



U.S. Department  
of Transportation

**National Highway  
Traffic Safety  
Administration**

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

Dear Crash Data Researchers/Users:

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

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

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

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

**PEDESTRIAN CASE SUMMARY**

PSU 40

CASE NO. 639P  
CS

TYPE OF ACCIDENT CAR/PEDESTRIAN CROSSING ROAD STRAIGHT

**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. Pedestrian injury mechanism and vehicle interaction is the focus, not pedestrian or driver culpability. Do not include any personal identifiers.)

VEHICLE #1 WAS TRAVELING NORTH IN THE SECOND LANE WHEN PEDESTRIAN RAN OUT INTO THE ROAD FROM IN FRONT OF A STOPPED BUS AND WAS STRUCK BY THE RIGHT FRONT OF VEHICLE #1. PED WAS STRUCK WITH THE BUMPER, SLID UP ONTO THE HOOD AND CRASHED INTO THE WINDSHIELD AND DUMPED OFF OF THE VEHICLE TO THE RIGHT SIDE. PED WAS TRANSPORTED TO HOSPITAL AND PRONOUNCED DEAD.

**B. PEDESTRIAN PROFILE**

Pedestrian No.	Age	Sex	Treatment/Mortality	Most Severe Injury (TO BE COMPLETED BY ZONE CENTER)			
				Body Region	Ana. Struc.	AIS	Injury Source
01	15	1	FATAL	Brain Stem	herniation	5	Windshield

Body Region	Type of Anatomic Structure	Abbreviated Injury Scale
Head	Whole Area	(1) Minor injury
Face	Vessels	(2) Moderate injury
Throat	Nerves	(3) Serious injury
Chest	Organs	(4) Severe injury
Abdomen/Pelvis	Skeletal	(5) Critical injury
Spine	Head-LOC	(6) Maximum (untreatable)
Upper Extremity	Skin-Burn	(7) Injured, unknown severity
Lower Extremity	Skin-Other	
External		

**C. VEHICLE PROFILE**

Vehicle No.	Class of Vehicle	Year/Make/Model	Most Severe Damage Based on Vehicle Inspection	
			Damage Plane	Damage Description
01	SUBCOMPACT	89 PLYMOUTH SUNLARK	FRONT	MODERATE

**DO NOT SANITIZE THIS FORM**

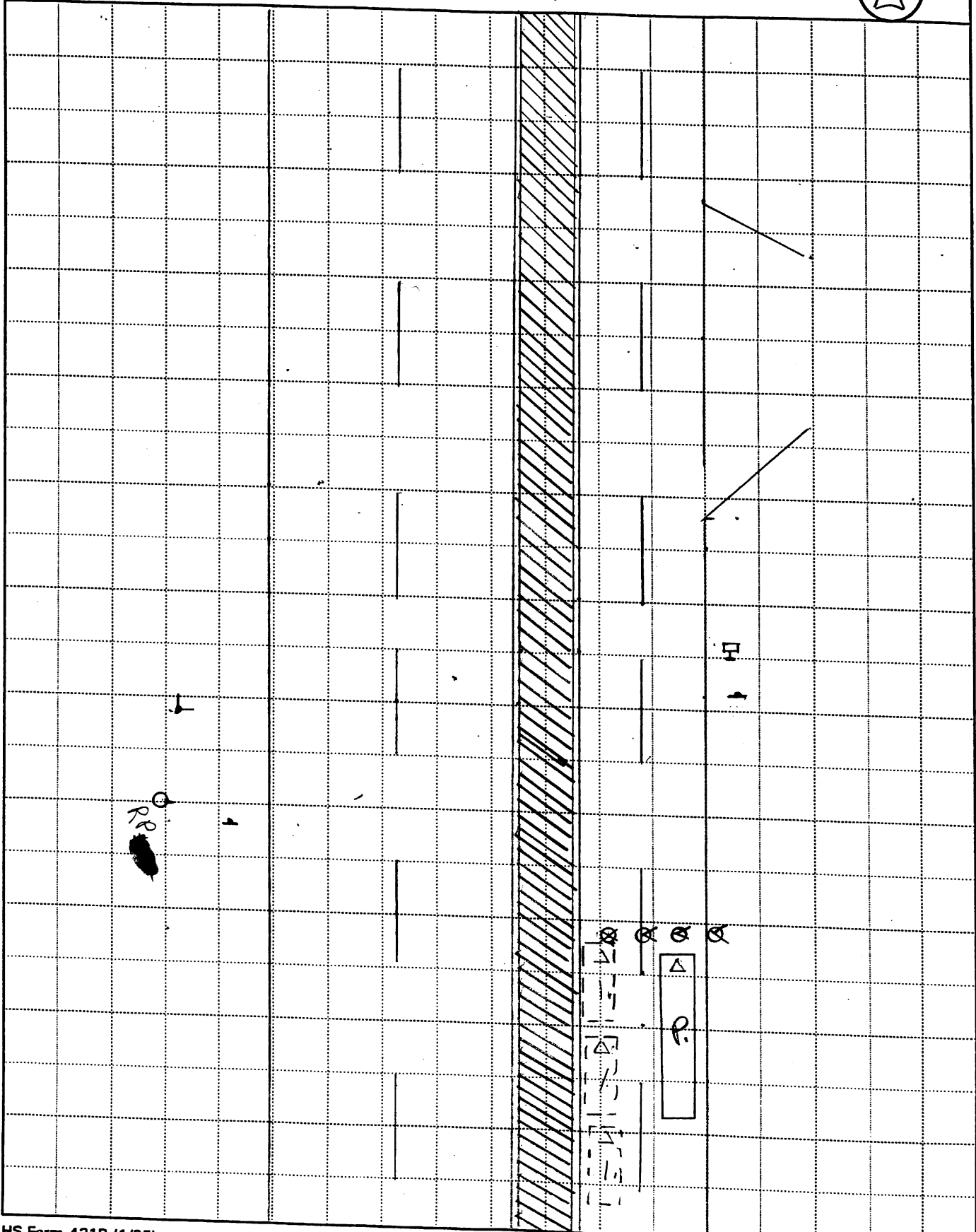
# ACCIDENT COLLISION DIAGRAM

NATIONAL ACCIDENT SAMPLING SYSTEM  
CRASHWORTHINESS DATA SYSTEM

PSU No. 40

Case Number—Stratum 639P

Indicate  
North



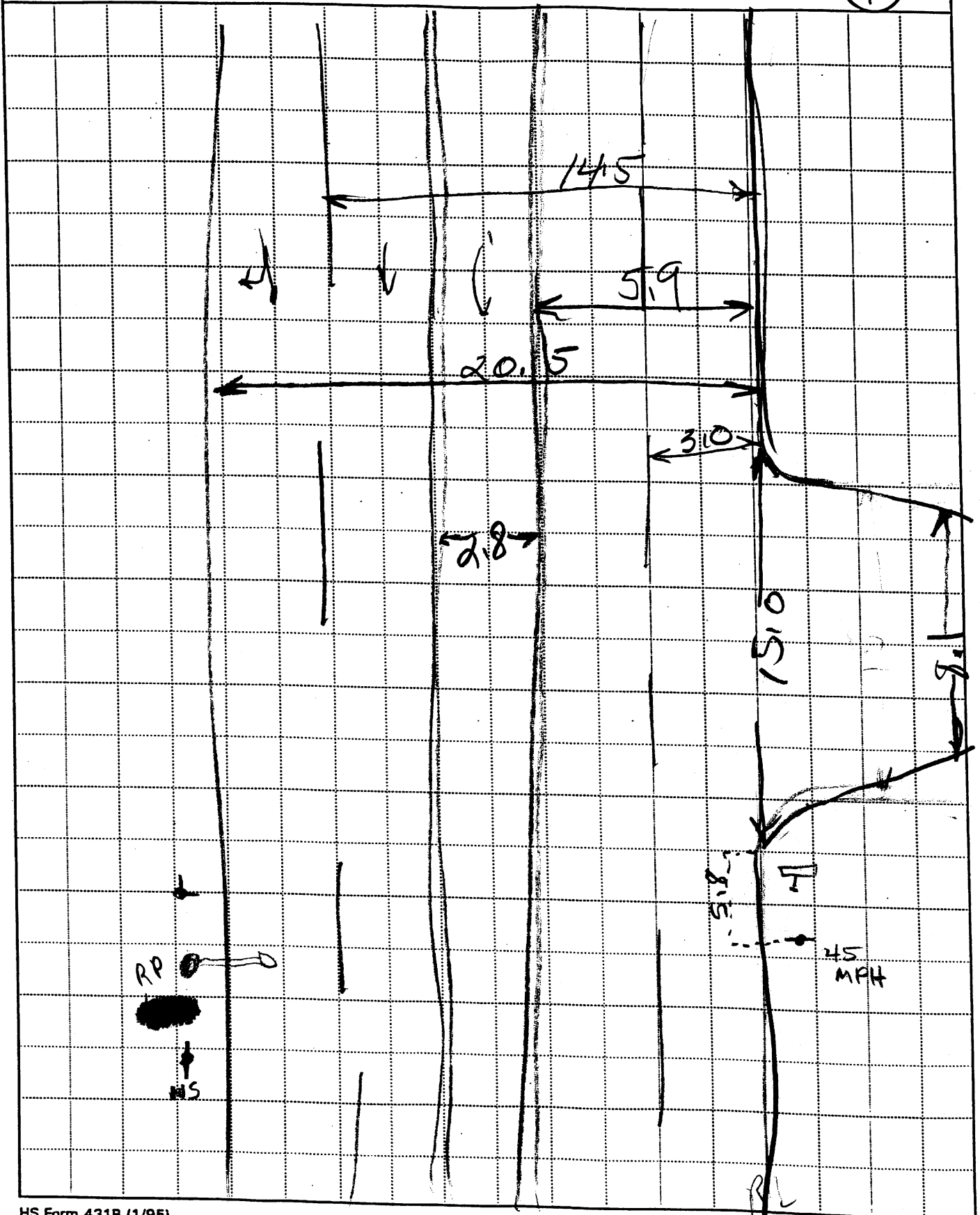
# ACCIDENT COLLISION DIAGRAM

39

PSU No. 40

Case Number—Stratum 6 CSP

Indicate  
North



Done [redacted] 1/98

60





# PEDESTRIAN ACCIDENT COLLISION MEASUREMENT TABLE

Primary Sampling Unit Number 40

Case Number-Stratum 6 39 P  
25

PEDESTRIAN ACCIDENT COLLISION DATA COLLECTION		SCALED DIAGRAM
* document reference point and reference line relative to physical features	Surface Type _____	* north arrow placed on diagram
* documentation of all accident induced physical evidence including (if applicable):	Surface Condition _____	* grade measurements for all applicable roadways
a) vehicle skid marks	Coefficient of Friction _____	* scaled representations of the physical plant including:
b) pedestrian contacts with ground or object	Grade (v/h) Measurement	a) all road/roadway delineation (e.g., crosswalks, curb/edge lines, lane markings, medians, pavement markings, parked vehicles, poles, signs, etc.)
c) vehicle/pedestrian point of impact (POI)	a) at impact _____	b) all traffic controls (e.g., lights, signs)
d) location of pedestrian separation point from vehicle	b) between impact and final rest _____	* scaled representations of the vehicle and pedestrian at pre-impact, impact, and final rest based upon either:
f) final resting points (FRP) for pedestrian and vehicle	Pedestrian Travel Direction _____	a) physical evidence, or
* documentation of the physical plant including:	Vehicle Travel Direction _____	b) reconstructed accident dynamics
a) all road/roadway delineation (e.g., crosswalks, curb/edge lines, lane markings, medians, pavement markings, parked vehicles, poles, signs, etc.)	Number of Travel Lanes _____	
b) all traffic controls (e.g., lights, signs)		

Reference Point: POLE # [REDACTED]

Reference Line: EAST CURBLINE

Item	Distance and Direction from Reference Point	Distance and Direction from Reference Line
RP	0.0	25.3W
WATER HYDRANT	4.4N	24.7W
NO STANDING SIGN	0.8S	22.3W
POI	6.0S	4.5W
SPEED LIMIT SIGN	5.8N	1.5E
MAIL BOX	8.2N	0.8E



# PEDESTRIAN ACCIDENT FORM

1. Primary Sampling Unit Number 40  
 2. Case Number - Stratum 6-39-P  
25

## SPECIAL STUDIES - INDICATORS

Check (✓) each special study (SS15-SS19 below) that has been completed; code 1 for the checked special studies and 0 for the special studies not checked.

6.  SS15 Administrative Use 0  
 7.  SS16 Pedestrian Crash Data Study 1  
 8.  SS17 Impact Fires 0  
 9.  SS18 \_\_\_\_\_ 0  
 10.  SS19 \_\_\_\_\_ 0

## IDENTIFICATION

3. Number of General Vehicle Forms Submitted 0 1  
 4. Date of Accident (Month,Day,Year)      /      / 97  
 5. Time of Accident 1 8 1 8  
 Code reported military time of accident.  
 NOTE: Midnight = 2400  
 Unknown = 9999

## NUMBER OF EVENTS

11. Number of Recorded Events in This Accident 0 1

## PEDESTRIAN STUDY CRITERIA

**Pedestrian Definition:**  
 Any person who is on a trafficway or on a sidewalk or path contiguous with a trafficway, or on private property (e.g., parking lot). Note: Pedestrians include persons who are in contact with the ground, roadway, etc. and are pushing carts, wagons, etc. or holding on to a vehicle.  
 Persons in or on a nonmotorist conveyance are not pedestrians and are excluded from this study. A nonmotorist conveyance is defined as any human powered device by which a nonmotorist may move, or by which a pedestrian or nonmotorist may move another nonmotorist. A nonmotorist conveyance for purposes of this study includes the following: bicycles, baby carriages, roller skates/blades, push carts, scooters, wheelchairs, animals, etc. For example, persons on a bicycle/scooter, roller skating/blading, in a baby carriage/push cart/wheelchair or on a horse are excluded.  
**Case Selection Criteria:**  
 A forward moving, late model year (VEH04 equals 90 to 95) CDS applicable vehicle (VEH07 equals 01 to 49) must strike a pedestrian.  
 The striking portion of the vehicle structure must be original equipment manufacturer (OEM) without previous damage and or parts removed in the impact area. For example, vehicles equipped with deer guards, winches, snow plows, etc. or previously damaged in the impact area are excluded.  
 The pedestrian may not be lying or sitting.  
 The pedestrian impact(s) are the vehicle's only impact(s). If multiple pedestrians are impacted, each pedestrian shall be a separate case.  
 The first point of contact between the late model year, CDS applicable vehicle and the pedestrian must be forward of the top of the A pillar.

## PEDESTRIAN ACCIDENT EVENTS

Accident Event Sequence Number	Vehicle Number	Class Of Vehicle	General Area of Damage	Vehicle Number or Object Contacted	Class Of Vehicle	General Area of Damage
12. <u>0 1</u>	13. <u>0 1</u>	14. <u>0 1</u>	15. <u>F</u>	16. <u>7 2</u>	17. <u>0 0</u>	18. <u>0</u>

**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

**CODES FOR GENERAL AREA  
OF DAMAGE (GAD)****CDS APPLICABLE  
VEHICLES**

- (F) Front
- (R) Right side
- (L) Left side
- (U) Undercarriage
- (9) Unknown

**CODES FOR VEHICLE NUMBER OR OBJECT CONTACTED**

Collision with Nonfixed Object

- (72) Pedestrian



**PEDESTRIAN'S AVOIDANCE ACTIONS****15. Pedestrian's First Avoidance Actions**

- 00 No avoidance actions  
 01 Stopped  
 02 Accelerated pace  
 03 Ran away (along vehicle path)  
 04 Jumped  
 05 Turned toward vehicle  
 06 Turned away from vehicle  
 07 Dove or fell away

00  
99

Used hand(s) to :

- 11 Vault corner of vehicle  
 12 Vault onto vehicle  
 13 Brace against vehicle  
 14 Crouched and braced hands against vehicle  
 98 Other (specify): \_\_\_\_\_  
 99 Unknown

**PEDESTRIAN'S ORIENTATION AT IMPACT****16. Pedestrian's Head Orientation at Initial Impact**

- 1 To front  
 2 To left  
 3 To right  
 4 Up  
 5 Down  
 8 Other (specify): \_\_\_\_\_  
 9 Unknown

7

**17. Pedestrian's Body (Chest) Orientation at Initial Impact**

- 1 Facing vehicle  
 2 Facing away  
 3 Left side to vehicle  
 4 Right side to vehicle  
 8 Other (specify): \_\_\_\_\_  
 9 Unknown

3

**18. Pedestrian's Arm Orientation at Initial Impact**

- 01 At sides  
 02 Folded across chest  
 03 Hands clasped behind back  
 04 Hands on hips  
 05 Hands in pockets

99

One or both arms:

- 06 Extended upward  
 07 Extended to side  
 08 Extended forward bracing  
 09 Extended, holding object (briefcase, suitcase, etc.)  
 10 Holding object (young child, grocery bag, etc.) in arm(s)  
 11 Holding object (young child, grocery bag, etc.) on shoulder(s) or head  
 98 Other (specify): \_\_\_\_\_  
 99 Unknown

**19. Pedestrian's Leg Orientation at Initial Impact**

- 01 Together  
 02 Apart-laterally  
 03 Apart-right leg forward  
 04 Apart-left leg forward  
 05 Apart- forward leg unknown  
 06 Left foot off the ground  
 07 Right foot off the ground  
 08 Both feet off the ground  
 98 Other (specify): \_\_\_\_\_  
 99 Unknown

99

**20. Vehicle/Pedestrian's Interaction**

- 01 Carried by vehicle, wrapped position  
 02 Carried by vehicle, slid to windshield  
 03 Carried by vehicle, position unknown  
 04 Passed over vehicle top  
 05 Thrown straight forward  
 06 Thrown forward and left of vehicle  
 07 Thrown forward and right of vehicle  
 08 Knocked to pavement, forward  
 09 Knocked to pavement, left of vehicle  
 10 Knocked to pavement, right of vehicle  
 11 Knocked to pavement, run over or dragged by vehicle  
 12 Shunted to left (corner impacts only)  
 13 Shunted to right (corner impacts only)  
 14 Bumped or pushed aside  
 15 Snagged, rotated  
 16 Snagged, dragged by vehicle  
 17 Foot or legs run over  
 98 Other (specify): \_\_\_\_\_  
 99 Unknown

02

## OFFICIAL RECORDS

## INJURY CONSEQUENCES

21. Police Reported Alcohol Presence  
For Pedestrian

- (0) No alcohol present  
(1) Yes alcohol present  
(7) Not reported  
(9) Unknown

7

22. Alcohol Test Result For Pedestrian  
Code actual value (decimal implied  
before first digit—0.xx)

- (95) Test refused  
(96) None given  
(97) AC (Alcohol Content)  
test performed, results unknown  
(99) Unknown if test given

00

Source: medical autopsy

23. Police Reported Other Drug Presence  
For Pedestrian

- (0) No other drug(s) present  
(1) Yes other drug(s) present  
(7) Not reported  
(9) Unknown

0

24. Other Drug Specimen Test Result  
For Pedestrian

- (0) No specimen test given  
(1) Drug not found in specimen  
(2) Drug found in specimen,  
(specify): \_\_\_\_\_  
(3) Specimen test given,  
results unknown or not obtained  
(9) Unknown

1

25. Injury Severity (Police Rating)

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

4

26. Treatment - Mortality

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

1

*Nonfatal*

- (3) Hospitalization  
(4) Transported and released  
(5) Treatment at scene - non-transported  
(6) Treatment later  
(8) Treatment - other (specify):  
\_\_\_\_\_  
(9) Unknown

27. Type Of Medical Facility  
(for Initial Treatment)

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

0

28. Hospital Stay

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

00

29. Working Days Lost

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

62

STOP - VARIABLES 30 THROUGH 37 ARE COMPLETED BY THE ZONE CENTER

30. Glasgow Coma Scale (GCS) Score 97  
 (at Medical Facility) 01  
 (00) Not injured  
 (01) Injured - not treated at medical facility  
 (02) No GCS Score at medical facility  
 (03-15) Code the actual value of the initial GCS Score recorded at medical facility.  
 (97) Injured, details unknown  
 (99) Unknown if injured
31. Was the Pedestrian Given Blood? 9  
 (1) No - blood not given 1  
 (2) Yes - blood given  
 (specify units): \_\_\_\_\_  
 (9) Unknown if blood given
32. Arterial Blood Gases (ABG) - HCO<sub>3</sub> 97  
 (00) Not injured 01  
 (01) Injured, ABGs not measured or reported  
 (02-50) Code the actual value of the HCO<sub>3</sub>  
 (96) ABGs reported, HCO<sub>3</sub> unknown  
 (97) Injured, details unknown  
 (99) Unknown if injured

33. Time to Death 01  
 \_\_\_\_\_ Code number of hours from time of accident to time of death up through 24 hours. If time of death is greater than 24 hours, code number of days. (Note: 1 day = 31, 2 days = 32, ... n days = 30 + n up through 30 days = 60)  
 (00) Not fatal  
 (96) Fatal - ruled disease  
 (99) Unknown

34. 1st Medically Reported Cause of Death 15
35. 2nd Medically Reported Cause of Death 12
36. 3rd Medically Reported Cause of Death 18  
 \_\_\_\_\_ Code the Pedestrian Injury from line number(s) for the medically reported injury(s) which reportedly contributed to this pedestrian's death  
 (00) Not fatal or no additional causes  
 (96) Mode of death given but specific injuries are not linked to cause of death. (specify): \_\_\_\_\_  
 (97) Other result (includes fatal ruled disease) (specify): \_\_\_\_\_  
 (99) Unknown
37. Number of Recorded Injuries for This Pedestrian 18  
 \_\_\_\_\_ Code the actual number of injuries recorded for this pedestrian.  
 (00) No recorded injuries  
 (97) Injured, details unknown  
 (99) Unknown if injured

ARE ALL APPLICABLE MEDICAL RECORDS INCLUDED WITH INITIAL SUBMISSION?

NO [ ] YES

UPDATE CANDIDATE? NO  YES [ ]



# PEDESTRIAN INJURY FORM

1. Primary Sampling Unit Number 40

3. Pedestrian Number 01

2. Case Number - Stratum 639P

4. Blank XX

## INJURY DATA

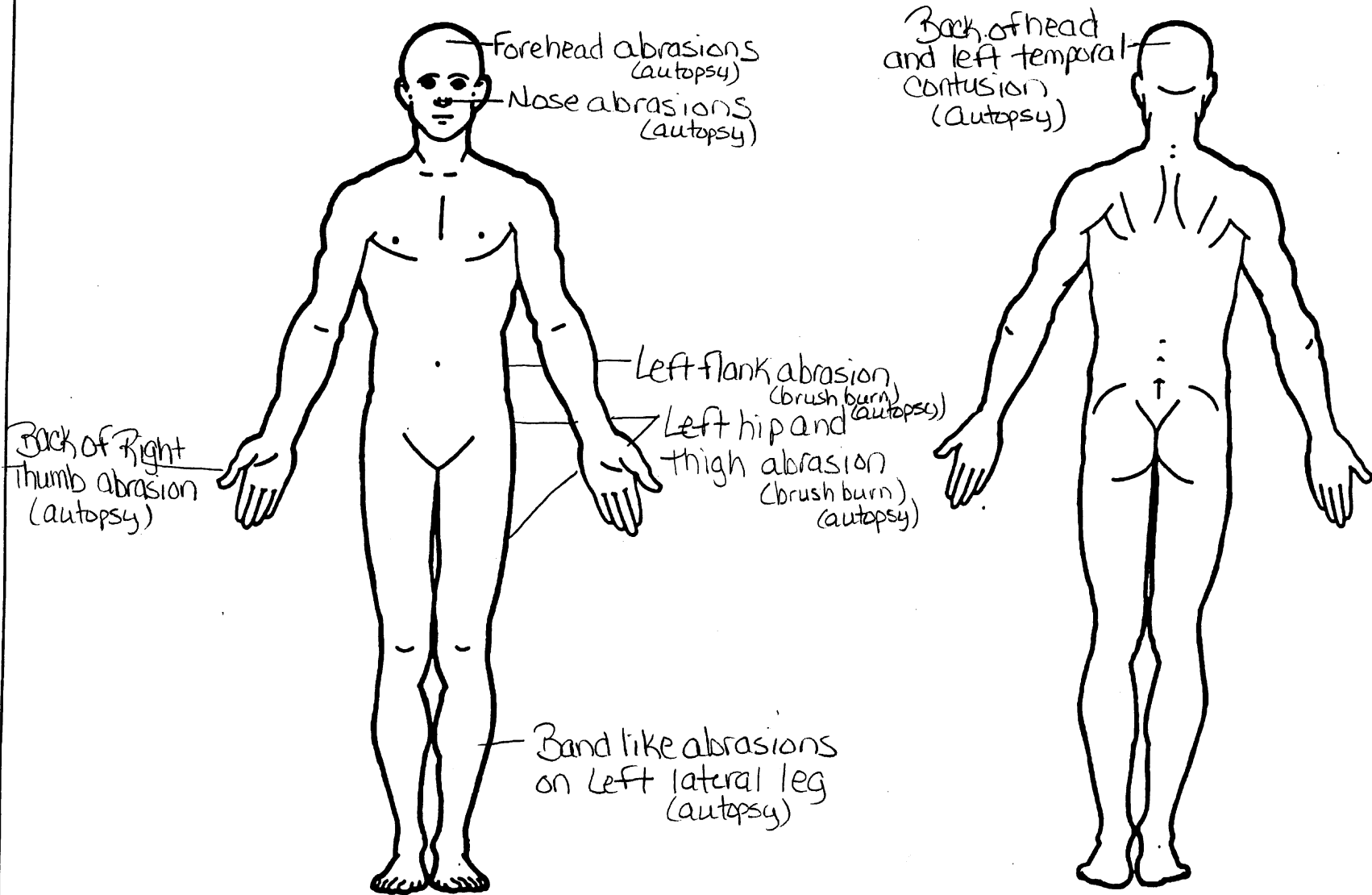
Record below the actual injuries sustained by this pedestrian in CHRONOLOGICAL order that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than twenty-five injuries have been documented, encode the balance on the Pedestrian Injury Supplement.

Source of Injury Data	Body Region	Type of Anatomic Structure	AIS-90				Injury Source	Injury Confidence Level	Direct/Indirect Injury	Striking Profile	Type Of Damage	Damage Depth	
			Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect							
Forehead abrasions	1st 5. <u>1</u>	6. <u>2</u>	7. <u>9</u>	8. <u>02</u>	9. <u>02</u>	10. <u>1</u>	11. <u>7</u>	12. <u>775</u>	13. <u>1</u>	14. <u>1</u>	15. <u>2</u>	16. <u>5</u>	17. <u>2</u>
Nose abrasions	2nd 18. <u>1</u>	19. <u>2</u>	20. <u>9</u>	21. <u>02</u>	22. <u>02</u>	23. <u>1</u>	24. <u>4</u>	25. <u>775</u>	26. <u>1</u>	27. <u>1</u>	28. <u>2</u>	29. <u>5</u>	30. <u>5</u>
Nose fx	3rd 31. <u>1</u>	32. <u>2</u>	33. <u>5</u>	34. <u>10</u>	35. <u>02</u>	36. <u>1</u>	37. <u>4</u>	38. <u>775</u>	39. <u>1</u>	40. <u>1</u>	41. <u>2</u>	42. <u>5</u>	43. <u>5</u>
Left humerus fx	4th 44. <u>1</u>	45. <u>7</u>	46. <u>5</u>	47. <u>26</u>	48. <u>02</u>	49. <u>2</u>	50. <u>2</u>	51. <u>774</u>	52. <u>1</u>	53. <u>1</u>	54. <u>1</u>	55. <u>5</u>	56. <u>2</u>
Right thumb abrasion	5th 57. <u>1</u>	58. <u>7</u>	59. <u>9</u>	60. <u>02</u>	61. <u>02</u>	62. <u>1</u>	63. <u>1</u>	64. <u>770</u>	65. <u>1</u>	66. <u>1</u>	67. <u>2</u>	68. <u>3</u>	69. <u>3</u>
Left flank abrasion	6th 70. <u>1</u>	71. <u>5</u>	72. <u>9</u>	73. <u>02</u>	74. <u>02</u>	75. <u>1</u>	76. <u>2</u>	77. <u>740</u>	78. <u>1</u>	79. <u>1</u>	80. <u>2</u>	81. <u>3</u>	82. <u>3</u>
Left hip thigh abrasion	7th 83. <u>1</u>	84. <u>8</u>	85. <u>9</u>	86. <u>02</u>	87. <u>02</u>	88. <u>1</u>	89. <u>2</u>	90. <u>740</u>	91. <u>1</u>	92. <u>1</u>	93. <u>2</u>	94. <u>3</u>	95. <u>3</u>
Left patella fx	8th 96. <u>1</u>	97. <u>8</u>	98. <u>5</u>	99. <u>24</u>	100. <u>00</u>	101. <u>2</u>	102. <u>2</u>	103. <u>700</u>	104. <u>7</u>	105. <u>1</u>	106. <u>1</u>	107. <u>2</u>	108. <u>2</u>
Left tibia fx	9th 109. <u>1</u>	110. <u>8</u>	111. <u>5</u>	112. <u>34</u>	113. <u>20</u>	114. <u>2</u>	115. <u>2</u>	116. <u>700</u>	117. <u>1</u>	118. <u>1</u>	119. <u>1</u>	120. <u>2</u>	121. <u>2</u>
Left leg abrasion	10th 122. <u>1</u>	123. <u>8</u>	124. <u>9</u>	125. <u>02</u>	126. <u>02</u>	127. <u>1</u>	128. <u>2</u>	129. <u>706</u>	130. <u>1</u>	131. <u>1</u>	132. <u>1</u>	133. <u>2</u>	134. <u>2</u>



# 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 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

**STRIKING PROFILE**

- (0) Injury not from vehicle contact
- (1) Flat-Narrow (< 15 centimeters)
- (2) Flat-Wide (≥ 15 centimeters)
- (3) Rounded (contoured)
- (4) Rounded edge
- (5) Sharp edge
- (8) Other (specify): \_\_\_\_\_
- (9) Unknown

**TYPE OF DAMAGE**

- (0) Injury not from vehicle contact
- (1) No damage/contact
- (2) Scratch (Scuff, Cloth Transfer, Smear)
- (3) Dent
- (4) Large deformation
- (5) Cracked, fractured, shattered
- (6) Separated from vehicle
- (7) Noncontact injury
- (8) Other specify: \_\_\_\_\_
- (9) Unknown

**DAMAGE DEPTH**

- (0) Injury not from vehicle contact
- (1) No residual damage
- (2) Surface only damage
- (3) Crush depth > 0 to 2 centimeters
- (4) Crush depth > 2 to 5 centimeters
- (5) Crush depth > 5 to 10 centimeters
- (8) Other specify: \_\_\_\_\_
- (9) Unknown

BEST AVAILABLE

**PEDESTRIAN INJURY CLASSIFICATION****Body Region**

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

**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

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

**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

Head - LOC

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

**Aspect**

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

**INJURY SOURCE**FRONT

- 700 Front bumper
- 701 Front lower valance/spoiler
- 702 Front grille
- 703 Hood edge and/or trim
- 704 Hood ornament (fixed)
- 705 Hood ornament (spring loaded)
- 706 Headlight
- 707 Retractable headlight door (Open/Closed)
- 708 Turn signal/parking lights
- 718 Other front or add on object (specify): \_\_\_\_\_
- 719 Unknown front object

Left Side Components

- 720 Front fender side surface
- 721 Front antenna
- 722 A1 pillar
- 723 A2 pillar
- 724 B pillar
- 725 C pillar
- 726 D pillar
- 728 Other pillar (specify): \_\_\_\_\_
- 729 Left side roof rail
- 730 Left side door surface
- 731 Left side door handle
- 732 Left side mirror fixed housing
- 733 Left side folding mirror
- 734 Left side glazing forward of B pillar
- 735 Left side glazing rearward of B pillar
- 736 Left side back fender or quarter panel
- 737 Rear antenna
- 738 Other left side object (specify): \_\_\_\_\_
- 739 Unknown left side component

Right Side Components

- 740 Front fender side surface
- 741 Front antenna
- 742 A1 pillar
- 743 A2 pillar

- 744 B pillar
- 745 C pillar
- 746 D pillar
- 748 Other pillar (specify): \_\_\_\_\_
- 749 Right side roof rail
- 750 Right side door surface
- 751 Right side door handle
- 752 Right side mirror fixed housing
- 753 Right side folding mirror
- 754 Right side glazing forward of B pillar
- 755 Right side glazing rearward of B pillar
- 756 Rear antenna
- 757 Rear fender or quarter panel
- 758 Other right side object (specify): \_\_\_\_\_
- 759 Unknown right side component

Back Components

- 760 Rear (back) bumper
- 761 Tailgate
- 762 Hatchback, vertical surface
- 768 Other back component (specify): \_\_\_\_\_
- 769 Unknown back component

Top Components

- 770 Hood surface
- 771 Hood surface reinforced by under hood component
- 772 Front fender top surface
- 773 Cowl area
- 774 Wiper blade & mountings
- 775 Windshield glazing
- 776 Front header
- 777 Roof surface
- 778 Backlight glazing
- 779 Rear header
- 780 Hatchback
- 781 Rear trunk lid
- 788 Other top component (specify): \_\_\_\_\_
- 789 Unknown top component

Wheels / tires

- 790 Left front wheel / tire
- 791 Right front wheel / tire
- 792 Left rear wheel / tire
- 793 Right rear wheel / tire
- 798 Other wheel / tire (specify): \_\_\_\_\_
- 799 Unknown wheel / tire

Undercarriage components

- 800 Front crossmember
- 801 Steering assembly/Front suspension
- 802 Oil pan
- 803 Exhaust system pipe
- 804 Transmission
- 805 Drive shaft
- 806 Catalytic converter
- 807 Muffler
- 808 Floor pan
- 809 Fuel tank
- 810 Rear suspension
- 818 Other undercarriage component (specify): \_\_\_\_\_
- 819 Unknown undercarriage component

Accessories

- 820 Air scoop, deflector
- 821 Cellular or CB radio antenna
- 822 Emergency lights or bar
- 823 Fog lights
- 824 Luggage, ski, or bike rack
- 825 Cargo (specify): \_\_\_\_\_
- 826 Spare tire
- 827 Spotlight
- 828 Other accessory (specify): \_\_\_\_\_

Other Object or Vehicle in Environment

- 947 Ground
- 948 Other object (specify): \_\_\_\_\_
- 949 Unknown object in environment
- 959 Unknown object on contacting vehicle
- 997 Noncontact injury source
- 999 Unknown injury source

# OFFICIAL INJURY DATA — SKELETAL INJURIES

Restrained?

- No  
 Yes

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.)

Blood Alcohol Level (mg/dl)

BAL = \_\_\_\_

Glasgow Coma Scale Score

GCSS = \_\_\_\_

Units of Blood Given

Units = \_\_\_\_

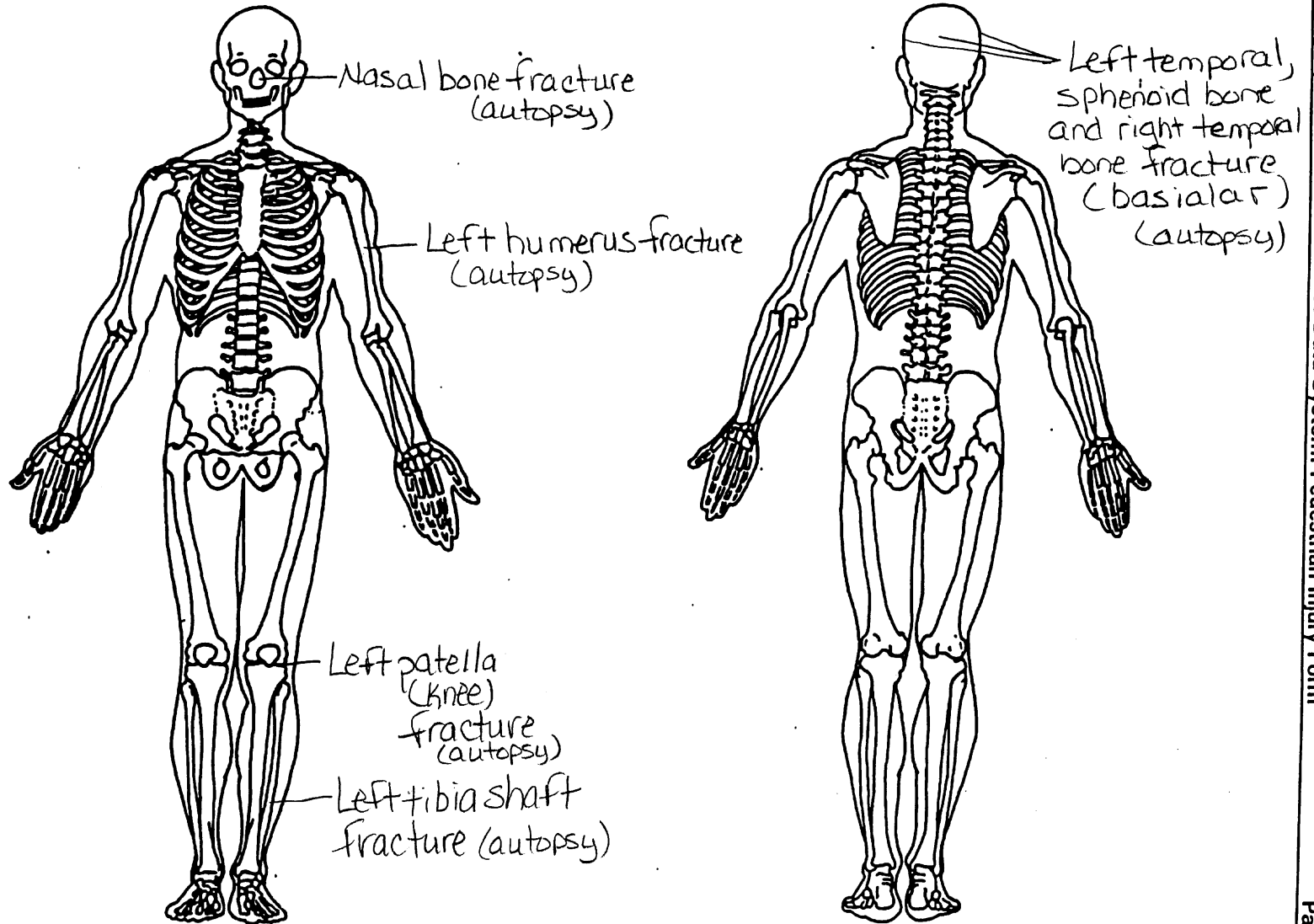
Arterial Blood Gases

Ph = \_\_\_\_

PO<sub>2</sub> = \_\_\_\_

PCO<sub>2</sub> = \_\_\_\_

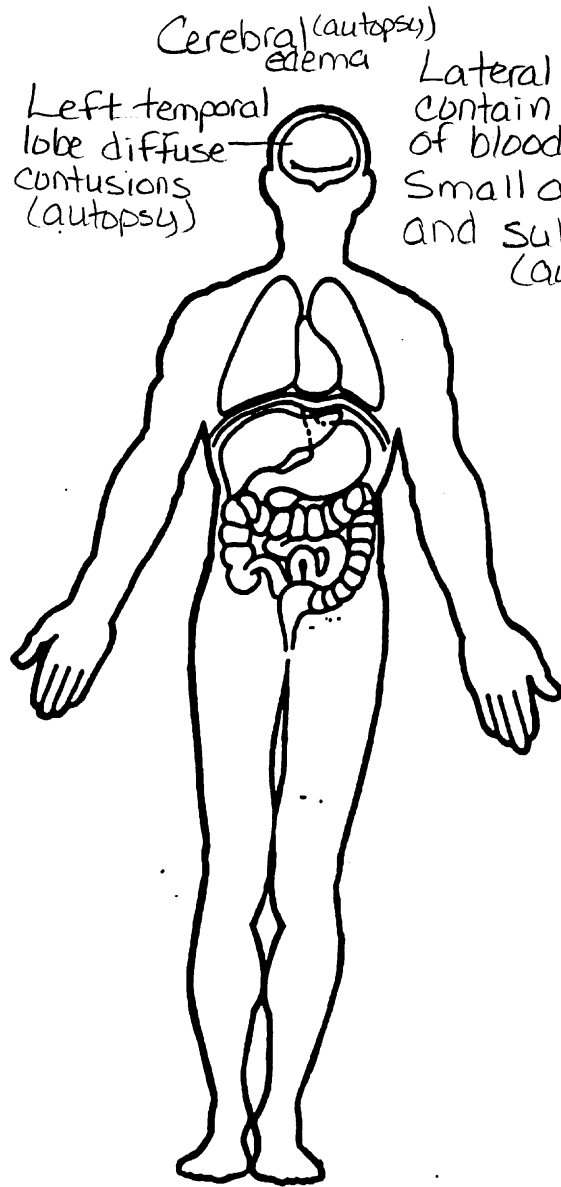
HCO<sub>3</sub> = \_\_\_\_





# OFFICIAL INJURY DATA — INTERNAL INJURIES

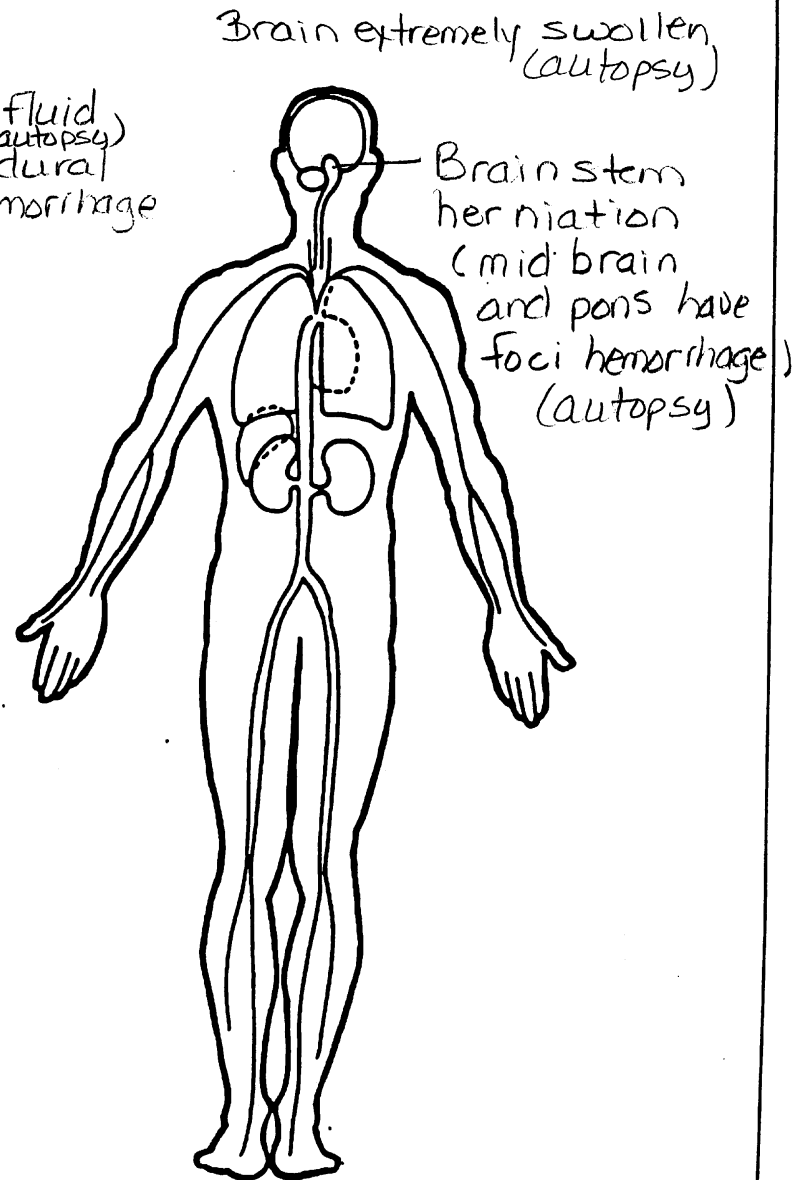
Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)



Left temporal lobe diffuse contusions (autopsy)

Cerebral edema (autopsy)

Lateral ventricles contain small amount of bloody cerebrospinal fluid (autopsy)  
Small amount of subdural and subarachnoid hemorrhage (autopsy)



Brain extremely swollen (autopsy)

Brain stem herniation (mid brain and pons have foci hemorrhage) (autopsy)

OFFICIAL RECORDS

1. Primary Sampling Unit Number 40  
2. Case Number - Stratum 6 39 P  
3. Vehicle Number 0 1

9. Police Reported Travel Speed 999  
Code to the nearest kmph (NOTE: 000 means less than 0.5 kmph)  
(160) 159.5 kmph and above  
(999) Unknown

\_\_\_ mph X 1.6093 = \_\_\_ kmph

VEHICLE IDENTIFICATION

4. Vehicle Model Year 89  
Code the last two digits of the model year  
(99) Unknown

10. Speed Limit 072  
(000) No statutory limit  
Code posted or statutory speed limit in kmph  
(999) Unknown

45 mph X 1.6093 = 64 kmph

5. Vehicle Make (specify): 09  
PLYMOUTH  
Applicable codes are found in your NASS PCDS Data Collection, Coding and Editing Manual.  
(99) Unknown

11. Police Reported Alcohol Presence For Driver 7  
(0) No alcohol present  
(1) Yes alcohol present  
(7) Not reported  
(8) No driver present  
(9) Unknown

6. Vehicle Model (specify): 017  
SUNDANCE  
Applicable codes are found in your NASS PCDS Data Collection, Coding and Editing Manual.  
(999) Unknown

12. Alcohol Test Result For Driver 96  
Code actual value (decimal implied before first digit—0.xx)  
(95) Test refused  
(96) None given  
(97) AC (Alcohol Content) test performed, results unknown  
(98) No driver present  
(99) Unknown

7. Body Type 04  
Note: Applicable codes may be found on the back of this page.

Source: \_\_\_\_\_

8. Vehicle Identification Number  
1 P 3 B P 4 8 D X K N [REDACTED]  
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

13. Police Reported Other Drug Presence For Driver 0  
(0) No other drug(s) present  
(1) Yes other drug(s) present  
(7) Not reported  
(8) No driver present  
(9) Unknown

Left justify; Slash zeros and letter Z (0 and Z)  
No VIN—Code all zeros  
Unknown—Code all nines

14. Other Drug Specimen Test Result For Driver 0  
(0) No specimen test given  
(1) Drug not found in specimen  
(2) Drug found in specimen (specify): \_\_\_\_\_  
(3) Specimen test given, results unknown or not obtained  
(8) No driver present  
(9) Unknown

# CODES FOR BODY TYPE

## CDS APPLICABLE VEHICLES

### Automobiles

- (01) Convertible (excludes sun-roof, t-bar)
- (02) 2-door sedan, hardtop, coupe
- (03) 3-door/2-door hatchback
- (04) 4-door sedan, hardtop
- (05) 5-door/4-door hatchback
- (06) Station wagon (excluding van and truck based)
- (07) Hatchback, number of doors unknown
- (08) Other automobile type (specify): \_\_\_\_\_
- (09) Unknown automobile type

### Automobile Derivatives

- (10) Auto based pickup (includes El Camino, Caballero, Ranchero, Brat, and Rabbit pickup)
- (11) Auto based panel (cargo station wagon, auto based ambulance/hearse)
- (12) Large limousine - more than four side doors or stretched chassis
- (13) Three-wheel automobile or automobile derivative

### Utility Vehicles ( $\leq 4,500$ kgs GVWR)

- (14) Compact utility (Jeep CJ-2 - CJ-7, Scrambler, Golden Eagle, Renegade, Laredo, Wrangler, Cherokee [84 and after], Dispatcher, Raider, Bronco II, Bronco [76 and before], Explorer, S-10 Blazer, Geo Tracker, Bravada, S-15 Jimmy, Thing, Pathfinder, Trooper, Trooper II, Rodeo, Amigo, Navajo, 4-Runner, Montero, Samurai, Sidekick, Rocky)
- (15) Large utility (includes Jeep Cherokee [83 and before], Ramcharger, Trailduster, Bronco-fullsize [78 and after], fullsize Blazer, fullsize Jimmy, Landcruiser, Rover, Scout)
- (16) Utility station wagon (Chevy Suburban, GMC Suburban, Travelall, Grand Wagoneer, includes suburban limousine)
- (19) Utility, unknown body type

### Van Based Light Trucks ( $\leq 4,500$ kgs GVWR)

- (20) Minivan (Chrysler Town and Country, Caravan, Grand Caravan, Voyager, Grand Voyager, Mini-Ram, Dodge/Plymouth Vista, Aerostar, Villager, Lumina APV, Trans Sport, Silhouette, Astro, Safari, Toyota Van, Toyota Minivan, Previa, Nissan Minivan, Quest, Mitsubishi Minivan, Vanagon/Camper.)
- (21) Large van (B150-B350, Sportsman, Royal, Maxiwagon, Ram, Tradesman, Voyager [83 and before], E150-E350, Econoline, Clubwagon, Chateau, G10-G30, Chevy Van, Beauville, Sport Van, G15-G35, Rally Van, Vandura.)
- (22) Step van or walk-in van ( $\leq 4,500$  kgs GVWR)
- (23) Van based motorhome ( $\leq 4,500$  kgs GVWR)
- (24) Van based school bus ( $\leq 4,500$  kgs GVWR)
- (25) Van based other bus ( $\leq 4,500$  kgs GVWR)
- (28) Other van type (Hi-Cube Van, Kary) (specify): \_\_\_\_\_
- (29) Unknown van type

### Light Conventional Trucks (Pickup style cab, $\leq 4,500$ kgs GVWR)

- (30) Compact pickup (D50, Colt P/U, Ram 50, Dakota, Arrow Pickup [foreign], Ranger, Courier, S-10, T-10, LUV, S-15, T-15, Sonoma, Datsun/Nissan Pickup, P'up, Mazda Pickup, Toyota Pickup, Mitsubishi Pickup)
- (31) Large Pickup (Jeep Pickup, Comanche, Ram Pickup, D100-D350, W100-W350, F100-F350, C10-C35, K10-K35, R10-R35, V10-V35, Silverado, Sierra, R100-R500,)

- (32) Pickup with slide-in camper
- (33) Convertible pickup
- (39) Unknown pickup style light conventional truck type

### Other Light Trucks ( $\leq 4,500$ kgs GVWR)

- (40) Cab chassis based (includes rescue vehicles, light stake, dump, and tow truck)
- (41) Truck based panel
- (42) Light truck based motorhome (chassis mounted)
- (45) Other light conventional truck type
- (48) Unknown light truck type
- (49) Unknown light vehicle type (automobile, utility, van, or light truck)

## OTHER VEHICLES

### Buses (Excludes Van Based)

- (50) School bus (designed to carry students, not cross country or transit)
- (58) Other bus type (e.g., transit, intercity, bus based motorhome) (specify): \_\_\_\_\_
- (59) Unknown bus type

### Medium/Heavy Trucks ( $> 4,500$ kgs GVWR)

- (60) Step van ( $> 4,500$  kgs GVWR)
- (61) Single unit straight truck ( $4,500$  kgs  $<$  GVWR  $\leq 8,850$  kgs)
- (62) Single unit straight truck ( $8,850$  kgs  $<$  GVWR  $\leq 12,000$  kgs)
- (63) Single unit straight truck ( $> 12,000$  kgs GVWR)
- (64) Single unit straight truck, GVWR unknown
- (65) Medium/heavy truck based motorhome
- (67) Truck-tractor with no cargo trailer
- (68) Truck-tractor pulling one trailer
- (69) Truck-tractor pulling two or more trailers
- (70) Truck-tractor (unknown if pulling trailer)
- (78) Unknown medium/heavy truck type
- (79) Unknown truck type (light/medium/heavy)

### Motored Cycles (Does Not Include All-Terrain Vehicles/Cycles)

- (80) Motorcycle
- (81) Moped (motorized bicycle)
- (82) Three-wheel motorcycle or moped
- (88) Other motored cycle (minibike, motorscooter) (specify): \_\_\_\_\_
- (89) Unknown motored cycle type

### Other Vehicles

- (90) ATV (All-Terrain Vehicle) and ATC (All-Terrain Cycle)
- (91) Snowmobile
- (92) Farm equipment other than trucks
- (93) Construction equipment other than trucks
- (97) Other vehicle type
- (99) Unknown body type

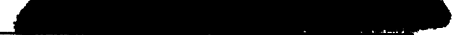


**VEHICLE WEIGHT ITEMS**

**RECONSTRUCTION DATA**

15. Vehicle Curb Weight 1.200  
 Code weight to nearest 10 kilograms.  
 (045) Less than 450 kilograms  
 (610) 6,100 kilograms or more  
 (999) Unknown

26,370.8 lbs X .4536 = 1,199 kgs

Source: 

16. Vehicle Cargo Weight 9.990  
 Code weight to nearest 10 kilograms.  
 (000) Less than 5 kilograms  
 (450) 4,500 kilograms or more  
 (999) Unknown

\_\_\_\_\_ lbs X .4536 = \_\_\_\_\_ kgs

18. Impact Speed + 999  
 Nearest kmph

(NOTE: 000 means greater than .5 kmph)  
 (160) 159.5 kmph and above  
 (999) Unknown

19. Accuracy Range of Impact Speed Estimate 9  
 (0) No reconstruction  
 (1) Less than 2 kmph  
 (2) ≥ 2 kmph and ≤ 8 kmph  
 (3) ≥ 9 kmph and ≤ 16 kmph  
 (4) ≥ 17 kmph and ≤ 26 kmph  
 (9) Unknown

20. Data Source of Impact Speed 0  
 (0) No impact speed calculated  
 (1) Zone center calculation  
 (2) Police calculation  
 (3) Driver/witness/police estimates

**OTHER DATA**

**PRECRAASH DATA**

17. Vehicle Special Use (This Trip) 0  
 (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

21. Driver's Attention to Driving X  
 (Prior to Recognition of Critical Event)  
 (1) Full attention to driving 9  
 (2) Distracted by other occupant  
 (3) Distracted by moving object in vehicle  
 (4) Distracted by outside person, object, or event  
 (5) Talking on cellular phone or CB radio  
 Specify: \_\_\_\_\_  
 (6) Sleeping or dozing while driving  
 (8) Other (specify): \_\_\_\_\_  
 (9) Unknown

22. Pre-Event Vehicle Movement 01  
 (Prior to Recognition of Critical Event)  
 (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

**STOP - VARIABLES 18 THROUGH 20  
 ARE COMPLETED BY THE ZONE CENTER**

## 23. Critical Precrash Event

80

*This Vehicle Loss of Control Due To:*

- (01) Blow out or flat tire
- (02) Stalled engine
- (03) Disabling vehicle failure (e.g., wheel fell off) (specify): \_\_\_\_\_
- (04) Non-disabling vehicle problem (e.g., hood flew up) (specify): \_\_\_\_\_
- (05) Poor road conditions (puddle, pot hole, ice, etc.) (specify): \_\_\_\_\_
- (06) Traveling too fast for conditions
- (08) Other cause of control loss (specify): \_\_\_\_\_

- (09) Unknown cause of control loss

*This Vehicle Traveling*

- (10) Over the lane line on left side of travel lane
- (11) Over the lane line on right side of travel lane
- (12) Off the edge of the road on the left side
- (13) Off the edge of the road on the right side
- (14) End departure
- (15) Turning left at intersection
- (16) Turning right at intersection
- (17) Crossing over (passing through) intersection
- (19) Unknown travel direction

*Other Motor Vehicle In Lane*

- (50) Stopped
- (51) Traveling in same direction with lower speed (i.e., lower steady speed or decelerating)
- (52) Traveling in same direction with higher speed
- (53) Traveling in opposite direction
- (54) In crossover
- (55) Backing
- (59) Unknown travel direction of other motor vehicle in lane

*Other Motor Vehicle Encroaching Into Lane*

- (60) From adjacent lane (same direction)—over left lane line
- (61) From adjacent lane (same direction)—over right lane line
- (62) From opposite direction—over left lane line
- (63) From opposite direction—over right lane line
- (64) From parking lane
- (65) From crossing street, turning into same direction
- (66) From crossing street, across path
- (67) From crossing street, turning into opposite direction
- (68) From crossing street, intended path not known
- (70) From driveway, turning into same direction
- (71) From driveway, across path
- (72) From driveway, turning into opposite direction
- (73) From driveway, intended path not known
- (74) From entrance to limited access highway
- (78) Encroachment by other vehicle—details unknown

*Pedestrian or Pedalcyclist, or Other Nonmotorist*

- (80) Pedestrian in roadway
- (81) Pedestrian approaching roadway
- (82) Pedestrian—unknown location

- (83) Pedalcyclist or other nonmotorist in roadway (specify): \_\_\_\_\_

- (84) Pedalcyclist or other nonmotorist approaching roadway (specify): \_\_\_\_\_

- (85) Pedalcyclist or other nonmotorist—unknown location (specify): \_\_\_\_\_

*Object or Animal*

- (87) Animal in roadway
- (88) Animal approaching roadway
- (89) Animal—unknown location
- (90) Object in roadway
- (91) Object approaching roadway
- (92) Object—unknown location
- (98) Other critical precrash event (specify): \_\_\_\_\_

- (99) Unknown

## 24. Attempted Avoidance Maneuver

01  
99

- (00) No driver present
- (01) No avoidance actions
- (02) Braking (no lockup)
- (03) Braking (lockup)
- (04) Braking (lockup unknown)
- (05) Releasing brakes
- (06) Steering left
- (07) Steering right
- (08) Braking and steering left
- (09) Braking and steering right
- (10) Accelerating
- (11) Accelerating and steering left
- (12) Accelerating and steering right
- (98) Other action (specify): \_\_\_\_\_
- (99) Unknown

## 25. Precrash Stability After Avoidance Maneuver

X  
9

- (0) No driver present
- (1) No avoidance maneuver
- (2) Tracking
- (3) Skidding longitudinally—rotation less than 30 degrees
- (4) Skidding laterally—clockwise rotation
- (5) Skidding laterally—counterclockwise rotation
- (8) Other vehicle loss-of-control (specify): \_\_\_\_\_
- (9) Precrash stability unknown

## 26. Precrash Directional Consequences of Avoidance Maneuver (Corrective Action)

4  
9

- (0) No driver present
- (1) No avoidance maneuver
- (2) Vehicle stayed in travel lane where avoidance maneuver was initiated
- (3) Vehicle stayed on roadway but left travel lane where avoidance maneuver was initiated
- (4) Vehicle stayed on roadway, not known if left travel lane where avoidance maneuver was initiated
- (5) Vehicle departed roadway
- (6) Avoidance maneuver initiated off roadway
- (9) Directional consequences unknown

## ENVIRONMENTAL DATA

27. Relation to Junction 0

- (0) Non-junction
- (1) Interchange area

*Non-Interchange*

- (2) Intersection
- (3) Intersection-related
- (4) Drive, alley access related
- (5) Other non-interchange (specify): \_\_\_\_\_
- (6) \_\_\_\_\_ Unknown type of non-interchange
- (9) Unknown if interchange

28. Trafficway Flow 1

- (1) Not physically divided (two way traffic)
- (2) Divided trafficway - median strip without positive barrier
- (3) Divided trafficway - median strip with positive barrier
- (4) One way trafficway
- (9) Unknown

29. Number of Travel Lanes 4

- (1) One
- (2) Two
- (3) Three
- (4) Four
- (5) Five
- (6) Six
- (7) Seven or more
- (9) Unknown

30. Roadway Alignment 1

- (1) Straight
- (2) Curve right
- (3) Curve left
- (9) Unknown

31. Roadway Profile 1

- (1) Level
- (2) Uphill Grade (> 2%)
- (3) Downhill Grade (> 2%)
- (4) Hillcrest
- (5) Sag
- (9) Unknown

32. Roadway Surface Type 2

- (1) Concrete
- (2) Bituminous (asphalt)
- (3) Brick or Block
- (4) Slag, gravel or stone
- (5) Dirt
- (8) Other (specify): \_\_\_\_\_
- (9) \_\_\_\_\_ Unknown

33. Roadway Surface Condition 1

- (1) Dry
- (2) Wet
- (3) Snow and slush
- (4) Ice
- (5) Sand, dirt or oil
- (8) Other (specify): \_\_\_\_\_
- (9) Unknown

34. Traffic Control Device 5

- (0) No traffic control(s)
- (1) Trafficway traffic control signal (not RR crossing)

*Regulatory or School Zone Sign (Not RR Crossing)*

- (2) Stop sign
- (3) Yield sign
- (4) School zone sign
- (5) Other sign (specify):  
NO PASSING ZONE
- (6) Unknown sign
- (7) Warning sign (not RR crossing)
- (8) Miscellaneous/other controls including RR controls (specify): \_\_\_\_\_
- (9) Unknown

35. Traffic Control Device Functioning 2

- (0) No traffic control
- (1) Not Functioning
- (2) Functioning
- (9) Unknown

36. Light Conditions 3

- (1) Daylight
- (2) Dark
- (3) Dark, but lighted
- (4) Dawn
- (5) Dusk
- (9) Unknown

37. Atmospheric Conditions 1

- (1) No adverse atmospheric related driving conditions
- (2) Rain
- (3) Sleet
- (4) Snow
- (5) Fog
- (6) Rain and fog
- (7) Sleet and fog
- (8) Other (e.g., smog, smoke, blowing sand or dust, etc.) (specify): \_\_\_\_\_
- (9) Unknown

1. Primary Sampling Unit Number

40

3. Vehicle Number

0 1

2. Case Number - Stratum

6 39 P  
25

VEHICLE IDENTIFICATION

VIN LP3BP48DXKN [REDACTED] Model Year 89

Vehicle Make (specify): PLYMOUTH

Vehicle Model (specify): SUNDAUCE

FOR

PEDESTRIAN FRONT CONTACT WORK SHEET

PEV06 Hood Material

STEEL

PEV08 Hood Length

112 cm

PEV09 Hood Width-Forward Opening

133 cm

PEV10 Hood Width-Midway

138 cm

PEV11 Hood Width-Rear Opening

144 cm

PEV14 Front Bumper Cover Material

PLASTIC

PEV15 Front Bumper Reinforcement Material

STEEL

VERTICAL MEASUREMENTS

PEV16 Front Bumper-Bottom Height

33 cm

PEV17 Front Bumper-Top Height

47 cm

PEV18 Forward Hood Opening

65 cm

PEV19 Front Bumper Lead

11 cm

WRAP DISTANCES

PEV20 Ground to Forward Hood Opening

69 cm

PEV21 Ground to Front/Top Transition Point

74 cm

PEV22 Ground to Rear Hood Opening

181 cm

PEV23 Ground to Base of Windshield

194 cm

PEV24 Ground to Top of Windshield

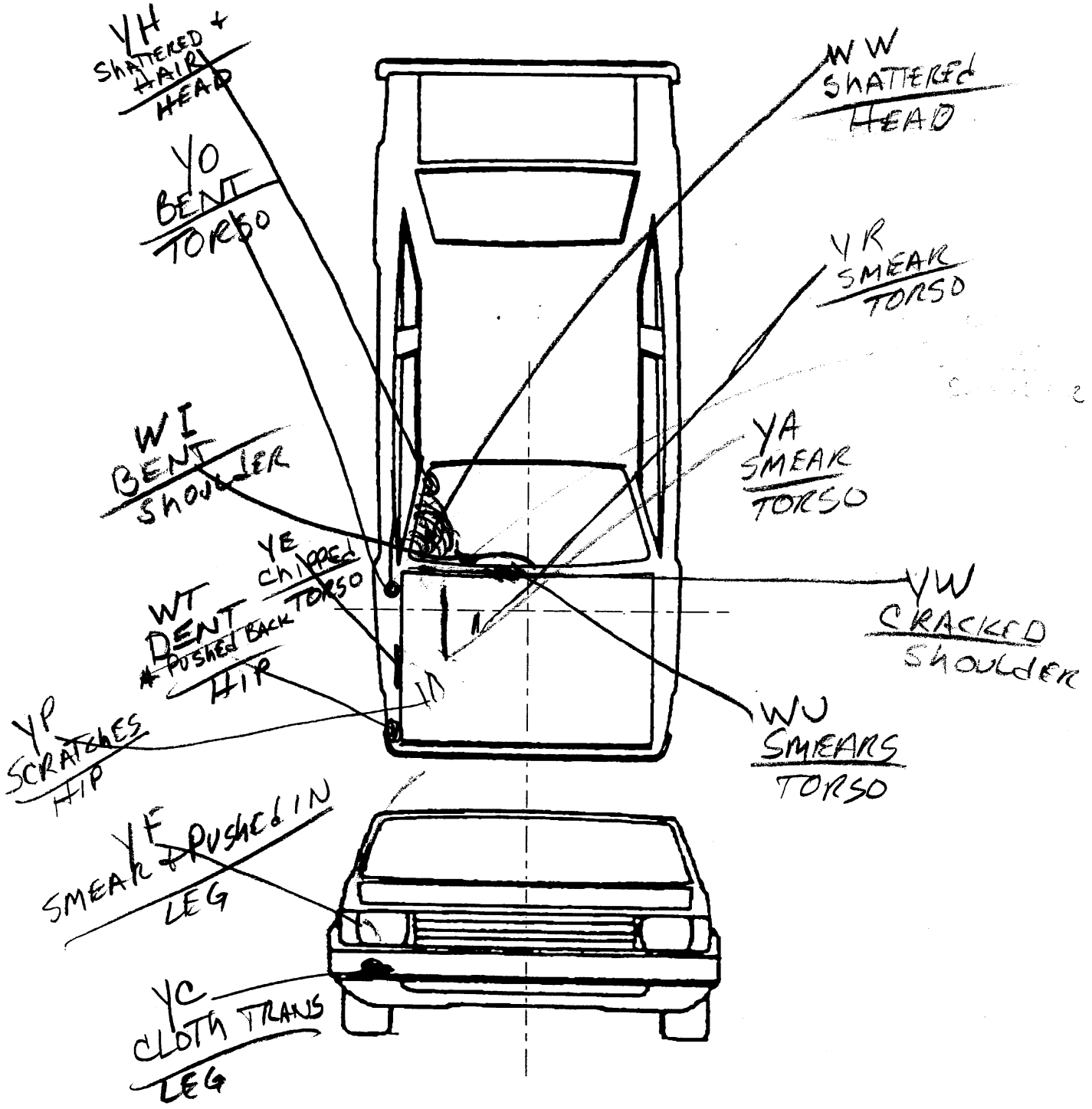
262 cm

PEV25 Ground to Head Contact

206 cm

ORIGIN 151

**VEHICLE DAMAGE SKETCH**



NOTES: Sketch all pedestrian contacts, include the size and depth in centimeters. Locate the pedestrian contacts from the intercept point of the centerline (lateral) and the front axes (longitudinal) in centimeters. Annotate observations which might be useful in reconstructing the accident (e.g., grass in tire bead, direction of striations, scuff on sidewalls, etc.).

Location of the origin (intercept point of the centerline and the front axes) from the ground: 151 cm

**PEDESTRIAN SIDE CONTACT WORK SHEET**

PEV06 Hood Material	_____	
PEV08 Hood Length	_____	cm
PEV09 Hood Width-Forward Opening	_____	cm
PEV10 Hood Width-Midway	_____	cm
PEV11 Hood Width-Rear Opening	_____	cm

**VERTICAL MEASUREMENTS**

PEV26 Ground Clearance	_____	cm
PEV27 Side Bumper-Bottom Height	_____	cm
PEV28 Side Bumper-Top Height	_____	cm
PEV29 Centerline of Wheel	_____	cm
PEV30 Top of Tire	_____	cm
PEV31 Top of Wheel Well Opening	_____	cm
PEV32 Bottom of A-Pillar at Windshield	_____	cm
PEV33 Top of A-Pillar at Windshield	_____	cm
PEV34 Top of Side View Mirror	_____	cm

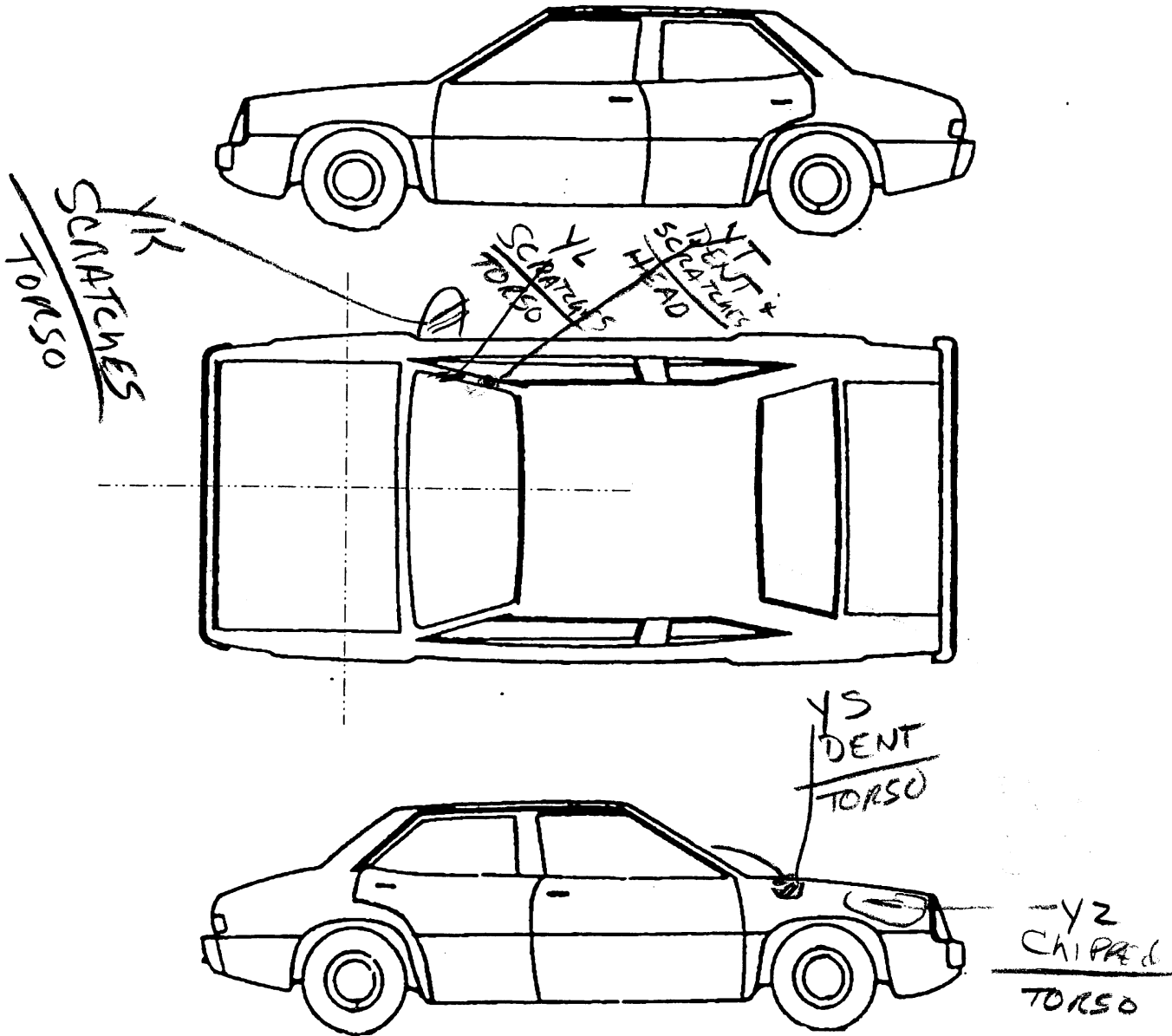
**LATERAL MEASUREMENTS**

PEV35 C <sub>L</sub> to A-Pillar at Bottom of Windshield	_____	cm
PEV36 C <sub>L</sub> to A-Pillar at Top of Windshield	_____	cm
PEV37 C <sub>L</sub> to Maximum Side View Mirror Protrusion	_____	cm

**WRAP DISTANCES**

PEV38 Ground to Side/Top Transition	_____	cm
PEV39 Ground to Hood Edge	_____	cm
PEV40 Ground to Centerline of Hood (ORIGIN)	_____	cm
PEV41 Ground to Head Contact	_____	cm

**VEHICLE DAMAGE SKETCH**



NOTES: Sketch all pedestrian contacts, include the size and depth in centimeters. Locate the pedestrian contacts from the intercept point of the centerline (lateral) and the front axles (longitudinal) in centimeters. Annotate observations which might be useful in reconstructing the accident (e.g., grass in tire bead, direction of striations, scuff on sidewalls, etc.).

Location of the origin (intercept point of the centerline and the front axles) from the ground: \_\_\_\_\_ cm

# ORIGINAL SPECIFICATIONS

Wheelbase	— <u>96.9</u>	inches x 2.54 =	= <u>246</u> cm
Overall Length	— <u>171.7</u>	inches x 2.54 =	= <u>436</u> cm
Maximum Width	— <u>67.3</u>	inches x 2.54 =	= <u>171</u> cm
Curb Weight	<u>26.3708</u>	pounds x .4536 =	= <u>1.199</u> kg
Average Track	— <u>57.3</u>	inches x 2.54 =	= <u>146</u> cm
Front Overhang	— <u>39.0</u>	inches x 2.54 =	= <u>99</u> cm
Rear Overhang	— <u>35.4</u>	inches x 2.54 =	= <u>90</u> cm
Undeformed End Width	— — — . —	inches x 2.54 =	= — — — cm
Engine Size: cyl./displ.	— — — —	cc x .001 =	= <u>2.2</u> L
<div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div>	— — — —	CID x .0164 =	= — — — L

## INJURY SOURCE

### FRONT

- 700 Front bumper
- 701 Front lower valance/spoiler
- 702 Front grille
- 703 Hood edge and/or trim
- 704 Hood ornament (fixed)
- 705 Hood ornament (spring loaded)
- 706 Headlight
- 707 Retractable headlight door (Open/Closed)
- 708 Turn signal/parking lights
- 718 Other front or add on object  
(specify): \_\_\_\_\_
- 719 Unknown front object

### Left Side Components

- 720 Front fender side surface
- 721 Front antenna
- 722 A1 pillar
- 723 A2 pillar
- 724 B pillar
- 725 C pillar
- 726 D pillar
- 728 Other pillar  
(specify): \_\_\_\_\_
- 729 Left side roof rail
- 730 Left side door surface
- 731 Left side door handle
- 732 Left side mirror fixed housing
- 733 Left side folding mirror
- 734 Left side glazing forward of B pillar
- 735 Left side glazing rearward of B pillar
- 736 Left side back fender or quarter panel
- 737 Rear antenna
- 738 Other left side object  
(specify): \_\_\_\_\_
- 739 Unknown left side component

### Right Side Components

- 740 Front fender side surface
- 741 Front antenna
- 742 A1 pillar
- 743 A2 pillar

- 744 B pillar
- 745 C pillar
- 746 D pillar
- 748 Other pillar (specify): \_\_\_\_\_
- 749 Right side roof rail
- 750 Right side door surface
- 751 Right side door handle
- 752 Right side mirror fixed housing
- 753 Right side folding mirror
- 754 Right side glazing forward of B pillar
- 755 Right side glazing rearward of B pillar
- 756 Rear antenna
- 757 Rear fender or quarter panel
- 758 Other right side object  
(specify): \_\_\_\_\_
- 759 Unknown right side component

### Back Components

- 760 Rear (back) bumper
- 761 Tailgate
- 762 Hatchback, vertical surface
- 768 Other back component  
(specify): \_\_\_\_\_
- 769 Unknown back component

### Top Components

- 770 Hood surface
- 771 Hood surface reinforced by under hood component
- 772 Front fender top surface
- 773 Cowl area
- 774 Wiper blade & mountings
- 775 Windshield glazing
- 776 Front header
- 777 Roof surface
- 778 Backlight glazing
- 779 Rear header
- 780 Hatchback
- 781 Rear trunk lid
- 788 Other top component (specify): \_\_\_\_\_
- 789 Unknown top component

### Wheels / tires

- 790 Left front wheel / tire
- 791 Right front wheel / tire
- 792 Left rear wheel / tire
- 793 Right rear wheel / tire
- 798 Other wheel / tire (specify): \_\_\_\_\_
- 799 Unknown wheel / tire

### Undercarriage components

- 800 Front cross member
- 801 Steering assembly/Front suspension
- 802 Oil pan
- 803 Exhaust system pipe
- 804 Transmission
- 805 Drive shaft
- 806 Catalytic converter
- 807 Muffler
- 808 Floor pan
- 809 Fuel tank
- 810 Rear suspension
- 818 Other undercarriage component  
(specify): \_\_\_\_\_
- 819 Unknown undercarriage component

### Accessories

- 820 Air scoop, deflector
- 821 Cellular or CB radio antenna
- 822 Emergency lights or bar
- 823 Fog lights
- 824 Luggage, ski, or bike rack
- 825 Cargo (specify): \_\_\_\_\_
- 826 Spare tire
- 827 Spotlight
- 828 Other accessory (specify): \_\_\_\_\_

### Other Object or Vehicle in Environment

- 947 Ground
- 948 Other object (specify): \_\_\_\_\_
- 949 Unknown object in environment
- 959 Unknown object on contacting vehicle
- 997 Noncontact injury source
- 999 Unknown injury source







## VEHICLE DIMENSIONS

4. Original Wheelbase 246  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (999) Unknown

96.9 inches X 2.54 = 246 centimeters

5. Original Average Track Width 146  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (185) 185 centimeters or more  
 (999) Unknown

57.3 inches X 2.54 = 146 centimeters

6. Hood Material 3  
 (1) Plastic  
 (2) Fiberglass  
 (3) Steel  
 (4) Aluminum  
 (5) Stainless Steel  
 (8) Other (specify): \_\_\_\_\_  
 (9) Unknown

7. Hood Original 1  
 Equipment Manufacturer (OEM)  
 (1) OEM factory installed hood  
 (2) OEM replacement  
 (3) Non-OEM replacement  
 (9) Unknown

8. Hood Length 112  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (180) 180 centimeters or more  
 (999) Unknown

44.1 inches X 2.54 = 112 centimeter

9. Hood Width Forward Opening 133  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (210) 210 centimeters or more  
 (999) Unknown

52.4 inches X 2.54 = 133 centimeters

10. Hood Width Midway 138  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (210) 210 centimeters or more  
 (999) Unknown

54.3 inches X 2.54 = 138 centimeters

11. Hood Width Rear Opening 144  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (210) 210 centimeters or more  
 (999) Unknown

56.7 inches X 2.54 = 144 centimeters

12. Hood/Fender Vertical/Lateral Crush From Pedestrian 1  
 (0) Not damaged  
 (1) Surface scratching only, no residual crush  
 (2) Minor crush (1-3 centimeters)  
 (3) Moderate crush (4-7 centimeters)  
 (4) Severe crush (>7 centimeters)  
 (8) Damage present, unknown if damage is from pedestrian impact  
 (9) Unknown

13. Windshield Contact Damage From Pedestrian Contact 2  
 (0) Not contacted by pedestrian  
 (1) Contacted by pedestrian - not damaged  
 (2) Contacted by pedestrian - damaged  
 (3) Unknown if contacted by pedestrian - not damaged  
 (4) Unknown if contacted by pedestrian - damaged  
 (9) Unknown if contacted by pedestrian - unknown if damaged

## FRONT CONTACT DAMAGE

## Front Vertical Measurements

14. Front Bumper Cover Material 1  
 (0) No front contact  
 (1) Plastic  
 (2) Fiberglass  
 (3) Rubber  
 (4) Other (specify): \_\_\_\_\_  
 (9) Unknown

15. Front Bumper Reinforcement Material 1  
 (0) No front contact  
 (1) Steel  
 (2) Aluminum  
 (3) Stainless Steel  
 (4) Other (specify): \_\_\_\_\_  
 (9) Unknown

16. Front Bumper-Bottom Height 033  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (150) 150 centimeters or more  
 (999) Unknown

13.0 inches X 2.54 = 033 centimeters

17. Front Bumper-Top Height 047  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (150) 150 centimeters or more  
 (999) Unknown

18.5 inches X 2.54 = 047 centimeters

18. Forward Hood Opening 065  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (200) 200 centimeters or more  
 (999) Unknown

25.6 inches X 2.54 = 65 centimeters

19. Front Bumper Lead 11  
 (00) No front contact  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (30) 30 centimeters or more  
 (99) Unknown

4.3 inches X 2.54 = 11 centimeters

23. Ground to Base of Windshield 194  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (400) 400 centimeters or more  
 (999) Unknown

76.4 inches X 2.54 = 194 centimeters

24. Ground to Top of Windshield 262  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (500) 500 centimeters or more  
 (999) Unknown

103.1 inches X 2.54 = 262 centimeters

25. Ground To Head Contact 206  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (400) 400 centimeters or more  
 (998) No head contact  
 (999) Unknown

81.1 inches X 2.54 = 206 centimeters

## Front Wrap Distance Measurements

20. Ground to Forward Hood Opening 069  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (200) 200 centimeters or more  
 (999) Unknown

27.2 inches X 2.54 = 069 centimeters

21. Ground to Front/Top Transition Point 074  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (180) 180 centimeters or more  
 (999) Unknown

29.1 inches X 2.54 = 074 centimeters

22. Ground to Rear Hood Opening 181  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (400) 400 centimeters or more  
 (999) Unknown

71.3 inches X 2.54 = 181 centimeters

## SIDE CONTACT DAMAGE

## Side Vertical Measurements

26. Ground Clearance 000  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (150) 150 centimeters or more  
 (999) Unknown

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

27. Side Bumper-Bottom Height 000  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (150) 150 centimeters or more  
 (999) Unknown

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

28. Side Bumper-Top Height 000  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (150) 150 centimeters or more  
 (999) Unknown

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

## 29. Centerline of Wheel

\_\_\_\_\_ Code to the  
nearest centimeter

- (000) No side contact  
(150) 150 centimeters or more  
(999) Unknown

\_\_\_\_\_ . \_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

## 30. Top of Tire

\_\_\_\_\_ Code to the  
nearest centimeter

- (000) No side contact  
(200) 200 centimeters or more  
(999) Unknown

\_\_\_\_\_ . \_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

## 31. Top of Wheel Well Opening

\_\_\_\_\_ Code to the  
nearest centimeter

- (000) No side contact  
(250) 250 centimeters or more  
(999) Unknown

\_\_\_\_\_ . \_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

## 32. Bottom of A-Pillar at Windshield

\_\_\_\_\_ Code to the  
nearest centimeter

- (000) No side contact  
(250) 250 centimeters or more  
(999) Unknown

\_\_\_\_\_ . \_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

## 33. Top of A-Pillar at Windshield

\_\_\_\_\_ Code to the  
nearest centimeter

- (000) No side contact  
(300) 300 centimeters or more  
(999) Unknown

\_\_\_\_\_ . \_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

## 34. Top of Side View Mirror

\_\_\_\_\_ Code to the  
nearest centimeter

- (000) No side contact  
(300) 300 centimeters or more  
(999) Unknown

\_\_\_\_\_ . \_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

## Side Lateral Measurements

35. Centerline to A-Pillar  
at Bottom of Windshield

\_\_\_\_\_ Code to the  
nearest centimeter

- (000) No side contact  
(250) 250 centimeters or more  
(999) Unknown

\_\_\_\_\_ . \_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

36. Centerline to A-Pillar  
at Top of Windshield

\_\_\_\_\_ Code to the  
nearest centimeter

- (000) No side contact  
(250) 250 centimeters or more  
(999) Unknown

\_\_\_\_\_ . \_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeter

37. Centerline to Maximum Side  
View Mirror Protrusion

\_\_\_\_\_ Code to the  
nearest centimeter

- (000) No side contact  
(300) 300 centimeters or more  
(999) Unknown

\_\_\_\_\_ . \_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeter

## Side Wrap Distance Measurements

## 38. Ground to Side/Top Transition

\_\_\_\_\_ Code to the  
nearest centimeter

- (000) No side contact  
(400) 400 centimeters or more  
(999) Unknown

\_\_\_\_\_ . \_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

## 39. Ground to Hood Edge

\_\_\_\_\_ Code to the  
nearest centimeter

- (000) No side contact  
(500) 500 centimeters or more  
(999) Unknown

\_\_\_\_\_ . \_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

40. Ground to Centerline of Hood

000

Code to the nearest centimeter

- (000) No side contact
- (700) 700 centimeters or more
- (999) Unknown

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

41. Ground to Head Contact

000

Code to the nearest centimeter

- (000) No side contact
- (800) 800 centimeters or more
- (998) No head contact
- (999) Unknown

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

1

PSU40  
CASE 639P

1997 PEDESTRIAN ACCIDENT FORM

IDENTIFICATION

3. Number of General Vehicle Forms Submitted 01  
4. Date of Accident (Month, Day, Year) 12/21/97  
5. Time of Accident (military time) 1818

SPECIAL STUDIES - INDICATORS

6. SS15 0 7. SS16 1 8. SS17 0 9. SS18 0 10. SS19 0

NUMBER OF EVENTS

11. Number of Recorded Events in This Accident 01  
01

PSU40  
CASE 639P

1997 PEDESTRIAN ACCIDENT FORM

PEDESTRIAN ACCIDENT EVENTS

<u>Accident Sequence Number</u>	<u>Vehicle Number</u>	<u>Class of Vehicle</u>	<u>General Area of Damage</u>	<u>Veh. Num. or Obj. Cont.</u>	<u>Class of Vehicle</u>	<u>General Area of Damage</u>
12. 01	13. 01	14. 01	15. F	16. 72	17. 00	18. 0

01



## PEDESTRIAN'S CHARACTERISTICS

4. Pedestrian's Age	15
5. Pedestrian's Sex	1
6. Pedestrian's Overall Height	179
7. Pedestrian's Height - Ground to Knee	99
8. Pedestrian's Height - Ground to Hip	999
9. Pedestrian's Height - Ground to Shoulder	999
10. Pedestrian's Weight	069

## PEDESTRIAN'S PRE-AVOIDANCE ACTIONS

11. Pedestrian's Attitude	1
12. Pedestrian's Motion	3
13. Pedestrian's Actions Relative to Vehicle	01
14. Pedestrian's Body (Chest) Orientation Relative to Striking Vehicle Prior to Avoidance Actions	3

## PEDESTRIAN'S AVOIDANCE ACTIONS

15. Pedestrian's First Avoidance Actions	99
--	----

## PEDESTRIAN'S ORIENTATION AT IMPACT

16. Pedestrian's Head Orientation at Initial Impact	9
17. Pedestrian's Body (Chest) Orientation at Initial Impact	3
18. Pedestrian's Arm Orientation at Initial Impact	99
19. Pedestrian's Leg Orientation at Initial Impact	99
20. Vehicle/Pedestrian's Interaction	02

## OFFICIAL RECORDS

21. Police Reported Alcohol Presence For Pedestrian	7
22. Alcohol Test Result For Pedestrian	00
23. Police Reported Other Drug Presence For Pedestrian	0
24. Other Drug Specimen Test Result For Pedestrian	1

## INJURY CONSEQUENCES

25. Injury Severity (Police Rating)	4
26. Treatment - Mortality	1
27. Type of Medical Facility (for Initial Treatment)	0
28. Hospital Stay	00
29. Working Days Lost	62

## (COMPLETED BY THE ZONE CENTER)

30. Glasgow Coma Scale Score	01
31. Was the Pedestrian Given Blood?	1
32. Arterial Blood Gases	01
33. Time to Death	01
34. 1st Medically Reported Cause of Death	15
35. 2nd Medically Reported Cause of Death	12
36. 3rd Medically Reported Cause of Death	18
37. Number of Recorded Injuries for This Pedestrian	18

PSU40  
CASE 639P  
VEHICLE 01 PEDESTRIAN 01

1997 PEDESTRIAN INJURY FORM

PEDESTRIAN INJURY DATA

	Source of Inj. Data	Body Reg.	Type of Anat. Struc.	Spec. Anat. Struc.	Lev. of Inj.	AIS Sev.	Asp.	Inj. Source	Inj. Source Level	Dir./ Indir. Inj.	Str. Pro.	Type of Dmg.	Dmg. Dep.
01.	1	2	9	02	02	1	7	775	1	1	2	5	2
02.	1	2	9	02	02	1	4	775	1	1	2	5	5
03.	1	2	5	10	02	1	4	775	1	1	2	5	5
04.	1	7	5	26	02	2	2	774	1	1	1	5	2
05.	1	7	9	02	02	1	1	770	1	1	2	3	3
06.	1	5	9	02	02	1	2	740	1	1	2	3	3
07.	1	8	9	02	02	1	2	740	1	1	2	3	3
08.	1	8	5	24	00	2	2	700	1	1	1	2	2
09.	1	8	5	34	20	2	2	700	1	1	1	2	2
10.	1	8	9	02	02	1	2	706	1	1	1	2	2
11.	1	1	9	04	02	1	6	775	1	1	2	5	5
12.	1	1	4	06	52	4	9	775	1	1	2	5	5
13.	1	1	4	06	84	3	9	775	1	1	2	5	5
14.	1	1	5	02	00	3	8	775	1	1	2	5	5
15.	1	1	4	02	02	5	8	775	1	1	2	5	5
16.	1	1	4	06	68	3	9	775	1	1	2	5	5
17.	1	1	4	06	12	3	2	775	1	1	2	5	5
18.	1	1	4	06	78	4	9	775	1	1	2	5	5

01

PSU40  
CASE 639F  
VEHICLE 01

1997 PEDESTRIAN GENERAL VEHICLE FORM

VEHICLE IDENTIFICATION

4. Vehicle Model Year	89
5. Vehicle Make	09
6. Vehicle Model	017
7. Body Type	04
8. Vehicle Identification Number	1P3BP48DXKN [REDACTED]

OFFICIAL RECORDS

9. Police Reported Travel Speed	999
10. Speed Limit	072
11. Police Reported Alcohol Presence For Driver	7
12. Alcohol Test Result For Driver	96
13. Police Reported Other Drug Presence	0
14. Other Drug Specimen Test Result for Driver	0

VEHICLE WEIGHT ITEMS

15. Vehicle Curb Weight	1,200
16. Vehicle Cargo Weight	9,990

OTHER DATA

17. Vehicle Special Use (This Trip)	0
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RECONSTRUCTION DATA (COMPLETED BY THE ZONE CENTER)

18. Impact Speed	+999
19. Accuracy Range of Impact Speed Estimate	9
20. Data Source of Impact Speed	0

PRECRASH DATA

21. Driver's Attention to Driving	9
22. Pre-Event Vehicle Movement	01

PRECRASH DATA (continued)

23. Critical Precrash Event	80
24. Attempted Avoidance Maneuver	99
25. Precrash Stability After Avoidance Maneuver	9
26. Precrash Directional Consequences of Avoidance Manuver (Corrective Action)	9

ENVIRONMENTAL DATA

27. Relation to Junction	0
28. Trafficway Flow	1
29. Number of Travel Lanes	4
30. Roadway Alignment	1
31. Roadway Profile	1
32. Roadway Surface Type	2
33. Roadway Surface Condition	1
34. Traffic Control Device	5
35. Traffic Control Device Functioning	2
36. Light Conditions	3
37. Atmospheric Conditions	1

011

INTRA ERRORS

0666171 2 OK, R.E. MODEL YEAR PGV04 should not be less than 90.

01

PSU40  
CASE 639P  
VEHICLE 01

1997 PEDESTRIAN EXTERIOR VEHICLE FORM

VEHICLE DIMENSIONS

4. Original Wheelbase	246
5. Original Average Track Width	146
6. Hood Material	3
7. Hood Original Equip. Manufacturer	1
8. Hood Length	112
9. Hood Width Forward Opening	133
10. Hood Width Midway	138
11. Hood Width Rear Opening	144
12. Hood/Fender Vertical/Lateral Crush From Pedestrian	1
13. Windshield Contact Damage From Pedestrian Contact	2

FRONT CONTACT DAMAGE

FRONT VERTICAL MEASUREMENTS

14. Front Bumper Cover Material	1	15. Front Bumper Reinforcement Mat.	1
16. Front Bumper-Bottom Height	033	17. Front Bumper-Top Height	047
18. Forward Hood Opening	065	19. Front Bumper Lead	11

FRONT WRAP DISTANCE MEASUREMENTS

20. Ground to Fwd. Hood Opening	069	21. Ground to Front/Top Transition Pt	074
22. Ground to Rear Hood Opening	181	23. Ground to Base of Windshield	194
24. Ground to Top of Windshield	262	25. Ground to Head Contact	206

SIDE CONTACT DAMAGE

SIDE VERTICAL MEASUREMENTS

26. Ground Clearance	000
27. Side Bumper-Bottom Height	000
28. Side Bumper-Top Height	000
29. Centerline of Wheel	000
30. Top of Tire	000
31. Top of Wheel Well Opening	000
32. Bottom of A-Pillar at Windshield	000
33. Top of A-Pillar at Windshield	000
34. Top of Side View Mirror	000

SIDE CONTACT DAMAGE (continued)

SIDE LATERAL MEASUREMENTS

35. Centerline to A-Pillar at Bottom of Windshield	000
36. Centerline to A-Pillar at Top of Windshield	000
37. Centerline to Maximum Side View Mirror Protrusion	000

SIDE WRAP DISTANCE MEASUREMENTS

38. Ground to Side/Top Transition	000
39. Ground to Hood Edge	000
40. Ground to Centerline of Hood (Origin)	000
41. Ground to Head Contact	000

0

