

UMTRI-90-39
VERSION 04

In-depth Vehicle Occupant Report

The University
of Michigan
Transportation
Research Institute

UMIVOR—UMIVOR—UMIVOR



Technical Report Documentation Page

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16. Abstract <p>The University of Michigan In-depth Vehicle Occupant Report (UMIVOR) is a form for the field recording of vehicle damage and occupant injuries sustained in motor vehicle traffic accidents. The report was developed by UMTRI as a new concept in accident reporting which includes, in part, modified portions of current reporting forms.</p> <p>The report is designed to be used primarily for passenger cars, light trucks, and vans. It is modular in nature so that future modifications of the format can be made easily by adding new modules or by dropping old ones. Provisions have been made in the administrative module to include optional user-defined elements. The report is also designed for data entry and computerization with specific module identifiers and column numbers. All measurements are recorded in metric units.</p> <p>The current format of the report is the result of extensive internal development, discussions with many end-user groups, and operational use in actual field situations. The report is accompanied at UMTRI by an interpretation/documentation manual and computer programs to produce working data sets from the field-recorded data.</p>			
17. Key Words Vehicle Damage, Occupant Injuries, Accidents, Passenger Cars, Light Trucks, Vans, Module, Metric Units		18. Distribution Statement Unlimited	
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TEAM CODE _____
1

ACCIDENT ID _____
3 7

VEHICLE NUMBER _____
8

MODULE A D
9

FORMAT 0 1
11

FORM VERSION 0 4
13

NO. OF CASE VEHICLES IN ACCIDENT _____
15

NUMBER OF SLIDES _____
16

TEAM REPORT NUMBER _____

_____ 18 _____ 27

_____ 28 _____ 37

DATE OF FIELD INVESTIGATION: ____ / ____ / ____

INVESTIGATOR: _____

LOCATION WHERE VEHICLE WAS EVALUATED:

CIRCLE PHOTO RECORDS MADE:

SLIDES

NEGATIVES

POLAROIDS

REPORT PREPARED BY: _____

Duplicate columns 1-8
from the previous card.

Module G 1 Format 0 1
9 10 11 12

GENERAL INFORMATION GI-1

TIME

DATE OF COLLISION / /
m m d d y y

HOUR OF COLLISION
(24 HOUR CLOCK) 19 22

LOCATION

STATE: _____

STATE FIPS CODE
23 24

AREA

- (1) URBAN
- (2) RURAL
- (9) UNKNOWN

25

ENVIRONMENTAL CONDITIONS

LIMITED-ACCESS HIGHWAY

- (0) NO
- (1) YES
- (9) UNKNOWN

26

ROAD, TOTAL TRAFFIC LANES
(FOR CASE VEHICLE)

- (1) 1-LANE
- (2) 2-LANES
- (3) 3-LANES
- (4) 4 OR MORE LANES
- (5) DIVIDED, 4 OR MORE LANES
- (6) PARKING LOT/DRIVEWAY
- (7) OTHER: _____
- (9) UNKNOWN

27

INTERSECTING RD, TOTAL LANES
CHOOSE FROM ABOVE LIST, OR

- (8) NOT APPLICABLE

28

TYPE OF ROAD SURFACE

- (1) ASPHALT
- (2) CONCRETE
- (3) GRAVEL
- (4) MORE THAN ONE (CIRCLE EACH)
- (7) OTHER: _____
- (9) UNKNOWN

29

ROAD DEFECTS

- (0) NO
- (1) YES
- (9) UNKNOWN

30

ENVIRONMENTAL CONDITIONS

CONSTRUCTION ZONE

- (0) NO
- (1) YES
- (9) UNKNOWN

31

ROAD ALIGNMENT
VERTICAL PLANE

- (1) LEVEL
- (2) CREST OF HILL
- (3) SLOPE (2%)
- (4) BOTTOM OF HILL
- (9) UNKNOWN

32

ROAD ALIGNMENT
HORIZONTAL PLANE

- (1) STRAIGHT
- (2) CURVE
- (3) T - SHAPED
- (4) Y - SHAPED
- (7) OTHER: _____
- (9) UNKNOWN

33

SURFACE COVERING

- (10) DRY
- (21) WATER - DAMP
- (22) WATER - WET
- (23) WATER - PUDDLED
- (29) WATER - AMOUNT UNKNOWN
- (31) SNOW - LOOSE
- (32) SNOW - PACKED
- (39) SNOW - CONDITION UNKNOWN
- (41) ICE
- (51) SLUSH
- (61) SPILLED GRAVEL
- (71) OTHER: _____
- (99) UNKNOWN

34 35

VISIBILITY LIMITATION
(FOR CASE VEHICLE)

- (0) NONE
- (1) CLOUDY/DARK
- (2) FOG
- (3) SMOKE
- (4) WINDSHIELD CONDITION
- (5) GLARE
- (6) RAIN
- (7) OTHER: _____
- (8) ICE/SNOW
- (9) UNKNOWN

36

VISIBILITY OBSTRUCTION
(FOR CASE VEHICLE)

- (0) NONE
- (1) BUILDING
- (2) SIGN
- (3) VEGETATION (E.G. BUSHES, SHRUBS)
- (4) TREE
- (5) HILL OR CURVE IN ROAD
- (6) VEHICLE IN TRANSPORT
- (7) OTHER: _____
- (8) PARKED VEHICLE
- (9) UNKNOWN

37

ENVIRONMENTAL CONDITIONS

SPEED LIMIT

- (0) 5-45 km/h 5-25 mph
- (1) 46-55 30
- (2) 56-60 35
- (3) 61-70 40
- (4) 71-79 45
- (5) 80-85 50
- (6) 86-90 55
- (7) 91-105 60
- (8) OVER 105 65
- (9) UNKNOWN

PRECIPITATION

- (0) NONE
- (1) RAIN
- (2) SNOW
- (3) HAIL
- (4) FREEZING RAIN/SLEET
- (7) OTHER: _____
- (9) UNKNOWN

RATE OF PRECIPITATION

- (1) LIGHT/MIST
- (2) MODERATE
- (3) HEAVY
- (8) NOT APPLICABLE
- (9) UNKNOWN

TEMPERATURE

- (0) BELOW -15° C BELOW 5° F
- (1) -15 TO -6 5 TO 22
- (2) -5 TO -1 23 TO 31
- (3) 0 TO 2 32 TO 36
- (4) 3 TO 5 37 TO 41
- (5) 6 TO 15 42 TO 59
- (6) 16 TO 25 60 TO 77
- (7) 26 TO 35 78 TO 95
- (8) OVER 35 OVER 96
- (9) UNKNOWN

CROSSWIND

- (0) NONE
- (1) LIGHT
- (2) STRONG
- (3) GUSTY & STRONG
- (9) UNKNOWN

LIGHT CONDITIONS

- (1) DAYLIGHT
- (2) DAWN
- (3) DUSK
- (4) DARK, LIGHTED
- (5) DARK, UNLIGHTED
- (6) DARK, UNKNOWN IF LIGHTED
- (9) UNKNOWN

MECHANICAL MALFUNCTION

WAS THERE MENTION OF A MECHANICAL MALFUNCTION IN CASE VEHICLE

- (0) NO
- (1) YES
- (2) YES, DID NOT CONTRIBUTE TO ACCIDENT
- (9) UNKNOWN

38

44

THE FOLLOWING SECTION SHOULD BE FILLED OUT IF A MECHANICAL MALFUNCTION IS RECOGNIZED OR SUSPECTED.

CIRCLE ITEMS INVOLVED. SUPPORT ANY ITEMS CIRCLED WITH COMMENTS.

- BRAKE SYSTEM
- DRIVER CONTROLS
- EXHAUST SYSTEM
- POWER TRAIN
- STEERING SYSTEM
- FUEL SYSTEM
- SUSPENSION SYSTEM
- VISIBILITY ITEMS
- ELECTRICAL SYSTEM
- TIRES

OTHER: _____

THROTTLE CONTROLS UNKNOWN

COMMENTS: _____

39

40

41

42

43

CRASH DETAILS

CASE VEHICLE AND OBJECT

- (0) NO
- (1) YES
- (9) UNKNOWN

45

CASE VEHICLE ROLLOVER

- (0) NO ROLLOVER
- (1) YES, FIRST EVENT
- (2) YES, SUBSEQUENT EVENT
- (3) YES, SEQUENCE UNKNOWN
- (9) UNKNOWN

46

**CASE VEHICLE RAN OFF ROADWAY
(BEFORE FIRST IMPACT)**

- (0) NO
- (1) YES
- (9) UNKNOWN

47

**MOVING CASE VEHICLE AND
CONTACTED MOVING VEHICLE**

- (0) NO
- (1) YES
- (9) UNKNOWN

48

**CASE VEHICLE AND
CONTACTED STOPPED VEHICLE**

- (0) NO
- (1) YES
- (9) UNKNOWN

49

**STOPPED CASE VEHICLE AND
CONTACTED VEHICLE**

- (0) NO
- (1) YES
- (9) UNKNOWN

50

**TOTAL NUMBER
OF VEHICLES CONTACTED
BY CASE VEHICLE IN CRASH**

- (8) 8 OR MORE
- (9) UNKNOWN

51

**ANY FIRE IN THIS CRASH
(NOT JUST CASE VEHICLE)**

- (0) NO
- (1) YES
- (9) UNKNOWN

52

**HIGHEST POLICE INJURY
SEVERITY CODE IN CRASH
(NOT JUST CASE VEHICLE)**

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING INJURY
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO ACCIDENT
- (7) NON-FATAL INJURY
SEVERITY UNKNOWN
- (9) UNKNOWN

53

DRIVER IMPAIRMENT

**DRIVER ALCOHOL INVOLVMENT
(CASE VEHICLE)**

- (0) NONE
- (1) YES
- (9) UNKNOWN/NOT REPORTED/
NO DRIVER

54

**DRIVER ALCOHOL BAC
(CASE VEHICLE)**

- (80) NO TEST
- (90) CHEMICAL TESTS, NO RESULTS
- (95) AUTOPSY, NO RESULTS
- (99) UNKNOWN

55 56

**WAS THERE MENTION OF DRIVER
IMPAIRMENT FOR CASE VEHICLE?**

- (0) NO
- (1) YES
- (9) UNKNOWN

57

LIST IMPAIRMENTS MENTIONED:

Post - CRASH DETAIL

**MANNER CASE VEHICLE
LEFT SCENE**

- (1) DRIVEN
- (2) TOWED DUE TO DAMAGE
- (3) TOWED, NOT DUE TO DAMAGE
- (4) TOWED, REASON UNKNOWN
- (9) UNKNOWN

58

ACCIDENT SCHEMATIC

GI-4

ACCIDENT DESCRIPTION: _____ CASE VEHICLE (A): _____

_____ OTHER VEHICLE (B): _____

_____ THIRD VEHICLE (C): _____



NORTH

A large grid of 20 columns and 20 rows of dots, intended for drawing the accident schematic.

Duplicate columns 1-8 from the previous card.

Module 0 V Format 0 1
 9 10 11 12

OTHER VEHICLE OV-1

MAKE: _____
 MODEL: _____

NO. OF CYLINDERS OR ROTORS: _____
 CARGO: _____

VIN _____
 13 29

MANUFAC/BODY CODE _____
 30 34

MAKE/MODEL CODE _____
 38

MODEL YEAR 1 9 _____

VEHICLE MASS (kg) _____
 41 46

IF SEPARATE REPORT WAS MADE, GIVE VEHICLE NUMBER _____

NUMBER OF OCCUPANTS (ENTER 9'S IF UNKNOWN) _____
 49

TRAVELING SPEED (km/h) _____
 52

- (000) PARKED OR STOPPED
- (995) JUST STARTING UP
- (996) BACKING UP
- (997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
- (998) SPEED EXCESSIVE (BUT UNKNOWN)
- (999) UNKNOWN

HIGHEST POLICE INJURY SEVERITY CODE FOR THIS VEHICLE

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING INJURY
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO ACCIDENT
- (7) NON-FATAL INJURY SEVERITY UNKNOWN
- (8) UNOCCUPIED VEHICLE (NOT APPLICABLE)
- (9) UNKNOWN

53

VEHICLE TYPE

PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP CAR
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

54 55

MULTIPURPOSE PASSENGER VEHICLE

- (14) SMALL UTILITY (WHEELBASE LESS THAN 107', E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107', E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) SMALL VAN (E.G. ECONOLINE)
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)

- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)

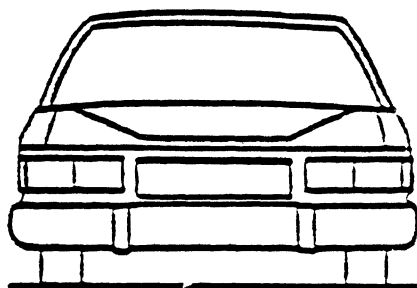
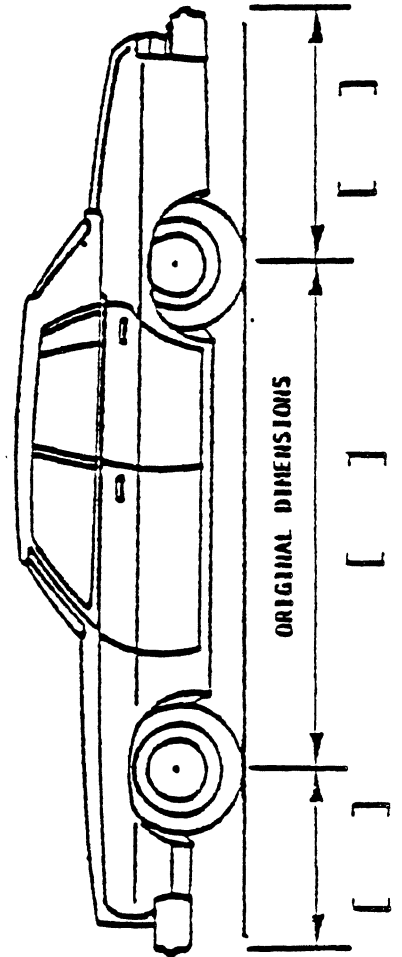
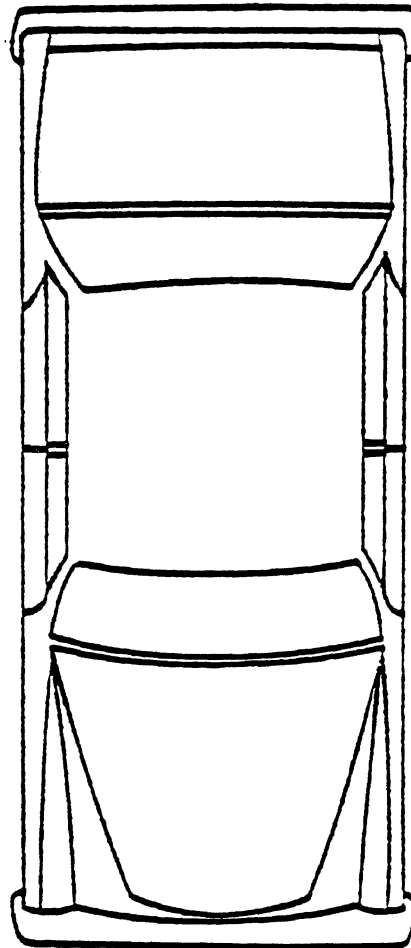
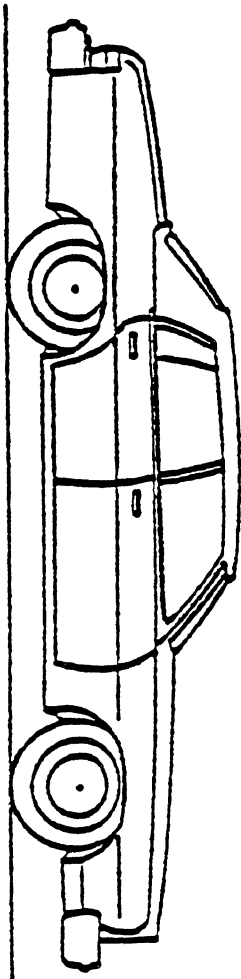
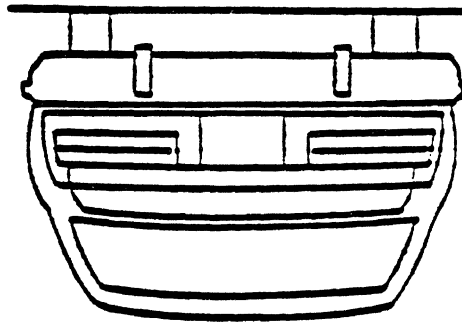
(99) UNKNOWN

WHEELBASE (cm)

(999) UNKNOWN

56 57 58

VEHICLE DAMAGE
THIS SPACE TO ENTER DETAILS



Duplicate columns 1-8
from the previous card.

Module V D Format 0 1
9 10 11 12

VEHICLE DESCRIPTION VD-1

MAKE: _____
MODEL: _____

NO. OF CYLINDERS OR ROTORS: _____
CARGO: _____

VIN _____
13 _____ 29

MANUFAC/BODY CODE _____
30 _____ 34

MAKE/MODEL CODE _____
_____ 38

MODEL YEAR 1 9 _____

VEHICLE MASS (kg) _____
41 _____ 44

ODOMETER (km)
(ENTER 9'S IF UNKNOWN) _____
(ENTER 8'S IF ELECTRONIC) 45 _____ 50

NUMBER OF OCCUPANTS
(ENTER 9'S IF UNKNOWN) _____

TRAVELING SPEED (km/h) _____
53 _____ 55

- (000) PARKED OR STOPPED
- (995) JUST STARTING UP
- (996) BACKING UP
- (997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
- (998) SPEED EXCESSIVE (BUT UNKNOWN)
- (999) UNKNOWN

STOLEN VEHICLE

- (0) NO
- (1) YES
- (9) UNKNOWN

58

BODY STRUCTURE

- (1) BODY & FRAME
- (2) UNITIZED
- (3) INTEGRAL-STUB FRAME
- (4) BODY & PLATFORM FRAME
(E.G. VW BUG)
- (7) OTHER: _____
- (9) UNKNOWN

59

TRANSMISSION

- (0) NONE
- (1) AUTOMATIC
- (2) MANUAL
- (9) UNKNOWN

60

VEHICLE TYPE

PASSENGER VEHICLE

- (11) 2-DOOR HARDTOP (NO UPPER B-PILLAR)
- (12) 2-DOOR SEDAN OR COUPE
(ANY UPPER B-PILLAR)
- (13) 4-DOOR HARDTOP
- (14) 4-DOOR SEDAN
- (15) STATION WAGON
- (16) CONVERTIBLE
- (18) OTHER PASS. VEH.: _____
- (19) PASSENGER VEHICLE, TYPE UNKNOWN

56 57

MULTIPURPOSE PASSENGER VEHICLE

- (21) SMALL UTILITY (E.G. JEEP, SCOUT, BRONCO)
- (22) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (23) VAN, SIZE UNKNOWN
- (24) VAN, SMALL (MINI)
- (25) VAN, LARGE
- (29) MPV, TYPE UNKNOWN
- (30) MOTOR HOME

TRUCK

- (31) PICKUP TRUCK, UNKNOWN
- (32) PICKUP TRUCK, SMALL (DOWNSIZED)
- (33) PICKUP TRUCK, LARGE

(99) UNKNOWN

LOCATION OF TRANSMISSION
SELECTOR LEVER

- (1) FLOOR
- (2) CONSOLE
- (3) COLUMN
- (7) OTHER: _____
- (9) UNKNOWN

61

STEERING

- (1) POWER
- (2) MANUAL
- (9) UNKNOWN

62

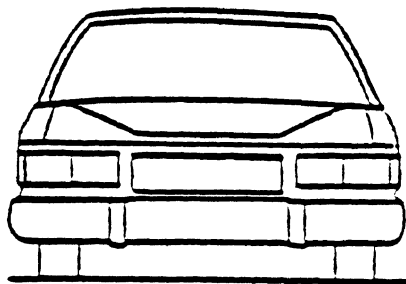
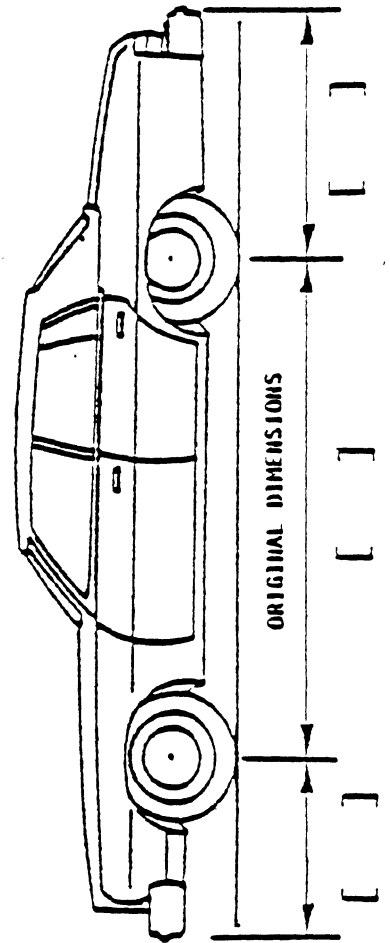
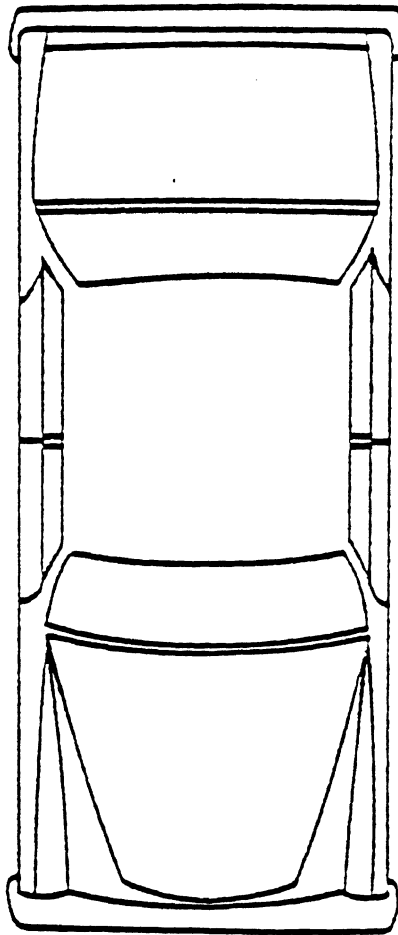
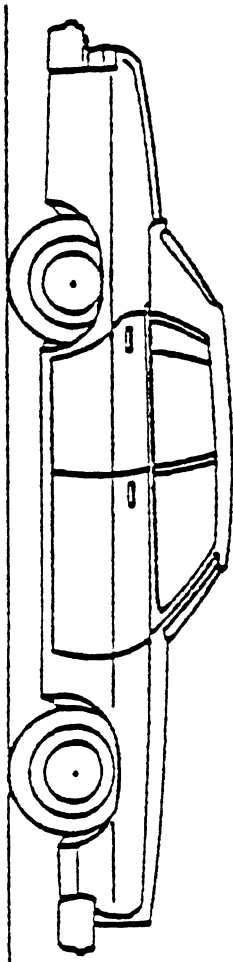
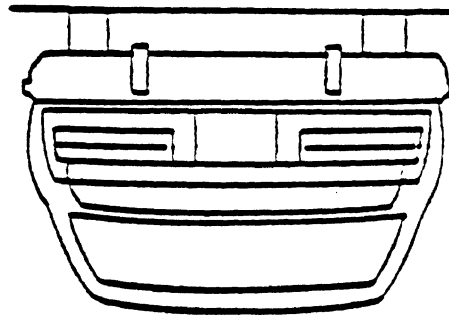
BRAKES

- (1) POWER
- (2) MANUAL
- (9) UNKNOWN

63

<p>TYPE OF BRAKES</p> <p>(1) DRUM, ALL WHEELS (2) DISC, FRONT WHEELS (3) DISC, ALL WHEELS (9) UNKNOWN</p> <hr style="width: 20px; margin-left: 0;"/> <p>BRAKE ANTI-LOCK DEVICE</p> <p>(0) NONE INSTALLED (1) TWO-WHEEL (2) FOUR-WHEEL (7) EQUIPPED, UNKNOWN WHEELS (9) UNKNOWN</p> <hr style="width: 20px; margin-left: 0;"/> <p>AIR CONDITIONING IN VEHICLE</p> <p>(0) NO (1) YES (9) UNKNOWN</p> <hr style="width: 20px; margin-left: 0;"/> <p>TYPE OF DRIVE</p> <p>(1) REAR WHEEL (2) FRONT WHEEL (3) FOUR WHEEL (9) UNKNOWN</p> <hr style="width: 20px; margin-left: 0;"/> <p>DUAL REAR WHEELS</p> <p>(0) NO (1) YES (9) UNKNOWN</p> <hr style="width: 20px; margin-left: 0;"/> <p>ORIGINAL TYPE OF RESTRAINT SYSTEM</p> <p>(1) ACTIVE BELT (2) PASSIVE BELT (3) AIR BAG (7) OTHER: _____ (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN</p> <hr style="width: 20px; margin-left: 0;"/> <p>EQUIPPED WITH ROLL BAR</p> <p>(0) NO (1) YES (9) UNKNOWN</p> <hr style="width: 20px; margin-left: 0;"/> <p>TYPE OF ROOF</p> <p>(0) NONE (1) SOLID (2) T-TOP CLOSED (3) T-TOP OPEN (4) SUN ROOF CLOSED (5) SUN ROOF OPEN (6) CONVERTIBLE CLOSED (7) CONVERTIBLE OPEN (8) OTHER: _____ (9) UNKNOWN</p>	<p>84</p> <hr style="width: 20px; margin: 0 auto;"/> <p>85</p> <hr style="width: 20px; margin: 0 auto;"/> <p>86</p> <hr style="width: 20px; margin: 0 auto;"/> <p>87</p> <hr style="width: 20px; margin: 0 auto;"/> <p>88</p> <hr style="width: 20px; margin: 0 auto;"/> <p>89</p> <hr style="width: 20px; margin: 0 auto;"/> <p>70</p> <hr style="width: 20px; margin: 0 auto;"/> <p>71</p> <hr style="width: 20px; margin: 0 auto;"/>	<p>WHEELBASE (cm) (999) Unknown</p> <p style="text-align: right;">72 73 74</p> <hr style="width: 20px; margin-left: 0;"/> <p>PLASTIC ANTI-LACERATIVE INNER LAYER GLASS EQUIPPED</p> <p>(0) NONE (1) WINDSHIELD (2) WINDSHIELD AND SIDE (7) OTHER (9) UNKNOWN</p> <p style="text-align: right;">75</p> <hr style="width: 20px; margin-left: 0;"/> <p>FIELD INVESTIGATOR INSTRUCTIONS:</p> <ol style="list-style-type: none"> 1. <u>INDICATE CRUSHED AREAS BY OUT-LINING NEW PERIMETER OF VEHICLE AND SHADING THE DAMAGED AREAS ON THE LARGE SKETCH ON PAGE VD-3. USE AS MANY SKETCHES AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.</u> 2. <u>ENTER THE DIMENSIONS ON THE SKETCH(ES) MEASURED TO THE POINT OF MAXIMUM PENETRATION BY THE OBJECT(S) CONTACTED. USE THE EXAMPLES BELOW AS A GUIDE.</u> 3. <u>ENTER THE THREE DIMENSIONS TO THE CENTER OF THE WHEELS (WHEELBASE, FRONT AND REAR OVERHANGS) ON BOTH SIDES OF THE CAR.</u> 4. <u>ADD OTHER DIMENSIONS AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.</u> <p>EXAMPLES:</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>FRONT OR REAR</p> </div> <div style="text-align: center;"> <p>SIZE</p> </div> <div style="text-align: center;"> <p>ROOF (REFERENCE TO TOP OF DOOR SILL OR WINDOW SILL)</p> </div> </div>
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FIELD INVESTIGATOR WORK PAGE



Duplicate columns 1-8
from the previous card.

Module D A Format 0 2
9 10 11 12

DAMAGE DA-1

PRIMARY	CASE VEHICLE PRIMARY CDC	CONTACTED VEHICLE ASSOCIATED CDC
	EVENT NUMBER	_____ 13
IMPACT SPEED (km/h)	_____ 14 15 16	_____ 35 36 37
ESTIMATED BY	_____ 17	_____ 38
CRUSH (cm)	_____ 18 19 20	_____ 39 40 41
CDC #1	_____ 21 - - - - - 27	_____ 42 - - - - - 48
CDC #2 (USED WHEN 4TH LETTER- CODE IN CDC #1 IS "K".)	_____ 28 - - - - - 34	_____ 49 - - - - - 55

Duplicate columns 1-8
from the previous card.

Module D A Format 0 3
9 10 11 12

SECONDARY	CASE VEHICLE SECONDARY CDC	CONTACTED VEHICLE ASSOCIATED CDC
	EVENT NUMBER	_____ 13
IMPACT SPEED (km/h)	_____ 14 15 16	_____ 35 36 37
ESTIMATED BY	_____ 17	_____ 38
CRUSH (cm)	_____ 18 19 20	_____ 39 40 41
CDC #1	_____ 21 - - - - - 27	_____ 42 - - - - - 48
CDC #2 (USED WHEN 4TH LETTER- CODE IN CDC #1 IS "K".)	_____ 28 - - - - - 34	_____ 49 - - - - - 55

CODES

EVENT NUMBER

- (8) NOT APPLICABLE
- (9) UNKNOWN

IMPACT SPEED

- (998) NOT APPLICABLE
- (999) UNKNOWN

IMPACT SPEED ESTIMATOR

- (1) INVESTIGATOR
- (2) DRIVER
- (3) POLICE
- (4) "CRASH" PROGRAM
- (7) OTHER: _____
- (8) NOT APPLICABLE
(NO VEHICLE/NO IMPACT)

CRUSH

- (998) NOT APPLICABLE
(NO VEHICLE/DAMAGE)
- (999) UNKNOWN

CDC

- (9800000) NOT APPLICABLE
- (9900000) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module D A Format 0 1
9 10 11 12

DAMAGE DA-2

MAXIMUM SHEET METAL CRUSH

(cm) (999) UNKNOWN

FRONT	<u> </u> <u> </u> <u> </u>	RIGHT SIDE	<u> </u> <u> </u> <u> </u>
	13 15		16 18
REAR	<u> </u> <u> </u> <u> </u>	LEFT SIDE	<u> </u> <u> </u> <u> </u>
	19 21		22 24
ROOF	<u> </u> <u> </u> <u> </u>	OTHER	<u> </u> <u> </u> <u> </u>
	25 27		28 30

CHRONOLOGICAL SEQUENCE OF DAMAGE/INJURY PRODUCING CRASH EVENTS FOR CASE VEHICLE

NOTE: IF CHRONOLOGICAL ORDER
IS UNKNOWN, EVENT
ORDER IS OPTIONAL.

DO YOU KNOW THIS TABLE
TO BE IN CHRONOLOGICAL ORDER?

31

(0) NO
(1) YES

EVENT NUMBER	IMPACT LOCATION	IMPACT CONFIGURATION	OBJECT/VEHICLE CONTACTED
# 1	(1) ON ROADWAY (2) SHOULDER/MEDIAN/GORE (3) ON ROADSIDE (4) OUTSIDE ROADSIDE RIGHT-OF-WAY (5) OTHER (6) OFF ROADWAY, LOC. UNK. (9) UNKNOWN <u> </u> 32	FOR CODES, SEE TABLE ON PAGE DA-3. <u> </u> 34	FOR CODES, SEE TABLE ON PAGE DA-4. <u> </u> 36
# 2	<u> </u> 37	<u> </u> 39	<u> </u> 41
# 3	<u> </u> 42	<u> </u> 44	<u> </u> 46
# 4	<u> </u> 47	<u> </u> 49	<u> </u> 51
# 5	<u> </u> 52	<u> </u> 54	<u> </u> 56
# 6	<u> </u> 57	<u> </u> 59	<u> </u> 61
# 7	<u> </u> 62	<u> </u> 64	<u> </u> 66

CODES FOR
IMPACT CONFIGURATIONFRONT OF CASE VEHICLE

- (11) AND FRONT OF CONTACTED VEHICLE
- (13) AND SIDE OF CONTACTED VEHICLE
- (14) AND REAR OF CONTACTED VEHICLE
- (16) ENDSWIPED BY CONTACTED VEHICLE
- (17) AND OBJECT
- (19) AND UNKNOWN OTHER VEHICLE CONFIGURATION

LEFT SIDE OF CASE VEHICLE

- (21) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (22) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (23) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (24) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (25) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (26) SIDSWIPED BY CONTACTED VEHICLE
- (27) AND OBJECT
- (29) AND UNKNOWN OTHER VEHICLE CONFIGURATION

REAR OF CASE VEHICLE

- (31) AND FRONT OF CONTACTED VEHICLE
- (33) AND SIDE OF CONTACTED VEHICLE
- (34) AND REAR OF CONTACTED VEHICLE
- (36) ENDSWIPED BY CONTACTED VEHICLE
- (37) AND OBJECT
- (39) AND UNKNOWN OTHER VEHICLE CONFIGURATION

RIGHT SIDE OF CASE VEHICLE

- (41) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (42) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (43) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (44) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (45) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (46) SIDSWIPED BY CONTACTED VEHICLE
- (47) AND OBJECT
- (49) AND UNKNOWN OTHER VEHICLE CONFIGURATION

OTHER

- (57) VEHICLE TO OBJECT
- (58) VEHICLE TO VEHICLE
- (59) VEHICLE TO VEHICLE, CONFIGURATION UNKNOWN

ROLLOVER

- (61) LESS THAN 360°
- (62) 360° OR MORE
- (69) DETAILS UNKNOWN

UNKNOWN

- (99) IMPACT TYPE UNKNOWN

CODES FOR VEHICLE/OBJECT CONTACTED

VEHICLE/OBJECT GROUPS

- (00) NO OBJECT
- (01) - (39) PASSENGER VEHICLE & TRUCK
- (40) - (69) OTHER VEHICLE
- (70) - (76) PEDESTRIAN & ON-ROADWAY OBJECT
- (77) - (97) OFF-ROADWAY OBJECT

- (98) OTHER (DESCRIBE)
- (99) UNKNOWN

PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

<u>SIZE</u>	<u>WHEELBASE</u>
SUB-MINI	< 2286 mm (< 90")
MINI	2286 - 2412 mm (90" - 94.9")
SUB-COMPACT	2413 - 2539 mm (95" - 99.9")
COMPACT	2540 - 2666 mm (100" - 104.9")
INTERMEDIATE	2667 - 2793 mm (105" - 109.9")
FULL	2794 - 2920 mm (110" - 114.9")
LARGE	2921 - 3174 mm (115" - 124.9")
LIMOUSINE	> 3175 mm (> 125")

MULTIPURPOSE PASSENGER VEHICLE

- (11) SMALL VAN (MINI)
- (12) PICKUP
- (14) SMALL UTILITY (WHEELBASE LESS THAN 107",
E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107",
E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) SMALL VAN (E.G. ECONOLINE)
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)

MOTORCYCLE

- (50) UNKNOWN MOTORCYCLE TYPE
- (51) 1 - 75 cc
- (52) 76 - 125 cc
- (53) 126 - 250 cc
- (54) 251 - 500 cc
- (55) 501 - 750 cc
- (56) 751 cc +
- (57) 3-WHEELS (OR WITH SIDECAR)

SPECIAL PURPOSE VEHICLE

- (60) UNKNOWN/OTHER SPECIAL VEHICLE (DESCRIBE)
- (61) SNOWMOBILE
- (62) ATV (ALL TERRAIN VEHICLE)
- (63) AMPHIBIOUS VEHICLE
- (64) FARM VEHICLE
- (65) CONSTRUCTION VEHICLE
- (66) TRAILER, PRIVATE (CAMPER)
- (67) TRAILER, COMMERCIAL (CARGO)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)

OBJECT

- (70) PEDESTRIAN
- (71) BICYCLIST, OTHER PEDALCYCLIST
- (72) PEDESTRIAN CONVEYANCE (E.G. PERSON RIDING
ANIMAL, CART)
- (73) LARGE ANIMAL
- (74) FALLEN OBJECT (E.G. OBJECT DISLODGED FROM
OTHER VEHICLE, FALLEN TREE, ROCKS)
- (75) ROCKS
- (76) CONSTRUCTION EQUIPMENT (EXCLUDING (65))
- (77) SIGN POST, UTILITY POLE, TREE
- (78) DITCH
- (79) EMBANKMENT, SNOWBANK, RR TRACKS RR X
- (80) GROUND (ROLLOVER ONLY)
- (81) CURB (DAMAGE PRODUCING IMPACTS ONLY)
- (82) CULVERT
- (83) FENCE
- (84) HYDRANT, SHORT POST, STUMP
- (85) SMALL POST/TREE, RURAL MAIL BOX, MILE
MARKER, DELINEATOR
- (86) BUILDING
- (87) PIER, PILLAR, BRIDGE SUPPORT
- (88) ABUTMENT, RETAINING WALL
- (89) BRIDGE RAIL
- (90) GUARD RAIL, LEADING SECTION
- (91) GUARD RAIL, MIDDLE OR UNKNOWN
- (92) GUARD RAIL, TRAILING SECTION
- (93) GUARD POST (TIMBER, METAL, CONCRETE)
- (94) CABLE, FENCE BARRIER
- (95) CONCRETE BARRIER (MEDIAN)
- (96) IMPACT ATTENUATOR
- (97) BREAKAWAY FEATURES

Duplicate columns 1-8
from the previous card.

Module C R Format 0 1
9 10 11 12

CRASH RECONSTRUCTION CR-2

	CASE VEHICLE PRIMARY IMPACT		CASE VEHICLE SECONDARY IMPACT	
	CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE
EVENT NUMBER	<u>13</u>		<u>47</u>	
ΔV (km/h) TOTAL	<u>14 15 16</u>	<u>32 33 34</u>	<u>48 49 50</u>	<u>66 67 68</u>
LONGITUDINAL*	<u>17</u> <u>20</u>	<u>35</u> <u>38</u>	<u>51</u> <u>54</u>	<u>69</u> <u>72</u>
LATERAL*	<u>21</u> <u>24</u>	<u>39</u> <u>42</u>	<u>55</u> <u>58</u>	<u>73</u> <u>76</u>
*NOTE: THESE ΔV COMPONENTS MUST INCLUDE SIGN.				
EXAMPLES: 10 km/h = +010 -7 km/h = -007				
ENERGY DISSIPATED BY CRUSH (kj)	<u>25</u> <u>28</u>	<u>43</u> <u>46</u>	<u>59</u> <u>62</u>	<u>77</u> <u>80</u>
RECONSTRUCTION				
(01) RECONSTRUCTED				
NOT RECONSTRUCTED BECAUSE	<u>29 30</u>		<u>63 64</u>	
(02) INSUFFICIENT DATA				
(03) EXCESSIVE UNDERRIDE/ OVERRIDE				
(04) ROLLOVER				
(05) VAULTING				
(06) OTHER TRAVEL IN MORE THAN ONE PLANE				
(07) OTHER NON-HORIZONTAL FORCE				
(08) SKIDDING SIDEWAYS				
(09) YIELDING FIXED OBJECT				
(10) OTHER:				
(11) AT LEAST ONE VEHICLE BEYOND SCOPE				
(12) OTHER VEHICLE NOT INSPECTED				
MODE				
(1) CDC ONLY				
(2) CDC & DETAILED DAMAGE				
(3) TRAJECTORY & CDC	<u>31</u>		<u>65</u>	
(4) TRAJECTORY & CDC & DETAILED DAMAGE				
(5) NOT RECONSTRUCTED				
(6) POLES PROGRAM				
(7) OLDNIS PROGRAM				

Duplicate columns 1-8
from the previous card.

Module W T Format 0 1
9 10 11 12

WHEELS AND TIRES

WT-1

WHEELS--DAMAGED

- (0) NO
- (1) YES
- (9) UNKNOWN

LF
13

RF

RR

LR
16

TIRE TREAD TYPE

- (1) REGULAR
- (2) SNOW
- (3) SLICKS
- (4) ALL WEATHER (MS)
- (7) OTHER: _____
- (9) UNKNOWN

LF
17

RF

RR

LR
20

CARCASS CONSTRUCTION

- (1) BIAS
- (2) BELTED BIAS
- (3) RADIAL
- (4) ELLIPTICAL
- (5) HI PRESSURE SPARE
- (6) SPACE SAVER SPARE
- (7) OTHER: _____
- (9) UNKNOWN

LF
21

RF

RR

LR
24

SIZE (NOT DOT CODE. IF UNKNOWN, USE 9'S)

LF
25

RF
35

RR
45

LR
55

BRAND (WRITE NAME.)

LF _____

RF _____

RR _____

LR _____

*IF VEHICLE IS EQUIPPED WITH DUAL
WHEELS, COMPLETE FOR OUTER WHEELS
AND MAKE NOTES ON INNER WHEELS.*

NOTES: _____

Duplicate columns 1-8
from the previous card.

Module F T Format 0 1
9 10 11 12

FUEL AND FUEL TANKS FT-1

<p>TYPE OF PROPULSIVE FUEL</p> <p>(1) GASOLINE (2) DIESEL OIL (3) LPG (7) OTHER: _____ (9) UNKNOWN</p>	<p>_____</p> <p>13</p>	<p>AUXILIARY TANK TYPE</p> <p>(1) OEM TANK (2) AFTER MARKET TANK (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN</p>	<p>_____</p> <p>21</p>
<p>MAIN TANK LOCATION</p>	<p>____</p> <p>14 16</p>	<p>AUXILIARY TANK LOCATION</p>	<p>____</p> <p>22 24</p>
<p>MAIN FILLER CAP LOCATION</p>	<p>____</p> <p>17 19</p>	<p>AUXILIARY FILLER CAP LOCATION</p>	<p>____</p> <p>25 27</p>
<p>MAIN TANK MATERIAL</p>	<p>_____</p> <p>20</p>	<p>AUXILIARY TANK MATERIAL</p>	<p>_____</p> <p>28</p>

TANK AND FILLER CAP LOCATION CODES

FIRST DIGIT (LONGITUDINAL)

- (1) BEHIND KICK-UP
- (2) IN KICK-UP
- (3) BETWEEN KICK-UP & COWL
- (4) FORWARD OF COWL
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

SECOND DIGIT (LATERAL)

- (1) LEFT OF FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) RIGHT OF FRAME
- (4) DUAL, RIGHT & LEFT TANKS
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

THIRD DIGIT (VERTICAL)

- (1) BELOW FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) ABOVE FRAME
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

TANK MATERIAL CODES

- (1) STEEL
- (2) ALUMINUM
- (3) PLASTIC
- (7) OTHER
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

DID FUEL LEAKAGE RESULT FROM A CRASH EVENT

(0) NO KNOWN LEAKAGE SKIP PAGE.

13

(1) YES COMPLETE PAGE.

LEAK NUMBER	I LEAKING COMPONENT	II COMPONENT SOURCE	III TYPE OF DAMAGE	IV SEVERITY OF DAMAGE	V LOCATION OF LEAK	EVENT NUMBER
#1	14 15	---	---	---	---	21
#2	22 23	---	---	---	---	29
#3	30 31	---	---	---	---	37
#4	38 39	---	---	---	---	45
#5	46 47	---	---	---	---	53

I LEAKING COMPONENT

TANK AREA

- (11) MAIN FUEL TANK (INCLUDING VAPOR RECOVERY DOME)
- (12) AUXILIARY FUEL TANK
- (13) MAIN TANK FILLER TUBE
- (14) MAIN TANK CAP (GAS CAP)
- (15) AUXILIARY TANK FILLER TUBE
- (16) AUXILIARY TANK CAP (GAS CAP)
- (19) TANK AREA, DETAILS UNKNOWN

DELIVERY SYSTEM

- (21) FUEL FEED LINE (MAIN TANK TO FUEL PUMP)
- (22) FUEL FEED LINE (AUXILIARY TANK TO FUEL PUMP)
- (23) FUEL RETURN LINE (FUEL PUMP TO TANK)
- (24) INLINE FUEL FILTER
- (25) FUEL LINE (PUMP TO CARBURETOR OR INJECTOR PUMP)
- (26) CARBURETOR TO INJECTOR PUMP
- (27) FUEL PUMP
- (29) DELIVERY SYSTEM, DETAILS UNKNOWN

EVAPORATIVE EMISSION CONTROL SYSTEM

- (31) ATMOSPHERIC VENT PIPE (NON-EEC EQUIPPED)
- (32) EEC PIPE (VAPOR CANISTER TO CARBURETOR)

EEC SYSTEM (CONTINUED)

- (33) VAPOR RECOVERY HOSES (CANISTER TO CARBURETOR)
- (34) LIQUID-VAPOR SEPARATOR (UNLESS PART OF TANK)
- (35) CANISTER
- (39) EEC SYSTEM, DETAILS UNKNOWN
- (49) ENGINE COMPARTMENT, COMPONENT UNKNOWN
- (99) COMPONENT UNKNOWN

II COMPONENT SOURCE

- (1) OEM
- (2) AFTER MARKET
- (9) UNKNOWN

III TYPE OF DAMAGE

- (1) DENTED/CRUSHED
- (2) PUNCTURED
- (3) RUPTURED
- (4) SEVERED/GROSS TEARS
- (5) DISCONNECTED/DEFEATED
- (9) UNKNOWN

IV SEVERITY OF DAMAGE

- (1) MINOR
- (2) MODERATE
- (3) SEVERE
- (4) DISCONNECTED/DEFEATED
- (9) UNKNOWN

V LOCATION OF LEAK

FIRST DIGIT (LONGITUDINAL LOCATION)

- (1) F, FORWARD OF COWL
- (2) P, BETWEEN COWL & REAR BULKHEAD
- (3) B, BEHIND REAR BULKHEAD
- (4) Y, F, & P
- (5) Z, P, & B
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

SECOND DIGIT (LATERAL LOCATION)

- (1) L, LEFT
- (2) C, CENTER
- (3) R, RIGHT
- (4) Y, LEFT CENTER (L & C)
- (5) Z, RIGHT CENTER (R & C)
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module F R Format 0 1
9 10 11 12

FIRE FR-1

WAS THERE FIRE IN OR ON CASE VEHICLE?

(0) NO SKIP PAGE.

13

(1) YES COMPLETE PAGE.

DID FIRE START IN CASE VEHICLE?

- (0) NO
- (1) YES
- (9) UNKNOWN

14

SEVERITY OF FIRE DAMAGE

- (1) MINOR
- (2) MODERATE
- (3) SEVERE
- (9) UNKNOWN

16

FLAME PROPOGATION RATE

- (1) RAPID/EXPLOSIVE
- (2) SLOW/MODERATE
- (9) UNKNOWN

15

DID AN INJURY TO CASE
VEHICLE OCCUPANT RESULT FROM
FIRE IN OR ON CASE VEHICLE?

- (0) NO
- (1) YES
- (9) UNKNOWN

17

PROVIDE NOTES IF FIRE OCCURRED.

SOURCE OF INITIAL BURNING MATERIAL: _____

IGNITION MECHANISM: _____

IGNITION LOCATION IN VEHICLE: _____

WHAT BURNED AND LOCATION: _____

DESCRIBE DAMAGE FROM FIRE: _____

DESCRIBE FIRE INJURIES: _____

HOOD PERFORMANCE

FOR THE FOLLOWING, USE CODES:

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

HOOD LATCH(ES) -RELEASED _____
 13

-DAMAGED _____
 14

-JAMMED _____
 15

HOOD HINGES- -LEFT, DAMAGED _____
 16

-LEFT, SEPARATED
 (COMPLETE) _____
 17

-RIGHT, DAMAGED _____
 18

-RIGHT, SEPARATED
 (COMPLETE) _____
 19

HOOD REMAINED ON VEHICLE _____
 20

REAR EDGE OF HOOD- -ELEVATED _____
 21

-CONTACTED WINDSHIELD _____
 22

-PENETRATED WINDSHIELD _____
 23

HOOD LATCH LOCATION

- (1) FRONT OF VEHICLE
- (2) COWL AREA
- (3) SIDE
- (8) NOT APPLICABLE
- (9) UNKNOWN

_____ 24

ENGINE OR TRANSMISSION MOUNT

SEPARATION (COMPLETE)

- (0) NO
- (1) YES
- (9) UNKNOWN

_____ 25

STEERING COL FLEXIBLE COUPLING

FLEXIBLE COUPLING TYPE

- (0) NONE
- (1) FLEXIBLE MATERIAL
- (2) POT
- (3) SINGLE U-JOINT
- (4) DOUBLE U-JOINT
- (5) FLEXIBLE CABLE
- (6) COMBINATION OF ABOVE
 (CIRCLE EACH)
- (7) OTHER: _____
- (8) EQUIPPED, TYPE UNKNOWN
- (9) UNKNOWN, IF EQUIPPED

_____ 26

COUPLING- -DAMAGED _____
 27

(USE CODES FROM HOOD PERFORMANCE)
 -SEPARATED (COMPLETE) _____
 28

ENG COMPART TELESCOPING UNIT

TYPE OF UNIT

- (00) NONE INSTALLED
- (01) - (07) SEE UNITS ON PAGE ED-2
- (97) OTHER: _____
- (98) EQUIPPED, TYPE UNKNOWN
- (99) UNKNOWN IF EQUIPPED

_____ 29 30

ORIGINAL LENGTH (mm)

F (OR H): _____

TELESCOPED LENGTH (mm)

G: _____

DIFFERENCE (mm)

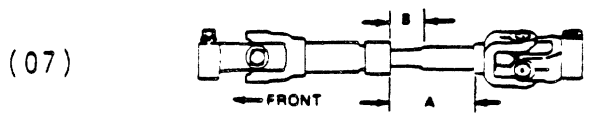
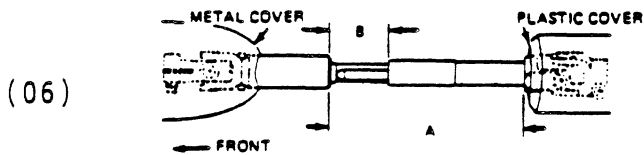
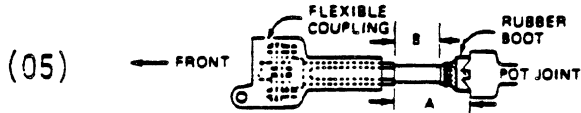
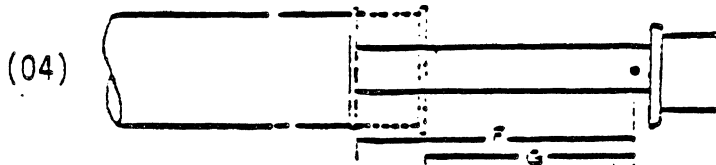
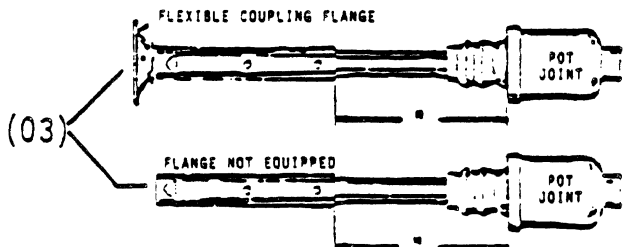
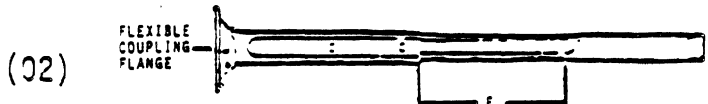
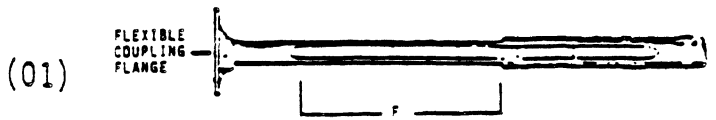
F (OR H) - G

(IF LESS THAN 15mm, ENTER "000".)

- (991) NOT MEASURED/NO COMPRESSION
- (992) COMPRESSED, AMOUNT UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO BE MEASURED
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

_____ 31 _____ 33

ENGINE COMPARTMENT TELESCOPING UNIT TYPES



LEFT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

—
34

NOTE: IF HINGE OR LATCH SEPARATION OCCURRED, CIRCLE APPROPRIATE RESPONSE BELOW

LEFT DOORS

HOW DID DOORS OPEN DURING COLLISION?

USE CODES:

- (0) DOOR DID NOT OPEN
- OPENED BECAUSE OF
- (1) HINGE AREA SEPARATION
- (2) DOOR-LATCH SEPARATION
- (3) LATCH-STRIKER SEPARATION
- (4) STRIKER-PILLAR SEPARATION
- (5) BODY DISTORTION
- (6) COMBINATION OF ABOVE
(CIRCLE EACH)
- (7) OPENED, REASON UNKNOWN
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

LEFT PILLARS *

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

-A-PILLAR, UPPER

—
35

LOWER

—
36

-B-PILLAR, UPPER

—
37

LOWER

—
38

-C-PILLAR, UPPER

—
39

LOWER

—
40

-D-PILLAR, UPPER

—
41

LOWER

—
42

-FRONT

—
43

-REAR

—
44

DOORS JAMMED CLOSED-

USE CODES:

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

-FRONT

—
45

-REAR

—
46

*

(CIRCLE RESPONSE IF DAMAGED)

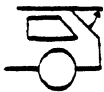
NOTE: IF HINGE OR LATCH SEPARATION OCCURRED, CIRCLE APPROPRIATE RESPONSE BELOW

REAR DOOR

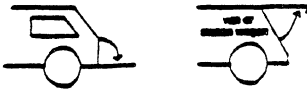
REAR DOOR TYPE

- (0) NO DOOR (INCLUDES PICKUPS)
- (1) HATCHBACK
- (2) ONE-WAY TAILGATE
- (3) TWO-WAY TAILGATE
- (4) CLAMSHELL/DISAPPEARING TAILGATE
- (5) SINGLE DOOR
- (6) DOUBLE DOOR
- (9) UNKNOWN

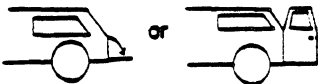
Hatchback



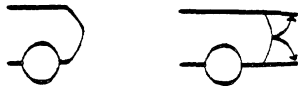
One-way



Two-way



Clamshell



Single door



Two door



HOW DID DOOR OPEN DURING COLLISION?

- (0) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION
- (2) DOOR-LATCH SEPARATION
- (3) LATCH-STRIKER SEPARATION
- (4) STRIKER-PILLAR SEPARATION
- (5) BODY DISTORTION
- (6) COMBINATION OF ABOVE (CIRCLE EACH)
- (7) OPENED, REASON UNKNOWN
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

DOOR JAMMED CLOSED

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

47

48

49

OTHER REAR DAMAGE

WAS PARTITION TO LUGGAGE AREA DAMAGED DURING COLLISION?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

50

SPARE TIRE

- (0) NO SPARE TIRE
- (1) NOT ATTACHED BEFORE COLLISION
- (2) ATTACHED, NOT SEPARATED IN COLLISION
- (3) ATTACHED, SEPARATED DUE TO COLLISION
- (9) UNKNOWN

51

TRAILER HITCH TYPE

- (0) NO HITCH

BALL-AND-SOCKET TYPES

- (1) TEMPORARY FRAMEWORK (E.G. RENTAL CLAMP-ON)
- (2) BUMPER-MOUNT ONLY (E.G. LIGHT TRUCK)
- (3) BUMPER-AND-FRAME (BUT NON-EQUALIZING)
- (4) LOAD EQUALIZING

52

OTHER TYPES

- (5) RING-AND-PINTLE
- (6) FIFTH-WHEEL (INCL. P/U)
- (7) OTHER (E.G. CLEVIS-AND-PIN)
- (8) EQUIPPED, TYPE UNKNOWN
- (9) UNKNOWN IF EQUIPPED

TRAILER TYPE (AT TIME OF COLLISION)

- (0) NO TRAILER
- (1) TRAVEL-TRAILER/CAMPER
- (2) MOBILE HOME
- (3) BOAT/SNOWMOBILE/ATV TRAILER
- (4) UTILITY TRAILER
- (5) TOWED CAR
- (7) OTHER: _____
- (8) TRAILER, TYPE UNKNOWN
- (9) UNKNOWN

53

RIGHT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

54

NOTE: IF HINGE OR LATCH SEPARATION OCCURRED, CIRCLE APPROPRIATE RESPONSE BELOW

RIGHT DOORS

HOW DID DOORS OPEN DURING COLLISION?

USE CODES:

- (00) DOOR DID NOT OPEN
- OPENED BECAUSE OF
- (01) HINGE AREA SEPARATION
- (02) DOOR-LATCH SEPARATION
- (03) LATCH-STRIKER SEPARATION
- (04) STRIKER-PILLAR SEPARATION
- (05) BODY DISTORTION
- (06) COMBINATION OF ABOVE
(CIRCLE EACH)
- (07) OPENED, REASON UNKNOWN
- (11) VAN RIGHT-REAR DOOR OPENED
(ANY MECHANISM)
- (98) NOT APPLICABLE *(NO DOOR)*
- (99) UNKNOWN

RIGHT PILLARS *

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO
- (1) YES
- (8) NOT APPLICABLE *(NOT EQUIPPED)*
- (9) UNKNOWN

-A-PILLAR, UPPER

55

LOWER

56

-B-PILLAR, UPPER

57

LOWER

58

-C-PILLAR, UPPER

59

LOWER

60

-D-PILLAR, UPPER

61

LOWER

62

-FRONT

63 64

-REAR

65 66

DOORS JAMMED CLOSED-

USE CODES:

- (0) NO
- (1) YES
- (8) NOT APPLICABLE *(NO DOOR)*
- (9) UNKNOWN

-FRONT

67

-REAR

68

VAN RIGHT-REAR DOOR TYPE

- (0) VAN, NO RIGHT-REAR DOOR
- (1) TRACK *(SLIDING)*
- (2) SINGLE-HINGED
- (3) DOUBLE-HINGED
- (8) NOT APPLICABLE *(NOT A VAN)*
- (9) UNKNOWN

69

*

(CIRCLE RESPONSE IF DAMAGED)

WINDSHIELD DAMAGE

WINDSHIELD CRACKED

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

**WINDSHIELD BROKEN
(PLASTIC INTERLAYER TORN)**

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

**CRACKED OR BROKEN
BY OCCUPANT CONTACT**

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

EXTENT OF BOND SEPARATION

- (0) NONE
- (1) 1 - 20%
- (2) 21 - 40
- (3) 41 - 60
- (4) 61 - 80
- (5) 81 - 99
- (6) TOTAL
- (7) SEPARATED, AMOUNT UNKNOWN
- (8) NOT APPLICABLE
- (9) UNKNOWN

WINDSHIELD MARK

DRAW GLASS MANUFACTURER'S WINDSHIELD MARK (LOCATED ALONG BOTTOM OF WINDSHIELD AT CENTER OR AT ONE CORNER.)

WINDSHIELD MARK ON CASE VEHICLE:

70

71

72

WINDSHIELD CODE

- (97) DESCRIBED BUT NOT CODED
- (98) NOT APPLICABLE (NO WINDSHIELD)
- (99) UNKNOWN

74 75

73

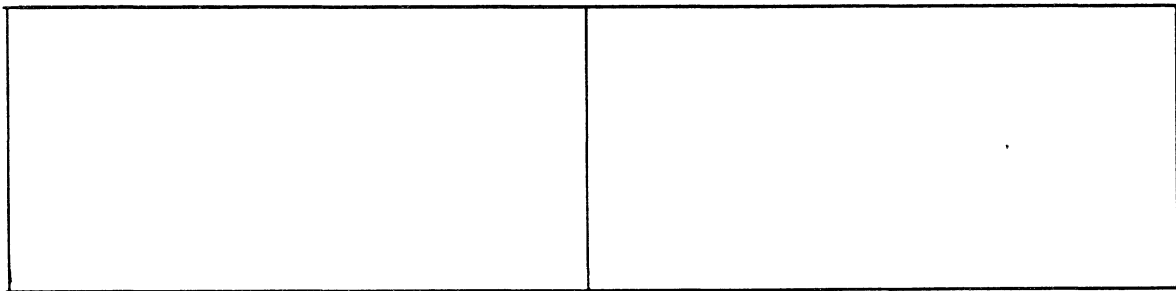
ROOF

DID T-ROOF/SUN ROOF OPEN DURING COLLISION?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NOT A T-ROOF OR SUN ROOF)
- (9) UNKNOWN

78

LOCATE AREA OF WINDSHIELD INTEREST OR DAMAGE WITH DIMENSIONS (VERTICAL & HORIZONTAL) ON THIS DIAGRAM OF THE WINDSHIELD AS VIEWED FROM INSIDE.



L

C

R

STEERING WHEEL *

STEERING WHEEL RIM DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

13

NUMBER OF STEERING WHEEL SPOKES

- (9) UNKNOWN

14

STEERING WHL SPOKE DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

15

*

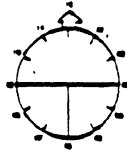
(INDICATE OCCUPANT CONTACT
BY CIRCLING RESPONSE)

STEERING WHEEL POSITION AT TIME OF COLLISION

IN WHAT O'CLOCK POSITION WAS THE
NORMAL TOP OF THE WHEEL POINTED
WHEN THE COLLISION OCCURRED?

EXAMPLES

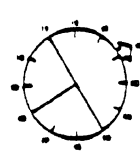
O'CLOCK - 1 2



(NORMAL STRAIGHT
AHEAD)

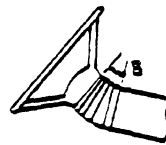
(99) UNKNOWN

O'CLOCK - 2 3



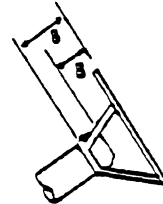
O'CLOCK - _ _

STEERING WHEEL ENERGY ABSORBING DEVICE



(1) EXAMPLES:

- BARRACUDA, 70 - 74
- CHALLENGER, 70 - 74
- CAPRI, 71 - 77



(2) EXAMPLES:

- OMNI, 78 -
- HORIZON, 78 -

STEERING COLUMN OPTIONS

TILT FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED, UNK POSITION
- (2) UP
- (3) MIDDLE
- (4) LOWER
- (9) UNKNOWN IF EQUIPPED

16

SWING-AWAY FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

17

TELESCOPING FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

18

TYPE OF DEVICE

- (0) NONE
- (1) CONVOLUTED OR MESH CYLINDER
- (2) DEEP DISH STEERING WHEEL
- (7) OTHER: _____
- (9) UNKNOWN IF EQUIPPED

19

ORIGINAL DIMENSION (mm)

A: _____

DAMAGE DIMENSION (mm)

B: _____

DIFFERENCE (mm)

A - B

- (991) NOT MEASURED/NO APPARENT COMPRESSION
- (992) COMPRESSED, AMOUNT UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO MEASURE
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

20

22

STEERING COLUMN

ENERGY ABSORBING DEVICE

TYPE OF DEVICE * (IF 27 OR 28)

- (00) NOT EQUIPPED
- (99) UNKNOWN

23 24

ORIGINAL LENGTH (mm)

C: _____

COMPRESSED LENGTH (mm)

D: _____

BRACKET DEFLECTION (IF CODE 36, 48, OR 49 ABOVE)

OR

COMPRESSION (OR EXTRUSION) (mm)

C - D (OR E) (TOLERANCE: ±10)

- (991) NOT MEASURED/NO APPARENT COMPRESSION
- (992) COMPRESSED, AMOUNT UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO BE MEASURED
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

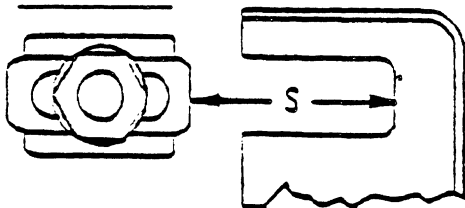
25 27

* (ADD A & B FOR TOTAL COMPRESSION)

SHEAR CAPSULE SEPARATION (mm)

S (USE AVG. OF LEFT & RIGHT CAPSULES.)

LT:



RT:

- (991) NOT MEASURED/NO APPARENT SEPARATION
- (992) SEPARATED, AMOUNT UNKNOWN
- (997) UNABLE TO BE MEASURED
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

28 30

COLUMN VERTICAL ROTATION

- (0) NO APPARENT ROTATION
- (1) UPWARD APPARENT ROTATION
- (2) DOWNWARD APPARENT ROTATION
- (9) UNKNOWN

31

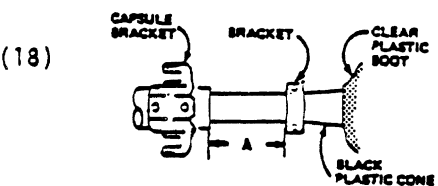
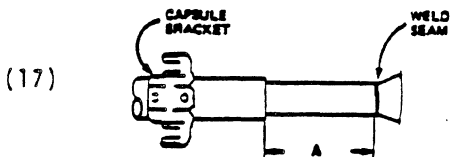
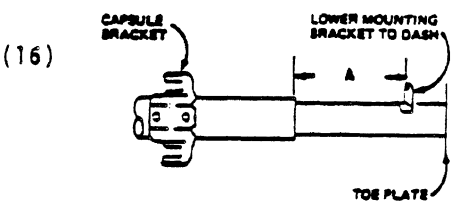
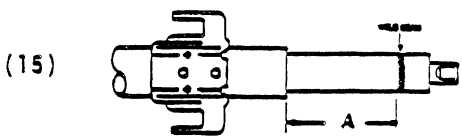
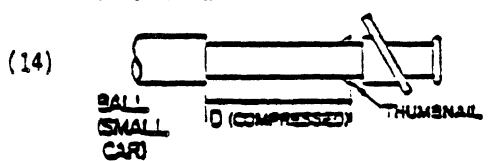
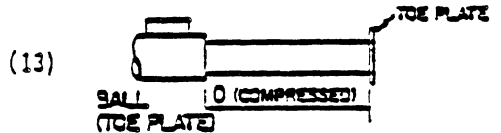
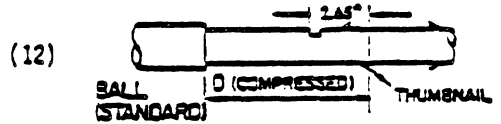
COLUMN LATERAL MOVEMENT

- (0) NO APPARENT ROTATION
- (1) LEFT APPARENT ROTATION
- (2) RIGHT APPARENT ROTATION
- (9) UNKNOWN

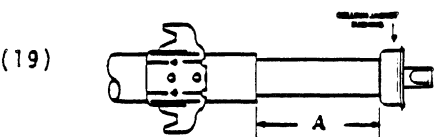
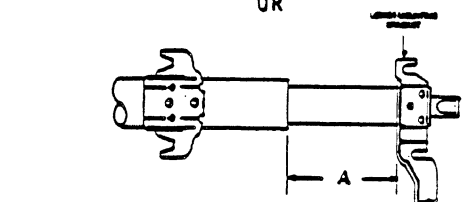
32

COLUMN DEVICE TYPES

GM

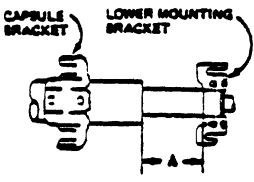
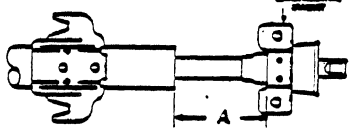
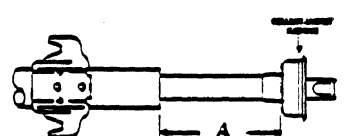

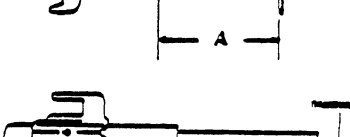
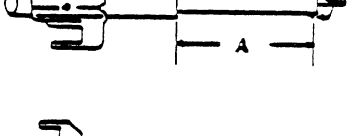
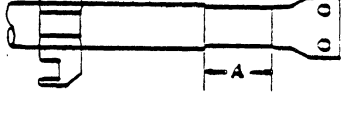
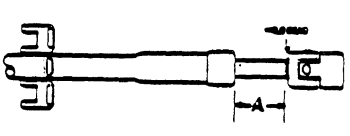
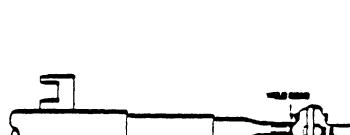


OR

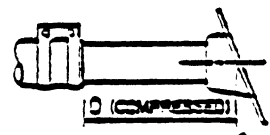
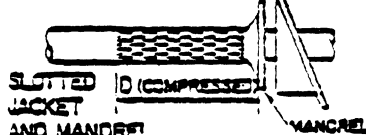
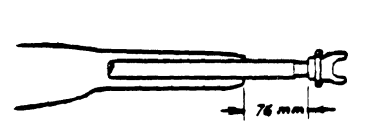
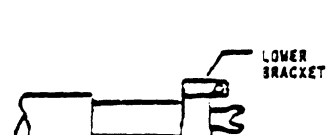
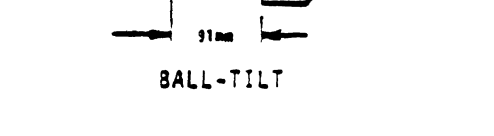

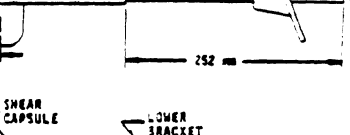
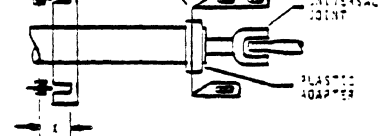


COLUMN DEVICE TYPES

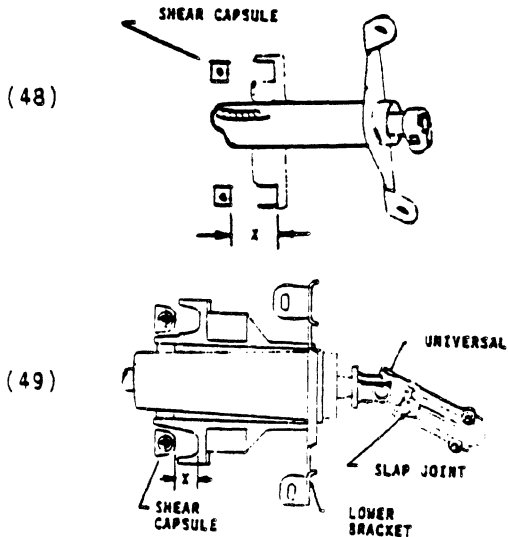
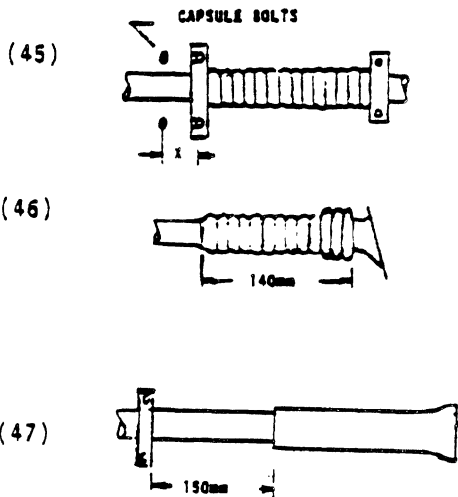
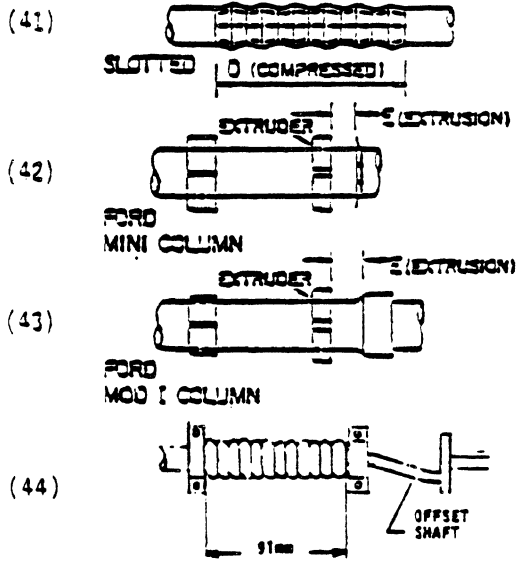
GM (CONT.)

- (20) 
- (21) 
- (22) 
- (23) 
- (24) 
- (25) 
- (26) 
- * (27) 
- * (28) 

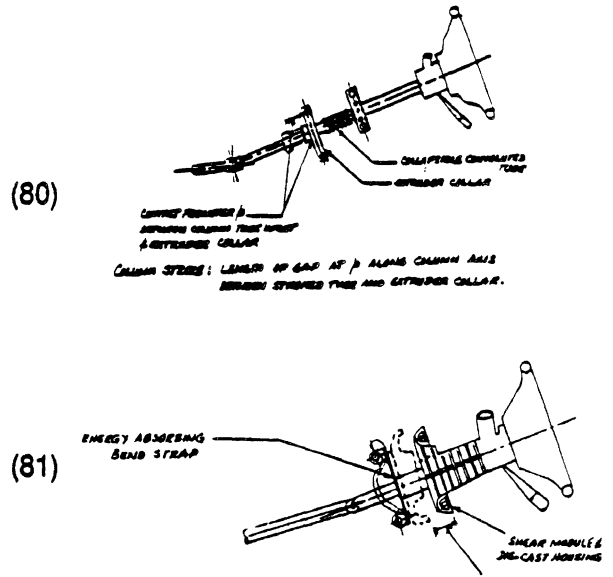
CHRYSLER

- (31) 
- (32) 
- (33) 
- (34) 
- (35) 
- (36) 
- (37) 
- (38) 

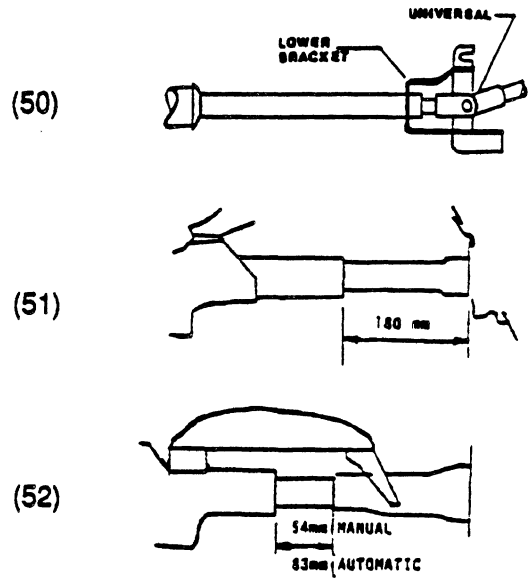
FORD



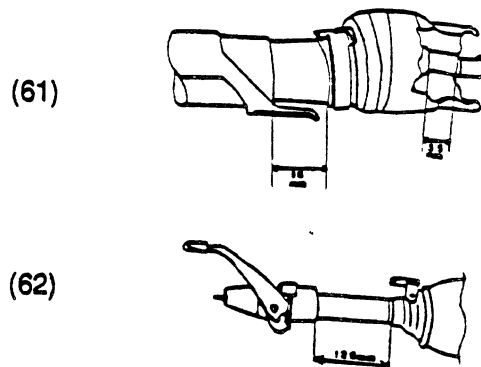
FORD (CONT.)



TOYOTA



NISSAN



CODES FOR COLUMN B, OCCUPANT SPACE NUMBER

OCCUPANT SPACE NUMBER IS A TWO-DIGIT CODE. THE USE OF THE CODE IS DETERMINED BY THE VEHICLE SEAT CONFIGURATION AT THE TIME OF THE ACCIDENT.

FIRST DIGIT

THE FIRST DIGIT (LEFT DIGIT) DENOTES THE SEAT ROW, WITH CODE VALUES FROM 1 TO 5.

SECOND DIGIT

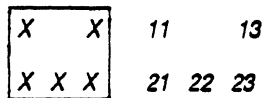
THE SECOND DIGIT (RIGHT DIGIT) DENOTES THE POSITION ON THE SEAT AND, IN SOME INSTANCES, THE WIDTH OF THE SEAT.

- (1) LEFT (3) RIGHT INDIVIDUAL SEAT
- (1) LEFT (2) CENTER (3) RIGHT BENCH: FULL WIDTH 3 PASSENGER
- (1) LEFT (2) LEFT CENTER (6) RIGHT CENTER (3) RIGHT BENCH: FULL WIDTH 4 PASSENGER
- (1) LEFT (2) CENTER (5) RIGHT & AISLE SPACE BENCH: PARTIAL WIDTH, LEFT AISLE SPACE
- (0) LEFT & SPACE (2) CENTER (5) RIGHT & SPACE BENCH: PARTIAL WIDTH, CENTERED
- (4) ENTIRE VEHICLE WIDTH CARGO AREA

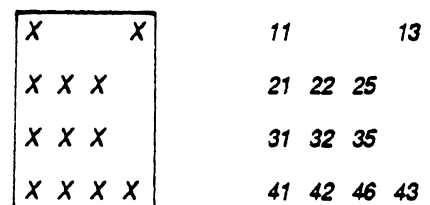
EXAMPLES

THE TWO FIGURES BELOW PROVIDE EXAMPLES OF THE OCCUPANT SPACE NUMBER.

**PASSENGER CAR
5 PASSENGERS**



**VAN
12 PASSENGER CAPACITY**



CODES FOR COLUMN F, MEASUREMENT AXIS

- (X) X-AXIS (FORE & AFT)
- (Y) Y-AXIS (LATERAL)
- (Z) Z-AXIS (VERTICAL)

CODES FOR COLUMNS G, H, I & J, OCCUPANT & INJURY NUMBERS

OCCUPANT NUMBER	INJURY NUMBER	CONTACT
(00)	(00)	NO CONTACT
(##)	(00)	CONTACT, NO INJURY
(97)	(99)	CONTACT, OCCUPANT UNKNOWN, INJURY UNKNOWN
(99)	(00) OR (99)	UNKNOWN IF CONTACT

CODES FOR COLUMN C, INTRUDING COMPONENT OR OBJECT

NOTE: DO NOT CODE OBJECTS OTHER THAN COMPONENTS OF CASE VEHICLE.

INDIVIDUAL COMPONENT

INTERNAL

- (01) INSTRUMENT PANEL
- (02) FIRE WALL
- (03) TOE PAN
- (04) FLOOR PAN
- (05) STEERING COLUMN
- (06) WINDSHIELD
- (07) WINDSHIELD HEADER
- (08) A-PILLAR
- (09) DOOR PANEL OR SIDE PANEL
- (10) WINDOW FRAME
- (11) B-PILLAR
- (12) C-PILLAR
- (13) D-PILLAR
- (14) ROOF SIDE RAILS
- (15) ROOF OR CONVERTIBLE TOP
- (16) BACKLIGHT HEADER
- (17) FRONT SEAT-BACK SURFACE/
SEAT-BACK BACK SURFACE
- (18) SECOND SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (19) THIRD SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (20) FOURTH SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (21) FIFTH SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (22) BACK PANEL/BACK DOOR SURFACE
- (23) SEAT CUSHION SURFACE/EDGE
- (24) CONSOLE
- (25) OTHER (*DESCRIBE*)
- (26) UNKNOWN INTERNAL SURFACES

EXTERNAL

- (43) HOOD
- (44) OBJECT EXTERNAL TO PASSENGER
COMPARTMENT BUT PART
OF CASE VEHICLE
- (45) OUTSIDE SURFACE OF CASE VEHICLE
- (46) OTHER (*E.G. SPARE TIRE,
JACK. DESCRIBE.*)
- (49) UNKNOWN EXTERNAL OBJECT

GROUPED FOR MASSIVE INTRUSION INTO AN OCCUPANT SPACE

**USE ONLY IF ALL THESE COMPONENTS
INTRUDED INTO A SINGLE OCCUPANT SPACE.**

- (50) WINDSHIELD HEADER
- A-PILLAR
- ROOF SIDE RAIL
- (51) INSTRUMENT PANEL
- A-PILLAR
- DOOR PANEL
- (52) INSTRUMENT PANEL
- A-PILLAR
- WINDSHIELD HEADER
- (53) DOOR PANEL
- B-PILLAR
- ROOF RAIL
- (54) DOOR PANEL
- A-PILLAR
- ROOF RAIL
- (55) INSTRUMENT PANEL
- FLOOR PAN
- A-PILLAR
- DOOR FRAME
- (56) ROOF RAIL
- A-PILLAR
- B-PILLAR
- WINDOW FRAME
- (57) ROOF RAIL
- A-PILLAR
- B-PILLAR
- C-PILLAR
- DOOR PANEL
- (58) ROOF
- ROOF RAIL
- WINDOW FRAME
- DOOR PANEL
- (59) BACKLIGHT HEADER
- ROOF
- C-PILLAR
- THIRD SEAT-BACK

- (60) ROOF
- ROOF RAIL
- A-PILLAR
- B-PILLAR
- C-PILLAR
- WINDOW FRAME
- DOOR PANEL
- FLOOR PAN

- (61) INSTRUMENT PANEL
- TOE PAN
- WINDSHIELD HEADER
- A-PILLAR
- ROOF RAIL
- WINDOW FRAME
- DOOR PANEL
- ROOF

- (62) ROOF
- ROOF RAIL
- C-PILLAR
- WINDOW FRAME
- FLOOR PAN
- SECOND SEAT
- DOOR PANEL

- (63) ROOF RAIL
- ROOF
- B-PILLAR
- WINDOW FRAME
- FLOOR PAN
- DOOR PANEL
- SECOND SEAT
- FRONT SEAT

- (64) ROOF RAIL
- ROOF OR CONVERTIBLE TOP
- A-PILLAR
- B-PILLAR
- WINDOW FRAME
- WINDOW HEADER

(98) NOT APPLICABLE

(99) UNKNOWN

Duplicate columns 1-8 from the previous card.

Module 1 T Format 0 1
 9 10 11 12

INTRUSION IT-3

WAS THERE OCCUPANT COMPARTMENT INTRUSION?
 13

WAS INTRUSION CATASTROPHIC?
 14

- (0) NO DO NOT ANSWER NEXT QUESTION. SKIP PAGE.
- (1) YES ANSWER NEXT QUESTION.
- (9) UNKNOWN SKIP PAGE.

- (0) NO COMPLETE PAGE.
- (1) YES SKIP PAGE.

Duplicate columns 1-8 from the previous card.

Module 1 T Format 0 2
 9 10 11 12

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.
 CODES FOR B, F, G, H, I, J ON PAGE IT-1
 CODES FOR C ON PAGE IT-2 OCCUPANT CONTACT AND INJURY

A	B	C	D	E	F	G	H	I	J
INTRUSION NUMBER	INTRUDING OCC. SPACE NO.	COMPONENT OR OBJECT	ASSOC. EVENT NO.	MAXIMUM INTRUSION (cm)	MEASURE- MENT AXIS	OCCUPANT NUMBER	INJURY NUMBER	OCCUPANT NUMBER	INJURY NUMBER
13-14	15-16	17-18	19	20-21	22	23-24	25-26	27-28	29-30
<u>0</u> <u>1</u>	---	---	---	---	---	---	---	---	---
<u>0</u> <u>2</u>	---	---	---	---	---	---	---	---	---
<u>0</u> <u>3</u>	---	---	---	---	---	---	---	---	---
<u>0</u> <u>4</u>	---	---	---	---	---	---	---	---	---
<u>0</u> <u>5</u>	---	---	---	---	---	---	---	---	---
<u>0</u> <u>6</u>	---	---	---	---	---	---	---	---	---
<u>0</u> <u>7</u>	---	---	---	---	---	---	---	---	---

NOTE: USE ADDITIONAL PAGE IF MORE THAN 7 INTRUSIONS.

Duplicate columns 1-8 from the previous card.

Module 1 T Format 0 3
 9 10 11 12

NOTE: IF NO SIDE DOOR INTRUSION, SKIP REMAINDER OF PAGE.

SIDE DOOR INTRUSION RESULTED FROM

INTRUSION NUMBER	CAUSE	CODES FOR CAUSE:
<u> </u> <u> </u>	<u> </u>	(1) DIRECT IMPACT
<u>13</u> <u> </u>	<u>15</u>	(2) INDUCED DAMAGE
<u> </u> <u> </u>	<u>18</u>	(9) UNKNOWN
<u>16</u> <u> </u>	<u>21</u>	
<u> </u> <u> </u>	<u>19</u>	

IF DAMAGE TO DOOR COMPONENT RESULTED IN INCREASED DOOR INTRUSION, CODE COMPONENT

	INTRUSION NUMBER	DAMAGED COMPONENT 1	DAMAGED COMPONENT 2	CODES FOR COMPONENTS
A	<u>22</u> <u>23</u>	---	<u>25</u>	(0) NONE
B	<u>26</u> <u>27</u>	---	<u>29</u>	(1) A-PILLAR
C	<u>30</u> <u>31</u>	---	<u>33</u>	(2) B-PILLAR
D	<u>34</u> <u>35</u>	---	<u>37</u>	(3) C-PILLAR
				(4) LATCH/STRIKER
				(5) HINGES
				(7) OTHER: <u> </u>
				(8) NOT APPLICABLE
				(9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module 1 T Format 0 2
9 10 11 12

INTRUSION IT-4

NOTE: Each line in the table below is a separate record (card).
Duplicate columns 1 - 12 for each completed line.

- ADDITIONAL PAGE -

INTRUSIONS *CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.*
CODES FOR B, F, G, H, I, J ON PAGE IT-1
CODES FOR C ON PAGE IT-2 OCCUPANT CONTACT AND INJURY

A	B	C	D	E	F	G	H	I	J
INTRUSION NUMBER	OCC. SPACE NO.	INTRUDING COMPONENT OR OBJECT	ASSOC. EVENT NO.	MAXIMUM INTRUSION (cm)	MEASURE- MENT AXIS	OCCUPANT NUMBER	INJURY NUMBER	OCCUPANT NUMBER	INJURY NUMBER
13-14	15-16	17-18	19	20-21	22	23-24	25-26	27-28	29-30
<u>0 8</u>	---	---	---	---	---	---	---	---	---
<u>0 9</u>	---	---	---	---	---	---	---	---	---
<u>1 0</u>	---	---	---	---	---	---	---	---	---
<u>1 1</u>	---	---	---	---	---	---	---	---	---
<u>1 2</u>	---	---	---	---	---	---	---	---	---
<u>1 3</u>	---	---	---	---	---	---	---	---	---
<u>1 4</u>	---	---	---	---	---	---	---	---	---
<u>1 5</u>	---	---	---	---	---	---	---	---	---
<u>1 6</u>	---	---	---	---	---	---	---	---	---
<u>1 7</u>	---	---	---	---	---	---	---	---	---
<u>1 8</u>	---	---	---	---	---	---	---	---	---
<u>1 9</u>	---	---	---	---	---	---	---	---	---
<u>2 0</u>	---	---	---	---	---	---	---	---	---
<u>2 1</u>	---	---	---	---	---	---	---	---	---
<u>2 2</u>	---	---	---	---	---	---	---	---	---
<u>2 3</u>	---	---	---	---	---	---	---	---	---
<u>2 4</u>	---	---	---	---	---	---	---	---	---
<u>2 5</u>	---	---	---	---	---	---	---	---	---

Duplicate columns 1-8
from the previous card.

Module $\frac{1}{9}$ $\frac{D}{10}$ Format $\frac{0}{11}$ $\frac{1}{12}$

INTERIOR DAMAGE

ID-1

CODES:

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

INDICATE OCCUPANT CONTACT
BY CIRCLING RESPONSE.

SIDES	LEFT	RIGHT	FRONT		INSTRUMENT PANEL	
FRONT DOOR	— 13	— 14	FOOT CONTROLS	— 45	UPPER PANEL	— 55
FRONT HARDWARE	— 15	— 16	IGNITION KEYS	— 46	MID PANEL	— 56
FRONT ARMREST	— 17	— 18	REAR VIEW MIRROR	— 47	LOWER PANEL	— 57
FRONT GLASS	— 19	— 20	SUNVISOR/FITTINGS	— 48	ASHTRAY	— 58
REAR DOOR AREA	— 21	— 22	WINDSHIELD TOP MOLDINGS	— 49	CONTROL KNOBS & LEVERS	— 59
REAR HARDWARE	— 23	— 24	LEFT A-PILLAR (UPPER OR LOWER)	— 50	GLOVE COMPARTMENT AREA	— 60
REAR ARMREST	— 25	— 26	RIGHT A-PILLAR (UPPER OR LOWER)	— 51	INSTRUMENTS	— 61
REAR GLASS	— 27	— 28	CONSOLE	— 52	PARKING BRAKE RELEASE	— 62
ROOF SIDE RAIL	— 29	— 30	TRANSMISSION SELECTOR LEVER	— 53	PARKING BRAKE PEDAL	— 63
B-PILLAR	— 31	— 32	HORN, SPOKE SHROUD	— 54	A/C OR UPPER VENT OUTLETS	— 64
C-PILLAR	— 33	— 34			HEATER OR A/C DUCTS	— 65
D-PILLAR	— 35	— 36			RADIO	— 66
HEADLINING	— 37	— 38			OTHER: * _____ _____	— 67
ROOF STRUCTURE	— 39	— 40				
T-ROOF/SUN ROOF	— 41	— 42				
OTHER: * _____ _____	— 43	— 44				
					REAR	
					BACKLIGHT	— 68
					BACKLIGHT HEADER	— 69

* MORE THAN ONE ITEM MAY BE NOTED.

Duplicate columns 1-8
from the previous card.

Module S T Format 0 2
9 10 11 12

SEATS ST-1

FRONT SEAT	DRIVER	PASSENGER	FRONT SEAT-BACK (CONT.)	DRIVER	PASSENGER
TYPE OF FRONT SEAT (00) NO SEAT (01) STANDARD BENCH (02) SPLIT BACK, 50-50 (03) SPLIT BACK, DRIVER WIDE (04) SPLIT BACK, PASS. WIDE (05) BUCKET (06) CAPTAIN'S CHAIR (07) INDIV. BENCH, 50-50 (08) INDIV. BENCH, DRIVER WIDE (09) INDIV. BENCH, PASS. WIDE (97) OTHER: _____ (99) UNKNOWN	13	14	SEAT-BACK TYPE (1) FORWARD FOLDING (2) RIGID (3) RECLINING (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	30	31
TYPE OF SEAT MOUNT (1) STANDARD (2) PEDESTAL (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	17	18	SEAT-BACK LOCK TYPE (0) NONE (1) MANUAL (2) INERTIA (3) POWER (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	32	33
SWIVEL MECHANISM EQUIPPED (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	19	20	LOCKS HELD (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	34	35
ORIGINAL EQUIPMENT SEATS (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	21	22	RECLINER MECHANISM HELD (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	36	37
CONTACT OF SEAT BY REAR OCCUPANT (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	23	24	HEAD RESTRAINT HEAD RESTRAINT TYPE (0) NONE (1) ADJUSTABLE (2) INTEGRAL (3) NOT INTEGRAL, BUT CANNOT BE REMOVED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	38	39
FRONT SEAT DAMAGE (0) NONE (1) BACKREST ONLY DAMAGED (2) CUSHION ONLY DAMAGED (3) BACKREST & CUSHION DAMAGED (8) NOT APPLICABLE (9) UNKNOWN	25	26			
CENTER ARMREST DAMAGED (0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (NO CENTER ARMREST) (9) UNKNOWN IF EQUIPPED	27		REMOVED PRE-CRASH (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	40	41
FRONT SEAT-BACK OBVIOUS SEAT-BACK ROTATION (0) NONE APPARENT (1) FORWARD APPARENT (2) REARWARD APPARENT (8) NOT APPLICABLE (9) UNKNOWN	28	29	ADJUSTMENT AT CRASH (1) UP (2) DOWN (8) NOT APPLICABLE (9) UNKNOWN	42	43
			HEAD RESTRAINT DAMAGE (0) NONE (1) DAMAGED BUT NOT SEPARATED (2) SEPARATED (8) NOT APPLICABLE (9) UNKNOWN	44	45

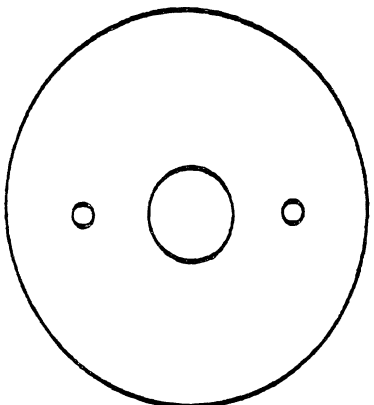
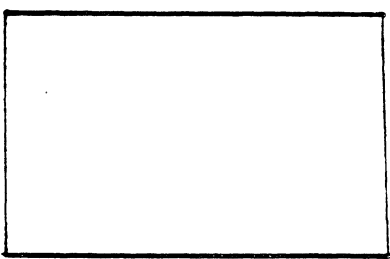
FRONT SEAT ADJUSTMENT		DRIVER	PASSENR	SECOND SEAT (CONT.)	
SEAT ADJUSTMENT TYPE				CENTER ARMREST DAMAGED	
(0) NONE (RIGID)				(0) NO	
(1) MANUAL		—	—	(1) YES	
(2) POWER		48	47	(7) EQUIPPED, DAMAGE UNKNOWN	
(7) OTHER: _____				(8) NOT APPLICABLE (NO CENTER ARMREST)	
(8) NOT APPLICABLE (NO SEAT)				(9) UNKNOWN IF EQUIPPED	
(9) UNKNOWN					80
ADJUSTMENT PROVIDED				SECOND SEAT-BACK LOCKS	
(1) 2-WAY		—	—	LEFT	
(2) 4-WAY		48	49	RIGHT	
(3) 6-WAY				FOR THE FOLLOWING, USE:	
(7) OTHER: _____				(0) NO	
(8) NOT APPLICABLE				(1) YES	
(9) UNKNOWN				(8) NOT APPLICABLE	
SEAT ADJUSTER DAMAGE				(9) UNKNOWN	
(0) NONE				LEFT OR CENTER, EQUIPPED	
(1) CHUCKING (FREE PLAY)		—	—	81	82
(2) DEFORMED (RELEASED/JAMMED)		50	51	LEFT OR CENTER, HELD	
(3) SEPARATED				83	84
(7) OTHER: _____				(3) SEAT FOLDED DOWN	
(8) NOT APPLICABLE				RIGHT, EQUIPPED	
(9) UNKNOWN				85	86
SEAT ADJUSTER SEPARATION				RIGHT, HELD	
(0) NONE				87	88
(1) SEPARATED AT FLOOR				(3) SEAT FOLDED DOWN	
(2) SEPARATION OF ADJUSTER		—	—		
(3) SEPARATED AT SEAT		52	53	THIRD SEAT	
(8) NOT APPLICABLE				EQUIPPED	
(9) UNKNOWN				89	90
PRE-CRASH POSITION				BACKREST DAMAGED	
(1) FORWARD		—	—	71	72
(2) MIDDLE		54	55	CUSHION DAMAGED	
(3) REARWARD				73	74
(8) NOT APPLICABLE				VEHICLE EQUIPPED WITH REAR HEAD RESTRAINTS	
(9) UNKNOWN				(0) NOT EQUIPPED (OR REMOVED)	
SECOND SEAT				(1) EQUIPPED	
TYPE OF SECOND SEAT				(2) EQUIPPED & DAMAGE	
(0) NONE				(9) UNKNOWN	
(1) NON-FOLDING		—	—	75	
(2) FOLDING		58	57	Applies to any rear-seat position	
(3) CAPTAIN'S CHAIR					
(4) JUMP SEAT					
(9) UNKNOWN					
SECOND SEAT DAMAGE					
(0) NONE					
(1) BACKREST ONLY (DAMAGED OR LOOSENED)		—	—		
(2) CUSHION ONLY (DAMAGED OR LOOSENED)		58	59		
(3) BACKREST & CUSHION (DAMAGED OR LOOSENED)					
(8) NOT APPLICABLE					
(9) UNKNOWN					
SECOND SEAT					
TYPE OF SECOND SEAT					
(0) NONE					
(1) NON-FOLDING		—	—		
(2) FOLDING		58	57		
(3) CAPTAIN'S CHAIR					
(4) JUMP SEAT					
(9) UNKNOWN					
SECOND SEAT DAMAGE					
(0) NONE					
(1) BACKREST ONLY (DAMAGED OR LOOSENED)		—	—		
(2) CUSHION ONLY (DAMAGED OR LOOSENED)		58	59		
(3) BACKREST & CUSHION (DAMAGED OR LOOSENED)					
(8) NOT APPLICABLE					
(9) UNKNOWN					

<p style="text-align: center;">DRIVER SIDE</p> <p>LOCATION OF AIRBAG STEERING WHEEL</p> <p>EQUIPPED</p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p>13</p> <p>14</p>	<p style="text-align: center;">PASSENGER SIDE</p> <p>LOCATION OF AIRBAG INSTRUMENT PANEL (GLOVE BOX)</p> <p>EQUIPPED</p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p>16</p> <p>17</p>
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<p>CONDITION OF AIRBAG STEERING WHEEL</p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>	<p>15</p>	<p>CONDITION OF AIRBAG INSTRUMENT PANEL (GLOVE BOX)</p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>	<p>18</p>
--	-----------	--	-----------

<p>AIRBAG NUMBER:</p>	<p>AIRBAG NUMBER:</p>
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**NOTE AND DESCRIBE ANY AIRBAG
CONTACT OR DAMAGE ON DIAGRAM
BELOW:**

	
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NOTE TO THE INVESTIGATOR:

THE FOLLOWING TWO SECTIONS,
OCCUPANT INFORMATION AND INJURY CLASSIFICATION,
ARE TO BE FILLED IN
FOR EACH CASE VEHICLE OCCUPANT,
WHETHER INJURED OR NOT.

IF THERE IS MORE THAN ONE OCCUPANT,
USE ADDITIONAL COPIES
OF PAGES OC-1, OC-2, OC-3,
AND IC-2 TO DESCRIBE THEM
AND ATTACH THE COPIES TO THIS REPORT.

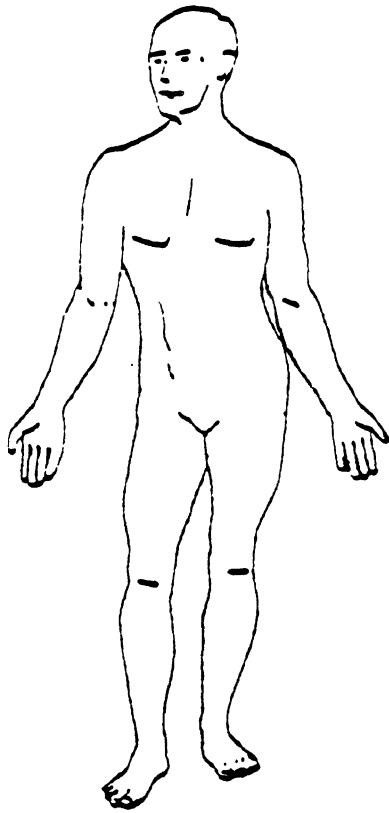
Duplicate columns 1-8 from the previous card. Module 0 9 C 10 Format 0 2 11 12

OCCUPANT INFORMATION OC-1

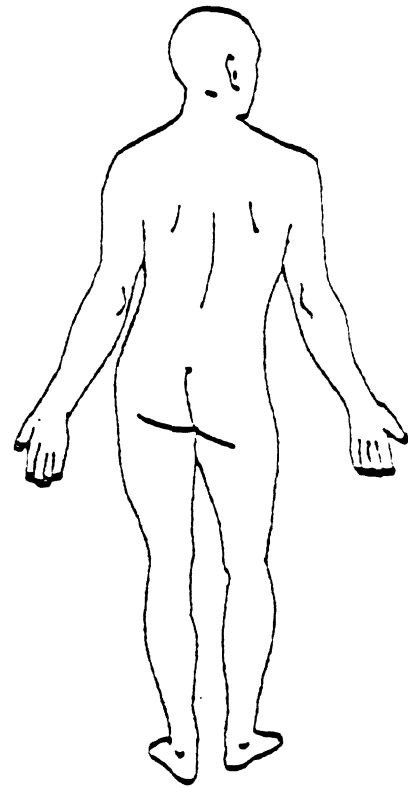
<p>OCCUPANT IDENTIFICATION</p> <p>OCCUPANT NUMBER _____ 13 14</p> <p>ROLE OF OCCUPANT AT 1ST IMPACT</p> <p>(1) MOTOR VEHICLE DRIVER (2) MOTOR VEHICLE PASSENGER (NOT DRIVER) (9) UNKNOWN _____ 15</p>		<p>PHYSICAL DESCRIPTION</p> <p>AGE IN YEARS (00) LESS THAN 1 YEAR (98) 98 YEARS OR OLDER (99) UNKNOWN _____ 20 21</p> <p>AGE IN MONTHS (00) LESS THAN 1 MONTH (25) 25 MONTHS OR OLDER (99) UNKNOWN _____ 22 23</p> <p>MASS (kg) (999) UNKNOWN _____ 24 25 26</p> <p>HEIGHT (cm) (999) UNKNOWN _____ 27 28 29</p> <p>SEX (1) MALE (2) FEMALE (9) UNKNOWN _____ 30</p>	
<p>OCCUPANT POSITION</p> <p>ROW LOCATION</p> <p>(1) FRONT (2) SECOND (3) THIRD (4) FOURTH (7) OTHER: _____ (8) EXTERNAL TO PASSENGER COMPARTMENT (E.G. BED OF PICKUP) (9) UNKNOWN _____ 16</p> <p>LATERAL LOCATION</p> <p>(1) LEFT (2) LEFT CENTER (3) CENTER (4) RIGHT CENTER (5) RIGHT (6) ALL (LYING ON SEAT) (8) EXTERNAL TO PASSENGER COMPARTMENT (9) UNKNOWN _____ 17</p> <p>POSTURE</p> <p>(10) SITTING ON SEAT (11) SITTING ON SEAT IN ABNORMAL POSITION (E.G. FEET ON DASH, SIDEWAYS) (12) SITTING ON CONSOLE (20) ON LAP OR IN ARMS (30) STANDING ON SEAT (40) STANDING ON FLOOR (47) STANDING, EXTERNAL TO PASSENGER COMPARTMENT (50) IN BASSINET (60) IN CHILD SEAT (65) IN CHILD HARNESS (70) LYING ON SEAT (80) LYING/SITTING ON PASSENGER FLOOR (83) LYING/SITTING ON OTHER OBJECT IN PASSENGER COMPARTMENT: _____ (85) ON CARGO FLOOR/FOLDED SEAT-BACK (87) LYING/SITTING, EXTERNAL TO PASSENGER COMPARTMENT (97) OTHER: _____ (99) UNKNOWN _____ 18 19</p>		<p>MEDICAL CONDITIONS</p> <p>TREATMENT/MORTALITY (00) NONE (01) FIRST AID AT SCENE (02) TREATED AT HOSPITAL/CLINIC BUT NOT ADMITTED (03) HOSPITALIZED FOR OBSERVATION LESS THAN 24 HOURS (04) HOSPITALIZED OVER 24 HOURS OR FOR SIGNIFICANT TREATMENT (05) FATAL, DEAD AT SCENE (06) FATAL, DOA (07) FATAL, DEAD WITHIN 24 HOURS (08) FATAL, DEAD 24 HOURS TO 31 DAYS LATER (09) FATAL, DEAD 31 DAYS TO 1 YEAR LATER (10) FATAL DEAD WITHIN UNKNOWN PERIOD (99) UNKNOWN _____ 31 32</p> <p>INJURY SEVERITY SCORE (ISS) (99) UNKNOWN _____ 33 34</p> <p>NON-IMPACT MED. CONDITIONS (0) NONE (1) YES, TIME & TYPE UNKNOWN (2) PRE-CRASH FATAL (CLINICAL DEATH AT WHEEL) (3) PRE-CRASH NON-FATAL (E.G. PRIOR INJURY, STROKE) (4) PREGNANT (5) POST-CRASH FATAL (DROWNING) (6) POST-CRASH NON-FATAL INJURY (7) OTHER: _____ (8) COMBINATION OF ABOVE (CIRCLE EACH) (9) UNKNOWN _____ 35</p>	

<p>MEDICAL CONDITIONS (CONT.)</p> <p>POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT</p> <p>(0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO IMPACT (7) NON-FATAL INJURY, SEVERITY UNKNOWN (9) UNKNOWN</p>	<p>36</p>	<p>CHILD SEAT TYPE</p> <p>(00) NONE USED (01) YES, USED (88) NOT APPLICABLE (ADULT OR OLDER CHILD) (99) UNKNOWN</p> <p>CHILD SEAT MAKE/MODEL</p> <p>_____</p> <p>_____</p>	<p>41 42</p>
<p>RESTRAINT SYSTEM</p> <p>ACTIVE RESTRAINT SYSTEM</p> <p>(0) NONE (1) LAP BELT (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (9) UNKNOWN</p> <p>ACTIVE RESTRAINT SYSTEM USAGE</p> <p>(0) NONE (AVAILABLE BUT NOT USED) (1) LAP BELT ONLY (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (7) IMPROPER USAGE (8) NOT APPLICABLE (NONE AVAILABLE) (9) UNKNOWN</p> <p>PASSIVE RESTRAINT SYSTEM</p> <p>(0) NONE (1) AIR BAG INSTALLED (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS (4) PASSIVE LAP & UPPER TORSO (7) OTHER: _____ (9) UNKNOWN</p> <p>PASSIVE RESTRAINT SYSTEM USAGE</p> <p>(0) SYSTEM DEFEATED (1) AIR BAG NOT DEPLOYED (2) AIR BAG DEPLOYED (3) AIR BAG NOT REINSTALLED (4) PASSIVE UPPER TORSO USED (5) PASSIVE LAP & UPPER TORSO USED (6) SYSTEM USED IN MANUAL MODE (7) IMPROPER USAGE (8) NOT APPLICABLE (NOT ORIGINALLY EQUIPPED) (9) UNKNOWN</p>	<p>37</p> <p>38</p> <p>39</p> <p>40</p>	<p>EJECTION</p> <p>DEGREE OF EJECTION</p> <p>(0) NONE (1) PARTIAL (2) COMPLETE (7) EJECTED, DEGREE UNKNOWN (9) UNKNOWN IF EJECTED</p> <p>AREA OF EJECTION</p> <p>(01) WINDOW, LEFT SIDE (02) WINDOW, RIGHT SIDE (03) WINDOW, REAR (04) DOOR, LEFT SIDE (05) DOOR, RIGHT SIDE (06) DOOR, REAR OR TAILGATE (07) WINDSHIELD (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA (96) EJECTED AREA UNKNOWN (97) OTHER AREA: _____ (98) NOT APPLICABLE (NOT EJECTED) (99) UNKNOWN IF EJECTED</p>	<p>43</p> <p>44 45</p>
		<p>IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW:</p> <p>_____</p> <p>_____</p> <p>_____</p>	
		<p>HEAD RESTRAINT</p> <p>HEAD RESTRAINT AVAILABLE FOR THIS POSITION</p> <p>(0) NOT EQUIPPED OR REMOVED (1) EQUIPPED (9) UNKNOWN</p>	<p>46</p>

INDICATE LOCATION OF INJURIES, INCLUDING MAJOR BRUISES.

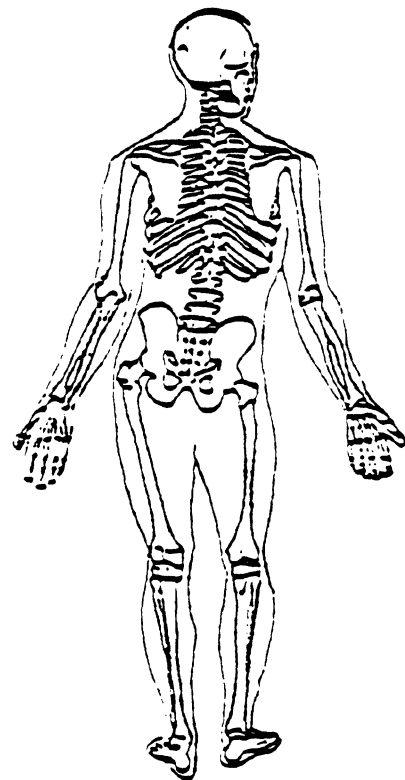
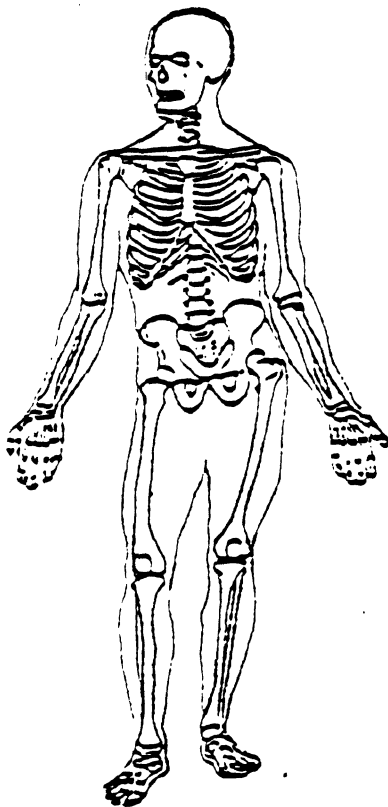


RIGHT



LEFT

RIGHT



CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (*SPECIFIC AREA UNKNOWN*)
- (54) UPPER INSTRUMENT PANEL (*X*)
- (55) MIDDLE INSTRUMENT PANEL (*Y*)
- (56) LOWER INSTRUMENT PANEL (*Z*)
- (81) ASH TRAY (*INSTRUMENT PANEL*)
- (02) GLOVE COMPARTMENT AREA
- (47) AIR BAG (*ACRS*) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (09) STEERING ASSEMBLY (*SPECIFIC AREA UNKNOWN*)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (*SPECIFIC AREA UNKNOWN*)
- (82) INSTRUMENT (*S*)
- (83) CONTROL KNOB(S) & LEVER(S) (*FRONT*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (*BUILT IN*)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)

INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (*LOCATION UNK.*)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (*LOCATION UNKNOWN*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (*AIR BAG*)
- (47) AIR BAG COMPARTMENT DOOR/COVER
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (*FROM ANY SOURCE*)
- (41) UNKNOWN INTERIOR SURFACE

SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (*SIDE*)
- (21) WINDOW FRAMES (*SIDE*)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

REAR

- (88) SURFACE OF REAR INTERIOR
- (23) BACKLIGHT (*REAR WINDOW*)
- (39) BACKLIGHT HEADER
- (50) REAR SEAT CUSHION & BACK

ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (*SPECIFIC AREA UNKNOWN*)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (*SPECIFIC AREA UNK.*)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (*NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.*)

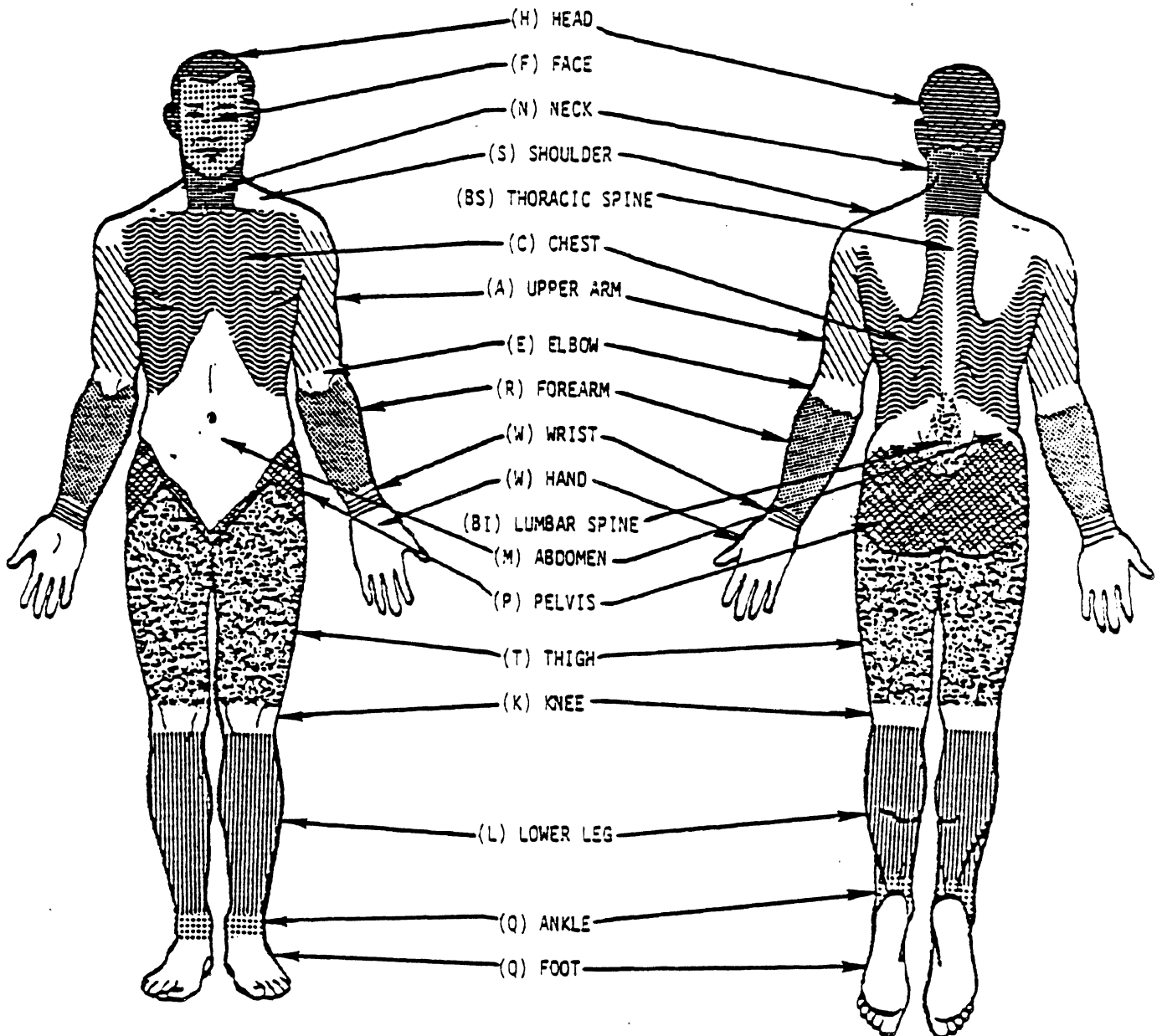
PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (*DESCRIBE*)

MISCELLANEOUS

- (00) NO CONTACT (*INVALID FIELD FORM CODE*)
- (38) OTHER (*E.G. FIRE. DESCRIBE*)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

THE FIGURE BELOW
IS AN EXPLANATION OF THE BODY REGION CODES
LISTED ON PAGE IC - 4.



CODES FOR OCCUPANT INJURY CLASSIFICATION (OIC)

1 BODY REGION

- (H) HEAD/SKULL
- (F) FACE
- (N) NECK
- (S) SHOULDER
- (X) UPPER EXTREMITIES
 - (A) ARM (UPPER)
 - (E) ELBOW
 - (R) FOREARM
 - (W) WRIST/HAND
- (C) CHEST
- (M) ABDOMEN
- (B) BACK
- (P) PELVIC/HIP
- (Y) LOWER EXTREMITIES
 - (T) THIGH
 - (K) KNEE
 - (L) LEG (LOWER)
 - (Q) ANKLE/FOOT
- (O) WHOLE BODY
- (U) UNKNOWN

3 LESION

- (L) LACERATION
- (C) CONTUSION
- (A) ABRASION
- (F) FRACTURE
- (P) PERFORATION, PUNCTURE
- (K) CONCUSSION
- (V) AVULSION
- (R) RUPTURE
- (S) SPRAIN
- (D) DISLOCATION
- (N) CRUSH
- (M) AMPUTATION
- (B) BURN
- (G) DETACHMENT, SEPARATION
- (Z) FRACTURE AND DISLOCATION
- (T) STRAIN
- (E) TOTAL SEVERANCE, TRANSECTION
- (O) OTHER
- (U) UNKNOWN

4 SYSTEM/ORGAN

- (S) SKELETAL
- (V) VERTEBRAE
- (J) JOINTS
- (D) DIGESTIVE
- (L) LIVER
- (N) NERVOUS SYSTEM
- (B) BRAIN
- (C) SPINAL CORD
- (E) EARS
- (O) EYES
- (A) ARTERIES
- (H) HEART
- (Q) SPLEEN
- (G) UROGENITAL
- (K) KIDNEYS
- (R) RESPIRATORY
- (P) PULMONARY/LUNGS
- (M) MUSCLES
- (T) THYROID, OTHER ENDOCRINE GLAND
- (I) INTEGUMENTARY (SKIN)
- (W) ALL SYSTEMS IN REGION
- (U) UNKNOWN

2 ASPECT

- (R) RIGHT
- (L) LEFT
- (B) BILATERAL
- (C) CENTRAL
- (A) ANTERIOR/FRONT
- (P) POSTERIOR/BACK
- (S) SUPERIOR/UPPER
- (I) INFERIOR/LOWER
- (W) WHOLE REGION
- (U) UNKNOWN

	BODY REGION	ASPECT	LESION	SYSTEM/ORGAN	SEVERITY
	1	2	3	4	5

5

SEVERITY
(OR "AIS", ABBREVIATED INJURY SCALE)

- (0) NONE
- (1) MINOR
- (2) MODERATE
- (3) SERIOUS
- (4) SEVERE
- (5) CRITICAL
- (6) MAXIMUM
- (9) UNKNOWN

