held	8	Not applicable	<a href="#">more</a>
V1753	Left Rear Seat-back Right Lock Equipped	8	Not applicable	<a href="#">more</a>
V1754	Right Rear Seat-back Right Lock Equipped	8	Not applicable	<a href="#">more</a>
V1755	Left Rear Seat-back Right Lock Held	8	Not applicable	<a href="#">more</a>
V1756	Right Rear Seat-back Right Lock Held	8	Not applicable	<a href="#">more</a>
V1757	Left 3rd Seat Equipped	0	No	<a href="#">more</a>
V1758	Right 3rd Seat Equipped	0	No	<a href="#">more</a>
V1759	Left 3rd Row Type Seat	0	None	<a href="#">more</a>
V1760	Right 3rd Row Type Seat	0	None	<a href="#">more</a>
V1761	Left 3rd Seat Damage	8	Not applicable	<a href="#">more</a>
V1762	Right 3rd Seat Damage	8	Not applicable	<a href="#">more</a>
V1763	Left 3rd Seat Cushion Dam	8	Not applicable	<a href="#">more</a>

V1764	Right 3rd Seat Cushion Dam	8	Not applicable	<a href="#">more</a>
V1765	Left 3rd Seat L/c Lock Equipped	8	Not applicable	<a href="#">more</a>
V1766	Right 3rd Seat L/c Lock Equipped	8	Not applicable	<a href="#">more</a>
V1767	Left 3rd Seat L/c Lock Held	8	Not applicable	<a href="#">more</a>
V1768	Right 3rd Seat L/c Lock Held	8	Not applicable	<a href="#">more</a>
V1769	Left 3rd Seat Right Lock Equipped	8	Not applicable	<a href="#">more</a>
V1770	Right 3rd Seat Right Lock Equipped	8	Not applicable	<a href="#">more</a>
V1771	Left 3rd Seat Right Lock Held	8	Not applicable	<a href="#">more</a>
V1772	Right 3rd Seat Right Lock Held	8	Not applicable	<a href="#">more</a>
V1773	Rear Head Restraints	8	Not Applicable (no rear seat)	<a href="#">more</a>

### Case Vehicle Side Airbag(s)

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V1801	Side Airbag Equipped	0	Not equipped	<a href="#">more</a>
V1802	Left Front Seatback Mount Deploy	0	Not equipped	<a href="#">more</a>
V1803	Right Front Seatback Mount Deploy	0	Not equipped	<a href="#">more</a>
V1804	Left Rear Seatback Mount Deploy	0	Not equipped	<a href="#">more</a>
V1805	Right Rear Seatback Mount Deploy	0	Not equipped	<a href="#">more</a>
V1806	Left Front Seatback Module Type	0	Not equipped	<a href="#">more</a>
V1807	Right Front Seatback Module Type	0	Not equipped	<a href="#">more</a>
V1808	Left Rear Seatback Module Type	0	Not equipped	<a href="#">more</a>
V1809	Right Rear Seatback Module Type	0	Not equipped	<a href="#">more</a>
V1810	Left Front Seatback Airbag Type	0	Not equipped	<a href="#">more</a>
V1811	Right Front Seatback Airbag Type	0	Not equipped	<a href="#">more</a>

V1812	Left Rear Seatback Airbag Type	0	Not equipped	<a href="#">more</a>
V1813	Right Rear Seatback Airbag Type	0	Not equipped	<a href="#">more</a>
V1814	Left Front Seatback Airbag Cond.	0	Not equipped	<a href="#">more</a>
V1815	Right Front Seatback Airbag Cond.	0	Not equipped	<a href="#">more</a>
V1816	Left Rear Seatback Airbag Cond.	0	Not equipped	<a href="#">more</a>
V1817	Right Rear Seatback Airbag Cond.	0	Not equipped	<a href="#">more</a>
V1818	Left Front Door-mounted Deploy	0	Not equipped	<a href="#">more</a>
V1819	Right Front Door-mounted Deploy	0	Not equipped	<a href="#">more</a>
V1820	Left Rear Door-mounted Deploy	0	Not equipped	<a href="#">more</a>
V1821	Right Rear Door-mounted Deploy	0	Not equipped	<a href="#">more</a>
V1822	Left Front Door Module Type	0	Not equipped	<a href="#">more</a>
V1823	Right Front Door Module Type	0	Not equipped	<a href="#">more</a>
V1824	Left Rear Door Module Type	0	Not equipped	<a href="#">more</a>
V1825	Right Rear Door Module Type	0	Not equipped	<a href="#">more</a>
V1826	Left Front Door Airbag Type	0	Not equipped	<a href="#">more</a>
V1827	Right Front Door Airbag Type	0	Not equipped	<a href="#">more</a>
V1828	Left Rear Door Airbag Type	0	Not equipped	<a href="#">more</a>
V1829	Right Rear Door Airbag Type	0	Not equipped	<a href="#">more</a>
V1830	Left Front Door Airbag Condition	0	Not equipped	<a href="#">more</a>
V1831	Right Front Door Airbag Condition	0	Not equipped	<a href="#">more</a>
V1832	Left Rear Door Airbag Condition	0	Not equipped	<a href="#">more</a>
V1833	Right Rear Door Airbag Condition	0	Not equipped	<a href="#">more</a>
V1834	Left Front Roof Mounted Deploy	0	Not equipped	<a href="#">more</a>

V1835	Right Front Roof Mounted Deploy	0	Not equipped	<a href="#">more</a>
V1836	Left Rear Roof Mounted Deploy	0	Not equipped	<a href="#">more</a>
V1837	Right Rear Roof Mounted Deploy	0	Not equipped	<a href="#">more</a>
V1838	Left Front Roof Module Type	0	Not equipped	<a href="#">more</a>
V1839	Right Front Roof Module Type	0	Not equipped	<a href="#">more</a>
V1840	Left Rear Roof Module Type	0	Not equipped	<a href="#">more</a>
V1841	Right Rear Roof Module Type	0	Not equipped	<a href="#">more</a>
V1842	Left Front Roof Airbag Type	0	Not equipped	<a href="#">more</a>
V1843	Right Front Roof Airbag Type	0	Not equipped	<a href="#">more</a>
V1844	Left Rear Roof Airbag Type	0	Not equipped	<a href="#">more</a>
V1845	Right Rear Roof Airbag Type	0	Not equipped	<a href="#">more</a>
V1846	Left Front Roof Airbag Condition	0	Not equipped	<a href="#">more</a>
V1847	Right Front Roof Airbag Condition	0	Not equipped	<a href="#">more</a>
V1848	Left Rear Roof Airbag Condition	0	Not equipped	<a href="#">more</a>
V1849	Right Rear Roof Airbag Condition	0	Not equipped	<a href="#">more</a>

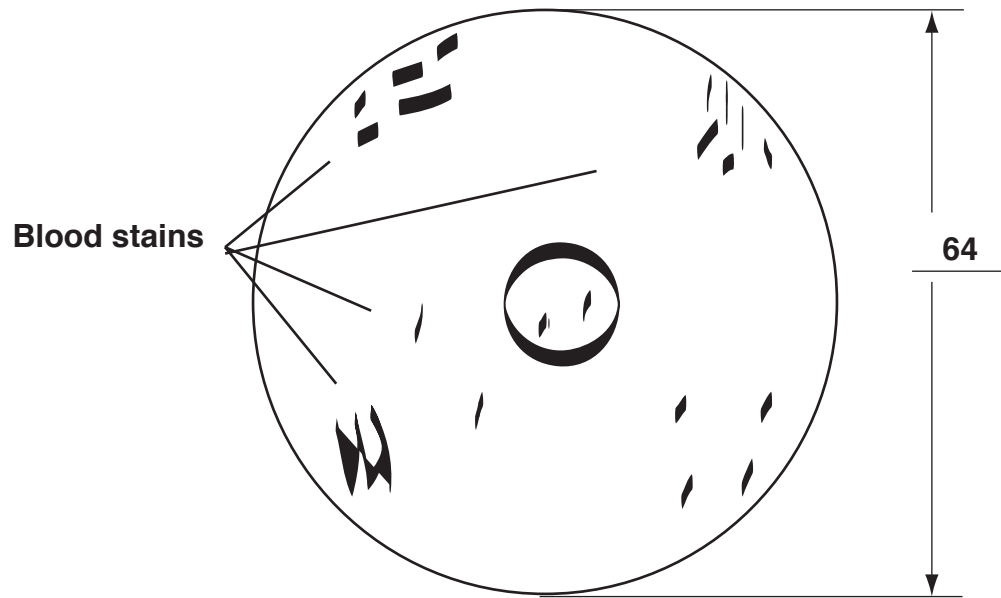
## EDR -- Event Data Recorder

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Variable Number	Variable Name	Code Value	Code Description	Other Options
V1901	Case Vehicle EDR Equipped	1	Yes	<a href="#">more</a>
V1902	Type Of File Recovered	1	Not downloaded	<a href="#">more</a>
V1903	EDR Pre-crash Braking	1	Not downloaded	<a href="#">more</a>
V1904	Event Data Recorder (EDR) Pre-impact Speed	92	Not downloaded	<a href="#">more</a>
V1905	EDR Driver Belt Status	1	Not downloaded	<a href="#">more</a>
V1906	EDR Right Front Belt Status	1	Not downloaded	<a href="#">more</a>
V1907	Right Front Airbag Suppressed	1	Not downloaded	<a href="#">more</a>
V1908	Sir Warning Lamp Status	1	Not downloaded	<a href="#">more</a>
V1909	Time Between Near Deployment and Deployment	6	Not downloaded	<a href="#">more</a>

	(in Seconds)			
V1910	Time Between Algorithm Enable and Deployment (in ms)	000	Not equipped	<a href="#">more</a>
V1911	Maximum Recorded Longitudinal Velocity Change (mph)	000	No time / not collected	<a href="#">more</a>
V1912	Maximum Recorded Lateral Velocity Change (mph)	000	No time / not collected	<a href="#">more</a>
V1913	More Than One Deploy?	1	Not downloaded	<a href="#">more</a>

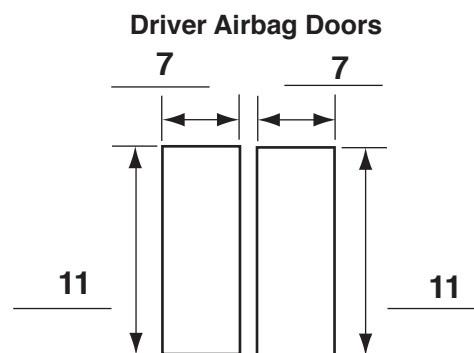
Driver Airbag



Vents:  Y N  
if yes, how many: 2

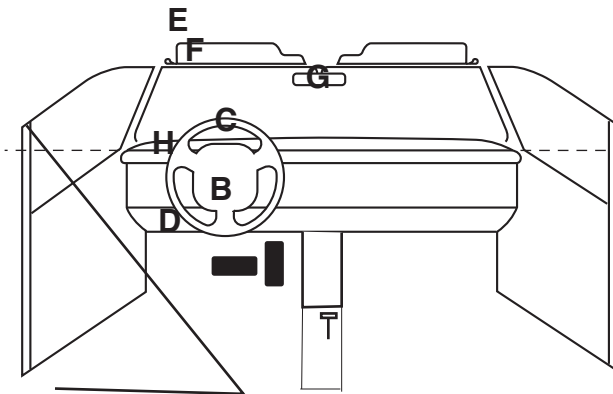
Tethers:  Y N  
if yes, how many: 4

at 1 and 11 o'clock

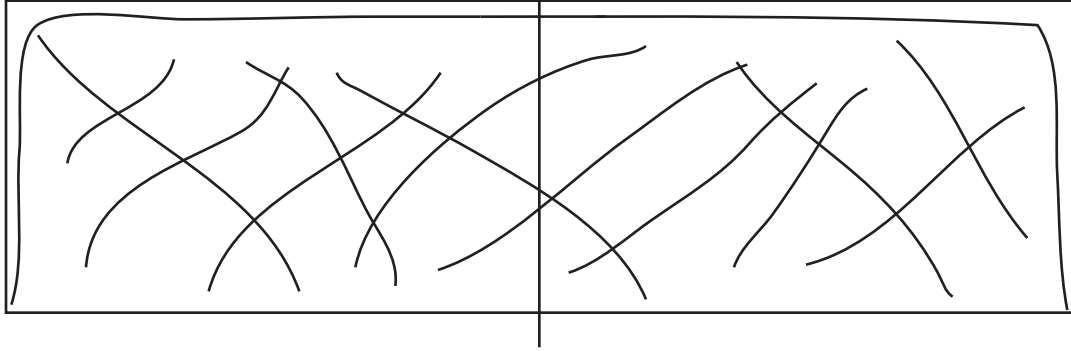


I-Pattern



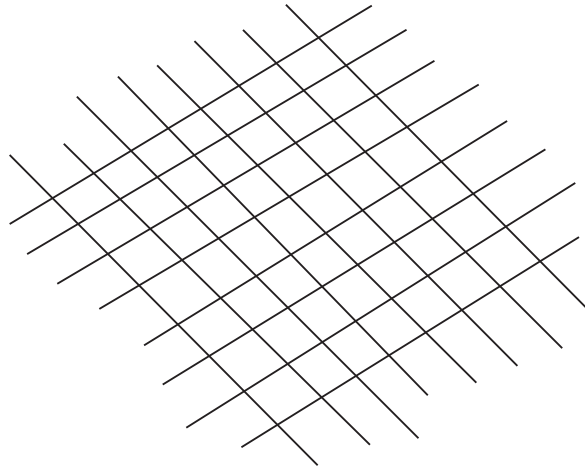


- A = driver seatbelt, load marks**
- B = steering-wheel airbag, blood deposit**
- C = upper steering-wheel rim, deflected fwd 7 cm**
- D = knee bolster, deformed**
- E = roof, blood deposit**
- F = sunvisor, scuffmark**
- G = rear-view mirror, dislodged/cracked**
- H = upper instrument panel shroud, blood**

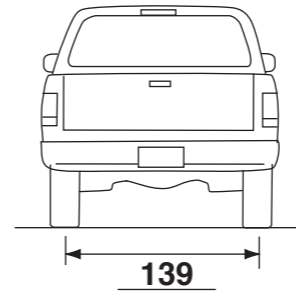
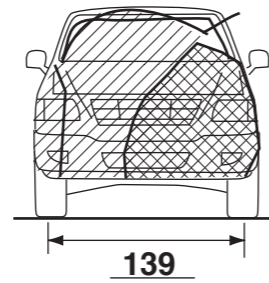


**Cut out by rescue personnel.**

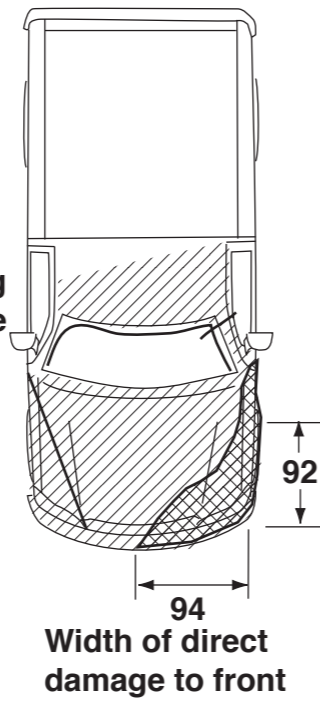
WINDSHIELD MARK ON CASE VEHICLE:



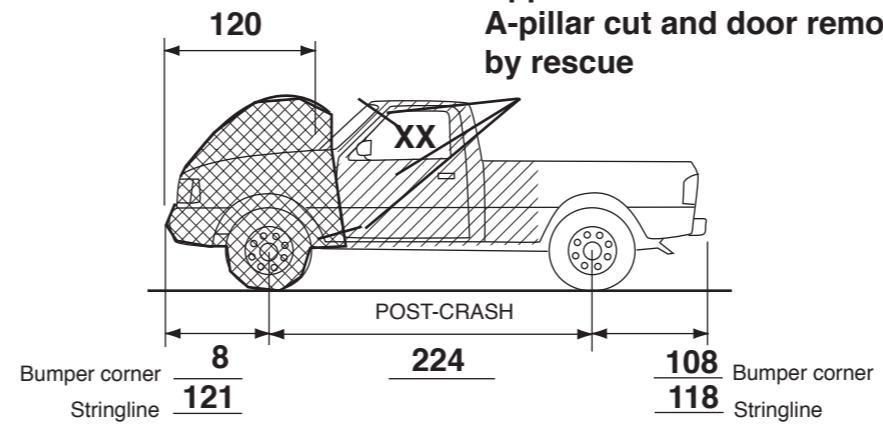
MEASUREMENTS IN CENTIMETERS



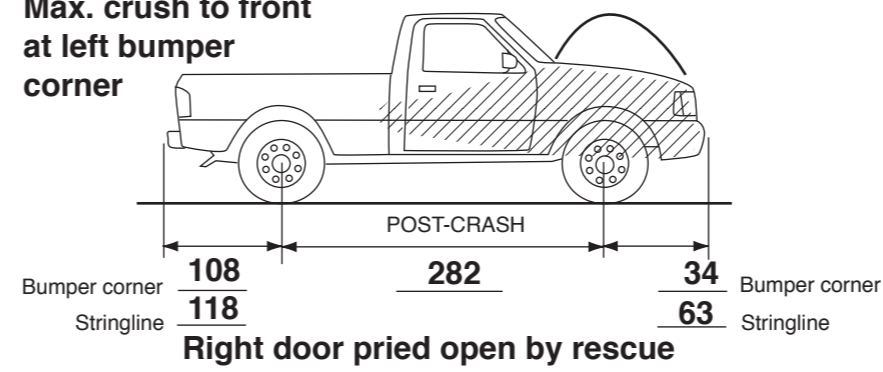
Windshield cut on both sides and along the header by rescue



Upper and lower sections of A-pillar cut and door removed by rescue

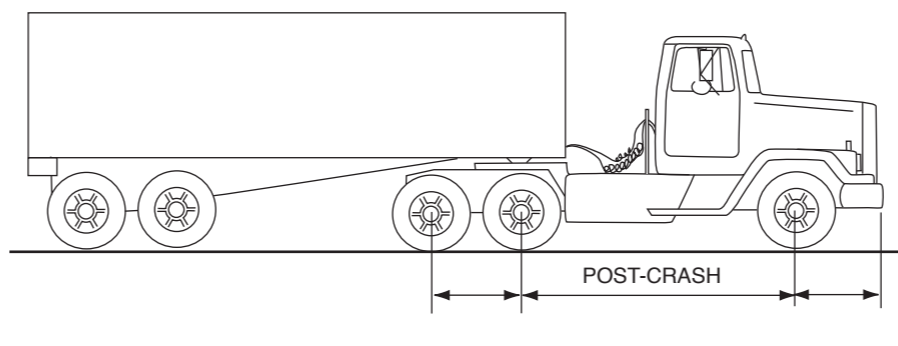
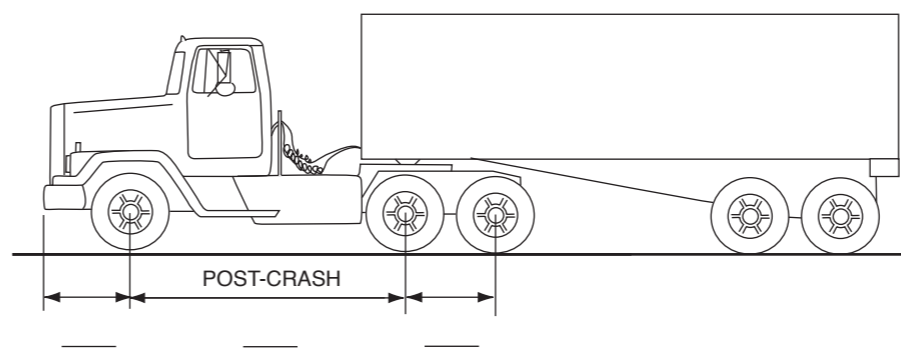
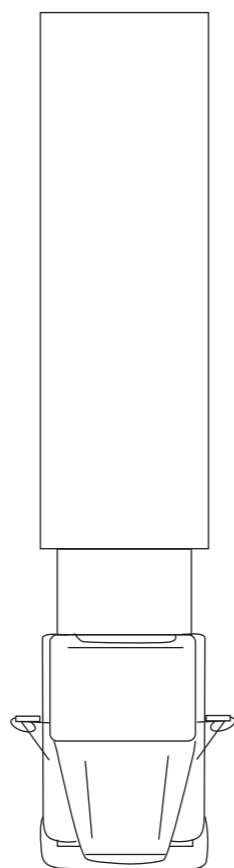
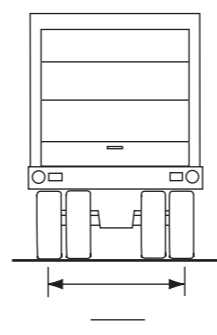
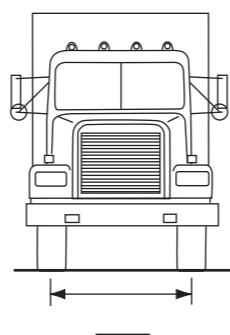


Max. crush to front at left bumper corner

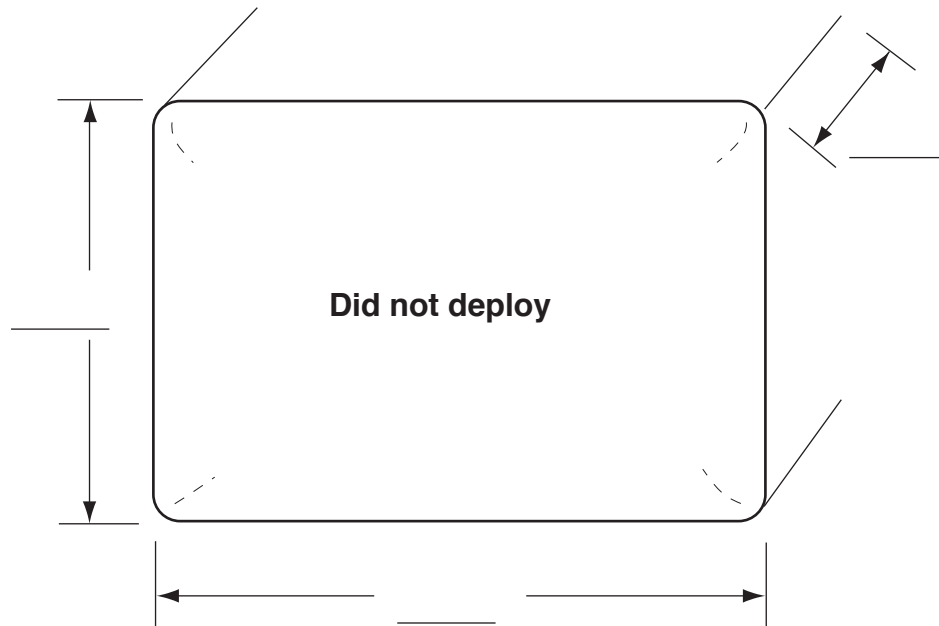


MEASUREMENTS IN CENTIMETERS

**This vehicle was unavailable for inspection.**



**Passenger Airbag**

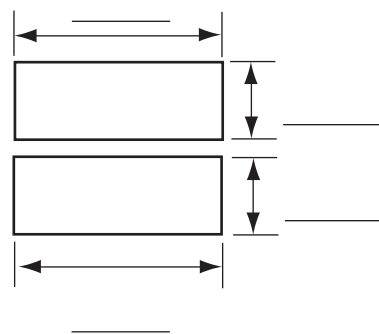


Vents: Y N  
if yes, how many: \_\_\_\_\_

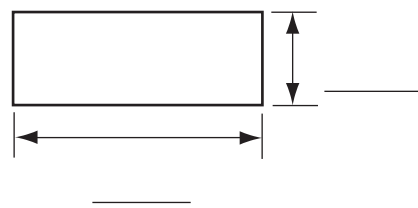
Tethers: Y N  
if yes, how many: \_\_\_\_\_

**Passenger Airbag Doors**

H-Pattern



Single Door





































BRAKE RELEASE

5



▲WARNING

**▲ WARNING**



**DEATH or SERIOUS INJURY can occur.**

- Children 12 and under can be killed by the air bag.
- NEVER put a rear-facing child seat in the front unless air bag is off.
- Sit as far back as possible from the air bag.
- ALWAYS use SEAT BELTS and CHILD RESTRAINTS.



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15002995















CHEVROLET  
AIR

CRUISE  
CONTROL  
ON/OFF

1  
2  
3  
4  
5  
6  
7  
8  
9  
0  
+  
-

















Jeep





LF

MASTIFF

SLEIN'S SYSTEM

MASTIFF











































## CAUTION

To help avoid personal injury, belt assembly must be replaced if this vehicle is in a collision or if "Replace Belt" appears below. See Owner's Manual for more information.

Replace  
Belt

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Remplacer  
La Ceinture

15803433

