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

U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

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.

*** *** ***

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

CASE SUMMARY

NATIONAL ACCIDENT SAMPLING SYSTEM
CRASHWORTHINESS DATA SYSTEM

PSU 73 CASE NO. 123J TYPE OF ACCIDENT car-car broadside/car-rollover

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.)

Vehicle #1 was traveling north on a two lane road whole vehicle #2 was traveling west on a two lane state highway. Vehicle #1 hit vehicle #2 broadside in the drivers side in the intersection. Vehicle #2 then spun 180^0 degrees clockwise and flipped over onto its roof in a ditch. The driver of vehicle #2 was ejected. Vehicle #1 stopped approximately at impact. Vehicles were both towed. Both drivers were transported to the hospital. Driver of vehicle #2 later died.

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	
01	compact	1984 Chevy Cavalier wagon	front	moderate	none
02	compact	1992 Chrysler Lebaron	left	moderate	none

DO NOT SANITIZE THIS FORM

HS Form 434A (1/93)

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
01	driver	left front	lap&shoulder	Bilateral Knees	contusion	1	INSTRUMENT PANEL
01	passenger	right front	lap&shoulder	Ribs	bruised	1	SEATBELT
02	driver	left front	none	Pelvic	fractures	4	GROUND

Body Region

Abdomen
Ankle—foot
Arm (upper)
Back-thoracolumbar spine
Chest
Elbow
Face
Forearm
Head—skull
Knee
Leg (lower)
Lower limbs(s) (whole or unknown part)
Neck—cervical spine
Pelvic—hip
Shoulder
Thigh
Upper limb(s) (whole or unknown part)
Whole body
Wrist—hand
Brain
Ears
Eye
Heart
Kidneys
Liver
Mouth
Noise
Pulmonary—lungs
Spleen
Thyroid, other endocrine gland
Vertebrae

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

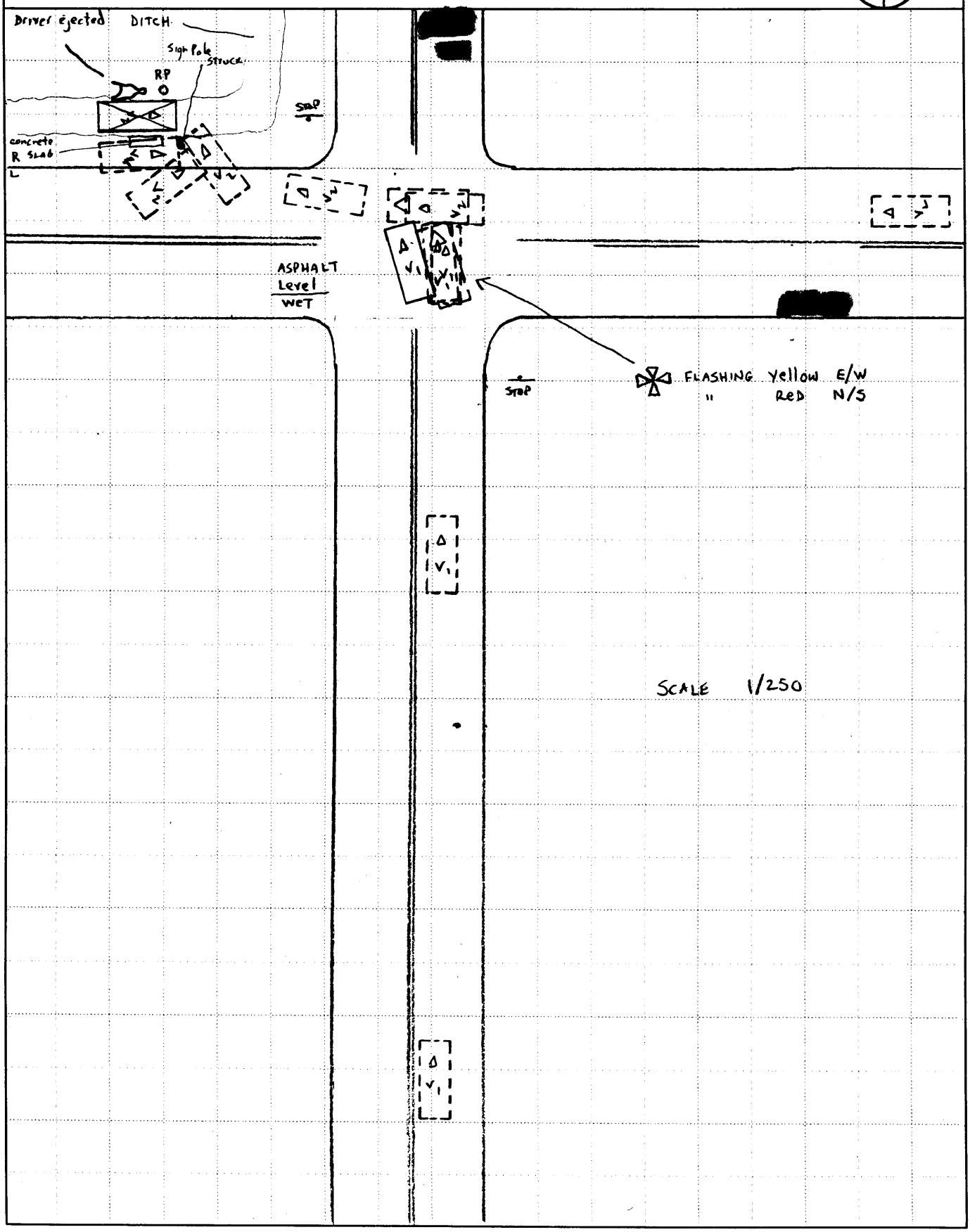
U.S. Department of Transportation
National Highway Traffic Safety Administration

ACCIDENT COLLISION DIAGRAM

NATIONAL ACCIDENT SAMPLING SYSTEM
CRASHWORTHINESS DATA SYSTEM

PSU No. 7 3 Case Number—Stratum 1 2 3 J

Indicate North



HS Form 431B (1/93)

Scale: 1 centimeter = 1 meter - (1/100)

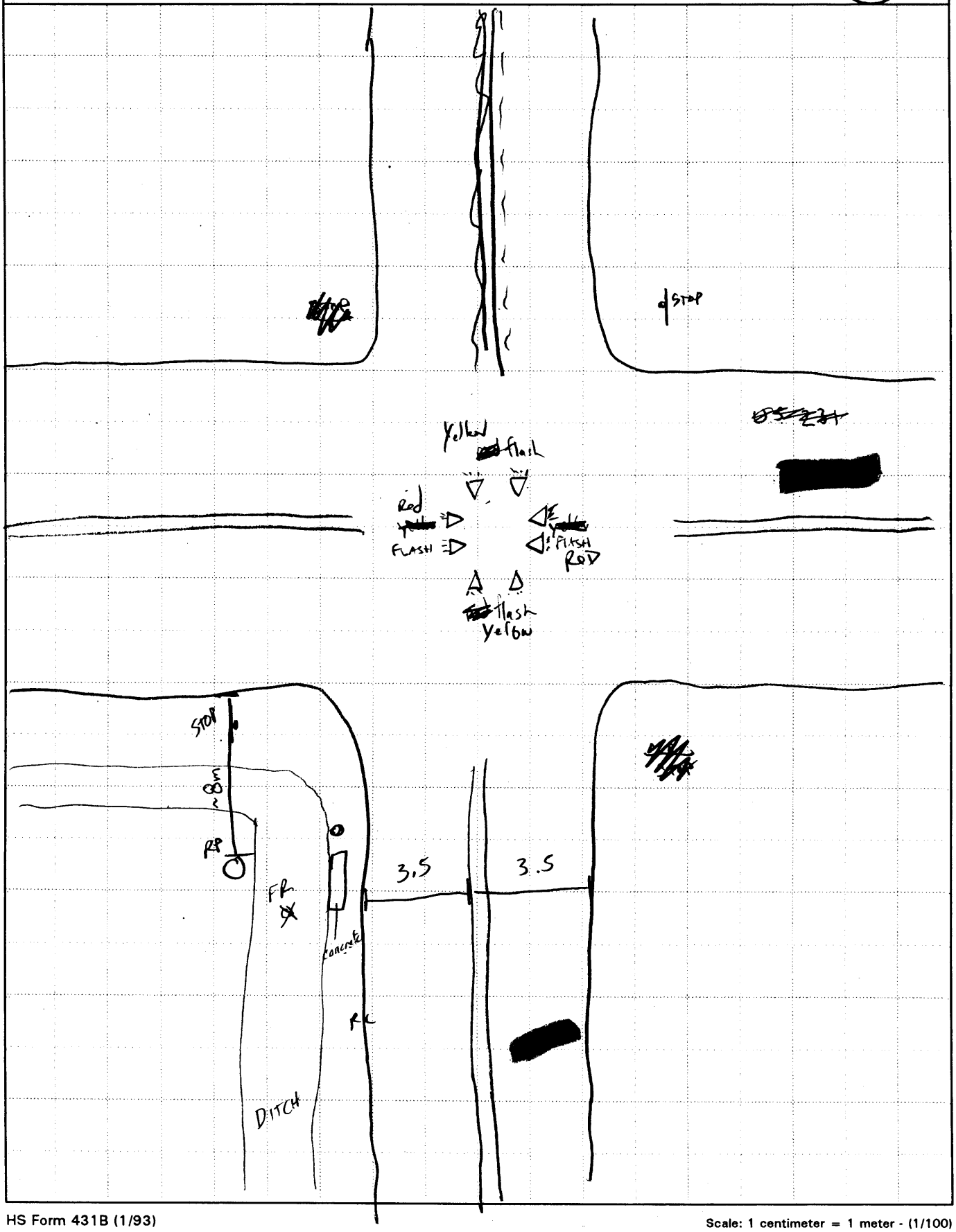
U.S. Department of Transportation
National Highway Traffic Safety Administration

ACCIDENT COLLISION DIAGRAM

NATIONAL ACCIDENT SAMPLING SYSTEM
CRASHWORTHINESS DATA SYSTEM

PSU No. 7 3 Case Number—Stratum 1 2 3 J

Indicate North



HS Form 431B (1/93)

Scale: 1 centimeter = 1 meter - (1/100)

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

ACCIDENT COLLISION MEASUREMENT TABLE

NATIONAL ACCIDENT SAMPLING SYSTEM
CRASHWORTHINESS DATA SYSTEM

Primary Sampling Unit Number 7 3 | Case Number—Stratum 1 2 3 J

ACCIDENT COLLISION DIAGRAM

LEVEL I
PHYSICAL EVIDENCE ABSENT

To be accomplished when there is no physical evidence present at the scene:

* approximate vehicle orientation at impact and final rest
* applicable road/roadway delineation (e.g., curbs/edge lines, lane markings, median markings, pavement markings, etc.)
* applicable traffic controls (e.g., speed limit)
* north arrow placed on diagram
* sketch required

LEVEL II
PHYSICAL EVIDENCE PRESENT

In addition to the level I tasks noted above, the following must be accomplished when physical evidence is present:

* document reference point and reference line relative to physical features present at the scene
* scale documentation of all accident induced physical evidence
* scaled documentation of all roadside objects contacted
* roadway surface type and condition of applicable roadways
* grade measurements for all applicable roadways and at location of rollover initiation
* 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	0	270	
Surface Type	ASPHALT		
Surface Condition	WORN		
Grade (v/h) Measurement (between impact and final rest)	level		
Grade (v/h) Measurement (at location of rollover initiation)	level		

Reference Point: concrete utility Pole NW corner | Reference line: N LANE line [redacted]

Item	Distance and Direction from Reference Point	Distance and Direction from Reference Line
Reflector Pole	.7 m E	2.5 m S
RP	0	3.5 m N

HS Form 431A (1/93)

Item	Distance and Direction from Reference Point	Distance and Direction from Reference Line

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

ACCIDENT FORM

NATIONAL ACCIDENT SAMPLING SYSTEM
CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number: 7 3
2. Case Number - Stratum: 1 2 3 J

IDENTIFICATION

3. Number of General Vehicle Forms Submitted: 0 2
4. Date of Accident (Month,Day,Year): [redacted] / [redacted] / 9 3
5. Time of Accident: 1 4 0 0

Code reported military time of accident.

NOTE: Midnight = 2400
Unknown = 9999

SPECIAL STUDIES - INDICATORS

Check (✓) each special study (SS14-SS18 below) that has been completed; code 1 for the checked special studies and 0 for the special studies not checked.

6. ___SS14 Fatal AOPS: 0
7. ___SS15 Administrative Use: 0
8. ___SS16 _____: 0
9. ___SS17 _____: 0
10. ___SS18 _____: 0

NUMBER OF EVENTS

11. Number of Recorded Events in This Accident: 0 3

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 on the right.

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. 0 1	13. 0 1	14. 0 2	15. F	16. 0 2	17. 0 2	18. L
19. 0 2	20. 0 2	21. 0 2	22. L	23. 5 0	24. 0 0	25. 0
26. 0 3	27. 0 2	28. 0 2	29. T	30. 3 1	31. 0 0	32. N
33. 0 4	34. ___ ___	35. ___ ___	36. ___	37. ___ ___	38. ___ ___	39. ___
40. 0 5	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
(11) Compact utility vehicle
(12) Large utility vehicle (≤ 4,500 kgs GVWR)
(13) Passenger van (≤ 4,500 kgs GVWR)
(14) Other van (≤ 4,500 kgs GVWR)
(15) Pickup truck (≤ 4,500 kgs GVWR)
(18) Other truck (≤ 4,500 kgs GVWR)
(19) Unknown light truck type
(20) School bus
(21) Other bus
(22) Truck (> 4,500 kgs GVWR)
(23) Tractor without trailer
(24) Tractor-trailer(s)
(25) Motored cycle
(28) Other vehicle
(99) Unknown

CODES FOR GENERAL AREA OF DAMAGE (GAD)

CDS APPLICABLE AND OTHER VEHICLES

(0) 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

(0) 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
(32) Fire or explosion
(33) Jackknife
(34) Other intraunit damage (specify): _____
(35) 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
(71) Motor vehicle 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
(88) Other nonfixed object (specify): _____
(89) Unknown nonfixed object

(98) Other event (specify): _____
(99) Unknown event or object

PS4, 73-123 (V01)

OCCUPANT RELATED

16. Driver Presence in Vehicle — 1
(0) Driver not present
(1) Driver present
(9) Unknown

17. Number of Occupants This Vehicle — 0 2
(00-96) Code actual number of occupants for this vehicle
(97) 97 or more
(99) Unknown

18. Number of Occupants Forms Submitted — 0 2

VEHICLE WEIGHT ITEMS

19. Vehicle Curb Weight — 1,120
____Code weight to nearest 10 kilograms.
(045) Less than 450 kilograms
(610) 6,100 kilograms or more
(999) Unknown

2,461 lbs X .4536 = 1,116 kgs

Source: [redacted] "84"

20. Vehicle Cargo Weight — 0,000
____Code weight to nearest 10 kilograms.
(000) Less than 5 kilograms
(450) 4,500 kilograms or more
(999) Unknown

__,___ lbs X .4536 = __,___ kgs

RECONSTRUCTION DATA

21. Towed Trailing Unit — 0
(0) No towed unit
(1) Yes—towed trailing unit
(9) Unknown

22. Documentation of Trajectory Data for This Vehicle — 0
(0) No
(1) Yes

23. Post Collision Condition of Tree or Pole (For Highest Delta V) — 0
(0) Not collision (for highest delta V) with tree or pole
(1) Not damaged
(2) Cracked/sheared
(3) Tilted <45 degrees
(4) Tilted ≥45 degrees
(5) Uprooted tree
(6) Separated pole from base
(7) Pole replaced
(8) Other (specify):

(9) Unknown

24. Rollover — 0
(0) No rollover (no overturning)

Rollover (primarily about the longitudinal axis)
(1) Rollover, 1 quarter turn only
(2) Rollover, 2 quarter turns
(3) Rollover, 3 quarter turns
(4) Rollover, 4 or more quarter turns (specify):

(5) Rollover--end-over-end (i.e., primarily about the lateral axis)
(9) Rollover (overturn), details unknown

OVERRIDE/UNDERRIDE (THIS VEHICLE)

25. Front Override/Underride (this Vehicle) — 0

26. Rear Override/Underride (this Vehicle) — 0

(0) No override/underride, or not an end-to-end impact

Override (see specific CDC)
(1) 1st CDC
(2) 2nd CDC
(3) Other not automated CDC (specify):

Underride (see specific CDC)
(4) 1st CDC
(5) 2nd CDC
(6) Other not automated CDC (specify):

(7) Medium/heavy truck or bus override
(9) Unknown

HEADING ANGLE AT IMPACT FOR HIGHEST DELTA V

Values: (000)-(359) Code actual value
(997) Noncollision
(998) Impact with object
(999) Unknown

27. Heading Angle For This Vehicle — 345 ~~000~~

28. Heading Angle For Other Vehicle — 270

NASS Coding Chg
1st Rev 3 A
2nd Rev 3 D

PSU, 73-1235 (Y01)

OTHER DATA

56. Driver's Zip Code [redacted]

(00000) Driver not present
(00001) Driver not a resident of U.S. or territories
_____ Code actual 5-digit zip code
(99999) Unknown

57. Driver's Race/Ethnic Origin 1
(0) Driver not present
(1) White (non-Hispanic)
(2) Black (non-Hispanic)
(3) White (Hispanic)
(4) Black (Hispanic)
(5) American Indian, Eskimo or Aleut
(6) Asian or Pacific Islander
(8) Other (specify): _____
(9) Unknown

58. Vehicle Special Use (This Trip) Ø
(0) No special use
(1) Taxi
(2) Vehicle used as school bus
(3) Vehicle used as other bus
(4) Military
(5) Police
(6) Ambulance
(7) Fire truck or car
(8) Other (specify): _____
(9) Unknown

ROLLOVER DATA

If GV07 (Body Type) ≠ 1-49, leave GV59-GV63 blank.
If GV24 (Rollover) = 0, then GV59-GV63 must equal 0.
If GV24 = 9, then GV59-GV63 must equal 9.

59. Rollover Initiation Type Ø
(0) No rollover
(1) Trip-over
(2) Flip-over
(3) Turn-over
(4) Climb-over
(5) Fall-over
(6) Bounce-over
(7) Collision with another vehicle
(8) Other rollover initiation type specify): _____
(9) Unknown rollover initiation type

60. Location of Rollover Initiation Ø
(0) No rollover
(1) On roadway
(2) On shoulder—paved
(3) On shoulder—unpaved
(4) On roadside or divided trafficway median
(9) Unknown

61. Rollover Initiation Object Contacted Ø Ø

62. Location on Vehicle Where Initial Principal Tripping Force Is Applied Ø
(0) No rollover
(1) Wheels/tires
(2) Side plane
(3) End plane
(4) Undercarriage
(5) Other location on vehicle (specify): _____
(8) Non-contact rollover forces (specify): _____
(9) Unknown

63. Direction of Initial Roll Ø
(0) No rollover
(1) Roll right - primarily about the longitudinal axis
(2) Roll left - primarily about the longitudinal axis
(5) End-over-end (i.e., primarily about the lateral axis)
(9) Unknown roll direction

PRECRASH DATA

64. Pre-Event Movement (Prior to Recognition of Critical Event) Ø 1
(01) Going straight
(02) Slowing or stopping in traffic lane
(03) Starting in traffic lane
(04) Stopped in traffic lane
(05) Passing or overtaking another vehicle
(06) Disabled or parked in travel lane
(07) Leaving a parking position
(08) Entering a parking position
(09) Turning right
(10) Turning left
(11) Making a U-turn
(12) Backing up (other than for parking position)
(13) Negotiating a curve
(14) Changing lanes
(15) Merging
(16) Successful avoidance maneuver to a previous critical event
(97) Other (specify): _____
(98) No driver present
(99) Unknown

PSU 73-123J V-01

CODES FOR ROLLOVER INITIATION OBJECT CONTACTED

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

Noncollision
(31) Turn-over — fall-over
(33) 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
(71) Motor vehicle not in-transport
(76) Animal
(77) Train
(78) Trailer, disconnected in transport
(88) Other nonfixed object (specify):
_____
(89) Unknown nonfixed object

(98) Other event (specify):
_____
(99) Unknown event or object

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

EXTERIOR VEHICLE FORM

NATIONAL ACCIDENT SAMPLING SYSTEM
CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number: 73
2. Case Number - Stratum: 123 J
3. Vehicle Number: 01

VEHICLE IDENTIFICATION

VIN 1G1AD35P6EJ[redacted] Model Year 84

Vehicle Make (specify): chevy Vehicle Model (specify): CAVALIER WAGON

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
01	STARTS RF CORNER	ENTIRE FRONT

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 and document on the vehicle diagram the location of maximum crush.

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 Width (CDC)	Direct Damage Max Crush	Field L	C_1	C_2	C_3	C_4	C_5	C_6	±D
01	Bumper level	105cm	12	148	5	4	4	6	11	17	+22
	freespace		@ C_6		5	3	1	1	3	5	
	resultant				0	1	3	5	8	12	

ORIGINAL SPECIFICATIONS WORK SHEET

Wheelbase	101.2	inches	x 2.54 =	257	cm
Overall Length	174.5	inches	x 2.54 =	443	cm
Maximum Width	66.3	inches	x 2.54 =	168	cm
Curb Weight	2,461	pounds	x .4536 =	1,116	kg
Average Track	55.3	inches	x 2.54 =	140	cm
Front Overhang	35.3	inches	x 2.54 =	87	cm
Rear Overhang	38.2	inches	x 2.54 =	97	cm
Undeformed End Width	___	inches	x 2.54 =	___	cm
Engine Size: cyl./displ.	___	cc	x .001 =	2.0	L
	___	CID	x .0164 =	___	L

BH

14.6 - 9.3
15.0 - 13.2

OH

38.3 - 35.3
38.2 - 35.6

VEHICLE DAMAGE SKETCH

TIRE–WHEEL DAMAGE

a. Rotation physically restricted

RF 2
LF 2
RR 2
LR 2

b. Tire deflated

RF 2
LF 2
RR 2
LR 2

(1) Yes (2) No (8) NA (9) Unk.

TYPE OF TRANSMISSION

☐ Manual ☑ Automatic

ORIGINAL SPECIFICATIONS

Wheelbase	257	cm
Overall Length	443	cm
Maximum Width	168	cm
Curb Weight	1116	kg
Average Track	140	cm
Front Overhang	87	cm
Rear Overhang	97	cm
Undeformed End Width	150	cm
Engine Size: cyl./displ.	20	L

WHEEL STEER ANGLES

(For locked front wheels or displaced rear axles only)

RF ± ___ °
LF ± ___ °
RR ± ___ °
LR ± ___ °

Within ± 5 degrees

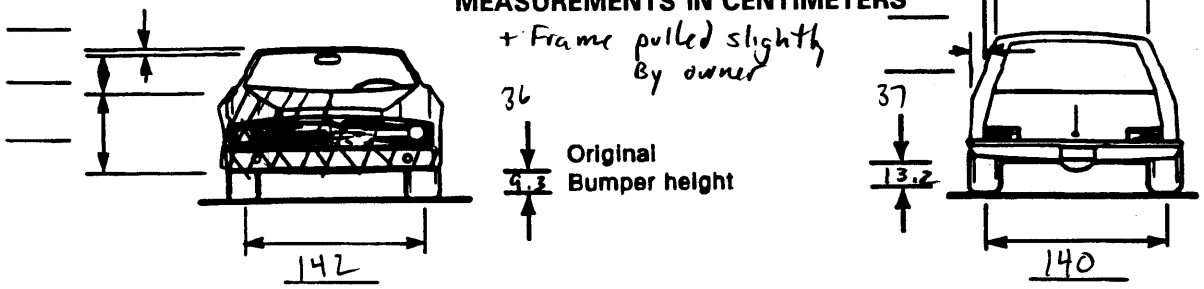
DRIVE WHEELS

☑ FWD ☐ RWD ☐ 4WD

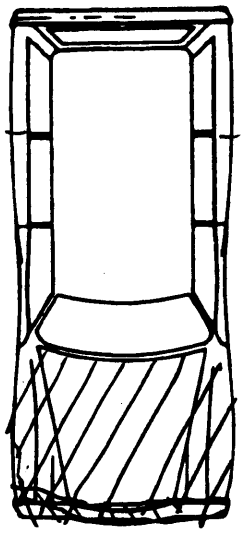
Approximate Cargo Weight 0 kg

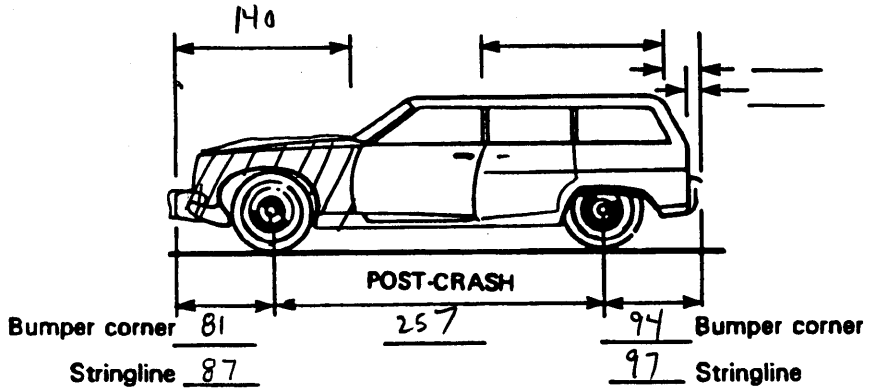
MEASUREMENTS IN CENTIMETERS

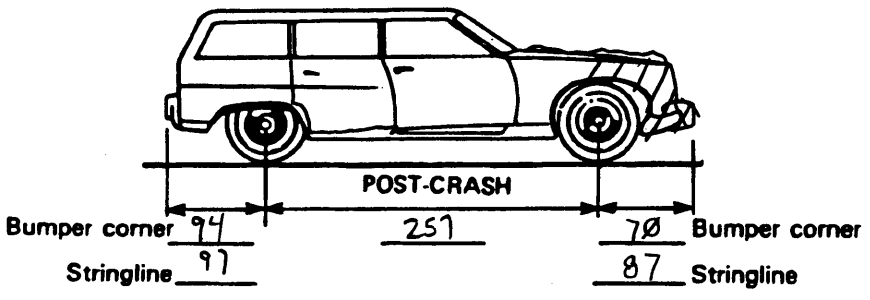
+ Frame pulled slightly By owner



4-Door st wagon







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.

CDC WORKSHEET

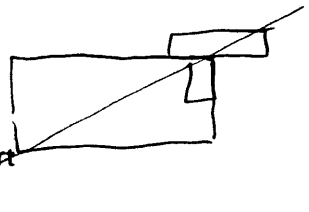
CODES FOR OBJECT CONTACTED

(01-30) — Vehicle Number

Noncollision
- (31) Overturn — rollover
- (32) Fire or explosion
- (33) Jackknife
- (34) Other intraunit damage (specify): _____
- (35) 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
- (71) Motor vehicle 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
- (88) Other nonfixed object (specify): _____
- (89) Unknown nonfixed object
- (98) Other event (specify): _____
- (99) Unknown event or object

DEFORMATION CLASSIFICATION BY EVENT NUMBER

Accident Event Sequence Number	Object Contacted	(1) (2) Direction of Force (degrees)	Incremental Value of Shift	(3) Deformation Location	(4) Specific Longitudinal or Lateral Location	(5) Specific Vertical or Lateral Location	(6) Type of Damage Distribution	(7) Deformation Extent
01	02	070	00	F	Z	E	W	01

U.S. Department of Transportation

National Highway Traffic Safety Administration

INTERIOR VEHICLE FORM

NATIONAL ACCIDENT SAMPLING SYSTEM
CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number 7 3
2. Case Number - Stratum 1 2 3 J
3. Vehicle Number Ø 1

INTEGRITY

4. Passenger Compartment Integrity Ø Ø
   (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): _____
   (99) Unknown

Door, Tailgate or Hatch Opening

5. LF 1 6. RF 1 7. LR 1 8. RR 1 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 Ø

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

   (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

Glazing Damage from Impact Forces

15. WS 2 16. LF Ø 17. RF Ø 18. LR Ø 19. RR Ø
20. BL Ø 21. Roof 8 22. Other Ø - BACK SIDE

   (0) 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
   (8) No glazing
   (9) Unknown if damaged

Glazing Damage from Occupant Contact

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

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

If No Glazing Damage ***And*** No Occupant Contact or No Glazing, Then Code IV31 Through IV46 As Ø

Type of Window/Windshield Glazing

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

   (0) No glazing contact and no damage, or no glazing
   (1) AS-1 — Laminated
   (2) AS-2 — Tempered
   (3) AS-3 — Tempered-tinted
   (4) AS-14 — Glass/Plastic
   (8) Other (specify): _____
   (9) Unknown

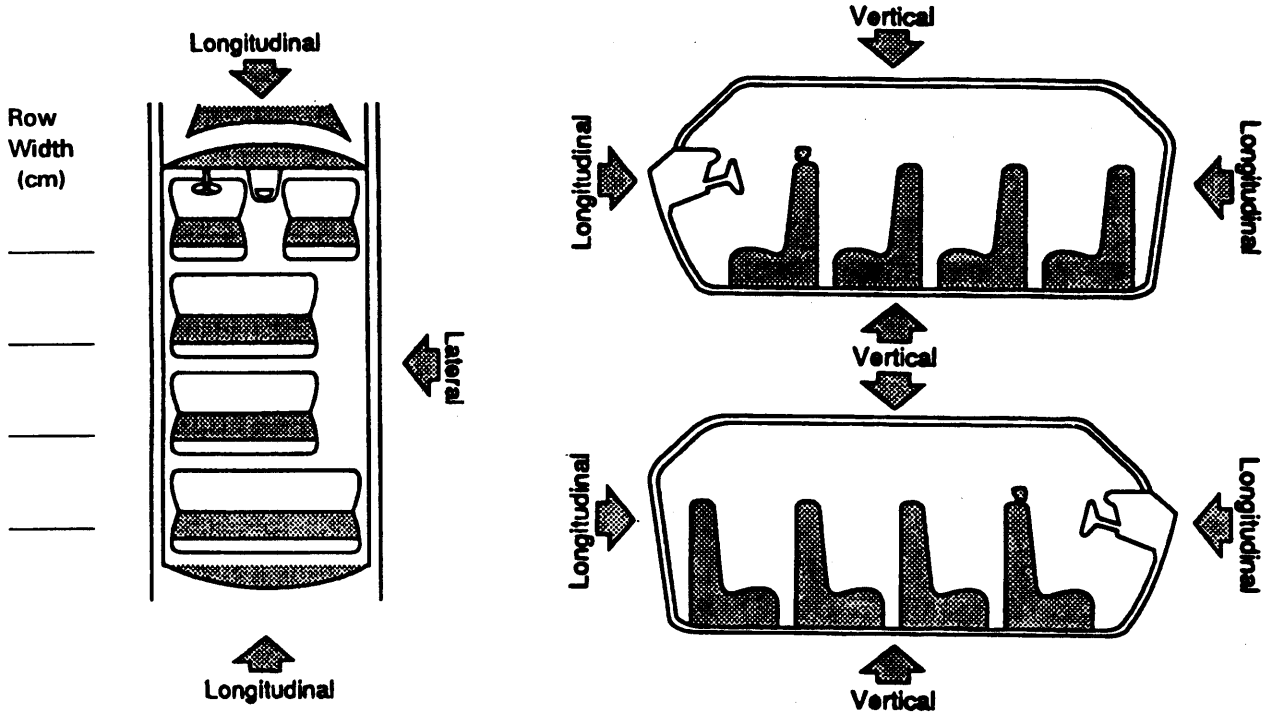
Window Precrash Glazing Status

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

   (0) No glazing contact and no damage, or no glazing
   (1) Fixed
   (2) Closed
   (3) Partially opened
   (4) Fully opened
   (9) Unknown

INTRUSION WORKSHEET

Note: Sketch intruded areas



LOCATION OF INTRUSION	INTRUDED COMPONENT	(All Measurements Are In Centimeters) COMPARISON VALUE	—	INTRUDED VALUE	=	INTRUSION	DOMINANT CRUSH DIRECTION
	NONE		—		=		
			—		=		
			—		=		
			—		=		
			—		=		
			—		=		
			—		=		
			—		=		
			—		=		
			—		=		
			—		=		
			—		=		
			—		=		
			—		=		
			—		=		

Document no more than the 15 most severe intrusions

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. NONE	49.___	50.___
2nd	51.___	52.___	53.___	54.___
3rd	55.___	56.___	57.___	58.___
4th	59.___	60.___	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.___

LOCATION OF INTRUSION

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

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

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

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

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

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) Door panel (side)
- (12) Roof (or convertible top)
- (13) Roof side rail
- (14) Windshield
- (15) Windshield header
- (16) Window frame
- (17) Floor pan (includes sill)
- (18) Backlight header
- (19) Front seat back
- (20) Second seat back
- (21) Third seat back
- (22) Fourth seat back
- (23) Fifth seat back
- (24) Seat cushion
- (25) Back door/panel (e.g., tailgate)
- (26) Other interior component (specify): _____
- (27) Side panel - forward of the A (A2)-pillar
- (28) Side panel - rear of the A (A2)-pillar

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

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
	—	NONE	=	
	—		=	
	—		=	
	—		=	

STEERING COLUMN

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. Blank — X X
(This variable is left blank so that numbering consistency can be maintained with the 1988-93 CDS.

89. Blank — X X X
(This variable is left blank so that numbering consistency can be maintained with the 1988-93 CDS.

90. Blank — X X X
(This variable is left blank so that numbering consistency can be maintained with the 1988-93 CDS.

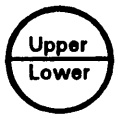
91. Blank — X X X
(This variable is left blank so that numbering consistency can be maintained with the 1988-93 CDS.

92. Steering Rim/Spoke Deformation — Ø Ø
____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

93. Location of Steering Rim/Spoke Deformation — Ø Ø
(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

INSTRUMENT PANEL

94. Odometer Reading — 1 5 9 ,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

98,943 miles X 1.6093 = 159,261 kilometers

Source: [redacted]

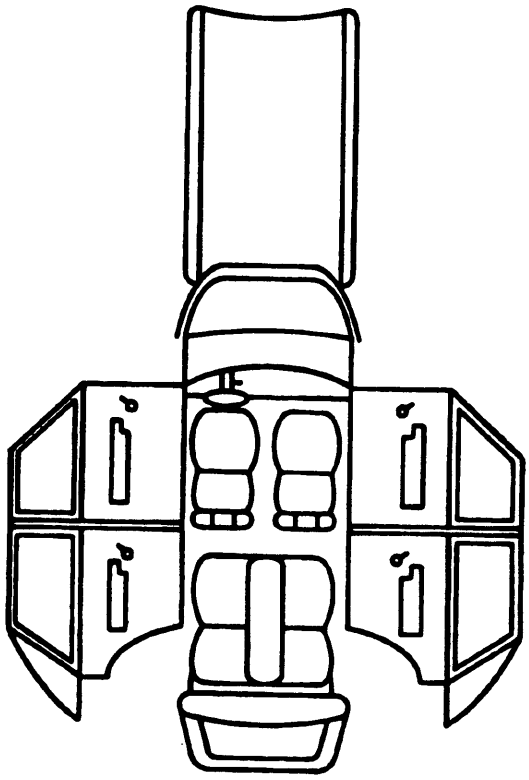
95. Instrument Panel Damage from Occupant Contact? — Ø
(0) No
(1) Yes
(9) Unknown

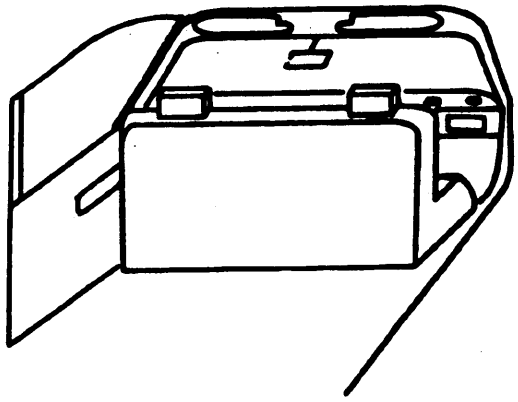
96. Knee Bolsters Deformed from Occupant Contact? — 8
(0) No
(1) Yes
(8) Not present
(9) Unknown

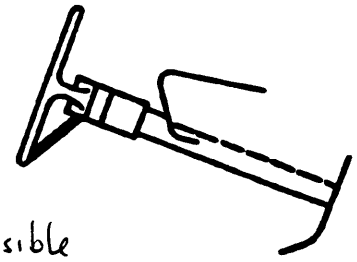
97. Did Glove Compartment Door Open During Collision(s)? — Ø
(0) No
(1) Yes
(8) Not present
(9) Unknown

VEHICLE INTERIOR SKETCHES

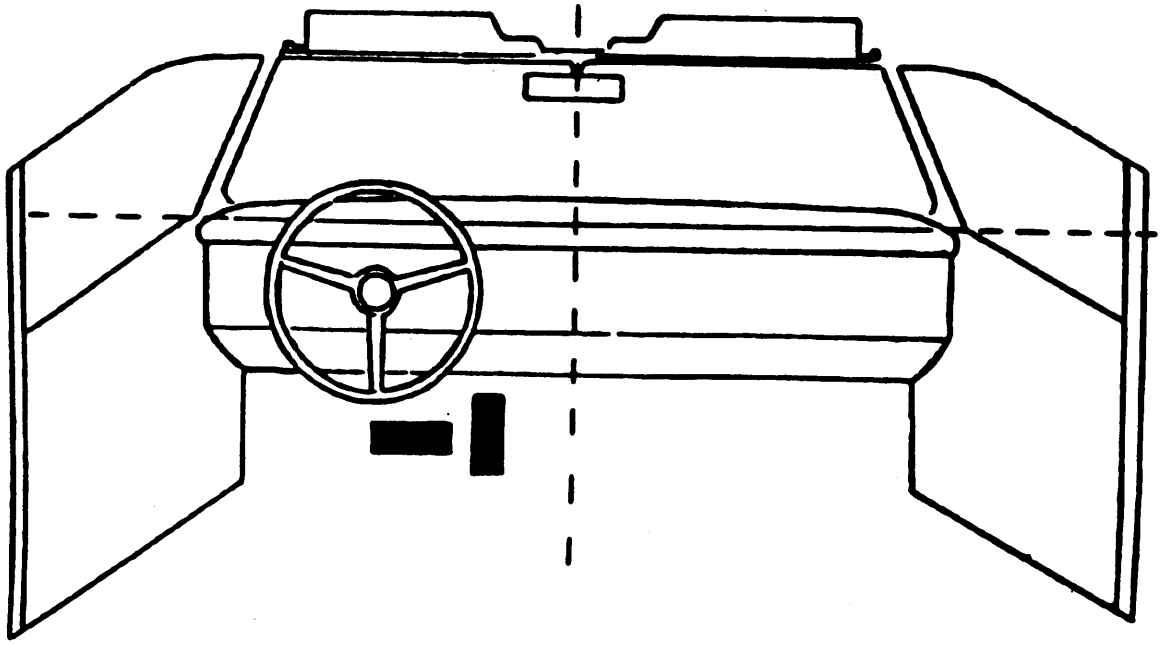
Note area of ejection/entrapment







NONE visible



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				NONE	
B					
C					
D					
E					
F					
G					
H					
I					
J					
K					
L					
M					
N					

CODES FOR INTERIOR COMPONENTS

FRONT
- (01) Windshield
- (02) Mirror
- (03) Sunvisor
- (04) Steering wheel rim
- (05) Steering wheel hub/spoke
- (06) Steering wheel (combination of codes 04 and 05)
- (07) Steering column, transmission selector lever, other attachment
- (08) Add on equipment (e.g., CB, tape deck, air conditioner)
- (09) Left instrument panel and below
- (10) Center instrument panel and below
- (11) Right instrument panel and below
- (12) Glove compartment door
- (13) Knee bolster
- (14) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, mirror, or steering assembly (driver side only)
- (15) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only)
- (16) Driver side air bag compartment cover
- (17) Passenger side air bag compartment cover
- (18) Windshield reinforced by exterior object (specify):_____
- (19) Other front object (specify):

LEFT SIDE
- (20) Left side interior surface, excluding hardware or armrests
- (21) Left side hardware or armrest
- (22) Left A (A1/A2)-pillar
- (23) Left B-pillar
- (24) Other left pillar (specify):
- (25) Left side window glass or frame
- (26) Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail.
- (27) Other left side object (specify):
- (28) Left side window sill

RIGHT SIDE
- (30) Right side interior surface, excluding hardware or armrests
- (31) Right side hardware or armrest
- (32) Right A (A1/A2)-pillar
- (33) Right B-pillar
- (34) Other right pillar (specify):
- (35) Right side window glass or frame
- (36) Right side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B pillar, or roof side rail.
- (37) Other right side object (specify):
- (38) Right side window sill

INTERIOR
- (40) Seat, back support
- (41) Belt restraint webbing/buckle
- (42) Belt restraint B-pillar attachment point
- (43) Other restraint system component (specify):_____
- (44) Head restraint system
- (45) Air bag (use codes "16" and "17" for injuries sustained from air bag compartment covers)
- (46) Other occupants (specify):
- (47) Interior loose objects
- (48) Child safety seat (specify):
- (49) Other interior object (specify):

ROOF
- (50) Front header
- (51) Rear header
- (52) Roof left side rail
- (53) Roof right side rail
- (54) Roof or convertible top

FLOOR
- (56) Floor (including toe pan)
- (57) Floor or console mounted transmission lever, including console
- (58) Parking brake handle
- (59) Foot controls including parking brake

REAR
- (60) Backlight (rear window)
- (61) Backlight storage rack, door, etc.
- (62) Other rear object (specify):

CONFIDENCE LEVEL OF CONTACT POINT
- (1) Certain
- (2) Probable
- (3) Possible
- (9) Unknown

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	Right
FIRST	Availability/Function	∅	∅
	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

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

Did Air Bag System Fail?
- (0) Not equipped/not available
- (1) No
- (2) Yes (specify): _____
- (9) Unknown

AUTOMATIC BELTS

		Left	Right
FIRST	Availability/Function	∅	∅
	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

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 Ocupant 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
FIRST	Availability	4	Ø	4
	Use	Ø4	Ø Ø	Ø4
	Failure Modes	1	Ø	1
SECOND	Availability	3	3	3
	Use	ØØ	ØØ	ØØ
	Failure Modes	Ø	Ø	Ø
THIRD	Availability			
	Use			
	Failure Modes			
OTHER	Availability			
	Use			
	Failure Modes			

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

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

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			none			
1. Type of Child Safety Seat						
2. Child Safety Seat Orientation						
3. Child Safety Seat Harness Usage						
4. Child Safety Seat Shield Uasge						
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)

   _____

   _____

   _____

   _____

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
FIRST	Head Restraint Type/Damage	1	0	1
	Seat Type	01	00	01
	Seat Performance	1	0	1
	Seat Orientation	1	0	1
SECOND	Head Restraint Type/Damage	0	0	0
	Seat Type	05	05	05
	Seat Performance	1	1	1
	Seat Orientation	1	1	1
THIRD	Head Restraint Type/Damage			
	Seat Type			
	Seat Performance			
	Seat Orientation			
OTHER	Head Restraint Type/Damage			
	Seat Type			
	Seat Performance			
	Seat Orientation			

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

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

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 Occpant 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
(1) 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)

PSU, 73, 123 J (V01)

HEAD RESTRAINT AND SEAT EVALUATION

25. 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

26. Seat Type (this Occupant Position) — 0 1
    (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

27. 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
    (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

Form Approved
O.M.B. No. 2127-0021

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

OCCUPANT INJURY FORM

NATIONAL ACCIDENT SAMPLING SYSTEM
CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number	73	3. Vehicle Number	01
2. Case Number - Stratum	123J	4. Occupant Number	01

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.

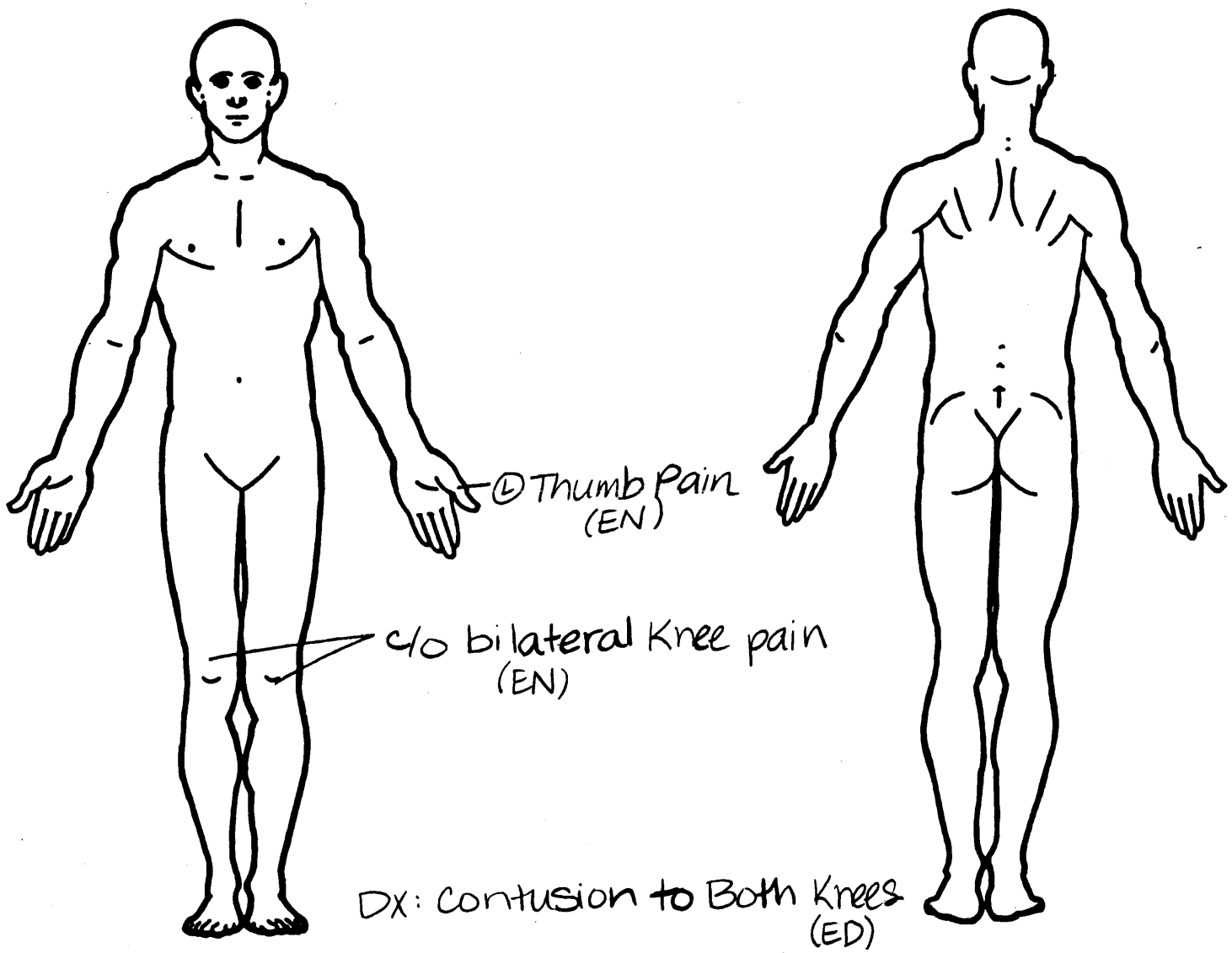
	Source of Injury Data	O.I.C.-A.I.S Body Region	Type of Anatomic Structure	Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Occupant Area Intrusion Number
1st	5. 3	6. 8	7. 9	8. 04	9. 02	10. 1	11. 1	12. 10	13. 2	14. 1	15. 00
2nd	16. 7	17. 5	18. 9	19. 04	20. 02	21. 1	22. 1	23. 41	24. 2	25. 1	26. 00
3rd	27. 3	28. 8	29. 9	30. 04	31. 02	32. 1	33. 2	34. 09	35. 2	36. 1	37. 00
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. __

OCCUPANT INJURY DATA

	Source of Injury Data	O.I.C.-A.I.S						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. Seventy	Aspect				
11th	—	—	—	— —	— —	—	—	— —	—	—	— —
12th	—	—	—	— —	— —	—	—	— —	—	—	— —
13th	—	—	—	— —	— —	—	—	— —	—	—	— —
14th	—	—	—	— —	— —	—	—	— —	—	—	— —
15th	—	—	—	— —	— —	—	—	— —	—	—	— —
16th	—	—	—	— —	— —	—	—	— —	—	—	— —
17th	—	—	—	— —	— —	—	—	— —	—	—	— —
18th	—	—	—	— —	— —	—	—	— —	—	—	— —
19th	—	—	—	— —	— —	—	—	— —	—	—	— —
20th	—	—	—	— —	— —	—	—	— —	—	—	— —
21st	—	—	—	— —	— —	—	—	— —	—	—	— —
22nd	—	—	—	— —	— —	—	—	— —	—	—	— —
23rd	—	—	—	— —	— —	—	—	— —	—	—	— —
24th	—	—	—	— —	— —	—	—	— —	—	—	— —
25th	—	—	—	— —	— —	—	—	— —	—	—	— —

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.)



SOURCE OF INJURY DATA

OFFICIAL
(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
(5) Lay coroner report
(6) E.M.S. personnel
(7) Interviewee
(8) Other source (specify):

(9) Police

INJURY SOURCE

FRONT
(01) Windshield
(02) Mirror
(03) Sunvisor
(04) Steering wheel rim
(05) Steering wheel hub/spoke
(06) Steering wheel (combination of codes 04 and 05)
(07) Steering column, transmission selector lever, other attachment
(08) Add on equipment (e.g., CB, tape deck, air conditioner)
(09) Left instrument panel and below
(10) Center instrument panel and below
(11) Right instrument panel and below
(12) Glove compartment door
(13) Knee bolster
(14) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, mirror, or steering assembly (driver side only)
(15) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only)
(16) Driver side air bag compartment cover
(17) Passenger side air bag compartment cover
(18) Windshield reinforced by exterior object (specify):
(19) Other front object (specify):

LEFT SIDE
(20) Left side interior surface, excluding hardware or armrests
(21) Left side hardware or armrest
(22) Left A (A1/A2)-pillar
(23) Left B-pillar
(24) Other left pillar (specify):
(25) Left side window glass or frame
(26) Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail.
(27) Other left side object (specify):
(28) Left side window sill

RIGHT SIDE
(30) Right side interior surface, excluding hardware or armrests
(31) Right side hardware or armrest
(32) Right A (A1/A2)-pillar
(33) Right B-pillar
(34) Other right pillar (specify):
(35) Right side window glass or frame
(36) Right side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail.
(37) Other right side object (specify):
(38) Right side window sill

INTERIOR
(40) Seat, back support
(41) Belt restraint webbing/buckle
(42) Belt restraint B-pillar or door frame attachment point
(43) Other restraint system component (specify):
(44) Head restraint system
(45) Air bag (use codes "16" and "17" for injuries sustained from air bag compartment covers)
(46) Other occupants (specify):
(47) Interior loose objects
(48) Child safety seat (specify):
(49) Other interior object (specify):

ROOF
(50) Front header
(51) Rear header
(52) Roof left side rail
(53) Roof right side rail
(54) Roof or convertible top

FLOOR
(56) Floor (including toe pan)
(57) Floor or console mounted transmission lever, including console
(58) Parking brake handle
(59) Foot controls including parking brake

REAR
(60) Backlight (rear window)
(61) Backlight storage rack, door, etc.
(62) Other rear object (specify):

EXTERIOR of OCCUPANT'S VEHICLE
(65) Hood
(66) Outside hardware (e.g., outside mirror, antenna)
(67) Other exterior surface or tires (specify):
(68) Unknown exterior objects

EXTERIOR OF OTHER MOTOR VEHICLE
(70) Front bumper
(71) Hood edge
(72) Other front of vehicle (specify):
(73) Hood
(74) Hood ornament
(75) Windshield, roof rail, A-pillar
(76) Side surface
(77) Side mirrors
(78) Other side protrusions (specify)
(79) Rear surface
(80) Undercarriage
(81) Tires and wheels
(82) Other exterior of other motor vehicle (specify):
(83) Unknown exterior of other motor vehicle

OTHER VEHICLE OR OBJECT IN THE ENVIRONMENT
(84) Ground
(85) Other vehicle or object (specify)
(86) Unknown vehicle or object

NONCONTACT INJURY
(90) Fire in vehicle
(91) Flying glass
(92) Other noncontact injury source (specify):
(93) Air bag exhaust gases
(97) Injured, unknown source

INJURY SOURCE CONFIDENCE LEVEL

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

DIRECT/INDIRECT INJURY

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

OCCUPANT INJURY CLASSIFICATION

Body Region

(1) Head
(2) Face
(3) Neck
(4) Thorax
(5) Abdomen
(6) Spine
(7) Upper Extremity
(8) Lower Extremity
(9) Unspecified

Type of Anatomic Structure

(1) Whole Area
(2) Vessels
(3) Nerves
(4) Organs (includes muscles/ ligaments)
(5) Skeletal (includes joints)
(6) Head - LOC
(9) Skin

Specific Anatomic Structure

Whole Area
(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

Head - LOC
(02) Length of LOC
(04, 06, 08) Level of Consciousness
(10) Concussion

Spine
(02) Cervical
(04) Thoracic
(06) Lumbar

Vessels, Nerves, Organs, Bones, Joints are assigned consecutive two digit numbers beginning with 02

Level of Injury

Specific injuries are assigned consecutive two-digit numbers beginning with 02.

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.

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

Aspect

(1) Right
(2) Left
(3) Bilateral
(4) Central
(5) Anterior
(6) Posterior
(7) Superior
(8) Inferior
(9) Unknown
(0) Whole region

OFFICIAL INJURY DATA — SKELETAL INJURIES

Restrained?

___ No

X Yes

*Belted Driver (EN,ED

Blood Alcohol Level (mg/dl)

BAL = ____

Glasgow Coma Scale Score

GCSS = ____

Units of Blood Given

Units = ____

Arterial Blood Gases

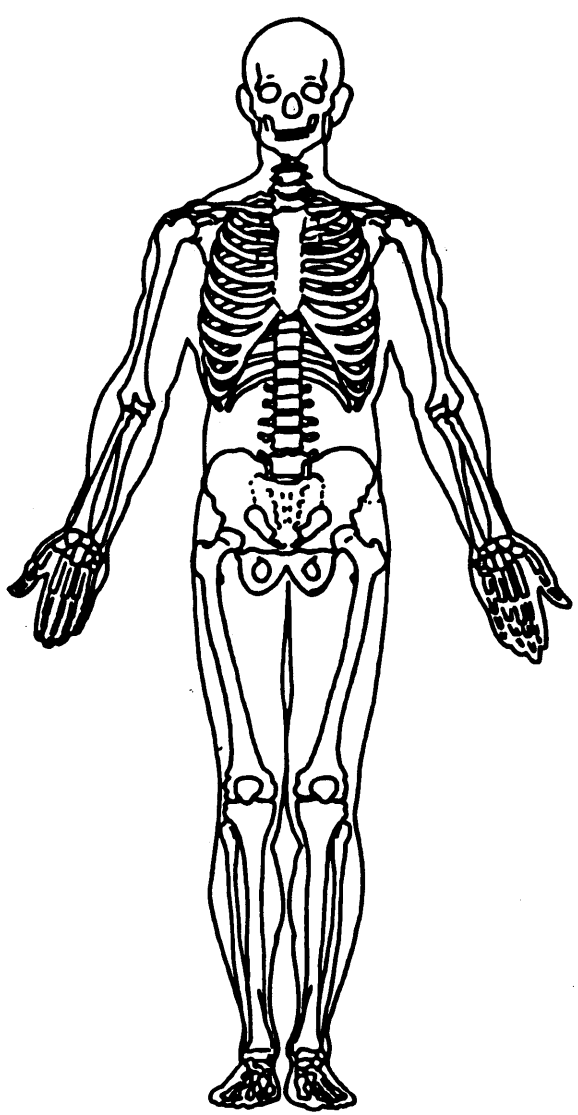
pH = __.__

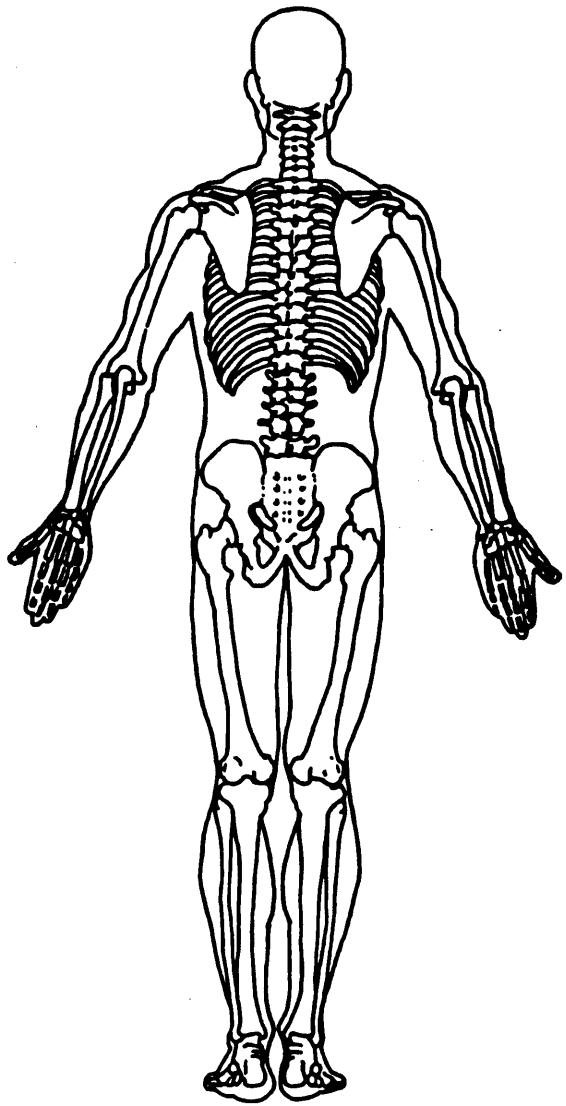
PO_2 = ____

PCO_2 ____

HCO_3 ____

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.)



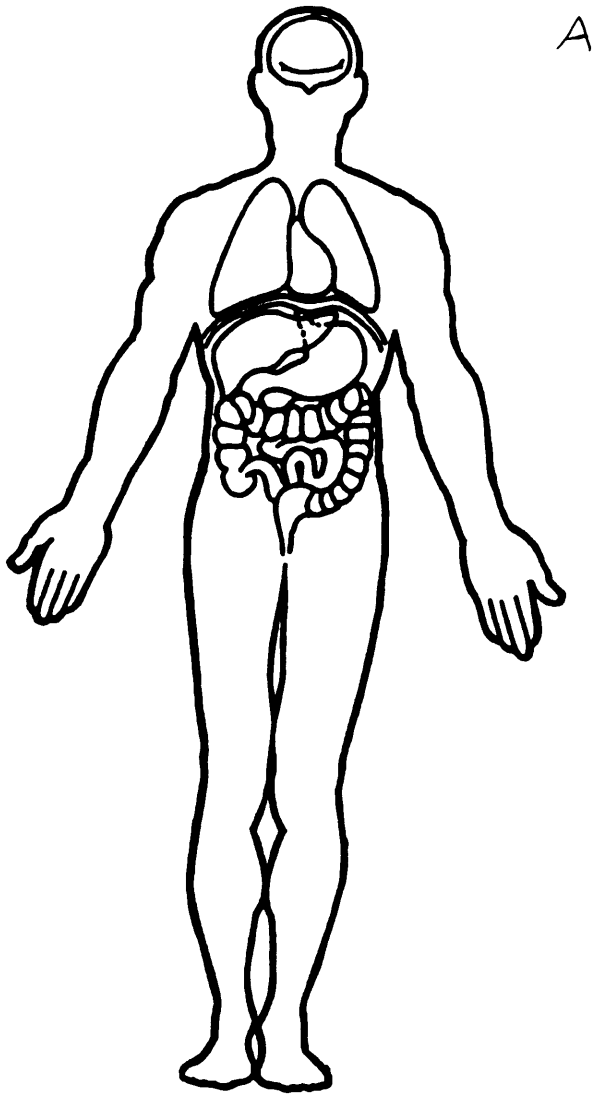


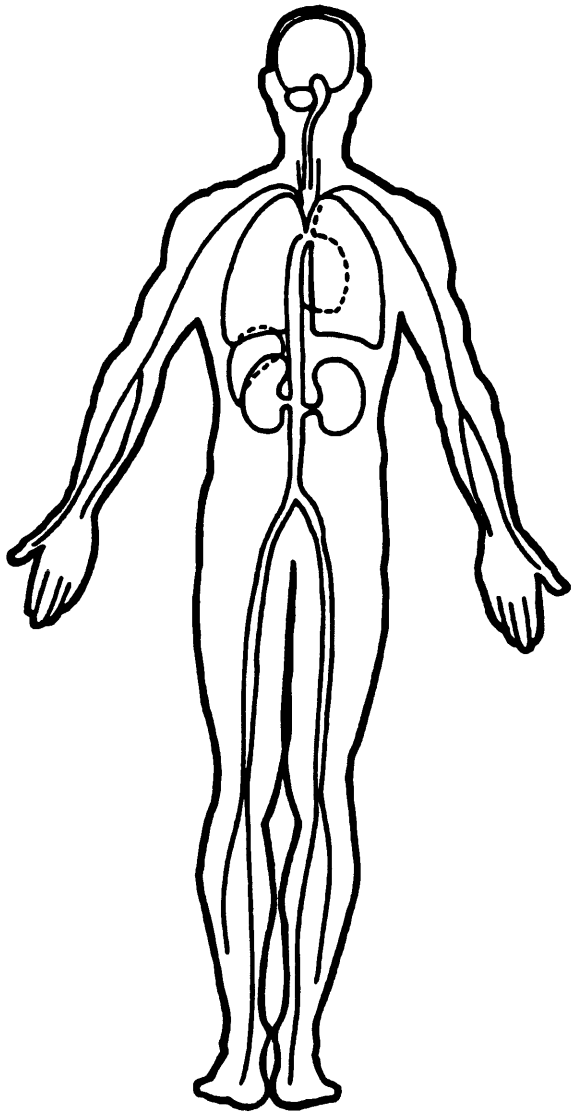
OFFICIAL INJURY DATA —INTERNAL INJURIES

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.)

Denies LOC (EN

A+O x 3 (EN





HEAD RESTRAINT AND SEAT EVALUATION

25. Head Restraint Type/Damage by Occupant at This Occupant Position: 3
    - (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

26. Seat Type (this Occupant Position): 06
    - (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

27. 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
    - (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

Form Approved
O.M.B. No. 2127-0021

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

OCCUPANT INJURY FORM

NATIONAL ACCIDENT SAMPLING SYSTEM
CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number	13	3. Vehicle Number	01
2. Case Number - Stratum	123J	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.

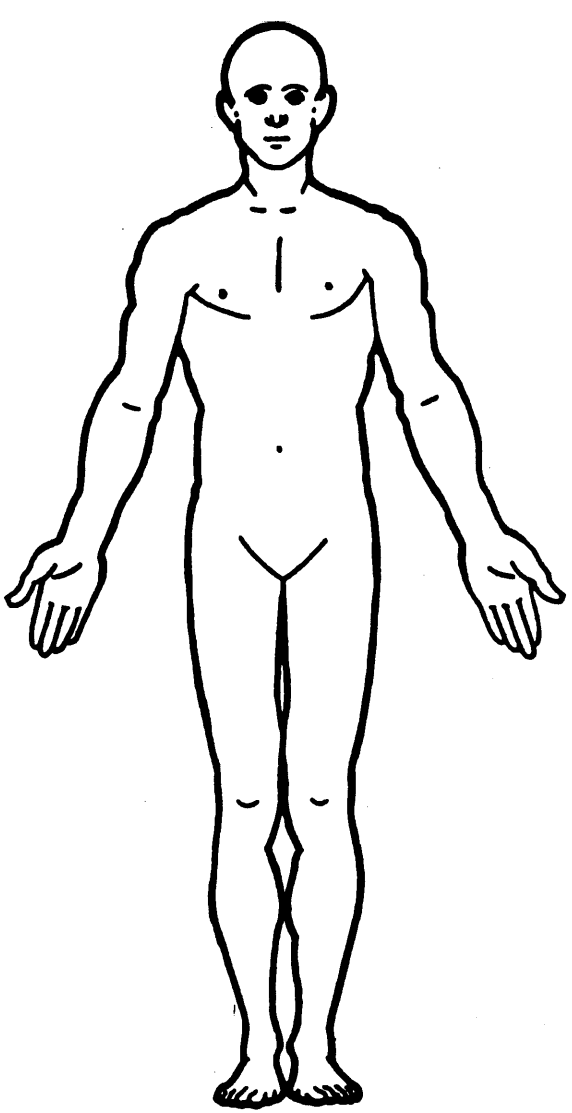
		O.I.C.-A.I.S									
	Source of Injury Data	Body Region	Type of Anatomic Structure	Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Occupant Area Intrusion Number
1st	5. 7	6. 4	7. 5	8. 02	9. 02	10. 1	11. 3	12. 41	13. 2	14. 1	15. 00
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.

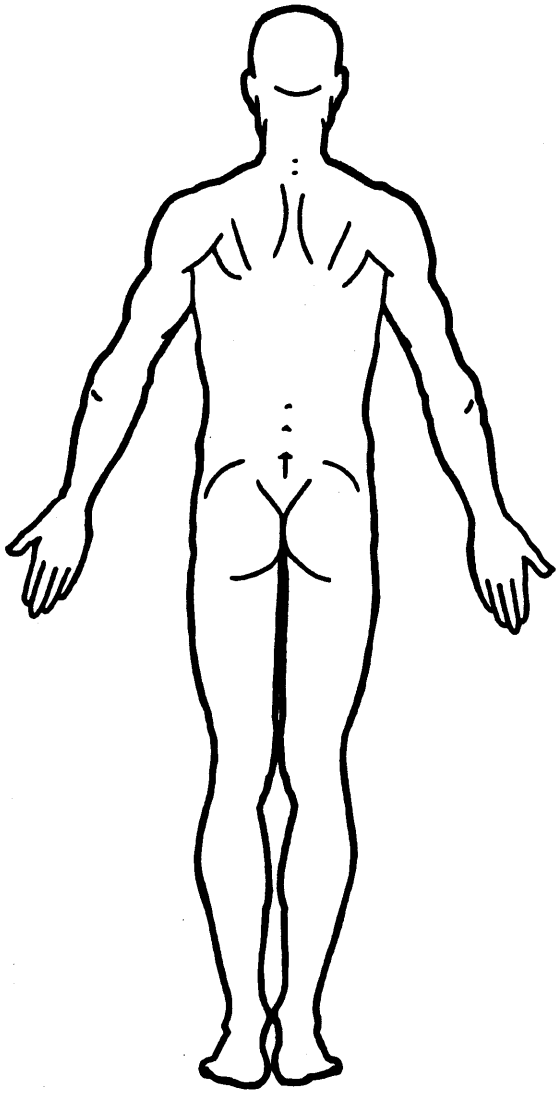
OCCUPANT INJURY DATA

	Source of Injury Data	O.I.C.-A.I.S						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				
11th											
12th											
13th											
14th											
15th											
16th											
17th											
18th											
19th											
20th											
21st											
22nd											
23rd											
24th											
25th											

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.)





SOURCE OF INJURY DATA

OFFICIAL
(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
(5) Lay coroner report
(6) E.M.S. personnel
(7) Interviewee
(8) Other source (specify):

(9) Police

INJURY SOURCE

FRONT
(01) Windshield
(02) Mirror
(03) Sunvisor
(04) Steering wheel rim
(05) Steering wheel hub/spoke
(06) Steering wheel (combination of codes 04 and 05)
(07) Steering column, transmission selector lever, other attachment
(08) Add on equipment (e.g., CB, tape deck, air conditioner)
(09) Left instrument panel and below
(10) Center instrument panel and below
(11) Right instrument panel and below
(12) Glove compartment door
(13) Knee bolster
(14) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, mirror, or steering assembly (driver side only)
(15) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only)
(16) Driver side air bag compartment cover
(17) Passenger side air bag compartment cover
(18) Windshield reinforced by exterior object (specify):
(19) Other front object (specify):

LEFT SIDE
(20) Left side interior surface, excluding hardware or armrests
(21) Left side hardware or armrest
(22) Left A (A1/A2)-pillar
(23) Left B-pillar
(24) Other left pillar (specify):
(25) Left side window glass or frame
(26) Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail.
(27) Other left side object (specify):
(28) Left side window sill

RIGHT SIDE
(30) Right side interior surface, excluding hardware or armrests
(31) Right side hardware or armrest
(32) Right A (A1/A2)-pillar
(33) Right B-pillar
(34) Other right pillar (specify):
(35) Right side window glass or frame
(36) Right side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail.
(37) Other right side object (specify):
(38) Right side window sill

INTERIOR
(40) Seat, back support
(41) Belt restraint webbing/buckle
(42) Belt restraint B-pillar or door frame attachment point
(43) Other restraint system component (specify):
(44) Head restraint system
(45) Air bag (use codes "16" and "17" for injuries sustained from air bag compartment covers)
(46) Other occupants (specify):
(47) Interior loose objects
(48) Child safety seat (specify):
(49) Other interior object (specify):

ROOF
(50) Front header
(51) Rear header
(52) Roof left side rail
(53) Roof right side rail
(54) Roof or convertible top

FLOOR
(56) Floor (including toe pan)
(57) Floor or console mounted transmission lever, including console
(58) Parking brake handle
(59) Foot controls including parking brake

REAR
(60) Backlight (rear window)
(61) Backlight storage rack, door, etc.
(62) Other rear object (specify):

EXTERIOR of OCCUPANT'S VEHICLE
(65) Hood
(66) Outside hardware (e.g., outside mirror, antenna)
(67) Other exterior surface or tires (specify):
(68) Unknown exterior objects

EXTERIOR OF OTHER MOTOR VEHICLE
(70) Front bumper
(71) Hood edge
(72) Other front of vehicle (specify):
(73) Hood
(74) Hood ornament
(75) Windshield, roof rail, A-pillar
(76) Side surface
(77) Side mirrors
(78) Other side protrusions (specify)
(79) Rear surface
(80) Undercarriage
(81) Tires and wheels
(82) Other exterior of other motor vehicle (specify):
(83) Unknown exterior of other motor vehicle

OTHER VEHICLE OR OBJECT IN THE ENVIRONMENT
(84) Ground
(85) Other vehicle or object (specify)
(86) Unknown vehicle or object

NONCONTACT INJURY
(90) Fire in vehicle
(91) Flying glass
(92) Other noncontact injury source (specify):
(93) Air bag exhaust gases
(97) Injured, unknown source

INJURY SOURCE CONFIDENCE LEVEL

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

DIRECT/INDIRECT INJURY

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

OCCUPANT INJURY CLASSIFICATION

Body Region

(1) Head
(2) Face
(3) Neck
(4) Thorax
(5) Abdomen
(6) Spine
(7) Upper Extremity
(8) Lower Extremity
(9) Unspecified

Type of Anatomic Structure

(1) Whole Area
(2) Vessels
(3) Nerves
(4) Organs (includes muscles/ ligaments)
(5) Skeletal (includes joints)
(6) Head - LOC
(9) Skin

Specific Anatomic Structure

Whole Area
(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

Head - LOC
(02) Length of LOC
(04, 06, 08) Level of Consciousness
(10) Concussion

Spine
(02) Cervical
(04) Thoracic
(06) Lumbar

Vessels, Nerves, Organs, Bones, Joints are assigned consecutive two digit numbers beginning with 02

Level of Injury

Specific injuries are assigned consecutive two-digit numbers beginning with 02.

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.

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

Aspect

(1) Right
(2) Left
(3) Bilateral
(4) Central
(5) Anterior
(6) Posterior
(7) Superior
(8) Inferior
(9) Unknown
(0) Whole region

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

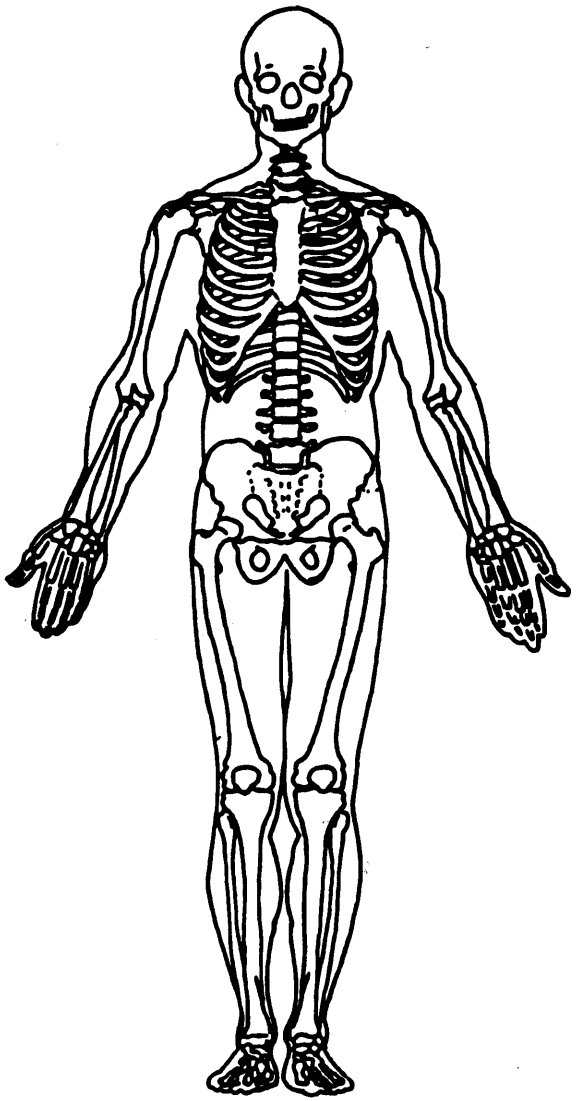
pH = __.__

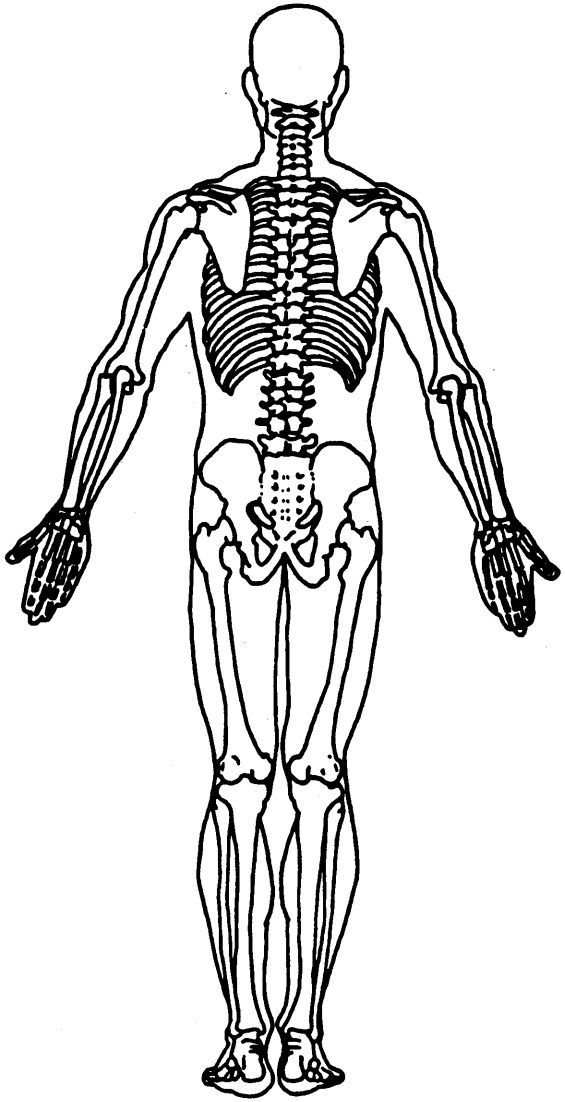
PO_2 = ____

PCO_2 ____

HCO_3 ____

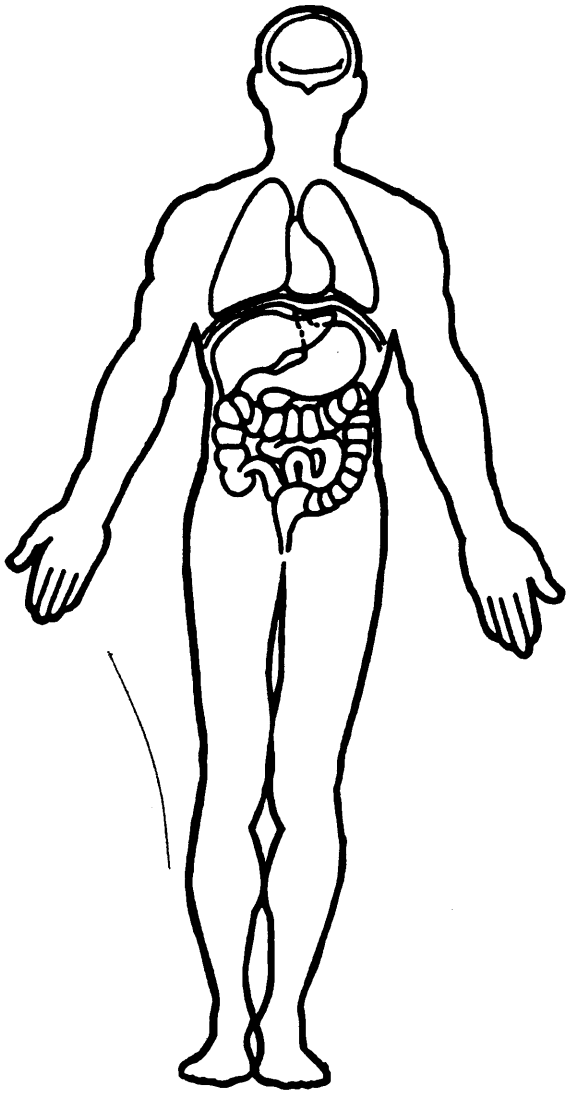
Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

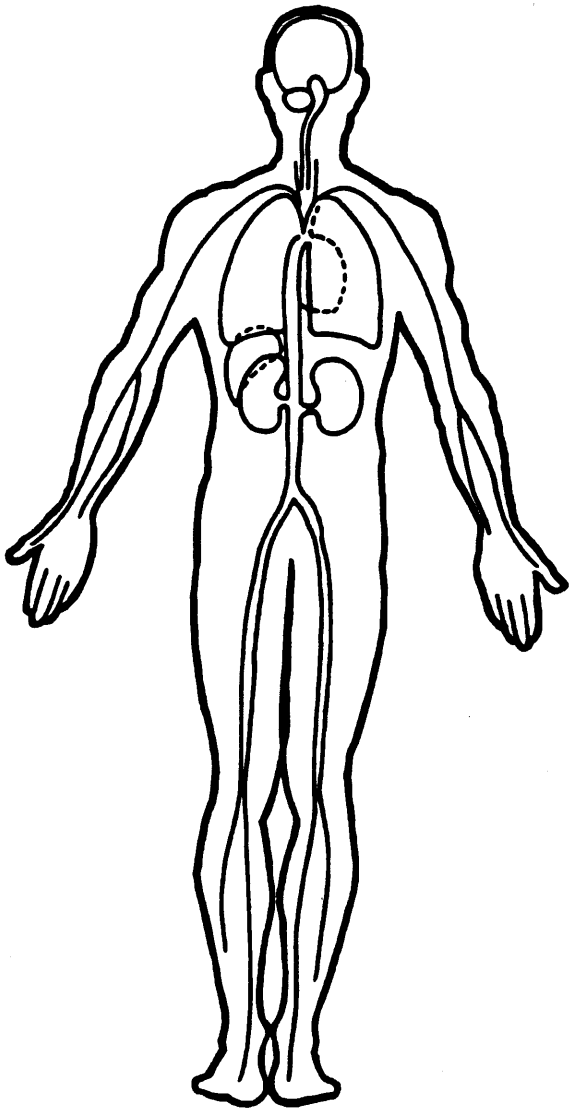




OFFICIAL INJURY DATA —INTERNAL INJURIES

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.)





PSU, 73-1233
(V00)

OCCUPANT RELATED

16. Driver Presence in Vehicle: 1
(0) Driver not present
(1) Driver present
(9) Unknown

17. Number of Occupants This Vehicle: 01
(00-96) Code actual number of occupants for this vehicle
(97) 97 or more
(99) Unknown

18. Number of Occupant Forms Submitted: 01

VEHICLE WEIGHT ITEMS

19. Vehicle Curb Weight: 1,350
____Code weight to nearest 10 kilograms.
(045) Less than 450 kilograms
(610) 6,100 kilograms or more
(999) Unknown

2,972 lbs X .4536 = 1,348 kgs

Source: [redacted]

20. Vehicle Cargo Weight: 0,000
____Code weight to nearest 10 kilograms.
(000) Less than 5 kilograms
(450) 4,500 kilograms or more
(999) Unknown

___,___ lbs X .4536 = ___,___ kgs

RECONSTRUCTION DATA

21. Towed Trailing Unit: 0
(0) No towed unit
(1) Yes—towed trailing unit
(9) Unknown

22. Documentation of Trajectory Data for This Vehicle: 0
(0) No
(1) Yes

23. Post Collision Condition of Tree or Pole (For Highest Delta V): 0
(0) Not collision (for highest delta V) with tree or pole
(1) Not damaged
(2) Cracked/sheared
(3) Tilted <45 degrees
(4) Tilted ≥45 degrees
(5) Uprooted tree
(6) Separated pole from base
(7) Pole replaced
(8) Other (specify):

(9) Unknown

24. Rollover: 2
(0) No rollover (no overturning)

Rollover (primarily about the longitudinal axis)
(1) Rollover, 1 quarter turn only
(2) Rollover, 2 quarter turns
(3) Rollover, 3 quarter turns
(4) Rollover, 4 or more quarter turns (specify):

(5) Rollover--end-over-end (i.e., primarily about the lateral axis)
(9) Rollover (overturn), details unknown

OVERRIDE/UNDERRIDE (THIS VEHICLE)

25. Front Override/Underride (this Vehicle): 0

26. Rear Override/Underride (this Vehicle): 0

(0) No override/underride, or not an end-to-end impact

Override (see specific CDC)
(1) 1st CDC
(2) 2nd CDC
(3) Other not automated CDC (specify):

Underride (see specific CDC)
(4) 1st CDC
(5) 2nd CDC
(6) Other not automated CDC (specify):

(7) Medium/heavy truck or bus override
(9) Unknown

HEADING ANGLE AT IMPACT FOR HIGHEST DELTA V

Values: (000)-(359) Code actual values
(997) Noncollision
(998) Impact with object
(999) Unknown

Coding Chg 1st Rev 3 A 2nd Rev 3 D

27. Heading Angle For This Vehicle: 270

28. Heading Angle For Other Vehicle: ~~000~~ 345

PSU, 73, 1235 (V02)

OTHER DATA

56. Driver's Zip Code [redacted]

(00000) Driver not present
(00001) Driver not a resident of U.S. or territories
_____ Code actual 5-digit zip code
(99999) Unknown

57. Driver's Race/Ethnic Origin 1
(0) Driver not present
(1) White (non-Hispanic)
(2) Black (non-Hispanic)
(3) White (Hispanic)
(4) Black (Hispanic)
(5) American Indian, Eskimo or Aleut
(6) Asian or Pacific Islander
(8) Other (specify): _____
(9) Unknown

58. Vehicle Special Use (This Trip) Ø
(0) No special use
(1) Taxi
(2) Vehicle used as school bus
(3) Vehicle used as other bus
(4) Military
(5) Police
(6) Ambulance
(7) Fire truck or car
(8) Other (specify): _____
(9) Unknown

ROLLOVER DATA

If GV07 (Body Type) ≠ 1-49, leave GV59-GV63 blank.
If GV24 (Rollover) = 0, then GV59-GV63 must equal 0.
If GV24 = 9, then GV59-GV63 must equal 9.

59. Rollover Initiation Type 5
(0) No rollover
(1) Trip-over
(2) Flip-over
(3) Turn-over
(4) Climb-over
(5) Fall-over
(6) Bounce-over
(7) Collision with another vehicle
(8) Other rollover initiation type specify): _____
(9) Unknown rollover initiation type

60. Location of Rollover Initiation 4
(0) No rollover
(1) On roadway
(2) On shoulder—paved
(3) On shoulder—unpaved
(4) On roadside or divided trafficway median
(9) Unknown

61. Rollover Initiation Object Contacted 3 1

62. Location on Vehicle Where Initial Principal Tripping Force Is Applied 8
(0) No rollover
(1) Wheels/tires
(2) Side plane
(3) End plane
(4) Undercarriage
(5) Other location on vehicle (specify): _____
(8) Non-contact rollover forces (specify): _____
(9) Unknown

63. Direction of Initial Roll 1
(0) No rollover
(1) Roll right - primarily about the longitudinal axis
(2) Roll left - primarily about the longitudinal axis
(5) End-over-end (i.e., primarily about the lateral axis)
(9) Unknown roll direction

PRECRASH DATA

64. Pre-Event Movement (Prior to Recognition of Critical Event) Ø 1
(01) Going straight
(02) Slowing or stopping in traffic lane
(03) Starting in traffic lane
(04) Stopped in traffic lane
(05) Passing or overtaking another vehicle
(06) Disabled or parked in travel lane
(07) Leaving a parking position
(08) Entering a parking position
(09) Turning right
(10) Turning left
(11) Making a U-turn
(12) Backing up (other than for parking position)
(13) Negotiating a curve
(14) Changing lanes
(15) Merging
(16) Successful avoidance maneuver to a previous critical event
(97) Other (specify): _____
(98) No driver present
(99) Unknown

PSU 73-137 V-02

CODES FOR ROLLOVER INITIATION OBJECT CONTACTED

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

Noncollision
(31) Turn-over — fall-over
(33) 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
(71) Motor vehicle not in-transport
(76) Animal
(77) Train
(78) Trailer, disconnected in transport
(88) Other nonfixed object (specify):
_____
(89) Unknown nonfixed object

(98) Other event (specify):
_____
(99) Unknown event or object

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

EXTERIOR VEHICLE FORM

NATIONAL ACCIDENT SAMPLING SYSTEM
CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number: 73
2. Case Number - Stratum: 123 J
3. Vehicle Number: 02

VEHICLE IDENTIFICATION

VIN 3 C 3 X A 4 6 K 4 N T [redacted] Model Year 92

Vehicle Make (specify): CHRYSLER Vehicle Model (specify): LeBaron 4DR

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
01	STARTS 6 cm AHEAD REAR AXLE	STARTS 7 cm rear of rear axle
(?) 02	" 18 cm " front "	SAME (ROLLOVER)

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 and document on the vehicle diagram the location of maximum crush.

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 Width (CDC)	Direct Damage Max Crush	Field L	C_1	C_2	C_3	C_4	C_5	C_6	±D
01	MID DOOR	148 cm	~31 cm	*CANNOT GET C- MEASURES DUE TO DOOR CANNOT BE SHUT AT ALL							-48
	PREVIOUS (2)										
02	Right side TOP	17 cm	1 cm ~7 cm		Rollover		Damage				+58

ORIGINAL SPECIFICATIONS WORK SHEET

Wheelbase	103.5	inches	x 2.54	=	263	cm
Overall Length	182.7	inches	x 2.54	=	464	cm
Maximum Width	68.1	inches	x 2.54	=	173	cm
Curb Weight	2,972	pounds	x .4536	=	1,348	kg
Average Track	57.4	inches	x 2.54	=	146	cm
Front Overhang	38.4	inches	x 2.54	=	98	cm
Rear Overhang	40.7	inches	x 2.54	=	103	cm
Undeformed End Width	___	inches	x 2.54	=	___	cm
Engine Size: cyl./displ.	___	cc	x .001	=	2.5	L
	___	CID	x .0164	=	___	L

10.2
11.2

38.4
39.3 - 40.7

VEHICLE DAMAGE SKETCH

TIRE–WHEEL DAMAGE

	a. Rotation physically restricted	b. Tire deflated
RF	2	2
LF	1	1
RR	2	2
LR	1	1

(1) Yes (2) No (8) NA (9) Unk.

TYPE OF TRANSMISSION

☐ Manual ☑ Automatic

ORIGINAL SPECIFICATIONS

Wheelbase	263	cm
Overall Length	464	cm
Maximum Width	173	cm
Curb Weight	1348	kg
Average Track	146	cm
Front Overhang	98	cm
Rear Overhang	103	cm
Undeformed End Width	137	cm
Engine Size: cyl./displ.	2.5	L

WHEEL STEER ANGLES

(For locked front wheels or displaced rear axles only)

RF ± — °
LF ± — °
RR ± — °
LR ± — °

Within ± 5 degrees

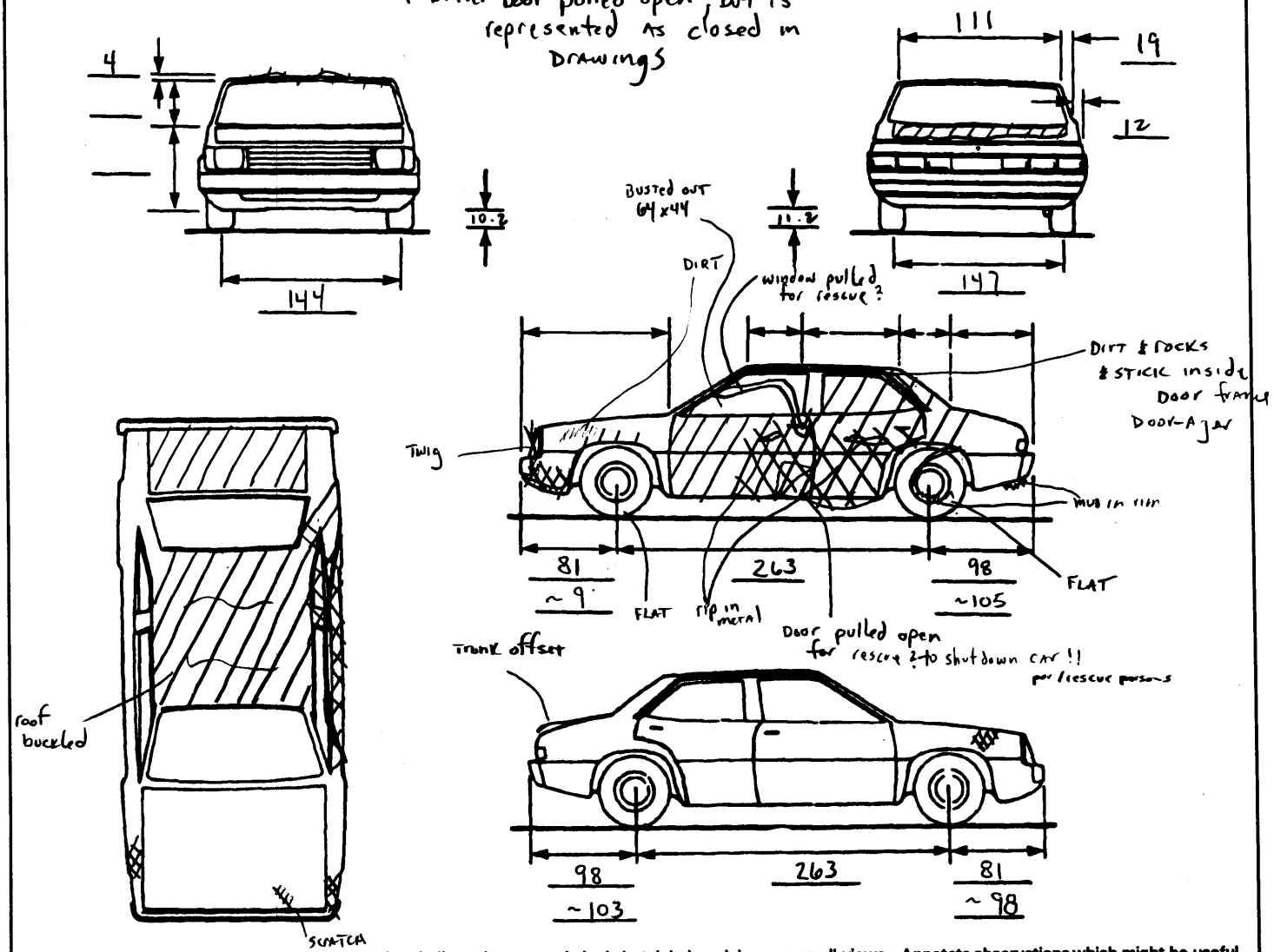
DRIVE WHEELS

☑ FWD ☐ RWD ☐ 4WD

Approximate Cargo Weight Ø kg

MEASUREMENTS IN CENTIMETERS

* Driver door pulled open, but is represented as closed in drawings

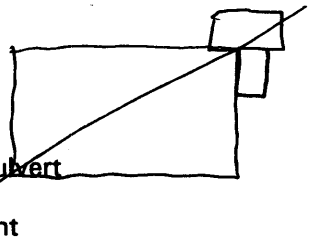


NOTES: Sketch new perimeter and cross hatch direct damage and single hatch induced damage on all views. Annotate observations which might be useful in reconstructing the accident (e.g., grass in tire bead, direction of striations, scuff on sidewalls, etc.). If pulling trailer, sketch type of trailer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

CDC WORKSHEET

CODES FOR OBJECT CONTACTED



(01-30) — Vehicle Number

Noncollision
- (31) Overturn — rollover
- (32) Fire or explosion
- (33) Jackknife
- (34) Other intraunit damage (specify): _____
- (35) 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
- (71) Motor vehicle 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
- (88) Other nonfixed object (specify): _____
- (89) Unknown nonfixed object
- (98) Other event (specify): _____
- (99) Unknown event or object

DEFORMATION CLASSIFICATION BY EVENT NUMBER

Accident Event Sequence Number	Object Contacted	(1) (2) Direction of Force (degrees)	Incremental Value of Shift	(3) Deformation Location	(4) Specific Longitudinal or Lateral Location	(5) Specific Vertical or Lateral Location	(6) Type of Damage Distribution	(7) Deformation Extent
01	01	300	00	L	P	E	W	02
03	31	000	00	T	Y	D	O	03
02	50	090	00	L	F	M	N	01

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

INTERIOR VEHICLE FORM

NATIONAL ACCIDENT SAMPLING SYSTEM
CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number 7 3
2. Case Number - Stratum 1 2 3 J
3. Vehicle Number 0 2

INTEGRITY

4. Passenger Compartment Integrity 0 6
(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): _____
(99) Unknown

Door, Tailgate or Hatch Opening

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

(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 Ø

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

(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

Glazing Damage from Impact Forces

15. WS 2 16. LF 6 17. RF Ø 18. LR Ø 19. RR Ø
20. BL Ø 21. Roof 8 22. Other 8

(0) 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
(8) No glazing
(9) Unknown if damaged

Glazing Damage from Occupant Contact

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

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

If No Glazing Damage *And* No Occupant Contact or No Glazing, Then Code IV31 Through IV46 As Ø

Type of Window/Windshield Glazing

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

(0) No glazing contact and no damage, or no glazing
(1) AS-1 — Laminated
(2) AS-2 — Tempered
(3) AS-3 — Tempered-tinted
(4) AS-14 — Glass/Plastic
(8) Other (specify): _____
(9) Unknown

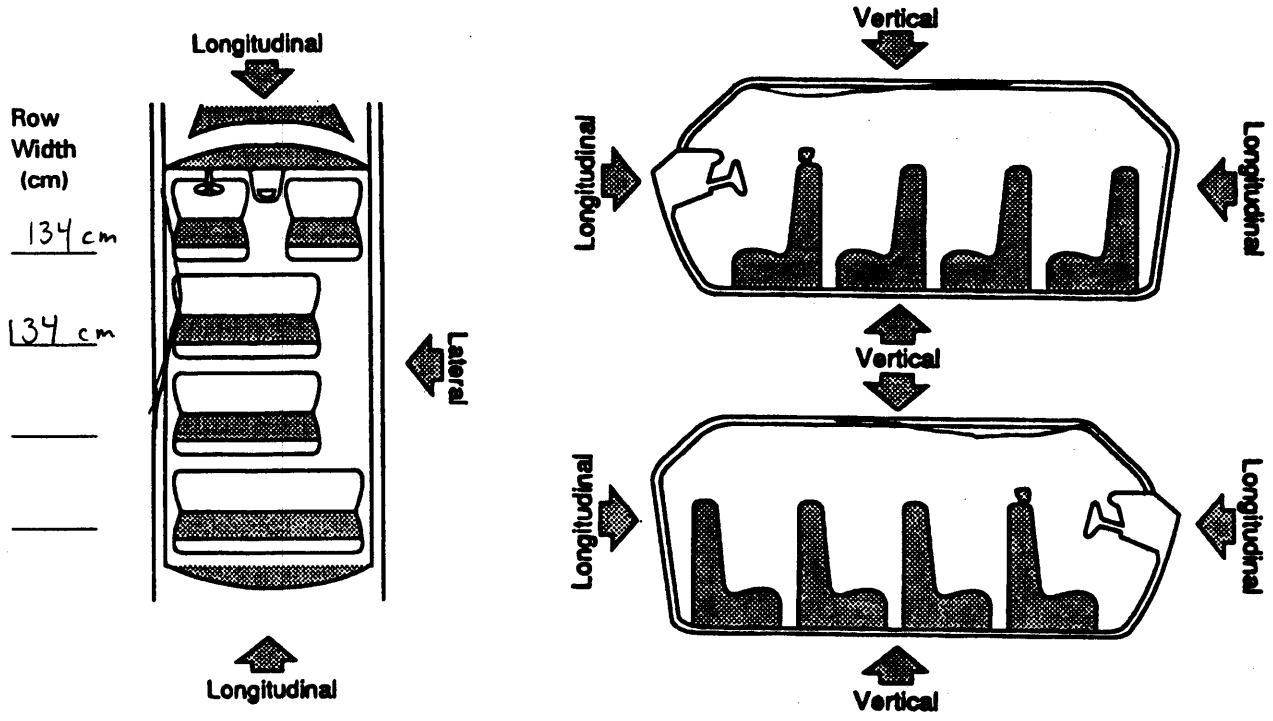
Window Precrash Glazing Status

39. WS 1 40. LF 2 41. RF Ø 42. LR Ø 43. RR Ø
44. BL Ø 45. Roof Ø 46. Other Ø

(0) No glazing contact and no damage, or no glazing
(1) Fixed
(2) Closed
(3) Partially opened
(4) Fully opened
(9) Unknown

INTRUSION WORKSHEET

Note: Sketch intruded areas



LOCATION OF INTRUSION	INTRUDED COMPONENT	(All Measurements Are In Centimeters) COMPARISON VALUE	–	INTRUDED VALUE	=	INTRUSION	DOMINANT CRUSH DIRECTION
Roof	11	44	–	40	=	4 cm	vert
Roof	12	44	–	37	=	7 cm	"
Roof	13	44	–	38	=	6 cm	"
Door	11		–		=	~8 cm	LAT
Door	21	70	–	52	=	18 cm ✓	"
B-Pillar	21	63	–	59	=	4 cm	"
sill	21	70	–	55	=	15 cm ✓	"
C-Pillar	21	65	–	57	=	8 cm ✓	"
Seat Back	21	66	–	55	=	11 cm ✓	Lat
Seat Cushion	21	64	–	51	=	13 cm ✓	Lat
			–		=		
			–		=		
			–		=		
			–		=		
			–		=		

Document no more than the 15 most severe intrusions

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. 21	48. 10	49. 3	50. 3
2nd	51. 21	52. 17	53. 3	54. 3
3rd	55. 21	56. 24	57. 2	58. 3
4th	59. 21	60. 20	61. 2	62. 3
5th	63. 21	64. 08	65. 2	66. 3
6th	67. 11	68. 10	69. 2	70. 3
7th	71. 13	72. 12	73. 1	74. 1
8th	75. 11	76. 12	77. 1	78. 1
9th	79. 12	80. 12	81. 1	82. 1
10th	83. 21	84. 07	85. 1	86. 3

LOCATION OF INTRUSION

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

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

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

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

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

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) Door panel (side)
- (12) Roof (or convertible top)
- (13) Roof side rail
- (14) Windshield
- (15) Windshield header
- (16) Window frame
- (17) Floor pan (includes sill)
- (18) Backlight header
- (19) Front seat back
- (20) Second seat back
- (21) Third seat back
- (22) Fourth seat back
- (23) Fifth seat back
- (24) Seat cushion
- (25) Back door/panel (e.g., tailgate)
- (26) Other interior component (specify): _____
- (27) Side panel - forward of the A (A2)-pillar
- (28) Side panel - rear of the A (A2)-pillar

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

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
	—	NONE	=	
	—		=	
	—		=	
	—		=	

STEERING COLUMN

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. Blank — X X
(This variable is left blank so that numbering consistency can be maintained with the 1988-93 CDS.

89. Blank — X X X
(This variable is left blank so that numbering consistency can be maintained with the 1988-93 CDS.

90. Blank — X X X
(This variable is left blank so that numbering consistency can be maintained with the 1988-93 CDS.

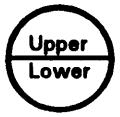
91. Blank — X X X
(This variable is left blank so that numbering consistency can be maintained with the 1988-93 CDS.

92. Steering Rim/Spoke Deformation — Ø Ø
_____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

93. Location of Steering Rim/Spoke Deformation — Ø Ø
(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

INSTRUMENT PANEL

94. Odometer Reading — Ø 4 5 ,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

27,864 miles X 1.6093 = 44,841 kilometers

Source: [redacted]

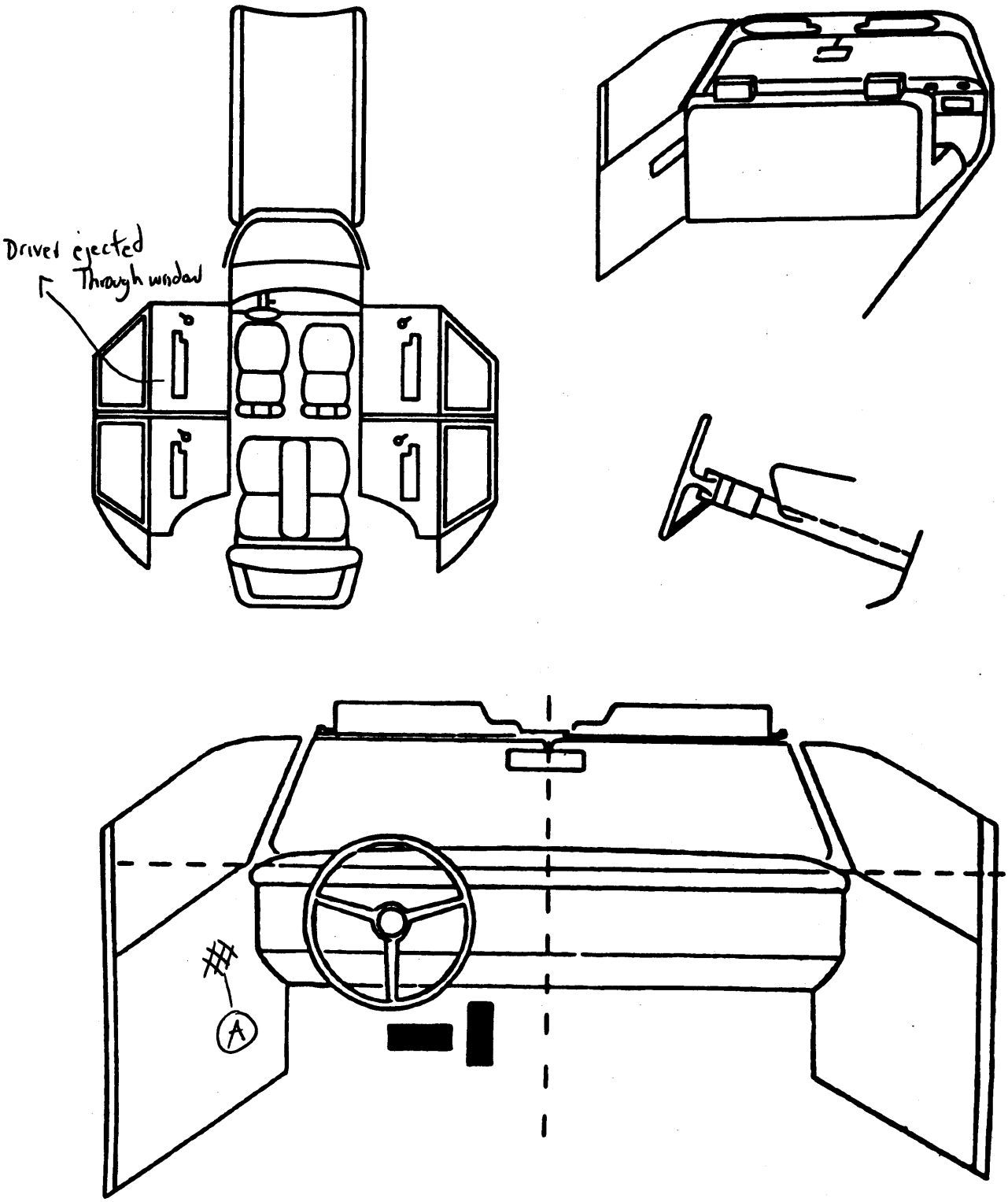
95. Instrument Panel Damage from Occupant Contact? — Ø
(0) No
(1) Yes
(9) Unknown

96. Knee Bolsters Deformed from Occupant Contact? — Ø
(0) No
(1) Yes
(8) Not present
(9) Unknown

97. Did Glove Compartment Door Open During Collision(s)? — Ø
(0) No
(1) Yes
(8) Not present
(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	DOOR	1	HIP	Broken speaker	02
B					
C					
D					
E					
F					
G					
H					
I					
J					
K					
L					
M					
N					

CODES FOR INTERIOR COMPONENTS

FRONT
- (01) Windshield
- (02) Mirror
- (03) Sunvisor
- (04) Steering wheel rim
- (05) Steering wheel hub/spoke
- (06) Steering wheel (combination of codes 04 and 05)
- (07) Steering column, transmission selector lever, other attachment
- (08) Add on equipment (e.g., CB, tape deck, air conditioner)
- (09) Left instrument panel and below
- (10) Center instrument panel and below
- (11) Right instrument panel and below
- (12) Glove compartment door
- (13) Knee bolster
- (14) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, mirror, or steering assembly (driver side only)
- (15) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only)
- (16) Driver side air bag compartment cover
- (17) Passenger side air bag compartment cover
- (18) Windshield reinforced by exterior object (specify):_____
- (19) Other front object (specify):

LEFT SIDE
- (20) Left side interior surface, excluding hardware or armrests
- (21) Left side hardware or armrest
- (22) Left A (A1/A2)-pillar
- (23) Left B-pillar
- (24) Other left pillar (specify):
- (25) Left side window glass or frame
- (26) Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail.
- (27) Other left side object (specify):
- (28) Left side window sill

RIGHT SIDE
- (30) Right side interior surface, excluding hardware or armrests
- (31) Right side hardware or armrest
- (32) Right A (A1/A2)-pillar
- (33) Right B-pillar
- (34) Other right pillar (specify):
- (35) Right side window glass or frame
- (36) Right side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B pillar, or roof side rail.
- (37) Other right side object (specify):
- (38) Right side window sill

INTERIOR
- (40) Seat, back support
- (41) Belt restraint webbing/buckle
- (42) Belt restraint B-pillar attachment point
- (43) Other restraint system component (specify):_____
- (44) Head restraint system
- (45) Air bag (use codes "16" and "17" for injuries sustained from air bag compartment covers)
- (46) Other occupants (specify):
- (47) Interior loose objects
- (48) Child safety seat (specify):
- (49) Other interior object (specify):

ROOF
- (50) Front header
- (51) Rear header
- (52) Roof left side rail
- (53) Roof right side rail
- (54) Roof or convertible top

FLOOR
- (56) Floor (including toe pan)
- (57) Floor or console mounted transmission lever, including console
- (58) Parking brake handle
- (59) Foot controls including parking brake

REAR
- (60) Backlight (rear window)
- (61) Backlight storage rack, door, etc.
- (62) Other rear object (specify):

CONFIDENCE LEVEL OF CONTACT POINT
- (1) Certain
- (2) Probable
- (3) Possible
- (9) Unknown

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	Right
FIRST	Availability/Function	1	∅
	Deployment	4	∅
	Failure	1	∅

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

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

Did Air Bag System Fail?
(0) Not equipped/not available
(1) No
(2) Yes (specify): _____
(9) Unknown

AUTOMATIC BELTS

		Left	Right
FIRST	Availability/Function	∅	∅
	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

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 Ocupant 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
FIRST	Availability	4	3	4
	Use	04	00	04
	Failure Modes	1	0	1
SECOND	Availability	4	3	4
	Use	00	00	00
	Failure Modes	0	0	0
THIRD	Availability			
	Use			
	Failure Modes			
OTHER	Availability			
	Use			
	Failure Modes			

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

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

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			NONE			
1. Type of Child Safety Seat						
2. Child Safety Seat Orientation						
3. Child Safety Seat Harness Usage						
4. Child Safety Seat Shield Uasge						
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)

   _____

   _____

   _____

   _____

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
FIRST	Head Restraint Type/Damage	3	ø	3
	Seat Type	ø6	ø6	ø6
	Seat Performance	1	1	1
	Seat Orientation	1	1	1
SECOND	Head Restraint Type/Damage	ø	ø	ø
	Seat Type	ø5	ø5	ø5
	Seat Performance	6	1	1
	Seat Orientation	1	1	1
THIRD	Head Restraint Type/Damage			
	Seat Type			
	Seat Performance			
	Seat Orientation			
OTHER	Head Restraint Type/Damage			
	Seat Type			
	Seat Performance			
	Seat Orientation			

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): Through Door / left side
(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

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

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 Occpant Assessment Form.

EJECTION No [ ] Yes [✓]

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

complete ejection Through Drivers Door ~~window~~

DAMAGE TO LF DOOR INDICATES DOOR CAME OPEN DURING ROLL.

Occupant Number	01					
Ejection	1					
(Note on Vehicle Interior Sketch) Ejection Area	2					
Ejection Medium	1/4					
Medium Status	2					

Ejection
(1) Complete ejection
(1) 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): Driver window
(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)

PSU 73-1235
(V02)

HEAD RESTRAINT AND SEAT EVALUATION

25. 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

26. Seat Type (this Occupant Position) — 01
    - (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

27. 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
    - (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

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

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Form Approved
O.M.B. No. 2127-0021

OCCUPANT INJURY FORM

NATIONAL ACCIDENT SAMPLING SYSTEM
CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number	73	3. Vehicle Number	02
2. Case Number - Stratum	123J	4. Occupant Number	01

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	O.I.C.-A.I.S: Body Region	Type of Anatomic Structure	Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Occupant Area Intrusion Number
1st	5. 3	6. 8	7. 9	8. 02	9. 02	10. 1	11. 2	12. 84	13. 3	14. 1	15. 00
2nd	16. 3	17. 8	18. 9	19. 06	20. 02	21. 1	22. 1	23. 84	24. 3	25. 1	26. 00
3rd	27. 2	28. 8	29. 4	30. 06	31. 00	32. 2	33. 1	34. 84	35. 3	36. 1	37. 00
4th	38. 2	39. 8	40. 4	41. 06	42. 02	43. 1	44. 1	45. 84	46. 3	47. 1	48. 00
5th	49. 2	50. 4	51. 5	52. 02	53. 32	54. 4	55. 2	56. 20	57. 3	58. 1	59. 06
6th	60. 2	61. 6	62. 5	63. 06	64. 20	65. 2	66. 8	67. 84	68. 3	69. 1	70. 00
7th	71. 2	72. 8	73. 5	74. 26	75. 06	76. 4	77. 0	78. 84	79. 3	80. 1	81. 00
8th	82. 2	83. 8	84. 5	85. 18	86. 18	87. 3	88. 1	89. 84	90. 3	91. 1	92. 00
9th	93. 3	94. 8	95. 5	96. 16	97. 06	98. 2	99. 1	100. 84	101. 3	102. 1	103. 00
10th	104. 6	105. 8	106. 5	107. 34	108. 04	109. 2	110. 2	111. 84	112. 3	113. 1	114. 00

4 vertebrae

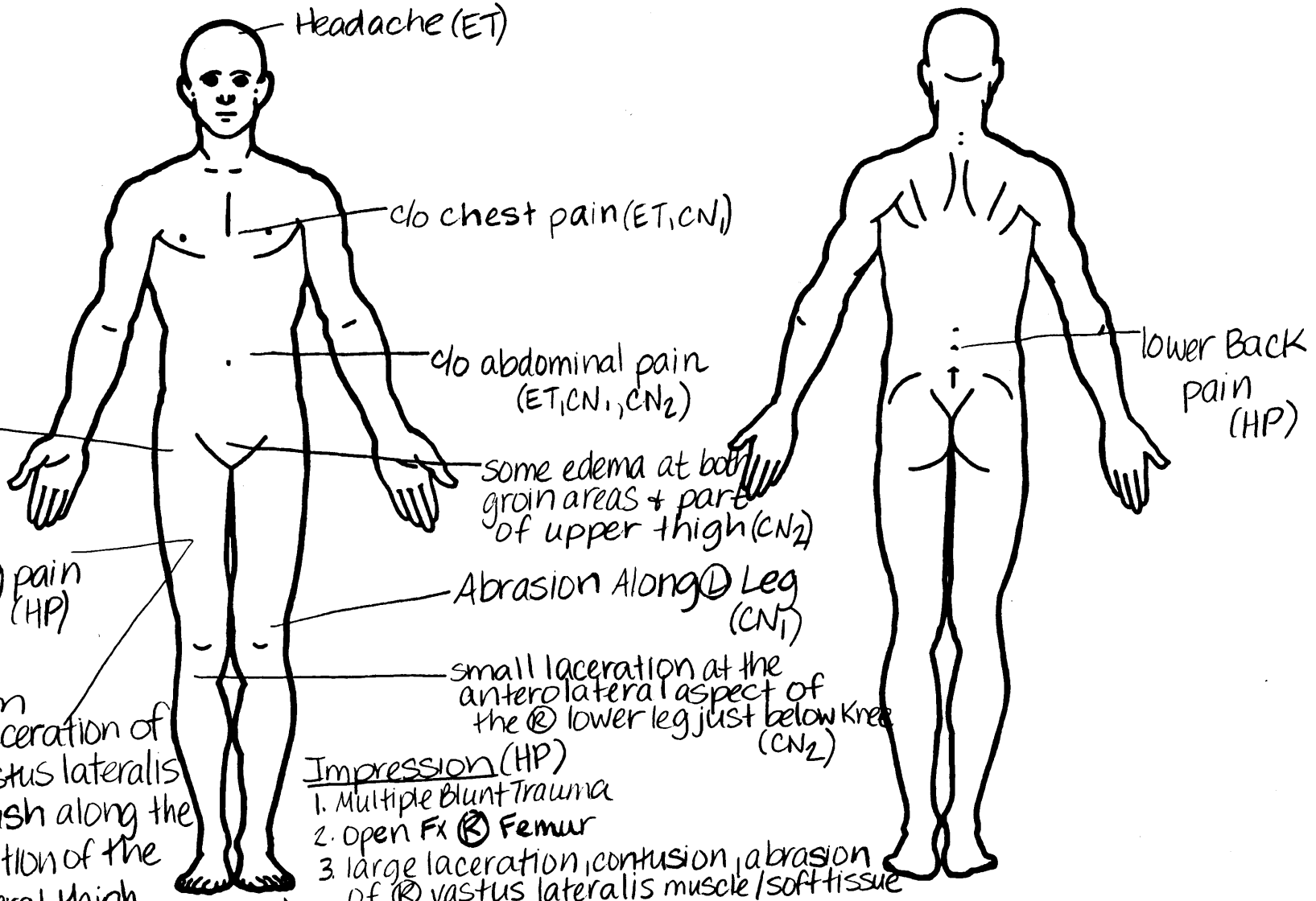
OCCUPANT INJURY DATA

	Source of Injury Data	O.I.C.-A.I.S Body Region	Type of Anatomic Structure	Specific Anatomic Structure	Level of Injury	A.I.S. Seventy	Aspect	Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Occupant Area Intrusion Number
11th	2	8	2	02	06	3	1	84	3	1	00
12th	2	4	4	14	10	4	3	84	3	1	00
13th	3	1	6	04	10	2	0	84	3	1	00
14th	—	—	—	— —	— —	—	—	— —	—	—	— —
15th	—	—	—	— —	— —	—	—	— —	—	—	— —
16th	—	—	—	— —	— —	—	—	— —	—	—	— —
17th	—	—	—	— —	— —	—	—	— —	—	—	— —
18th	—	—	—	— —	— —	—	—	— —	—	—	— —
19th	—	—	—	— —	— —	—	—	— —	—	—	— —
20th	—	—	—	— —	— —	—	—	— —	—	—	— —
21st	—	—	—	— —	— —	—	—	— —	—	—	— —
22nd	—	—	—	— —	— —	—	—	— —	—	—	— —
23rd	—	—	—	— —	— —	—	—	— —	—	—	— —
24th	—	—	—	— —	— —	—	—	— —	—	—	— —
25th	—	—	—	— —	— —	—	—	— —	—	—	— —

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.)

* Thrown from vehicle (ER, HP, CN1, CN3, CN5) * Laying in Ditch face up next to vehicle (ET)



Impression (HP)
1. Multiple Blunt Trauma
2. open Fx Ⓡ Femur
3. large laceration, contusion, abrasion of Ⓡ vastus lateralis muscle/soft tissue
4. Fx of Pelvic Rami ☐ displacement
8. Pulmonary Contusion

SOURCE OF INJURY DATA

OFFICIAL
(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
(5) Lay coroner report
(6) E.M.S. personnel
(7) Interviewee
(8) Other source (specify):

(9) Police

INJURY SOURCE

FRONT
(01) Windshield
(02) Mirror
(03) Sunvisor
(04) Steering wheel rim
(05) Steering wheel hub/spoke
(06) Steering wheel (combination of codes 04 and 05)
(07) Steering column, transmission selector lever, other attachment
(08) Add on equipment (e.g., CB, tape deck, air conditioner)
(09) Left instrument panel and below
(10) Center instrument panel and below
(11) Right instrument panel and below
(12) Glove compartment door
(13) Knee bolster
(14) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, mirror, or steering assembly (driver side only)
(15) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only)
(16) Driver side air bag compartment cover
(17) Passenger side air bag compartment cover
(18) Windshield reinforced by exterior object (specify):
(19) Other front object (specify):

LEFT SIDE
(20) Left side interior surface, excluding hardware or armrests
(21) Left side hardware or armrest
(22) Left A (A1/A2)-pillar
(23) Left B-pillar
(24) Other left pillar (specify):
(25) Left side window glass or frame
(26) Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail.
(27) Other left side object (specify):
(28) Left side window sill

RIGHT SIDE
(30) Right side interior surface, excluding hardware or armrests
(31) Right side hardware or armrest
(32) Right A (A1/A2)-pillar
(33) Right B-pillar
(34) Other right pillar (specify):
(35) Right side window glass or frame
(36) Right side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail.
(37) Other right side object (specify):
(38) Right side window sill

INTERIOR
(40) Seat, back support
(41) Belt restraint webbing/buckle
(42) Belt restraint B-pillar or door frame attachment point
(43) Other restraint system component (specify):
(44) Head restraint system
(45) Air bag (use codes "16" and "17" for injuries sustained from air bag compartment covers)
(46) Other occupants (specify):
(47) Interior loose objects
(48) Child safety seat (specify):
(49) Other interior object (specify):

ROOF
(50) Front header
(51) Rear header
(52) Roof left side rail
(53) Roof right side rail
(54) Roof or convertible top

FLOOR
(56) Floor (including toe pan)
(57) Floor or console mounted transmission lever, including console
(58) Parking brake handle
(59) Foot controls including parking brake

REAR
(60) Backlight (rear window)
(61) Backlight storage rack, door, etc.
(62) Other rear object (specify):

EXTERIOR of OCCUPANT'S VEHICLE
(65) Hood
(66) Outside hardware (e.g., outside mirror, antenna)
(67) Other exterior surface or tires (specify):
(68) Unknown exterior objects

EXTERIOR OF OTHER MOTOR VEHICLE
(70) Front bumper
(71) Hood edge
(72) Other front of vehicle (specify):
(73) Hood
(74) Hood ornament
(75) Windshield, roof rail, A-pillar
(76) Side surface
(77) Side mirrors
(78) Other side protrusions (specify)
(79) Rear surface
(80) Undercarriage
(81) Tires and wheels
(82) Other exterior of other motor vehicle (specify):
(83) Unknown exterior of other motor vehicle

OTHER VEHICLE OR OBJECT IN THE ENVIRONMENT
(84) Ground
(85) Other vehicle or object (specify)
(86) Unknown vehicle or object

NONCONTACT INJURY
(90) Fire in vehicle
(91) Flying glass
(92) Other noncontact injury source (specify):
(93) Air bag exhaust gases
(97) Injured, unknown source

INJURY SOURCE CONFIDENCE LEVEL

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

DIRECT/INDIRECT INJURY

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

OCCUPANT INJURY CLASSIFICATION

Body Region

(1) Head
(2) Face
(3) Neck
(4) Thorax
(5) Abdomen
(6) Spine
(7) Upper Extremity
(8) Lower Extremity
(9) Unspecified

Type of Anatomic Structure

(1) Whole Area
(2) Vessels
(3) Nerves
(4) Organs (includes muscles/ ligaments)
(5) Skeletal (includes joints)
(6) Head - LOC
(9) Skin

Specific Anatomic Structure

Whole Area
(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

Head - LOC
(02) Length of LOC
(04, 06, 08) Level of Consciousness
(10) Concussion

Spine
(02) Cervical
(04) Thoracic
(06) Lumbar

Vessels, Nerves, Organs, Bones, Joints are assigned consecutive two digit numbers beginning with 02

Level of Injury

Specific injuries are assigned consecutive two-digit numbers beginning with 02.

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.

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

Aspect

(1) Right
(2) Left
(3) Bilateral
(4) Central
(5) Anterior
(6) Posterior
(7) Superior
(8) Inferior
(9) Unknown
(0) Whole region

OFFICIAL INJURY DATA — SKELETAL INJURIES

Restrained?

X No

___ Yes

Blood Alcohol Level (mg/dl)

BAL = ____

Glasgow Coma Scale Score

GCSS = ____

Units of Blood Given

Units = 1 unit (ER)

Arterial Blood Gases

pH = ___.___

PO_2 = ____

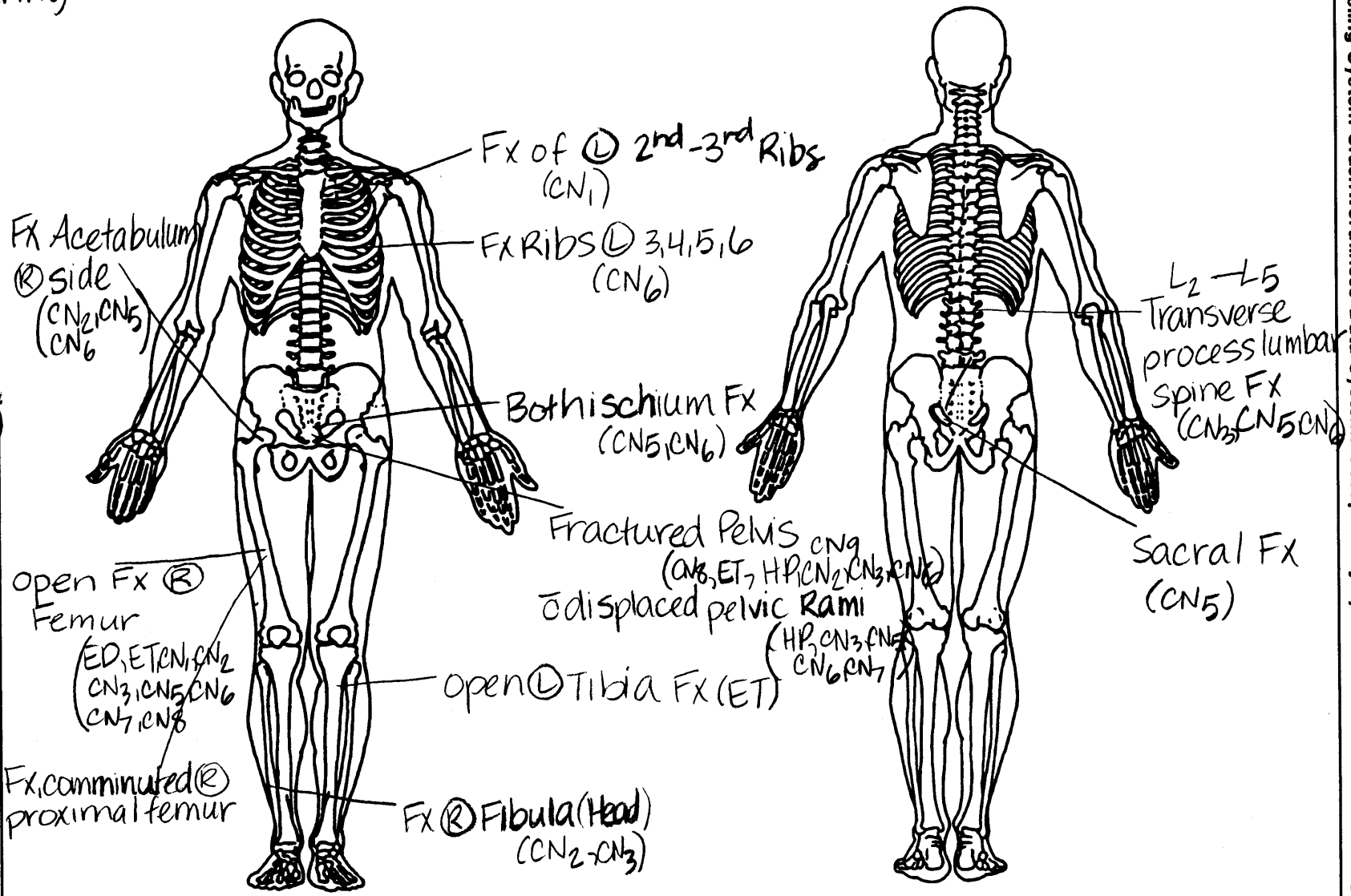
PCO_2 ____

HCO_3 ____

* Air Bag in Place (HP)

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.)

* Not wearing a seatbelt (HP, CN_5, CN_6)



OFFICIAL INJURY DATA — INTERNAL INJURIES

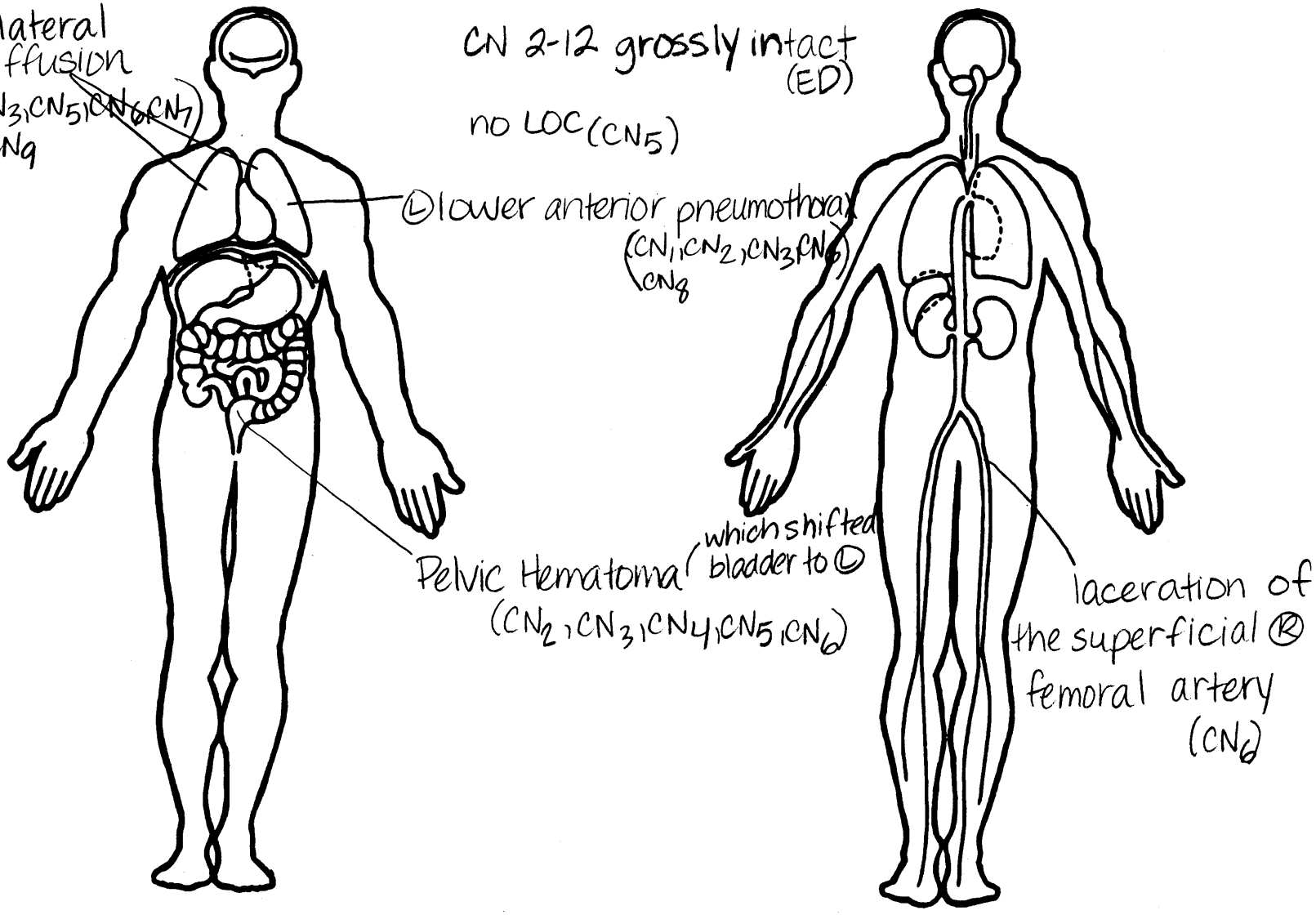
Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

*Could not recall events of Accident (CN_3)

A + O x 3 (ED, HP, CN_5)

CN 2-12 grossly intact (ED)

no LOC (CN_5)



OUT OF SCOPE DUE TO IMPACT ANGLE

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

OLDMISS PROGRAM SUMMARY

(All Measurements In Metric)

NATIONAL ACCIDENT SAMPLING SYSTEM
CRASHWORTHINESS DATA SYSTEM

Identifying Title

7 3	1 2 3 J	0 1	
Primary Sampling Unit	Case No.-Stratum	Accident Event Sequence No.	Date (Month, day, year) of Run

OLDMISS Vehicle Identification

	Year	Make	Model	NASS Veh. No.
Vehicle 1	1984	Chevy	Cavalier	01
Vehicle 2	1992	Chrysler	Lebaron	02

GENERAL INFORMATION

VEHICLE 1	VEHICLE 2
Size: 2	Size: 2
Weight: 1116 (Curb) + 147 (Occupant(s)) + 0 (Cargo) = 1263 kg	Weight: 1348 (Curb) + 59 (Occupant(s)) + 0 (Cargo) = 1407 kg
Damaged Area of Vehicle (F = Front, L = Left, R = Right, B = Back): F (Vehicle 1)	Damaged Area of Vehicle (F = Front, L = Left, R = Right, B = Back): R (Vehicle 2)
Vehicle Heading Angles At Impact, in Degrees: + 000 ° (Vehicle 1)	Vehicle Heading Angles At Impact, in Degrees: + 270 ° (Vehicle 2)
Stiffness Category for Vehicle: 9 (Vehicle 1)	Stiffness Category for Vehicle: 2 (Vehicle 2)

DAMAGE INFORMATION

For Which Vehicle Is The Damage Known: 1

PDOF for Known Vehicle in Degrees (-180 to +180): ±070 °

Damage Length (L) for Known Vehicle: 148 cm

Crush Measurements Known Vehicle:

C_1	000 cm
C_2	001 cm
C_3	003 cm
C_4	005 cm
C_5	008 cm
C_6	012 cm

Damage Midpoint Offset for Known Vehicle: D ⊕022 cm

Estimated Damage Midpoint Offset for Unknown Vehicle: D ±048 cm

1

PSU73 1993 ACCIDENT FORM
CASE 123J

IDENTIFICATION
3. Number of General Vehicle Forms Submitted 02
4. Date of Accident (Month, Day, Year) [redacted]/93
5. Time of Accident (military time) 1400

SPECIAL STUDIES - INDICATORS
6. SS14 0 7. SS15 0 8. SS16 0 9. SS17 0 10. SS18 0

NUMBER OF EVENTS
11. Number of Recorded Events in This Accident 03
01

PSU73
CASE 123J

1993 ACCIDENT FORM

ACCIDENT EVENTS

Accident Sequence Number	Vehicle Number	Class of Vehicle	General Area of Damage	Veh. Num. or Obj. Cont.	Class of Vehicle	General Area of Damage
012. 01	013. 01	014. 02	015. F	016. 02	017. 02	018. L
019. 02	020. 02	021. 02	022. L	023. 50	024. 00	025. 0
026. 03	027. 02	028. 02	029. T	030. 31	031. 00	032. N

011
INTRA ERRORS

01********** NO ERRORS **********
001

PSU73
CASE 123J
VEHICLE 01

1993 GENERAL VEHICLE FORM

VEHICLE IDENTIFICATION

4.	Model Year	84	5.	Make	20
6.	Model	016	7.	Body Type	06
8.	VIN	1G1AD35P6EJ[redacted]			

OFFICIAL RECORDS

9.	Police Reported Disposition	1	10.	Police Reported Travel Speed	999
11.	Police Rep. Alcohol Presence	0	12.	Alcohol Test Result for Driver	96

ACCIDENT RELATED

13.	Speed Limit	048	14.	Attempted Avoid. Maneuver	03
15.	Accident Type	88			

OCCUPANT RELATED

16.	Driver Presence in Vehicle	1	17.	No. Occupants This Vehicle	02
18.	No. Occupant Forms Submitted	02			

VEHICLE WEIGHT ITEMS

19.	Vehicle Curb Weight	112	20.	Vehicle Cargo Weight	000

RECONSTRUCTION DATA

21.	Towed Trailing Unit	0	22.	Trajectory Data Documented	0
23.	Post Col. Cond. of Tree/Pole	0	24.	Rollover	0

OVERRIDE/UNDERRIDE (this vehicle)

25. F 0 26. R 0

HEADING ANGLE AT IMPACT FOR HIGHEST DELTA V

27.	Heading Angle This Vehicle	000	28.	Heading Angle Other Vehicle	270

HEADING ANGLE AT IMPACT FOR HIGHEST DELTA V (Cont.)

29. Basis for Total Delta V	6

COMPUTER GENERATED DELTA V

30. Total Delta V	999
31. Longitudinal Component of Delta V	999
32. Lateral Component of Delta V	999
33. Energy Absorption	9999
34. Confidence in Reconstruction Program Results	0
35. Type of Vehicle Inspection	1
36. Is this an AOPS vehicle?	0

37. Police Reported Drug Presence	0
38. Police Reported Drug Evaluation Classification	0
39. Other Drug Specimen Test Type for Driver	0

DRUG EVALUATION CLASSIFICATION / Other Test Results for Driver

	DEC Observation/ Perception Test Results	Specimen Test Results
Narcotic Drug	40. 0	41. 0
Depressant Drug	42. 0	43. 0
Stimulant Drug	44. 0	45. 0
Hallucinogen Drug	46. 0	47. 0
Cannabinoid Drug	48. 0	49. 0
Phencyclidine (PCP)	50. 0	51. 0
Inhalant Drug	52. 0	53. 0
Other Drug	54. 0	55. 0

OTHER DATA

56. Driver's Zip Code	[redacted]	57. Driver's Race/Ethnic Origin	1
58. Vehicle Special Use	0		

ROLLOVER DATA

59. Rollover Initiation Type	0	60. Location of Rollover Initiation	0
61. Rollover Initiation Object Contacted	00	62. Location on Vehicle Where Initial Principal Tripping Force Applied	0
63. Direction of Initial Roll	0		

PRECRASH DATA

64. Pre-Event Movement (Prior to Recognition of Critical Event)	01	65. Initial Critical (Precrash) Event	66
66. Precrash Stability After 011	2	67. Precrash Directional Consequences	1

INTRA ERRORS

01********** NO ERRORS **********

PSU73
CASE 123J
VEHICLE 01

1993 EXTERIOR VEHICLE FORM

COLLISION DEFORMATION CLASSIFICATION

HIGHEST DELTA "V"

Accident Sequence Number	Object Contacted	Direction of Force	Deform. Location	Specific Longitud. or lat. Location	Specific Vertical or Lateral Location	Type of Damage Distrib.	Deform. Extent
4. 01	5. 02	6. 02	7. F	8. Z	9. E	10. W	11. 01

SECOND HIGHEST DELTA "V"

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

CRUSH PROFILE IN CENTIMETERS

HIGHEST DELTA "V"

20. L	21. C1	C2	C3	C4	C5	C6	22. +/-D
150	000	001	003	005	008	012	+022

SECOND HIGHEST DELTA "V"

23. L	24. C1	C2	C3	C4	C5	C6	25. +/-D

26. CDCs Documented but not coded 0
27. Researchers Assess. Veh. Disp. 1
28. Original Wheelbase 257

29. Is this a Multi-staged Manufactured Vehicle and/or a Certified Altered Vehicle? 0
30. Fire Occurrence 0
31. Origin of Fire 0
32. Type of Fuel Tank 1

011
INTRA ERRORS

01********** NO ERRORS **********
001

PSU73 1993 INTERIOR VEHICLE FORM
CASE 123J
VEHICLE 01

INTEGRITY

4. Passenger Compartment 00

Door, Tailgate or Hatch opening

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

Damage/Failure Associated with Door, Tailgate or Hatch Opening in Collision

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

GLAZING

Glazing Damage from Impact Forces

15. WS 2 16. LF 0 17. RF 0 18. LR 0 19. RR 0
20. BL 0 21. Roof 8 22. Other 0

Glazing Damage from Occupant Contact

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

GLAZING (Cont.)

Type of Window/Windshield Glazing

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

Window Precrash Glazing Status

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

OCCUPANT AREA INTRUSION

Location of Intrusion	Intruding Component	Magnitude of Intrusion	Dominant Crush Direction
47.	48.	49.	50.
51.	52.	53.	54.
55.	56.	57.	58.
59.	60.	61.	62.
63.	64.	65.	66.
67.	68.	69.	70.
71.	72.	73.	74.
75.	76.	77.	78.
79.	80.	81.	82.
83.	84.	85.	86.

STEERING COLUMN

87. Steering Column Type 1
88. Blank
89. Blank
90. Blank
91. Blank
92. Steering Rim/Spoke Deform 00
93. Location of Rim/Spoke Deform 00

INSTRUMENT PANEL

94. Odometer Reading 159,000
95. Instrument Panel Damage 0
96. Knee Bolsters Deformed 8
97. Glove Door Open 0

011
INTRA ERRORS

01********** NO ERRORS **********
001

PSU73 1993 OCCUPANT ASSESSMENT FORM
CASE 123J
VEHICLE 01 OCCUPANT 01

OCCUPANT'S CHARACTERISTICS

5. Age 16
6. Sex 2
7. Height 163
8. Weight 054
9. Role 1

OCCUPANT'S SEATING

10. Seat Position 11
11. Posture 0

EJECTION/ENTRAPMENT

12. Ejection 0
13. Ejection Area 0
14. Ejection Medium 0
15. Medium Status 0
16. Entrapment 0

RESTRAINT SYSTEM EVALUATION

17. Belt System Availability	4	18. Belt System Use	04
19. Proper Use of Belt	1	20. Belt Failure Modes During Impact	1
21. Air Bag Availability	0	22. Air Bag Deployment	0
23. Are There Indications of Air Bag System Failure?	0	24. Police Reported Restraint Use	4

HEAD RESTRAINT AND SEAT EVALUATION

25. Head Restraint Type/Damage by Occupant at this Position	1
26. Seat Type	01
27. Seat Performance	1

CHILD SAFETY SEAT

28. Child/Safety Seat Make/Model	000
29. Type of Child Safety Seat	0
30. Orientation	00
31. Harness	00
32. Shield	00
33. Tether	00

INJURY CONSEQUENCES

34. Severity (Police Rating)	1
35. Treatment - Mortality	4
36. Type of Med. Facility (Initial)	1
37. Hospital Stay	00
38. Working Days Lost	97

CAUSE OF DEATH (Completed by Zone Center)

39. Time to Death
40. Cause #1
41. Cause #2
42. Cause #3
43. Number of Recorded Injuries

AUTOMATIC BELT SYSTEM

44. Automatic (Passive) Belt System Availability/Function 0
45. Automatic (Passive) Belt System Use 0
46. Automatic (Passive) Belt System Type 0
47. Proper Use of Automatic (Passive) Belt System 0
48. Automatic (Passive) Belt System Failure Mode 0
49. Seat Orientation (this Occupant Position) 1

TRAUMA DATA (Completed by Zone Center)

50. Glasgow Coma Scale (GCS) Score
51. Was the Occupant Given Blood?
52. Arterial Blood Gases (ABG) - HCO3
011
INTRA ERRORS

01********** NO ERRORS **********
001

PSU73 1993 OCCUPANT ASSESSMENT FORM
CASE 123J
VEHICLE 01 OCCUPANT 02

OCCUPANT'S CHARACTERISTICS

5. Age 16 6. Sex 1 7. Height 178
8. Weight 093 9. Role 2

OCCUPANT'S SEATING

10. Seat Position 13 11. Posture 0

EJECTION/ENTRAPMENT

12. Ejection 0 13. Ejection Area 0 14. Ejection Medium 0
15. Medium Status 0 16. Entrapment 0

RESTRAINT SYSTEM EVALUATION

17. Belt System Availability 4 18. Belt System Use 04
19. Proper Use of Belt 1 20. Belt Failure Modes During Impact 1
21. Air Bag Availability 0 22. Air Bag Deployment 0
23. Are There Indications of Air Bag System Failure? 0 24. Police Reported Restraint Use 1

HEAD RESTRAINT AND SEAT EVALUATION

25. Head Restraint Type/Damage by Occupant at this Position 1
26. Seat Type 01
27. Seat Performance 1

CHILD SAFETY SEAT

28.	Child/Safety Seat Make/Model	000
29.	Type of Child Safety Seat	0
30.	Orientation	00
31.	Harness	00
32.	Shield	00
33.	Tether	00

INJURY CONSEQUENCES

34.	Severity (Police Rating)	0
35.	Treatment - Mortality	0
36.	Type of Med. Facility (Initial)	0
37.	Hospital Stay	00
38.	Working Days Lost	97

CAUSE OF DEATH (Completed by Zone Center)

39. Time to Death
40. Cause #1
41. Cause #2
42. Cause #3
43. Number of Recorded Injuries

AUTOMATIC BELT SYSTEM

44.	Automatic (Passive) Belt System Availability/Function	0
45.	Automatic (Passive) Belt System Use	0
46.	Automatic (Passive) Belt System Type	0
47.	Proper Use of Automatic (Passive) Belt System	0
48.	Automatic (Passive) Belt System Failure Mode	0
49.	Seat Orientation (this Occupant Position)	1

TRAUMA DATA (Completed by Zone Center)

50. Glasgow Coma Scale (GCS) Score
51. Was the Occupant Given Blood?
52. Arterial Blood Gases (ABG) - HCO3

011
INTRA ERRORS

01********** NO ERRORS **********
001

PSU73 1993 GENERAL VEHICLE FORM
CASE 123J
VEHICLE 02

VEHICLE IDENTIFICATION

4.	Model Year	92	5.	Make	06
6.	Model	016	7.	Body Type	04
8.	VIN	3C3XA46K4NT[redacted]			

OFFICIAL RECORDS

9.	Police Reported Disposition	1	10.	Police Reported Travel Speed	999
11.	Police Rep. Alcohol Presence	0	12.	Alcohol Test Result for Driver	96

ACCIDENT RELATED

13.	Speed Limit	080	14.	Attempted Avoid. Maneuver	01
15.	Accident Type	89			

OCCUPANT RELATED

16.	Driver Presence in Vehicle	1	17.	No. Occupants This Vehicle	01
18.	No. Occupant Forms Submitted	01			

VEHICLE WEIGHT ITEMS

19.	Vehicle Curb Weight	135	20.	Vehicle Cargo Weight	000

RECONSTRUCTION DATA

21.	Towed Trailing Unit	0	22.	Trajectory Data Documented	0
23.	Post Col. Cond. of Tree/Pole	0	24.	Rollover	2

OVERRIDE/UNDERRIDE (this vehicle)

25.	F	0	26.	R	0

HEADING ANGLE AT IMPACT FOR HIGHEST DELTA V

27.	Heading Angle This Vehicle	270	28.	Heading Angle Other Vehicle	000

HEADING ANGLE AT IMPACT FOR HIGHEST DELTA V (Cont.)

29.	Basis for Total Delta V	6

COMPUTER GENERATED DELTA V

30.	Total Delta V	999
31.	Longitudinal Component of Delta V	999
32.	Lateral Component of Delta V	999
33.	Energy Absorption	9999
34.	Confidence in Reconstruction Program Results	0
35.	Type of Vehicle Inspection	2
36.	Is this an AOPS vehicle?	1

37. Police Reported Drug Presence 0
38. Police Reported Drug Evaluation Classification 0
39. Other Drug Specimen Test Type for Driver 0

DRUG EVALUATION CLASSIFICATION / Other Test Results for Driver

	DEC Observation/ Perception Test Results		Specimen Test Results	
Narcotic Drug	40.	0	41.	0
Depressant Drug	42.	0	43.	0
Stimulant Drug	44.	0	45.	0
Hallucinogen Drug	46.	0	47.	0
Cannabinoid Drug	48.	0	49.	0
Phencyclidine (PCP)	50.	0	51.	0
Inhalant Drug	52.	0	53.	0
Other Drug	54.	0	55.	0

OTHER DATA
56. Driver's Zip Code [redacted] 57. Driver's Race/Ethnic Origin 1
58. Vehicle Special Use 0

ROLLOVER DATA
59. Rollover Initiation Type 5 60. Location of Rollover Initiation 4
61. Rollover Initiation Object Contacted 31 62. Location on Vehicle Where Initial Principal Tripping Force Applied 8
63. Direction of Initial Roll 1

PRECRASH DATA
64. Pre-Event Movement (Prior to Recognition of Critical Event) 01 65. Initial Critical (Precrash) Event 17
66. Precrash Stability After 0 67. Precrash Directional Consequences 0
011
INTRA ERRORS

0GG0421 2 If ROLLOVER GV24 equals 1-9, then BASIS FOR DELTA V
V29 should GG0422 equal 4 or 5.

01

PSU73
CASE 123J
VEHICLE 02

1993 EXTERIOR VEHICLE FORM

COLLISION DEFORMATION CLASSIFICATION

HIGHEST DELTA "V"

Accident Sequence Number	Object Contacted	Direction of Force	Deform. Location	Specific Longitud. or lat. Location	Specific Vertical or Lateral Location	Type of Damage Distrib.	Deform. Extent
4. 01	5. 01	6. 11	7. L	8. P	9. E	10. W	11. 02

SECOND HIGHEST DELTA "V"

12. 03	13. 31	14. 00	15. T	16. Y	17. D	18. O	19. 03

CRUSH PROFILE IN CENTIMETERS

HIGHEST DELTA "V"

20. L	21. C1	C2	C3	C4	C5	C6	22. +/-D

SECOND HIGHEST DELTA "V"

23. L	24. C1	C2	C3	C4	C5	C6	25. +/-D

26.	CDCs Documented but not coded	0
27.	Researchers Assess. Veh. Disp.	1
28.	Original Wheelbase	263

29.	Is this a Multi-staged Manufactured Vehicle and/or a Certified Altered Vehicle?	0
30.	Fire Occurrence	0
31.	Origin of Fire	0
32.	Type of Fuel Tank	1

011
INTRA ERRORS

01********** NO ERRORS **********
001

PSU73 1993 INTERIOR VEHICLE FORM
CASE 123J
VEHICLE 02

INTEGRITY

4. Passenger Compartment 06

Door, Tailgate or Hatch opening

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

Damage/Failure Associated with Door, Tailgate or Hatch Opening in Collision

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

GLAZING

Glazing Damage from Impact Forces

15. WS 2 16. LF 6 17. RF 0 18. LR 0 19. RR 0
20. BL 0 21. Roof 8 22. Other 8

Glazing Damage from Occupant Contact

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

GLAZING (Cont.)

Type of Window/Windshield Glazing

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

Window Precrash Glazing Status

39. WS 1 40. LF 2 41. RF 0 42. LR 0 43. RR 0
44. BL 0 45. Roof 0 46. Other 0

OCCUPANT AREA INTRUSION

Location of Intrusion	Intruding Component	Magnitude of Intrusion	Dominant Crush Direction
47. 21	48. 10	49. 3	50. 3
51. 21	52. 17	53. 3	54. 3
55. 21	56. 24	57. 2	58. 3
59. 21	60. 20	61. 2	62. 3
63. 21	64. 08	65. 2	66. 3
67. 11	68. 10	69. 2	70. 3
71. 13	72. 12	73. 1	74. 1
75. 11	76. 12	77. 1	78. 1
79. 12	80. 12	81. 1	82. 1
83. 21	84. 07	85. 1	86. 3

STEERING COLUMN

87. Steering Column Type 2
88. Blank
89. Blank
90. Blank
91. Blank
92. Steering Rim/Spoke Deform 00
93. Location of Rim/Spoke Deform 00

INSTRUMENT PANEL

94. Odometer Reading 045,000
95. Instrument Panel Damage 0
96. Knee Bolsters Deformed 0
97. Glove Door Open 0

011
INTRA ERRORS

01********** NO ERRORS **********
001

PSU73 1993 OCCUPANT ASSESSMENT FORM
CASE 123J
VEHICLE 02 OCCUPANT 01

OCCUPANT'S CHARACTERISTICS

5. Age 50
6. Sex 2
7. Height 165
8. Weight 059
9. Role 1

OCCUPANT'S SEATING

10. Seat Position 11
11. Posture 0

EJECTION/ENTRAPMENT

12. Ejection 1
13. Ejection Area 2
14. Ejection Medium 4
15. Medium Status 2
16. Entrapment 0

RESTRAINT SYSTEM EVALUATION

17. Belt System Availability	4	18. Belt System Use	00
19. Proper Use of Belt	0	20. Belt Failure Modes During Impact	0
21. Air Bag Availability	1	22. Air Bag Deployment	4
23. Are There Indications of Air Bag System Failure?	1	24. Police Reported Restraint Use	4

HEAD RESTRAINT AND SEAT EVALUATION

25. Head Restraint Type/Damage by Occupant at this Position.	3
26. Seat Type	06
27. Seat Performance	1

CHILD SAFETY SEAT

28. Child/Safety Seat Make/Model	000
29. Type of Child Safety Seat	0
30. Orientation	00
31. Harness	00
32. Shield	00
33. Tether	00

INJURY CONSEQUENCES

34. Severity (Police Rating)	3
35. Treatment - Mortality	1
36. Type of Med. Facility (Initial)	1
37. Hospital Stay	04
38. Working Days Lost	62

CAUSE OF DEATH (Completed by Zone Center)

39. Time to Death
40. Cause #1
41. Cause #2
42. Cause #3
43. Number of Recorded Injuries

AUTOMATIC BELT SYSTEM

44. Automatic (Passive) Belt System Availability/Function	0
45. Automatic (Passive) Belt System Use	0
46. Automatic (Passive) Belt System Type	0
47. Proper Use of Automatic (Passive) Belt System	0
48. Automatic (Passive) Belt System Failure Mode	0
49. Seat Orientation (this Occupant Position)	1

TRAUMA DATA (Completed by Zone Center)

50. Glasgow Coma Scale (GCS) Score
51. Was the Occupant Given Blood?
52. Arterial Blood Gases (ABG) -·HCO3

011
INTRA ERRORS

```
                0HH1281   2  ******** THIS VEHICLE IS INICATED AS HAVING AN AIRBAG
. *****          HH1282      ****** CHECK YOUR DATA AND IF CORRECT, NOTIFY YOUR ZO
NE *******       HH1283      AIR BAG AVAILABILITY/FUNCTION 0A21 equals 1-3.
```

01
INTER ERRORS

```
              0EH0011   2  If TREATMENT 0A35 equals 1, then 1st DEFORMATION EXTEN
T EV11         EH0012      should be greater than 03. GV=02 0A=01

MM0141   2  ******      THIS CASE SHOWS AN AIR BAG NON DEPLOYMENT     ******
MM0142      ******  WITH CONDITIONS OF DOF AND DELTA V WHICH WOULD  ******
MM0143      ******  NORMALLY CAUSE DEPLOYMENT.  CHECK YOUR DATA AND ******
MM0144      ******        IF CORRECT, NOTIFY YOUR ZONE CENTER.       ******
MM0145      AIR BAG DEPLOYMENT 0A22 equals 4 and ((LONGITUDINAL DELTA V GV31
MM0146      equals 99 and 1st DIRECTION OF FORCE EV06 equals (10, 11, 12,
MM0147      01, or 02)(mod 20) and 1st DEFORMATION EXTENT EV11 is greater
MM0148      than 01) or LONGITUDINAL DELTA V GV31 is less than -8). GV=02 0A=01
```

PSU73 ERROR SUMMARY SCREEN [redacted]/93
CASE 123J
CURRENT VERSION: 6.02

FORM NAME	NUMBER OF DOLLAR SIGNS	NUMBER OF LEVEL 1 ERRORS	NUMBER OF LEVEL 2 ERRORS	VERSION NUMBER CONSISTENT
Accident	0	0	0	N
General Vehicle	0	0	1	N
Vehicle Exterior	0	0	0	N
Vehicle Interior	0	0	0	N
Occupant Assesment	0	0	1	N
Occupant Interior	0	0	0	N
Total Inter Errors		0	2	
Total Case Errors	0	0	4	

ZONE 3 [redacted]-97

73123J00000011[redacted]936.020000000000021400000000[redacted]93[redacted]93[redacted]93[redacted]93020020000
001730000034635
73123J00010012[redacted]936.021000000000102F0202L
73123J00020012[redacted]936.021000000000202L50000
73123J00030012[redacted]936.021000000000202T3100N
73123J01000021 6.02 000000000842001606 1G1AD35P6E[redacted]19990960480388102021
120000000003452706999 999 9999999010
73123J01000022 6.02 00000000000000000000000000000[redacted]10000000016621
73123J01000031 6.02 000000000010202FZEW01 150000001003005008012+
022 012570001
73123J01000041 6.02 000000000001111100002000008000000000100000010000000
73123J01000042 6.02 000000000
1 0000159080
73123J01010051 6.02 000000000162163054111000000404110004101100000000000000141
009700000000030000115101
73123J01010161 6.02 000000000389040211102100
73123J01010261 6.02 000000000759040211412100
73123J01010361 6.02 000000000389040212092100
73123J01020051 6.02 000000000161178093213000000404110001101100000000000000000
009700000000010000101101
73123J01020161 6.02 000000000745020213412100
73123J02000021 6.02 000000000920601604 3C3XA46K4NT[redacted]19990960800189101011
350000002002703456999 999 9999999021
73123J02000022 6.02 00000000000000000000000000000[redacted]10543181011700
73123J02000031 6.02 000000000010111LPEW02033100TYD003
012630001
73123J02000041 6.02 000000000063131000000260000880000000012000000012000000
73123J02000042 6.02 000000000211033211733212423212023210823111023131211111 2
111212112107132 0000045000
73123J02010051 6.02 000000000502165059111012420400001414306100000000000031 1
046234990000130000115201
73123J02010161 6.02 000000000389020212843100
73123J02010261 6.02 000000000389060211843100
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73123J99999999900000000000000000000000000000000000010000000000000000000000000010000
000020000000002

OCCUPANT INJURY Vehicle: 1 Occupant: 1

INTRA ERRORS

```
TT0541  2  ******  THIS CASE SHOWS A RESTRAINT AS THE INJURY SOURCE  ******
TT0542     ******          FOR AN AIS-2 (OR GREATER) INJURY.          ******
TT0543     ****** CHECK FOR ACCURATE AND COMPLETED DOCUMENTS & DATA  ******
TT0544     INJURY SOURCE OI12(n) equals 41, 42, 43 or 45 and A.I.S.
TT0545     SEVERITY OI10(n) is greater than 1.
```

OCCUPANT INJURY Vehicle: 1 Occupant: 2

INTRA ERRORS

```
TT0541  2  ******  THIS CASE SHOWS A RESTRAINT AS THE INJURY SOURCE  ******
TT0542     ******          FOR AN AIS-2 (OR GREATER) INJURY.          ******
TT0543     ****** CHECK FOR ACCURATE AND COMPLETED DOCUMENTS & DATA  ******
TT0544     INJURY SOURCE OI12(n) equals 41, 42, 43 or 45 and A.I.S.
TT0545     SEVERITY OI10(n) is greater than 1.
```

GENERAL VEHICLE Vehicle: 2

INTRA ERRORS

```
GG0421  2  If ROLLOVER GV24 equals 1-9, then BASIS FOR DELTA V GV29 should
GG0422     equal 4 or 5.
```

OCCUPANT ASSESSMENT Vehicle: 2 Occupant: 1

INTRA ERRORS

```
HH1281  2  ******** THIS VEHICLE IS INICATED AS HAVING AN AIRBAG. *****
HH1282     ****** CHECK YOUR DATA AND IF CORRECT, NOTIFY YOUR ZONE *******
HH1283     AIR BAG AVAILABILITY/FUNCTION OA21 equals 1-3.
```

INTER ERRORS

```
EH0011  2  If TREATMENT OA35 equals 1, then 1st DEFORMATION EXTENT EV11
EH0012     should be greater than 03. GV=02 OA=01

MM0141  2  ******      THIS CASE SHOWS AN AIR BAG NON DEPLOYMENT     ******
MM0142     ******  WITH CONDITIONS OF DOF AND DELTA V WHICH WOULD  ******
MM0143     ******  NORMALLY CAUSE DEPLOYMENT.  CHECK YOUR DATA AND ******
MM0144     ******        IF CORRECT, NOTIFY YOUR ZONE CENTER.       ******
MM0145     AIR BAG DEPLOYMENT OA22 equals 4 and ((LONGITUDINAL DELTA V GV31
MM0146     equals 99 and 1st DIRECTION OF FORCE EV06 equals (10, 11, 12,
MM0147     01, or 02)(mod 20) and 1st DEFORMATION EXTENT EV11 is greater
MM0148     than 01) or LONGITUDINAL DELTA V GV31 is less than -8). GV=02 OA=01
```

PSU73 ERROR SUMMARY SCREEN [redacted]/93
CASE 123J
CURRENT VERSION: 6.02

FORM NAME	NUMBER OF DOLLAR SIGNS	LEVEL 1 ERRORS	LEVEL 2 ERRORS	NUMBER CONSISTENT
Accident	0	0	0	Y
General Vehicle	0	0	1	Y
Vehicle Exterior	0	0	0	Y
Vehicle Interior	0	0	0	Y
Occupant Assesment	0	0	1	Y
Occupant Interior	0	0	2	Y
Total Inter Errors		0	2	
Total Case Errors	0	0	6	

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

SLIDE INDEX

NATIONAL ACCIDENT SAMPLING SYSTEM
CRASHWORTHINESS DATA SYSTEM

Primary Sampling Unit Number 73 Case Number—Stratum 1 2 3 J

Slide No.	Vehicle No.	Direction of Picture	Description of Slide Subject Matter
1-4	1	N	APPROACH TO IMPACT V_1
5	1	S	look back SHOTS V_1
6-9	2	W	APPROACH TO impact w/ V_1 for V_2
10-11	2	W	from impact to impact w/ pole
12	2	W	Veh #2 Rolls into ditch
13	2	–	debris, V_2
14-15	2	E	look back SHOTS V_2
16-28	1	EXT	EXTERIOR SHOTS V_1
29-45	1	INT	INTERIORS SHOTS V_1
46-~~88~~ 60	2	EXT	EXTERIOR SHOTS V_2
61-82	2	INT	INTERIOR SHOTS V_2
78	"	"	intrusion SEAT BACK
79	"	"	intrusion SEAT CUSHION
80	"	"	intrusion DOOR
81	"	"	intrusion SILL
82	"	"	intrusion Roof
~~83-85~~			~~V_{in} V_1, LP V_1, V_{in} V_2~~ REMOVED for SANITIZATION ~~NEW DEVICE~~

HS Form 434B (1/93)

Slide No.	Vehicle No.	Direction of Picture	Description of Slide Subject Matter

PSU 73-123J (1993) #1

PSU 73-123J (1993) #2

PSU 73-123J (1993) #3

PSU 73-123J (1993) #4

PSU 73-123J (1993) #5
Best Available

PSU 73-123J (1993) #6
Best Available

PSU 73-123J (1993) #7
Best Available

PSU 73-123J (1993) #8
Best Available

PSU 73-123J (1993) #9

PSU 73-123J (1993) #10

PSU 73-123J (1993) #11

PSU 73-123J (1993) #12

PSU 73-123J (1993) #13

PSU 73-123J (1993) #14

PSU 73-123J (1993) #15

PSU 73-123J (1993) #16

PSU 73-123J (1993) #17

PSU 73-123J (1993) #18

PSU 73-123J (1993) #19

PSU 73-123J (1993) #20

PSU 73-123J (1993) #21

PSU 73-123J (1993) #22

PSU 73-123J (1993) #23

PSU 73-123J (1993) #24

PSU 73-123J (1993) #25

PSU 73-123J (1993) #26

PSU 73-123J (1993) #27

PSU 73-123J (1993) #28

PSU 73-123J (1993) #29

PSU 73-123J (1993) #30

PSU 73-123J (1993) #31

PSU 73-123J (1993) #32
Best Available

PSU 73-123J (1993) #33

PSU 73-123J (1993) #34

PSU 73-123J (1993) #35

PSU 73-123J (1993) #36

PSU 73-123J (1993) #37

PSU 73-123J (1993) #38

PSU 73-123J (1993) #39

PSU 73-123J (1993) #40

PSU 73-123J (1993) #41

PSU 73-123J (1993) #42

PSU 73-123J (1993) #43

PSU 73-123J (1993) #44

PSU 73-123J (1993) #45

PSU 73-123J (1993) #46

PSU 73-123J (1993) #47

PSU 73-123J (1993) #48

PSU 73-123J (1993) #49

PSU 73-123J (1993) #50

PSU 73-123J (1993) #51

PSU 73-123J (1993) #52

PSU 73-123J (1993) #53

PSU 73-123J (1993) #54

PSU 73-123J (1993) #55

PSU 73-123J (1993) #56

PSU 73-123J (1993) #57

PSU 73-123J (1993) #58

PSU 73-123J (1993) #59

PSU 73-123J (1993) #60

PSU 73-123J (1993) #61

PSU 73-123J (1993) #62

PSU 73-123J (1993) #63

PSU 73-123J (1993) #64

PSU 73-123J (1993) #65

PSU 73-123J (1993) #66

PSU 73-123J (1993) #67

PSU 73-123J (1993) #68

PSU 73-123J (1993) #69

PSU 73-123J (1993) #70

PSU 73-123J (1993) #71

PSU 73-123J (1993) #72

PSU 73-123J (1993) #73

PSU 73-123J (1993) #74

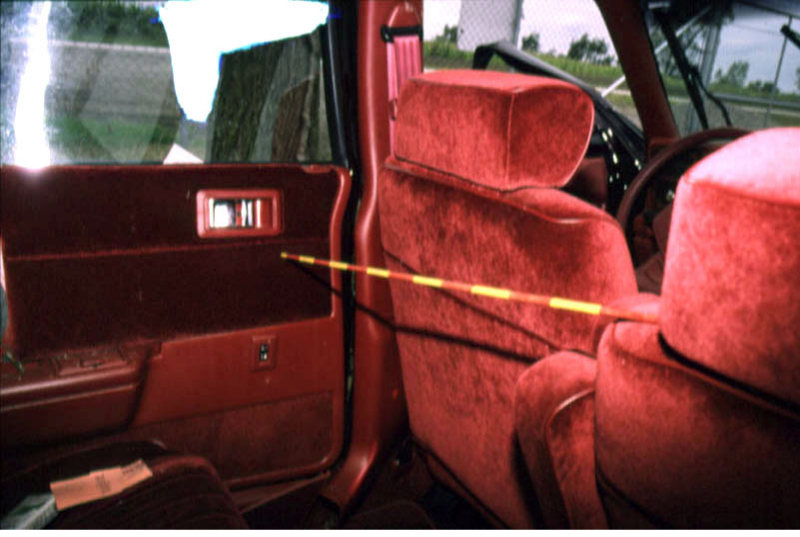
PSU 73-123J (1993) #75

PSU 73-123J (1993) #76

PSU 73-123J (1993) #77

PSU 73-123J (1993) #78

PSU 73-123J (1993) #79



PSU 73-123J (1993) #80

PSU 73-123J (1993) #81

PSU 73-123J (1993) #82