



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

400 Seventh Street, S.W.
Washington, D.C. 20590

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

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AUTO SAFETY HOTLINE
(800) 424-9393
Wash. D.C. Area 366-0123



CASE SUMMARY

PSU 45 CASE NO. 276B TYPE OF ACCIDENT CAR / CAR HEAD-ON

A. DESCRIPTION OF THE ACCIDENT SEQUENCE AND ACCIDENT PECULIARITIES

(Provide a summary of the accident sequence as well as any particular event of the accident that is noteworthy. Injury mechanism and vehicle crashworthiness is the focus, not driver culpability. Do not include any personal identifiers.)

SEE
ATTACHED

B. VEHICLE PROFILE(S)

Vehicle No.	Class of Vehicle	Year/Make/Model	Most Severe Damage Based on Vehicle Inspection		Component Failure
			Damage Plane	Severity Description	

DO NOT SANITIZE THIS FORM

C. PERSON PROFILE(S)

Vehicle No.	Person Role	Seat Position	Restraint Use	Most Severe Injury (TO BE COMPLETED BY ZONE CENTER)			
				Body Region	Injury Type	AIS	Injury Source

Body Region

Abdomen
 Ankle—foot
 Arm (upper)
 Back-thoracolumbar spine
 Brain
 Chest
 Ears
 Eye
 Elbow
 Face
 Forearm
 Head—skull
 Heart
 Kidneys
 Knee
 Leg (lower)
 Liver
 Lower limbs(s) (whole or unknown part)
 Mouth
 Neck—cervical spine
 Nose

Pelvic—hip
 Pulmonary—lungs
 Shoulder
 Spleen
 Thigh
 Thyroid, other endocrine gland
 Upper limb(s) (whole or unknown part)
 Vertebrae
 Whole body
 Wrist—hand

Injury Type

Abrasion
 Amputation
 Avulsion
 Burn
 Concussion
 Contusion
 Crush
 Detachment, separation
 Dislocation

Fracture
 Fracture and dislocation
 Laceration
 Other
 Perforation, puncture
 Rupture
 Sprain
 Strain
 Total severance, transection
 Unknown

Abbreviated Injury Scale

- (1) Minor injury
- (2) Moderate injury
- (3) Serious injury
- (4) Severe injury
- (5) Critical injury
- (6) Maximum (untreatable)
- (7) Injured, unknown severity

DO NOT SANITIZE THIS FORM

PSU45

1995 Case Summary Form

CASE 276B

TYPE OF ACCIDENT: CAR/CAR HEAD-ON

A. DESCRIPTION OF THE ACCIDENT SEQUENCE AND ACCIDENT PECULIARITIES

Vehicle #1 was traveling west on a two lane roadway with wide shoulders. It was dry and dark with street lights. Vehicle #1 had just negotiated a slight curve to the right and crossed over the center stripe and into the eastbound lane. Vehicle #2 was traveling east on the same roadway. Vehicle #2 braked and turned toward the right shoulder before impact. Vehicle #1's front left corner struck the left front corner of Vehicle #2. Vehicle #1 then spun counterclockwise, and then rolled over toward the right side and onto it's top where it came to rest on the westbound shoulder facing southeast. Vehicle #2 came to rest very close to the point of impact in the eastbound lane facing northeast. The driver in Vehicle #1 was a fatality.

01

PSU45

1995 Case Summary Form

CASE 276B

TYPE OF ACCIDENT: CAR/CAR HEAD-ON

B. VEHICLE PROFILE(S)

V e h. No	Class of Vehicle	Year/Make/ Model	Damage Plane	Severity Descr.	Component Failure
1	Subcompact	1979 Toyota Corolla 2-Dr H. B. SR5	Front	Severe	Holed back- light
2	Compact	1995 Honda Civic 2-Dr Coupe EX	Front	Moderate	None

01

PSU45

1995 Case Summary Form

CASE 276B

TYPE OF ACCIDENT: CAR/CAR HEAD-ON

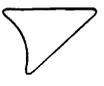
C. PERSON PROFILE(S)

V e h. No	Person Role	Seat Position	Restraint Use	Body Region	Injury Type	A I S	Injury Source
1	Driver	Fr Left	None	<i>head</i>	<i>unknown</i>	7	<i>roof</i>
1	Pass.	Fr Right	None	<i>face</i>	<i>laceration</i>	1	<i>windshield/D/S reader</i>
2	Driver	Fr Left	Shou/Lap Belt with Deployed Airbag	<i>no injuries</i>			

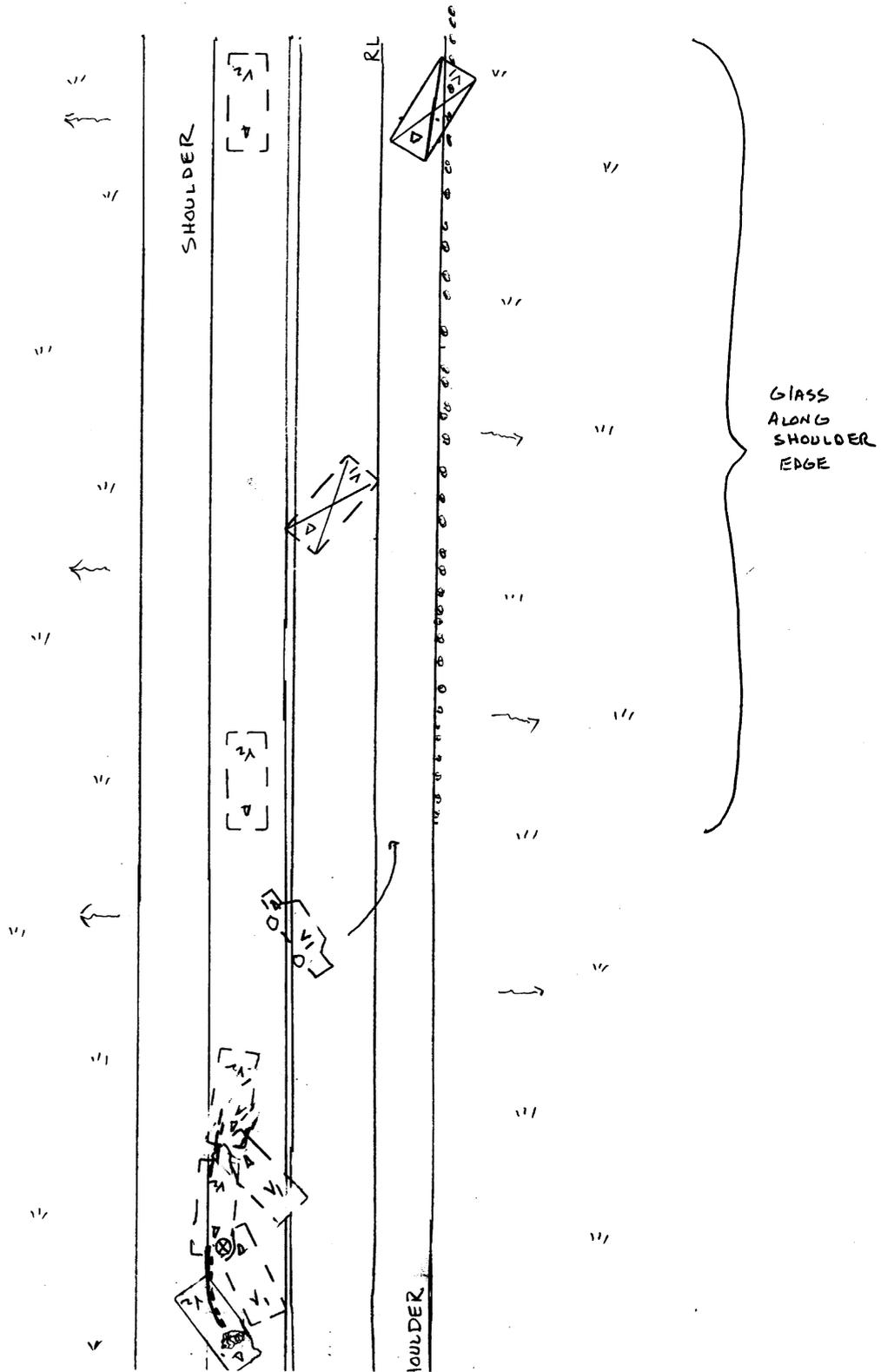
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PSU: 45

CASE - STRATUM NUMBER: 276 B

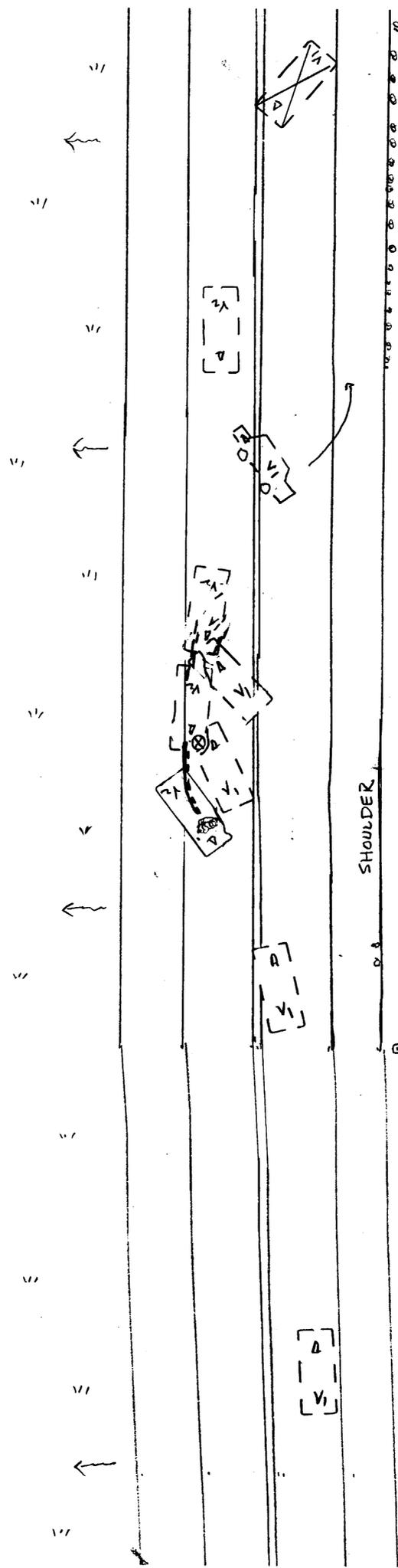
N 

1 of 3



SHOULDER
EDGE

2 of 3



SHOULDER

← PARTS FROM V2

RP

STREET LIGHT POLE
SPP

← PARTS FROM V2

STREET LIGHT POLE
SPP

SHO1

RP

SHOULDER

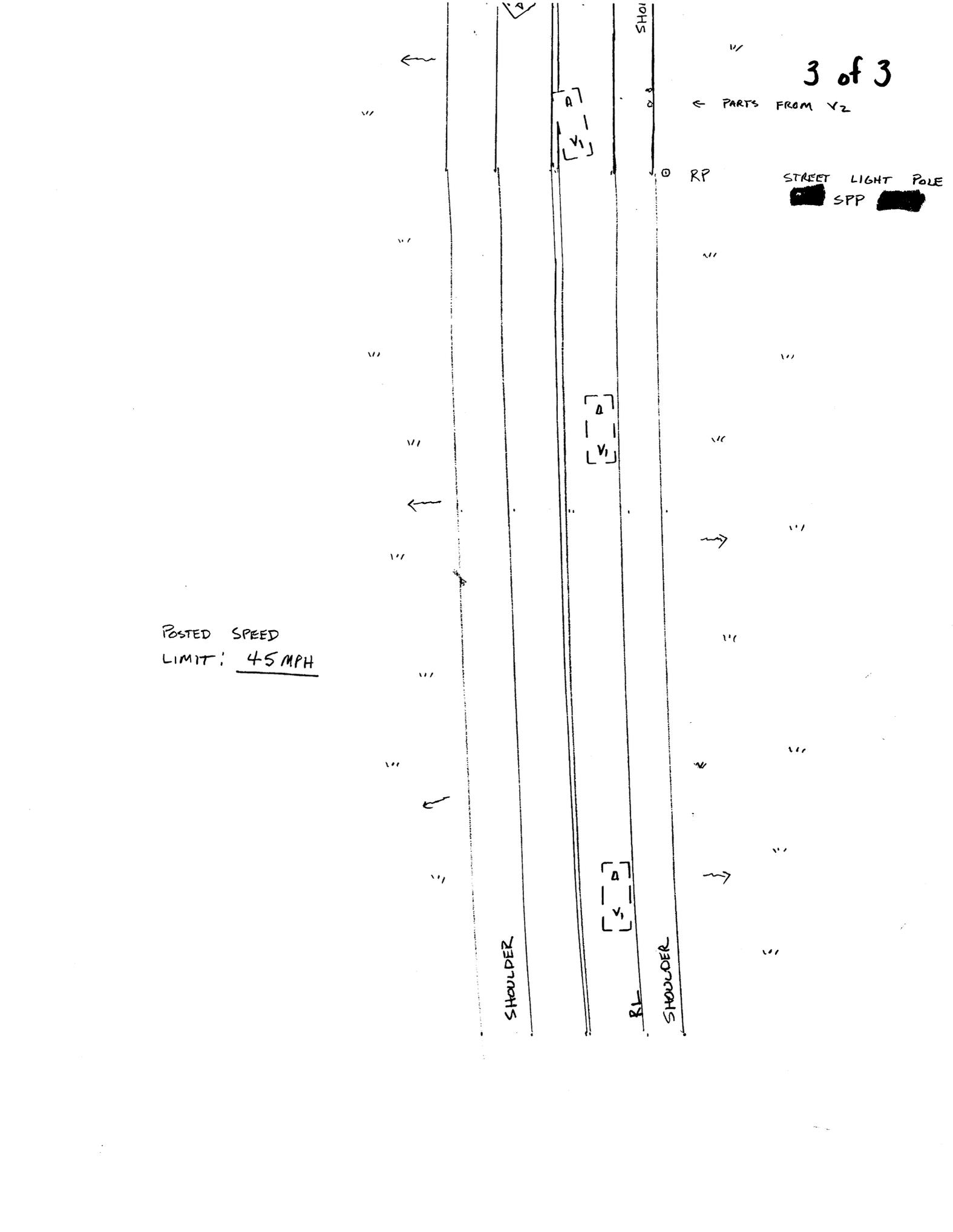
SHOULDER

[S] [D]

[D]
[V1]

[A]
[V1]

POSTED SPEED
LIMIT: 45 MPH





U.S. Department of Transportation
 National Highway Traffic Safety
 Administration

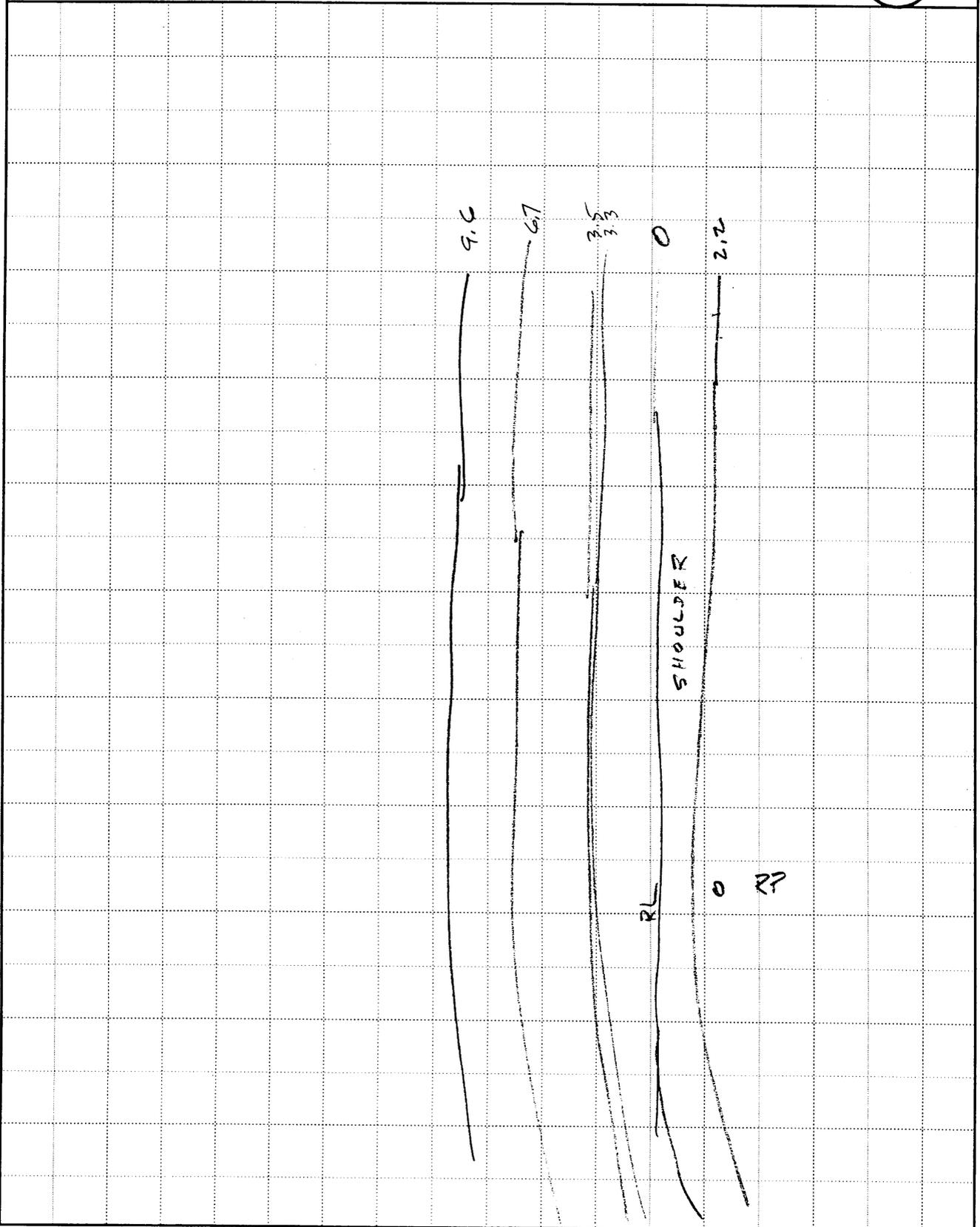
ACCIDENT COLLISION DIAGRAM

NATIONAL ACCIDENT SAMPLING SYSTEM
 CRASHWORTHINESS DATA SYSTEM

PSU No. 45

Case Number—Stratum 276 B

Indicate
 North





ACCIDENT COLLISION MEASUREMENT TABLE

Primary Sampling Unit Number 45 Case Number—Stratum 276 B

ACCIDENT COLLISION DIAGRAM

Document the physical plant:

- * all road/roadway delineation (e.g., curbs/edge lines, lane markings, median markings, pavement markings, parked vehicles, poles, signs, etc.)
- * all traffic controls (e.g., speed limit)
- * north arrow placed on diagram
- * roadway surface type and condition of applicable roadways
- * grade measurements for all applicable roadways and at location of rollover initiation
- * roadway curvature

Document vehicle dynamics including:

- * reference point and reference line relative to physical features present at the scene
- * scaled documentation of all accident induced physical evidence
- * scaled documentation of all roadside objects contacted
- * scaled representations of the vehicle(s) at pre-impact, impact, and final rest based upon either:
 - a) physical evidence, or
 - b) reconstructed accident dynamics

CRASH DATA

	VEH. #1	VEH. #2	VEH. #3
Heading Angle	<u>255°</u>	<u>120°</u>	
Surface Type	<u>ASPHALT</u>		
Surface Condition	<u>DRY</u>		
Coefficient of Friction	<u>.70</u>		
Grade (v/h) Measurement (between impact and final rest)	<u>NA</u>	<u>0°</u>	
Grade (v/h) Measurement (at location of rollover initiation)	<u>-10</u>	<u>NA</u>	

Reference Point: STREET LIGHT POLE Reference line: NORTH (PAINTED)
SPP LANE LINE

Item	Distance and Direction from Reference Point	Distance and Direction from Reference Line
Ref. Point	0	3.1 N
Honda Parts	3.8 W	2.2 S
RF FR - V ₂	9.7 "	5.9 "
OIL - V ₂	10.0 - 10.6 "	5.2 - 5.9 "
SKID MARK - V ₂	10.6 - 14.2 "	5.7 - 6.7 "
P.O.I.	14.2 "	6.3 "
SKID MARK - V ₂	17.4 - 19.4 "	6.7 - 6.2 "
SKID MARK (SIDE SCUFF) - V ₁	18.3 - 19.0 "	5.3 - 4.8 "
FR RF - V ₁ (ON TOP)	58.4 "	2.2 N
FR LF - V ₁ (ON TOP)	59.2 "	.7 "
GLAZING PIECES ON SHOULDER	31.2 - 63.6 "	2.2 - 2.4 "



ACCIDENT COLLISION MEASUREMENT TABLE

Primary Sampling Unit Number 05

Case Number - Stratum 276 B

ACCIDENT COLLISION DIAGRAM

Document the physical plant:

- * all road/roadway delineation (e.g., curbs/edge lines, lane markings, median markings, pavement markings, parked vehicles, poles, signs, etc.)
- * all traffic controls (e.g., speed limit)
- * north arrow placed on diagram
- * roadway surface type and condition of applicable roadways
- * grade measurements for all applicable roadways and at location of rollover initiation
- * roadway curvature

Document vehicle dynamics including:

- * reference point and reference line relative to physical features present at the scene
- * scaled documentation of all accident induced physical evidence
- * scaled documentation of all roadside objects contacted
- * scaled representations of the vehicle(s) at pre-impact, impact, and final rest based upon either:
 - a) physical evidence, or
 - b) reconstructed accident dynamics

CRASH DATA

	VEH. #1	VEH. #2	VEH. #3
Heading Angle	_____	_____	_____
Surface Type	_____	_____	_____
Surface Condition	_____	_____	_____
Coefficient of Friction	_____	_____	_____
Grade (v/h) Measurement (between impact and final rest)	<u>NA</u>	<u>0°</u>	_____
Grade (v/h) Measurement (at location of rollover initiation)	<u>-10</u>	<u>NA</u>	_____

Reference Point: street light pole
SPP

Reference line: North painted lane
line

Item	Distance and Direction from Reference Point	Distance and Direction from Reference Line
<u>Ref. Point</u>	<u>0</u>	<u>3.1 N</u>
<u>Honda Parts</u>	<u>3.8 W</u>	<u>2.2 "</u>
<u>RF FR V₂</u>	<u>9.7 "</u>	<u>S</u>
<u>Oil V₂</u>	<u>10.0 - 10.6</u>	
<u>Skid mark V₂</u>	<u>10.6 - 14.2</u>	<u>1/2 on 0</u>
<u>P.O.I.</u>	<u>14.2</u>	
<u>Skid mark V₂</u>	<u>17.4 - 19.4</u>	
<u>Skid mark V₂</u>	<u>18.3 - 19.0</u>	
<u>FR RF V₁</u>	<u>58.4</u>	<u>2.2 N</u>
<u>FR LF V₁</u>	<u>59.2</u>	<u>.7 "</u>
<u>Glass on Shoulder</u>	<u>31.2 - 63.6</u>	<u>2.2 - 2.4 "</u>

FROM
6.7
.8
1.5.8
12.0
.4
0.5
1.4-19
Skid
2.2



ACCIDENT FORM

1. Primary Sampling Unit Number 45

2. Case Number - Stratum 276B

IDENTIFICATION

3. Number of General Vehicle Forms Submitted 02

4. Date of Accident (Month, Day, Year) [REDACTED] 9 5

5. Time of Accident 2157

Code reported military time of accident.

NOTE: Midnight = 2400
Unknown = 9999

SPECIAL STUDIES - INDICATORS

Check (✓) each special study (SS15-SS18 below) that has been completed; code 1 for the checked special studies and 0 for the special studies not checked.

6. SS15 Administrative Use 0

7. SS16 Pedestrian Crash Data Study 0
(Data for this special study available in a separate file.)

8. SS17 Impact Fires 0

9. SS18 Unsafe Driver Actions 0

10. SS19 0

NUMBER OF EVENTS

11. Number of Recorded Events in This Accident 02

Code the number of events which occurred in this accident.

ACCIDENT EVENTS

For each event that occurred in the accident, code the lowest numbered vehicle in the left columns and the other involved vehicle or object in the right columns.

Accident Event Sequence Number	Vehicle Number	Class Of Vehicle	General Area of Damage	Vehicle Number or Object Contacted	Class Of Vehicle	General Area of Damage
12. <u>0 1</u>	13. <u>01</u>	14. <u>01</u>	15. <u>F</u>	16. <u>02</u>	17. <u>02</u>	18. <u>F</u>
19. <u>0 2</u>	20. <u>01</u>	21. <u>01</u>	22. <u>T</u>	23. <u>31</u>	24. <u>00</u>	25. <u>N</u>
26. <u>0 3</u>	27. _____	28. _____	29. _____	30. _____	31. _____	32. _____
33. <u>0 4</u>	34. _____	35. _____	36. _____	37. _____	38. _____	39. _____
40. <u>0 5</u>	41. _____	42. _____	43. _____	44. _____	45. _____	46. _____

IF GREATER THAN FIVE EVENTS, CONTINUE CODING ON THE ACCIDENT EVENT SUPPLEMENT

CODES FOR CLASS OF VEHICLE

- | | |
|--|---|
| (00) Not a motor vehicle
(01) Subcompact/mini (wheelbase < 254 cm)
(02) Compact (wheelbase ≥ 254 but < 265 cm)
(03) Intermediate (wheelbase ≥ 265 but < 278 cm)
(04) Full size (wheelbase ≥ 278 but < 291 cm)
(05) Largest (wheelbase ≥ 291 cm)
(09) Unknown passenger car size
(14) Compact utility vehicle
(15) Large utility vehicle (≤ 4,500 kgs GVWR)
(16) Utility station wagon (≤ 4,500 kgs GVWR)
(19) Unknown utility type
(20) Minivan (≤ 4,500 kgs GVWR)
(21) Large van (≤ 4,500 kgs GVWR)
(24) Van Based school bus (≤ 4,500 kgs GVWR)
(28) Other van type (≤ 4,500 kgs GVWR)
(29) Unknown van type (≤ 4,500 kgs GVWR)
(30) Compact pickup truck (≤ 4,500 kgs GVWR) | (31) Large pickup truck (≤ 4,500 kgs GVWR)
(38) Other pickup truck (≤ 4,500 kgs GVWR)
(39) Unknown pickup truck type (≤ 4,500 kgs GVWR)
(45) Other light truck (≤ 4,500 kgs GVWR)
(48) Unknown light truck type (≤ 4,500 kgs GVWR)
(49) Unknown light vehicle type
(50) School bus (excludes van based)(> 4,500 kgs GVWR)
(58) Other bus (> 4,500 kgs GVWR)
(59) Unknown bus type
(60) Truck (> 4,500 kgs GVWR)
(67) Tractor without trailer
(68) Tractor-trailer(s)
(78) Unknown medium/heavy truck type
(79) Unknown light/medium/heavy truck type
(80) Motored cycle
(90) Other vehicle
(99) Unknown |
|--|---|

CODES FOR GENERAL AREA OF DAMAGE (GAD)

- | | | | |
|---|--|---|---|
| CDS APPLICABLE
AND OTHER
VEHICLES | (O) Not a motor vehicle
(N) Noncollision
(F) Front | (R) Right side
(L) Left side
(B) Back | (T) Top
(U) Undercarriage
(9) Unknown |
|---|--|---|---|

- | | | | |
|-------------------------------|--|--|---|
| TDC
APPLICABLE
VEHICLES | (O) Not a motor vehicle
(N) Noncollision
(F) Front
(R) Right side | (L) Left side
(B) Back of unit with cargo area
(rear of trailer or straight truck)
(D) Back (rear of tractor) | (C) Rear of cab
(V) Front of cargo area
(T) Top
(U) Undercarriage
(9) Unknown |
|-------------------------------|--|--|---|

CODES FOR VEHICLE NUMBER OR OBJECT CONTACTED

- | | |
|---|--|
| (01-30) – Vehicle Number

Noncollision
(31) Overturn – rollover (excludes end-over-end)
(32) Rollover – end-over-end
(33) Fire or explosion
(34) Jackknife
(35) Other intraunit damage (specify):

(36) Noncollision injury
(38) Other noncollision (specify):

(39) Noncollision – details unknown

Collision With Fixed Object
(41) Tree (≤ 10 cm in diameter)
(42) Tree (> 10 cm in diameter)
(43) Shrubbery or bush
(44) Embankment
(45) Breakaway pole or post (any diameter)

Nonbreakaway Pole or Post
(50) Pole or post (≤ 10 cm in diameter)
(51) Pole or post (> 10 cm but ≤ 30 cm in diameter)
(52) Pole or post (> 30 cm in diameter)
(53) Pole or post (diameter unknown)

(54) Concrete traffic barrier
(55) Impact attenuator
(56) Other traffic barrier (includes guardrail)
(specify): _____ | (57) Fence
(58) Wall
(59) Building
(60) Ditch or culvert
(61) Ground
(62) Fire hydrant
(63) Curb
(64) Bridge
(68) Other fixed object (specify):

(69) Unknown fixed object

Collision with Nonfixed Object
(70) Passenger car, light truck, van, or other vehicle
not in-transport
(71) Medium/heavy truck or bus not in-transport
(72) Pedestrian
(73) Cyclist or cycle
(74) Other nonmotorist or conveyance

(75) Vehicle occupant
(76) Animal
(77) Train
(78) Trailer, disconnected in transport
(79) Object fell from vehicle in-transport
(88) Other nonfixed object (specify):

(89) Unknown nonfixed object

(98) Other event (specify):

(99) Unknown event or object |
|---|--|

PRECRASH ENVIRONMENTAL DATA

19. Relation To Interchange Or Junction 0
 (0) Non-interchange area and non-junction
 (1) Interchange area related
Non-Interchange junctions
 (2) Intersection related
 (3) Driveway, alley access related
 (4) Other junction (specify) _____
 (5) Unknown type of junction
 (9) Unknown

20. Trafficway Flow 0
 (0) Not physically divided (two way traffic)
 (1) Divided trafficway-median strip without positive barrier
 (2) Divided trafficway-median strip with positive barrier
 (3) One way traffic
 (9) Unknown

21. Number Of Travel Lanes 2
 (1) One
 (2) Two
 (3) Three
 (4) Four
 (5) Five
 (6) Six
 (7) Seven or more
 (9) Unknown

22. Roadway Alignment 2
 (1) Straight
 (2) Curve right "VERY SLIGHT"
 (3) Curve left
 (9) Unknown

23. Roadway Profile 1
 (1) Level
 (2) Uphill grade (>2%)
 (3) Hill crest
 (4) Downhill grade (>2%)
 (5) Sag
 (9) Unknown

24. Roadway Surface Type 2
 (1) Concrete
 (2) Bituminous (asphalt)
 (3) Brick or block
 (4) Slag, gravel, or stone
 (5) Dirt
 (8) Other (specify): _____
 (9) Unknown

25. Roadway Surface Condition 1
 (1) Dry
 (2) Wet
 (3) Snow or slush
 (4) Ice
 (5) Sand, dirt, or oil
 (8) Other (specify): _____
 (9) Unknown

26. Light Conditions 3
 (1) Daylight
 (2) Dark
 (3) Dark, but lighted
 (4) Dawn
 (5) Dusk
 (9) Unknown

27. Atmospheric Conditions 0
 (0) No adverse atmospheric-related driving conditions
 (1) Rain
 (2) Sleet/hail
 (3) Snow
 (4) Fog
 (5) Rain and fog
 (6) Sleet and fog
 (7) Other (e.g., smog, smoke, blowing sand or dust, etc.) (specify): _____
 (9) Unknown

28. Traffic Control Device 0
 (0) No traffic control(s)
 (1) Traffic control signal (not RR crossing)
Regulatory
 (2) Stop sign
 (3) Yield sign
 (4) School zone sign
 (5) Other regulatory sign (specify): _____
 (6) Warning sign (not RR crossing)
 (7) Unknown sign
 (8) Miscellaneous/other controls including RR controls (specify): _____
 (9) Unknown

29. Traffic Control Device Functioning 0
 (0) No traffic control device
 (1) Traffic control device not functioning (specify): _____
 (2) Traffic control device functioning properly
 (9) Unknown

OCCUPANT RELATED

- 37. Driver Presence in Vehicle 1
 (0) Driver not present
 (1) Driver present
 (9) Unknown
- 38. Number of Occupants This Vehicle 02
 (00-96) Code actual number of occupants for this vehicle
 (97) 97 or more
 (99) Unknown
- 39. Number of Occupant Forms Submitted 02

AIR BAG RELATED

- 40. Is this an AOPS Vehicle? 0
 (0) No (includes unknown)
 (1) Yes - researcher determined
 (2) VIN determined air bag system
 (3) VIN determined automatic (passive) belts
 (4) VIN determined air bag and automatic (passive) belts
- 41. Air Bag(s) Deployment, First Seat Frontal 0
 (0) Not equipped or not available
 (1) No air bags deployed
Single Air Bag Vehicle
 (2) Driver air bag deployed
 (3) Driver air bag, unknown if deployed
Multiple Air Bag Vehicle
 (4) Driver side only deployed
 (5) Passenger side only deployed
 (6) Driver and passenger side deployed
 (7) Driver and passenger side unknown if deployed
 (8) Air bag(s) deployed, details unknown
 (9) Unknown
- 42. Air Bag(s) Deployment, Other Than First Seat Frontal 0
 (0) Not equipped with an "other" air bag
 (1) Deployed during accident (as a result of impact)
 (2) Deployed inadvertently just prior to accident
 (3) Deployed, details unknown
 (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical)
 (5) Unknown if deployed
 (7) Nondeployed
 (9) Unknown
 Specify type of "other" air bag present: _____

VEHICLE WEIGHT ITEMS

- 43. Vehicle Curb Weight 1,020
 Code weight to nearest 10 kilograms.
 (045) Less than 450 kilograms
 (610) 6,100 kilograms or more
 (999) Unknown
2255 lbs X .4536 = 1023 kgs
 Source: _____

- 44. Vehicle Cargo Weight 0,020
 Code weight to nearest 10 kilograms.
 (000) Less than 5 kilograms
 (450) 4,500 kilograms or more
 (999) Unknown
50 lbs X .4536 = 23 kgs
 Source: INSPECTION

ROLLOVER DATA

- 45. Rollover 02
 (00) No rollover (no overturning)
Rollover (primarily about the longitudinal axis)
 (01-16) Code the number of quarter turns
 (17) Rollover, 17 or more quarter turns (specify): _____
 (98) Rollover--end-over-end (i.e., primarily about the lateral axis)
 (99) Rollover (overturn), details unknown
- 46. Rollover Initiation Type 07
 (00) No rollover
 (01) Trip-over
 (02) Flip-over
 (03) Turn-over
 (04) Climb-over
 (05) Fall-over
 (06) Bounce-over
 (07) Collision with another vehicle
 (08) Other rollover initiation type specify): _____
 (98) Rollover--end-over-end
 (99) Unknown rollover initiation type
- 47. Location of Rollover Initiation 1
 (0) No rollover
 (1) On roadway
 (2) On shoulder—paved
 (3) On shoulder—unpaved
 (4) On roadside or divided trafficway median
 (8) Rollover--end-over-end
 (9) Unknown
- 48. Rollover Initiation Object Contacted 02
 (Note: Applicable codes on back of page)
- 49. Location on Vehicle Where Initial Principal Tripping Force Is Applied 3
 (0) No rollover
 (1) Wheels/tires
 (2) Side plane
 (3) End plane
 (4) Undercarriage
 (5) Other location on vehicle (specify): _____
 (6) Non-contact rollover forces (specify): _____
 (8) Rollover--end-over-end
 (9) Unknown
- 50. Direction of Initial Roll 1
 (0) No rollover
 (1) Roll right - primarily about the longitudinal axis
 (2) Roll left - primarily about the longitudinal axis
 (8) Rollover--end-over-end
 (9) Unknown roll direction

CODES FOR ROLLOVER INITIATION OBJECT CONTACTED

- (00) No rollover
- (01-30) — Vehicle Number

Noncollision

- (31) Turn-over — fall-over
- (32) No rollover impact initiation (end-over-end)
- (34) Jackknife

Collision With Fixed Object

- (41) Tree (≤ 10 cm in diameter)
- (42) Tree (> 10 cm in diameter)
- (43) Shrubbery or bush
- (44) Embankment

- (45) Breakaway pole or post (any diameter)

Nonbreakaway Pole or Post

- (50) Pole or post (≤ 10 cm in diameter)
- (51) Pole or post (> 10 cm but ≤ 30 cm in diameter)
- (52) Pole or post (> 30 cm in diameter)
- (53) Pole or post (diameter unknown)

- (54) Concrete traffic barrier
- (55) Impact attenuator
- (56) Other traffic barrier (includes guardrail)
(specify): _____

- (57) Fence
- (58) Wall
- (59) Building
- (60) Ditch or culvert
- (61) Ground
- (62) Fire hydrant
- (63) Curb
- (64) Bridge
- (68) Other fixed object (specify): _____

- (69) Unknown fixed object _____

Collision with Nonfixed Object

- (70) Passenger car, light truck, van, or other vehicle not in-transport
- (71) Medium/heavy truck or bus not in-transport
- (76) Animal
- (77) Train
- (78) Trailer, disconnected in transport
- (79) Object fell from vehicle in-transport
- (88) Other nonfixed object (specify): _____

- (89) Unknown nonfixed object _____

- (98) Other event (specify): _____

- (99) Unknown event or object _____



EXTERIOR VEHICLE FORM

1. Primary Sampling Unit Number <u>45</u>	3. Vehicle Number <u>01</u>
2. Case Number - Stratum <u>276B</u>	

VEHICLE IDENTIFICATION

VIN TE51376948 - - - - - Model Year 79

Vehicle Make (specify): TOYOTA Vehicle Model (specify): COROLLA SR5
LIFT BACK

LOCATOR

Locate the end of the damage with respect to the vehicle longitudinal center line or bumper corner for end impacts or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L	Location of Max Crush
01	42 L of center left	LF BC TO RF BC	C1
02	Roll over	—	—

CRUSH PROFILE IN CENTIMETERS

NOTES: Identify the plane at which the C-measurements are taken (e.g., at bumper, above bumper, at sill, above sill, etc.) and label adjustments (e.g., free space).

Measure C1 to C6 from driver to passenger side in front or rear impacts and rear to front in side impacts.

Free space value is defined as the distance between the baseline and the original body contour taken at the individual C locations. This may include the following: bumper lead, bumper taper, side protrusion, side taper, etc. Record the value for each C-measurement and maximum crush.

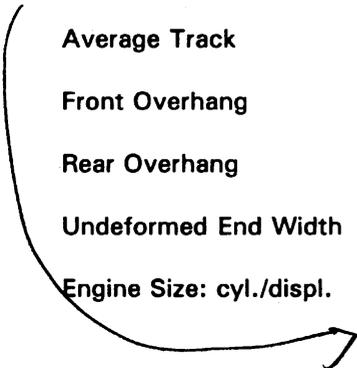
Use as many lines/columns as necessary to describe each damage profile.

Specific Impact Number	Plane of Impact C-Measurements	Direct Damage		Field L	C ₁	C ₂	C ₃	C ₄	C ₅	C ₆	±D
		Width (CDC)	Max Crush								
01	Bumper	34	48	125	48	12	03	0	0	0	-59
—	free space	—	-4	—	-4	-2	0	0	-2	-4	—
01	Resultant	34	44	125	44	10	03	00	00	00	-59
01	Rad. Bracket	34	107	125	107	22	13	00	00	00	-59
—	free space	—	-14	—	-14	-12	-10	-10	-12	-14	—
01	Resultant	34	93	125	93	10	03	00	00	00	-59
01	Average	34	69	125	69	10	03	00	00	00	-59
02	Roll over	—	—	—	—	—	—	—	—	—	—

ORIGINAL SPECIFICATIONS WORK SHEET

Wheelbase	<u> 94 </u>	inches	x 2.54	=	<u> 239 </u> cm
Overall Length	<u> 163.5 </u>	inches	x 2.54	=	<u> 415 </u> cm
Maximum Width	<u> 60.5 </u>	inches	x 2.54	=	<u> 154 </u> cm
Curb Weight	<u> 2,255 </u>	pounds	x .4536	=	<u> 1,023 </u> kg
Average Track	_____	inches	x 2.54	=	_____ cm
Front Overhang	<u> 30 </u>	inches	x 2.54	=	<u> 76 </u> cm
Rear Overhang	<u> 40 </u>	inches	x 2.54	=	<u> 102 </u> cm
Undeformed End Width	_____	inches	x 2.54	=	_____ cm
Engine Size: cyl./displ.	_____	cc	x .001	=	_____ L
	_____	CID	x .0164	=	<u> 1.6 </u> L

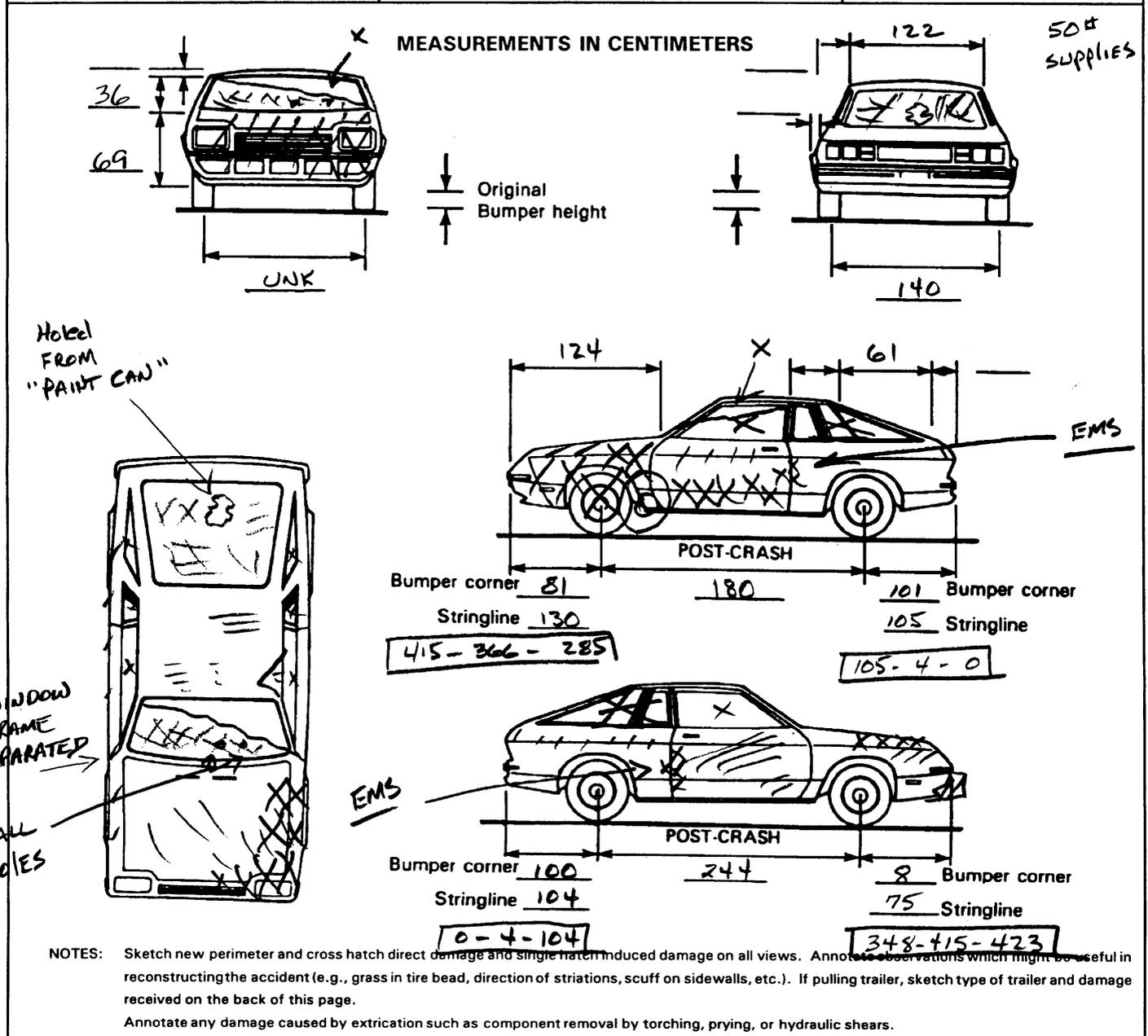
2nd



SIZE: 1
 STIFF:

VEHICLE DAMAGE SKETCH

<p>TIRE—WHEEL DAMAGE</p> <p>a. Rotation physically restricted b. Tire deflated</p> <p>RF <u>2</u> RF <u>2</u> LF <u>1</u> LF <u>1</u> RR <u>2</u> RR <u>2</u> LR <u>2</u> LR <u>2</u></p> <p>(1) Yes (2) No (8) NA (9) Unk.</p>	<p>ORIGINAL SPECIFICATIONS</p> <p>Wheelbase <u>239</u> cm Overall Length <u>415</u> cm Maximum Width <u>154</u> cm Curb Weight <u>1023</u> kg Average Track <u>140</u> cm Front Overhang <u>76</u> cm Rear Overhang <u>102</u> cm Undeformed End Width <u>152</u> cm Engine Size: cyl./displ. <u>4cyl 1.6</u> L</p>	<p>WHEEL STEER ANGLES (For locked front wheels or displaced rear axles only)</p> <p>RF \ominus <u>05</u> ° LF \ominus <u>45</u> ° RR \pm <u>00</u> ° LR \pm <u>00</u> ° Within \pm 5 degrees</p> <p>DRIVE WHEELS</p> <p><input checked="" type="checkbox"/> FWD <input type="checkbox"/> RWD <input type="checkbox"/> 4WD</p> <p>Approximate Cargo Weight <u>23</u> kg</p>
<p>TYPE OF TRANSMISSION</p> <p><input checked="" type="checkbox"/> Manual <input type="checkbox"/> Automatic</p> <p><u>5SP</u> END SHIFT \geq 10 CM</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		



NOTES: Sketch new perimeter and cross hatch direct damage and single hatch induced damage on all views. Annotate observations which might be useful in reconstructing the accident (e.g., grass in tire bead, direction of striations, scuff on sidewalls, etc.). If pulling trailer, sketch type of trailer and damage received on the back of this page.

Annotate any damage caused by extrication such as component removal by torching, prying, or hydraulic shears.

COLLISION DEFORMATION CLASSIFICATION

HIGHEST DELTA "V"

Accident Event Sequence Number	Object Contacted	(1) (2) Direction of Force	(3) Deformation Location	(4) Longitudinal or Lateral Location	(5) Vertical or Lateral Location	(6) Type of Damage Distribution	(7) Deformation Extent
4. <u>01</u>	5. <u>02</u>	6. ¹² <u>OT</u>	7. <u>F</u>	8. <u>L</u>	9. <u>E</u>	10. <u>E</u>	11. <u>07</u>

Second Highest Delta "V"

12. <u>02</u>	13. <u>31</u>	14. <u>00</u>	15. <u>T</u>	16. <u>D</u>	17. <u>D</u>	18. <u>0</u>	19. <u>03</u>
---------------	---------------	---------------	--------------	--------------	--------------	--------------	---------------

1st Review: _____
2nd Review: _____

CRUSH PROFILE IN CENTIMETERS

The crush profile for the damage described in the CDC(s) above should be documented in the appropriate space below. (ALL MEASUREMENTS ARE IN CENTIMETERS.)

HIGHEST DELTA "V"

20. L	21. C ₁	C ₂	C ₃	C ₄	C ₅	C ₆	22. ±D
<u>152</u>	<u>069</u>	<u>010</u>	<u>003</u>	<u>000</u>	<u>000</u>	<u>000</u>	⁺ <u>0059</u>

Second Highest Delta "V"

23. L	24. C ₁	C ₂	C ₃	C ₄	C ₅	C ₆	25. ±D
---	---	---	---	---	---	---	+
---	---	---	---	---	---	---	-

26. Undeformed End Width
(Coded when highest severity impact is an end plane impact.)
Code to the nearest centimeter
(250) 250 centimeters or more
(998) No highest severity end plane impact
(999) Unknown
152

27. Direct Damage Width
(For highest severity impact)
Code to the nearest centimeter
(250) 250 centimeters or more
(999) Unknown
034

28. Original Wheelbase
Code to the nearest centimeter
(650) 650 centimeters or more
(999) Unknown
_____ inches X 2.54 = _____ centimeters
239

29. Original Average Track Width
Code to the nearest centimeter
(185) 185 centimeters or more
(999) Unknown
_____ inches X 2.54 = _____ centimeters
140

FUEL SYSTEM

- 30. Are CDCs Documented but Not Coded on The Automated File? 0
 (0) No
 (1) Yes

- 31. Researcher's Assessment of Vehicle Disposition 1
 (0) Not towed due to vehicle damage
 (1) Towed due to vehicle damage
 (9) Unknown

- 32. Is This A Multi-Stage Manufactured Vehicle And/Or A Certified Altered Vehicle? 0
 (0) No post manufacturer modifications
 (1) Yes - post manufacturer modifications (specify): _____

 (Include photograph of CERTIFICATION PLACARD in case report)
 (9) Unknown if vehicle is modified

- 35. Location of Fuel Tank-1 Filler Cap 2
- 36. Location of Fuel Tank-2 Filler Cap 0
 (0) No fuel tank
 (1) On back plane
 (2) Aft of center of the rear wheels (rear axle) on left side plane
 (3) Aft of center of the rear wheels (rear axle) on right side plane
 (4) Forward of center of the rear wheels (rear axle) on left side plane
 (5) Forward of center of the rear wheels (rear axle) on right side plane
 (6) Over the center of the rear wheels (rear axle) on left side plane
 (7) Over the center of the rear wheels (rear axle) on right side plane
 (8) Other (specify): _____
 (9) Unknown

- 37. Type of Fuel Tank-1 1
- 38. Type of Fuel Tank-2 0
 (0) No fuel tank (electrical vehicle)
 (1) Metallic
 (2) Non-metallic
 (9) Unknown

FIRE OCCURRENCE

- 33. Fire Occurrence 0
 (0) No fire

 Yes, fire occurred
 (1) Minor
 (2) Major
 (9) Unknown

- 34. Origin of Fire 0
 (0) No fire
 (1) Vehicle exterior (front, side, back, top)
 (2) Exhaust system
 (3) Fuel tank (and other fuel retention system parts)
 (4) Engine compartment
 (5) Cargo/trunk compartment
 (6) Instrument panel
 (7) Passenger compartment area
 (8) Other location (specify): _____
 (9) Unknown

- 39. Location of Fuel Tank-1 1
- 40. Location of Fuel Tank-2 0
 (0) No fuel tank
 (1) Aft of center of the rear wheels (rear axle) centered
 (2) Aft of center of the rear wheels (rear axle) left side
 (3) Aft of center of the rear wheels (rear axle) right side
 (4) Forward of center of the rear wheels (rear axle) centered
 (5) Forward of center of the rear wheels (rear axle) left side
 (6) Forward of center of the rear wheels (rear axle) right side
 (7) Over center of the rear wheels (rear axle)
 (8) Other (specify): _____
 (9) Unknown

- 41. Damage to Fuel Tank-1 1
- 42. Damage to Fuel Tank-2 0
 (0) No fuel tank
 (1) No damage to fuel tank
 (2) Deformed, no seam failure
 (3) Deformed, with a seam failure
 (4) Punctured
 (5) Lacerated (ripped)
 (6) Abraded (scraped)
 (7) Filler neck separation from the fuel tank
 (8) Other damage (specify): _____
 (9) Unknown

<p>43. Leakage Location of Fuel System-1 <u>1</u></p> <p>44. Leakage Location of Fuel System-2 <u>0</u></p> <p>(0) No fuel tank (1) No fuel leakage</p> <p><i>Primary Area Of Leakage</i></p> <p>(2) Tank (3) Filler neck (4) Cap (5) Lines/pump/filter (6) Vent/emission recovery (8) Other (specify): _____ (9) Unknown</p> <p>45. Fuel Type-1 <u>01</u></p> <p>46. Fuel Type-2 <u>00</u></p> <p><i>Single Fuel Type</i></p> <p>(00) No fuel tank (01) Gasoline (02) Diesel (03) CNG (Compressed Natural Gas) (04) LPG (Liquid Petroleum Gas) also known as Propane (05) LNG (Liquid Natural Gas) (06) Methanol (M100 or M85) (07) Ethanol (E100 or E85) (08) Other (Hydrogen or others) (specify): _____</p> <p>_____</p> <p><i>Electric Powered or Electric/Solar Powered Vehicles</i></p> <p>(10) Lead Acid Battery (11) Nickel-Iron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify): _____</p> <p>(98) Other Hybrid (specify): _____</p> <p>_____</p> <p>(99) Unknown fuel type</p>	<p>47. Is This Vehicle Equipped With More Than Two Fuel Tanks? <u>0</u></p> <p>(0) No (one or two tanks only)</p> <p><i>Yes - More Than Two Tanks</i></p> <p>(1) Yes -- <u>no damage</u> to any tank or filler cap and <u>no fuel system leakage</u></p> <p>(2) Yes -- <u>no damage</u> to any tank or filler cap but <u>there is fuel system leakage</u> (specify leakage location): _____</p> <p>(3) Yes -- <u>damage</u> to an additional tank or filler cap and <u>there is fuel system leakage</u> (specify the following): Type of tank _____ Tank location _____ Filler cap location _____ Tank damage _____ Location of leakage _____ Type of fuel _____</p> <p>(9) Unknown if more than two tanks</p>
<p>COMMENTS</p> <p>_____</p>	

*** STOP: IF THE CDS APPLICABLE VEHICLE WAS NOT TOWED ***

(GV10=0)

DO NOT COMPLETE THE INTERIOR VEHICLE FORM.



INTERIOR VEHICLE FORM

1. Primary Sampling Unit Number 45
 2. Case Number - Stratum 276B
 3. Vehicle Number 01

INTEGRITY

4. Passenger Compartment Integrity 98
 (00) No integrity loss

Yes, Integrity Was Lost Through

(01) Windshield
 (02) Door (side)
 (03) Door/hatch (back door)
 (04) Roof
 (05) Roof glass
 (06) Side window
 (07) Rear window (backlight)
 (08) Roof and roof glass
 (09) Windshield and door (side)
 (10) Windshield and roof
 (11) Side and rear window (side window and backlight)
 (12) Windshield and side window
 (13) Door and side window
 (98) Other combination of above (specify):
04, 09, 11
 (99) Unknown

WINDSHIELD HOLE #1 5cm x 5cm
#2 2cm x 2cm
#1

Door, Tailgate or Hatch Opening

5. LF 3 6. RF 3 7. LR 0 8. RR 0 9. TG/H 1

(0) No door/gate/hatch
 (1) Door/gate/hatch remained closed and operational
 (2) Door/gate/hatch came open during collision
 (3) Door/gate/hatch jammed shut
 (8) Other (specify):
 (9) Unknown

Damage/Failure Associated with Door, Tailgate or Hatch Opening in Collision. If IV05-IV09 ≠ 2, Then code 0

10. LF 0 11. RF 0 12. LR 0 13. RR 0 14. TG/H 0

(0) No door/gate/hatch or door not opened

Door, Tailgate or Hatch Came Open During Collision

(1) Door operational (no damage)
 (2) Latch/striker failure due to damage
 (3) Hinge failure due to damage
 (4) Door structure failure due to damage
 (5) Door support (i.e., pillar, sill, roof side rail, etc.) failure due to damage
 (6) Latch/striker and hinge failure due to damage
 (8) Other failure (specify):
 (9) Unknown

BACK LIGHT HOLE 28 x 18cm (H) x (W)

GLAZING

Type of Window/Windshield Glazing

15. WS 1 16. LF 2 17. RF 2 18. LR 2 19. RR 2
 20. BL 2 21. Roof 0 22. Other 0

- (0) No glazing
- (1) AS-1 - Laminated
- (2) AS-2 - Tempered
- (3) AS-3 - Tempered-tinted (original)
- (4) AS-2 - Tempered-with after market tint
- (5) AS-3 - Tempered-tinted (with additional after market tint)
- (6) AS-14 - Glass/Plastic
- (7) Glazing removed prior to accident
- (8) Other (specify):
- (9) Unknown

Window Precrash Glazing Status

23. WS 1 24. LF 2 25. RF 2 26. LR 2 27. RR 2
 28. BL 1 29. Roof 0 30. Other 0

- (0) No glazing
- (1) Fixed
- (2) Closed
- (3) Partially opened
- (4) Fully opened
- (7) Glazing removed prior to accident
- (9) Unknown

Glazing Damage from Impact Forces

31. WS 4 32. LF 6 33. RF 6 34. LR 6 35. RR 6
 36. BL 6 37. Roof 0 38. Other 0

- (0) No glazing
- (1) No glazing damage from impact forces
- (2) Glazing in place and cracked from impact forces
- (3) Glazing in place and holed from impact forces "PAINT CAN"
- (4) Glazing out-of-place (cracked or not) and not holed from impact forces
- (5) Glazing out-of-place and holed from impact forces
- (6) Glazing disintegrated from impact forces
- (7) Glazing removed prior to accident
- (9) Unknown if damaged

NASS Coding System
1st Review: 10
2nd Review:

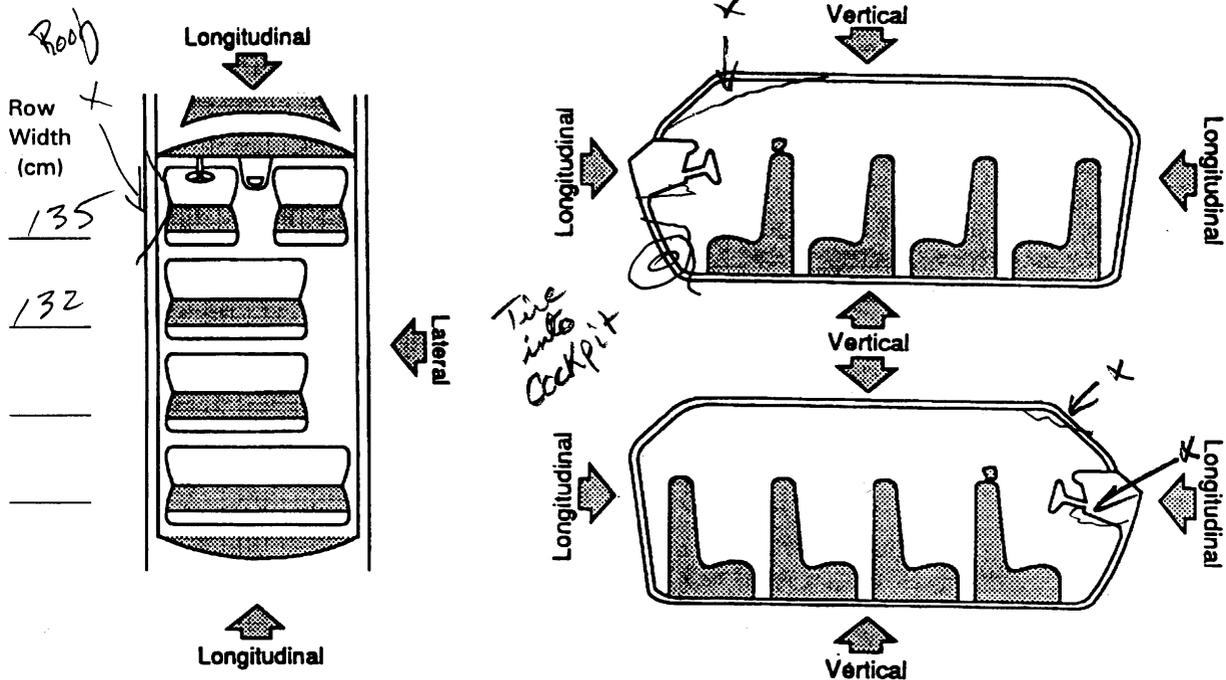
Glazing Damage from Occupant Contact

39. WS 4 40. LF 1 41. RF 1 42. LR 1 43. RR 1
 44. BL 1 45. Roof 0 46. Other 0

- (0) No glazing
- (1) No occupant contact to glazing
- (2) Glazing contacted by occupant but no glazing damage
- (3) Glazing in place and cracked by occupant contact
- (4) Glazing in place and holed by occupant contact
- (5) Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
- (6) Glazing out-of-place by occupant contact and holed by occupant contact
- (7) Glazing removed prior to accident
- (8) Glazing disintegrated by occupant contact
- (9) Unknown if contacted by occupant

INTRUSION WORKSHEET

Note: Sketch intruded areas



LOCATION OF INTRUSION	INTRUDED COMPONENT	(All Measurements Are In Centimeters)			DOMINANT CRUSH DIRECTION	
		COMPARISON VALUE	INTRUDED VALUE	INTRUSION		
11	A Pillar	-	-	= 29	Lat	③
11	W header	-	-	= 7	Long	⑨
11	Roof	36	26	= 10	Vert	⑤
11	Toe	154	110	= 44	Long	② ↘
11	Floor	152	110	= 42	Long	①
11	Inst	88	84	= 04	Long	⑪
12	Inst	88	80	= 08	Long	⑥
12	Roof	36	28	= 08	Vert	⑦
11	Door	-	-	= 12	Lat	④
13	Roof	36	30	= 06	Vert	⑩
12	W header	-	-	= 3	Long	⑫
13	W. header	-	-	= 3	Long	⑬
12	Console	-	-	= 08	Long	⑧
		-	-	=		
		-	-	=		

OCCUPANT AREA INTRUSION

Note: If no intrusions, leave variables IV47-IV86 blank.

	Location of Intrusion	Intruding Component	Magnitude of Intrusion	Dominant Crush Direction
1st	47. <u>11</u>	48. <u>05</u>	49. <u>4</u>	50. <u>1</u>
2nd	51. <u>11</u>	52. <u>18</u>	53. <u>4</u>	54. <u>1</u>
3rd	55. <u>11</u>	56. <u>06</u>	57. <u>3</u>	58. <u>3</u>
4th	59. <u>11</u>	60. <u>11</u>	61. <u>2</u>	62. <u>3</u>
5th	63. <u>11</u>	64. <u>13</u>	65. <u>2</u>	66. <u>1</u>
6th	67. <u>12</u>	68. <u>03</u>	69. <u>2</u>	70. <u>2</u>
7th	71. <u>12</u>	72. <u>13</u>	73. <u>2</u>	74. <u>1</u>
8th	75. <u>12</u>	76. <u>27</u>	77. <u>2</u>	78. <u>2</u>
9th	79. <u>11</u>	80. <u>16</u>	81. <u>1</u>	82. <u>2</u>
10th	83. <u>13</u>	84. <u>13</u>	85. <u>1</u>	86. <u>1</u>

INTRUDING COMPONENT

Interior Components

- (01) Steering assembly
- (02) Instrument panel left
- (03) Instrument panel center
- (04) Instrument panel right
- (05) Toe pan
- (06) A (A1/A2)-pillar
- (07) B-pillar
- (08) C-pillar
- (09) D-pillar
- (10) Side panel - forward of the A1/A2-pillar
- (11) Door panel (side)
- (12) Side panel - rear of the B-pillar
- (13) Roof (or convertible top)
- (14) Roof side rail
- (15) Windshield
- (16) Windshield header
- (17) Window frame
- (18) Floor pan (includes sill)
- (19) Backlight header
- (20) Front seat back
- (21) Second seat back
- (22) Third seat back
- (23) Fourth seat back
- (24) Fifth seat back
- (25) Seat cushion
- (26) Back door/panel (e.g., tailgate)
- (27) Other interior component (specify):
CONSOLE

Exterior Components

- (30) Hood
- (31) Outside surface of this vehicle (specify):

- (32) Other exterior object in the environment (specify):

- (33) Unknown exterior object
- (97) Catastrophic
- (98) Intrusion of unlisted component(s) (specify):

- (99) Unknown

LOCATION OF INTRUSION

- | | |
|--|---|
| <p>Front Seat</p> <ul style="list-style-type: none"> (11) Left (12) Middle (13) Right <p>Second Seat</p> <ul style="list-style-type: none"> (21) Left (22) Middle (23) Right <p>Third Seat</p> <ul style="list-style-type: none"> (31) Left (32) Middle (33) Right | <p>Fourth Seat</p> <ul style="list-style-type: none"> (41) Left (42) Middle (43) Right <p>(97) Catastrophic</p> <p>(98) Other enclosed area (specify)
_____</p> <p>(99) Unknown</p> |
|--|---|

MAGNITUDE OF INTRUSION

- (1) ≥ 3 centimeters but < 8 centimeters
- (2) ≥ 8 centimeters but < 15 centimeters
- (3) ≥ 15 centimeters but < 30 centimeters
- (4) ≥ 30 centimeters but < 46 centimeters
- (5) ≥ 46 centimeters but < 61 centimeters
- (6) ≥ 61 centimeters
- (7) Catastrophic
- (9) Unknown

DOMINANT CRUSH DIRECTION

- (1) Vertical
- (2) Longitudinal
- (3) Lateral
- (7) Catastrophic
- (9) Unknown

STEERING RIM/SPOKE DEFORMATION

(All Measurements Are in Centimeters)

COMPARISON VALUE	—	DAMAGE VALUE	=	DEFORMATION
------------------	---	--------------	---	-------------

	—		=	
	—		=	
	—		=	
	—		=	
	—		=	

STEERING COLUMN

INSTRUMENT PANEL

87. Steering Column Type 1
 (1) Fixed column
 (2) Tilt column
 (3) Telescoping column
 (4) Tilt and telescoping column
 (8) Other column type (specify):
 (9) Unknown

88. Tilt Steering Column Adjustment 0
 (0) No tilt steering column
 (1) Full up
 (2) Between full up and center
 (3) Center
 (4) Between center and full down
 (5) Full down
 (9) Unknown

89. Telescoping Steering Column Adjustment 0
 (0) No telescoping steering column
 (1) Full back
 (2) Between full back and midpoint
 (3) Midpoint
 (4) Between midpoint and full forward
 (5) Full forward
 (9) Unknown

90. Steering Rim/Spoke Deformation 06
 Code actual measured
 deformation to the nearest centimeter
 (00) No steering rim deformation
 (01-14) Actual measured value in centimeters
 (15) 15 centimeters or more
 (98) Observed deformation cannot be measured
 (99) Unknown

91. Location of Steering Rim/Spoke Deformation 05
 (00) No steering rim deformation

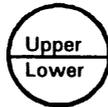
Quarter Sections

- (01) Section A
- (02) Section B
- (03) Section C
- (04) Section D



Half Sections

- (05) Upper half of rim/spoke
- (06) Lower half of rim/spoke
- (07) Left half of rim/spoke
- (08) Right half of rim/spoke



- (09) Complete steering wheel collapse
- (10) Undetermined location
- (99) Unknown

92. Odometer Reading 189,000
 kilometers
 Code to the nearest 1,000 kilometers
 (000) No odometer
 (001) Less than 1,500 kilometers
 (500) 499,500 kilometers or more
 (999) Unknown
117,253 miles X 1.6093 = 188,695 kilometers

Source: odometer at tow yard

93. Instrument Panel Damage from Occupant Contact? 1
 (0) No
 (1) Yes
 (9) Unknown

94. Type of Knee Bolster Covering 0
 (0) No knee bolster
 (1) Padded
 (2) Rigid plastic
 (8) Other (specify):
 (9) Unknown

95. Knee Bolsters Deformed from Occupant Contact? 0
 (0) No knee bolster
 (1) No deformation
 (2) Yes - deformation
 (9) Unknown

96. Did Glove Compartment Door Open During Collision(s)? 1
 (0) No glove compartment door
 (1) No - door did not open
 (2) Yes - door opened
 (9) Unknown

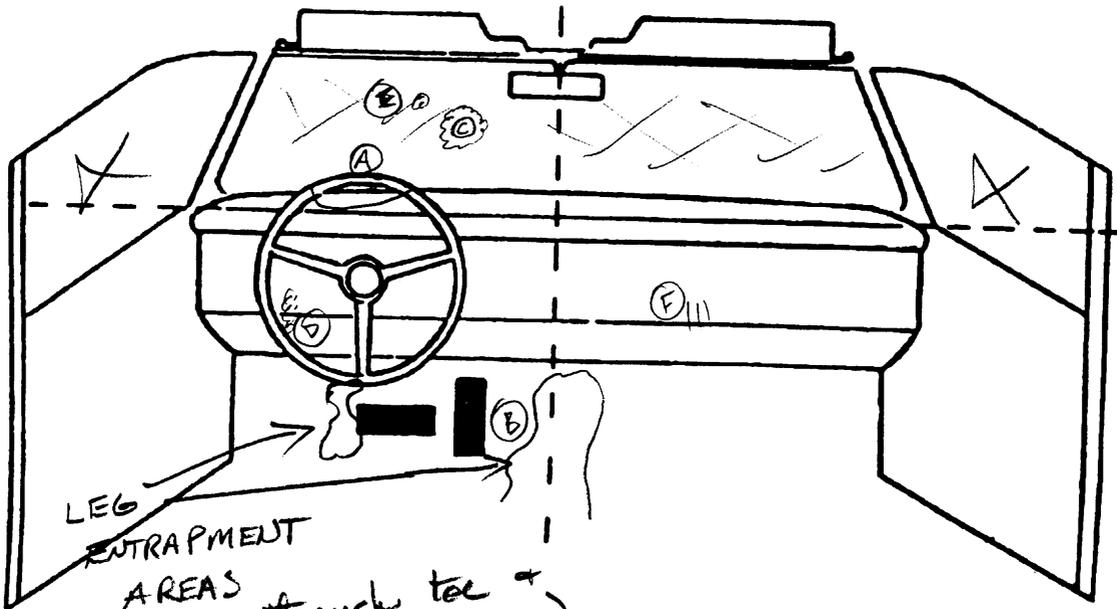
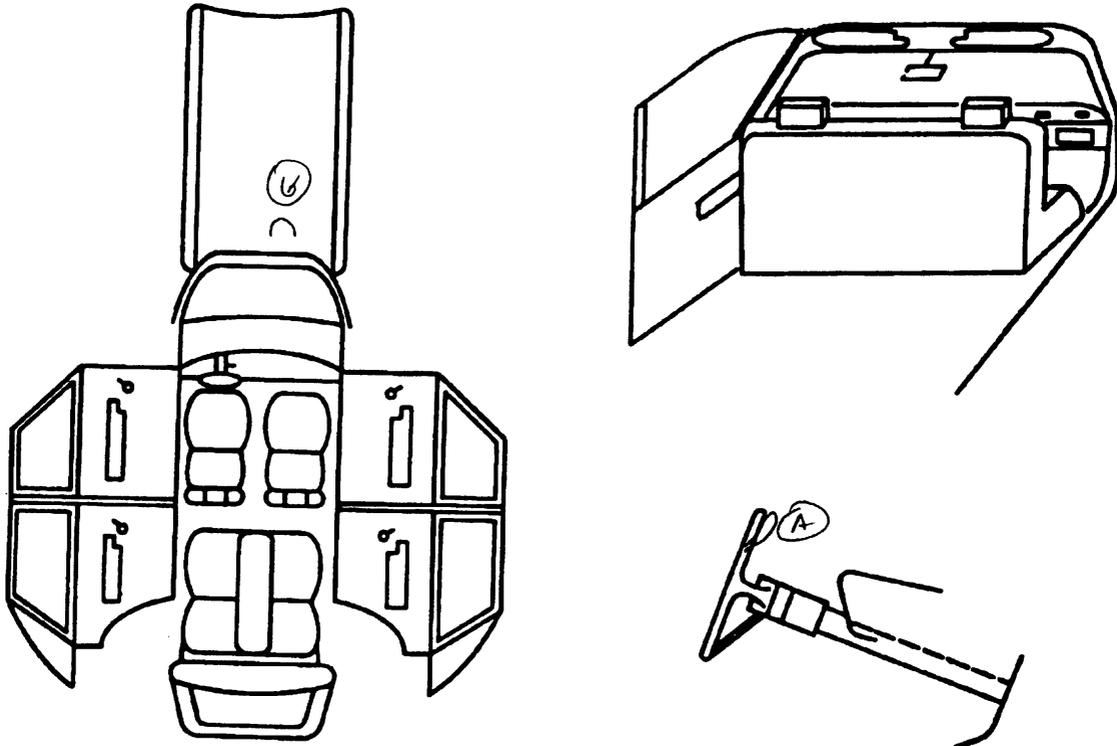
97. Adaptive (Assistive) Driving Equipment 0
 (0) No adaptive driving equipment
 (1) Adaptive driving equipment installed (Check all that apply.)
 Hand controls for braking/acceleration
 Steering control devices (attached to OEM steering wheel)
 Steering knob attached to steering wheel
 Low effort power steering (unit or device)
 Replacement steering wheel (i.e., reduced diameter)
 Joy-stick steering controls
 Wheelchair tie-downs
 Modification to seat belts (specify):
 Additional or relocated switches (specify):

- Raised roof
- Wall-mounted head rest (used behind wheelchair)
- Other adaptive device (specify):

(9) Unknown

VEHICLE INTERIOR SKETCHES

Note area of ejection/entrapment



Sketch windshield contact(s) and the damaged area(s) on the instrument panel outline (e.g., radio, glove compartment, damage to instrument panel structure).
 Cross hatch contact points, draw spider webs or use other annotation as may be appropriate.
 Annotate the contacted area with a letter (begin with A) and list on the Points of Occupant Contact page.

POINTS OF OCCUPANT CONTACT

Contact	Interior Component Contacted	Occupant No. If Known	Body Region If Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	004	11	Body	deformed rim	1
B	252	11	legs	cracked console (entrapment)	1
C	015	11	head	holed windshield, blood	1
D	010	11	knee	deformed, scuffed	1
E	015	11	hand/head	small hole, blood	1
F	012	13	knee	deformed	1
G	201	13 *	head	" , hair, scuff	1
H					
I					
J					
K					
L				* possible occup # 1 (NOT SURE)	
M					
N					

CODES FOR INTERIOR COMPONENTS

<p>FRONT</p> <p>(001) Windshield (002) Mirror (003) Sunvisor (004) Steering wheel rim (005) Steering wheel hub/spoke (006) Steering wheel (combination of codes 004 and 005) (007) Steering column, transmission selector lever, other attachment (008) Cellular telephone or CB radio (009) Add on equipment (e.g., tape deck, air conditioner) (010) Left instrument panel and below (011) Center instrument panel and below (012) Right instrument panel and below (013) Glove compartment door (014) Knee bolster (015) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, mirror, or steering assembly (driver side only) (016) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only) (017) Windshield reinforced by exterior object, (specify): _____ (019) Other front object (specify): _____</p>	<p>LEFT SIDE</p> <p>(051) Left side interior surface, excluding hardware or armrests (052) Left side hardware or armrest (053) Left A (A1/A2)-pillar (054) Left B-pillar (055) Other left pillar (specify): _____ (056) Left side window glass (057) Left side window frame (058) Left side window sill (059) Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. (060) Other left side object (specify): _____</p> <p>RIGHT SIDE</p> <p>(101) Right side interior surface, excluding hardware or armrests (102) Right side hardware or armrest (103) Right A (A1/A2)-pillar (104) Right B-pillar (105) Other right pillar (specify): _____ (106) Right side window glass (107) Right side window frame (108) Right side window sill (109) Right side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. (110) Other right side object (specify): _____</p>	<p>INTERIOR</p> <p>(151) Seat, back support (152) Belt restraint webbing/buckle (153) Belt restraint B-pillar or door frame attachment point (154) Other restraint system component (specify): _____ (155) Head restraint system (160) Other occupants (specify): _____ (161) Interior loose objects (162) Child safety seat (specify): _____ (163) Other interior object (specify): _____</p> <p>AIR BAG</p> <p>(170) Air bag-driver side (175) Air bag compartment cover-driver side (180) Air bag-passenger side (185) Air bag compartment cover-passenger side (190) Other air bag (specify) (195) Other air bag compartment cover (specify)</p> <p>ROOF</p> <p>(201) Front header (202) Rear header (203) Roof left side rail (204) Roof right side rail (205) Roof or convertible top</p> <p>FLOOR</p> <p>(251) Floor (including toe pan) (252) Floor or console mounted transmission lever, including console (253) Parking brake handle (254) Foot controls including parking brake</p>	<p>REAR</p> <p>(301) Backlight (rear window) (302) Backlight storage rack, door, etc. (303) Other rear object (specify): _____</p> <p>ADAPTIVE (ASSISTIVE) DRIVING EQUIPMENT</p> <p>(401) Hand controls for braking/acceleration (402) Steering control devices (attached to OEM steering wheel) (403) Steering knob attached to steering wheel (405) Replacement steering wheel (i.e., reduced diameter) (406) Joy stick steering controls (407) Wheelchair tie-downs (408) Modification to seat belts, (specify): _____ (409) Additional or relocated switches, (specify): _____ (410) Raised roof (411) Wall mounted head rest (used behind wheel chair) (412) Other adaptive device (specify): _____</p>
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CONFIDENCE LEVEL OF CONTACT POINT

(1) Certain
 (2) Probable
 (3) Possible
 (9) Unknown

MANUAL RESTRAINTS

NOTES: Encode the applicable data for each seat position in the vehicle. The attribute for the variable may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form. If a Child safety seat is present, encode the data on the back of this page. If the vehicle has automatic restraints available, encode the appropriate data on the back of the previous page.

		Left	Center	Right
F I R S T	Availability	04	0	04
	Evidence of usage	00	0	00
	Used in this crash?	0	0	0
	Proper Use	0	0	0
	Failure Modes	0	0	0
	Anchorage Adjustment	1	0	1
S E C O N D	Availability	3	3	3
	Evidence of usage	03	03	03
	Used in this crash?	0	0	0
	Proper Use	0	0	0
	Failure Modes	0	0	0
	Anchorage Adjustment	0	0	0
O T H E R	Availability			
	Evidence of usage			
	Used in this crash?			
	Proper Use			
	Failure Modes			
	Anchorage Adjustment			

Manual (Active) Belt System Availability

- (0) None available
- (1) Belt removed/destroyed
- (2) Shoulder belt
- (3) Lap belt
- (4) Lap and shoulder belt
- (5) Belt available - type unknown

Integral Belt Partially Destroyed

- (6) Shoulder belt (lap belt destroyed/removed)
- (7) Lap belt (shoulder belt destroyed/removed)
- (8) Other belt (specify): _____

- (9) Unknown

Manual (Active) Belt System Use

- (00) None used, not available, or belt removed/destroyed
- (01) Inoperable (specify): _____

- (02) Shoulder belt
- (03) Lap belt
- (04) Lap and shoulder belt
- (05) Belt used - type unknown
- (08) Other belt used (specify): _____
- (12) Shoulder belt used with child safety seat
- (13) Lap belt used with child safety seat
- (14) Lap and shoulder belt used with child safety seat
- (15) Belt used with child safety seat - type unknown
- (18) Other belt used with child safety seat (specify): _____
- (99) Unknown if belt used

Proper Use of Manual (Active) Belts

- (0) None used or not available
- (1) Belt used properly
- (2) Belt used properly with child safety seat

Belt Used Improperly

- (3) Shoulder belt worn under arm
- (4) Shoulder belt worn behind back or seat
- (5) Belt worn around more than one person
- (6) Lap belt worn on abdomen
- (7) Lap belt or lap and shoulder belt used improperly with child safety seat (specify): _____
- (8) Other improper use of manual belt system (specify): _____
- (9) Unknown

Manual (Active) Belt Failure Modes During Accident

- (0) No manual belt used or not available
- (1) No manual belt failure(s)
- (2) Torn webbing (stretched webbing not included)
- (3) Broken buckle or latchplate
- (4) Upper anchorage separated
- (5) Other anchorage separated (specify): _____
- (6) Broken retractor
- (7) Combination of above (specify): _____
- (8) Other manual belt failure (specify): _____
- (9) Unknown

Shoulder Belt Upper Anchorage Adjustment

- (0) No shoulder belt
- (1) No upper anchorage adjustment for shoulder belt

Adjustable shoulder Belt Upper Anchorage

- (2) In full up position
- (3) In mid position
- (4) In full down position
- (5) Position unknown
- (9) Unknown if position has adjustable upper anchorage adjustment

AUTOMATIC RESTRAINTS

NOTES: Encode the data for each applicable front seat position. The attribute for the variables may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

AIR BAGS

		Left Front	Right Front	Other
F I R S T	Availability/Function	0	0	0
	Deployment	↓	↓	↓
	Failure			

Air Bag System Availability/Function

- (0) Not equipped/not available
- (1) Air bag

Non-functional

- (2) Air bag disconnected (specify): _____
- (3) Air bag not reinstalled
- (9) Unknown

Are There Indications of Air Bag System Failure? (This Occupant Position)

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify): _____
- (9) Unknown

Frontal Air Bag System Deployment (This Occupant Position)

- (0) Not equipped/not available
- (1) Deployed during accident (as a result of impact)
- (2) Deployed inadvertently just prior to accident
- (3) Deployed, accident sequence undetermined
- (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical)
- (5) Unknown if deployed
- (7) Nondeployed
- (9) Unknown

Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position)

- (0) Not equipped with an "other" air bag
- (1) Deployed during accident (as a result of impact)
- (2) Deployed inadvertently just prior to accident
- (3) Deployed, details unknown
- (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical)
- (5) Unknown if deployed
- (7) Nondeployed
- (9) Unknown

AUTOMATIC BELTS

		Left	Right
F I R S T	Availability/Function	0	0
	Use	↓	↓
	Type		
	Proper Use		
	Failure Modes		

Automatic (Passive) Belt System Availability/Function

- (0) Not equipped/not available
- (1) 2 point automatic belts
- (2) 3 point automatic belts
- (3) Automatic belts - type unknown

Non-functional

- (4) Automatic belts destroyed or rendered inoperative
- (9) Unknown

Automatic (Passive) Belt System Use

- (0) Not equipped/not available/destroyed or rendered inoperative
- (1) Automatic belt in use
- (2) Automatic belt not in use (manually disconnected, motorized track inoperative)
- (3) Automatic belt use unknown
- (9) Unknown

Automatic (Passive) Belt System Type

- (0) Not equipped/not available
- (1) Non-motorized system
- (2) Motorized system
- (9) Unknown

Proper Use of Automatic (Passive) Belt System

- (0) Not equipped/not available/not used
- (1) Automatic belt used properly
- (2) Automatic belt used properly with child safety seat

Automatic Belt Used Improperly

- (3) Automatic shoulder belt worn under arm
- (4) Automatic shoulder belt worn behind back
- (5) Automatic belt worn around more than one person
- (6) Lap portion of automatic belt worn on abdomen
- (7) Automatic lap and shoulder belt or automatic shoulder belt used improperly with child safety seat (specify): _____
- (8) Other improper use of automatic belt system (specify): _____
- (9) Unknown

Automatic (Passive) Belt Failure Modes During Accident

- (0) Not equipped/not available/not in use
- (1) No automatic belt failure(s)
- (2) Torn webbing (stretched webbing not included)
- (3) Broken buckle or latchplate
- (4) Upper anchorage separated
- (5) Other anchorage separated (specify): _____
- (6) Broken retractor
- (7) Combination of above (specify): _____
- (8) Other automatic belt failure (specify): _____
- (9) Unknown

FIRST SEAT FRONTAL AIR BAGS

NOTES: Encode the applicable data *for the driver and first seat passenger* in the vehicle. The attribute for the variable may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

	Driver	Passenger
Type of air bag?	0	0
Flaps open at tear points?		
Flaps damaged?	↓	↓
Air bag damaged?	↓	↓
Source of air bag damage	↓	↓
Air bag tethered?		
Air bag have vent ports?		↓
Other occupant contact air bag?	↓	↓
Occupant wearing eyewear?		

Type of Air Bag

- (0) Not equipped/not available
- (1) Original manufacturer installed system
- (2) Retrofitted air bag
- (3) Replacement air bag
- (8) Unknown type of air bag
- (9) Unknown

Did Air Bag Module Cover Flap(s) Open At Designated Tear Points?

- (0) Not equipped/not available
- (1) No
- (2) Yes
- (3) Deployed, unknown if flap(s) opened at designated tear points
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

Were Air Bag Module Cover Flap(s) Damaged?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify):
- (3) Deployed, unknown if air bag module cover flap(s) damaged
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

Was There Damage To The Air Bag?

- (00) Not equipped/not available
- (01) Not damaged

Yes - Air Bag Damage

- (02) Ruptured
- (03) Cut
- (04) Torn
- (05) Holed
- (06) Burned
- (07) Abraded
- (88) Other damage (specify):

- (95) Damaged, details unknown
- (96) Deployed, unknown if damaged
- (97) Not deployed
- (98) Unknown if deployed
- (99) Unknown

Source of Air Bag Damage

- (00) Not equipped/not available
- (01) Not damaged
- (02) Object worn by occupant, (specify):
- (03) Object carried by occupant, (specify):
- (04) Adaptive/assistive controls, (specify):
- (05) Fire in vehicle
- (06) Thermal burns
- (07) Rescue or emergency efforts
- (88) Other damage source (specify):
- (95) Damaged, unknown source
- (96) Deployed, unknown if damaged
- (97) Not deployed
- (98) Unknown if deployed
- (99) Unknown

Was The Air Bag Tethered?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify number of tether straps):
- (3) Deployed, unknown if tethered
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

Did The Air Bag Have Vent Ports?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify number of vent ports):
- (3) Deployed, unknown if vent ports present
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

Was the Air Bag in this Occupant's Position Contacted by Another Occupant?

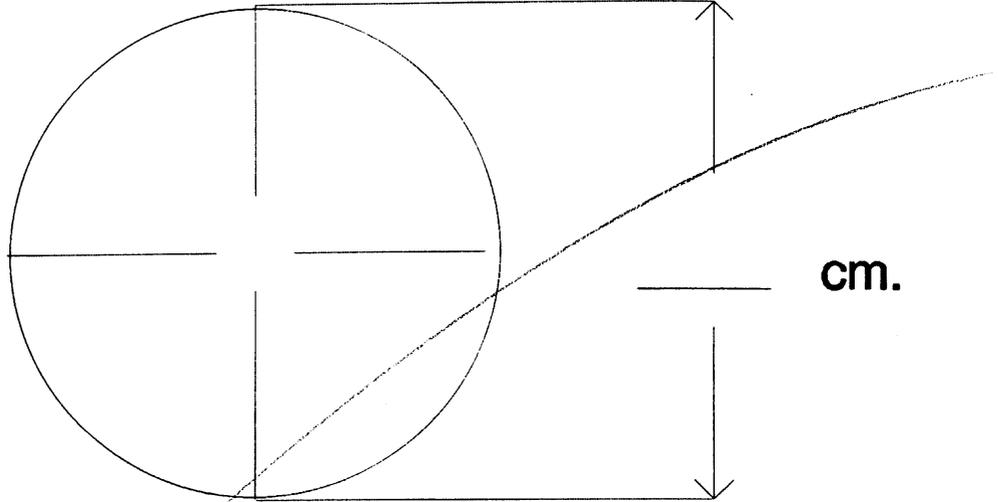
- (0) Not equipped/not available
- (1) No
- (2) Yes (specify):
- (3) Deployed, unknown if other occupant contact to air bag
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

Was This Occupant Wearing Eye-wear?

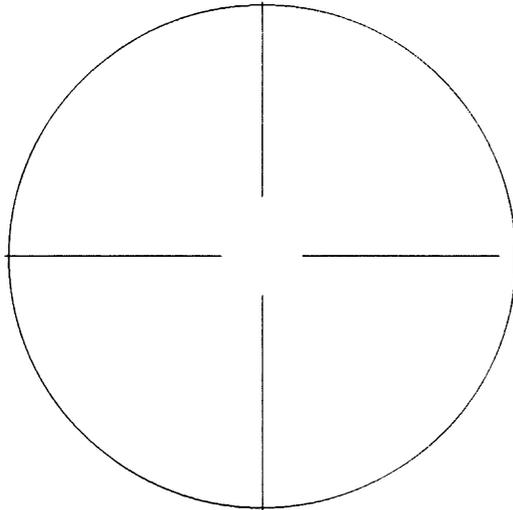
- (0) Not equipped/not available
- (1) No
- (2) Eyeglasses/sunglasses
- (3) Contact lenses
- (4) Deployed, unknown if eyewear worn
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

DRIVER AIR BAG DAMAGE AND CONTACT SKETCHES

1. SKETCH DAMAGE AND CONTACT EVIDENCE ON DRIVER AIR BAG (Front)



2. SKETCH DAMAGE AND CONTACT EVIDENCE ON DRIVER AIR BAG (Back)



DRIVER AIR BAG SKETCHES (Cont'd)

3. DRIVER AIR BAG MODULE COVER FLAP SIZE (DOUBLE)

a. Upper Flap

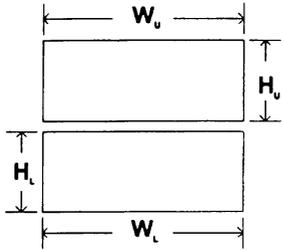
b. Lower Flap

width (W_U) _____

width (W_L) _____

height (H_U) _____

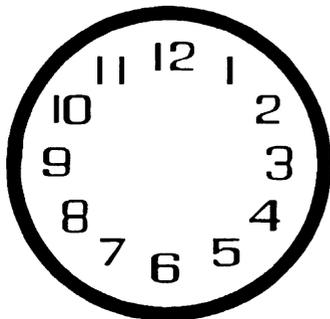
height (H_L) _____



4. SKETCH OF OTHER TYPE OF AIR BAG MODULE FLAP AND SIZE

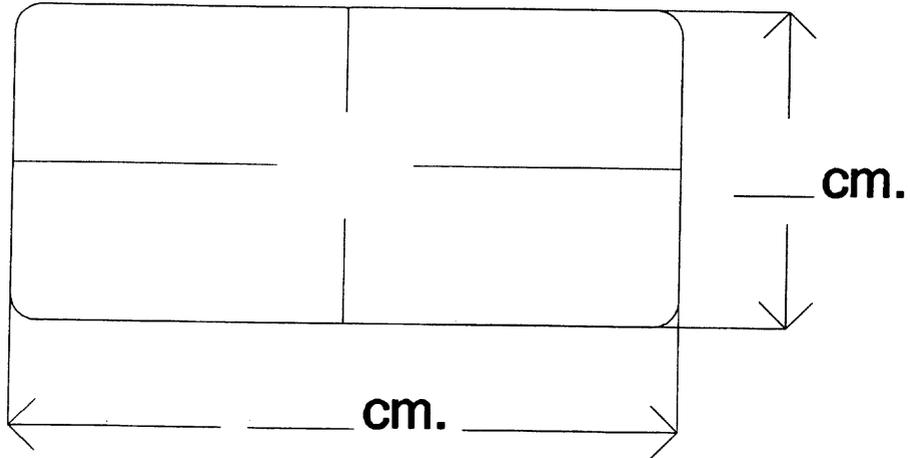
5. SKETCH OF OTHER TYPE OF AIR BAG VENT PORTS

6. SKETCH LOCATION OF CIRCULAR AIR BAG VENT PORTS

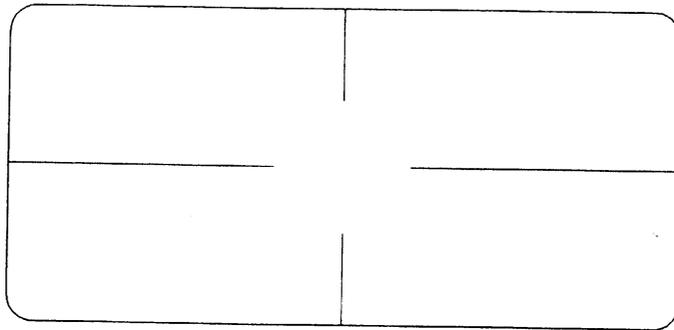


PASSENGER AIR BAG DAMAGE AND CONTACT SKETCHES

1. SKETCH DAMAGE AND CONTACT EVIDENCE ON PASSENGER AIR BAG (Front)



2. SKETCH DAMAGE AND CONTACT EVIDENCE ON PASSENGER AIR BAG (Back)



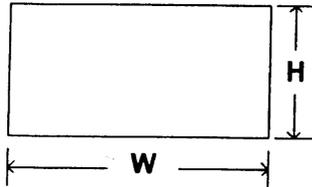
PASSENGER AIR BAG SKETCHES (Cont'd)

3. PASSENGER AIR BAG MODULE COVER FLAP SIZE (SINGLE)

a. Flap

width (W) _____

height (H) _____



4. PASSENGER AIR BAG MODULE COVER FLAP SIZE (DOUBLE)

a. Upper Flap

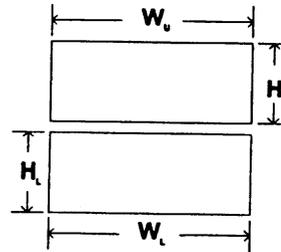
b. Lower Flap

width (W_u) _____

width (W_l) _____

height (H_u) _____

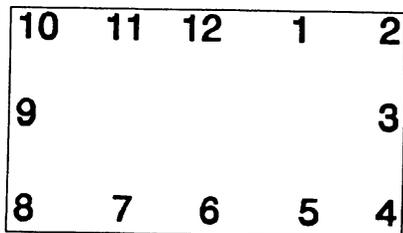
height (H_l) _____



5. SKETCH OF OTHER TYPE OF AIR BAG MODULE FLAP AND SIZE

6. SKETCH OF OTHER TYPE OF AIR BAG VENT PORTS

7. SKETCH LOCATION OF RECTANGULAR AIR BAG VENT PORTS



"OTHER" AIR BAG DAMAGE AND CONTACT SKETCHES

1. SKETCH DAMAGE AND CONTACT EVIDENCE ON "OTHER" AIR BAG (Front)

2. SKETCH DAMAGE AND CONTACT EVIDENCE ON "OTHER" AIR BAG (Back)

"OTHER" AIR BAG SKETCHES (Cont'd)

3. SKETCH AIR BAG MODULE FLAP AND SIZE OR OPENING FOR AIRBAG

4. SKETCH AIR BAG VENT PORTS

HEAD RESTRAINTS/SEAT EVALUATION

NOTES: Encode the applicable data for each seat position in the vehicle. The attribute for these variables may be found at the bottom of the page. Head restraint type/damage and seat type/performance should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

		Left	Center	Right
F I R S T	Head Restraint Type/Damage	1	0	1
	Seat Type	02	0	02
	Seat Performance	1	0	1
	Seat Orientation	1	0	1
	Seat Track Position (3 INT.)	5	0	5
	Seat Back Incline Pre/Post Impact	23	0	23
S E C O N D	Head Restraint Type/Damage	0	0	0
	Seat Type	05	0	05
	Seat Performance	0	0	0
	Seat Orientation	0	0	0
	Seat Track Position	0	0	0
	Seat Back Incline Pre/Post Impact	0	0	0
T H I R D	Head Restraint Type/Damage			
	Seat Type			
	Seat Performance			
	Seat Orientation			
	Seat Track Position			
	Seat Back Incline Pre/Post Impact			
O T H E R	Head Restraint Type/Damage			
	Seat Type			
	Seat Performance			
	Seat Orientation			
	Seat Track Position			
	Seat Back Incline Pre/Post Impact			

**DESCRIBE ANY INDICATION OF ABNORMAL OCCUPANT POSTURE
(I.E., UNUSUAL OCCUPANT CONTACT PATTERN)**

HEAD RESTRAINTS/SEAT EVALUATION

Head Restraint Type/Damage by Occupant at This Occupant Position

- (0) No head restraints
- (1) Integral — no damage
- (2) Integral — damaged during accident
- (3) Adjustable — no damage
- (4) Adjustable — damaged during accident
- (5) Add-on — no damage
- (6) Add-on — damaged during accident
- (8) Other Specify): _____
- (9) Unknown

Seat Type (this Occupant Position)

- (00) Occupant not seated or no seat
- (01) Bucket
- (02) Bucket with folding back
- (03) Bench
- (04) Bench with separate back cushions
- (05) Bench with folding back(s)
- (06) Split bench with separate back cushions
- (07) Split bench with folding back(s)
- (08) Pedestal (i.e., column supported)
- (09) Other seat type (specify): _____
- (10) Box mounted seat (i.e., van type)
- (99) Unknown

Seat Performance (this Occupant Position)

- (0) Occupant not seated or no seat
- (1) No seat performance failure(s)
- (2) Seat adjusters failed
- (3) Seat back folding locks or "seat back" failed (specify): _____
- (4) Seat tracks/anchors failed
- (5) Deformed by impact of occupant
- (6) Deformed by passenger compartment intrusion (specify): _____
- (7) Combination of above (specify): _____
- (8) Other (specify): _____
- (9) Unknown

Seat Orientation (this Occupant Position)

- (0) Occupant not seated or no seat
- (1) Forward facing seat
- (2) Rear facing seat
- (3) Side facing seat (inward)
- (4) Side facing seat (outward)
- (8) Other (specify): _____
- (9) Unknown

Seat Track Adjusted Position Prior To Impact

- (0) Occupant not seated or no seat
- (1) Non-adjustable seat track
- Adjustable Seat Track**
- (2) Seat at forward most track position
- (3) Seat between forward most and middle track positions
- (4) Seat at middle track position
- (5) Seat between middle and rear most track positions
- (6) Seat at rear most track position
- (9) Unknown

Seat Back Incline Prior and Post Impact

- (00) Occupant not seated or no seat
- (01) Not adjustable

Upright prior to impact

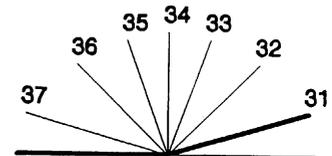
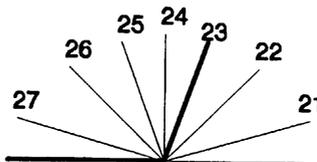
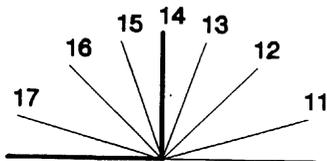
- (11) Moved to completely rearward position
- (12) Moved to rearward midrange position
- (13) Moved to slightly rearward position
- (14) Retained pre-impact position
- (15) Moved to slightly forward position
- (16) Moved to forward midrange position
- (17) Moved to completely forward position

Slightly reclined prior to impact

- (21) Moved to completely rearward position
- (22) Moved to rearward midrange position
- (23) Retained pre-impact position
- (24) Moved to upright position
- (25) Moved to slightly forward position
- (26) Moved to forward midrange position
- (27) Moved to completely forward position

Completely reclined prior to impact

- (31) Retained pre-impact position
- (32) Moved to rearward midrange position
- (33) Moved to slightly rearward position
- (34) Moved to upright position
- (35) Moved to slightly forward position
- (36) Moved to forward midrange position
- (37) Moved to completely forward position
- (99) Unknown



Coding diagrams for *Seat Back Incline Position Prior and Post Impact*

**DESCRIBE ANY INDICATION OF ABNORMAL OCCUPANT POSTURE
(I.E., UNUSUAL OCCUPANT CONTACT PATTERN)**

CHILD SAFETY SEAT FIELD ASSESSMENT

When a child safety seat is present enter the occupant's number in the first row and complete the column below the occupant's number using the codes listed below. Complete a column for each child safety seat present.

Occupant Number						
1. Type of Child Safety Seat						
2. Child Safety Seat Orientation						
3. Child Safety Seat Harness Usage						
4. Child Safety Seat Shield Usage						
5. Child Safety Seat Tether Usage						
6. Child Safety Seat Make/Model	Specify Below for Each Child Safety Seat					

1. Type of Child Safety Seat
 - (0) No child safety seat
 - (1) Infant seat
 - (2) Toddler seat
 - (3) Convertible seat
 - (4) Booster seat
 - (7) Other type child safety seat (specify): _____
 - (8) Unknown child safety seat type
 - (9) Unknown if child safety seat used
2. Child Safety Seat Orientation
 - (00) No child safety seat
 - Designed for Rear Facing for This Age/Weight
 - (01) Rear facing
 - (02) Forward facing
 - (08) Other orientation (specify): _____
 - (09) Unknown orientation
 - Designed for Forward Facing for This Age/Weight
 - (11) Rear facing
 - (12) Forward facing
 - (18) Other orientation (specify): _____
 - (19) Unknown orientation
 - Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight
 - (21) Rear facing
 - (22) Forward facing
 - (28) Other orientation (specify): _____
 - (29) Unknown orientation
 - (99) Unknown if child safety seat used
3. Child Safety Seat Harness Usage

4. Child Safety Seat Shield Usage
5. Child Safety Seat Tether Usage
 - Note: Options Below Are Used for Variables 3-5.
 - (00) No child safety seat
 - Not Designed with Harness/Shield/Tether
 - (01) After market harness/shield/tether added, not used
 - (02) After market harness/shield/tether used
 - (03) Child safety seat used, but no after market harness/shield/tether added
 - (09) Unknown if harness/shield/tether added or used
 - Designed With Harness/Shield/Tether
 - (11) Harness/shield/tether not used
 - (12) Harness/shield/tether used
 - (19) Unknown if harness/shield/tether used
 - Unknown If Designed With Harness/Shield/Tether
 - (21) Harness/shield/tether not used
 - (22) Harness/shield/tether used
 - (29) Unknown if harness/shield/tether used
 - (99) Unknown if child safety seat used
6. Child Safety Seat Make/Model
 - (Specify make/model and occupant number)
 - _____
 - _____
 - _____
 - _____

EJECTION/ENTRAPMENT DATA

Complete the following if the researcher has any indication that an occupant was either ejected from or entrapped in the vehicle. Code the appropriate data on the Occupant Assessment Form.

EJECTION No [] Yes []

Describe indications of ejection and body parts involved in partial ejection(s):

Occupant Number						
Ejection						
(Note on Vehicle Interior Sketch) Ejection Area						
Ejection Medium						
Medium Status						

Ejection

- (1) Complete ejection
- (2) Partial ejection
- (3) Ejection, Unknown degree
- (9) Unknown

Ejection Area

- (1) Windshield
- (2) Left front
- (3) Right front
- (4) Left rear
- (5) Right rear
- (6) Rear

(7) Roof

(8) Other area (e.g., back of pickup, etc.) (specify): _____

(9) Unknown

Ejection Medium

- (1) Door/hatch/tailgate
- (2) Nonfixed roof structure
- (3) Fixed glazing
- (4) Nonfixed glazing (specify): _____

(5) Integral structure

(8) Other medium (specify): _____

(9) Unknown

Medium Status (Immediately Prior to Impact)

- (1) Open
- (2) Closed
- (3) Integral structure
- (9) Unknown

ENTRAPMENT No [] Yes []

Describe entrapment mechanism:

floor + toe pan (and left front wheel + tire entrapped legs on driver side.

Console also contributed to entrapment.

Component(s): *Floor, toe pan, console*

(Note in vehicle interior diagram)



OCCUPANT ASSESSMENT FORM

1. Primary Sampling Unit Number 45
 2. Case Number - Stratum 276 B
 3. Vehicle Number 01
 4. Occupant Number 01

OCCUPANT'S CHARACTERISTICS

5. Occupant's Age 39
 Code actual age at time of accident.
 (00) Less than one year old (specify by month):

 (97) 97 years and older
 (99) Unknown

6. Occupant's Sex 1
 (1) Male
 (2) Female-not reported pregnant
 (3) Female-pregnant-1st trimester(1st-3rd month)
 (4) Female-pregnant-2nd trimester(4th-6th month)
 (5) Female-pregnant-3rd trimester(7th-9th month)
 (6) Female-pregnant-term unknown
 (9) Unknown

7. Occupant's Height 157
 Code actual height to the nearest centimeter.
 (999) Unknown
62 inches X 2.54 = 157 centimeters

8. Occupant's Weight 082
 Code actual weight to the nearest kilogram.
 (999)Unknown
180 pounds X .4536 = 082 kilograms

9. Occupant's Role 1
 (1) Driver
 (2) Passenger
 (9) Unknown

OCCUPANT'S SEATING

10. Occupant's Seat Position 11
Front Seat
 (11) Left side
 (12) Middle
 (13) Right side
 (14) Other (specify): _____
 (15) On or in the lap of another occupant

Second Seat
 (21) Left side
 (22) Middle
 (23) Right side
 (24) Other (specify): _____
 (25) On or in the lap of another occupant

Third Seat
 (31) Left side
 (32) Middle
 (33) Right side
 (34) Other (specify): _____
 (35) On or in the lap of another occupant

Fourth Seat
 (41) Left side
 (42) Middle
 (43) Right side
 (44) Other (specify): _____
 (45) On or in the lap of another occupant

(97) In or on unenclosed area
 (98) Other seat (specify): _____
 (99) Unknown

11. Occupant's Posture 0
 (0) Normal posture

Abnormal posture
 (1) Kneeling or standing on seat
 (2) Lying on or across seat
 (3) Kneeling, standing or sitting in front of seat
 (4) Sitting sideways or turned to talk with another occupant or to look out a rear window
 (5) Sitting on a console
 (6) Lying back in a reclined seat position
 (7) Bracing with feet or hands on a surface in front of seat
 (8) Other abnormal posture (specify): _____
 (9) Unknown

EJECTION/ENTRAPMENT

12. Ejection 0

- (0) No ejection
- (1) Complete ejection
- (2) Partial ejection
- (3) Ejection, unknown degree
- (9) Unknown

13. Ejection Area 0

- (0) No ejection
- (1) Windshield
- (2) Left front
- (3) Right front
- (4) Left rear
- (5) Right rear
- (6) Rear
- (7) Roof
- (8) Other area (e.g., back of pickup, etc.)
(specify): _____
- (9) Unknown

14. Ejection Medium 0

- (0) No ejection
- (1) Door/hatch/tailgate
- (2) Nonfixed roof structure
- (3) Fixed glazing
- (4) Nonfixed glazing (specify):

- (5) Integral structure
- (8) Other medium (specify):

- (9) Unknown

15. Medium Status (Immediately Prior To Impact) 0

- (0) No ejection
- (1) Open
- (2) Closed
- (3) Integral structure
- (9) Unknown

16. Entrapment 1

- (0) Not entrapped/exit not inhibited
- (1) Entrapped/pinned - mechanically restrained
- (2) Could not exit vehicle due to jammed doors,
fire, etc.
(specify): _____
- (9) Unknown

17. Occupant Mobility 0

- (0) Occupant fatal before removed from
vehicle
- (1) Removed from vehicle while unconscious or
disoriented
- (2) Removed from vehicle due to injuries
- (3) Exited vehicle with some assistance
- (4) Exited vehicle under own power
- (5) Occupant fully ejected
- (9) Unknown

BELT SYSTEM FUNCTION

- | | |
|--|---|
| <p>18. Manual (Active) Belt System Availability <u>4</u></p> <p>(0) None available
 (1) Belt removed/destroyed
 (2) Shoulder belt
 (3) Lap belt
 (4) Lap and shoulder belt
 (5) Belt available—type unknown</p> <p><i>Integral Belt Partially Destroyed</i>
 (6) Shoulder belt (lap belt destroyed/removed)
 (7) Lap belt (shoulder belt destroyed/removed)
 (8) Other belt (specify): _____</p> <p>(9) Unknown</p> | <p>22. Shoulder Belt Upper Anchorage Adjustment <u>1</u></p> <p>(0) No shoulder belt
 (1) No upper anchorage adjustment for shoulder belt</p> <p><i>Adjustable shoulder Belt Upper Anchorage</i>
 (2) In full up position
 (3) In mid position
 (4) In full down position
 (5) Position unknown
 (9) Unknown if position has adjustable upper anchorage adjustment</p> |
| <p>19. Manual (Active) Belt System Use <u>00</u></p> <p>(00) None used, not available, or belt removed/destroyed
 (01) Inoperative (specify): _____</p> <p>(02) Shoulder belt
 (03) Lap belt
 (04) Lap and shoulder belt
 (05) Belt used—type unknown
 (08) Other belt used (specify): _____</p> <p>(12) Shoulder belt used with child safety seat
 (13) Lap belt used with child safety seat
 (14) Lap and shoulder belt used with child safety seat
 (15) Belt used with child safety seat—type unknown
 (18) Other belt used with child safety seat (specify): _____</p> <p>(99) Unknown if belt used</p> | <p>23. Automatic (Passive) Belt System Availability/Function <u>0</u></p> <p>(0) Not equipped/not available
 (1) 2 point automatic belts
 (2) 3 point automatic belts
 (3) Automatic belts - type unknown</p> <p><i>Non-functional</i>
 (4) Automatic belts destroyed or rendered inoperative
 (9) Unknown</p> <p>24. Automatic (Passive) Belt System Use <u>0</u></p> <p>(0) Not equipped/not available/destroyed or rendered inoperative
 (1) Automatic belt in use
 (2) Automatic belt not in use (manually disconnected, motorized track inoperative) (specify): _____</p> <p>(3) Automatic belt use unknown
 (9) Unknown</p> |
| <p>20. Proper Use of Manual (Active) Belts <u>0</u></p> <p>(0) None used or not available
 (1) Belt used properly
 (2) Belt used properly with child safety seat</p> <p><i>Belt Used Improperly</i>
 (3) Shoulder belt worn under arm
 (4) Shoulder belt worn behind back or seat
 (5) Belt worn around more than one person
 (6) Lap belt worn on abdomen
 (7) Lap belt or lap and shoulder belt used improperly with child safety seat (specify): _____</p> <p>(8) Other improper use of manual belt system (specify): _____</p> <p>(9) Unknown</p> | <p>25. Automatic (Passive) Belt System Type <u>0</u></p> <p>(0) Not equipped/not available
 (1) Non-motorized system
 (2) Motorized system
 (9) Unknown</p> <p>26. Proper Use of Automatic (Passive) Belt System <u>0</u></p> <p>(0) Not equipped/not available/not used
 (1) Automatic belt used properly
 (2) Automatic belt used properly with child safety seat</p> <p><i>Automatic Belt Used Improperly</i>
 (3) Automatic shoulder belt worn under arm
 (4) Automatic shoulder belt worn behind back
 (5) Automatic belt worn around more than one person
 (6) Lap portion of automatic belt worn on abdomen
 (7) Automatic lap and shoulder belt or automatic shoulder belt used improperly with child safety seat (specify): _____</p> <p>(8) Other improper use of automatic belt system (specify): _____</p> <p>(9) Unknown</p> |
| <p>21. Manual (Active) Belt Failure Modes During Accident <u>0</u></p> <p>(0) No manual belt used or not available
 (1) No manual belt failure(s)
 (2) Torn webbing (stretched webbing not included)
 (3) Broken buckle or latchplate
 (4) Upper anchorage separated
 (5) Other anchorage separated (specify): _____</p> <p>(6) Broken retractor
 (7) Combination of above (specify): _____</p> <p>(8) Other manual belt failure (specify): _____</p> <p>(9) Unknown</p> | <p>27. Automatic (Passive) Belt Failure Modes During Accident <u>0</u></p> <p>(0) Not equipped/not available/not in use
 (1) No automatic belt failure(s)
 (2) Torn webbing (stretched webbing not included)
 (3) Broken buckle or latchplate
 (4) Upper anchorage separated
 (5) Other anchorage separated (specify): _____</p> <p>(6) Broken retractor
 (7) Combination of above (specify): _____</p> <p>(8) Other automatic belt failure (specify): _____</p> <p>(9) Unknown</p> |

POLICE REPORTED RESTRAINT USE	AIR BAG SYSTEM FUNCTION
<p>28. Police Reported Belt Use <u>0</u></p> <p>(0) None used (1) Police did not indicate belt use (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt used, type not specified (6) Child safety seat (7) Automatic belt (8) Other type belt, (specify): _____ (9) Police indicated "unknown"</p> <p>29. Police Reported Air Bag Availability/Function <u>0</u></p> <p>(0) No air bag available (1) Police did not indicate air bag availability/function (2) Deployed (3) Not deployed (4) Unknown if deployed (9) Police indicated "unknown"</p> <hr/> <p>Check the Primary Source Used In Determining Belt Use.</p> <p><input type="checkbox"/> Not equipped/not available/destroyed or rendered inoperative <input type="checkbox"/> Vehicle inspection <input type="checkbox"/> Official injury data <input checked="" type="checkbox"/> Driver/occupant interview <input type="checkbox"/> Other (specify): _____</p> <p><input type="checkbox"/> Unknown if belt used</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>30. Frontal Air Bag System Availability/Function (This Occupant Position) <u>0</u></p> <p>(0) Not equipped/not available (1) Air bag</p> <p><i>Non-functional</i> (2) Air bag disconnected (specify): _____ (3) Air bag not reinstalled (9) Unknown</p> <p>31. Frontal Air Bag System Deployment (This Occupant Position) <u>0</u></p> <p>(0) Not equipped/not available (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown</p> <p>32. Other Than First Seat Frontal Air Bag Availability/Function (This Occupant Position) <u>0</u></p> <p>(0) Not equipped/not available (1) Air bag</p> <p><i>Non-functional</i> (2) Air bag disconnected (specify): _____ (3) Air bag not reinstalled (9) Unknown <i>Specify type of "other" air bag present:</i> _____</p> <p>33. Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position) <u>0</u></p> <p>(0) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown</p> <p>34. Are There Indications of Air Bag System Failure? (This Occupant Position) <u>0</u></p> <p>(0) Not equipped/not available (1) No (2) Yes (specify): _____ (9) Unknown</p>

FIRST SEAT FRONTAL AIR BAG SYSTEM EVALUATION

35. Had Vehicle Been in Previous Accident(s)? 0
 (0) Not equipped/not available
 (1) No previous accidents

Yes
 (2) Previous accident(s) without deployment(s)
 (3) One previous accident with deployment
 (4) More than one previous accident with at least one deployment
 (8) Previous accidents, unknown deployment status
 (9) Unknown

36. Type of Air Bag 0
 (0) Not equipped/not available
 (1) Original manufacturer installed system
 (2) Retrofitted air bag
 (3) Replacement air bag
 (8) Unknown type of air bag
 (9) Unknown

37. Had Any Prior Maintenance/Service Been Performed On This Air Bag System? 0
 (0) Not equipped/not available
 (1) No prior maintenance
 (2) Yes, prior maintenance (specify): _____
 (9) Unknown

38. Air Bag Deployment Accident Event Sequence Number 00
 (00) Not equipped/not available
 _____ Code the accident event sequence number that initiated the air bag deployment
 (96) Deployed, unknown event
 (97) Not deployed
 (98) Unknown if deployed
 (99) Unknown

39. CDC For Air Bag Deployment Impact 0
 (0) Not equipped/not available
 (1) Highest delta V
 (2) Second highest delta V
 (3) Other non-coded delta V (specify): _____
 (6) Deployed, unknown event
 (7) Not deployed
 (8) Unknown if deployed
 (9) Unknown

40. Longitudinal Component of Delta V For Air Bag Deployment Impact +
 - 000
 (_000) Not equipped/not available
Code the value of the delta V for the impact that initiated the air bag deployment
 (_996) Deployment, unknown longitudinal Delta V
 (_997) Not deployed
 (_998) Unknown if deployed
 (_999) Unknown

41. Did Air Bag Module Cover Flap(s) Open At Designated Tear Points? 0
 (0) Not equipped/not available
 (1) No
 (2) Yes
 (3) Deployed, unknown if flap(s) opened at designated tear points
 (7) Not deployed
 (8) Unknown if deployed
 (9) Unknown

42. Were Air Bag Module Cover Flap(s) Damaged? 0
 (0) Not equipped/not available
 (1) No
 (2) Yes (specify): _____
 (3) Deployed, unknown if air bag module cover flap(s) damaged
 (7) Not deployed
 (8) Unknown if deployed
 (9) Unknown

43. Was There Damage To The Air Bag? 00
 (00) Not equipped/not available
 (01) Not damaged

Yes - Air Bag Damage
 (02) Ruptured
 (03) Cut
 (04) Torn
 (05) Holed
 (06) Burned
 (07) Abraded
 (88) Other damage (specify): _____
 (95) Damaged, details unknown
 (96) Deployed, unknown if damaged
 (97) Not deployed
 (98) Unknown if deployed
 (99) Unknown

**FIRST SEAT FRONTAL AIR BAG SYSTEM
EVALUATION** *continued*

44. Source of Air Bag Damage 00
 (00) Not equipped/not available
 (01) Not damaged
 (02) Object worn by occupant, (specify):

 (03) Object carried by occupant, (specify):

 (04) Adaptive/assistive controls, (specify):

 (05) Fire in vehicle
 (06) Thermal burns
 (07) Rescue or emergency efforts
 (88) Other damage source (specify):

 (95) Damaged, unknown source
 (96) Deployed, unknown if damaged
 (97) Not deployed
 (98) Unknown if deployed
 (99) Unknown
45. Was The Air Bag Tethered? 0
 (0) Not equipped/not available
 (1) No
 (2) Yes (specify number of tether straps):

 (3) Deployed, unknown if tethered
 (7) Not deployed
 (8) Unknown if deployed
 (9) Unknown
46. Did The Air Bag Have Vent Ports? 0
 (0) Not equipped/not available
 (1) No
 (2) Yes (specify number of vent ports):

 (3) Deployed, unknown if vent ports present
 (7) Not deployed
 (8) Unknown if deployed
 (9) Unknown
47. Was the Air Bag in this Occupant's Position Contacted by Another Occupant? 0
 (0) Not equipped/not available
 (1) No
 (2) Yes (specify):

 (3) Deployed, unknown if other occupant contact to air bag
 (7) Not deployed
 (8) Unknown if deployed
 (9) Unknown
48. Was This Occupant Wearing Eye-wear? 0
 (0) Not equipped/not available
 (1) No
 (2) Eyeglasses/sunglasses
 (3) Contact lenses
 (4) Deployed, unknown if eyewear worn
 (7) Not deployed
 (8) Unknown if deployed
 (9) Unknown

HEAD RESTRAINT AND SEAT EVALUATION

49. Head Restraint Type/Damage by Occupant at This Occupant Position 1
 (0) No head restraints
 (1) Integral—no damage
 (2) Integral—damaged during accident
 (3) Adjustable—no damage
 (4) Adjustable—damaged during accident
 (5) Add-on—no damage
 (6) Add-on—damaged during accident
 (8) Other (specify):

 (9) Unknown
50. Seat Type (this Occupant Position) 02
 (00) Occupant not seated or no seat
 (01) Bucket
 (02) Bucket with folding back
 (03) Bench
 (04) Bench with separate back cushions
 (05) Bench with folding back(s)
 (06) Split bench with separate back cushions
 (07) Split bench with folding back(s)
 (08) Pedestal (i.e., column supported)
 (09) Box mounted seat (i.e., van type)
 (10) Other seat type (specify):

 (99) Unknown
51. Seat Orientation (this Occupant Position) 1
 (0) Occupant not seated or no seat
 (1) Forward facing seat
 (2) Rear facing seat
 (3) Side facing seat (inward)
 (4) Side facing seat (outward)
 (8) Other (specify):

 (9) Unknown
52. Seat Track Adjusted Position Prior To Impact 3
 (0) Occupant not seated or no seat
 (1) Non-adjustable seat track

Adjustable Seat Track
 (2) Seat at forward most track position
 (3) Seat between forward most and middle track positions
 (4) Seat at middle track position
 (5) Seat between middle and rear most track positions
 (6) Seat at rear most track position
 (9) Unknown

HEAD RESTRAINT AND SEAT EVALUATION *continued*

53. Seat Back Incline Prior and Post Impact 23

- (00) Occupant not seated or no seat
- (01) Not adjustable

Upright prior to impact

- (11) Moved to completely rearward position
- (12) Moved to rearward midrange position
- (13) Moved to slightly rearward position
- (14) Retained pre-impact position
- (15) Moved to slightly forward position
- (16) Moved to forward midrange position
- (17) Moved to completely forward position

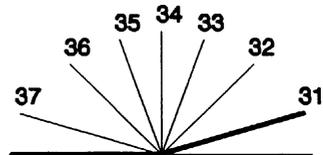
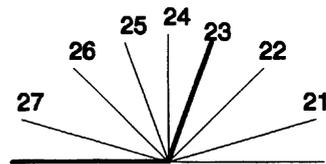
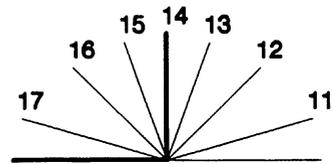
Slightly reclined prior to impact

- (21) Moved to completely rearward position
- (22) Moved to rearward midrange position
- (23) Retained pre-impact position
- (24) Moved to upright position
- (25) Moved to slightly forward position
- (26) Moved to forward midrange position
- (27) Moved to completely forward position

Completely reclined prior to impact

- (31) Retained pre-impact position
- (32) Moved to rearward midrange position
- (33) Moved to slightly rearward position
- (34) Moved to upright position
- (35) Moved to slightly forward position
- (36) Moved to forward midrange position
- (37) Moved to completely forward position

(99) Unknown



54. Seat Performance (this Occupant Position) 1

- (0) Occupant not seated or no seat
- (1) No seat performance failure(s)
- (2) Seat adjusters failed
- (3) Seat back folding locks or "seat back" failed (specify): _____
- (4) Seat track/anchors failed
- (5) Deformed by impact of occupant
- (6) Deformed by passenger compartment intrusion, (specify): _____
- (7) Combination of above (specify): _____
- (8) Other (specify): _____
- (9) Unknown

CHILD SAFETY SEAT

55. Child Safety Seat Make/Model 000

(000) No child safety seat

Applicable codes are found in your NASS CDS
Data Collection, Coding and Editing

(950) Built-in child safety seat

(997) Other make/model (specify):

(998) Unknown make/model

(999) Unknown if child safety seat used

56. Type of Child Safety Seat 0

(0) No child safety seat

(1) Infant seat

(2) Toddler seat

(3) Convertible seat

(4) Booster seat - with shield

(5) Booster seat - without shield

(7) Other type child safety seat (specify):

(8) Unknown child safety seat type

(9) Unknown if child safety seat used

57. Child Safety Seat Orientation 00

(00) No child safety seat

Designed for Rear Facing for This Age/Weight

(01) Rear facing

(02) Forward facing

(08) Other orientation (specify):

(09) Unknown orientation

Designed For Forward Facing for This Age/Weight

(11) Rear facing

(12) Forward facing

(18) Other orientation (specify):

(19) Unknown orientation

*Unknown Design or Orientation For This
Age/Weight, or Unknown Age/Weight*

(21) Rear facing

(22) Forward facing

(28) Other orientation (specify):

(29) Unknown orientation

(99) Unknown if child safety seat used

58. Child Safety Seat Harness Usage 0059. Child Safety Seat Shield Usage 0060. Child Safety Seat Tether Usage 00Note: Options below applicable to
Variables OA58-OA60.

(00) No child safety seat

Not Designed With Harness/Shield/Tether(01) After market harness/shield/tether
added, not used

(02) After market harness/shield/tether used

(03) Child safety seat used, but no after market
harness/shield/tether added(09) Unknown if harness/shield/tether
added or used*Designed With Harness/Shield/Tether*

(11) Harness/shield/tether not used

(12) Harness/shield/tether used

(19) Unknown if harness/shield/tether used

Unknown If Designed With Harness/Shield/Tether

(21) Harness/shield/tether not used

(22) Harness/shield/tether used

(29) Unknown if harness/shield/tether used

(99) Unknown if child safety seat used

INJURY CONSEQUENCES

61. Injury Severity (Police Rating) 4

- (0) O - No injury
- (1) C - Possible injury
- (2) B - Nonincapacitating injury
- (3) A - Incapacitating injury
- (4) K - Killed
- (5) U - Injury, severity unknown
- (6) Died prior to accident
- (9) Unknown

62. Treatment - Mortality 1

- (0) No treatment
- (1) Fatal
- (2) Fatal - ruled disease (specify):

Nonfatal

- (3) Hospitalization
- (4) Transported and released
- (5) Treatment at scene - nontransported
- (6) Treatment later
- (7) Treatment - other (specify):

- (8) Transported to a medical facility-unknown if treated
- (9) Unknown

63. Type Of Medical Facility (for Initial Treatment) 40

- (0) Not treated at a medical facility
- (1) Trauma center
- (2) Hospital
- (3) Medical clinic
- (4) Physician's office
- (5) Treatment later at medical facility
- (8) Other (specify):

- (9) Unknown

64. Hospital Stay 00

- (00) Not Hospitalized
- _____ Code the number of days (up through 60) that the occupant stayed in hospital.
- (61) 61 days or more
- (99) Unknown

65. Working Days Lost 62

- _____ Code the number of days (up through 60) that the occupant lost from work due to the accident
- (00) No working days lost
- (61) 61 days or more
- (62) Fatally injured
- (97) Not working prior to accident
- (99) Unknown

STOP WORK HERE

VARIABLES 66-74

TO BE CODED BY THE ZONE CENTER

TO BE CODED BY THE ZONE CENTER**INJURY CONSEQUENCES****TRAUMA DATA**66. Time to Death 01

Code number of hours from time of accident to time of death up through 24 hours. If time of death is greater than 24 hours, code number of days. (Note: 1 day = 31, 2 days = 32, ... n days = 30 + n up through 30 days = 60)

- (00) Not fatal
(96) Fatal - ruled disease
(99) Unknown

67. 1st Medically Reported Cause of Death 9968. 2nd Medically Reported Cause of Death 0069. 3rd Medically Reported Cause of Death 00

Code the Occupant Injury from line number(s) for the medically reported injury(s) which reportedly contributed to this occupant's death

- (00) Not fatal or no additional causes
(96) Mode of death given but specific injuries are not linked to cause of death. (specify):

(97) Other result (includes fatal ruled disease) (specify):

(99) Unknown

70. Number of Recorded Injuries for This Occupant 01

Code the actual number of injuries recorded for this occupant.

- (00) No recorded injuries
(97) Injured, details unknown
(99) Unknown if injured

71. Glasgow Coma Scale (GCS) Score (at Medical Facility) 01

- (00) Not injured
(01) Injured - not treated at medical facility
(02) No GCS Score at medical facility
(03-15) Code the actual value of the initial GCS Score recorded at medical facility.
(97) Injured, details unknown
(99) Unknown if injured

72. Was the Occupant Given Blood? 1

(1) No - blood not given

(2) Yes - blood given

(specify units):

(9) Unknown if blood given

73. Arterial Blood Gases (ABG) - HCO₃ 01

(00) Not injured

(01) Injured, ABGs not measured or reported

(02-50) Code the actual value of the HCO₃

(96) ABGs reported, HCO₃ unknown

(97) Injured, details unknown

(99) Unknown if injured

BELT USE DETERMINATION74. Primary Source of Belt Use Determination 1

(0) Not equipped/not available/destroyed or rendered inoperative

(1) Vehicle inspection

(2) Official injury data

(3) Driver/occupant interview

(8) Other (specify):

(9) Unknown if belt used



OCCUPANT INJURY FORM

1. Primary Sampling Unit Number <u>45</u>	3. Vehicle Number <u>01</u>
2. Case Number - Stratum <u>276B</u>	4. Occupant Number <u>01</u>

INJURY DATA

Record below the actual injuries sustained by this occupant that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than ten injuries have been documented, encode the balance on the Occupant Injury Supplement.

	Source of Injury Data	A.I.S. - 90						Injury Source	Injury Source Confidence Level	Direct/Indirect Injury	Occupant Area Intrusion Number
		Body Region	Type of Anatomic Structure	Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect				
<i>Head Injury</i>	1st 5. <u>7</u>	6. <u>1</u>	7. <u>1</u>	8. <u>50</u>	9. <u>99</u>	10. <u>7</u>	11. <u>0</u>	12. <u>205</u>	13. <u>2</u>	14. <u>1</u>	15. <u>05</u>
2nd	16. ___	17. ___	18. ___	19. ___	20. ___	21. ___	22. ___	23. ___	24. ___	25. ___	26. ___
3rd	27. ___	28. ___	29. ___	30. ___	31. ___	32. ___	33. ___	34. ___	35. ___	36. ___	37. ___
4th	38. ___	39. ___	40. ___	41. ___	42. ___	43. ___	44. ___	45. ___	46. ___	47. ___	48. ___
5th	49. ___	50. ___	51. ___	52. ___	53. ___	54. ___	55. ___	56. ___	57. ___	58. ___	59. ___
6th	60. ___	61. ___	62. ___	63. ___	64. ___	65. ___	66. ___	67. ___	68. ___	69. ___	70. ___
7th	71. ___	72. ___	73. ___	74. ___	75. ___	76. ___	77. ___	78. ___	79. ___	80. ___	81. ___
8th	82. ___	83. ___	84. ___	85. ___	86. ___	87. ___	88. ___	89. ___	90. ___	91. ___	92. ___
9th	93. ___	94. ___	95. ___	96. ___	97. ___	98. ___	99. ___	100. ___	101. ___	102. ___	103. ___
10th	104. ___	105. ___	106. ___	107. ___	108. ___	109. ___	110. ___	111. ___	112. ___	113. ___	114. ___

INJURY SOURCES

FRONT

- (001) Windshield
- (002) Mirror
- (003) Sunvisor
- (004) Steering wheel rim
- (005) Steering wheel hub/spoke
- (006) Steering wheel (combination of codes 004 and 005)
- (007) Steering column, transmission selector lever, other attachment
- (008) Cellular telephone or CB radio
- (009) Add on equipment (e.g., tape deck, air conditioner)
- (010) Left instrument panel and below
- (011) Center instrument panel and below
- (012) Right instrument panel and below
- (013) Glove compartment door
- (014) Knee bolster
- (015) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, mirror, or steering assembly (driver side only)
- (016) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only)
- (017) Windshield reinforced by exterior object (specify): _____
- (019) Other front object (specify): _____

LEFT SIDE

- (051) Left side interior surface, excluding hardware or armrests
- (052) Left side hardware or armrest
- (053) Left A (A1/A2)-pillar
- (054) Left B-pillar
- (055) Other left pillar (specify): _____
- (056) Left side window glass
- (057) Left side window frame
- (058) Left side window sill
- (059) Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail.
- (060) Other left side object (specify): _____

RIGHT SIDE

- (101) Right side interior surface, excluding hardware or armrests

- (102) Right side hardware or armrest
- (103) Right A (A1/A2)-pillar
- (104) Right B-pillar
- (105) Other right pillar (specify): _____
- (106) Right side window glass
- (107) Right side window frame
- (108) Right side window sill
- (109) Right side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail.
- (110) Other right side object (specify): _____

INTERIOR

- (151) Seat, back support
- (152) Belt restraint webbing/buckle
- (153) Belt restraint B-pillar or door frame attachment point
- (154) Other restraint system component (specify): _____
- (155) Head restraint system
- (160) Other occupants (specify): _____
- (161) Interior loose objects
- (162) Child safety seat (specify): _____
- (163) Other interior object (specify): _____

AIR BAG

- (170) Air bag-driver side
- (171) Air bag-driver side and eyewear
- (172) Air bag-driver side and jewelry
- (173) Air bag-driver side and object held
- (174) Air bag-driver side and object in mouth
- (175) Air bag compartment cover-driver side
- (176) Air bag compartment cover-driver side and eyewear
- (177) Air bag compartment cover-driver side and jewelry
- (178) Air bag compartment cover-driver side and object held
- (179) Air bag compartment cover-driver side and object in mouth
- (180) Air bag-passenger side
- (181) Air bag-passenger side and eyewear
- (182) Air bag-passenger side and jewelry

- (183) Air bag-passenger side and object held
- (184) Air bag-passenger side and object in mouth
- (185) Air bag compartment cover-passenger side
- (186) Air bag compartment cover-passenger side and eyewear
- (187) Air bag compartment cover-passenger side and jewelry
- (188) Air bag compartment cover-passenger side and object held
- (189) Air bag compartment cover-passenger side and object in mouth
- (190) Other air bag (specify): _____
- (195) Other air bag compartment cover (specify): _____

ROOF

- (201) Front header
- (202) Rear header
- (203) Roof left side rail
- (204) Roof right side rail
- (205) Roof or convertible top

FLOOR

- (251) Floor (including toe pan)
- (252) Floor or console mounted transmission lever, including console
- (253) Parking brake handle
- (254) Foot controls including parking brake

REAR

- (301) Backlight (rear window)
- (302) Backlight storage rack, door, etc.
- (303) Other rear object (specify): _____

ADAPTIVE (ASSISTIVE) DRIVING EQUIPMENT

- (401) Hand controls for braking/acceleration
- (402) Steering control devices (attached to OEM steering wheel)
- (403) Steering knob attached to steering wheel
- (405) Replacement steering wheel (i.e., reduced diameter)
- (406) Joy stick steering controls
- (407) Wheelchair tie-downs
- (408) Modification to seat belts, (specify): _____
- (409) Additional or relocated switches, (specify): _____
- (410) Raised roof

- (411) Wall mounted head rest (used behind wheel chair)
- (412) Other adaptive device (specify): _____

EXTERIOR of OCCUPANT'S VEHICLE

- (451) Hood
- (452) Outside hardware (e.g., outside mirror, antenna)
- (453) Other exterior surface or tires (specify): _____
- (454) Unknown exterior objects

EXTERIOR OF OTHER MOTOR VEHICLE

- (501) Front bumper
- (502) Hood edge
- (503) Other front of vehicle (specify): _____
- (504) Hood
- (505) Hood ornament
- (506) Windshield, roof rail, A-pillar
- (507) Side surface
- (508) Side mirrors
- (509) Other side protrusions (specify): _____
- (510) Rear surface
- (511) Undercarriage
- (512) Tires and wheels
- (513) Other exterior of other motor vehicle (specify): _____
- (514) Unknown exterior of other motor vehicle

OTHER VEHICLE OR OBJECT IN THE ENVIRONMENT

- (551) Ground
- (598) Other vehicle or object (specify): _____
- (599) Unknown vehicle or object

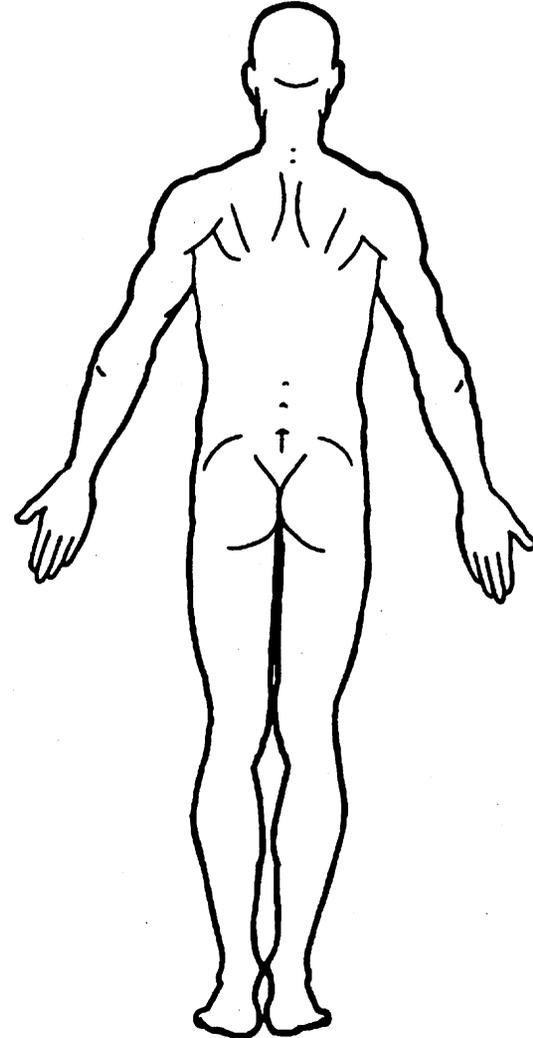
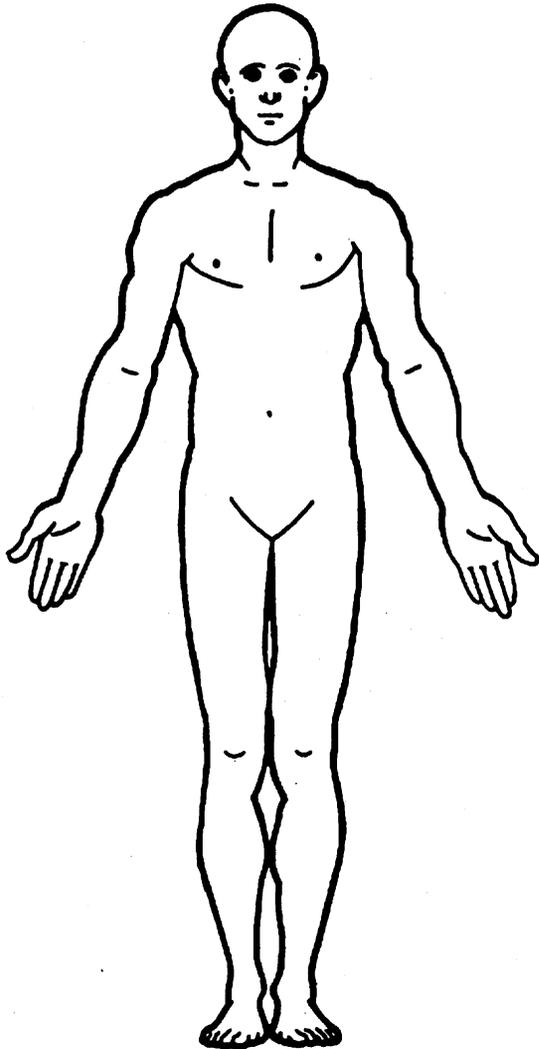
NONCONTACT INJURY

- (601) Fire in vehicle
- (602) Flying glass
- (603) Other noncontact injury source (specify): _____
- (604) Air bag exhaust gases
- (697) Injured, unknown source

OFFICIAL INJURY DATA — SOFT TISSUE INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

DEATH CERTIFICATE: CAUSE OF DEATH:
MULTIPLE BLUNT FORCE INJURIES



OFFICIAL INJURY DATA — SKELETAL INJURIES

Restrained?

No

Yes

Blood Alcohol
Level (mg/dl)

BAL = ____

Glasgow Coma
Scale Score

GCSS = ____

Units of Blood
Given

Units = ____

Arterial Blood
Gases

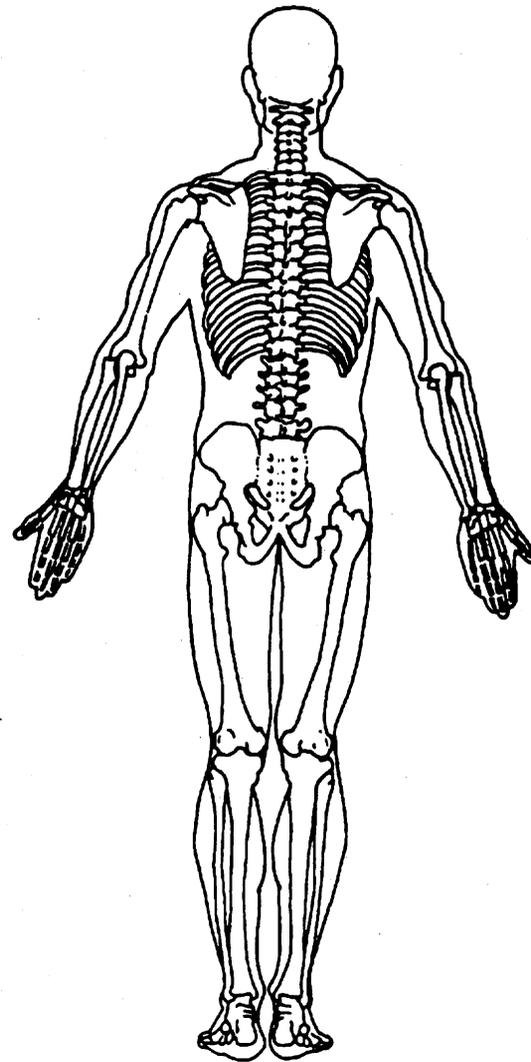
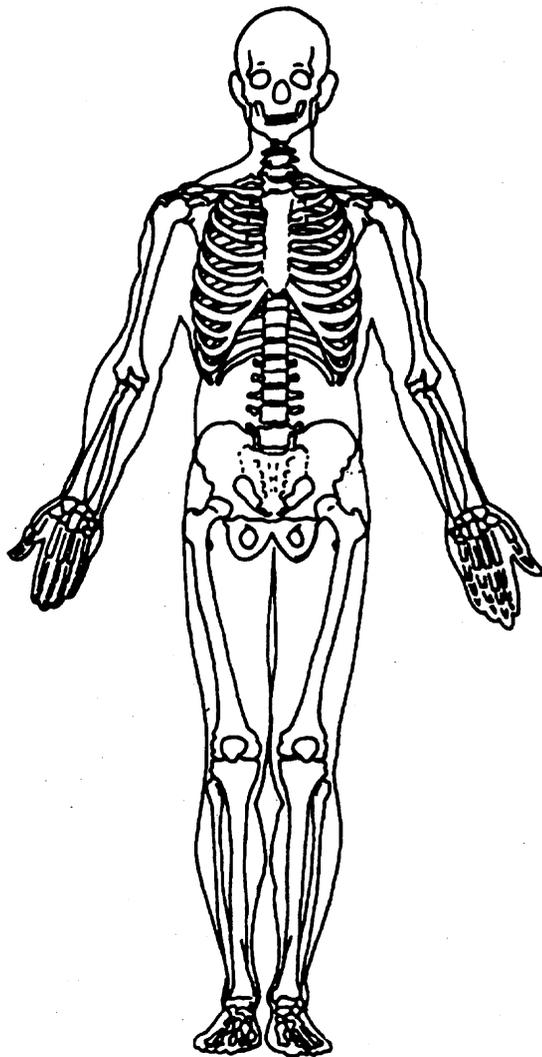
pH = ____

PO₂ = ____

PCO₂ ____

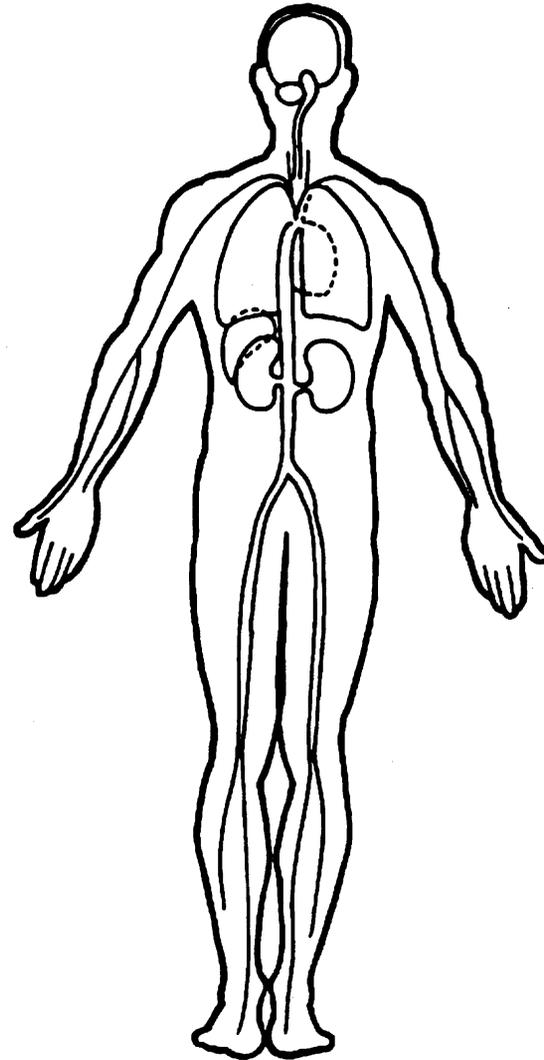
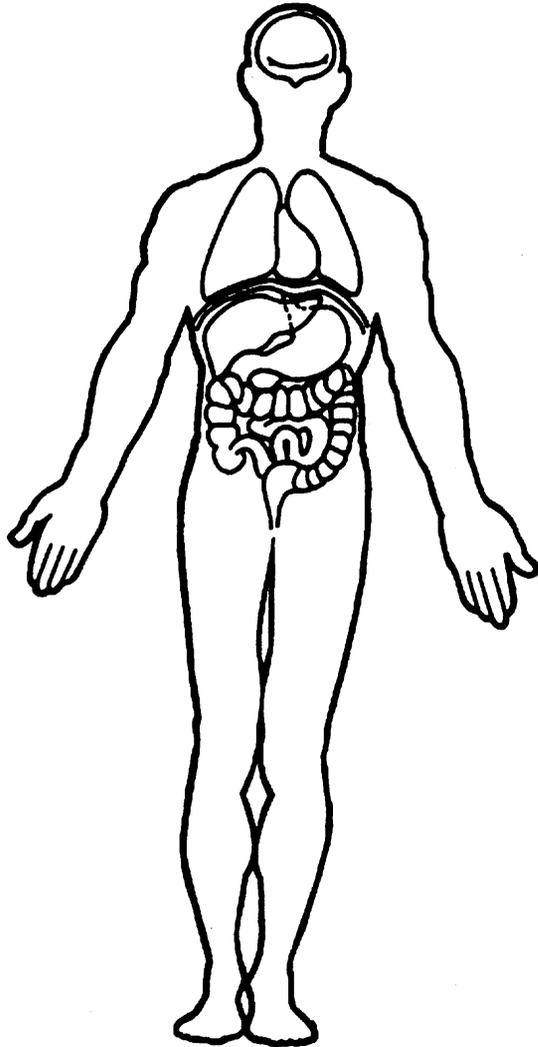
HCO₃ ____

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)



OFFICIAL INJURY DATA – INTERNAL INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)





UPDATE FORM

1. Primary Sampling Unit Number 45

2. Case Number — Stratum 276B

3. Vehicle Number 01

4. Occupant Number 01

SECRET 

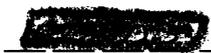
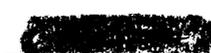
Driver or Occupant Name: 

Address: _____

Other Information: _____

(Sanitize this section prior to Update submission.)

STATUS OF OCCUPANT INFORMATION

	INITIAL SUBMISSION	UPDATED INFORMATION
OAL08. Date Official Medical Data Requested		<u>95</u>
OAL09. Date Official Medical Data Obtained		<u>96</u>
OAL16. Injury Treatment Status	<u>2</u>	<u>2</u>
OAL17. Injury Information		
<u>Official</u>		
a. Autopsy (invasive examination)	<u>B</u>	_____
b. Post-ER medical record which includes information about death based on non-invasive examination	 <u>B 08</u>	<u>111</u>
c. Admission record/summary or admission/discharge face sheet	<u>B</u>	_____
d. Discharge summary	<u>B</u>	_____
e. Operative report	<u>B</u>	_____
f. Radiographic record(s) (X-ray, CT scan)	<u>B</u>	_____
g. History and physical examination and/or consultation records	<u>B</u>	_____
h. Emergency room records (includes nurses' notes)	<u>B 08</u>	<u>008</u>
j. Private physician	<u>B</u>	_____
<u>Unofficial</u>		
k. Lay coroner	<u>B</u>	_____
l. EMS record	<u>B</u>	_____
m. Interviewee	<u>B 11</u>	<u>111</u>
n. Other source (specify):	<u>B</u>	<u>B</u>
o. Police report	<u>B</u>	<u>B</u>

	INITIAL SUBMISSION	UPDATED INFORMATION
OAL18. Medical Facility Code	<u>01</u>	<u>01</u>
GV14. Alcohol Test Results For Driver	<u>97</u>	<u>97</u>
GV16. Other Drug Specimen Test Type For Driver	<u>3</u>	<u>3</u>
OA05. Occupant's Age	<u>39</u>	<u>39</u>
OA06. Occupant's Sex	<u>1</u>	<u>1</u>
OA07. Occupant's Height	<u>157</u>	<u>157</u>
OA08. Occupant's Weight	<u>082</u>	<u>082</u>
OA61. Treatment-Mortality	<u>1</u>	<u>1</u>
OA62. Type of Medical Facility (for Initial Treatment)	<u>1</u>	<u>1</u>
OA63. Hospital Stay	<u>00</u>	<u>00</u>



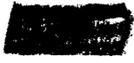
UPDATE FORM

1. Primary Sampling Unit Number 45

2. Case Number — Stratum 276B

3. Vehicle Number 01

4. Occupant Number 01



Driver or Occupant Name: 

Address: _____

Other Information: _____

(Sanitize this section prior to Update submission.)

STATUS OF OCCUPANT INFORMATION

	INITIAL SUBMISSION	UPDATED INFORMATION
OAL08. Date Official Medical Data Requested		<u>95</u>
OAL09. Date Official Medical Data Obtained		<u>96</u> <u>196</u>
OAL16. Injury Treatment Status	<u>2</u>	<u>2</u>
OAL17. Injury Information		
<u>Official</u>		
a. Autopsy (invasive examination)	<u>B</u> _____	_____
b. Post-ER medical record which includes information about death based on non-invasive examination	<u>B</u> <u>11</u>	<u>111</u>
c. Admission record/summary or admission/discharge face sheet	<u>B</u> _____	_____
d. Discharge summary	<u>B</u> _____	_____
e. Operative report	<u>B</u> _____	_____
f. Radiographic record(s) (X-ray, CT scan)	<u>B</u> _____	_____
g. History and physical examination and/or consultation records	<u>B</u> _____	_____
h. Emergency room records (includes nurses' notes)	<u>B</u> <u>08</u>	<u>111</u>
j. Private physician	<u>B</u> _____	_____
<u>Unofficial</u>		
k. Lay coroner	<u>B</u> _____	_____
l. EMS record	<u>B</u> _____	_____
m. Interviewee	<u>B</u> <u>11</u>	<u>111</u>
n. Other source (specify):	<u>B</u> _____	<u>B</u> _____
o. Police report	<u>B</u> _____	<u>B</u> _____

	INITIAL SUBMISSION	UPDATED INFORMATION
OAL18. Medical Facility Code	<u>01</u>	<u>01</u>
GV14. Alcohol Test Results For Driver	<u>97</u>	<u>97</u>
GV16. Other Drug Specimen Test Type For Driver	<u>3</u>	<u>3</u>
OA05. Occupant's Age	<u>39</u>	<u>39</u>
OA06. Occupant's Sex	<u>1</u>	<u>1</u>
OA07. Occupant's Height	<u>157</u>	<u>157</u>
OA08. Occupant's Weight	<u>082</u>	<u>082</u>
OA61. Treatment-Mortality	<u>1</u>	<u>1</u>
OA62. Type of Medical Facility (for Initial Treatment)	<u>1</u>	<u>1</u>
OA63. Hospital Stay	<u>00</u>	<u>00</u>

OCCUPANT ASSESSMENT FORM

OCCUPANT'S SEATING

- 1. Primary Sampling Unit Number 45
- 2. Case Number - Stratum 276 B
- 3. Vehicle Number 01
- 4. Occupant Number 02

- 10. Occupant's Seat Position 13
Front Seat
 - (11) Left side
 - (12) Middle
 - (13) Right side
 - (14) Other (specify): _____
 - (15) On or in the lap of another occupant

OCCUPANT'S CHARACTERISTICS

- 5. Occupant's Age 54
Code actual age at time of accident.
(00) Less than one year old (specify by month): _____

(97) 97 years and older
(99) Unknown

- Second Seat*
 - (21) Left side
 - (22) Middle
 - (23) Right side
 - (24) Other (specify): _____
 - (25) On or in the lap of another occupant

- 6. Occupant's Sex 1
 - (1) Male
 - (2) Female-not reported pregnant
 - (3) Female-pregnant-1st trimester(1st-3rd month)
 - (4) Female-pregnant-2nd trimester(4th-6th month)
 - (5) Female-pregnant-3rd trimester(7th-9th month)
 - (6) Female-pregnant-term unknown
 - (9) Unknown

- Third Seat*
 - (31) Left side
 - (32) Middle
 - (33) Right side
 - (34) Other (specify): _____
 - (35) On or in the lap of another occupant

- 7. Occupant's Height 191
Code actual height to the nearest
centimeter.
(999) Unknown

75 inches X 2.54 = 191 centimeters

- Fourth Seat*
 - (41) Left side
 - (42) Middle
 - (43) Right side
 - (44) Other (specify): _____
 - (45) On or in the lap of another occupant
- (97) In or on unenclosed area
- (98) Other seat (specify): _____
- (99) Unknown

- 8. Occupant's Weight 075
Code actual weight to the nearest
kilogram.
(999)Unknown

165 pounds X .4536 = 075 kilograms

- 11. Occupant's Posture 0
 - (0) Normal posture

- 9. Occupant's Role 2
 - (1) Driver
 - (2) Passenger
 - (9) Unknown

- Abnormal posture*
 - (1) Kneeling or standing on seat
 - (2) Lying on or across seat
 - (3) Kneeling, standing or sitting in front of seat
 - (4) Sitting sideways or turned to talk with another occupant or to look out a rear window
 - (5) Sitting on a console
 - (6) Lying back in a reclined seat position
 - (7) Bracing with feet or hands on a surface in front of seat
 - (8) Other abnormal posture (specify): _____
 - (9) Unknown

EJECTION/ENTRAPMENT12. Ejection 0

- (0) No ejection
- (1) Complete ejection
- (2) Partial ejection
- (3) Ejection, unknown degree
- (9) Unknown

13. Ejection Area 0

- (0) No ejection
- (1) Windshield
- (2) Left front
- (3) Right front
- (4) Left rear
- (5) Right rear
- (6) Rear
- (7) Roof
- (8) Other area (e.g., back of pickup, etc.)
(specify): _____
- (9) Unknown

14. Ejection Medium 0

- (0) No ejection
- (1) Door/hatch/tailgate
- (2) Nonfixed roof structure
- (3) Fixed glazing
- (4) Nonfixed glazing (specify):

- (5) Integral structure
- (8) Other medium (specify):

- (9) Unknown

15. Medium Status (Immediately Prior To Impact) 0

- (0) No ejection
- (1) Open
- (2) Closed
- (3) Integral structure
- (9) Unknown

16. Entrapment 0

- (0) Not entrapped/exit not inhibited
- (1) Entrapped/pinned - mechanically restrained
- (2) Could not exit vehicle due to jammed doors, fire, etc.
(specify): _____
- (9) Unknown

17. Occupant Mobility 2

- (0) Occupant fatal before removed from vehicle
- (1) Removed from vehicle while unconscious or disoriented
- (2) Removed from vehicle due to injuries
- (3) Exited vehicle with some assistance
- (4) Exited vehicle under own power
- (5) Occupant fully ejected
- (9) Unknown

BELT SYSTEM FUNCTION

18. Manual (Active) Belt System Availability 4
- (0) None available
 (1) Belt removed/destroyed
 (2) Shoulder belt
 (3) Lap belt
 (4) Lap and shoulder belt
 (5) Belt available—type unknown
- Integral Belt Partially Destroyed*
 (6) Shoulder belt (lap belt destroyed/removed)
 (7) Lap belt (shoulder belt destroyed/removed)
 (8) Other belt (specify): _____
- (9) Unknown
19. Manual (Active) Belt System Use 00
- (00) None used, not available, or belt removed/destroyed
 (01) Inoperative (specify): _____
- (02) Shoulder belt
 (03) Lap belt
 (04) Lap and shoulder belt
 (05) Belt used—type unknown
 (08) Other belt used (specify): _____
- (12) Shoulder belt used with child safety seat
 (13) Lap belt used with child safety seat
 (14) Lap and shoulder belt used with child safety seat
 (15) Belt used with child safety seat—type unknown
 (18) Other belt used with child safety seat (specify): _____
- (99) Unknown if belt used
20. Proper Use of Manual (Active) Belts 0
- (0) None used or not available
 (1) Belt used properly
 (2) Belt used properly with child safety seat
- Belt Used Improperly*
 (3) Shoulder belt worn under arm
 (4) Shoulder belt worn behind back or seat
 (5) Belt worn around more than one person
 (6) Lap belt worn on abdomen
 (7) Lap belt or lap and shoulder belt used improperly with child safety seat (specify): _____
- (8) Other improper use of manual belt system (specify): _____
- (9) Unknown
21. Manual (Active) Belt Failure Modes During Accident 0
- (0) No manual belt used or not available
 (1) No manual belt failure(s)
 (2) Torn webbing (stretched webbing not included)
 (3) Broken buckle or latchplate
 (4) Upper anchorage separated
 (5) Other anchorage separated (specify): _____
- (6) Broken retractor
 (7) Combination of above (specify): _____
- (8) Other manual belt failure (specify): _____
- (9) Unknown
22. Shoulder Belt Upper Anchorage Adjustment 1
- (0) No shoulder belt
 (1) No upper anchorage adjustment for shoulder belt
- Adjustable shoulder Belt Upper Anchorage*
 (2) In full up position
 (3) In mid position
 (4) In full down position
 (5) Position unknown
 (9) Unknown if position has adjustable upper anchorage adjustment
23. Automatic (Passive) Belt System Availability/Function 0
- (0) Not equipped/not available
 (1) 2 point automatic belts
 (2) 3 point automatic belts
 (3) Automatic belts - type unknown
- Non-functional*
 (4) Automatic belts destroyed or rendered inoperative
 (9) Unknown
24. Automatic (Passive) Belt System Use 0
- (0) Not equipped/not available/destroyed or rendered inoperative
 (1) Automatic belt in use
 (2) Automatic belt not in use (manually disconnected, motorized track inoperative) (specify): _____
- (3) Automatic belt use unknown
 (9) Unknown
25. Automatic (Passive) Belt System Type 0
- (0) Not equipped/not available
 (1) Non-motorized system
 (2) Motorized system
 (9) Unknown
26. Proper Use of Automatic (Passive) Belt System 0
- (0) Not equipped/not available/not used
 (1) Automatic belt used properly
 (2) Automatic belt used properly with child safety seat
- Automatic Belt Used Improperly*
 (3) Automatic shoulder belt worn under arm
 (4) Automatic shoulder belt worn behind back
 (5) Automatic belt worn around more than one person
 (6) Lap portion of automatic belt worn on abdomen
 (7) Automatic lap and shoulder belt or automatic shoulder belt used improperly with child safety seat (specify): _____
- (8) Other improper use of automatic belt system (specify): _____
- (9) Unknown
27. Automatic (Passive) Belt Failure Modes During Accident 0
- (0) Not equipped/not available/not in use
 (1) No automatic belt failure(s)
 (2) Torn webbing (stretched webbing not included)
 (3) Broken buckle or latchplate
 (4) Upper anchorage separated
 (5) Other anchorage separated (specify): _____
- (6) Broken retractor
 (7) Combination of above (specify): _____
- (8) Other automatic belt failure (specify): _____
- (9) Unknown

POLICE REPORTED RESTRAINT USE	AIR BAG SYSTEM FUNCTION
<p>28. Police Reported Belt Use 0</p> <p>(0) None used (1) Police did not indicate belt use (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt used, type not specified (6) Child safety seat (7) Automatic belt (8) Other type belt, (specify): _____ (9) Police indicated "unknown"</p> <p>29. Police Reported Air Bag Availability/Function 0</p> <p>(0) No air bag available (1) Police did not indicate air bag availability/function (2) Deployed (3) Not deployed (4) Unknown if deployed (9) Police indicated "unknown"</p> <hr/> <p>Check the Primary Source Used In Determining Belt Use.</p> <p><input type="checkbox"/> Not equipped/not available/destroyed or rendered inoperative <input type="checkbox"/> Vehicle inspection <input type="checkbox"/> Official injury data <input checked="" type="checkbox"/> Driver/occupant interview <input type="checkbox"/> Other (specify): _____ <input type="checkbox"/> Unknown if belt used</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>30. Frontal Air Bag System Availability/Function (This Occupant Position) 0</p> <p>(0) Not equipped/not available (1) Air bag</p> <p><i>Non-functional</i> (2) Air bag disconnected (specify): _____ (3) Air bag not reinstalled (9) Unknown</p> <p>31. Frontal Air Bag System Deployment (This Occupant Position) 0</p> <p>(0) Not equipped/not available (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown</p> <p>32. Other Than First Seat Frontal Air Bag Availability/Function (This Occupant Position) 0</p> <p>(0) Not equipped/not available (1) Air bag</p> <p><i>Non-functional</i> (2) Air bag disconnected (specify): _____ (3) Air bag not reinstalled (9) Unknown <i>Specify type of "other" air bag present:</i> _____</p> <p>33. Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position) 0</p> <p>(0) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown</p> <p>34. Are There Indications of Air Bag System Failure? (This Occupant Position) 0</p> <p>(0) Not equipped/not available (1) No (2) Yes (specify): _____ (9) Unknown</p>

FIRST SEAT FRONTAL AIR BAG SYSTEM EVALUATION

35. Had Vehicle Been in Previous Accident(s)? 0
 (0) Not equipped/not available
 (1) No previous accidents
 Yes
 (2) Previous accident(s) without deployment(s)
 (3) One previous accident with deployment
 (4) More than one previous accident with at least one deployment
 (8) Previous accidents, unknown deployment status
 (9) Unknown
36. Type of Air Bag 0
 (0) Not equipped/not available
 (1) Original manufacturer installed system
 (2) Retrofitted air bag
 (3) Replacement air bag
 (8) Unknown type of air bag
 (9) Unknown
37. Had Any Prior Maintenance/Service Been Performed On This Air Bag System? 0
 (0) Not equipped/not available
 (1) No prior maintenance
 (2) Yes, prior maintenance (specify): _____
 (9) Unknown
38. Air Bag Deployment Accident Event Sequence Number 00
 (00) Not equipped/not available
 _____ Code the accident event sequence number that initiated the air bag deployment
 (96) Deployed, unknown event
 (97) Not deployed
 (98) Unknown if deployed
 (99) Unknown
39. CDC For Air Bag Deployment Impact 0
 (0) Not equipped/not available
 (1) Highest delta V
 (2) Second highest delta V
 (3) Other non-coded delta V (specify): _____
 (6) Deployed, unknown event
 (7) Not deployed
 (8) Unknown if deployed
 (9) Unknown
40. Longitudinal Component of Delta V For Air Bag Deployment Impact + 000
 - 000
 (_000) Not equipped/not available
Code the value of the delta V for the impact that initiated the air bag deployment
 (_996) Deployment, unknown longitudinal Delta V
 (_997) Not deployed
 (_998) Unknown if deployed
 (_999) Unknown
41. Did Air Bag Module Cover Flap(s) Open At Designated Tear Points? 0
 (0) Not equipped/not available
 (1) No
 (2) Yes
 (3) Deployed, unknown if flap(s) opened at designated tear points
 (7) Not deployed
 (8) Unknown if deployed
 (9) Unknown
42. Were Air Bag Module Cover Flap(s) Damaged? 0
 (0) Not equipped/not available
 (1) No
 (2) Yes (specify): _____
 (3) Deployed, unknown if air bag module cover flap(s) damaged
 (7) Not deployed
 (8) Unknown if deployed
 (9) Unknown
43. Was There Damage To The Air Bag? 00
 (00) Not equipped/not available
 (01) Not damaged
 Yes - Air Bag Damage
 (02) Ruptured
 (03) Cut
 (04) Torn
 (05) Holed
 (06) Burned
 (07) Abraded
 (88) Other damage (specify): _____
 (95) Damaged, details unknown
 (96) Deployed, unknown if damaged
 (97) Not deployed
 (98) Unknown if deployed
 (99) Unknown

**FIRST SEAT FRONTAL AIR BAG SYSTEM
EVALUATION** *continued*

44. Source of Air Bag Damage 00
 (00) Not equipped/not available
 (01) Not damaged
 (02) Object worn by occupant, (specify):

 (03) Object carried by occupant, (specify):

 (04) Adaptive/assistive controls, (specify):

 (05) Fire in vehicle
 (06) Thermal burns
 (07) Rescue or emergency efforts
 (88) Other damage source (specify):

 (95) Damaged, unknown source
 (96) Deployed, unknown if damaged
 (97) Not deployed
 (98) Unknown if deployed
 (99) Unknown
45. Was The Air Bag Tethered? 0
 (0) Not equipped/not available
 (1) No
 (2) Yes (specify number of tether straps):

 (3) Deployed, unknown if tethered
 (7) Not deployed
 (8) Unknown if deployed
 (9) Unknown
46. Did The Air Bag Have Vent Ports? 0
 (0) Not equipped/not available
 (1) No
 (2) Yes (specify number of vent ports):

 (3) Deployed, unknown if vent ports present
 (7) Not deployed
 (8) Unknown if deployed
 (9) Unknown
47. Was the Air Bag in this Occupant's Position Contacted by Another Occupant? 0
 (0) Not equipped/not available
 (1) No
 (2) Yes (specify):

 (3) Deployed, unknown if other occupant contact to air bag
 (7) Not deployed
 (8) Unknown if deployed
 (9) Unknown
48. Was This Occupant Wearing Eye-wear? 0
 (0) Not equipped/not available
 (1) No
 (2) Eyeglasses/sunglasses
 (3) Contact lenses
 (4) Deployed, unknown if eyewear worn
 (7) Not deployed
 (8) Unknown if deployed
 (9) Unknown

HEAD RESTRAINT AND SEAT EVALUATION

49. Head Restraint Type/Damage by Occupant at This Occupant Position 1
 (0) No head restraints
 (1) Integral—no damage
 (2) Integral—damaged during accident
 (3) Adjustable—no damage
 (4) Adjustable—damaged during accident
 (5) Add-on—no damage
 (6) Add-on—damaged during accident
 (8) Other (specify):

 (9) Unknown
50. Seat Type (this Occupant Position) 02
 (00) Occupant not seated or no seat
 (01) Bucket
 (02) Bucket with folding back
 (03) Bench
 (04) Bench with separate back cushions
 (05) Bench with folding back(s)
 (06) Split bench with separate back cushions
 (07) Split bench with folding back(s)
 (08) Pedestal (i.e., column supported)
 (09) Box mounted seat (i.e., van type)
 (10) Other seat type (specify):

 (99) Unknown
51. Seat Orientation (this Occupant Position) 1
 (0) Occupant not seated or no seat
 (1) Forward facing seat
 (2) Rear facing seat
 (3) Side facing seat (inward)
 (4) Side facing seat (outward)
 (8) Other (specify):

 (9) Unknown
52. Seat Track Adjusted Position Prior To Impact 5
 (0) Occupant not seated or no seat
 (1) Non-adjustable seat track

Adjustable Seat Track
 (2) Seat at forward most track position
 (3) Seat between forward most and middle track positions
 (4) Seat at middle track position
 (5) Seat between middle and rear most track positions
 (6) Seat at rear most track position
 (9) Unknown

HEAD RESTRAINT AND SEAT EVALUATION *continued*

53. Seat Back Incline Prior and Post Impact 23

- (00) Occupant not seated or no seat
- (01) Not adjustable

Upright prior to impact

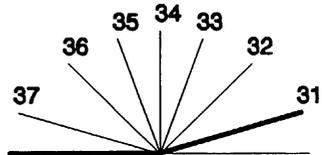
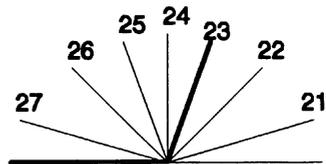
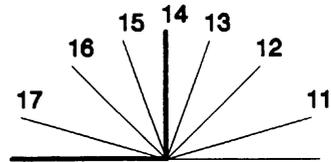
- (11) Moved to completely rearward position
- (12) Moved to rearward midrange position
- (13) Moved to slightly rearward position
- (14) Retained pre-impact position
- (15) Moved to slightly forward position
- (16) Moved to forward midrange position
- (17) Moved to completely forward position

Slightly reclined prior to impact

- (21) Moved to completely rearward position
- (22) Moved to rearward midrange position
- (23) Retained pre-impact position
- (24) Moved to upright position
- (25) Moved to slightly forward position
- (26) Moved to forward midrange position
- (27) Moved to completely forward position

Completely reclined prior to impact

- (31) Retained pre-impact position
- (32) Moved to rearward midrange position
- (33) Moved to slightly rearward position
- (34) Moved to upright position
- (35) Moved to slightly forward position
- (36) Moved to forward midrange position
- (37) Moved to completely forward position
- (99) Unknown



54. Seat Performance (this Occupant Position) 1

- (0) Occupant not seated or no seat
- (1) No seat performance failure(s)
- (2) Seat adjusters failed
- (3) Seat back folding locks or "seat back" failed (specify): _____
- (4) Seat track/anchors failed
- (5) Deformed by impact of occupant
- (6) Deformed by passenger compartment intrusion, (specify): _____
- (7) Combination of above (specify): _____
- (8) Other (specify): _____
- (9) Unknown

CHILD SAFETY SEAT

55. Child Safety Seat Make/Model 000
 (000) No child safety seat
 Applicable codes are found in your NASS CDS
 Data Collection, Coding and Editing
 (950) Built-in child safety seat
 (997) Other make/model (specify):

 (998) Unknown make/model
 (999) Unknown if child safety seat used

56. Type of Child Safety Seat 0
 (0) No child safety seat
 (1) Infant seat
 (2) Toddler seat
 (3) Convertible seat
 (4) Booster seat - with shield
 (5) Booster seat - without shield
 (7) Other type child safety seat (specify):

 (8) Unknown child safety seat type
 (9) Unknown if child safety seat used

57. Child Safety Seat Orientation 00
 (00) No child safety seat

Designed for Rear Facing for This Age/Weight

(01) Rear facing
 (02) Forward facing
 (08) Other orientation (specify):

 (09) Unknown orientation

Designed For Forward Facing for This Age/Weight

(11) Rear facing
 (12) Forward facing
 (18) Other orientation (specify):

 (19) Unknown orientation

Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight

(21) Rear facing
 (22) Forward facing
 (28) Other orientation (specify):

 (29) Unknown orientation

(99) Unknown if child safety seat used

58. Child Safety Seat Harness Usage 00

59. Child Safety Seat Shield Usage 00

60. Child Safety Seat Tether Usage 00

Note: Options below applicable to
 Variables OA58-OA60.

(00) No child safety seat

Not Designed With Harness/Shield/Tether

(01) After market harness/shield/tether
 added, not used
 (02) After market harness/shield/tether used
 (03) Child safety seat used, but no after market
 harness/shield/tether added
 (09) Unknown if harness/shield/tether
 added or used

Designed With Harness/Shield/Tether

(11) Harness/shield/tether not used
 (12) Harness/shield/tether used
 (19) Unknown if harness/shield/tether used

Unknown If Designed With Harness/Shield/Tether

(21) Harness/shield/tether not used
 (22) Harness/shield/tether used
 (29) Unknown if harness/shield/tether used

(99) Unknown if child safety seat used

INJURY CONSEQUENCES

61. Injury Severity (Police Rating) 3

- (0) O - No injury
- (1) C - Possible injury
- (2) B - Nonincapacitating injury
- (3) A - Incapacitating injury
- (4) K - Killed
- (5) U - Injury, severity unknown
- (6) Died prior to accident
- (9) Unknown

62. Treatment - Mortality 3

- (0) No treatment
- (1) Fatal
- (2) Fatal - ruled disease (specify):

Nonfatal

- (3) Hospitalization
- (4) Transported and released
- (5) Treatment at scene - nontransported
- (6) Treatment later
- (7) Treatment - other (specify):

- (8) Transported to a medical facility-unknown if treated
- (9) Unknown

63. Type Of Medical Facility (for Initial Treatment) 1

- (0) Not treated at a medical facility
- (1) Trauma center
- (2) Hospital
- (3) Medical clinic
- (4) Physician's office
- (5) Treatment later at medical facility
- (8) Other (specify):

- (9) Unknown

64. Hospital Stay 01 0/3

- (00) Not Hospitalized
- _____ Code the number of days (up through 60) that the occupant stayed in hospital.
- (61) 61 days or more
- (99) Unknown

65. Working Days Lost 97

- _____ Code the number of days (up through 60) that the occupant lost from work due to the accident
- (00) No working days lost
- (61) 61 days or more
- (62) Fatally injured
- (97) Not working prior to accident
- (99) Unknown

70%
DISABILITY

STOP WORK HERE

VARIABLES 66-74

TO BE CODED BY THE ZONE CENTER



OCCUPANT INJURY FORM

1. Primary Sampling Unit Number 45
2. Case Number - Stratum 2768

3. Vehicle Number 01
4. Occupant Number 02

INJURY DATA

Record below the actual injuries sustained by this occupant that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than ten injuries have been documented, encode the balance on the Occupant Injury Supplement.

Source of Injury Data	A.I.S. - 90						Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Occupant Area Intrusion Number	
	Body Region	Type of Anatomic Structure	Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect					
① Day 1st low	5. <u>2</u>	6. <u>2</u>	7. <u>9</u>	8. <u>06</u>	9. <u>02</u>	10. <u>1</u>	11. <u>7</u>	12. <u>015</u>	13. <u>3</u>	14. <u>1</u>	15. <u>97</u>
② Day 2nd low	16. <u>2</u>	17. <u>2</u>	18. <u>9</u>	19. <u>76</u>	20. <u>02</u>	21. <u>1</u>	22. <u>2</u>	23. <u>015</u>	24. <u>3</u>	25. <u>1</u>	26. <u>97</u>
③ Day 3rd low	27. <u>2</u>	28. <u>2</u>	29. <u>9</u>	30. <u>74</u>	31. <u>02</u>	32. <u>1</u>	33. <u>2</u>	34. <u>015</u>	35. <u>3</u>	36. <u>1</u>	37. <u>97</u>
④ Day 4th low	38. <u>3</u>	39. <u>7</u>	40. <u>9</u>	41. <u>02</u>	42. <u>02</u>	43. <u>1</u>	44. <u>3</u>	45. <u>602</u>	46. <u>3</u>	47. <u>3</u>	48. <u>00</u>
⑤ Day 5th low	49. <u>3</u>	50. <u>7</u>	51. <u>9</u>	52. <u>06</u>	53. <u>00</u>	54. <u>1</u>	55. <u>1</u>	56. <u>602</u>	57. <u>3</u>	58. <u>3</u>	59. <u>00</u>
⑥ Day 6th low	60. <u>7</u>	61. <u>7</u>	62. <u>9</u>	63. <u>06</u>	64. <u>02</u>	65. <u>1</u>	66. <u>3</u>	67. <u>602</u>	68. <u>3</u>	69. <u>3</u>	70. <u>00</u>
⑦ Day 7th low	71. <u>7</u>	72. <u>1</u>	73. <u>9</u>	74. <u>04</u>	75. <u>02</u>	76. <u>1</u>	77. <u>3</u>	78. <u>013</u>	79. <u>2</u>	80. <u>1</u>	81. <u>00</u>
8th	82. ___	83. ___	84. ___	85. ___	86. ___	87. ___	88. ___	89. ___	90. ___	91. ___	92. ___
9th	93. ___	94. ___	95. ___	96. ___	97. ___	98. ___	99. ___	100. ___	101. ___	102. ___	103. ___
10th	104. ___	105. ___	106. ___	107. ___	108. ___	109. ___	110. ___	111. ___	112. ___	113. ___	114. ___

OCCUPANT INJURY DATA

	Source of Injury Data	A.I.S. - 90					Aspect	Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Occupant Area Intrusion Number
		Body Region	Type of Anatomic Structure	Specific Anatomic Structure	Level of Injury	A.I.S. Severity					
11th	---	---	---	---	---	---	-----	---	---	---	
12th	---	---	---	---	---	---	-----	---	---	---	
13th	---	---	---	---	---	---	-----	---	---	---	
14th	---	---	---	---	---	---	-----	---	---	---	
15th	---	---	---	---	---	---	-----	---	---	---	
16th	---	---	---	---	---	---	-----	---	---	---	
17th	---	---	---	---	---	---	-----	---	---	---	
18th	---	---	---	---	---	---	-----	---	---	---	
19th	---	---	---	---	---	---	-----	---	---	---	
20th	---	---	---	---	---	---	-----	---	---	---	
21st	---	---	---	---	---	---	-----	---	---	---	
22nd	---	---	---	---	---	---	-----	---	---	---	
23rd	---	---	---	---	---	---	-----	---	---	---	
24th	---	---	---	---	---	---	-----	---	---	---	
25th	---	---	---	---	---	---	-----	---	---	---	

OCCUPANT INJURY CLASSIFICATION

Body Region	Specific Anatomic Structure	Level of Injury	Aspect
(1) Head		Specific injuries are assigned consecutive two-digit numbers beginning with 02.	(1) Right
(2) Face			(2) Left
(3) Neck			(3) Bilateral
(4) Thorax			(4) Central
(5) Abdomen			(5) Anterior
(6) Spine			(6) Posterior
(7) Upper Extremity			(7) Superior
(8) Lower Extremity			(8) Inferior
(9) Unspecified			(9) Unknown
			(0) Whole region
	<u>Vessels, Nerves, Organs.</u>	To the extent possible, within the organizational framework of the AIS, 00 is assigned to an injury NFS as to severity or where only one injury is given in the dictionary for that anatomic structure. 99 is assigned to any injury NFS as to lesion or severity.	
	<u>Bones, Joints</u> are assigned consecutive two digit numbers beginning with 02.		
	The exceptions to this rule apply to:		
	<u>Whole Area</u>		
	(02) Skin - Abrasion		
	(04) Skin - Contusion		
	(06) Skin - Laceration		
	(08) Skin - Avulsion		
	(10) Amputation		
	(20) Burn		
	(30) Crush		
	(40) Degloving		
	(50) Injury - NFS		
	(90) Trauma, other than mechanical		
	<u>Head - LOC</u>		
	(02) Length of LOC		
	(04) Level		
	(06) of		
	(08) Consciousness		
	(10) Concussion		
	<u>Spine</u>		
	(02) Cervical		
	(04) Thoracic		
	(06) Lumbar		
		Abbreviated Injury Scale	
		(1) Minor Injury	
		(2) Moderate Injury	
		(3) Serious Injury	
		(4) Severe Injury	
		(5) Critical Injury	
		(6) Maximum (untreatable)	
		(7) Injured, unknown severity	

SOURCE OF INJURY DATA

INJURY SOURCE

DIRECT/INDIRECT INJURY

OFFICIAL RECORDS

- (1) Autopsy records with or without hospital/medical records
- (2) Hospital/medical records other than emergency room (e.g., discharge summary)
- (3) Emergency room records only (including associated X-rays or other lab reports)
- (4) Private physician, walk-in or emergency clinic

UNOFFICIAL RECORDS

- (5) Lay coroner report
- (6) E.M.S. personnel
- (7) Interviewee
- (8) Other source (specify): _____
- (9) Police

CONFIDENCE LEVEL

- (1) Certain
- (2) Probable
- (3) Possible
- (9) Unknown

- (1) Direct contact injury
- (2) Indirect contact injury
- (3) Noncontact injury
- (7) Injured, unknown source

INJURY SOURCES

FRONT

- (001) Windshield
- (002) Mirror
- (003) Sunvisor
- (004) Steering wheel rim
- (005) Steering wheel hub/spoke
- (006) Steering wheel (combination of codes 004 and 005)
- (007) Steering column, transmission selector lever, other attachment
- (008) Cellular telephone or CB radio
- (009) Add on equipment (e.g., tape deck, air conditioner)
- (010) Left instrument panel and below
- (011) Center instrument panel and below
- (012) Right instrument panel and below
- (013) Glove compartment door
- (014) Knee bolster
- (015) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, mirror, or steering assembly (driver side only)
- (016) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only)
- (017) Windshield reinforced by exterior object (specify):

(019) Other front object (specify):

LEFT SIDE

- (051) Left side interior surface, excluding hardware or armrests
- (052) Left side hardware or armrest
- (053) Left A (A1/A2)-pillar
- (054) Left B-pillar
- (055) Other left pillar (specify):
- (056) Left side window glass
- (057) Left side window frame
- (058) Left side window sill
- (059) Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail.
- (060) Other left side object (specify):

RIGHT SIDE

- (101) Right side interior surface, excluding hardware or armrests

- (102) Right side hardware or armrest
- (103) Right A (A1/A2)-pillar
- (104) Right B-pillar
- (105) Other right pillar (specify):
- (106) Right side window glass
- (107) Right side window frame
- (108) Right side window sill
- (109) Right side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail.
- (110) Other right side object (specify):

INTERIOR

- (151) Seat, back support
- (152) Belt restraint webbing/buckle
- (153) Belt restraint B-pillar or door frame attachment point
- (154) Other restraint system component (specify):
- (155) Head restraint system
- (160) Other occupants (specify):
- (161) Interior loose objects
- (162) Child safety seat (specify):
- (163) Other interior object (specify):

AIR BAG

- (170) Air bag-driver side
- (171) Air bag-driver side and eyewear
- (172) Air bag-driver side and jewelry
- (173) Air bag-driver side and object held
- (174) Air bag-driver side and object in mouth
- (175) Air bag compartment cover-driver side
- (176) Air bag compartment cover-driver side and eyewear
- (177) Air bag compartment cover-driver side and jewelry
- (178) Air bag compartment cover-driver side and object held
- (179) Air bag compartment cover-driver side and object in mouth
- (180) Air bag-passenger side
- (181) Air bag-passenger side and eyewear
- (182) Air bag-passenger side and jewelry

- (183) Air bag-passenger side and object held
- (184) Air bag-passenger side and object in mouth
- (185) Air bag compartment cover-passenger side
- (186) Air bag compartment cover-passenger side and eyewear
- (187) Air bag compartment cover-passenger side and jewelry
- (188) Air bag compartment cover-passenger side and object held
- (189) Air bag compartment cover-passenger side and object in mouth
- (190) Other air bag (specify)
- (195) Other air bag compartment cover (specify)

ROOF

- (201) Front header
- (202) Rear header
- (203) Roof left side rail
- (204) Roof right side rail
- (205) Roof or convertible top

FLOOR

- (251) Floor (including toe pan)
- (252) Floor or console mounted transmission lever, including console
- (253) Parking brake handle
- (254) Foot controls including parking brake

REAR

- (301) Backlight (rear window)
- (302) Backlight storage rack, door, etc.
- (303) Other rear object (specify):

ADAPTIVE (ASSISTIVE) DRIVING EQUIPMENT

- (401) Hand controls for braking/acceleration
- (402) Steering control devices (attached to OEM steering wheel)
- (403) Steering knob attached to steering wheel
- (405) Replacement steering wheel (i.e., reduced diameter)
- (406) Joy stick steering controls
- (407) Wheelchair tie-downs
- (408) Modification to seat belts, (specify):
- (409) Additional or relocated switches, (specify):
- (410) Raised roof

- (411) Wall mounted head rest (used behind wheel chair)
- (412) Other adaptive device (specify):

EXTERIOR of OCCUPANT'S VEHICLE

- (451) Hood
- (452) Outside hardware (e.g., outside mirror, antenna)
- (453) Other exterior surface or tires (specify):
- (454) Unknown exterior objects

EXTERIOR OF OTHER MOTOR VEHICLE

- (501) Front bumper
- (502) Hood edge
- (503) Other front of vehicle (specify):
- (504) Hood
- (505) Hood ornament
- (506) Windshield, roof rail, A-pillar
- (507) Side surface
- (508) Side mirrors
- (509) Other side protrusions (specify):
- (510) Rear surface
- (511) Undercarriage
- (512) Tires and wheels
- (513) Other exterior of other motor vehicle (specify):
- (514) Unknown exterior of other motor vehicle

OTHER VEHICLE OR OBJECT IN THE ENVIRONMENT

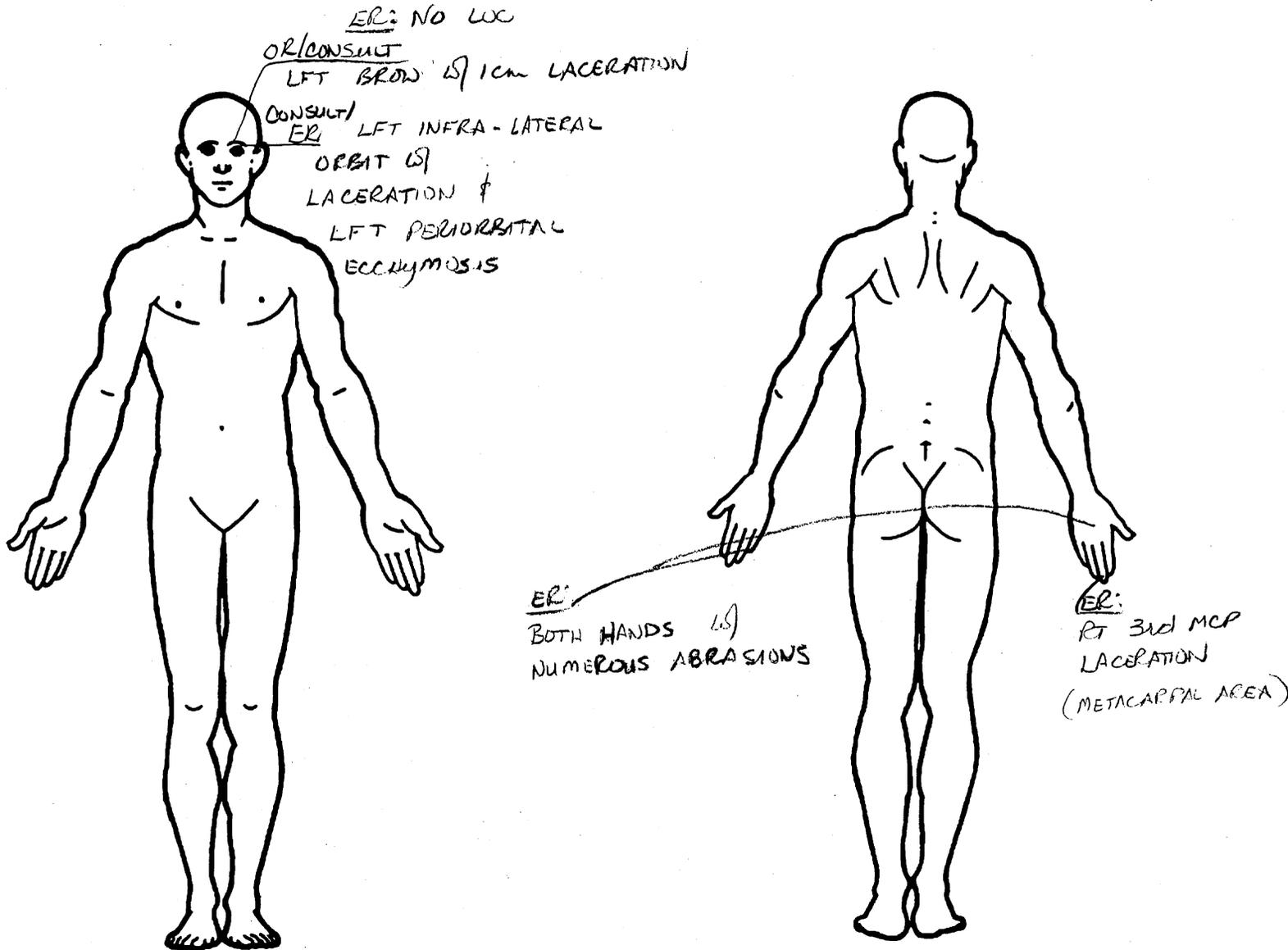
- (551) Ground
- (598) Other vehicle or object (specify):
- (599) Unknown vehicle or object

NONCONTACT INJURY

- (601) Fire in vehicle
- (602) Flying glass
- (603) Other noncontact injury source (specify):
- (604) Air bag exhaust gases
- (697) Injured, unknown source

OFFICIAL INJURY DATA — SOFT TISSUE INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)



OFFICIAL INJURY DATA — SKELETAL INJURIES

Restrained?

No

Yes

Blood Alcohol
Level (mg/dl)

BAL = _____

Glasgow Coma
Scale Score

$1 \times 4 \times 3$
GCS = 15

Units of Blood
Given

Units = _____

~~NOT RECORDED~~

Arterial Blood
Gases

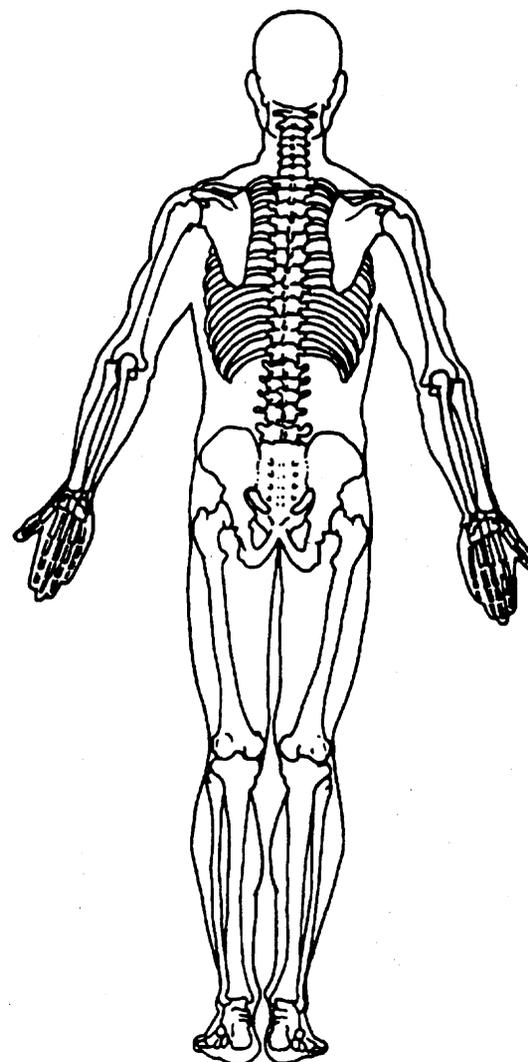
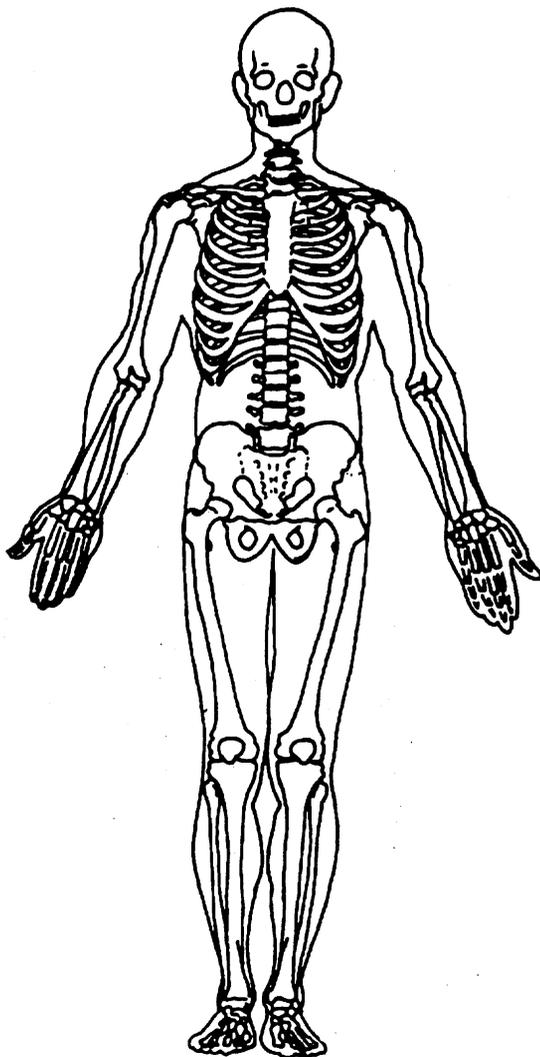
pH = 7.35

PO₂ = 50

PCO₂ = 39

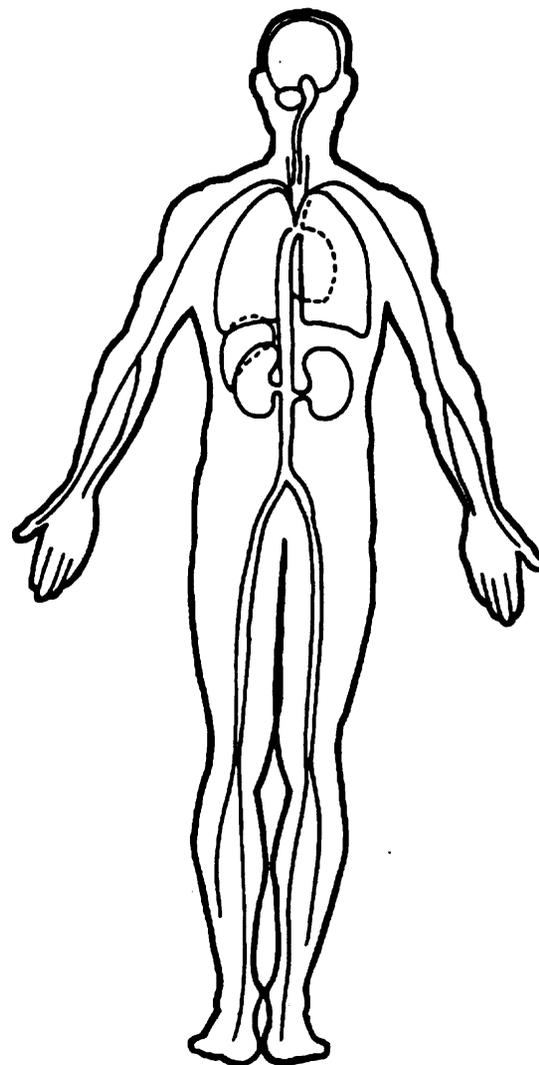
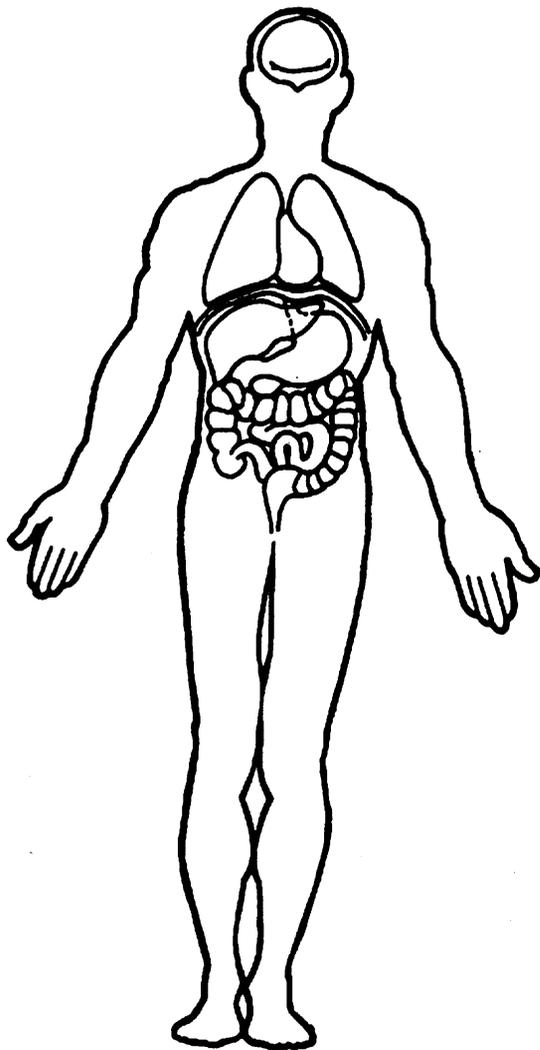
HCO₃ = 22

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)



OFFICIAL INJURY DATA – INTERNAL INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)





UPDATE FORM

<p>1. Primary Sampling Unit Number <u>45</u></p> <p>2. Case Number — Stratum <u>276B</u></p> <p>3. Vehicle Number <u>01</u></p> <p>4. Occupant Number <u>02</u></p>	<p>Driver or Occupant Name: XXXXXXXXXX</p> <p>Address: _____</p> <p>Other Information: _____</p> <p style="text-align: center;"><i>(Sanitize this section prior to Update submission.)</i></p>
---	---

STATUS OF OCCUPANT INFORMATION

	INITIAL SUBMISSION	UPDATED INFORMATION		INITIAL SUBMISSION	UPDATED INFORMATION
OAL08. Date Official Medical Data Requested	XXXXXX	<u>45</u>	OAL18. Medical Facility Code	<u>01</u>	<u>01</u>
OAL09. Date Official Medical Data Obtained	XXXXXX	<u>95</u>	GV14. Alcohol Test Results For Driver	<u>97</u>	<u>97</u>
OAL16. Injury Treatment Status	<u>04</u>	<u>04</u>	GV16. Other Drug Specimen Test Type For Driver	<u>3</u>	<u>3</u>
OAL17. Injury Information			OA05. Occupant's Age	<u>54</u>	<u>54</u>
<u>Official</u>			OA06. Occupant's Sex	<u>1</u>	<u>1</u>
a. Autopsy (invasive examination)	<u>B</u>	_____	OA07. Occupant's Height	<u>191</u>	<u>191</u>
b. Post-ER medical record which includes information about death based on non-invasive examination	<u>B</u>	_____	OA08. Occupant's Weight	<u>075</u>	<u>075</u>
c. Admission record/summary or admission/discharge face sheet	<u>B</u>	<u>08</u> <u>111</u>	OA61. Treatment-Mortality	<u>3</u>	<u>3</u>
d. Discharge summary	<u>B</u>	<u>08</u> <u>111</u>	OA62. Type of Medical Facility (for Initial Treatment)	<u>1</u>	<u>1</u>
e. Operative report	<u>B</u>	<u>08</u> <u>111</u>	OA63. Hospital Stay	<u>03</u>	<u>01</u>
f. Radiographic record(s) (X-ray, CT scan)	<u>B</u>	<u>08</u> <u>111</u>			
g. History and physical examination and/or consultation records	<u>B</u>	_____ <u>11</u>			
h. Emergency room records (includes nurses' notes)	<u>B</u>	<u>08</u> <u>111</u>			
j. Private physician	<u>B</u>	_____			
<u>Unofficial</u>					
k. Lay coroner	<u>B</u>	_____			
l. EMS record	<u>B</u>	_____			
m. Interviewee	<u>B</u>	<u>11</u>			
n. Other source (specify):	<u>B</u>	<u>B</u>			
o. Police report	<u>B</u>	<u>B</u>			

PRECRASH ENVIRONMENTAL DATA

19. Relation To Interchange Or Junction 0
(0) Non-interchange area and non-junction
(1) Interchange area related

Non-Interchange junctions

- (2) Intersection related
- (3) Driveway, alley access related
- (4) Other junction (specify) _____
- (5) Unknown type of junction
- (9) Unknown

20. Trafficway Flow 0
(0) Not physically divided (two way traffic)
(1) Divided trafficway-median strip without positive barrier
(2) Divided trafficway-median strip with positive barrier
(3) One way traffic
(9) Unknown

21. Number Of Travel Lanes 2
(1) One
(2) Two
(3) Three
(4) Four
(5) Five
(6) Six
(7) Seven or more
(9) Unknown

22. Roadway Alignment 1
(1) Straight
(2) Curve right
(3) Curve left
(9) Unknown

"Very slight curve"

23. Roadway Profile 1
(1) Level
(2) Uphill grade (> 2%)
(3) Hill crest
(4) Downhill grade (> 2%)
(5) Sag
(9) Unknown

24. Roadway Surface Type 2
(1) Concrete
(2) Bituminous (asphalt)
(3) Brick or block
(4) Slag, gravel, or stone
(5) Dirt
(8) Other (specify): _____
(9) Unknown

25. Roadway Surface Condition 1
(1) Dry
(2) Wet
(3) Snow or slush
(4) Ice
(5) Sand, dirt, or oil
(8) Other (specify): _____
(9) Unknown

26. Light Conditions 3
(1) Daylight
(2) Dark
(3) Dark, but lighted
(4) Dawn
(5) Dusk
(9) Unknown

27. Atmospheric Conditions 0
(0) No adverse atmospheric-related driving conditions
(1) Rain
(2) Sleet/hail
(3) Snow
(4) Fog
(5) Rain and fog
(6) Sleet and fog
(7) Other (e.g., smog, smoke, blowing sand or dust, etc.) (specify): _____
(9) Unknown

28. Traffic Control Device 0
(0) No traffic control(s)
(1) Traffic control signal (not RR crossing)

Regulatory

- (2) Stop sign
- (3) Yield sign
- (4) School zone sign
- (5) Other regulatory sign (specify): _____
- (6) Warning sign (not RR crossing)
- (7) Unknown sign
- (8) Miscellaneous/other controls including RR controls (specify): _____
- (9) Unknown

29. Traffic Control Device Functioning 0
(0) No traffic control device
(1) Traffic control device not functioning (specify): _____
(2) Traffic control device functioning properly
(9) Unknown

OCCUPANT RELATED

- 37. Driver Presence in Vehicle 1
 (0) Driver not present
 (1) Driver present
 (9) Unknown
- 38. Number of Occupants This Vehicle 01
 (00-96) Code actual number of occupants for this vehicle
 (97) 97 or more
 (99) Unknown
- 39. Number of Occupant Forms Submitted 01

AIR BAG RELATED

- 40. Is this an AOPS Vehicle? 1
 (0) No (includes unknown)
 (1) Yes - researcher determined
 (2) VIN determined air bag system
 (3) VIN determined automatic (passive) belts
 (4) VIN determined air bag and automatic (passive) belts
- 41. Air Bag(s) Deployment, First Seat Frontal 6
 (0) Not equipped or not available
 (1) No air bags deployed
Single Air Bag Vehicle
 (2) Driver air bag deployed
 (3) Driver air bag, unknown if deployed
Multiple Air Bag Vehicle
 (4) Driver side only deployed
 (5) Passenger side only deployed
 (6) Driver and passenger side deployed
 (7) Driver and passenger side unknown if deployed
 (8) Air bag(s) deployed, details unknown
 (9) Unknown
- 42. Air Bag(s) Deployment, Other Than First Seat Frontal 0
 (0) Not equipped with an "other" air bag
 (1) Deployed during accident (as a result of impact)
 (2) Deployed inadvertently just prior to accident
 (3) Deployed, details unknown
 (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical)
 (5) Unknown if deployed
 (7) Nondeployed
 (9) Unknown
 Specify type of "other" air bag present: _____

VEHICLE WEIGHT ITEMS

- 43. Vehicle Curb Weight 1,010
 Code weight to nearest 10 kilograms.
 (045) Less than 450 kilograms
 (610) 6,100 kilograms or more
 (999) Unknown
 _____ lbs X .4536 = 1,012 kgs
 Source: _____

- 44. Vehicle Cargo Weight 0000
 Code weight to nearest 10 kilograms.
 (000) Less than 5 kilograms
 (450) 4,500 kilograms or more
 (999) Unknown
 _____ lbs X .4536 = _____ kgs
 Source: INTERVIEW

ROLLOVER DATA

- 45. Rollover 00
 (00) No rollover (no overturning)
Rollover (primarily about the longitudinal axis)
 (01-16) Code the number of quarter turns Rollover, 17 or more quarter turns (specify): _____
 (98) Rollover--end-over-end (i.e., primarily about the lateral axis)
 (99) Rollover (overturn), details unknown
- 46. Rollover Initiation Type 00
 (00) No rollover
 (01) Trip-over
 (02) Flip-over
 (03) Turn-over
 (04) Climb-over
 (05) Fall-over
 (06) Bounce-over
 (07) Collision with another vehicle
 (08) Other rollover initiation type specify): _____
 (98) Rollover--end-over-end
 (99) Unknown rollover initiation type
- 47. Location of Rollover Initiation 0
 (0) No rollover
 (1) On roadway
 (2) On shoulder—paved
 (3) On shoulder—unpaved
 (4) On roadside or divided trafficway median
 (8) Rollover--end-over-end
 (9) Unknown
- 48. Rollover Initiation Object Contacted 00
 (Note: Applicable codes on back of page)
- 49. Location on Vehicle Where Initial Principal Tripping Force Is Applied 0
 (0) No rollover
 (1) Wheels/tires
 (2) Side plane
 (3) End plane
 (4) Undercarriage
 (5) Other location on vehicle (specify): _____
 (6) Non-contact rollover forces (specify): _____
 (8) Rollover--end-over-end
 (9) Unknown
- 50. Direction of Initial Roll 0
 (0) No rollover
 (1) Roll right - primarily about the longitudinal axis
 (2) Roll left - primarily about the longitudinal axis
 (8) Rollover--end-over-end
 (9) Unknown roll direction

CODES FOR ROLLOVER INITIATION OBJECT CONTACTED

(00) No rollover
 (01-30) — Vehicle Number

Noncollision

(31) Turn-over — fall-over
 (32) No rollover impact initiation (end-over-end)
 (34) Jackknife

Collision With Fixed Object

(41) Tree (\leq 10 cm in diameter)
 (42) Tree ($>$ 10 cm in diameter)
 (43) Shrubbery or bush
 (44) Embankment

(45) Breakaway pole or post (any diameter)

Nonbreakaway Pole or Post

(50) Pole or post (\leq 10 cm in diameter)
 (51) Pole or post ($>$ 10 cm but \leq 30 cm in diameter)
 (52) Pole or post ($>$ 30 cm in diameter)
 (53) Pole or post (diameter unknown)

(54) Concrete traffic barrier
 (55) Impact attenuator
 (56) Other traffic barrier (includes guardrail)
 (specify): _____

(57) Fence
 (58) Wall
 (59) Building
 (60) Ditch or culvert
 (61) Ground
 (62) Fire hydrant
 (63) Curb
 (64) Bridge
 (68) Other fixed object (specify): _____

(69) Unknown fixed object

Collision with Nonfixed Object

(70) Passenger car, light truck, van, or other vehicle not in-transport
 (71) Medium/heavy truck or bus not in-transport
 (76) Animal
 (77) Train
 (78) Trailer, disconnected in transport
 (79) Object fell from vehicle in-transport
 (88) Other nonfixed object (specify): _____

(89) Unknown nonfixed object

(98) Other event (specify): _____

(99) Unknown event or object

ORIGINAL SPECIFICATIONS WORK SHEET

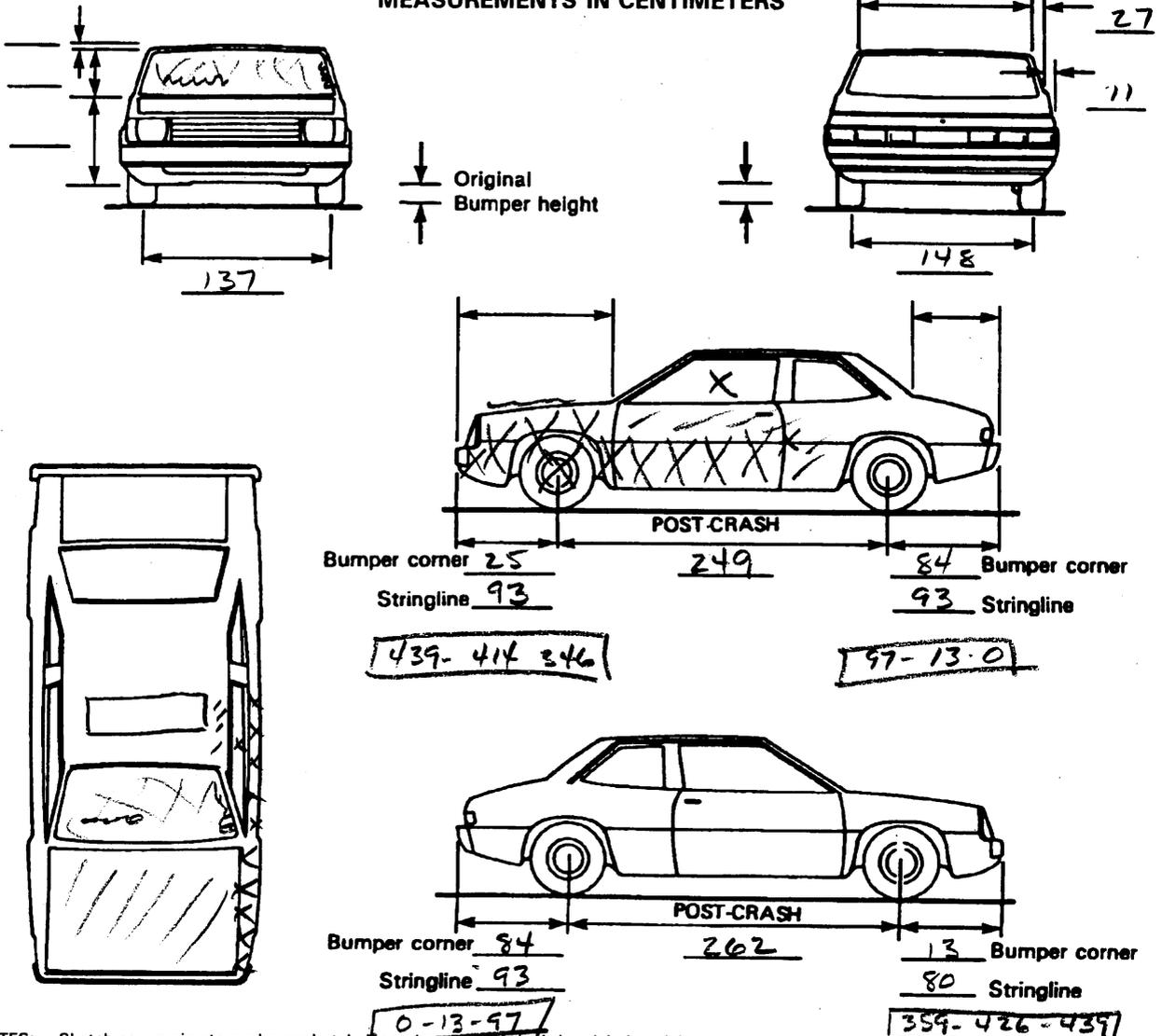
Wheelbase	<u>103.2</u>	inches	x 2.54	=	<u>262</u>	cm
Overall Length	<u>172.8</u>	inches	x 2.54	=	<u>439</u>	cm
Maximum Width	<u>66.9</u>	inches	x 2.54	=	<u>170</u>	cm
Curb Weight	<u>2,231</u>	pounds	x .4536	=	<u>1,012</u>	kg
Average Track	<u>57.9</u>	inches	x 2.54	=	<u>147</u>	cm
Front Overhang	_____	inches	x 2.54	=	_____	cm
Rear Overhang	_____	inches	x 2.54	=	_____	cm
Undeformed End Width	_____	inches	x 2.54	=	<u>148</u>	cm
Engine Size: cyl./displ.	_____	cc	x .001	=	_____	L
	_____	CID	x .0164	=	_____	L

SIZE 1
 SHEET 1

VEHICLE DAMAGE SKETCH

<p>TIRE—WHEEL DAMAGE</p> <p>a. Rotation physically restricted b. Tire deflated</p> <table style="width:100%;"> <tr> <td>RF <u>2</u></td> <td>RF <u>2</u></td> </tr> <tr> <td>LF <u>1</u></td> <td>LF <u>1</u></td> </tr> <tr> <td>RR <u>2</u></td> <td>RR <u>2</u></td> </tr> <tr> <td>LR <u>2</u></td> <td>LR <u>2</u></td> </tr> </table> <p>(1) Yes (2) No (8) NA (9) Unk.</p>	RF <u>2</u>	RF <u>2</u>	LF <u>1</u>	LF <u>1</u>	RR <u>2</u>	RR <u>2</u>	LR <u>2</u>	LR <u>2</u>	<p>ORIGINAL SPECIFICATIONS</p> <p>Wheelbase <u>262</u> cm</p> <p>Overall Length <u>439</u> cm</p> <p>Maximum Width <u>170</u> cm</p> <p>Curb Weight <u>1012</u> kg</p> <p>Average Track <u>147</u> cm</p> <p>Front Overhang <u>84</u> cm</p> <p>Rear Overhang <u>93</u> cm</p> <p>Undeformed End Width <u>150</u> cm</p> <p>Engine Size: cyl./displ. <u>4cyl, 1.5</u> L</p>	<p>WHEEL STEER ANGLES (For locked front wheels or displaced rear axles only)</p> <p>RF ϕ <u>10</u> °</p> <p>LF \pm <u>00</u> °</p> <p>RR \pm <u>00</u> °</p> <p>LR \pm <u>00</u> °</p> <p>Within \pm 5 degrees</p> <hr/> <p>DRIVE WHEELS</p> <p><input checked="" type="checkbox"/> FWD <input type="checkbox"/> RWD <input type="checkbox"/> 4WD</p> <hr/> <p>Approximate Cargo Weight <u>0</u> kg</p>
RF <u>2</u>	RF <u>2</u>									
LF <u>1</u>	LF <u>1</u>									
RR <u>2</u>	RR <u>2</u>									
LR <u>2</u>	LR <u>2</u>									
<p>TYPE OF TRANSMISSION</p> <p><input type="checkbox"/> Manual <input checked="" type="checkbox"/> Automatic</p> <p>END SHIFT \geq 10 CM</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>										

MEASUREMENTS IN CENTIMETERS



NOTES: Sketch new perimeter and cross hatch direct damage and single hatch induced damage on all views. Annotate observations which might be useful in reconstructing the accident (e.g., grass in tire bead, direction of striations, scuff on sidewalls, etc.). If pulling trailer, sketch type of trailer and damage received on the back of this page.

Annotate any damage caused by extrication such as component removal by torching, prying, or hydraulic shears.

COLLISION DEFORMATION CLASSIFICATION

HIGHEST DELTA "V"

Accident Event Sequence Number	Object Contacted	(1) (2) Direction of Force	(3) Deformation Location	(4) Longitudinal or Lateral Location	(5) Vertical or Lateral Location	(6) Type of Damage Distribution	(7) Deformation Extent
4. <u>01</u>	5. <u>01</u>	6. <u>HO</u> ¹²	7. <u>F</u>	8. <u>L</u>	9. <u>E</u>	10. <u>E</u>	11. <u>09</u>

Second Highest Delta "V"

12. _____	13. _____	14. _____	15. _____	16. _____	17. _____	18. _____	19. _____
-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

CRUSH PROFILE IN CENTIMETERS

The crush profile for the damage described in the CDC(s) above should be documented in the appropriate space below. (ALL MEASUREMENTS ARE IN CENTIMETERS.)

HIGHEST DELTA "V"

20. L	21. C ₁	C ₂	C ₃	C ₄	C ₅	C ₆	22. ±D
<u>150</u>	<u>012</u>	<u>006</u>	<u>001</u>	<u>000</u>	<u>000</u>	<u>000</u>	<u>+0068</u>

Second Highest Delta "V"

23. L	24. C ₁	C ₂	C ₃	C ₄	C ₅	C ₆	25. ±D
_____	_____	_____	_____	_____	_____	_____	_____

26. Undeformed End Width (Coded when highest severity impact is an end plane impact.) 150
 _____ Code to the nearest centimeter
 (250) 250 centimeters or more
 (998) No highest severity end plane impact
 (999) Unknown

27. Direct Damage Width (For highest severity impact) 015
 _____ Code to the nearest centimeter
 (250) 250 centimeters or more
 (999) Unknown

28. Original Wheelbase _____ Code to the nearest centimeter 262
 (650) 650 centimeters or more
 (999) Unknown
 _____ inches X 2.54 = _____ centimeters

29. Original Average Track Width _____ Code to the nearest centimeter 147
 (185) 185 centimeters or more
 (999) Unknown
 _____ inches X 2.54 = _____ centimeters

30. Are CDCs Documented but Not Coded on The Automated File? 0
 (0) No
 (1) Yes

31. Researcher's Assessment of Vehicle Disposition 1
 (0) Not towed due to vehicle damage
 (1) Towed due to vehicle damage
 (9) Unknown

32. Is This A Multi-Stage Manufactured Vehicle And/Or A Certified Altered Vehicle? 0
 (0) No post manufacturer modifications
 (1) Yes - post manufacturer modifications (specify): _____

 (Include photograph of CERTIFICATION PLACARD in case report)
 (9) Unknown if vehicle is modified

FUEL SYSTEM

35. Location of Fuel Tank-1 Filler Cap 2

36. Location of Fuel Tank-2 Filler Cap 0
 (0) No fuel tank
 (1) On back plane
 (2) Aft of center of the rear wheels (rear axle) on left side plane
 (3) Aft of center of the rear wheels (rear axle) on right side plane
 (4) Forward of center of the rear wheels (rear axle) on left side plane
 (5) Forward of center of the rear wheels (rear axle) on right side plane
 (6) Over the center of the rear wheels (rear axle) on left side plane
 (7) Over the center of the rear wheels (rear axle) on right side plane
 (8) Other (specify): _____
 (9) Unknown

37. Type of Fuel Tank-1 1
 (0) No fuel tank (electrical vehicle)
 (1) Metallic
 (2) Non-metallic
 (9) Unknown

38. Type of Fuel Tank-2 0
 (0) No fuel tank (electrical vehicle)
 (1) Metallic
 (2) Non-metallic
 (9) Unknown

FIRE OCCURRENCE

33. Fire Occurrence 0
 (0) No fire
 Yes, fire occurred
 (1) Minor
 (2) Major
 (9) Unknown

34. Origin of Fire 0
 (0) No fire
 (1) Vehicle exterior (front, side, back, top)
 (2) Exhaust system
 (3) Fuel tank (and other fuel retention system parts)
 (4) Engine compartment
 (5) Cargo/trunk compartment
 (6) Instrument panel
 (7) Passenger compartment area
 (8) Other location (specify): _____
 (9) Unknown

39. Location of Fuel Tank-1 4

40. Location of Fuel Tank-2 0
 (0) No fuel tank
 (1) Aft of center of the rear wheels (rear axle) centered
 (2) Aft of center of the rear wheels (rear axle) left side
 (3) Aft of center of the rear wheels (rear axle) right side
 (4) Forward of center of the rear wheels (rear axle) centered
 (5) Forward of center of the rear wheels (rear axle) left side
 (6) Forward of center of the rear wheels (rear axle) right side
 (7) Over center of the rear wheels (rear axle)
 (8) Other (specify): _____
 (9) Unknown

41. Damage to Fuel Tank-1 1

42. Damage to Fuel Tank-2 0
 (0) No fuel tank
 (1) No damage to fuel tank
 (2) Deformed, no seam failure
 (3) Deformed, with a seam failure
 (4) Punctured
 (5) Lacerated (ripped)
 (6) Abraded (scraped)
 (7) Filler neck separation from the fuel tank
 (8) Other damage (specify): _____
 (9) Unknown



INTERIOR VEHICLE FORM

1. Primary Sampling Unit Number 45
 2. Case Number - Stratum 276B
 3. Vehicle Number 02

INTEGRITY

4. Passenger Compartment Integrity 98
 (00) No integrity loss

Yes, Integrity Was Lost Through

(01) Windshield
 (02) Door (side)
 (03) Door/hatch (back door)
 (04) Roof
 (05) Roof glass
 (06) Side window
 (07) Rear window (backlight)
 (08) Roof and roof glass
 (09) Windshield and door (side)
 (10) Windshield and roof
 (11) Side and rear window (side window and backlight)
 (12) Windshield and side window
 (13) Door and side window
 (98) Other combination of above (specify):
01, 06, 04
 (99) Unknown

Door, Tailgate or Hatch Opening

5. LF 3 6. RF 1 7. LR 0 8. RR 0 9. TG/H 0

(0) No door/gate/hatch
 (1) Door/gate/hatch remained closed and operational
 (2) Door/gate/hatch came open during collision
 (3) Door/gate/hatch jammed shut
 (8) Other (specify):

 (9) Unknown

Damage/Failure Associated with Door, Tailgate or Hatch Opening in Collision. If IV05-IV09 ≠ 2, Then code 0

10. LF 0 11. RF 0 12. LR 0 13. RR 0 14. TG/H 0

(0) No door/gate/hatch or door not opened

Door, Tailgate or Hatch Came Open During Collision

(1) Door operational (no damage)
 (2) Latch/striker failure due to damage
 (3) Hinge failure due to damage
 (4) Door structure failure due to damage
 (5) Door support (i.e., pillar, sill, roof side rail, etc.) failure due to damage
 (6) Latch/striker and hinge failure due to damage
 (8) Other failure (specify):

 (9) Unknown

GLAZING

Type of Window/Windshield Glazing

15. WS 1 16. LF 2 17. RF 2 18. LR 2 19. RR 2
 20. BL 2 21. Roof 2 22. Other 0

- (0) No glazing
- (1) AS-1 - Laminated
- (2) AS-2 - Tempered
- (3) AS-3 - Tempered-tinted (original)
- (4) AS-2 - Tempered-with after market tint
- (5) AS-3 - Tempered-tinted (with additional after market tint)
- (6) AS-14 - Glass/Plastic
- (7) Glazing removed prior to accident
- (8) Other (specify):

- (9) Unknown

Window Precrash Glazing Status

23. WS 1 24. LF 2 25. RF 2 26. LR 1 27. RR 1
 28. BL 1 29. Roof 2 30. Other 0

- (0) No glazing
- (1) Fixed
- (2) Closed
- (3) Partially opened
- (4) Fully opened
- (7) Glazing removed prior to accident
- (9) Unknown

Glazing Damage from Impact Forces

31. WS 2 32. LF 6 33. RF 1 34. LR 1 35. RR 1
 36. BL 1 37. Roof 1 38. Other 0

(0) No glazing
 (1) No glazing damage from impact forces
 (2) Glazing in place and cracked from impact forces
 (3) Glazing in place and holed from impact forces
 (4) Glazing out-of-place (cracked or not) and not holed from impact forces
 (5) Glazing out-of-place and holed from impact forces
 (6) Glazing disintegrated from impact forces
 (7) Glazing removed prior to accident
 (9) Unknown if damaged

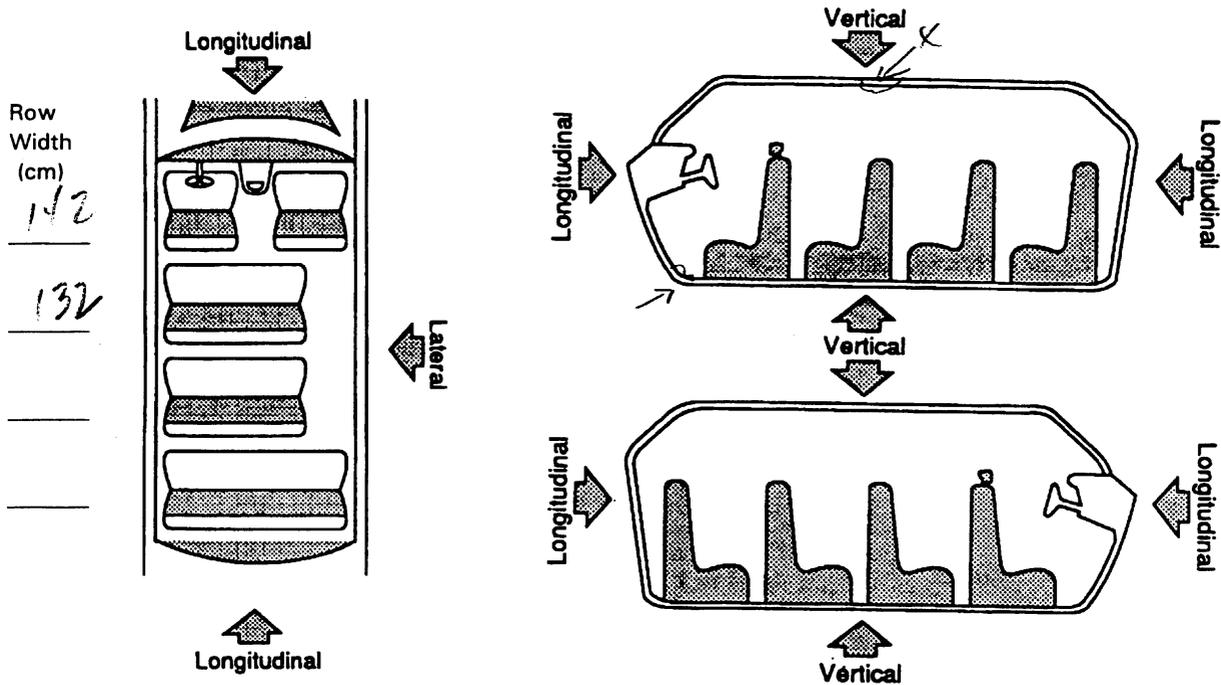
Glazing Damage from Occupant Contact

39. WS 1 40. LF 1 41. RF 1 42. LR 1 43. RR 1
 44. BL 1 45. Roof 1 46. Other 0

(0) No glazing
 (1) No occupant contact to glazing
 (2) Glazing contacted by occupant but no glazing damage
 (3) Glazing in place and cracked by occupant contact
 (4) Glazing in place and holed by occupant contact
 (5) Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
 (6) Glazing out-of-place by occupant contact and holed by occupant contact
 (7) Glazing removed prior to accident
 (8) Glazing disintegrated by occupant contact
 (9) Unknown if contacted by occupant

INTRUSION WORKSHEET

Note: Sketch intruded areas



LOCATION OF INTRUSION	INTRUDED COMPONENT	(All Measurements Are In Centimeters)			DOMINANT CRUSH DIRECTION
		COMPARISON VALUE	INTRUDED VALUE	INTRUSION	
11	Toe Pan	145	145	0	long
11	Inst Pan	94	94	0	"
11	Roof	-	-	01	vert
11	Floor	-	-	02	vert
11	A Pillar	-	-	01	lat
11	Windshield	-	-	01	long
		-	-	=	
		-	-	=	
		-	-	=	
		-	-	=	
		-	-	=	
		-	-	=	
		-	-	=	
		-	-	=	
		-	-	=	

OCCUPANT AREA INTRUSION

Note: If no intrusions, leave variables IV47-IV86 blank.

	Location of Intrusion	Intruding Component	Magnitude of Intrusion	Dominant Crush Direction
1st	47. _____	48. _____	49. _____	50. _____
2nd	51. _____	52. <i>None</i>	53. _____	54. _____
3rd	55. _____	56. <i>mail</i>	57. _____	58. _____
4th	59. _____	60. <i>than 3cm</i>	61. _____	62. _____
5th	63. _____	64. _____	65. _____	66. _____
6th	67. _____	68. _____	69. _____	70. _____
7th	71. _____	72. _____	73. _____	74. _____
8th	75. _____	76. _____	77. _____	78. _____
9th	79. _____	80. _____	81. _____	82. _____
10th	83. _____	84. _____	85. _____	86. _____

INTRUDING COMPONENT

Interior Components

- (01) Steering assembly
- (02) Instrument panel left
- (03) Instrument panel center
- (04) Instrument panel right
- (05) Toe pan
- (06) A (A1/A2)-pillar
- (07) B-pillar
- (08) C-pillar
- (09) D-pillar
- (10) Side panel - forward of the A1/A2-pillar
- (11) Door panel (side)
- (12) Side panel - rear of the B-pillar
- (13) Roof (or convertible top)
- (14) Roof side rail
- (15) Windshield
- (16) Windshield header
- (17) Window frame
- (18) Floor pan (includes sill)
- (19) Backlight header
- (20) Front seat back
- (21) Second seat back
- (22) Third seat back
- (23) Fourth seat back
- (24) Fifth seat back
- (25) Seat cushion
- (26) Back door/panel (e.g., tailgate)
- (27) Other interior component (specify): _____

Exterior Components

- (30) Hood
- (31) Outside surface of this vehicle (specify): _____
- (32) Other exterior object in the environment (specify): _____
- (33) Unknown exterior object
- (97) Catastrophic
- (98) Intrusion of unlisted component(s) (specify): _____
- (99) Unknown

LOCATION OF INTRUSION

- Front Seat**
- (11) Left
 - (12) Middle
 - (13) Right

- Fourth Seat**
- (41) Left
 - (42) Middle
 - (43) Right

- Second Seat**
- (21) Left
 - (22) Middle
 - (23) Right

- (97) Catastrophic
- (98) Other enclosed area (specify) _____

- Third Seat**
- (31) Left
 - (32) Middle
 - (33) Right

- (99) Unknown

MAGNITUDE OF INTRUSION

- (1) ≥ 3 centimeters but < 8 centimeters
- (2) ≥ 8 centimeters but < 15 centimeters
- (3) ≥ 15 centimeters but < 30 centimeters
- (4) ≥ 30 centimeters but < 46 centimeters
- (5) ≥ 46 centimeters but < 61 centimeters
- (6) ≥ 61 centimeters
- (7) Catastrophic
- (9) Unknown

DOMINANT CRUSH DIRECTION

- (1) Vertical
- (2) Longitudinal
- (3) Lateral
- (7) Catastrophic
- (9) Unknown

STEERING RIM/SPOKE DEFORMATION

(All Measurements Are in Centimeters)

COMPARISON VALUE	—	DAMAGE VALUE	=	DEFORMATION
------------------	---	--------------	---	-------------

	—		=	
--	---	--	---	--

	—		=	
--	---	--	---	--

	—		=	
--	---	--	---	--

	—		=	
--	---	--	---	--

STEERING COLUMN

INSTRUMENT PANEL

87. Steering Column Type 2
 (1) Fixed column
 (2) Tilt column
 (3) Telescoping column
 (4) Tilt and telescoping column
 (8) Other column type (specify): _____
 (9) Unknown

88. Tilt Steering Column Adjustment 2
 (0) No tilt steering column
 (1) Full up
 (2) Between full up and center
 (3) Center
 (4) Between center and full down
 (5) Full down
 (9) Unknown

89. Telescoping Steering Column Adjustment 0
 (0) No telescoping steering column
 (1) Full back
 (2) Between full back and midpoint
 (3) Midpoint
 (4) Between midpoint and full forward
 (5) Full forward
 (9) Unknown

90. Steering Rim/Spoke Deformation 00
 Code actual measured
 deformation to the nearest centimeter
 (00) No steering rim deformation
 (01-14) Actual measured value in centimeters
 (15) 15 centimeters or more
 (98) Observed deformation cannot be measured
 (99) Unknown

91. Location of Steering Rim/Spoke Deformation 00
 (00) No steering rim deformation

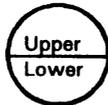
Quarter Sections

- (01) Section A
- (02) Section B
- (03) Section C
- (04) Section D



Half Sections

- (05) Upper half of rim/spoke
- (06) Lower half of rim/spoke
- (07) Left half of rim/spoke
- (08) Right half of rim/spoke



- (09) Complete steering wheel collapse
- (10) Undetermined location
- (99) Unknown

92. Odometer Reading 0 14,000
 _____ kilometers
 Code to the nearest 1,000 kilometers
 (000) No odometer
 (001) Less than 1,500 kilometers
 (500) 499,500 kilometers or more
 (999) Unknown
8.667 miles X 1.6093 = 13.948 kilometers

Source: odometer at body shop

93. Instrument Panel Damage from Occupant Contact? 1
 (0) No
 (1) Yes
 (9) Unknown

94. Type of Knee Bolster Covering 2
 (0) No knee bolster
 (1) Padded
 (2) Rigid plastic
 (8) Other (specify): _____
 (9) Unknown

95. Knee Bolsters Deformed from Occupant Contact? 1
 (0) No knee bolster
 (1) No deformation
 (2) Yes - deformation
 (9) Unknown

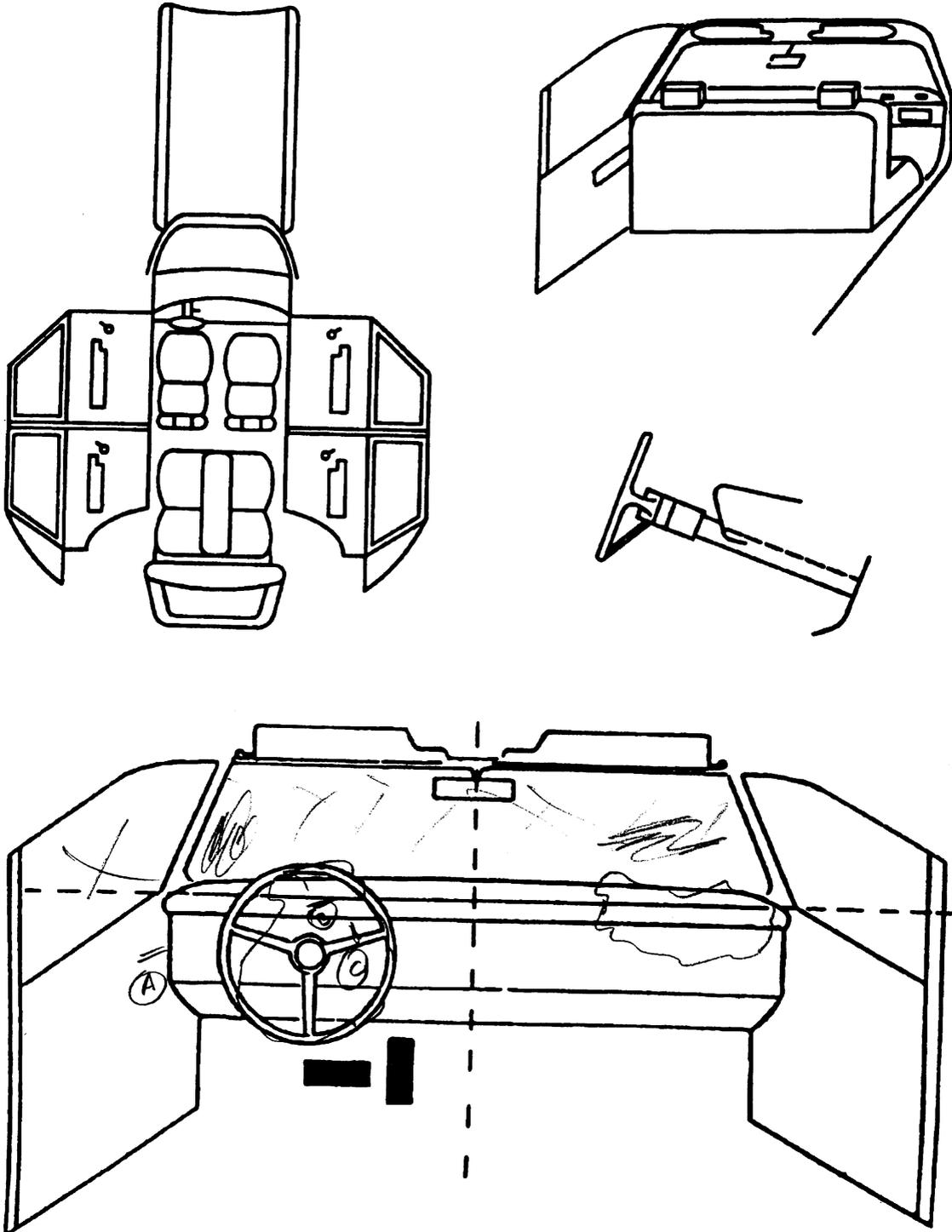
96. Did Glove Compartment Door Open During Collision(s)? 1
 (0) No glove compartment door
 (1) No - door did not open
 (2) Yes - door opened
 (9) Unknown

97. Adaptive (Assistive) Driving Equipment 0
 (0) No adaptive driving equipment
 (1) Adaptive driving equipment installed (Check all that apply.)
 Hand controls for braking/acceleration
 Steering control devices (attached to OEM steering wheel)
 Steering knob attached to steering wheel
 Low effort power steering (unit or device)
 Replacement steering wheel (i.e., reduced diameter)
 Joy-stick steering controls
 Wheelchair tie-downs
 Modification to seat belts (specify): _____
 Additional or relocated switches (specify): _____
 Raised roof
 Wall-mounted head rest (used behind wheelchair)
 Other adaptive device (specify): _____

(9) Unknown

VEHICLE INTERIOR SKETCHES

Note area of ejection/entrapment



Sketch windshield contact(s) and the damaged area(s) on the instrument panel outline (e.g., radio, glove compartment, damage to instrument panel structure).
Cross hatch contact points, draw spider webs or use other annotation as may be appropriate.
Annotate the contacted area with a letter (begin with A) and list on the Points of Occupant Contact page.

POINTS OF OCCUPANT CONTACT

Contact	Interior Component Contacted	Occupant No. If Known	Body Region If Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	051	11	Knee	Scuff marks	1
B	170	11	Face	Smudge marks	1
C	170	11	"	" "	1
D					
E					
F					
G					
H					
I					
J					
K					
L					
M					
N					

CODES FOR INTERIOR COMPONENTS

FRONT

- (001) Windshield
- (002) Mirror
- (003) Sunvisor
- (004) Steering wheel rim
- (005) Steering wheel hub/spoke
- (006) Steering wheel (combination of codes 004 and 005)
- (007) Steering column, transmission selector lever, other attachment
- (008) Cellular telephone or CB radio
- (009) Add on equipment (e.g., tape deck, air conditioner)
- (010) Left instrument panel and below
- (011) Center instrument panel and below
- (012) Right instrument panel and below
- (013) Glove compartment door
- (014) Knee bolster
- (015) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, mirror, or steering assembly (driver side only)
- (016) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only)
- (017) Windshield reinforced by exterior object, (specify): _____
- (019) Other front object (specify): _____

LEFT SIDE

- (051) Left side interior surface, excluding hardware or armrests
- (052) Left side hardware or armrest
- (053) Left A (A1/A2)-pillar
- (054) Left B-pillar
- (055) Other left pillar (specify): _____
- (056) Left side window glass
- (057) Left side window frame
- (058) Left side window sill
- (059) Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail.
- (060) Other left side object (specify): _____

RIGHT SIDE

- (101) Right side interior surface, excluding hardware or armrests
- (102) Right side hardware or armrest
- (103) Right A (A1/A2)-pillar
- (104) Right B-pillar
- (105) Other right pillar (specify): _____
- (106) Right side window glass
- (107) Right side window frame
- (108) Right side window sill
- (109) Right side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail.
- (110) Other right side object (specify): _____

INTERIOR

- (151) Seat, back support
- (152) Belt restraint webbing/buckle
- (153) Belt restraint B-pillar or door frame attachment point
- (154) Other restraint system component (specify): _____
- (155) Head restraint system
- (160) Other occupants (specify): _____
- (161) Interior loose objects
- (162) Child safety seat (specify): _____
- (163) Other interior object (specify): _____

AIR BAG

- (170) Air bag-driver side
- (175) Air bag compartment cover-driver side
- (180) Air bag-passenger side
- (185) Air bag compartment cover-passenger side
- (190) Other air bag (specify) _____
- (195) Other air bag compartment cover (specify) _____

ROOF

- (201) Front header
- (202) Rear header
- (203) Roof left side rail
- (204) Roof right side rail
- (205) Roof or convertible top

FLOOR

- (251) Floor (including toe pan)
- (252) Floor or console mounted transmission lever, including console
- (253) Parking brake handle
- (254) Foot controls including parking brake

REAR

- (301) Backlight (rear window)
- (302) Backlight storage rack, door, etc.
- (303) Other rear object (specify): _____

ADAPTIVE (ASSISTIVE) DRIVING EQUIPMENT

- (401) Hand controls for braking/acceleration
- (402) Steering control devices (attached to OEM steering wheel)
- (403) Steering knob attached to steering wheel
- (405) Replacement steering wheel (i.e., reduced diameter)
- (406) Joy stick steering controls
- (407) Wheelchair tie-downs
- (408) Modification to seat belts, (specify): _____
- (409) Additional or relocated switches, (specify): _____
- (410) Raised roof
- (411) Wall mounted head rest (used behind wheel chair)
- (412) Other adaptive device (specify): _____

CONFIDENCE LEVEL OF CONTACT POINT

- (1) Certain
- (2) Probable
- (3) Possible
- (9) Unknown

MANUAL RESTRAINTS

NOTES: Encode the applicable data for each seat position in the vehicle. The attribute for the variable may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form. If a Child safety seat is present, encode the data on the back of this page. If the vehicle has automatic restraints available, encode the appropriate data on the back of the previous page.

		Left	Center	Right
F I R S T	Availability	4	0	4
	Evidence of usage	0.5	0	0.5
	Used in this crash?	1	0	0
	Proper Use	1	0	0
	Failure Modes	1	0	0
	Anchorage Adjustment	1	0	0
S E C O N D	Availability	4	3	4
	Evidence of usage	0	0	0
	Used in this crash?	0	0	0
	Proper Use	0	0	0
	Failure Modes	0	0	0
	Anchorage Adjustment	0	0	0
O T H E R	Availability			
	Evidence of usage			
	Used in this crash?	X	X	X
	Proper Use			
	Failure Modes			
	Anchorage Adjustment			

Manual (Active) Belt System Availability

- (0) None available
- (1) Belt removed/destroyed
- (2) Shoulder belt
- (3) Lap belt
- (4) Lap and shoulder belt
- (5) Belt available - type unknown

Integral Belt Partially Destroyed

- (6) Shoulder belt (lap belt destroyed/removed)
- (7) Lap belt (shoulder belt destroyed/removed)
- (8) Other belt (specify): _____

- (9) Unknown

Manual (Active) Belt System Use

- (00) None used, not available, or belt removed/destroyed
- (01) Inoperable (specify): _____

- (02) Shoulder belt
- (03) Lap belt
- (04) Lap and shoulder belt
- (05) Belt used - type unknown
- (08) Other belt used (specify): _____

- (12) Shoulder belt used with child safety seat
- (13) Lap belt used with child safety seat
- (14) Lap and shoulder belt used with child safety seat
- (15) Belt used with child safety seat - type unknown
- (18) Other belt used with child safety seat (specify): _____
- (99) Unknown if belt used

Proper Use of Manual (Active) Belts

- (0) None used or not available
- (1) Belt used properly
- (2) Belt used properly with child safety seat

Belt Used Improperly

- (3) Shoulder belt worn under arm
- (4) Shoulder belt worn behind back or seat
- (5) Belt worn around more than one person
- (6) Lap belt worn on abdomen
- (7) Lap belt or lap and shoulder belt used improperly with child safety seat (specify): _____
- (8) Other improper use of manual belt system (specify): _____
- (9) Unknown

Manual (Active) Belt Failure Modes During Accident

- (0) No manual belt used or not available
- (1) No manual belt failure(s)
- (2) Torn webbing (stretched webbing not included)
- (3) Broken buckle or latchplate
- (4) Upper anchorage separated
- (5) Other anchorage separated (specify): _____
- (6) Broken retractor
- (7) Combination of above (specify): _____
- (8) Other manual belt failure (specify): _____
- (9) Unknown

Shoulder Belt Upper Anchorage Adjustment

- (0) No shoulder belt
- (1) No upper anchorage adjustment for shoulder belt

Adjustable shoulder Belt Upper Anchorage

- (2) In full up position
- (3) In mid position
- (4) In full down position
- (5) Position unknown
- (9) Unknown if position has adjustable upper anchorage adjustment

AUTOMATIC RESTRAINTS

NOTES: Encode the data for each applicable front seat position. The attribute for the variables may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

AIR BAGS

		Left Front	Right Front	Other
F I R S T	Availability/Function	/	/	0
	Deployment	/	/	0
	Failure	/	/	0

Air Bag System Availability/Function

- (0) Not equipped/not available
- (1) Air bag
- Non-functional*
- (2) Air bag disconnected (specify): _____
- (3) Air bag not reinstalled
- (9) Unknown

Are There Indications of Air Bag System Failure? (This Occupant Position)

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify): _____
- (9) Unknown

Frontal Air Bag System Deployment (This Occupant Position)

- (0) Not equipped/not available
- (1) Deployed during accident (as a result of impact)
- (2) Deployed inadvertently just prior to accident
- (3) Deployed, accident sequence undetermined
- (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical)
- (5) Unknown if deployed
- (7) Nondeployed
- (9) Unknown

Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position)

- (0) Not equipped with an "other" air bag
- (1) Deployed during accident (as a result of impact)
- (2) Deployed inadvertently just prior to accident
- (3) Deployed, details unknown
- (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical)
- (5) Unknown if deployed
- (7) Nondeployed
- (9) Unknown

AUTOMATIC BELTS

		Left	Right
F I R S T	Availability/Function	0	0
	Use		
	Type	/	/
	Proper Use	/	/
	Failure Modes	/	/

Automatic (Passive) Belt System Availability/Function

- (0) Not equipped/not available
- (1) 2 point automatic belts
- (2) 3 point automatic belts
- (3) Automatic belts - type unknown
- Non-functional*
- (4) Automatic belts destroyed or rendered inoperative
- (9) Unknown

Automatic (Passive) Belt System Use or rendered inoperative

- (0) Not equipped/not available/destroyed or rendered inoperative
- (1) Automatic belt in use
- (2) Automatic belt not in use (manually disconnected, motorized track inoperative)
- (3) Automatic belt use unknown
- (9) Unknown

Automatic (Passive) Belt System Type

- (0) Not equipped/not available
- (1) Non-motorized system
- (2) Motorized system
- (9) Unknown

Proper Use of Automatic (Passive) Belt System

- (0) Not equipped/not available/not used
- (1) Automatic belt used properly
- (2) Automatic belt used properly with child safety seat
- Automatic Belt Used Improperly*
- (3) Automatic shoulder belt worn under arm
- (4) Automatic shoulder belt worn behind back
- (5) Automatic belt worn around more than one person
- (6) Lap portion of automatic belt worn on abdomen
- (7) Automatic lap and shoulder belt or automatic shoulder belt used improperly with child safety seat (specify): _____
- (8) Other improper use of automatic belt system (specify): _____
- (9) Unknown

Automatic (Passive) Belt Failure Modes During Accident

- (0) Not equipped/not available/not in use
- (1) No automatic belt failure(s)
- (2) Torn webbing (stretched webbing not included)
- (3) Broken buckle or latchplate
- (4) Upper anchorage separated
- (5) Other anchorage separated (specify): _____
- (6) Broken retractor
- (7) Combination of above (specify): _____
- (8) Other automatic belt failure (specify): _____
- (9) Unknown

FIRST SEAT FRONTAL AIR BAGS

NOTES: Encode the applicable data for the driver and first seat passenger in the vehicle. The attribute for the variable may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

	Driver	Passenger
Type of air bag?	1	1
Flaps open at tear points?	2	2
Flaps damaged?	1	1
Air bag damaged?	1	1
Source of air bag damage	01	01
Air bag tethered?	1	1
Air bag have vent ports?	2	2
Other occupant contact air bag?	1	1
Occupant wearing eyewear?	1	0

Type of Air Bag

- (0) Not equipped/not available
- (1) Original manufacturer installed system
- (2) Retrofitted air bag
- (3) Replacement air bag
- (8) Unknown type of air bag
- (9) Unknown

Did Air Bag Module Cover Flap(s) Open At Designated Tear Points?

- (0) Not equipped/not available
- (1) No
- (2) Yes
- (3) Deployed, unknown if flap(s) opened at designated tear points
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

Were Air Bag Module Cover Flap(s) Damaged?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify):
- (3) Deployed, unknown if air bag module cover flap(s) damaged
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

Was There Damage To The Air Bag?

- (00) Not equipped/not available
- (01) Not damaged

Yes - Air Bag Damage

- (02) Ruptured
- (03) Cut
- (04) Torn
- (05) Holed
- (06) Burned
- (07) Abraded
- (88) Other damage (specify):

- (95) Damaged, details unknown
- (96) Deployed, unknown if damaged
- (97) Not deployed
- (98) Unknown if deployed
- (99) Unknown

Source of Air Bag Damage

- (00) Not equipped/not available
- (01) Not damaged
- (02) Object worn by occupant, (specify):
- (03) Object carried by occupant, (specify):
- (04) Adaptive/assistive controls, (specify):
- (05) Fire in vehicle
- (06) Thermal burns
- (07) Rescue or emergency efforts
- (88) Other damage source (specify):
- (95) Damaged, unknown source
- (96) Deployed, unknown if damaged
- (97) Not deployed
- (98) Unknown if deployed
- (99) Unknown

Was The Air Bag Tethered?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify number of tether straps):
- (3) Deployed, unknown if tethered
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

Did The Air Bag Have Vent Ports?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify number of vent ports):
- (3) Deployed, unknown if vent ports present
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

Was the Air Bag in this Occupant's Position Contacted by Another Occupant?

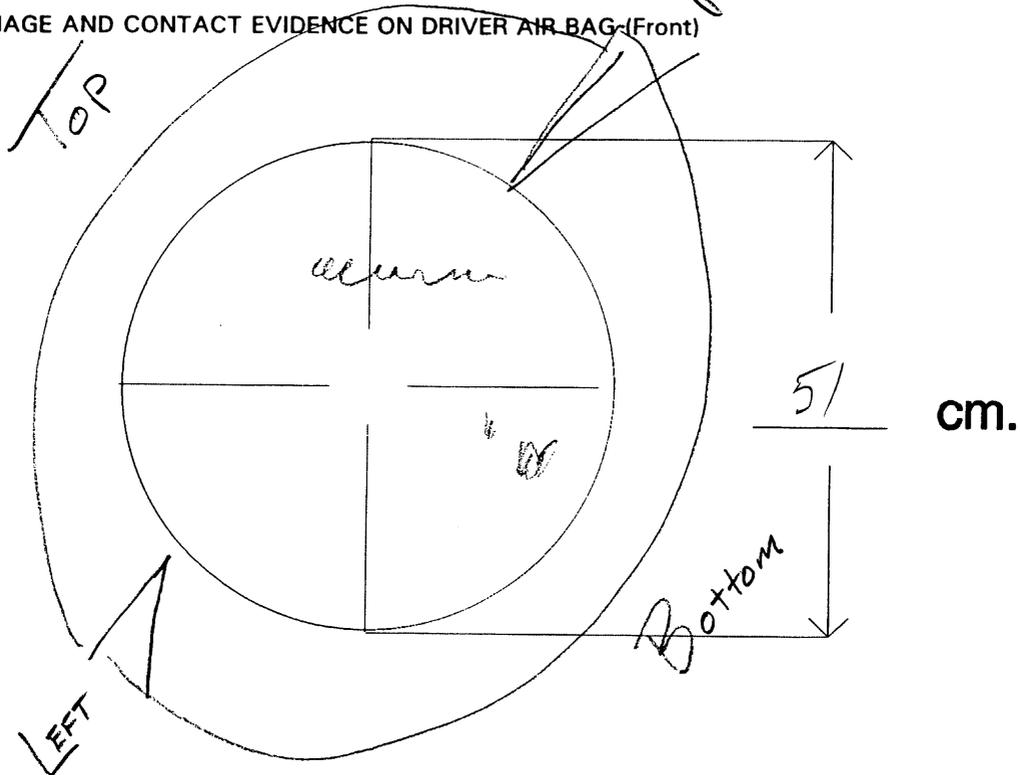
- (0) Not equipped/not available
- (1) No
- (2) Yes (specify):
- (3) Deployed, unknown if other occupant contact to air bag
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

Was This Occupant Wearing Eye-wear?

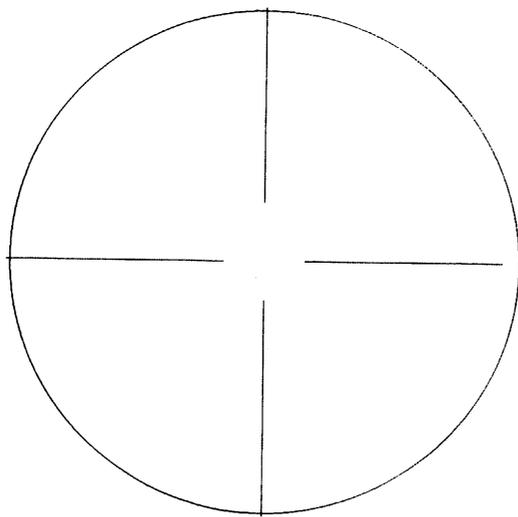
- (0) Not equipped/not available
- (1) No
- (2) Eyeglasses/sunglasses
- (3) Contact lenses
- (4) Deployed, unknown if eyewear worn
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

DRIVER AIR BAG DAMAGE AND CONTACT SKETCHES

1. SKETCH DAMAGE AND CONTACT EVIDENCE ON DRIVER AIR BAG (Front)



2. SKETCH DAMAGE AND CONTACT EVIDENCE ON DRIVER AIR BAG (Back)



DRIVER AIR BAG SKETCHES (Cont'd)

3. DRIVER AIR BAG MODULE COVER FLAP SIZE (DOUBLE)

a. Upper Flap

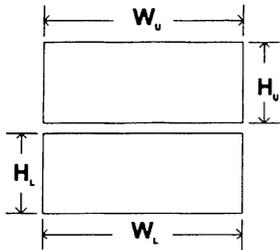
width (W_u) 15

height (H_u) 8

b. Lower Flap

width (W_l) 15

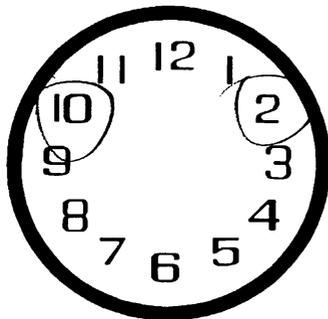
height (H_l) 7



4. SKETCH OF OTHER TYPE OF AIR BAG MODULE FLAP AND SIZE

5. SKETCH OF OTHER TYPE OF AIR BAG VENT PORTS

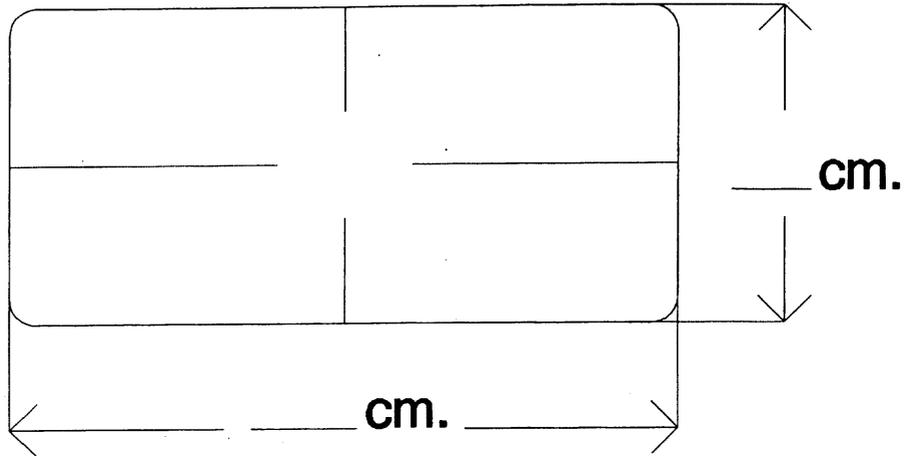
6. SKETCH LOCATION OF CIRCULAR AIR BAG VENT PORTS



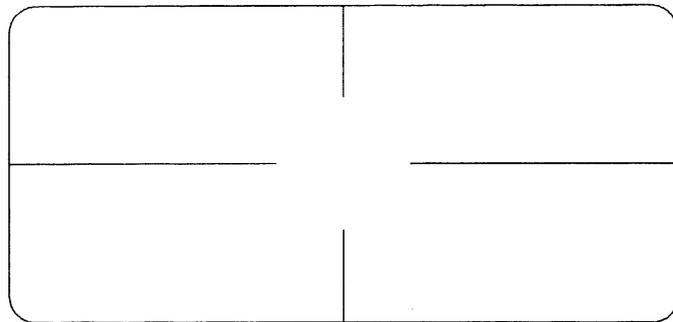
PASSENGER AIR BAG DAMAGE AND CONTACT SKETCHES

1. SKETCH DAMAGE AND CONTACT EVIDENCE ON PASSENGER AIR BAG (Front)

NONE



2. SKETCH DAMAGE AND CONTACT EVIDENCE ON PASSENGER AIR BAG (Back)

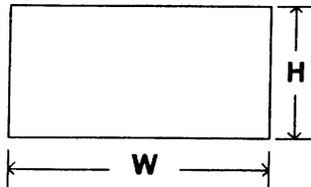


PASSENGER AIR BAG SKETCHES (Cont'd)

3. PASSENGER AIR BAG MODULE COVER FLAP SIZE (SINGLE)

a. Flap

width (W) 25
 height (H) 7



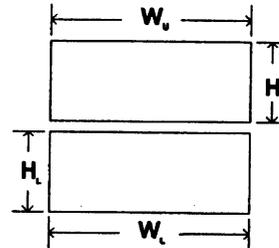
4. PASSENGER AIR BAG MODULE COVER FLAP SIZE (DOUBLE)

a. Upper Flap

b. Lower Flap

width (W_u) _____ width (W_l) _____

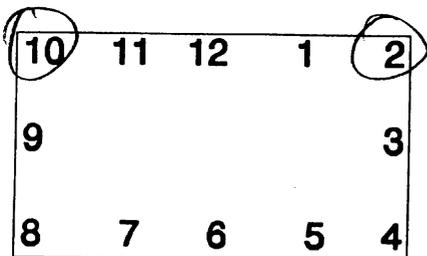
height (H_u) _____ height (H_l) _____



5. SKETCH OF OTHER TYPE OF AIR BAG MODULE FLAP AND SIZE

6. SKETCH OF OTHER TYPE OF AIR BAG VENT PORTS

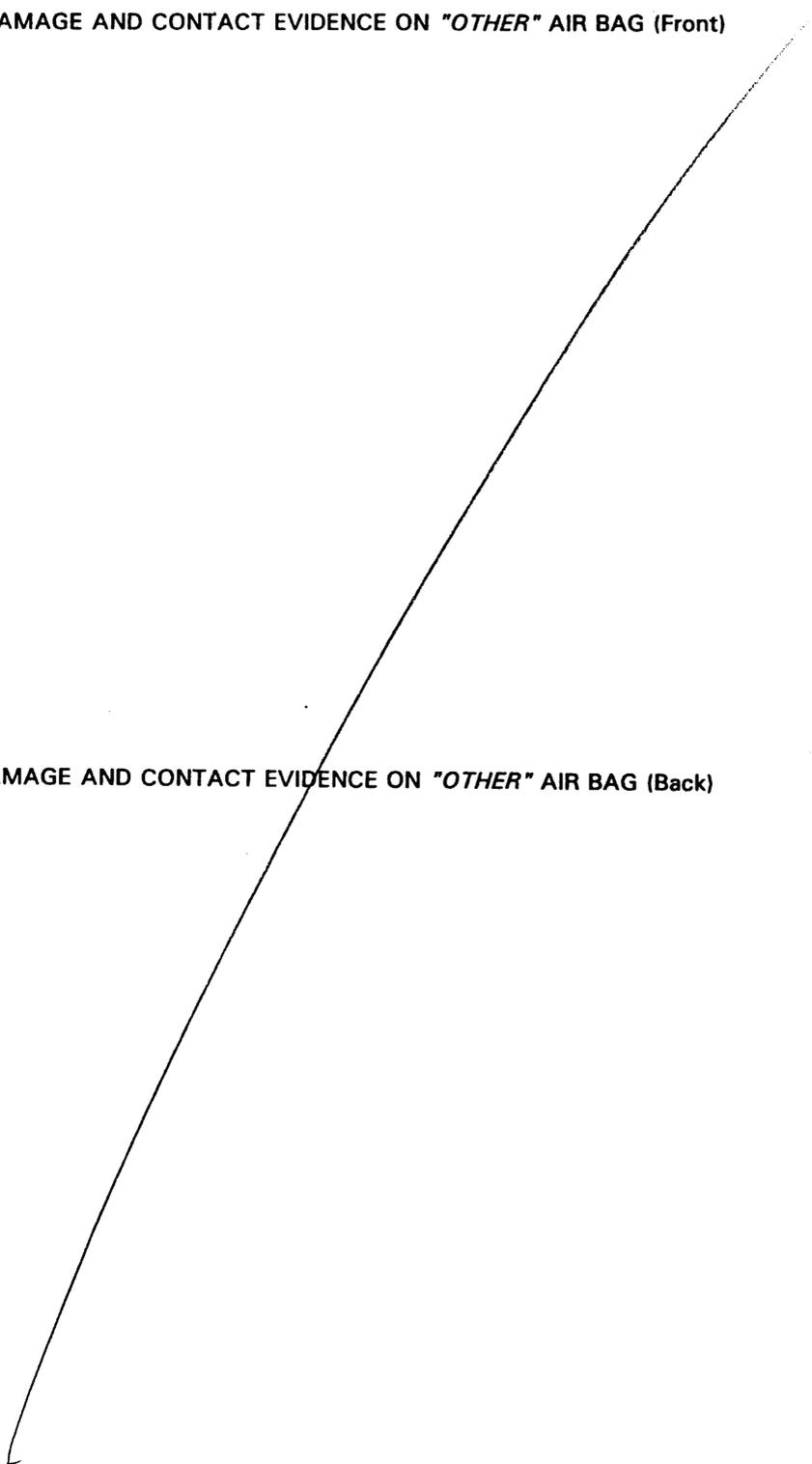
7. SKETCH LOCATION OF RECTANGULAR AIR BAG VENT PORTS



"OTHER" AIR BAG DAMAGE AND CONTACT SKETCHES

1. SKETCH DAMAGE AND CONTACT EVIDENCE ON "OTHER" AIR BAG (Front)

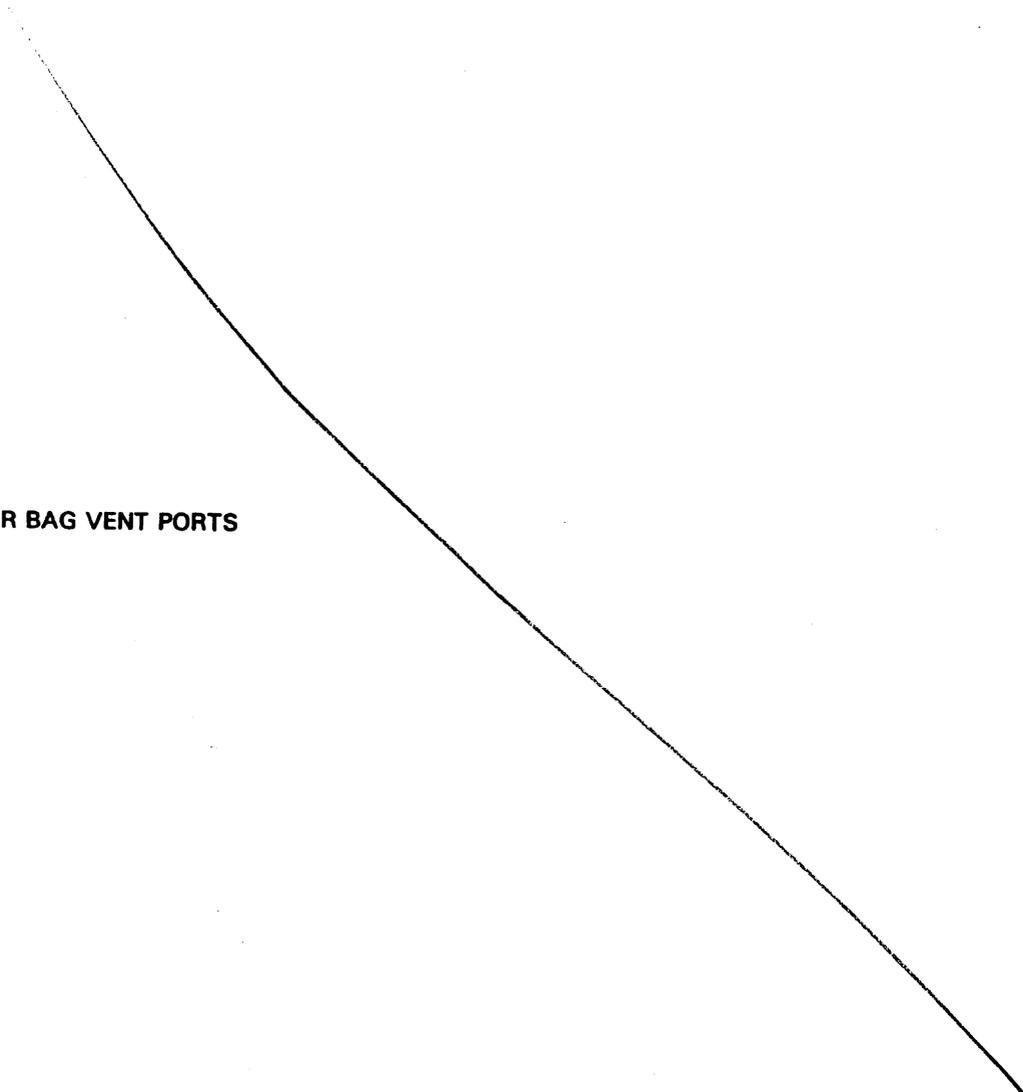
2. SKETCH DAMAGE AND CONTACT EVIDENCE ON "OTHER" AIR BAG (Back)



"OTHER" AIR BAG SKETCHES (Cont'd)

3. SKETCH AIR BAG MODULE FLAP AND SIZE OR OPENING FOR AIRBAG

4. SKETCH AIR BAG VENT PORTS



HEAD RESTRAINTS/SEAT EVALUATION

NOTES: Encode the applicable data for each seat position in the vehicle. The attribute for these variables may be found at the bottom of the page. Head restraint type/damage and seat type/performance should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

		Left	Center	Right
F I R S T	Head Restraint Type/Damage	1	0	1
	Seat Type	02	0	02
	Seat Performance	1	0	1
	Seat Orientation	1	0	1
	Seat Track Position	6	0	3
	Seat Back Incline Pre/Post Impact	23	0	23
S E C O N D	Head Restraint Type/Damage	1	0	1
	Seat Type	03	03	03
	Seat Performance	0	6	0
	Seat Orientation	0	0	0
	Seat Track Position	0	0	0
	Seat Back Incline Pre/Post Impact	0	0	0
T H I R D	Head Restraint Type/Damage			
	Seat Type			
	Seat Performance			
	Seat Orientation			
	Seat Track Position			
	Seat Back Incline Pre/Post Impact			
O T H E R	Head Restraint Type/Damage			
	Seat Type			
	Seat Performance			
	Seat Orientation			
	Seat Track Position			
	Seat Back Incline Pre/Post Impact			

**DESCRIBE ANY INDICATION OF ABNORMAL OCCUPANT POSTURE
(I.E., UNUSUAL OCCUPANT CONTACT PATTERN)**

HEAD RESTRAINTS/SEAT EVALUATION

Head Restraint Type/Damage by Occupant at This Occupant Position

- (0) No head restraints
- (1) Integral — no damage
- (2) Integral — damaged during accident
- (3) Adjustable — no damage
- (4) Adjustable — damaged during accident
- (5) Add-on — no damage
- (6) Add-on — damaged during accident
- (8) Other
Specify: _____
- (9) Unknown

Seat Type (this Occupant Position)

- (00) Occupant not seated or no seat
- (01) Bucket
- (02) Bucket with folding back
- (03) Bench
- (04) Bench with separate back cushions
- (05) Bench with folding back(s)
- (06) Split bench with separate back cushions
- (07) Split bench with folding back(s)
- (08) Pedestal (i.e., column supported)
- (09) Other seat type (specify): _____
- (10) Box mounted seat (i.e., van type)
- (99) Unknown

Seat Performance (this Occupant Position)

- (0) Occupant not seated or no seat
- (1) No seat performance failure(s)
- (2) Seat adjusters failed
- (3) Seat back folding locks or "seat back" failed (specify): _____
- (4) Seat tracks/anchors failed
- (5) Deformed by impact of occupant
- (6) Deformed by passenger compartment intrusion (specify): _____
- (7) Combination of above (specify): _____
- (8) Other (specify): _____
- (9) Unknown

Seat Orientation (this Occupant Position)

- (0) Occupant not seated or no seat
- (1) Forward facing seat
- (2) Rear facing seat
- (3) Side facing seat (inward)
- (4) Side facing seat (outward)
- (8) Other (specify): _____
- (9) Unknown

Seat Track Adjusted Position Prior To Impact

- (0) Occupant not seated or no seat
- (1) Non-adjustable seat track
- Adjustable Seat Track*
- (2) Seat at forward most track position
- (3) Seat between forward most and middle track positions
- (4) Seat at middle track position
- (5) Seat between middle and rear most track positions
- (6) Seat at rear most track position
- (9) Unknown

Seat Back Incline Prior and Post Impact

- (00) Occupant not seated or no seat
- (01) Not adjustable

Upright prior to impact

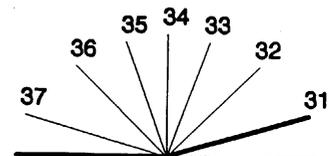
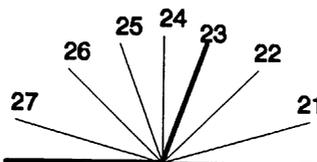
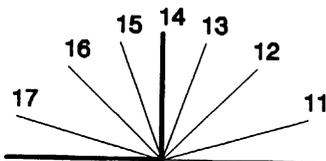
- (11) Moved to completely rearward position
- (12) Moved to rearward midrange position
- (13) Moved to slightly rearward position
- (14) Retained pre-impact position
- (15) Moved to slightly forward position
- (16) Moved to forward midrange position
- (17) Moved to completely forward position

Slightly reclined prior to impact

- (21) Moved to completely rearward position
- (22) Moved to rearward midrange position
- (23) Retained pre-impact position
- (24) Moved to upright position
- (25) Moved to slightly forward position
- (26) Moved to forward midrange position
- (27) Moved to completely forward position

Completely reclined prior to impact

- (31) Retained pre-impact position
- (32) Moved to rearward midrange position
- (33) Moved to slightly rearward position
- (34) Moved to upright position
- (35) Moved to slightly forward position
- (36) Moved to forward midrange position
- (37) Moved to completely forward position
- (99) Unknown



Coding diagrams for *Seat Back Incline Position Prior and Post Impact*

**DESCRIBE ANY INDICATION OF ABNORMAL OCCUPANT POSTURE
(I.E., UNUSUAL OCCUPANT CONTACT PATTERN)**

CHILD SAFETY SEAT FIELD ASSESSMENT

When a child safety seat is present enter the occupant's number in the first row and complete the column below the occupant's number using the codes listed below. Complete a column for each child safety seat present.

Occupant Number						
1. Type of Child Safety Seat						
2. Child Safety Seat Orientation						
3. Child Safety Seat Harness Usage						
4. Child Safety Seat Shield Usage						
5. Child Safety Seat Tether Usage						
6. Child Safety Seat Make/Model	Specify Below for Each Child Safety Seat					

1. Type of Child Safety Seat
 - (0) No child safety seat
 - (1) Infant seat
 - (2) Toddler seat
 - (3) Convertible seat
 - (4) Booster seat
 - (7) Other type child safety seat (specify): _____
 - (8) Unknown child safety seat type
 - (9) Unknown if child safety seat used

2. Child Safety Seat Orientation
 - (00) No child safety seat
 - Designed for Rear Facing for This Age/Weight
 - (01) Rear facing
 - (02) Forward facing
 - (08) Other orientation (specify): _____
 - (09) Unknown orientation
 - Designed for Forward Facing for This Age/Weight
 - (11) Rear facing
 - (12) Forward facing
 - (18) Other orientation (specify): _____
 - (19) Unknown orientation
 - Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight
 - (21) Rear facing
 - (22) Forward facing
 - (28) Other orientation (specify): _____
 - (29) Unknown orientation
 - (99) Unknown if child safety seat used

3. Child Safety Seat Harness Usage

4. Child Safety Seat Shield Usage

5. Child Safety Seat Tether Usage
 - Note: Options Below Are Used for Variables 3-5.
 - (00) No child safety seat
 - Not Designed with Harness/Shield/Tether
 - (01) After market harness/shield/tether added, not used
 - (02) After market harness/shield/tether used
 - (03) Child safety seat used, but no after market harness/shield/tether added
 - (09) Unknown if harness/shield/tether added or used
 - Designed With Harness/Shield/Tether
 - (11) Harness/shield/tether not used
 - (12) Harness/shield/tether used
 - (19) Unknown if harness/shield/tether used
 - Unknown If Designed With Harness/Shield/Tether
 - (21) Harness/shield/tether not used
 - (22) Harness/shield/tether used
 - (29) Unknown if harness/shield/tether used
 - (99) Unknown if child safety seat used

6. Child Safety Seat Make/Model
 - (Specify make/model and occupant number)
 - _____
 - _____
 - _____
 - _____

EJECTION/ENTRAPMENT DATA

Complete the following if the researcher has any indication that an occupant was either ejected from or entrapped in the vehicle. Code the appropriate data on the Occupant Assessment Form.

EJECTION No [] Yes []

Describe indications of ejection and body parts involved in partial ejection(s):

Occupant Number						
Ejection						
(Note on Vehicle Interior Sketch) Ejection Area						
Ejection Medium						
Medium Status						

Ejection

- (1) Complete ejection
- (2) Partial ejection
- (3) Ejection, Unknown degree
- (9) Unknown

Ejection Area

- (1) Windshield
- (2) Left front
- (3) Right front
- (4) Left rear
- (5) Right rear
- (6) Rear

(7) Roof

- (8) Other area (e.g., back of pickup, etc.) (specify):

(9) Unknown

Ejection Medium

- (1) Door/hatch/tailgate
- (2) Nonfixed roof structure
- (3) Fixed glazing
- (4) Nonfixed glazing (specify):

(5) Integral structure

- (8) Other medium (specify):

(9) Unknown

Medium Status (Immediately Prior to Impact)

- (1) Open
- (2) Closed
- (3) Integral structure
- (9) Unknown

ENTRAPMENT No [] Yes []

Describe entrapment mechanism: _____

Component(s): _____

(Note in vehicle interior diagram)



OCCUPANT ASSESSMENT FORM

1. Primary Sampling Unit Number 45
 2. Case Number - Stratum 276 B
 3. Vehicle Number 02
 4. Occupant Number 01

OCCUPANT'S CHARACTERISTICS

5. Occupant's Age 21
 Code actual age at time of accident.
 (00) Less than one year old (specify by month):

 (97) 97 years and older
 (99) Unknown

6. Occupant's Sex 1
 (1) Male
 (2) Female-not reported pregnant
 (3) Female-pregnant-1st trimester(1st-3rd month)
 (4) Female-pregnant-2nd trimester(4th-6th month)
 (5) Female-pregnant-3rd trimester(7th-9th month)
 (6) Female-pregnant-term unknown
 (9) Unknown

7. Occupant's Height 193
 Code actual height to the nearest centimeter.
 (999) Unknown
76 inches X 2.54 = 193 centimeters

8. Occupant's Weight 098
 Code actual weight to the nearest kilogram.
 (999)Unknown
215 pounds X .4536 = 098 kilograms

9. Occupant's Role 1
 (1) Driver
 (2) Passenger
 (9) Unknown

OCCUPANT'S SEATING

10. Occupant's Seat Position 11
Front Seat
 (11) Left side
 (12) Middle
 (13) Right side
 (14) Other (specify): _____
 (15) On or in the lap of another occupant

Second Seat
 (21) Left side
 (22) Middle
 (23) Right side
 (24) Other (specify): _____
 (25) On or in the lap of another occupant

Third Seat
 (31) Left side
 (32) Middle
 (33) Right side
 (34) Other (specify): _____
 (35) On or in the lap of another occupant

Fourth Seat
 (41) Left side
 (42) Middle
 (43) Right side
 (44) Other (specify): _____
 (45) On or in the lap of another occupant

(97) In or on unenclosed area
 (98) Other seat (specify): _____
 (99) Unknown

11. Occupant's Posture 0
 (0) Normal posture

Abnormal posture
 (1) Kneeling or standing on seat
 (2) Lying on or across seat
 (3) Kneeling, standing or sitting in front of seat
 (4) Sitting sideways or turned to talk with another occupant or to look out a rear window
 (5) Sitting on a console
 (6) Lying back in a reclined seat position
 (7) Bracing with feet or hands on a surface in front of seat
 (8) Other abnormal posture (specify): _____
 (9) Unknown

EJECTION/ENTRAPMENT

12. Ejection 0
 (0) No ejection
 (1) Complete ejection
 (2) Partial ejection
 (3) Ejection, unknown degree
 (9) Unknown

13. Ejection Area 0
 (0) No ejection
 (1) Windshield
 (2) Left front
 (3) Right front
 (4) Left rear
 (5) Right rear
 (6) Rear
 (7) Roof
 (8) Other area (e.g., back of pickup, etc.)
 (specify): _____
 (9) Unknown

14. Ejection Medium 0
 (0) No ejection
 (1) Door/hatch/tailgate
 (2) Nonfixed roof structure
 (3) Fixed glazing
 (4) Nonfixed glazing (specify): _____
 (5) Integral structure
 (8) Other medium (specify): _____
 (9) Unknown

15. Medium Status (Immediately Prior To Impact) 0
 (0) No ejection
 (1) Open
 (2) Closed
 (3) Integral structure
 (9) Unknown

16. Entrapment 0
 (0) Not entrapped/exit not inhibited
 (1) Entrapped/pinned - mechanically restrained
 (2) Could not exit vehicle due to jammed doors, fire, etc.
 (specify): _____
 (9) Unknown

17. Occupant Mobility 4
 (0) Occupant fatal before removed from vehicle
 (1) Removed from vehicle while unconscious or disoriented
 (2) Removed from vehicle due to injuries
 (3) Exited vehicle with some assistance
 (4) Exited vehicle under own power
 (5) Occupant fully ejected
 (9) Unknown

BELT SYSTEM FUNCTION

18. Manual (Active) Belt System Availability 4

- (0) None available
- (1) Belt removed/destroyed
- (2) Shoulder belt
- (3) Lap belt
- (4) Lap and shoulder belt
- (5) Belt available—type unknown

Integral Belt Partially Destroyed

- (6) Shoulder belt (lap belt destroyed/removed)
- (7) Lap belt (shoulder belt destroyed/removed)
- (8) Other belt (specify):

(9) Unknown

19. Manual (Active) Belt System Use 04

- (00) None used, not available, or belt removed/destroyed
- (01) Inoperative (specify):

- (02) Shoulder belt
- (03) Lap belt
- (04) Lap and shoulder belt
- (05) Belt used—type unknown
- (08) Other belt used (specify):

- (12) Shoulder belt used with child safety seat
- (13) Lap belt used with child safety seat
- (14) Lap and shoulder belt used with child safety seat
- (15) Belt used with child safety seat—type unknown
- (18) Other belt used with child safety seat (specify):
- (99) Unknown if belt used

20. Proper Use of Manual (Active) Belts 1

- (0) None used or not available
- (1) Belt used properly
- (2) Belt used properly with child safety seat

Belt Used Improperly

- (3) Shoulder belt worn under arm
- (4) Shoulder belt worn behind back or seat
- (5) Belt worn around more than one person
- (6) Lap belt worn on abdomen
- (7) Lap belt or lap and shoulder belt used improperly with child safety seat (specify):

(8) Other improper use of manual belt system (specify):

(9) Unknown

21. Manual (Active) Belt Failure Modes During Accident 1

- (0) No manual belt used or not available
- (1) No manual belt failure(s)
- (2) Torn webbing (stretched webbing not included)
- (3) Broken buckle or latchplate
- (4) Upper anchorage separated
- (5) Other anchorage separated (specify):

(6) Broken retractor

(7) Combination of above (specify):

(8) Other manual belt failure (specify):

(9) Unknown

22. Shoulder Belt Upper Anchorage Adjustment 1

- (0) No shoulder belt
- (1) No upper anchorage adjustment for shoulder belt

Adjustable shoulder Belt Upper Anchorage

- (2) In full up position
- (3) In mid position
- (4) In full down position
- (5) Position unknown
- (9) Unknown if position has adjustable upper anchorage adjustment

23. Automatic (Passive) Belt System Availability/Function 0

- (0) Not equipped/not available
- (1) 2 point automatic belts
- (2) 3 point automatic belts
- (3) Automatic belts - type unknown

Non-functional

- (4) Automatic belts destroyed or rendered inoperative
- (9) Unknown

24. Automatic (Passive) Belt System Use 0

- (0) Not equipped/not available/destroyed or rendered inoperative
- (1) Automatic belt in use
- (2) Automatic belt not in use (manually disconnected, motorized track inoperative) (specify):
- (3) Automatic belt use unknown
- (9) Unknown

25. Automatic (Passive) Belt System Type 0

- (0) Not equipped/not available
- (1) Non-motorized system
- (2) Motorized system
- (9) Unknown

26. Proper Use of Automatic (Passive) Belt System 0

- (0) Not equipped/not available/not used
- (1) Automatic belt used properly
- (2) Automatic belt used properly with child safety seat

Automatic Belt Used Improperly

- (3) Automatic shoulder belt worn under arm
- (4) Automatic shoulder belt worn behind back
- (5) Automatic belt worn around more than one person
- (6) Lap portion of automatic belt worn on abdomen
- (7) Automatic lap and shoulder belt or automatic shoulder belt used improperly with child safety seat (specify):

(8) Other improper use of automatic belt system (specify):

(9) Unknown

27. Automatic (Passive) Belt Failure Modes During Accident 0

- (0) Not equipped/not available/not in use
- (1) No automatic belt failure(s)
- (2) Torn webbing (stretched webbing not included)
- (3) Broken buckle or latchplate
- (4) Upper anchorage separated
- (5) Other anchorage separated (specify):

(6) Broken retractor

(7) Combination of above (specify):

(8) Other automatic belt failure (specify):

(9) Unknown

POLICE REPORTED RESTRAINT USE	AIR BAG SYSTEM FUNCTION
<p>28. Police Reported Belt Use <u>5</u></p> <p>(0) None used (1) Police did not indicate belt use (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt used, type not specified (6) Child safety seat (7) Automatic belt (8) Other type belt, (specify): _____ (9) Police indicated "unknown"</p> <p>29. Police Reported Air Bag Availability/Function <u>1</u></p> <p>(0) No air bag available (1) Police did not indicate air bag availability/function (2) Deployed (3) Not deployed (4) Unknown if deployed (9) Police indicated "unknown"</p> <hr/> <p>Check the Primary Source Used In Determining Belt Use.</p> <p><input type="checkbox"/> Not equipped/not available/destroyed or rendered inoperative <input type="checkbox"/> Vehicle inspection <input type="checkbox"/> Official injury data <input checked="" type="checkbox"/> Driver/occupant interview <input type="checkbox"/> Other (specify): _____</p> <p><input type="checkbox"/> Unknown if belt used</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>30. Frontal Air Bag System Availability/Function (This Occupant Position) <u>1</u></p> <p>(0) Not equipped/not available (1) Air bag</p> <p><i>Non-functional</i> (2) Air bag disconnected (specify): _____ (3) Air bag not reinstalled (9) Unknown</p> <p>31. Frontal Air Bag System Deployment (This Occupant Position) <u>1</u></p> <p>(0) Not equipped/not available (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown</p> <p>32. Other Than First Seat Frontal Air Bag Availability/Function (This Occupant Position) <u>0</u></p> <p>(0) Not equipped/not available (1) Air bag</p> <p><i>Non-functional</i> (2) Air bag disconnected (specify): _____ (3) Air bag not reinstalled (9) Unknown</p> <p><i>Specify type of "other" air bag present:</i> _____</p> <p>33. Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position) <u>0</u></p> <p>(0) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown</p> <p>34. Are There Indications of Air Bag System Failure? (This Occupant Position) <u>1</u></p> <p>(0) Not equipped/not available (1) No (2) Yes (specify): _____ (9) Unknown</p>

FIRST SEAT FRONTAL AIR BAG SYSTEM EVALUATION

35. Had Vehicle Been in Previous Accident(s)? 1
 (0) Not equipped/not available
 (1) No previous accidents
 Yes
 (2) Previous accident(s) without deployment(s)
 (3) One previous accident with deployment
 (4) More than one previous accident with at least one deployment
 (8) Previous accidents, unknown deployment status
 (9) Unknown
36. Type of Air Bag 1
 (0) Not equipped/not available
 (1) Original manufacturer installed system
 (2) Retrofitted air bag
 (3) Replacement air bag
 (8) Unknown type of air bag
 (9) Unknown
37. Had Any Prior Maintenance/Service Been Performed On This Air Bag System? 1
 (0) Not equipped/not available
 (1) No prior maintenance
 (2) Yes, prior maintenance (specify): _____
 (9) Unknown
38. Air Bag Deployment Accident Event Sequence Number 01
 (00) Not equipped/not available
 _____ Code the accident event sequence number that initiated the air bag deployment
 (96) Deployed, unknown event
 (97) Not deployed
 (98) Unknown if deployed
 (99) Unknown
39. CDC For Air Bag Deployment Impact 1
 (0) Not equipped/not available
 (1) Highest delta V
 (2) Second highest delta V
 (3) Other non-coded delta V (specify): _____
 (6) Deployed, unknown event
 (7) Not deployed
 (8) Unknown if deployed
 (9) Unknown
40. Longitudinal Component of Delta V For Air Bag Deployment Impact + 012
~~000~~ 996
 (000) Not equipped/not available
 Code the value of the delta V for the impact that initiated the air bag deployment
 (996) Deployment, unknown longitudinal Delta V
 (997) Not deployed
 (998) Unknown if deployed
 (999) Unknown
41. Did Air Bag Module Cover Flap(s) Open At Designated Tear Points? 2
 (0) Not equipped/not available
 (1) No
 (2) Yes
 (3) Deployed, unknown if flap(s) opened at designated tear points
 (7) Not deployed
 (8) Unknown if deployed
 (9) Unknown
42. Were Air Bag Module Cover Flap(s) Damaged? 1
 (0) Not equipped/not available
 (1) No
 (2) Yes (specify): _____
 (3) Deployed, unknown if air bag module cover flap(s) damaged
 (7) Not deployed
 (8) Unknown if deployed
 (9) Unknown
43. Was There Damage To The Air Bag? 01
 (00) Not equipped/not available
 (01) Not damaged
 Yes - Air Bag Damage
 (02) Ruptured
 (03) Cut
 (04) Torn
 (05) Holed
 (06) Burned
 (07) Abraded
 (88) Other damage (specify): _____
 (95) Damaged, details unknown
 (96) Deployed, unknown if damaged
 (97) Not deployed
 (98) Unknown if deployed
 (99) Unknown

**FIRST SEAT FRONTAL AIR BAG SYSTEM
EVALUATION** *continued*

44. Source of Air Bag Damage 01
 (00) Not equipped/not available
 (01) Not damaged
 (02) Object worn by occupant, (specify):

 (03) Object carried by occupant, (specify):

 (04) Adaptive/assistive controls, (specify):

 (05) Fire in vehicle
 (06) Thermal burns
 (07) Rescue or emergency efforts
 (88) Other damage source (specify):

 (95) Damaged, unknown source
 (96) Deployed, unknown if damaged
 (97) Not deployed
 (98) Unknown if deployed
 (99) Unknown
45. Was The Air Bag Tethered? 1
 (0) Not equipped/not available
 (1) No
 (2) Yes (specify number of tether straps):

 (3) Deployed, unknown if tethered
 (7) Not deployed
 (8) Unknown if deployed
 (9) Unknown
46. Did The Air Bag Have Vent Ports? 2
 (0) Not equipped/not available
 (1) No
 (2) Yes (specify number of vent ports): 2

 (3) Deployed, unknown if vent ports present
 (7) Not deployed
 (8) Unknown if deployed
 (9) Unknown
47. Was the Air Bag in this Occupant's Position Contacted by Another Occupant? 1
 (0) Not equipped/not available
 (1) No
 (2) Yes (specify):

 (3) Deployed, unknown if other occupant contact to air bag
 (7) Not deployed
 (8) Unknown if deployed
 (9) Unknown
48. Was This Occupant Wearing Eye-wear? 1
 (0) Not equipped/not available
 (1) No
 (2) Eyeglasses/sunglasses
 (3) Contact lenses
 (4) Deployed, unknown if eyewear worn
 (7) Not deployed
 (8) Unknown if deployed
 (9) Unknown

HEAD RESTRAINT AND SEAT EVALUATION

49. Head Restraint Type/Damage by Occupant at This Occupant Position 1
 (0) No head restraints
 (1) Integral—no damage
 (2) Integral—damaged during accident
 (3) Adjustable—no damage
 (4) Adjustable—damaged during accident
 (5) Add-on—no damage
 (6) Add-on—damaged during accident
 (8) Other (specify):

 (9) Unknown
50. Seat Type (this Occupant Position) 02
 (00) Occupant not seated or no seat
 (01) Bucket
 (02) Bucket with folding back
 (03) Bench
 (04) Bench with separate back cushions
 (05) Bench with folding back(s)
 (06) Split bench with separate back cushions
 (07) Split bench with folding back(s)
 (08) Pedestal (i.e., column supported)
 (09) Box mounted seat (i.e., van type)
 (10) Other seat type (specify):

 (99) Unknown
51. Seat Orientation (this Occupant Position) 1
 (0) Occupant not seated or no seat
 (1) Forward facing seat
 (2) Rear facing seat
 (3) Side facing seat (inward)
 (4) Side facing seat (outward)
 (8) Other (specify):

 (9) Unknown
52. Seat Track Adjusted Position Prior To Impact 6
 (0) Occupant not seated or no seat
 (1) Non-adjustable seat track

Adjustable Seat Track
 (2) Seat at forward most track position
 (3) Seat between forward most and middle track positions
 (4) Seat at middle track position
 (5) Seat between middle and rear most track positions
 (6) Seat at rear most track position
 (9) Unknown

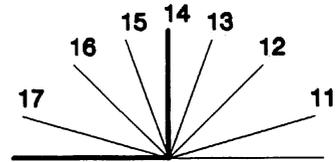
HEAD RESTRAINT AND SEAT EVALUATION *continued*

53. Seat Back Incline Prior and Post Impact 23

- (00) Occupant not seated or no seat
- (01) Not adjustable

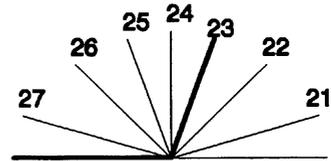
Upright prior to impact

- (11) Moved to completely rearward position
- (12) Moved to rearward midrange position
- (13) Moved to slightly rearward position
- (14) Retained pre-impact position
- (15) Moved to slightly forward position
- (16) Moved to forward midrange position
- (17) Moved to completely forward position



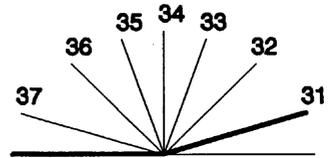
Slightly reclined prior to impact

- (21) Moved to completely rearward position
- (22) Moved to rearward midrange position
- (23) Retained pre-impact position
- (24) Moved to upright position
- (25) Moved to slightly forward position
- (26) Moved to forward midrange position
- (27) Moved to completely forward position



Completely reclined prior to impact

- (31) Retained pre-impact position
- (32) Moved to rearward midrange position
- (33) Moved to slightly rearward position
- (34) Moved to upright position
- (35) Moved to slightly forward position
- (36) Moved to forward midrange position
- (37) Moved to completely forward position



(99) Unknown

54. Seat Performance (this Occupant Position) 1

- (0) Occupant not seated or no seat
- (1) No seat performance failure(s)
- (2) Seat adjusters failed
- (3) Seat back folding locks or "seat back" failed (specify): _____
- (4) Seat track/anchors failed
- (5) Deformed by impact of occupant
- (6) Deformed by passenger compartment intrusion, (specify): _____
- (7) Combination of above (specify): _____
- (8) Other (specify): _____
- (9) Unknown

CHILD SAFETY SEAT

55. Child Safety Seat Make/Model 000
 (000) No child safety seat
 Applicable codes are found in your NASS CDS
 Data Collection, Coding and Editing
 (950) Built-in child safety seat
 (997) Other make/model (specify):

 (998) Unknown make/model
 (999) Unknown if child safety seat used

56. Type of Child Safety Seat 0
 (0) No child safety seat
 (1) Infant seat
 (2) Toddler seat
 (3) Convertible seat
 (4) Booster seat - with shield
 (5) Booster seat - without shield
 (7) Other type child safety seat (specify):

 (8) Unknown child safety seat type
 (9) Unknown if child safety seat used

57. Child Safety Seat Orientation 00
 (00) No child safety seat

Designed for Rear Facing for This Age/Weight

(01) Rear facing
 (02) Forward facing
 (08) Other orientation (specify):

 (09) Unknown orientation

Designed For Forward Facing for This Age/Weight

(11) Rear facing
 (12) Forward facing
 (18) Other orientation (specify):

 (19) Unknown orientation

Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight

(21) Rear facing
 (22) Forward facing
 (28) Other orientation (specify):

 (29) Unknown orientation

(99) Unknown if child safety seat used

58. Child Safety Seat Harness Usage 00

59. Child Safety Seat Shield Usage 00

60. Child Safety Seat Tether Usage 00

Note: Options below applicable to
 Variables OA58-OA60.

(00) No child safety seat

Not Designed With Harness/Shield/Tether

(01) After market harness/shield/tether
 added, not used
 (02) After market harness/shield/tether used
 (03) Child safety seat used, but no after market
 harness/shield/tether added
 (09) Unknown if harness/shield/tether
 added or used

Designed With Harness/Shield/Tether

(11) Harness/shield/tether not used
 (12) Harness/shield/tether used
 (19) Unknown if harness/shield/tether used

Unknown If Designed With Harness/Shield/Tether

(21) Harness/shield/tether not used
 (22) Harness/shield/tether used
 (29) Unknown if harness/shield/tether used

(99) Unknown if child safety seat used

INJURY CONSEQUENCES61. Injury Severity (Police Rating) 0

- (0) O - No injury
- (1) C - Possible injury
- (2) B - Nonincapacitating injury
- (3) A - Incapacitating injury
- (4) K - Killed
- (5) U - Injury, severity unknown
- (6) Died prior to accident
- (9) Unknown

62. Treatment - Mortality 0

- (0) No treatment
- (1) Fatal
- (2) Fatal - ruled disease (specify):

Nonfatal

- (3) Hospitalization
- (4) Transported and released
- (5) Treatment at scene - nontransported
- (6) Treatment later
- (7) Treatment - other (specify):

- (8) Transported to a medical facility-unknown if treated
- (9) Unknown

63. Type Of Medical Facility (for Initial Treatment) 0

- (0) Not treated at a medical facility
- (1) Trauma center
- (2) Hospital
- (3) Medical clinic
- (4) Physician's office
- (5) Treatment later at medical facility
- (8) Other (specify):

(9) Unknown

64. Hospital Stay 00

(00) Not Hospitalized

Code the number of days (up through 60) that the occupant stayed in hospital.

- (61) 61 days or more
- (99) Unknown

65. Working Days Lost 00

Code the number of days (up through 60) that the occupant lost from work due to the accident

- (00) No working days lost
- (61) 61 days or more
- (62) Fatally injured
- (97) Not working prior to accident
- (99) Unknown

STOP WORK HERE**VARIABLES 66-74****TO BE CODED BY THE ZONE CENTER**

TO BE CODED BY THE ZONE CENTER

INJURY CONSEQUENCES

TRAUMA DATA

66. Time to Death 00
 _____ Code number of hours from time of accident to time of death up through 24 hours. If time of death is greater than 24 hours, code number of days. (Note: 1 day = 31, 2 days = 32, ... n days = 30 + n up through 30 days = 60)
 (00) Not fatal
 (96) Fatal - ruled disease
 (99) Unknown

67. 1st Medically Reported Cause of Death 00

68. 2nd Medically Reported Cause of Death 00

69. 3rd Medically Reported Cause of Death 00
 _____ Code the Occupant Injury from line number(s) for the medically reported injury(s) which reportedly contributed to this occupant's death
 (00) Not fatal or no additional causes
 (96) Mode of death given but specific injuries are not linked to cause of death. (specify): _____

(97) Other result (includes fatal ruled disease) (specify): _____

(99) Unknown

70. Number of Recorded Injuries for This Occupant 00
 _____ Code the actual number of injuries recorded for this occupant.
 (00) No recorded injuries
 (97) Injured, details unknown
 (99) Unknown if injured

71. Glasgow Coma Scale (GCS) Score 00
 (at Medical Facility)
 (00) Not injured
 (01) Injured - not treated at medical facility
 (02) No GCS Score at medical facility
 (03-15) Code the actual value of the initial GCS Score recorded at medical facility.
 (97) Injured, details unknown
 (99) Unknown if injured

72. Was the Occupant Given Blood? 1
 (1) No - blood not given
 (2) Yes - blood given
 (specify units): _____
 (9) Unknown if blood given

73. Arterial Blood Gases (ABG) - HCO₃ 00
 (00) Not injured
 (01) Injured, ABGs not measured or reported
 (02-50) Code the actual value of the HCO₃
 (96) ABGs reported, HCO₃ unknown
 (97) Injured, details unknown
 (99) Unknown if injured

BELT USE DETERMINATION

74. Primary Source of Belt Use Determination 1
 (0) Not equipped/not available/destroyed or rendered inoperative
 (1) Vehicle inspection
 (2) Official injury data
 (3) Driver/occupant interview
 (8) Other (specify): _____
 (9) Unknown if belt used

PSU NUMBER	<u>45</u>
CASE NUMBER	<u>2768</u>
VEHICLE NUMBER	<u>02</u>
OCCUPANT NUMBER	<u>01</u>

OCCUPANT INJURY FORM

THE FOLLOWING DATA IS NOT INCLUDED IN THIS CASE:

ENTIRE FORM

PAGE NUMBER (S) _____

FRICITION INFORMATION **TRAJECTORY INFORMATION**

Coefficient of Friction _____
 Rolling Resistance Option _____

Vehicle 1 Rolling Resistance
 LF _____ RF _____
 LR _____ RR _____

Vehicle 2 Rolling Resistance
 LF _____ RF _____
 LR _____ RR _____

Trajectory Data [] No [] Yes
If No, Go To Damage Information

Vehicle 1 Steer Angles
 LF _____ ° RF _____ °
 LR _____ ° RR _____ °

Vehicle 2 Steer Angles
 LF _____ ° RF _____ °
 LR _____ ° RR _____ °

Terrain Boundary [] No [] Yes

First Point
 X _____ m Y _____ m

Second Point
 X _____ m Y _____ m

Secondary Coefficient of Friction _____

DAMAGE INFORMATION

VEHICLE 1	VEHICLE 2
Damage Length L <u>152</u> cm	Damage Length L _____ cm
Crush Depths C ₁ <u>069</u> cm C ₂ <u>010</u> cm C ₃ <u>003</u> cm C ₄ <u>000</u> cm C ₅ <u>000</u> cm C ₆ <u>000</u> cm	Crush Depths C ₁ _____ cm C ₂ _____ cm C ₃ _____ cm C ₄ _____ cm C ₅ _____ cm C ₆ _____ cm
Damage Offset D <u>± 059</u> cm	Damage Offset D <u>±</u> _____ cm

IF THIS COMMON IMPACT WAS WITH A MOTOR VEHICLE NOT IN TRANSPORT, FILL IN THE INFORMATION BELOW.

Model Year: _____
 Make: _____
 Model: _____
 VIN: _____

The Weight, CDC, Scene Data and Damage Information for this vehicle should be recorded above.

Complete and ATTACH the appropriate vehicle damage sketch and dimensions to the Form.

SUMMARY OF CRASHPC RESULTS USING DAMAGE

45 276B Z.C. RERUN V1 EST. DV IMP. 1

SPEED CHANGE
 (DAMAGE)

VEHICLE #1

TOTAL 14 KPH (9 MPH)
 LONGITUDINAL -14 KPH (-9 MPH)
 LATITUDINAL -2 KPH (-2 MPH)
 PDOF ANGLE 10 DEGREES
 ENERGY DISSIPATED = 24252 JOULES (17885 FT-LB)

VEHICLE #2

TOTAL 0 KPH (0 MPH)
 LONGITUDINAL 0 KPH (0 MPH)
 LATITUDINAL 0 KPH (0 MPH)
 PDOF ANGLE 0 DEGREES
 ENERGY DISSIPATED = 0 JOULES (0 FT-LB)

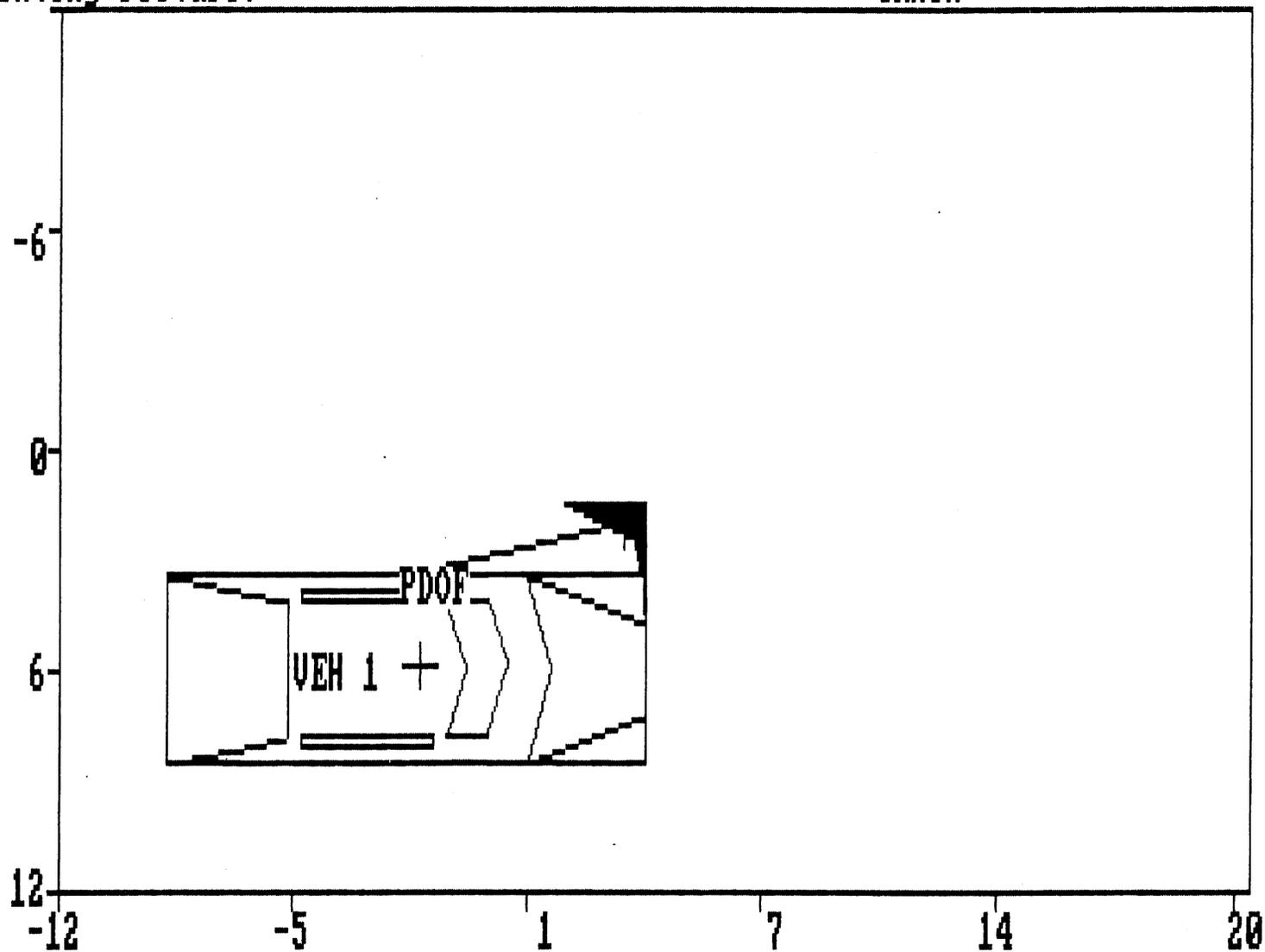
DAMAGE DATA

	VEHICLE #1	VEHICLE #2
SIZE CATEGORY	1	11
STIFFNESS CATEGORY	1	0
VEHICLE WEIGHT	1203 KGS (2652 LBS)	***** KGS (2204586/LBS) *
CDC	12FLEE7	BARRIER
PDOF ANGLE	10 DEGREES	0 DEGREES *
CRUSH LENGTH	152 CM. (60 IN.)	0 CM. (0 IN.) *
C1	69 CM. (27 IN.)	0 CM. (0 IN.) *
C2	10 CM. (4 IN.)	0 CM. (0 IN.) *
C3	3 CM. (1 IN.)	0 CM. (0 IN.) *
C4	0 CM. (0 IN.)	0 CM. (0 IN.) *
C5	0 CM. (0 IN.)	0 CM. (0 IN.) *
C6	0 CM. (0 IN.)	0 CM. (0 IN.) *
D	-59 CM. (-23 IN.)	0 CM. (0 IN.) *
D'	-117 CM. (-46 IN.)	-120 CM. (-47 IN.) *

(* INDICATES DEFAULT VALUE)
 PRESS ANY KEY TO CONTINUE

Printing Picture:

CRASH



DAMAGE DESCRIPTION



U.S. Department of Transportation

National Highway Traffic Safety Administration

CRASHPC PROGRAM SUMMARY

(All Measurements In Metric)

NATIONAL ACCIDENT SAMPLING SYSTEM
CRASHWORTHINESS DATA SYSTEM

Barrett - A2
EST DV

Identifying Title

45

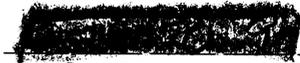
Primary Sampling Unit

276 B

Case No.-Stratum

01

Accident Event Sequence No.



96

Date (Month, day, year) of Run

CRASHPC Vehicle Identification

Vehicle 1

Vehicle 2

1995

Year

HONDA

Make

CIVIC ZDR COUPE EX

Model

11

NASS Veh. No.

GENERAL INFORMATION

VEHICLE 1

Size

11

Weight

 + + = kg
Curb Occupant(s) Cargo

CDC

PDOF (-180 to +180) + °

Stiffness

VEHICLE 2

Size

1

Weight

1012 + 98 + 0 = 1110 kg
Curb Occupant(s) Cargo

CDC

PDOF (-180 to +180) 2 + 040 °

Stiffness

010 1

SCENE INFORMATION

Rest and Impact Positions [] No, Go To Damage Information [] Yes

VEHICLE 1

Rest Position

X m
Y m
PSI °

Impact Position

X m
Y m
PSI °

Slip Angle(-180 to +180) °

VEHICLE 2

Rest Position

X m
Y m
PSI °

Impact Position

X m
Y m
PSI °

Slip Angle (-180 to +180) °

VEHICLE MOTION

Sustained Contact [] No [] Yes

VEHICLE 1

Vehicle Rotation [] No [] Yes

Rotation Stop Before Rest [] No [] Yes

End of Rotation Position X m
Y m
PSI °

Curved Path [] No [] Yes

Point on Path X m Y m

Rotation Direction [] None [] CW [] CCW

Rotation >360° [] No [] Yes

VEHICLE 2

Vehicle Rotation [] No [] Yes

Rotation Stop Before Rest [] No [] Yes

End of Rotation Position X m
Y m
PSI °

Curved Path [] No [] Yes

Point on Path X m Y m

Rotation Direction [] None [] CW [] CCW

Rotation >360° [] No [] Yes

FRICITION INFORMATION **TRAJECTORY INFORMATION**

Coefficient of Friction _____
 Rolling Resistance Option _____

Vehicle 1 Rolling Resistance
 LF _____ RF _____
 LR _____ RR _____

Vehicle 2 Rolling Resistance
 LF _____ RF _____
 LR _____ RR _____

Trajectory Data [] No [] Yes
If No, Go To Damage Information

Vehicle 1 Steer Angles
 LF _____ ° RF _____ °
 LR _____ ° RR _____ °

Vehicle 2 Steer Angles
 LF _____ ° RF _____ °
 LR _____ ° RR _____ °

Terrain Boundary [] No [] Yes

First Point
 X _____ m Y _____ m

Second Point
 X _____ m Y _____ m

Secondary Coefficient of Friction _____

DAMAGE INFORMATION

VEHICLE 1		VEHICLE 2	
Damage Length	L _____ cm	Damage Length	L <u>150</u> cm
Crush Depths	C ₁ _____ cm	Crush Depths	C ₁ <u>012</u> cm
	C ₂ _____ cm		C ₂ <u>006</u> cm
	C ₃ _____ cm		C ₃ <u>001</u> cm
	C ₄ _____ cm		C ₄ <u>000</u> cm
	C ₅ _____ cm		C ₅ <u>000</u> cm
	C ₆ _____ cm		C ₆ <u>000</u> cm
Damage Offset	D ± _____ cm	Damage Offset	D <u>068</u> cm

IF THIS COMMON IMPACT WAS WITH A MOTOR VEHICLE NOT IN TRANSPORT, FILL IN THE INFORMATION BELOW.

Model Year: _____
 Make: _____
 Model: _____
 VIN: _____

The Weight, CDC, Scene Data and Damage Information for this vehicle should be recorded above.

Complete and ATTACH the appropriate vehicle damage sketch and dimensions to the Form.

: INPUT CALCULATE TRAJECTORY OUTPUT GRAPHICS EXIT ;
 #####<

SUMMARY OF CRASHPC RESULTS USING DAMAGE

45 276B Z.C. RERUN V2 EST. DV IMP 1

SPEED CHANGE
 (DAMAGE)

VEHICLE #1

TOTAL 0 KPH (0 MPH)
 LONGITUDINAL 0 KPH (0 MPH)
 LATITUDINAL 0 KPH (0 MPH)
 PDOF ANGLE 0 DEGREES
 ENERGY DISSIPATED = 0 JOULES (0 FT-LB)

VEHICLE #2

TOTAL 12 KPH (7 MPH)
 LONGITUDINAL -12 KPH (-7 MPH)
 LATITUDINAL 2 KPH (1 MPH)
 PDOF ANGLE -10 DEGREES
 ENERGY DISSIPATED = 9270 JOULES (6836 FT-LB)

: INPUT CALCULATE TRAJECTORY OUTPUT PRESS ANY KEY TO CONTINUE
 GRAPHICS EXIT ;
 #####<

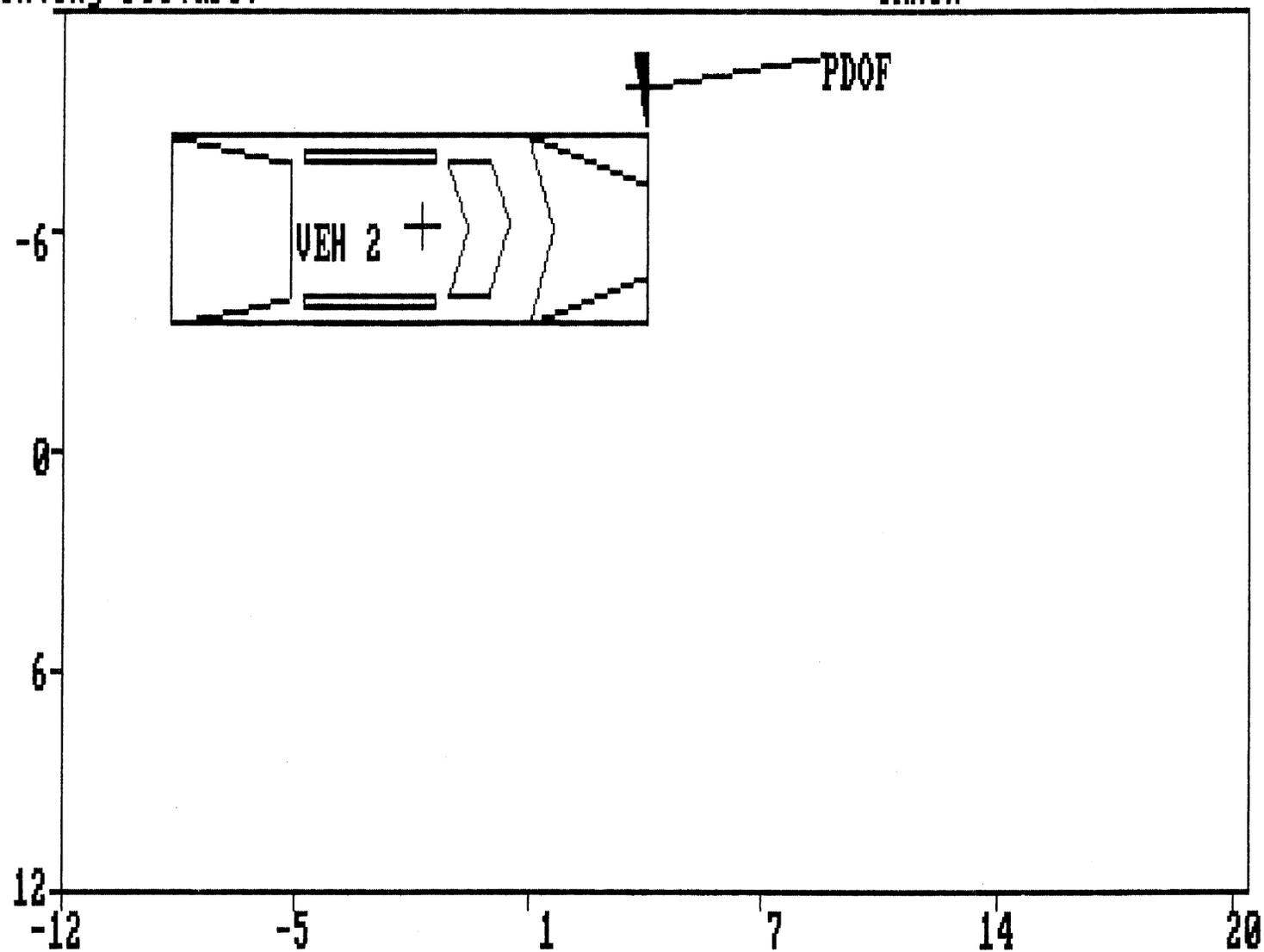
DAMAGE DATA

	VEHICLE #1	VEHICLE #2
SIZE CATEGORY	11	1
STIFFNESS CATEGORY	0	1
VEHICLE WEIGHT	***** KGS (2204586 LBS) *	1110 KGS (2447 LBS)
CDC	BARRIER	12FLEE9
PDOF ANGLE	0 DEGREES *	-10 DEGREES
CRUSH LENGTH	0 CM. (0 IN.) *	150 CM. (59 IN.)
C1	0 CM. (0 IN.) *	12 CM. (5 IN.)
C2	0 CM. (0 IN.) *	6 CM. (2 IN.)
C3	0 CM. (0 IN.) *	1 CM. (0 IN.)
C4	0 CM. (0 IN.) *	0 CM. (0 IN.)
C5	0 CM. (0 IN.) *	0 CM. (0 IN.)
C6	0 CM. (0 IN.) *	0 CM. (0 IN.)
D	0 CM. (0 IN.) *	-68 CM. (-27 IN.)
D'	-117 CM. (-46 IN.) *	-120 CM. (-47 IN.)

(* INDICATES DEFAULT VALUE)

Printing Picture:

CRASH



DAMAGE DESCRIPTION

INTERIOR VEHICLE Vehicle: 1

INTRA ERRORS

CC0541 2 ***** THIS CASE SHOWS A POSSIBLE HOLED WINDSHIELD. *****
CC0542 ***** CHECK YOUR DATA AND IF CORRECT, NOTIFY YOUR ZONE *****
CC0543 GLAZING WINDSHIELD IV31 equals 3 or 5 or CONTACT WINDSHIELD IV39
CC0544 equals 4 or 6.

PSU45 ERROR SUMMARY SCREEN
CASE 276B
CURRENT VERSION: 8.05

██████████86

FORM NAME	NUMBER OF DOLLAR SIGNS	NUMBER OF LEVEL 1 ERRORS	NUMBER OF LEVEL 2 ERRORS	VERSION NUMBER CONSISTENT
Accident	0	0	0	Y
General Vehicle	0	0	0	Y
Vehicle Exterior	0	0	0	Y
Vehicle Interior	0	0	1	Y
Occupant Assessment	0	0	0	Y
Occupant Injury	0	0	0	Y
Total Inter Errors		0	0	
Total Case Errors	0	0	1	



PSU 45-276B (1995) #1



PSU 45-276B (1995) #2



PSU 45-278B (1995) #3



PSU 45-276B (1995) #4



PSU 45-276B (1995) #5



PSU 45-276B (1995) #6



PSU 45-276B (1995) #7



PSU 45-276B (1995) #8



PSU 45-276B (1995) #9



PSU 45-276B (1995) #10



PSU45-276B (1995) #11

10/11

10/11

PSU 45-276B (1995) #12



PSU 45-276B (1995) #13



PSU 45-276B (1995) #14



PSU 45-276B (1995) #15



PSU45-276B (1995) #16



PSU 45-276B (1995) #17



PSJ 45-276B (1995) #18



PSU 45-276B (1995) #19



PSU 45-276B (1995) #20



PSU 45-276B (1995) #21



PSU 45-276B (1995) #22



PSU 45-276B (1995) #23



PSU 45-276B (1995) #24



PSU 45-276B (1995) #25



PSU 45-278B (1995) #26



PSU 45-276B (1995) #27



PSU 45-276B (1995) #28



PSU 45-276B (1995) #29



PSU 45-276B (1995) #30



PSU 45-276B (1995) #31



PSU 45-276B (1995) #32



PSU 45-276B (1995) #33



PSU 45-276B (1995) #34



PSU 45-276B (1995) #36
Best Available



**PSU 45-276B (1995) #37
Best Available**



PSU 45-276B (1995) #38
Best Available



PSU 45-276B (1995) #39
Best Available



PSU 45-276B (1995) #40



PSU 45-276B (1995) #41



PSU 45-276B (1995) #42



PSU 45-276B (1995) #43



PSU 45-276B (1995) #44
Best Available



PSU 45-276B (1995) #45



PSU 45-276B (1995) #46



PSU 45-276B (1995) #47



PSU 45-276B (1995) #48



PSU 45-278B (1985) #49



PSU 45-276B (1995) #50



PSU 45-276B (1995) #51



PSU 45-276B (1995) #52



PSU 45-276B (1995) #53



PSU 45-276B (1985) #54



PSU 45-276B (1995) #55



IF IT HURT
YOU OR ANYONE
IT WILL GO TO
THE POLICE

PSU 45-276B (1995) #56



FSU 45-276B (1995) #57
Best Available



PSU 45-276B (1985) #58



PSU 45-276B (1995) #59



PSU 45-278B (1995) #60



PSU 45-276B (1995) #61
Best Available



PSU 45-276B (1995) #62



**PSU 45-276B (1985) #63
Best Available**



**PSU 45-276B (1995) #64
Best Available**



**PSU 45-276B (1995) #65
Best Available**



PSU 45-276B (1995) #66
Best Available



**PSU 45-276B (1985) #67
Best Available**



PSU 45-276B (1995) #68



PSU 45-276B (1995) #89



PSU 45-276B (1995) #70
Best Available



PSU 45-276B (1995) #71
Best Available



PSU 45-276B (1995) #72
Best Available



PSU 45-276B (1995) #73
Best Available



PSU 45-276B (1995) #74



PSU 45-2788 (1985) #75



PSU 45-276B (1995) #76
Best Available



PSU 45-276B (1995) #77



PSU 45-276B (1995) #78



PSU 45-276B (1995) #79
Best Available



PSU 45-276B (1995) #80
Best Available



PSU 45-276B (1995) #81



PSU 45-276B (1995) #82



PSU 45-276B (1995) #63
Best Available



PSU 45-276B (1995) #84
Best Available



**PSU 45-276B (1995) #65
Best Available**



PSU 45-276B (1995) #86



PSU 45-276B (1995) #87



PSU 45-276B (1995) #88



PSU 45-276B (1995) #89



PSU 45-276B (1995) #90
Best Available



PSU 45-276B (1995) #91
Best Available



PSU 45-276B (1995) #92
Best Available



PSU 45-276B (1995) #93
Best Available



**PSU 45-276B (1895) #94
Best Available**



PSU 45-276B (1995) #95



PSU 45-276B (1995) #96



PSU 45-278B (1995) #97



PSU 45-276B (1995) #98



PSU 45-276B (1995) #99



PSU 45-276B (1995) #100



PSU 45-276B (1995) #101



PSU 45-276B (1995) #102
Best Available



PSU 45-276B (1995) #103
Best Available



PSU 45-276B (1995) #104
Best Available



PSU 45-276B (1995) #105
Best Available



PSU 45-276B (1995) #106
Best Available



PSU 45-276B (1895) #107
Best Available



PSU 45-276B (1995) #108



PSU 45-276B (1995) #109
Best Available



PSU 45-276B (1995) #110



PSU 45-276B (1995) #111



PSU 45-276B (1995) #112
Best Available



PSU 45-276B (1995) #113



PSU 45-276B (1995) #114



PSU45-276B (1995) #115



PSU 45-276B (1995) #116



PSU 45-276B (1995) #117



PSU 45-278B (1995) #118



PSU 45-276B (1995) #119



PSU 45-276B (1995) #120



PSU 45-2768 (1995) #121



PSU 45-276B (1995) #122



PSU 45-276B (1995) #123



PSU 45-278B (1995) #124