

ADELAIDE IN-DEPTH ACCIDENT STUDY

1975-1979

PART 10: DATA AND DATA CODES

**Sponsored by
The Office of Road Safety,
Commonwealth Department of Transport
and the Australian Road Research Board.**

THE UNIVERSITY OF ADELAIDE

ADELAIDE, 1979

INFORMATION RETRIEVAL

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ABSTRACT : This report contains the coded data collected during an in-depth study of road accidents to which an ambulance was called in the metropolitan area of Adelaide, South Australia, along with a list of the codes used to classify the data. The coded data is in the form of microfiche attached to the report. A representative 8% sample, comprising 304 accidents, was investigated in the 12 month period commencing 23rd March 1976.

*Non IRRD Keywords

The views expressed in this publication are those of the authors and do not necessarily represent those of the University of Adelaide, the Commonwealth Government or the Australian Road Research Board.

FOREWORD

This study was conducted by the Road Accident Research Unit of the University of Adelaide and was jointly sponsored by the Office of Road Safety, Commonwealth Department of Transport and the Australian Road Research Board.

The general aims were to evaluate the effectiveness of many existing safety measures and to identify other factors related to accident or injury causation in road accidents in metropolitan Adelaide. The areas studied included characteristics of road users, the vehicles and the road and traffic environment.

To achieve these aims a representative sample of all road accidents to which an ambulance was called in the Adelaide metropolitan area was studied in the 12 months from March 1976. Two teams, each comprising a medical officer, an engineer and a psychologist attended 304 randomly selected accidents and collected medical, engineering, and sociological data.

The findings are presented in a series of reports, each covering a specific topic. Part I provides an overview, and is followed by reports dealing with pedestrians, pedal cyclists, motorcyclists, commercial vehicles, passenger cars and road and traffic factors. The final report in the series provides a summary of the findings and recommendations.

Basic data from the study are held on computer by both the Road Accident Research Unit, University of Adelaide and the Australian Road Research Board. Access to these data can be arranged for bona fide research workers on application to the Australian Road Research Board. Further copies of this report and copies of other reports in the series are available from the Office of Road Safety, Commonwealth Department of Transport.

ACKNOWLEDGEMENTS

The collection of data at the scene of the accident and in the follow-up investigations was performed by:

H.S. Aust and C.T. Hall (Engineers)

N.D. Brewer and B.L. Sandow (Psychologists)

J.R. Lipert and P.J. Tamblyn (Medical Officers)

The completion of this study was due mainly to the willingness of these team members to work exceptionally long hours under difficult and often hazardous conditions.

Much of the road and traffic data was collected by W.J. Offler, who also attended the scenes of the accidents during the final three months.

The recorded information was processed by the above personnel, assisted by J.K. Darwin, G.M. Haymes, O.T. Holubowycz and C.A. Latta.

The Steering Committee for the study provided valuable assistance and advice. Its members were: Professor R.E. Luxton (Chairman), Professors: I.D. John, R.B. Potts, J.S. Robertson, A.T. Welford, Drs: B.L. Cornish (representing the Director-General of Medical Services), I.R. Johnston (DOT), J.B. Metcalf (ARRB), G. Sved, A.P. Vulcan (DOT), and Messrs. J.F.M. Bryant (ARRB), R. Culver, H.E. Roeger (later R.W. Scriven and then M. Knight) (representing the Commissioner for Highways), R. Ungers (DOT) and F.E. Yeend (DOT). The first Chairman was the late Professor N.T. Flentje.

The St. John Ambulance Transport Division played an essential role in the conduct of this study by notifying the Road Accident Research Unit when an ambulance was called to attend a road accident. The South Australian Highways Department, the Road Traffic Board, and the Police Department co-operated in many ways in the execution of this study, as did the Hospitals Department. The proprietors and operators of towing services and crash repair shops facilitated inspections of the damaged vehicles.

The sponsorship and advice of the Office of Road Safety of the Commonwealth Department of Transport and the Australian Road Research Board are gratefully acknowledged.

B.R. Lancashire of the Office of Road Safety of the Commonwealth Department of Transport undertook the listing of coded data which appears on microfiche attached to this volume.

The final acknowledgement is due to the persons who were involved in the accidents studied and who co-operated freely with the members of the research teams.

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1. INTRODUCTION

A sample of road accidents to which an ambulance was called in the Adelaide metropolitan area was investigated at the scene by multi-disciplinary teams from the Road Accident Research Unit of the University of Adelaide. This survey, which ran for twelve months from 23 March 1976, was sponsored by the Office of Road Safety of the Commonwealth Department of Transport and the Australian Road Research Board. Each accident was studied by an engineer, a psychologist and a medical officer. Their observations at the scene started an average of ten minutes after the ambulance was called and were supplemented by further investigations including interviews with the drivers and other active participants (pedestrians and cyclists), detailed observation of traffic behaviour at the accident site and examination of the injured persons in hospital and of the vehicles in towing service depots and elsewhere.

An eight per cent sample, totalling 304 accidents, was obtained of all road accidents as defined above. The sample was representative of this accident population by time of day and day of week. The purpose of this survey, the sampling technique and the method of investigation are described in detail in another report in this series together with a review of the types of accidents investigated and an outline of the general conclusions. This report contains a list of the codes used to classify the data collected during this study. Seven data codes were developed and these are described in the following section. The data was collected on field coding forms and transferred to computer using the codes listed in this report.

This report also contains diagrams of the traffic unit movement codes used and an explanation of the Modified Vehicle Damage Index (McLean, 1975).

The coded data is presented in the form of microfiche attached to this report.

2. DESCRIPTION OF THE CODES

Seven data codes were developed in the course of this study:

1. General Accident Record
2. Road and Traffic Code
3. Car/Car-Derivative Code
4. Crash Injury Code
5. Active Participant Code
6. Motorcycle Data Code
7. Truck, Bus & Multi-purpose Passenger
Car Data Code

The purpose of each code is noted in the following brief descriptions.

General Accident Record

This code is on an accident basis, meaning that there is one record per accident. It includes information relating to the type of accident, the time at which it occurred, and lighting and weather conditions. A list of the items in this code follows this introduction. It is included here, together with the complete code, as an aid to the reader who is not familiar with the contents of these codes. Similar lists follow for the other codes.

Road and Traffic Code

This code is also on an accident basis, and is intended for use primarily as a means of identifying the cases in which certain road and traffic features were relevant to either the causation or the consequences of the accident rather than as a means of recording the presence of such factors regardless of whether or not they were relevant in that particular case. The road layout and the movements of the vehicles are shown in scale plans in a companion volume to this one.

Car and Car-Derivative Code

Each car or passenger car-derivative is described in one of these records, and so there is usually more than one such code listing per accident. It contains information on the specifications of the car and its condition and the nature of any collision damage.

Crash Injury Code

As the heading indicates, this code is used to describe the characteristics of the injuries sustained, if any, by each person who was involved in the accident. Some basic descriptors of each participant, such as age, sex,

height and weight are also included, and availability and usage of safety equipment such as seat belts. The injury coding system is based on that developed by Marsh at the Highway Safety Research Institute of The University of Michigan. There is one crash injury record for each person.

Active Participant Code

The term 'active participant' is used to indicate a participant in the accident who was in control of a vehicle or who was a pedestrian. It contains information on the person's physiological and psychological condition together with a record of their driving or riding experience and factors which may have been related to their accident involvement. There is one record for each active participant in the accident.

Truck, Bus & Multi-purpose Passenger Car Data Code

This code is analogous to the Car and Car-Derivative code. The types of vehicles which are described in this code are indicated in only a very general sense by the title 'Truck', as it is intended for use with a wide range of vehicles other than passenger cars; from multi-purpose passenger vehicles such as the Mini Moke or Volkswagen through to heavy trucks, semi-trailers and metropolitan transit buses.

Motorcycle Data Code

As with the Truck code, the Motor Cycle Data code is similar in function to the Car code.

Data Listings

Following the section containing the detailed copies of the codes there is a complete listing of the data on microfiche.

Traffic Unit Movement Code

The code for traffic unit movements is in three sections:

Pedestrian accidents: 001 to 028

Pedal cycle accidents: 031 to 065

and Accidents not involving a pedestrian or cyclist: 101 to 151.

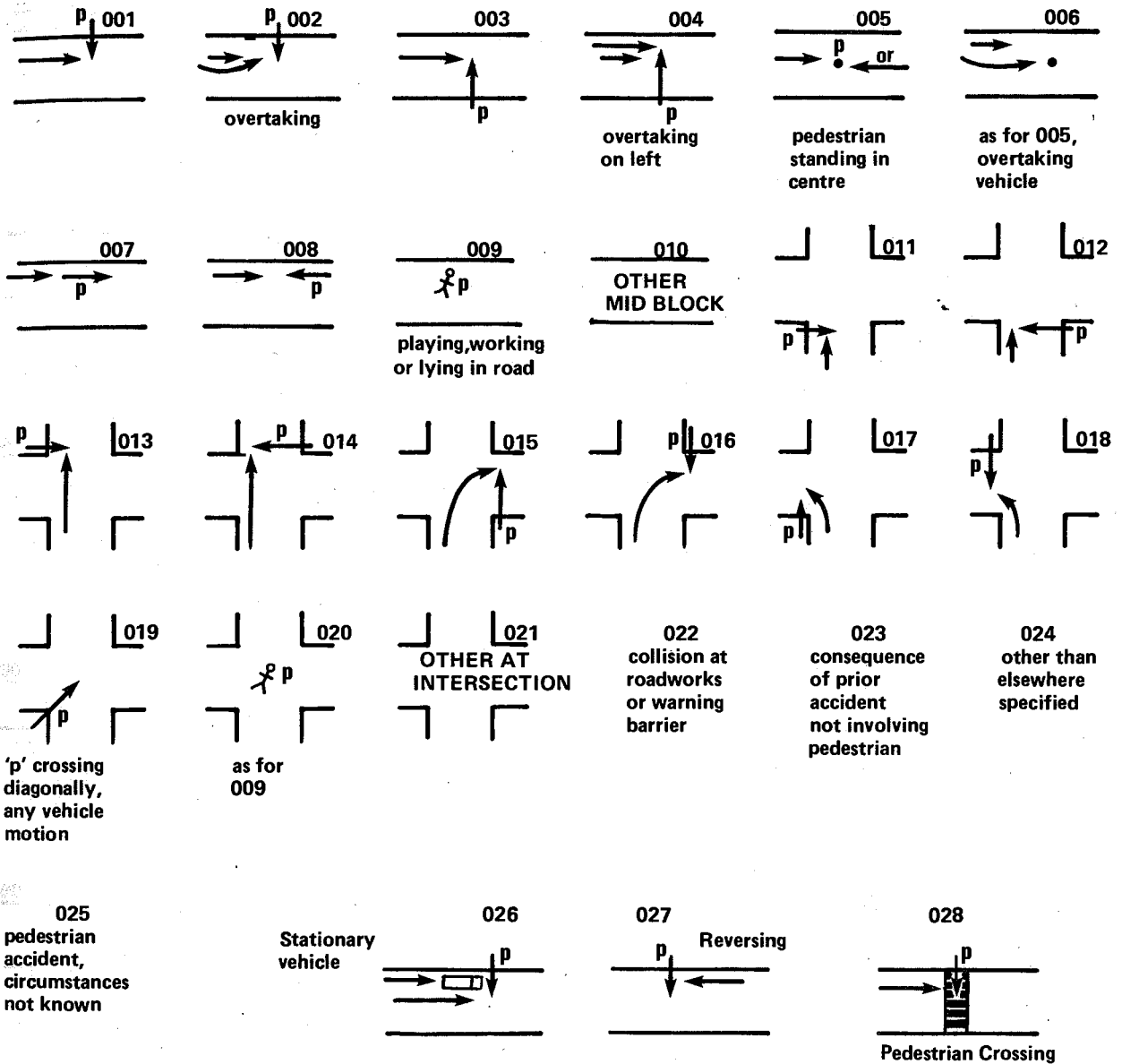
The diagrams on the following four pages illustrate the traffic unit movements and show the associated code number.

Provision has been made for vehicle-specific coding of these traffic unit movements. Where the movement relates to a collision between two vehicles, the diagram shows the movement of one vehicle as an arrow with a dot on the end. If this corresponds to the vehicle for which the movement is being coded, then add 100 to the general traffic unit movement code. If not, add 200 to get the appropriate vehicle specific code.

TRAFFIC UNIT MOVEMENT CODE

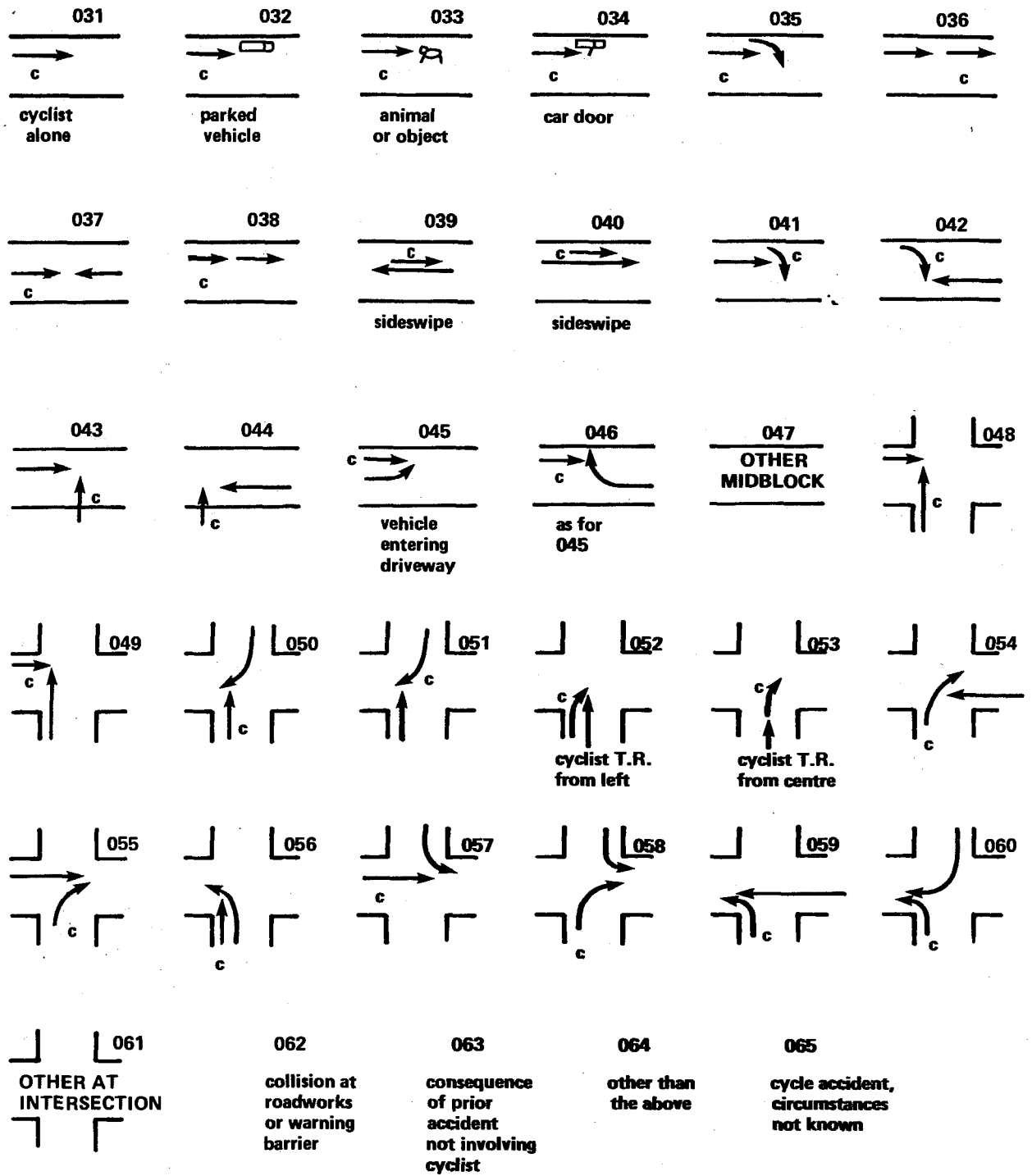
PEDESTRIAN ACCIDENTS

(pedestrian indicated by 'p')

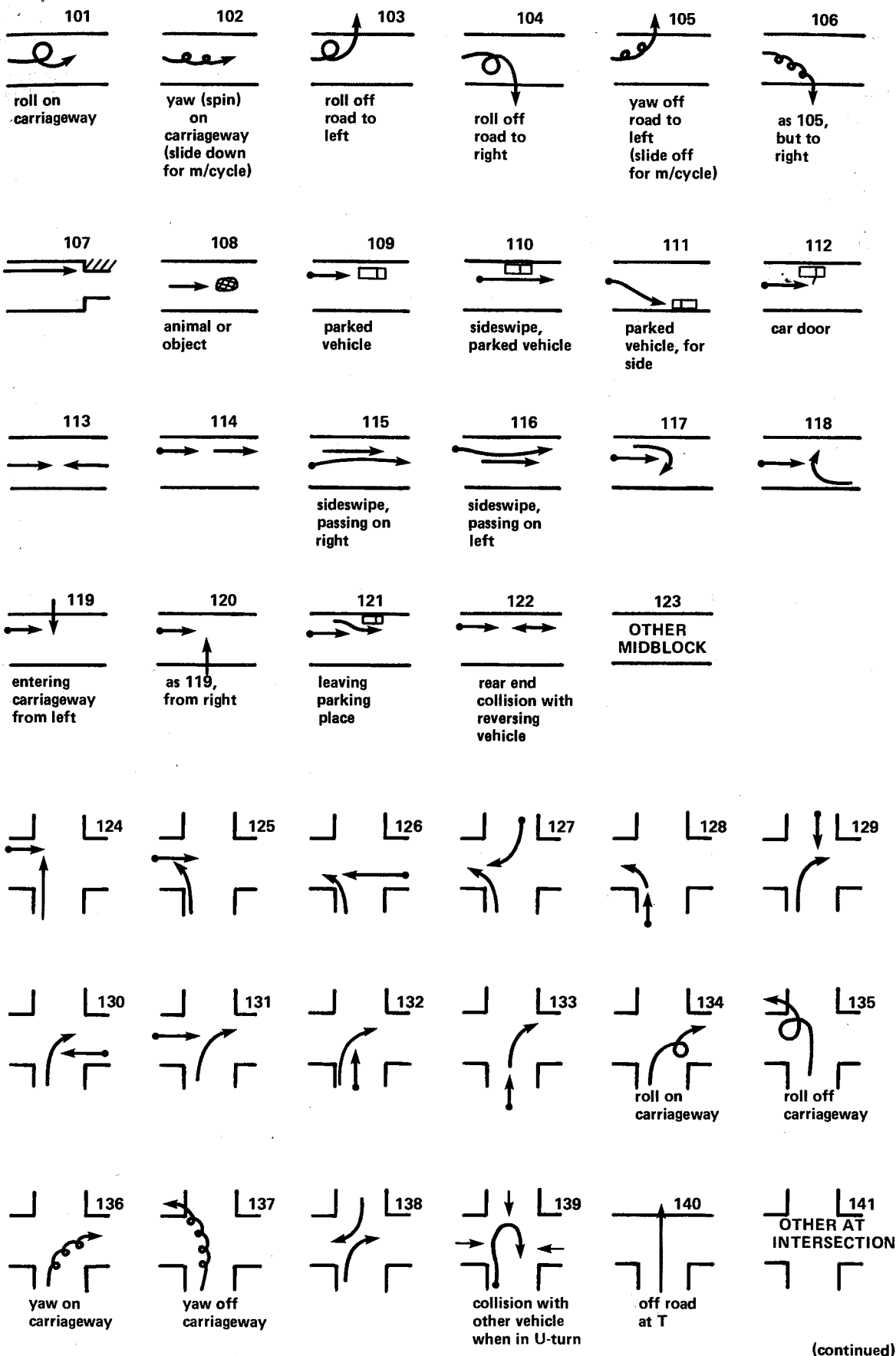


PEDAL CYCLE ACCIDENTS

(pedal cycle indicated by 'c')



ACCIDENTS NOT INVOLVING A PEDESTRIAN OR CYCLIST



(continued)

ACCIDENTS NOT INVOLVING A PEDESTRIAN OR CYCLIST (continued)

142
collision with
tram

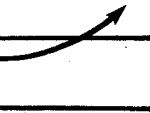
143
collision at
road works or
warning barrier

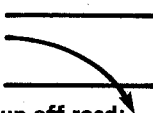
144
fell from
vehicle
(not motorcycle)

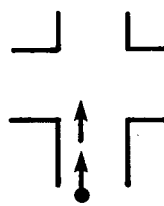
145
consequence
of prior
accident

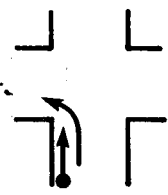
146
not elsewhere
specified

147
circumstances
not known

148

run off road:
to left

149

run off road:
to right

150


151


3. MODIFIED VEHICLE DAMAGE INDEX

A vehicle damage rating scale has been used which is based on the Vehicle Deformation Index, but which differs from it in several respects. Wherever possible, these differences have been defined in such a way as to make possible a direct conversion to a VDI rating. In some instances, however, there are features of the new scale which are not compatible with the VDI. These changes have been made, or new features introduced, to remove deficiencies in the original scale. The new method of assessing the extent of the deformation is one which should be at least as easy to apply as the VDI method and yet permit the recording of more-detailed information.

The new scale is illustrated in Figures 1 through 6, which follow the general format of the VDI. Figure 1 shows the code for recording the direction of the deformation. It differs from the VDI in that rollover cases can be described in greater detail, otherwise the conventions are the same.

Figure 1 defines the general location of the impact using the VDI criteria, but with the addition of separate code letters for impacts on the top of the bonnet and the top of the boot.

Coding for the next (fourth) column of this damage rating is illustrated in Figures 2, 3 and 4. The first of these figures simply repeats the VDI coding of impacts on the front or back of a car. Figure 3 extends the VDI categories for locating damage to the side of a car to enable the differentiation of damage to front and rear doors. Figure 4 provides a much more detailed categorisation of the damage to the top of a car than is possible with the VDI.

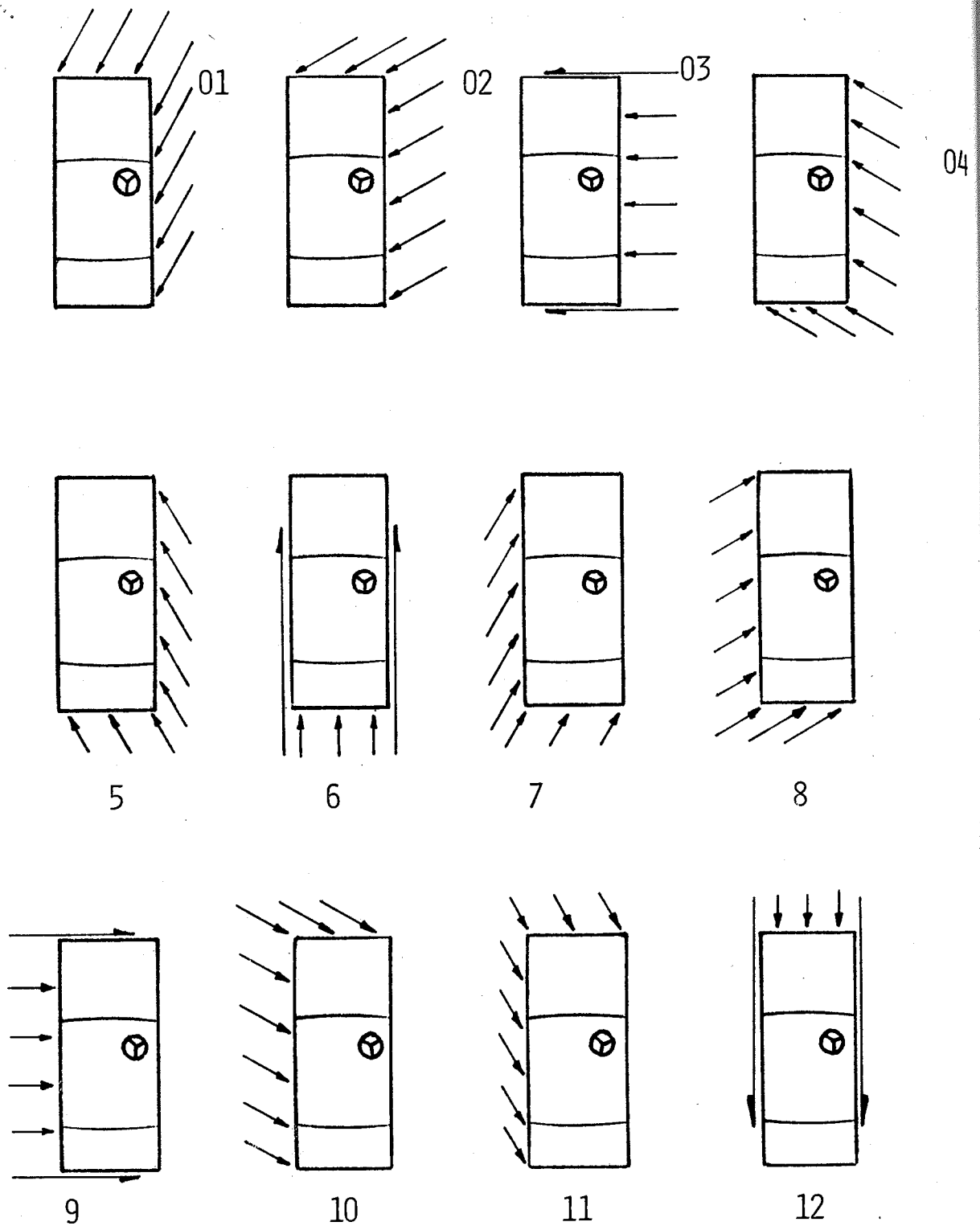
The vertical location of the damage is coded using the criteria illustrated in Figure 5. This code occupies column 5 of the damage rating. It is the same as the corresponding VDI rating except for the introduction of categories G, J and K, which are intended for use in under-ride types of impacts. With categories G and J, the most significant damage is to the glass area of the passenger compartment (be it front, back or side) and the extent of deformation should be measured from the base of the undeformed glass area.

The nature of the deformation is coded in column 6, according to the definitions listed in Figure 6. These differ in some respects from the VDI definitions.

The extent of the deformation is measured to the nearest centimetre, and coded accordingly, up to a maximum of 998 cm, with 999 indicating that the deformation extent is unknown. The measurement of the deformation is made in the direction appropriate to the location of the damage, which is not necessarily the same as the direction of the deformation.

For trucks or forward control vans, use the conventional VDI (see page 17).

Direction of Deformation



Rollover: Roll to right: code 13
 Roll to left: code 14
 Roll to front: code 15
 Roll; direction unclassified: code 16

Figure 1

General Location of Deformation

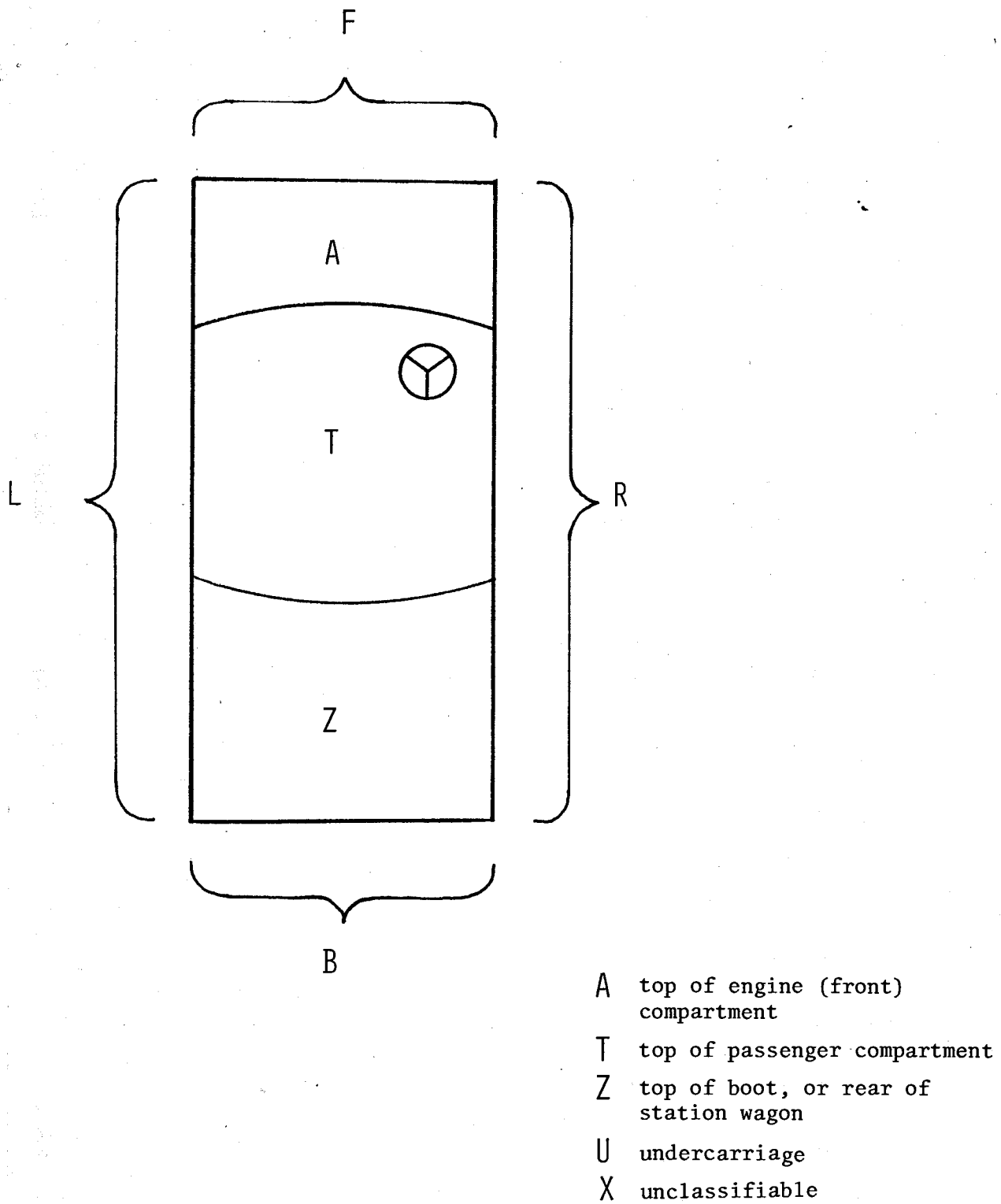
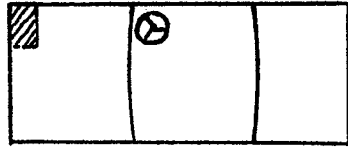


Figure 2

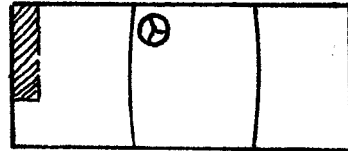
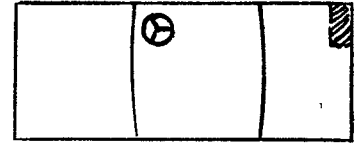
Column 4

(1) Horizontal Location of Deformation

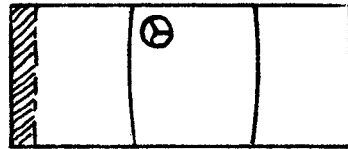
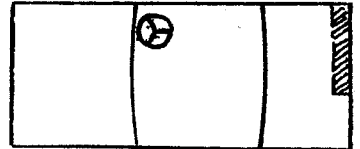
Front or Back only (Column 3 coded F or B)



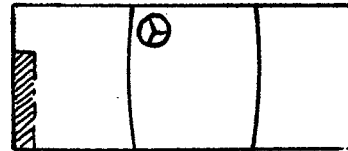
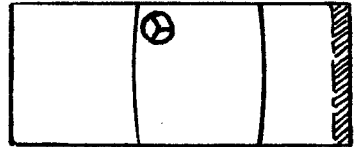
R



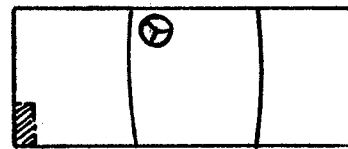
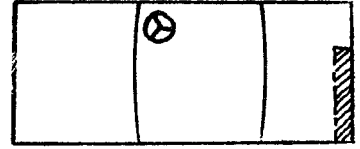
Z



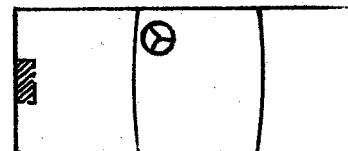
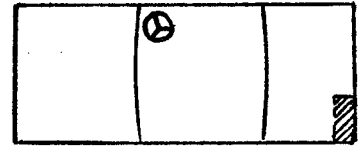
D



Y



L



C

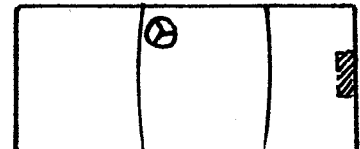


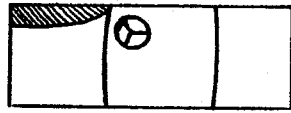
Figure 3

Column 4

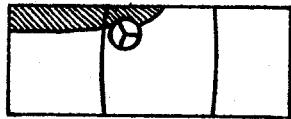
(2) Horizontal Location of Damage

Side only (Col. 3 coded L or R)

Note: Code 2 door cars similarly, treating side of passenger compartment behind door as a back door for this purpose.

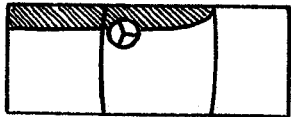


F



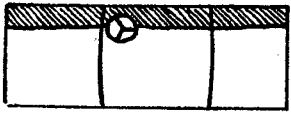
G

includes front door damage.

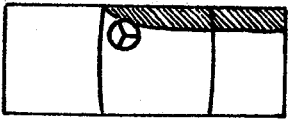


Y

includes both doors damaged.

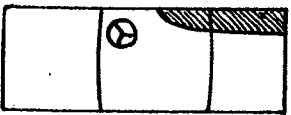


D



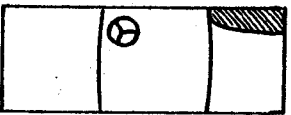
Z

both doors damaged.

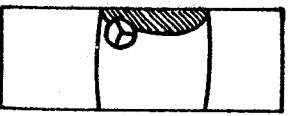


H

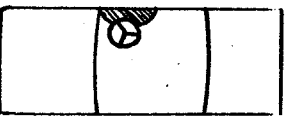
includes back door damaged.



B

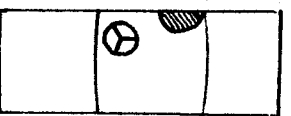


P



J

only front door damaged.



K

only back door damaged.

Figure 4

Column 4

(3) Horizontal Location of Damage

Top (Col. 3 coded T, A or Z)

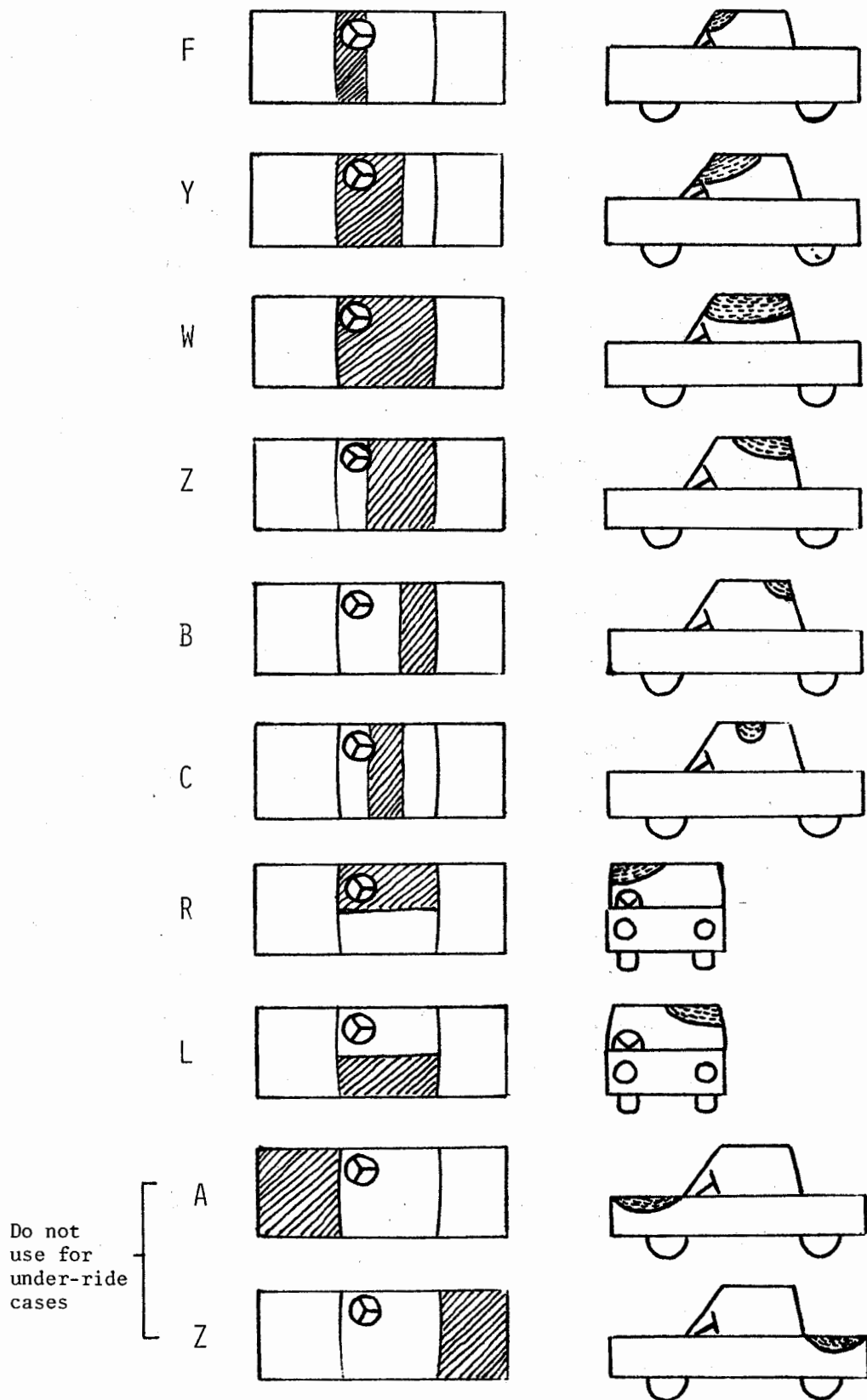
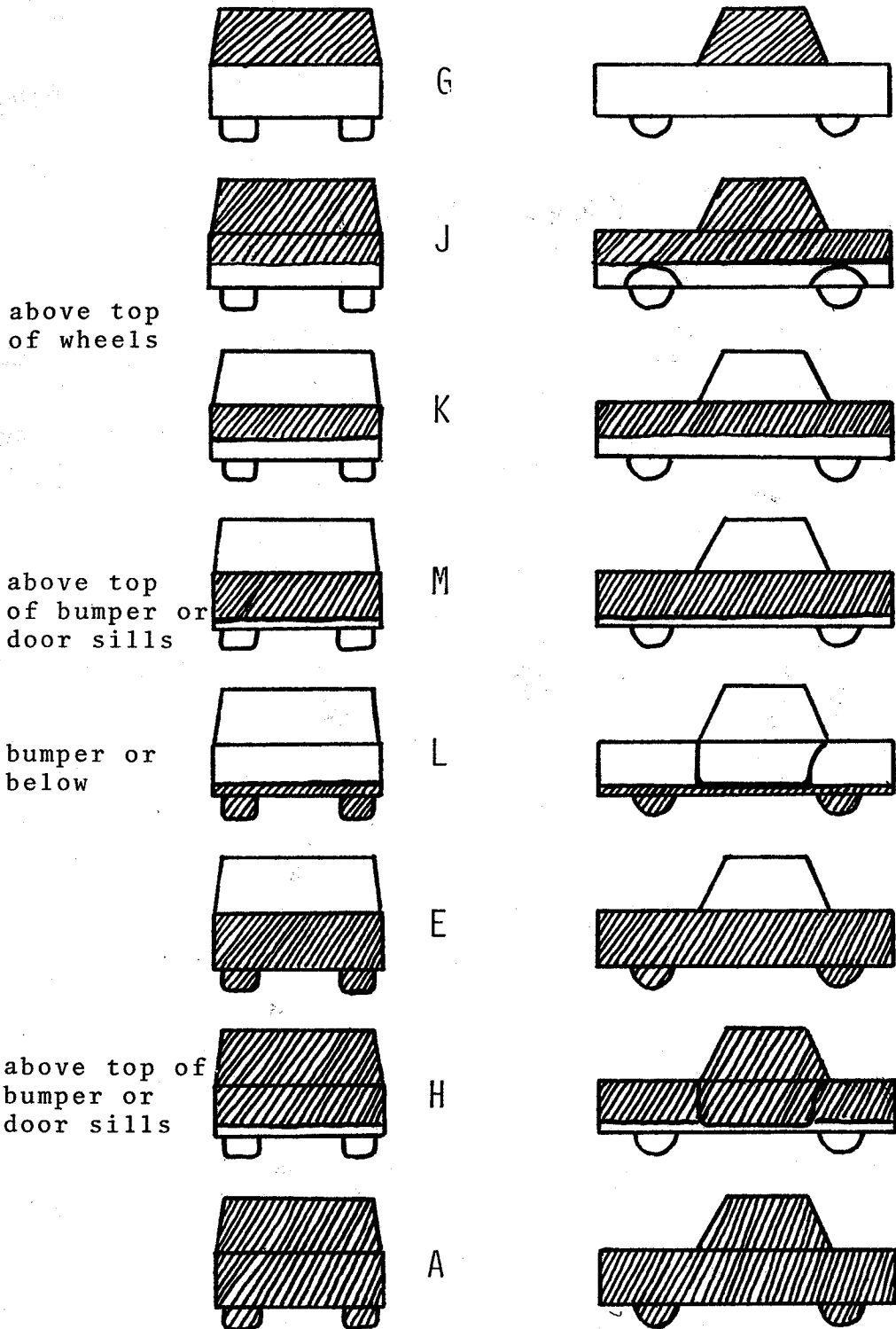


Figure 5

Column 5

Vertical Location of Deformation

(Column 3 coded F, B, L or R only)



(Code X if Column 3 is coded A, Z, T, U or X).

Figure 6

COLUMN 6

NATURE OF DEFORMATION

C = IMPACT ON A CORNER OF THIS VEHICLE (WITHIN 20 CM),

K = CORNER OF STRIKING VEHICLE

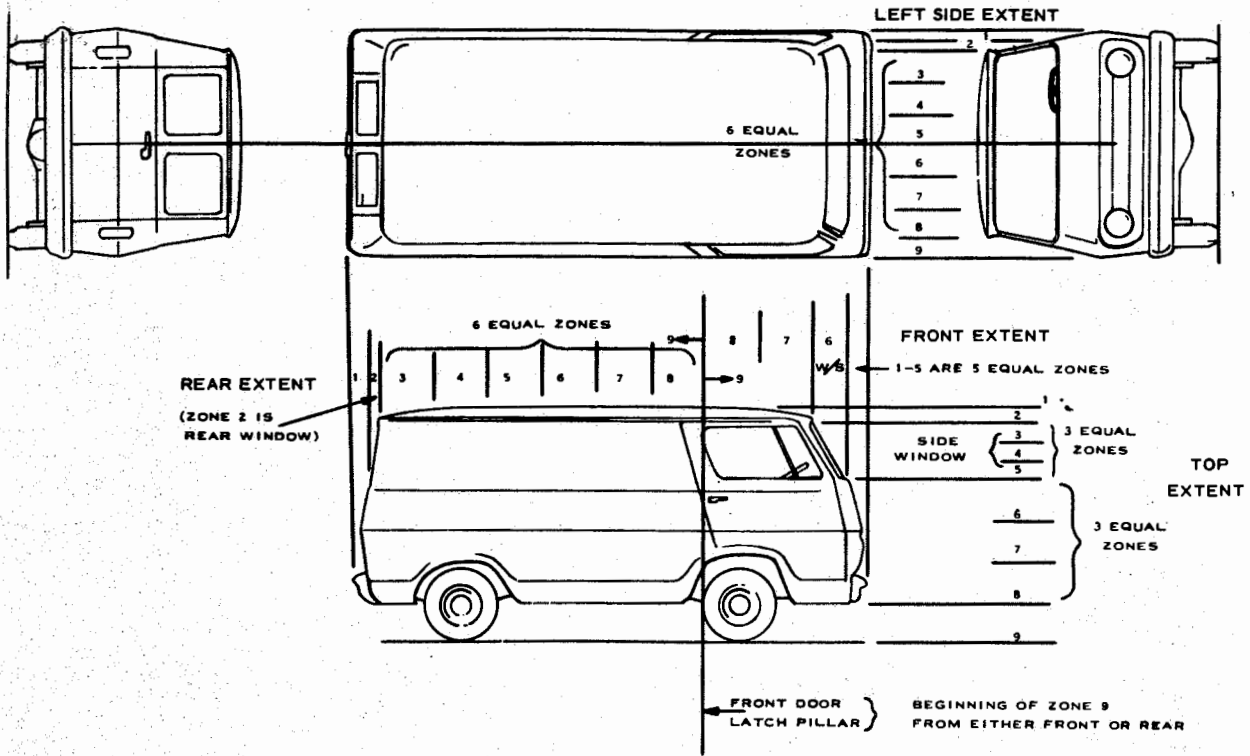
W = WIDE

N = NARROW (VERTICAL STRIKING OBJECT, E.G: POLE)

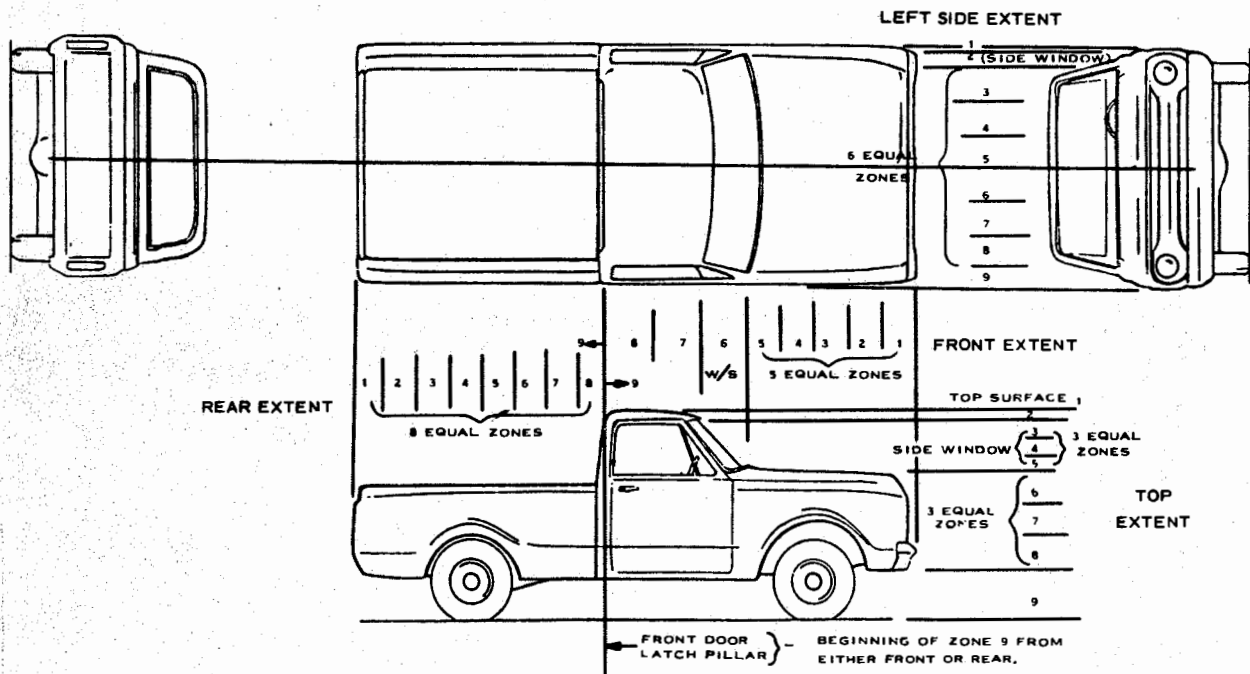
H = NARROW (HORIZONTAL STRIKING OBJECT, E.G: EDGE
OF TRAY OF TRUCK).

NOTE: USE C OR K IN PREFERENCE TO W, N OR H IF MORE THAN ONE
CATEGORY APPLIES.

COLLISION DEFORMATION CLASSIFICATION



DEFORMATION EXTENT ZONES (FOR VANS)



DEFORMATION EXTENT ZONES (FOR PICKUP TRUCKS)

GENERAL ACCIDENT RECORD

NAME	VARIABLE	NO.	LINE NO.	COLUMN NO.	NAME	VARIABLE	NO.	LINE NO.	COLUMN NO.
CASE NUMBER e.g. 045		001	1	1 - 3	11 Railway train, locomotive				
FILE NUMBER 1 General accident record		002	1	5	12 Other type of traffic unit				
TEAM MEMBERS 1 Lipert, Hall, Brewer 2 Lipert, Hall, Sandow 3 Lipert, Aust, Sandow 4 Lipert, Aust, Brewer 5 Tamblin, Aust, Brewer 6 Tamblin, Aust, Sandow 7 Tamblin, Hall, Sandow 8 Tamblin, Hall, Brewer		003	1	7	13 Utility pole 14 Tree 15 Other fixed road- side object 16 Movable object or animal 17 Other collision than above 99 Unknown				
					NUMBER OF TRAFFIC UNITS Code actual number	006	1		13
					NUMBER OF PEDESTRIANS (excludes children in pushers, etc., or being carried) Code as above Leave blank if not relevant	007	1		14
ACCIDENT CATEGORIZED BY TYPE OF TRAFFIC UNIT (Code the lowest applicable number apart from zero)		004	1	9	NUMBER OF PEDAL CYCLES Code actual number	008	1		15
1 Pedestrian					NUMBER OF MOTOR- CYCLES Code as above	009	1		16
2 Pedal cycle					NUMBER OF LIGHT TRUCKS Code as above	010	1		17
3 Motorcycle					NUMBER OF MEDIUM TRUCKS Code as above	011	1		18
4 Light truck*					NUMBER OF HEAVY TRUCKS Code as above	012	1		19
5 Medium truck*					NUMBER OF ARTICU- LATED VEHICLES Code as above	013	1		20
6 Heavy truck*					NUMBER OF BUSES Code as above	014	1		21
7 Articulated vehicle					NUMBER OF CARS OR CAR-DERIVATIVES Code as above	015	1		22
8 Bus					NUMBER OF OTHER TYPES OF TRAFFIC UNIT Code as above	016	1		23
9 Car or car- derivative					NUMBER OF PARTICIPANTS Code actual number e.g. 07	017	1		25, 26
0 Other type of traffic unit					NUMBER OF PEDESTRIANS (includes children in pushers, etc. or being carried)	018	1		27
* Light: 1780 kg or less unladen					NUMBER OF PEDAL CYCLES Code as above	019	1		28
* Medium: Over 1780 kg, unladen to 4500 kg, GVW									
* Heavy: Over 4500 kg, GVW									
"Truck" also includes vans and non-car- derivative vehicles of this general type other than classes 7 and 8 above									
TYPE OF COLLISION		005	1	10, 11					
01 Rollover (slide down: motorcycle)									
02 Other non- collision event									
Collision with									
03 Pedal cycle									
04 Motorcycle									
05 Light truck									
06 Medium truck									
07 Heavy truck									
08 Articulated vehicle									
09 Bus									
10 Car or car- derivative (continued)									

NUMBER OF MOTOR-CYCLISTS (including passengers) Code as above	020	1	29	HOUR RESEARCH TEAM CALLED TO ACCIDENT Code as previously	036	1	62, 63
NUMBER OF LIGHT TRUCK OCCUPANTS (includes persons riding on tray of truck, etc.) Code as above	021	1	30	MINUTES AFTER HOUR RESEARCH TEAM CALLED Code as previously	037	1	64, 65
NUMBER OF MEDIUM TRUCK OCCUPANTS Code as above	022	1	31	HOUR RESEARCH TEAM ARRIVED AT SCENE Code as previously	038	2	1, 2
NUMBER OF HEAVY TRUCK OCCUPANTS Code as above	023	1	32	MINUTES AFTER HOUR RESEARCH TEAM ARRIVED Code as previously	039	2	3, 4
NUMBER OF ARTICULATED VEHICLE OCCUPANTS Code as above	024	1	33	HOUR RESEARCH TEAM WENT ON CALL Code as previously	040	2	9, 10
NUMBER OF BUS OCCUPANTS Code as above	025	1	34, 35	MINUTES AFTER HOUR RESEARCH TEAM WENT ON CALL Code as previously	041	2	11, 12
NUMBER OF OCCUPANTS OF CARS OR CAR-DERIVATIVES Code as above	026	1	36, 37	POLICE ATTENDANCE	042	2	13
NUMBER OF PARTICIPANTS ASSOCIATED WITH OTHER TYPES OF TRAFFIC UNIT Code as above	027	1	38, 39	1 Attended, at scene before research team			
YEAR OF ACCIDENT e.g. 76 for 1976	028	1	42, 43	2 Attended, arrived after team			
MONTH OF ACCIDENT 01 for January	029	1	44, 45	3 Attended, not recorded whether arrived before or after team			
DAY OF MONTH OF ACCIDENT 01 through 31	030	1	46, 47	4 Did not attend			
DAY OF WEEK OF ACCIDENT 1 Monday 7 Sunday	031	1	48	5 Other than the above			
DAY OF YEAR OF ACCIDENT e.g. 083 March 23, 1976	032	1	49 - 51	9 Unknown			
HOLIDAY ON DAY OF ACCIDENT 0 No public holiday 1 Public holiday 2 School holiday (not public holiday)	033	1	52	POLICE REPORT ON ACCIDENT	043	2	14
HOUR AMBULANCE CALLED TO ACCIDENT 00 to 23 99 Unknown	034	1	54, 55	1 Yes, copy obtained			
MINUTES AFTER HOUR AMBULANCE CALLED 00 to 59 99 Unknown	035	1	56, 57	2 Yes, copy not available			
				3 No			
				9 Unknown			
				NATURAL LIGHTING CONDITIONS AT SCENE OF ACCIDENT	044	2	18
				1 Daylight			
				2 Night			
				3 Dusk			
				4 Dawn			
				5 Other than the above			
				9 Unknown			
				HOUR OF FIRST LIGHT Code as previously	045	2	19,20
				MINUTES AFTER HOUR OF FIRST LIGHT Code as previously	046	2	21,22
				HOUR OF LAST LIGHT Code as previously	047	2	27,28
				MINUTES AFTER HOUR OF LAST LIGHT Code as previously	048	2	29,30

ARTIFICIAL LIGHTING: PREDOMINANT TYPE IN VICINITY OF ACCIDENT SITE (LEAVE BLANK IF DAYTIME ACCIDENT)	049	2	36	MAP REFERENCE OF ACCIDENT LOCATION ON TOPOGRAPHICAL SURVEY MAP			
1 Sodium vapour				West-East coordinate	055	2	46-48
2 Mercury vapour				South-North coordinate	056	2	49-51
3 Fluorescent				POSTCODE OF AREA IN WHICH ACCIDENT OCCURRED	057	2	52-55
4 Incandescent				Enter actual postcode number. Use exact point of impact, where known, to select postcode at boundary between two postcode areas			
5 Flood lighting (e.g. of pedestrian crossing)				CASE NUMBER			
6 Extraneous (e.g. shop windows)				e.g. 045		2	74-76
7 Other than the above				LINE NUMBER			
8 None				02		2	79,80
9 Unknown							
ARTIFICIAL LIGHTING: GENERAL QUALITY IN VICINITY OF ACCIDENT SITE (LEAVE BLANK IF DAYTIME ACCIDENT)	050	2	37				
1 High intensity, uniform							
2 High intensity, not uniform							
3 High intensity, isolated							
4 Low intensity, uniform							
5 Low intensity, not uniform							
6 Low intensity, isolated							
7 Other than the above							
8 No artificial lighting							
9 Unknown							
STREET LIGHTS: OPERATING (LEAVE BLANK IF DAYTIME ACCIDENT)	051	2	38				
1 Yes, normally							
2 Yes, not not correctly							
3 No, not on							
4 Other than the above							
5 No street lights in the vicinity							
PRECIPITATION AT TIME OF ACCIDENT?	052	2	40				
0 None							
1 Heavy dew							
2 Light rain							
3 Heavy rain							
4 Hail							
5 Snow/sleet							
6 Other than the above							
9 Unknown							
ROAD SURFACE CONDITION IN VICINITY OF ACCIDENT SITE	053	2	41				
1 Dry							
2 Damp (not raining at time)							
3 Wet (raining)							
4 Flooded							
5 Ice							
6 Snow							
7 Other than the above							
9 Unknown							
AMBIENT TEMPERATURE AT TIME OF ACCIDENT	054	2	42,43				
Code in degrees Centigrade.							
If below zero, code absolute reading and add							
80 e.g. 86 for -6°C							
08 for +8°C							
99 Unknown							

ROAD AND TRAFFIC CODE

NAME	VARIABLE	NO.	LINE NO.	COLUMN NO.	NAME	VARIABLE	NO.	LINE NO.	COLUMN NO.
46-48 49-51	FILE IDENTIFICATION 2 Road and Traffic Code	001	1	1	ROAD AND TRAFFIC WAS ANY ASPECT OF THE GENERAL AREA ROAD LAYOUT A RELEVANT FACTOR?				
52-55	CASE NUMBER e.g. 045	002	1	3-5	1 Yes 2 Possibly 3 No 9 Unknown	005	1	11	
74-76	ACCIDENT CATEGORIZED BY TYPE OF TRAFFIC UNIT (Code the lowest applicable number apart from zero)	003	1	7	1 Pedestrian 2 Pedal cycle 3 Motorcycle 4 Light truck* 5 Medium truck* 6 Heavy truck* 7 Articulated vehicle 8 Bus 9 Car or car derivative 0 Other type of traffic unit				
79,80	*Light: 1780kg or less unladen *Medium: Over 1780kg. unladen & under 4500 kg g.v.w. *Heavy: Over 4500kg, g.v.w. "Truck" also includes vehicle of this general type other than classes 7 and 8 above				WAS ANY ASPECT OF THE ROAD LAYOUT AT THE ACCIDENT SITE RELEVANT TO THE CAUSATION OF THE ACCIDENT? Code as above (Leave blank if no such installation present)	006	1	12	
	TYPE OF COLLISION, ETC. EXPERIENCED IN THE INITIAL EVENT BY THE TRAFFIC UNIT REFERENCED IN VAR004	004	1	8,9	01 Rollover (slide down: motorcycle) 02 Other non-collis- ion event Collision with: 03 Pedal cycle 04 Motorcycle 05 Light truck 06 Medium truck 07 Heavy truck 08 Articulated vehicle 09 Bus 10 Car or car- derivative 11 Railway train, locomotive 12 Other type of traffic unit 13 Utility pole 14 Tree 15 Other fixed roadside object 16 Movable object or animal 17 Other collision than above 99 Unknown	007	1	13	WAS ANY ASPECT OF A GEOMETRIC TRAFFIC CONTROL INSTALLATION RELEVANT? Code as above
					WERE ANY CHARACTER- ISTIC OF THE ROAD SURFACE RELEVANT? Code as above Leave blank if not relevant	008	1	14	
					WERE ANY ROAD MARK- INGS RELEVANT? Code as above Leave blank if no markings	009	1	15	
					WERE ANY FEATURE OF THE ROADSIDE RELEVANT TO THE CAUSATION OF THE ACCIDENT? Code as above	010	1	16	
					WERE THERE ANY OBSTRUCTIONS OR DISTRACTIONS LOCATED ON OR BEYOND THE PROPERTY BOUNDARIES THAT WERE RELEVANT TO THE CAUSATION OF THIS ACCIDENT? Code as above	011	1	17	
					WERE ANY CHARACTER- ISTICS OF THE ARTIFICIAL LIGHTING RELEVANT? Code as above Leave blank if no parked vehicle	012	1	18	
					WERE ANY CHARACTER- ISTICS OF THE ARTIFICIAL LIGHTING RELEVANT? Code as above Leave blank if a daytime accident	013	1	19	

WERE ANY CHARACTERISTICS OF ROAD SIGN/S RELEVANT? Code as above Leave blank if no road signs	014	1	20	WAS ANY CHARACTERISTIC OF THE ROAD SURFACE RELEVANT TO THE CONSEQUENCES OF THIS ACCIDENT? Code as above	024	1	32
WAS ANY CHARACTERISTIC OF A SIGNAL INSTALLATION RELEVANT? Code as above Leave blank if no signal installation	015	1	21	WAS ANY FEATURE OF THE ROADSIDE (UP TO THE PROPERTY BOUNDARIES) RELEVANT TO THE CONSEQUENCES OF THIS ACCIDENT? (INCLUDES UTILITY POLES) Code as above	025	1	33
WAS THE ABSENCE OF A TRAFFIC CONTROL DEVICE RELEVANT? Code as above Leave blank if a traffic control device is present	016	1	22	WAS ANY FEATURE LOCATED ON OR BEYOND THE PROPERTY BOUNDARIES RELEVANT TO THE CONSEQUENCES OF THIS ACCIDENT? Code as above	026	1	34
WERE ANY FACTORS ASSOCIATED WITH ROAD WORK (CONSTRUCTION, REPAIRS OR MAINTENANCE) RELEVANT? Code as above. Leave blank if none.	017	1	23	DID A PARKED VEHICLE PLAY A SIGNIFICANT ROLE IN THE CONSEQUENCES OF THIS ACCIDENT? Code as above Leave blank if no parked vehicle present	027	1	35
WAS ANY CHARACTERISTIC OF THE PEDESTRIAN OR VEHICULAR TRAFFIC FLOW A RELEVANT FACTOR? Code as above	018	1	24	WAS A UTILITY POLE RELEVANT TO THE CONSEQUENCES OF THIS ACCIDENT? (INCLUDES UTILITY POLES CARRYING STREET LIGHTS) Code as above Leave blank if no such poles in the vicinity	028	1	36
WAS ANY PRIORITY RULE RELEVANT IN THE CAUSATION OF THIS ACCIDENT? Code as above	019	1	25	WERE ANY OTHER RULES FROM THE ROAD TRAFFIC ACT RELEVANT TO THE CAUSATION OF THIS ACCIDENT? Code as above	020	1	26
WERE ANY OTHER RULES FROM THE ROAD TRAFFIC ACT RELEVANT TO THE CAUSATION OF THIS ACCIDENT? Code as above	020	1	26	WAS ANY ROAD SIGN, OR SUPPORT, RELEVANT TO THE CONSEQUENCES OF THE ACCIDENT? Code as above Leave blank if no such installation present	029	1	37
WAS THERE A RELEVANT FACTOR IN THIS CATEGORY OTHER THAN THE ABOVE? Code as above	021	1	27	WAS ANY COMPONENT OF A SIGNAL INSTALLATION RELEVANT TO THE CONSEQUENCES OF THE ACCIDENT? Code as above Leave blank if no such installation present	030	1	38
WAS ANY ASPECT OF THE ROAD LAYOUT AT THE ACCIDENT SITE RELEVANT TO THE CONSEQUENCES OF THIS ACCIDENT? 1 Yes 2 Possibly 3 No 9 Unknown	022	1	30	WERE ANY FACTORS ASSOCIATED WITH ROAD WORKS RELEVANT TO THE CONSEQUENCE OF THIS ACCIDENT? Code as above Leave blank if no roadworks present	031	1	39
WAS ANY ASPECT OF A GEOMETRIC TRAFFIC CONTROL INSTALLATION RELEVANT TO THE CONSEQUENCES OF THIS ACCIDENT? Code as above Leave blank if no such installation present	023	1	31	WAS ANY CHARACTERISTIC OF THE PEDESTRIAN OR VEHICULAR TRAFFIC FLOW A RELEVANT FACTOR? Code as above	032	1	40

WAS ANY OTHER FACTOR IN THIS CATEGORY RELEVANT TO THE CONSEQUENCES OF THIS ACCIDENT? Code as above	033	1	41	AVERAGE DAILY TRAFFIC ON THIS ROAD (FROM RECORDS) FOR UNIT 2 Code as above	041	1	67-69
<u>TRAFFIC CHARACTERISTICS ESTIMATED</u> SPEED OF UNIT 1 PRIOR TO TAKING AVOIDING ACTION Code estimated speed in kph 000 Stationary 060 Sixty kph 888 Reversing 999 Unknown	034	1	44-46	ANY REGULATORY SIGNS RELEVANT TO UNIT 1 (ON ITS INTENDED PATH) 1 Yes, before the point of this initial deviation 2 Yes, beyond this point 3 No 4 Other than the above (describe) 9 Unknown	042	2	1
<u>TRAFFIC CHARACTERISTICS ESTIMATED</u> SPEED OF UNIT 2 PRIOR TO TAKING AVOIDING ACTION Code as above with 998 Not applicable (pedal cycle, pedestrian)	035	1	47-49	ANY REGULATORY SIGNS RELEVANT TO UNIT 2 (ON ITS INTENDED PATH) Code as above	043	2	2
SPEED LIMIT AT ACCIDENT SITE Code speed in kph 060 Sixty kph	036	1	51-53	WERE ANY WARNING SIGNS IN THE FIELD OF VIEW OF UNIT 1? 1 Yes 2 No 9 Unknown	044	2	3
MEAN TRAVELLING SPEED OF TRAFFIC AT THIS SITE AT THIS TIME OF DAY, ON A LATER DATE, IN DIRECTION OF UNIT 1 Code as above	037	1	54-56	WERE ANY WARNING SIGNS IN THE FIELD OF VIEW OF UNIT 2? Code as above	045	2	4
MEAN TRAVELLING SPEED OF TRAFFIC AT THIS SITE AT THIS TIME OF DAY, ON A LATER DATE, IN DIRECTION OF UNIT 2 Code as above	038	1	57-59	IS THE ROAD TRAVELLED BY UNIT 1 CLASSED AS A TRAFFIC ROUTE OR AS A MINOR STREET? 1 Traffic route 2 Minor street 3 Other than the above (specify) 8 Not applicable (pedestrian) 9 Unknown	046	2	5
CRITICAL SPEED FOR THIS APPROACH TO THIS INTERSECTION (IF APPLICABLE) Code calculated speed in kph for a <u>one second effective reaction time</u> 99 Unknown (leave blank if not applicable)	039	1	61-63	IS THE ROAD TRAVELLED BY UNIT 2 CLASSED AS A TRAFFIC ROUTE OR AS A MINOR STREET? Code as above	047	2	6
AVERAGE DAILY TRAFFIC ON THIS ROAD (FROM RECORDS) FOR UNIT 1 Code recorded number to the nearest hundred vehicles 001 Less than 150 002 150-249 998 Not applicable 999 Unknown	040	1	64-66	DID ANY TRAFFIC UNIT LEAVE THE CARRIAGEWAY IN THIS INITIAL DEVIATION? 0 No 1 Yes, did not strike a roadside object 2 Yes, did strike a roadside object	048	2	7
				PREDOMINANT LAND USE IN GENERAL AREA 1 Urban residential 2 Urban retail commercial 3 Urban other commercial, institutional 4 Urban industrial 5 Urban recreational parkland 6 Rural 8 Other than the above 9 Unknown	049	2	10

PREVIOUS ACCIDENT
RECORD: NUMBER OF
ACCIDENTS AT THIS
SITE IN THE PREVIOUS
3 WHOLE CALENDAR
YEARS

050 2

11-13

TYPE OF PEDESTRIAN
CROSSING?

056 2

19

Code actual number
of accidents
000 None
003 Three
999 Unknown

- 1 School crossing
(flags or safety
sals)
- 2 School crossing
(flashing lights
activated)
- 3 Zebra crossing
(flashing lights)
- 4 Pedestrian -
Actuated traffic
signals
- 5 Grade separation
- 6 Other than the
above
- 9 Unknown

ACCIDENT AT AN
INTERSECTION
(WITHIN 10M OF
PROPERTY BOUNDARIES)

051 2

14

1 Yes
2 No: midblock
3 No: other than
the above
(e.g. cul-de-sac)

ROAD LAYOUT AT
ACCIDENT SITE

052 2

15

1 T-junction
2 Y-junction
3 + intersection
4 Cross-intersection
5 Multi-leg (more
than 4) inter-
section
8 Other than the
above (describe)

GEOMETRIC TREATMENT
OF THE ABOVE INTER-
SECTION

053 2

16

1 Unchannelized
2 Flared
3 Channelized
4 Roundabout
5 Other than the
above (specify)
9 Unknown

TYPE OF TRAFFIC
CONTROL AT THE
ABOVE INTERSECTION

054 2

17

1 Signals, operating
normally
2 Signals, but not
operating normally
3 Signs
4 None
5 Other than the
above
9 Unknown

PEDESTRIAN CROSSING
IS THERE A PEDESTRIAN
CROSSING IN THE
VICINITY OF THE
ACCIDENT SITE?

(MIDBLOCK NOT
INCORPORATED INTO
INTERSECTION SIGNALS)

055 2

18

1 Yes, relevant to
this accident
2 Yes, not obviously
relevant to this
accident
3 Yes, but not
activated (e.g.
school crossing)
4 No
5 Other than the
above (specify)
9 Unknown

NAME	VARIABLE	NO.	LINE NO.	COLUMN NO.	NAME	VARIABLE	NO.	LINE NO.	COLUMN NO.
FILE NUMBER 3		001	1	1	11 HOLDEN HQ Kingswood, wagon 202				
CASE NUMBER e.g. 045		002	1	2 - 4	12 HOLDEN HJ, 4 dr 13 HOLDEN HR Special, 1 wagon				
VEHICLE NUMBER e.g. 03		003	1	5, 6	14 HOLDEN HK Monaro GTS				
MAKE		004	1	7, 8	15 HOLDEN FC Special 16 TORANA LH SL, 4 dr, 2850				
MODEL		005	1	9, 10	17 TORANA LH SL, 4 dr, 4200				
<u>01 FIAT</u>					18 HOLDEN HQ Kingswood, 202				
01 2300 sedan					19 TORANA TA, 4 dr, 1760				
02 124 Special, 4 dr sedan					20 HOLDEN FJ sedan				
03 1100 D Riviera, 4 dr sedan					21 TORANA LJ SL, 4 dr, 2850				
04 124 Sport, coupe					22 HOLDEN HT Premier, 4 dr, 186				
05 125 Special, 4 dr sedan					23 GEMINI TX, 4 dr				
<u>02 TOYOTA</u>					24 HOLDEN HD, panel van				
01 CORONA 4 dr sedan					25 HOLDEN FB, 4 dr				
02 CELICA					26 HOLDEN HK Premier, 4 dr				
03 CORONA SE, 4 dr sedan					27 HOLDEN HG Premier, 4 dr				
04 COROLLA SE, 2 dr sedan					28 HOLDEN HK Kingswood, 4 dr				
05 COROLLA SE, 4 dr sedan					29 TORANA LH SLR, 3300				
06 CROWN wagon					30 HOLDEN HQ, panel van				
07 CROWN Special, 4 dr sedan					31 TORANA LC GTR, 2600				
08 COROLLA, panel van					32 HOLDEN HK Kingswood, wagon				
09 COROLLA, 2 dr sedan					33 HOLDEN EJ, 4 dr				
10 CORONA SE 2000, 4 dr sedan					34 HOLDEN HQ Premier, V8				
11 CROWN Custom, 4 dr					35 STATESMAN Caprice				
<u>03 MAZDA</u>					36 HOLDEN HQ, utility, 253				
01 CAPELLA RX2 Super Deluxe sedan					37 HOLDEN HD, wagon				
02 808 Deluxe, 4 dr					38 HOLDEN HJ Premier, V8				
03 1300 Deluxe, 2 dr					39 HOLDEN Brougham				
04 1200 4 dr sedan					40 HOLDEN HR, utility				
05 1300 Deluxe coupe					41 TORANA LJ Deluxe, 2 dr, 4				
06 1500 4 dr sedan					42 TORANA LC SL, 4 dr, 6				
07 929 2 dr hardtop					43 TORANA LJ S, 4 dr, 6				
08 1500 Deluxe wagon					44 HOLDEN HQ Premier,6				
09 1200 2 dr wagon					45 HOLDEN HQ Belmont,6				
<u>05 GENERAL MOTORS-</u>					46 HOLDEN HK Kingswood, V8				
<u>HOLDEN</u>					47 TORANA LJ S, 2 dr,6				
01 HOLDEN HT Kingswood, 4 dr sedan, V8					48 HOLDEN HG Kingswood, V8				
02 HOLDEN EH sedan					49 HOLDEN HG Belmont, wagon, 6				
03 TORANA HB SL, 2 dr					50 HOLDEN HJ Kingswood, 4 dr, V8				
04 HOLDEN HQ SS, 4 dr					51 HOLDEN FX, sedan				
05 HOLDEN HR Premier, 4 dr, 186					52 HOLDEN HG Monaro, 6				
06 HOLDEN HR Special, 4 dr, 161					53 HOLDEN HG Kingswood, 6				
07 HOLDEN HK Belmont, utility									
08 HOLDEN HD Special, 4 dr									
09 HOLDEN EH, wagon									
10 TORANA HB SL, 4 dr									
(continued)					(continued)				

54 HOLDEN EJ, wagon
 55 HOLDEN HJ
 Kingswood, 6
 56 TORANA SLR, 5000
 57 HOLDEN HG, utility
 58 TORANA LH S, 4 dr
 59 GEMINI TX SL, 4 dr
 60 TORANA HB, 2 dr
 61 HOLDEN EK, panel
 van
 62 HOLDEN EK, utility
 63 HOLDEN HK,
 Belmont, 6
 64 HOLDEN HQ, utility,
 173
 65 HOLDEN HT Belmont,
 wagon, 6
 66 HOLDEN HT
 Kingswood, 6

07 CHRYSLER
 01 VALIANT AP6
 02 VALIANT VC, 4 dr
 03 LANCER LA, 4 dr
 04 VALIANT VF, 4 dr
 05 GALANT GC GL, 4 dr
 06 VALIANT VH Ranger,
 4 dr
 07 VALIANT VJ Ranger,
 4 dr
 08 VALIANT VF Pacer,
 4 dr
 09 CENTURA KB, 4000
 10 VALIANT AP5
 11 VALIANT VH Charger
 12 VALIANT VJ Regal,
 wagon, 265
 13 VALIANT VJ Charger
 14 VALIANT VK Ranger,
 4 dr
 15 VALIANT VE, 4 dr
 16 GALANT GA, 4 dr,
 1300
 17 VALIANT VF,
 hardtop, V8
 18 VALIANT VF Regal,
 4 dr, 6
 19 GALANT GB Deluxe,
 4 dr
 20 VALIANT VJ, utility
 21 GALANT GA, 4 dr,
 1500
 22 VALIANT VJ Ranger,
 wagon, 215
 23 VALIANT VJ Regal
 24 VALIANT VH Charger
 25 VALIANT VG, 4 dr

09 MORRIS
 01 MINI, 850
 02 MORRIS 1300, 4 dr
 03 MINI Deluxe, 998
 04 MAJOR
 05 MINI 1100
 06 OXFORD
 07 MINOR 1000
 08 MORRIS 1500 OHC
 09 MORRIS 1100

10 LEYLAND
 01 MARINA Coupe
 02 MARINA Deluxe, sedan
 03 P76 Super, 4 dr
 04 MINI, van
 05 MARINA Super Deluxe,
 sedan

11 VOLKSWAGEN
 01 1200, 2 dr (Beetle)
 02 1500, 2 dr wagon
 03 1300, 2 dr (Beetle)
 (continued)

04 1500 Deluxe, 2 dr
 05 1600 Square Back,
 wagon
 06 1600 TLE Fastback,
 2 dr
 07 1200 Karmann Ghia,
 coupe
 08 1600 Super Bug S

12 AUSTIN
 01 AUSTIN 1800, 4 dr
 02 A30
 03 LANCER
 04 KIMBERLEY
 05 TASMAN

13 FORD
 01 PREFECT, 4 dr
 02 FAIRLANE Custom,280
 03 FALCON XT Fairmont,
 4 dr
 04 FALCON XB, wagon,
 250
 05 FALCON XB, utility
 06 FALCON XP, 4 dr
 07 ESCORT, Mk 1, 2 dr
 08 FALCON XB Fairmont,
 wagon, 302
 09 CORTINA GT, 4 dr
 10 CORTINA Mk 2 L,
 4 dr
 11 FALCON XK, 4 dr
 12 FALCON XR, 4 dr
 13 CORTINA Mk 1, 2 dr
 14 FALCON XT 500,4 dr
 15 FALCON XA 500,
 2 dr hardtop, V8
 16 CAPRI Deluxe
 17 FALCON XA 500,
 wagon
 18 FALCON XA 500, 4 dr
 19 CAPRI GT 3000
 20 FALCON XW 500,
 4 dr, 6
 21 FALCON XR 500,
 wagon
 22 FAIRLANE ZG 500,
 4 dr, 351
 23 CORTINA TC XLE,
 4 dr, 250
 24 FALCON XM, 4 dr
 25 ESCORT Mk 1,
 panel van
 26 CORTINA TD XL,
 4 dr, 200
 27 FALCON XB
 Fairmont, 302
 28 FALCON XB 500,
 4 dr, 250
 29 FALCON XB 500,
 wagon, 302
 30 FAIRLANE ZF 500,
 4 dr, 351
 31 CORTINA TC L,2000
 32 FALCON XT, utility
 33 FALCON XR
 Fairmont, 6
 34 FALCON XT
 Fairmont, V8
 35 FALCON XY
 Fairmont, V8
 36 FALCON XB, panel
 van
 37 FALCON XR
 Standard, 6
 38 CORTINA TC XLE,250
 39 CUSTOMLINE, 4 dr
 40 FALCON XY, 500, 6
 41 FALCON XB
 Fairmont 6
 (continued)

42 CORTINA TC XL, 250	COMPLIANCE PLATE			
43 FALCON XA Fairmont, 4 dr, V8	FITTED?	006	1	11
44 CORTINA TD XL, 4 dr, wagon	1 Yes			
45 ESCORT Mk 2 GL	2 No			
46 GALAXIE, convertible	3 No, but should be			
47 CONSUL	9 Unknown			
48 <i>ECONOVAN</i>	"YEAR OF MANUFACTURE"			
14 ISUZU	AS LISTED ON THE			
01 BELLET, 4 dr, 1500	COMPLIANCE PLATE	007	1	12, 13
15 HILLMAN	Code last two digits			
01 MINX	of year			
02 HUNTER, 4 dr	76 1976			
16 SINGER	98 No compliance			
01 GAZELLE	plate			
17 CHEVROLET	99 Unknown			
01 BEL AIR	BODY STYLE	008	1	14, 15
18 DATSUN	01 Four door sedan			
01 1200, 2 dr	02 Two door sedan			
02 180B Deluxe, 4 dr	03 Two door hatch-			
03 1600, 4 dr	back			
04 180B GL, 4 dr	04 Two door hardtop			
05 Bluebird, 1300	(no upper B-pillar)			
06 120Y, 4 dr	05 Station wagon			
07 1200 Deluxe, 4 dr	(2 door)			
08 180B SSS, 2 dr	06 Station wagon			
09 120Y, 2 dr	(4 door)			
10 1000, 4 dr	07 Convertible			
19 TRIUMPH	(top up)			
01 2.5 PI Mk 2, 4 dr	08 Convertible			
20 HUMBER	(top down)			
01 HAWK	09 Utility			
21 RAMBLER	10 Panel van			
01 AMERICAN	19 Other than the			
02 HORNET	above			
22 PEUGEOT	99 Unknown			
01 504, 4 dr	ACCIDENT CATEGORIZED			
23 RENAULT	BY TYPE OF TRAFFIC			
01 R10, 4 dr	UNIT	009	1	16
02 16TL	(Code the lowest			
03 12TL	applicable number			
24 WOLSELEY	apart from zero)			
01 24/80, 4 dr	1 Pedestrian			
25 VAUXHALL	2 Pedal cycle			
01 VICTOR, 4 dr	3 Motor cycle			
02 VELOX	4 Light truck*			
26 BMW	5 Medium truck*			
01 3.0 Si	6 Heavy truck*			
27 MITSUBISHI	7 Articulated			
01 COLT, 2 dr	vehicle			
28 MERCEDES	8 Bus			
01 280 SE, 4 dr	9 Car or car-			
29 MG	derivative			
01 MGB	0 Other type of			
30 HONDA	traffic unit			
01 Z	* see VAR010			
31 JAGUAR	FIRST EVENT FOR			
01 420G	THIS VEHICLE	010	1	17, 18
02 E type, V12	01 Rollover			
	02 Other non-			
	collision event			
	Collision with			
	03 Pedestrian			
	04 Pedal cycle			
	05 Motorcycle			
	06 Light truck, etc.			
	(less than 1780			
	kg. unladen)			
	07 Medium truck, etc.			
	(1780 kg to 4500			
	kg.GVW)			
	08 Heavy truck, etc.			
	(over 4500 kg.GVW)			
	09 Articulated truck			
	10 Omnibus			
	11 Car			
	12 Other type of			
	traffic unit			
	(continued)			

- 13 Utility pole
- 14 Large tree (at roadside)
- 15 Traffic signal
- 16 Sign post
- 17 Kerb
- 18 Guard rail
- 19 Other roadside object
- 20 Fence
- 21 Building
- 22 Other objects on or behind property boundary
- 23 Movable object
- 24 Other than the above
- 99 Unknown

SECOND EVENT FOR THIS VEHICLE
Code as above, leave blank if not relevant
011 1 19, 20

FIRST EVENT

POINT OF CONTACT ON THIS VEHICLE
012 1 21, 22

- 01 Front right corner, from the inside of the road wheel at the front, to the front of the road wheel at the side
 - 02 Right side adjacent to 01 and back to the front of the driver's door
 - 03 Driver's door
 - 04 Right rear door, or from 03 back to the top of the rear wheel arch
 - 05 Right rear corner, defined similarly to 01
 - 06 Centre rear, between the back wheels
 - 07 Left rear corner
 - 08 Left rear door (see 04)
 - 09 Front passenger's door
 - 10 Left side, as for 02
 - 11 Left front corner
 - 12 Centre front, between the front wheels
 - 13 Windscreen area
 - 14 Right side glass area
 - 15 Back window area
 - 16 Left side glass area
 - 17 Roof (non-rollover)
 - 18 Undercarriage (non-rollover)
 - 19 Roll to right
 - 20 Roll to left
 - 21 Roll, other than the above
 - 22 Other than the above
 - 23 Bonnet
 - 24 Boot lid
- (continued)

- 98 No contact in this event
- 99 Unknown

IF THE FIRST EVENT WAS A COLLISION WITH ANOTHER CAR WHAT WAS THE POINT OF CONTACT ON THAT VEHICLE
Code as above except
013 1 23, 24
00 Collision with object other than car or car-derivative

ALIGNMENT OF THE ABOVE VEHICLE TO THE CASE VEHICLE
Code in 30° intervals, from
014 1 25, 26

- 12 Head on to the case vehicle
- 03 Right angles from the right
- 06 Rear end
- 13 Roof
- 14 Other than the above
- 99 Unknown
- Leave blank if no other vehicle involved

ESTIMATED SPEED OF OTHER VEHICLE (IF ANY) IN THIS FIRST EVENT
Code estimated speed in kph
015 1 27 - 29
000 Stationary
060 60 kph
888 Reversing
999 Unknown

ESTIMATED SPEED OF THIS VEHICLE ON INVOLVEMENT IN THE FIRST EVENT
Code as above
016 1 30 - 32

IF THE FIRST EVENT WAS A COLLISION WITH A FIXED OBJECT: WHAT WAS DIRECTION OF IMPACT RELATIVE TO THE CASE VEHICLE?
Code in 30° intervals, from:
017 1 33, 34
12 Head on to the case vehicle
03 Right angles from the right
06 Rear end
13 Roof
14 Other than the above
99 Unknown
Leave blank if other vehicle involved

MODIFIED (RARU) VDI,
FOR THE CASE VEHICLE
FOR DAMAGE SUSTAINED
IN THE FIRST EVENT:

Refer to codebook,
but convert all
letter codes to
numeric, with
01 for A
26 for Z

DIRECTION OF
DEFORMATION 018 1 35, 36
Refer to codebook

GENERAL LOCATION OF
DEFORMATION 019 1 37
Refer to codebook

HORIZONTAL LOCATION
OF DEFORMATION 020 1 38
Refer to codebook

VERTICAL LOCATION
OF DEFORMATION 021 1 39
Refer to codebook

NATURE OF
DEFORMATION 022 1 40
Refer to codebook

EXTENT OF
DEFORMATION 023 1 41 - 43
In all cases, code
the extent of
deformation in
centimetres
e.g. 040 Forty cms

TRAFFIC UNIT
MOVEMENTS (VEHICLE
SPECIFIC) IN THIS
EVENT 024 1 49 - 51
Refer to code of
vehicle TUM's

SECOND EVENT

POINT OF CONTACT ON
THIS VEHICLE 025 1 52, 53
01 Front right
corner, from the
inside of the
road wheel at the
front, to the
front of the road
wheel at the side
02 Right side
adjacent to 01
and back to the
front of the
driver's door
03 Driver's door
04 Right rear door,
or from 03 back
to the top of the
rear wheel arch
05 Right rear corner
defined
similarly to 01
06 Centre rear,
between the back
wheels
07 Left rear corner
08 Left rear door
(see 04)
09 Front passenger's
door
10 Left side, as for
02
(continued)

- 11 Left front corner
- 12 Centre front,
between the front
wheels
- 13 Windscreen area
- 14 Right side glass
area
- 15 Back window area
- 16 Left side glass
area
- 17 Roof
- 18 Undercarriage
- 19 Roll to right
- 20 Roll to left
- 21 Roll, other than
the above
- 22 Other than the
above
- 23 Bonnet
- 24 Boot lid
- 98 No contact in
this event
- 99 Unknown

IF THE SECOND EVENT
WAS A COLLISION
WITH ANOTHER CAR,
WHAT WAS THE POINT
OF CONTACT ON THAT
VEHICLE? 026 1 54, 55

Code as above, except:
00 Collision with
object other than
car or car-
derivative

ALIGNMENT OF THE
ABOVE VEHICLE TO THE
CASE VEHICLE 027 1 56, 57

Code in 30° intervals,
from:

- 12 Head on to the
case vehicle
- 03 Right angles from
the right
- 06 Rear end
- 13 Roof
- 14 Other than the
above
- 99 Unknown

Leave blank if no
other vehicle
involved

ESTIMATED SPEED OF
OTHER VEHICLE (IF
ANY) IN THIS SECOND
EVENT 028 1 58 - 60

Code estimated speed
in kph
000 Stationary
060 60 kph
888 Reversing
999 Unknown

ESTIMATED SPEED OF
THIS VEHICLE ON
INVOLVEMENT IN THIS
SECOND EVENT 029 1 61 - 63
Code as above

IF THE SECOND EVENT
WAS A COLLISION WITH
A FIXED OBJECT: WHAT
WAS THE DIRECTION OF
IMPACT RELATIVE TO
THE CASE VEHICLE? 030 1 64, 65

Code in 30° intervals
from:

- 12 Head on to the
case vehicle

03 Right angles from the right
 06 Rear end
 13 Roof
 14 Other than the above
 99 Unknown

MODIFIED (RARU) VDI

Refer to codebook, but convert all letter codes to numeric, with 01 for A, 26 for Z

DIRECTION OF DEFORMATION 031 1 66, 67

GENERAL LOCATION OF DEFORMATION 032 1 68

HORIZONTAL LOCATION OF DEFORMATION 033 1 69

VERTICAL LOCATION OF DEFORMATION 034 1 70

NATURE OF DEFORMATION 035 1 71

EXTENT OF DEFORMATION 036 2 1 - 3
 In all cases, code the extent of deformation in centimetres e.g. 040 Forty cms

TRAFFIC UNIT MOVEMENT (VEHICLE SPECIFIC) IN THIS EVENT 037 2 5 - 7
 Refer to code of vehicle TUM's

DEFORMATION OF PASSENGER COMPARTMENT (AFTER ALL EVENTS) 038 2 8
 0 Undeformed
 1 Minor
 2 Moderate
 3 Severe
 9 Unknown

ROLLOVER (IF OCCURRED): EXTENT OF ROLL 039 2 9
 0 No rollover
 1 90°
 2 180°
 3 270°
 4 360°
 5 450°
 6 540°
 7 630°
 8 720° or more
 9 Unknown

ROLLOVER (IF OCCURRED): PROPERTIES OF GROUND SURFACE FOR MAJORITY OF ROLL 040 2 10
 0 No rollover
 1 Soft and smooth
 2 Hard and smooth
 3 Soft and major irregularities

4 Hard and major irregularities
 5 Other than the above
 9 Unknown

ROLLOVER (IF OCCURRED): COLLISION DURING ROLL? 041 2 11
 0 No rollover
 1 Yes
 2 No
 9 Unknown

DID THE LOAD OF THIS CAR CONTACT ANY PARTICIPANT IN THIS ACCIDENT? 042 2 12
 0 Not relevant
 1 Yes, directly, in this vehicle
 2 Yes, directly in other vehicle or other participants
 3 As (1), but indirectly
 4 As (2), but indirectly
 5 No
 6 Other than the above
 9 Unknown

ENGINE MALFUNCTION: RELEVANT TO THE CAUSATION OF THIS ACCIDENT? 043 2 13
 1 Yes
 2 Possibly
 3 No malfunction
 4 Malfunction, not relevant
 9 Unknown

BRAKE APPLICATION: ON AT IMPACT? 044 2 14
 1 Yes
 2 No
 9 Unknown

BRAKES: SKIDDING DUE TO BRAKING? 045 2 15
 1 Yes, all wheels
 2 Yes, one or both front wheels only
 3 Yes, one or both rear wheels only
 4 Yes, three wheels only
 5 No
 6 Other (specify)
 7 Yes, unknown
 9 Unknown

BRAKE MALFUNCTION RELEVANT TO ACCIDENT? 046 2 16
 1 Yes
 2 Possibly
 3 No malfunction
 4 Malfunction, not relevant
 9 Unknown

INTERNAL SUNVISORS: SUBJECT TO ADR11? 047 2 17
 0 Not fitted
 1 Yes
 2 No
 9 Unknown

(continued)

INTERNAL SUNVISOR: DRIVER'S SIDE, OCCUPANT CONTACT? Code as above	048	2	18	INSTRUMENTS OR CONTROLS: OCCUPANT CONTACT? 1 Yes, (Standard) 2 No, (Standard) 3 No, below dash (Add on) 4 No, above dash (Add on) 5 Yes, below dash (Add on) 6 Yes, above dash (Add on) 7 No, other 9 Unknown	061	2	31
INTERNAL SUNVISOR: PASSENGER'S SIDE, OCCUPANT CONTACT? Code as above	049	2	19	RADIO: OCCUPANT CONTACT? 1 Yes, in dash 2 Yes, below dash 3 No, in dash 4 No, below dash 8 No radio fitted 9 Unknown	062	2	32
GLOVE COMPARTMENT DOOR: OCCUPANT CONTACT? Code as above	050	2	20	TAPE PLAYER: OCCUPANT CONTACT? 1 Yes, in dash 2 Yes, below dash 3 No, in dash 4 No, below dash 8 No tape player fitted 9 Unknown	063	2	33
GLOVE COMPARTMENT DOOR: OPENED IN CRASH? Code as above	051	2	21	EXTERNAL REAR VISION MIRROR, DRIVER'S SIDE: CONTACT BY OTHER ROAD USERS? 0 Not applicable 1 Yes 2 No 8 No mirror fitted 7 No, but passenger's side contacted 9 Unknown	064	2	34
GLOVE COMPARTMENT DOOR: SUBJECT TO ADR21? Code as above	052	2	22	INSTRUMENT PANEL ASH TRAY: OCCUPANT CONTACT? 1 Yes 2 No 8 Not fitted 9 Unknown	065	2	35
PARCEL SHELF: OCCUPANT CONTACT? Code as above	053	2	23	BACK OF FRONT SEAT ASH TRAY: OCCUPANT CONTACT? Code as above	066	2	36
PARKING BRAKE HANDLE: OCCUPANT CONTACT? Code as above	054	2	24	IGNITION KEY: OCCUPANT CONTACT? Code as above	067	2	37
WIPER BLADE: RH SIDE 1 Fitted, OK 2 Fitted, perished 3 Fitted, condition not known 4 Not fitted 5 Damaged in impact 9 Unknown	055	2	25	FOOT CONTROLS: OCCUPANT CONTACT? Code as above	068	2	38
WIPER BLADE: LH SIDE Code as above	056	2	26	GEAR SELECTOR: OCCUPANT CONTACT? 0 Not fitted 1 Yes 2 No 9 Unknown	069	2	39
WIPER AND WASHER - SUBJECT TO ADR16? 1 Yes 2 No 9 Unknown	057	2	27	REAR VISION MIRROR: INTERNAL: OCCUPANT CONTACT? Code as above	070	2	40
GLARE IN FIELD OF VIEW ADR12 APPLI- CABLE TO VEHICLE? Code as above	058	2	28				
HEATER OR FRESH AIR DUCTS: OCCUPANT CONTACT? 1 Yes 2 No 8 Not fitted 9 Unknown	059	2	29				
AIRCONDITIONER AIR DUCTS: OCCUPANT CONTACT? 1 Yes, in-dash ducts 2 Yes, below-dash ducts 3 Yes, add-on air- conditioner 4 No, in-dash ducts 5 No, below-dash ducts 6 No, add-on air- conditioner 8 No airconditioner fitted 9 Unknown	060	2	30				

REAR VISION - SUBJECT TO ADR14?	071	2	42	PASSENGER'S SIDE: "A" PILLAR: OCCUPANT CONTACT?	082	2	53
1 Yes				1 Yes			
2 No				2 No			
9 Unknown				9 Unknown			
STEERING WHEEL RIM: OCCUPANT CONTACT?	072	2	43	"B" PILLAR: OCCUPANT CONTACT?	083	2	54
Code as above				1 Yes			
				2 No			
STEERING WHEEL SPOKES: OCCUPANT CONTACT?	073	2	44	8 No "B" pillar			
Code as above				9 Unknown			
				"C" PILLAR: OCCUPANT CONTACT?	084	2	55
STEERING WHEEL: HORN RING DAMAGE AND CAUSE	074	2	45	1 Yes			
0 No horn ring				2 No			
1 Yes, due to occupant contact				8 No "C" pillar			
2 Yes, cause of damage not known				9 Unknown			
3 No				SEAT BELT UPPER ANCHORAGE: OCCUPANT CONTACT?	085	2	56
9 Unknown if damaged				1 Yes, on covered bolt			
				2 Yes, on uncovered bolt			
STEERING WHEEL HUB: OCCUPANT CONTACT?	075	2	46	3 No			
1 Yes				8 No belt fitted			
2 No				9 Unknown if contacted			
9 Unknown				INSTRUMENT PANEL - SUBJECT TO ADR21?	086	2	57
				1 Yes			
STEERING COLUMN: OCCUPANT CONTACT?	076	2	47	2 No			
1 Yes				9 Unknown			
2 No				INSTRUMENT PANEL: UPPER: OCCUPANT CONTACT?	087	2	58
9 Unknown				Code as above			
STEERING ASSEMBLY: SUBJECT TO ADR?	077	2	48	INSTRUMENT PANEL: MIDDLE: OCCUPANT CONTACT?	088	2	59
1 Yes - 10A				Code as above			
2 Yes - 10B				INSTRUMENT PANEL: LOWER: OCCUPANT CONTACT?	089	2	60
3 No				Code as above			
9 Unknown				INSTRUMENT PANEL: RH ROOF RAIL: DAMAGE: OCCUPANT CONTACT?	090	2	61
"A" PILLAR: DRIVER'S SIDE: OCCUPANT CONTACT?	078	2	49	1 Damaged, also evidence of occupant contact			
1 Yes				2 Evidence of occupant contact with associated damage; no other damage			
2 No				3 Evidence of occupant contact, no damage			
9 Unknown				4 Damaged, no evidence of occupant contact			
"B" PILLAR: DRIVER'S SIDE: OCCUPANT CONTACT?	079	2	50	5 No damage, no evidence of occupant contact			
1 Yes				8 No roof rail			
2 No				9 Unknown if damaged			
8 No "B" pillar							
9 Unknown							
"C" PILLAR: DRIVER'S SIDE: OCCUPANT CONTACT?	080	2	51				
1 Yes							
2 No							
3 No "C" pillar							
9 Unknown							
SEAT BELT UPPER ANCHORAGE: DRIVER'S SIDE: OCCUPANT CONTACT?	081	2	52				
1 Yes, on covered bolt							
2 Yes, on uncovered bolt							
3 No							
8 No belt fitted							
9 Unknown if contacted							

LH ROOF RAIL:
 DAMAGE: OCCUPANT
 CONTACT? 091 2 62
 Code as previously

WINDSCREEN HEADER
 RAIL: OCCUPANT
 CONTACT? 092 2 63
 1 Yes
 2 No
 9 Unknown

* SEAT BELT DATA:
DRIVER'S SEAT

SEAT BELT
 AVAILABILITY:
 DRIVER'S SEAT 093 2 64
 0 No seat
 1 Belt fitted and
 available for use
 2 Belt fitted, but
 not useable
 3 Belt fitted, no
 evidence of ever
 being used
 4 No belt fitted
 5 No belt fitted,
 original having
 been removed
 6 Other (specify)
 9 Unknown

SEAT BELT WORN?
 DRIVER'S SEAT 094 2 65
 0 Seat not occupied
 or no seat
 1 Worn correctly
 2 Worn loosely
 3 Worn very loosely
 4 Probably worn
 5 Probably not worn
 6 Not worn
 7 Worn incorrectly
 8 No belt available
 9 Unknown if worn

RESTRAINT PERFORM-
 ANCE OF SEAT BELT:
 DRIVER'S SEAT 095 2 66
 0 Seat not occupied
 or no seat
 1 Did not slip or
 fail in continuity
 2 Probably did not
 slip or fail in
 continuity
 3 Probably did slip
 or fail in
 continuity
 4 Slipped, or
 continuity failure
 7 No belt fitted
 8 Belt not worn
 9 Unknown
 (Code as "slip" if
 there is evidence of
 more than 50mm slip)

SEAT BELT DATA:
CENTRE FRONT SEAT

AVAILABILITY 096 2 67
 Code as previously
 WORN? 097 2 68
 Code as previously
 RESTRAINT PERFORMANCE 098 2 69
 Code as previously

SEAT BELT DATA:
LEFT FRONT SEAT

AVAILABILITY 099 2 70
 Code as previously
 WORN? 100 2 71
 Code as previously
 RESTRAINT PERFORMANCE 101 2 72
 Code as previously

SEAT BELT DATA:
RIGHT REAR SEAT

AVAILABILITY 102 3 1
 Code as previously
 WORN? 103 3 2
 Code as previously
 RESTRAINT PERFORMANCE 104 3 3
 Code as previously

SEAT BELT DATA:
CENTRE REAR SEAT

AVAILABILITY 105 3 4
 Code as previously
 WORN? 106 3 5
 Code as previously
 RESTRAINT PERFORMANCE 107 3 6
 Code as previously

SEAT BELT DATA:
LEFT REAR SEAT

AVAILABILITY 108 3 7
 Code as previously
 WORN? 109 3 8
 Code as previously

RESTRAINT PERFORMANCE 110 3 9
 Code as previously

SEAT BELTS - SUBJECT
 TO ADR? 111 3 10
 0 No belt
 1 Yes, 4
 2 Yes, 4A
 3 Yes, 4B
 4 Yes, 4C
 5 No
 9 Unknown

SEAT BELT ANCHORAGE:
 SUBJECT TO ADR? 112 3 11
 0 No anchorage
 1 Yes, 5A
 2 Yes, 5B
 3 No
 9 Unknown

SEATS - SUBJECT TO
 ADR3? 113 3 12
 1 Yes
 2 No
 9 Unknown

HEAD RESTRAINT -
 SUBJECT TO ADR? 114 3 13
 0 No head restraint
 1 ADR 22
 2 ADR 22A
 3 No
 (continued)

- 4 Head restraint removed
- 9 Unknown

- 8 Not applicable (no rear seat with no objects behind front seat)
- 9 Unknown

SEAT DATA:
DRIVER'S SEAT

STRUCTURAL DAMAGE TO SEAT? 115 3 14

- 1 No structural damage
- 2 Backrest bent backwards
- 3 Backrest bent forwards
- 4 Separation at floor
- 5 Separation at adjusters
- 6 No separation, but adjusters damaged
- 7 Combinations of the above
- 8 Other (describe)
- 9 Unknown

DAMAGE TO LATCH OF FOLDING SEAT? 116 3 15

- 0 No latch
- 1 Latch held, not damaged
- 2 Latch held, damaged
- 3 Latch released, not damaged
- 4 Latch released, damaged
- 5 Other (describe)
- 8 Not a folding seat
- 9 Unknown

DAMAGE TO RECLINER MECHANISM? 117 3 16

- 0 No recliner
- 1 Yes
- 2 No
- 9 Unknown

HEAD RESTRAINT: EVIDENCE OF OCCUPANT CONTACT? 118 3 17

- 0 Not fitted
- 1 Yes, by occupant of seat
- 2 Yes, by other occupant
- 3 No
- 9 Unknown

BACK OF SEAT, (OTHER THAN HEAD RESTRAINT) EVIDENCE OF CONTACT BY REAR SEAT OCCUPANT OR OBJECT? (CODE OCCUPANT CONTACT WITH HEAD RESTRAINT IN PREVIOUS VARIABLE) 119 3 18

- 1 Yes, with upper back of seat
 - 2 Yes, with lower back of seat
 - 3 Yes, with entire back of seat
 - 4 No contact
 - 5 Other (describe)
- (continued)

SEAT DATA:
LEFT FRONT PASSENGER

STRUCTURAL DAMAGE TO SEAT? 120 3 19

- 0 Seat removed
- 1 No structural damage
- 2 Backrest bent backwards
- 3 Backrest bent forwards
- 4 Separation at floor
- 5 Separation at adjusters
- 6 No separation, but adjusters damaged
- 7 Combinations of the above
- 8 Other (describe)
- 9 Unknown

DAMAGE TO LATCH OF FOLDING SEAT? 121 3 20

- 0 No latch
- 1 Latch held, not damaged
- 2 Latch held, damaged
- 3 Latch released, not damaged
- 4 Latch released, damaged
- 5 Other (describe)
- 8 Not a folding seat
- 9 Unknown

DAMAGE TO RECLINER MECHANISM? 122 3 21

- 0 No recliner
- 1 Yes
- 2 No
- 9 Unknown

HEAD RESTRAINT: EVIDENCE OF OCCUPANT CONTACT? 123 3 22

- 0 Not fitted
- 1 Yes, by occupant of seat
- 2 Yes, by other occupant
- 3 No
- 9 Unknown

BACK OF SEAT, (OTHER THAN HEAD RESTRAINT) EVIDENCE OF CONTACT BY REAR SEAT OCCUPANT OR OBJECT? (CODE OCCUPANT CONTACT WITH HEAD RESTRAINT IN PREVIOUS VARIABLE) 124 3 23

- 1 Yes, with upper back of seat
 - 2 Yes, with lower back of seat
 - 3 Yes, with entire back of seat
 - 4 No contact
- (continued)

- 5 Other (describe)
- 8 Not applicable (no rear seat with no objects behind front seat)
- 9 Unknown

DAMAGE TO LATCH OF FOLDING BACK OF REAR SEAT

- | | | | |
|------------------------------|-----|---|----|
| | 125 | 3 | 24 |
| 0 Not seat with folding back | | | |
| 1 Latch held, undamaged | | | |
| 2 Latch held, damaged | | | |
| 3 Latch released, undamaged | | | |
| 4 Latch released, damaged | | | |
| 5 Other than the above | | | |
| 8 No rear seat | | | |
| 9 Unknown | | | |

DOORS - SUBJECT TO ADR2?

- | | | | |
|-----------|-----|---|----|
| | 126 | 3 | 25 |
| 1 Yes | | | |
| 2 No | | | |
| 9 Unknown | | | |

DOOR DATA:
DRIVER'S DOOR

- | | | | |
|------------------|-----|---|----|
| | 127 | 3 | 26 |
| DOOR DAMAGED? | | | |
| 1 Yes | | | |
| 2 No | | | |
| 9 Unknown | | | |
| 0 No door fitted | | | |

DOOR OPENED IN CRASH?

- | | | | |
|------------------|-----|---|----|
| | 128 | 3 | 27 |
| 1 Yes | | | |
| 2 No | | | |
| 9 Unknown | | | |
| 0 No door fitted | | | |

OPERATION OF DOOR AFTER CRASH

- | | | | |
|------------------------------------|-----|---|----|
| | 129 | 3 | 28 |
| 1 Operates normally | | | |
| 2 Closed, cannot open fully | | | |
| 3 Jammed shut | | | |
| 4 Open, operates normally | | | |
| 5 Open, can close but not fully | | | |
| 6 Open, cannot close or open fully | | | |
| 7 Open, cannot close | | | |
| 8 Door separated from vehicle | | | |
| 9 Unknown | | | |
| 0 No door fitted | | | |

DOOR LATCH: DAMAGE AND SEPARATION

- | | | | |
|-------------------------------------|-----|---|----|
| | 130 | 3 | 29 |
| 1 No damage, not separated | | | |
| 2 No damage, separated | | | |
| 3 No damage, not known if separated | | | |
| 4 Damaged, not separated | | | |
| 5 Damaged, separated | | | |
- (continued)

- 6 Damaged, not known if separated
- 7 Unknown if damaged, not separated
- 8 Unknown if damaged, separated
- 9 Unknown if damaged or separated
- 0 No door fitted

DOOR HINGES: DAMAGED?

- | | | | |
|------------------------------|-----|---|----|
| | 131 | 3 | 30 |
| 1 Not damaged | | | |
| 2 Damaged, neither separated | | | |
| 3 Damaged, one separated | | | |
| 4 Damaged, both separated | | | |
| 5 Other than the above | | | |
| 9 Unknown | | | |
| 0 No door fitted | | | |

OCCUPANT CONTACT WITH INTERIOR OF DOOR?

- | | | | |
|------------------------------|-----|---|----|
| | 132 | 3 | 31 |
| 1 No contact | | | |
| 2 Window sill | | | |
| 3 Armrest | | | |
| 4 Door opener | | | |
| 5 Door lock | | | |
| 6 Window winder | | | |
| 7 Remainder of door interior | | | |
| 8 Combinations of the above | | | |
| 9 Unknown | | | |
| 0 No door fitted | | | |

DOOR DATA:
RIGHT REAR DOOR

- | | | | |
|--------------------|-----|---|----|
| | 133 | 3 | 32 |
| DOOR DAMAGED? | | | |
| Code as previously | | | |

- | | | | |
|-----------------------|-----|---|----|
| | 134 | 3 | 33 |
| DOOR OPENED IN CRASH? | | | |
| Code as previously | | | |

- | | | | |
|-------------------------------|-----|---|----|
| | 135 | 3 | 34 |
| OPERATION OF DOOR AFTER CRASH | | | |
| Code as previously | | | |

- | | | | |
|-----------------------------------|-----|---|----|
| | 136 | 3 | 35 |
| DOOR LATCH: DAMAGE AND SEPARATION | | | |
| Code as previously | | | |

- | | | | |
|-----------------------|-----|---|----|
| | 137 | 3 | 36 |
| DOOR HINGES: DAMAGED? | | | |
| Code as previously | | | |

- | | | | |
|---|-----|---|----|
| | 138 | 3 | 37 |
| OCCUPANT CONTACT WITH INTERIOR OF DOOR? | | | |
| Code as previously | | | |

DOOR DATA:
LEFT REAR DOOR

- | | | | |
|--------------------|-----|---|----|
| | 139 | 3 | 38 |
| DOOR DAMAGED? | | | |
| Code as previously | | | |

- | | | | |
|-----------------------|-----|---|----|
| | 140 | 3 | 39 |
| DOOR OPENED IN CRASH? | | | |
| Code as previously | | | |

OPERATION OF DOOR AFTER CRASH Code as previously	141	3	40	5 No contact 9 Unknown 0 No window fitted		
DOOR LATCH: DAMAGE AND SEPARATION Code as previously	142	3	42	RIGHT FRONT WINDOW: OCCUPANT CONTACT? Code as previously	156	3 56
DOOR HINGES: DAMAGED? Code as previously	143	3	43	RIGHT REAR WINDOW (BETWEEN B AND C PILLARS): OCCUPANT CONTACT? Code as previously	157	3 57
OCCUPANT CONTACT WITH INTERIOR OF DOOR? Code as previously	144	3	44	RIGHT REAR VENT (AHEAD OF C PILLAR): OCCUPANT CONTACT? Code as previously	158	3 58
<u>DOOR DATA:</u> <u>LEFT FRONT DOOR</u>						
DOOR DAMAGED? Code as previously	145	3	45	RIGHT REAR WINDOW, WAGON (BETWEEN C AND D PILLARS): OCCUPANT CONTACT? Code as previously	159	3 59
DOOR OPENED IN CRASH? Code as previously	146	3	46	BACK WINDOW: OCCUPANT CONTACT? Code as previously	160	3 60
OPERATION OF DOOR AFTER CRASH Code as previously	147	3	47	LEFT REAR WINDOW, WAGON (BETWEEN C AND D PILLARS): OCCUPANT CONTACT? Code as previously	161	3 61
DOOR LATCH: DAMAGE AND SEPARATION Code as previously	148	3	48	LEFT REAR VENT (AHEAD OF C PILLAR): OCCUPANT CONTACT? Code as previously	162	3 62
DOOR HINGES: DAMAGED? Code as previously	149	3	49	LEFT REAR WINDOW (BETWEEN B AND C PILLARS): OCCUPANT CONTACT? Code as previously	163	3 63
OCCUPANT CONTACT WITH INTERIOR OF DOOR? Code as previously	150	3	50	LEFT FRONT WINDOW: OCCUPANT CONTACT? Code as previously	164	3 64
<u>GLAZING</u>						
GLAZING - SUBJECT TO ADR8? 1 Yes 2 No 9 Unknown	151	3	51	LEFT FRONT VENT WINDOW: OCCUPANT CONTACT? Code as previously	165	3 65
WINDSCREEN - OCCUPANT CONTACT WITH GLASS? Code as above	152	3	52	<u>TYRES</u>		
WINDSCREEN - MISTING RELEVANT? 0 No misting 1 Yes 2 No 9 Unknown	153	3	53	TYRES - SUBJECT TO ADR23? 1 Yes 2 No 9 Unknown	166	3 66
WINDSCREEN - DEMISTING SUBJECT TO ADR15? 1 Yes 2 No 9 Unknown	154	3	54	TYRES - SUBJECT TO ADR24? Code as above	167	3 67
DRIVER'S VENT WINDOW: OCCUPANT CONTACT? 1 Yes, with glass 2 Yes, with frame 3 Yes, with glass and frame 4 Other than the above (continued)	155	3	55	TYRES - INCORRECT SPECIFICATION RELEVANT? (SIZE, CARCASS) Code as above	168	3 68
				TYRES - INCORRECT OPERATION RELEVANT? (PRESSURE, TREAD, DEPTH) Code as above	169	3 69

SUSPENSION

SUSPENSION - MODIFICATION RELEVANT? 170 3 70
0 Modified, not relevant
1 Yes
2 No modification
9 Unknown

SUSPENSION - CONDITION RELEVANT (WORN SHOCK ABSORBERS, JOINTS)? 171 3 71
1 Yes
2 No
9 Unknown

FUEL LEAKAGE

SOURCE OF FUEL LEAKAGE 172 3 72
0 No fuel leakage
1 Filler cap
2 Filler neck/vent pipe
3 Tank fittings other than (2) above
4 Body of tank
5 Rigid fuel lines
6 Flexible fuel lines
7 Fuel pump/filter/carburetors/injectors
8 Other than the above
9 Unknown

FIRE

ANY PERSON BURNT BY FIRE? 173 4 1
0 No fire
1 Yes, minor burns
2 Yes, major burns
3 Yes, critical to fatal burns
4 Fire, but no one burnt
9 Unknown

BONNET/WINDSCREEN PENETRATION

BONNET: ELEVATION OF REAR EDGE? 174 4 2
1 Not elevated
2 Elevated, not past plane of windscreen
3 Elevated, penetrates plane of windscreen
4 Other (describe)
9 Unknown

LIGHTING

REVERSING LAMPS - SUBJECT TO ADRI? 175 4 3
0 Not fitted
1 Yes
2 No
9 Unknown

TURN SIGNAL LAMPS - SUBJECT TO ADR6? 176 4 4
Code as above

PARKING LAMPS - OPERATION RELEVANT? 177 4 5
Code as above

HEADLAMPS - OPERATION RELEVANT? 178 4 6
Code as above

STOP (BRAKE) LAMPS - OPERATION RELEVANT? 179 4 7
Code as above

TURN SIGNAL LAMPS - OPERATION RELEVANT? 180 4 8
Code as above

TOWING

TRAILER - RELEVANT FACTOR? 181 4 9
Code as above

CHILD RESTRAINT

CHILD RESTRAINT OCCUPIED? 182 4 10
Code as above

REGISTRATION OF CAR

YEAR OF FIRST REGISTRATION 183 4 11, 12
Code last two digits of year
e.g. 76 1976
99 Unknown

CRASH INJURY CODE

NAME	VARIABLE	NO.	LINE NO.	COLUMN NO.	NAME	VARIABLE	NO.	LINE NO.	COLUMN NO.
FILE IDENTIFICATION 4 Crash injury data		001	1	1	<u>SUBJECT LOCATION:</u> <u>VEHICLE OCCUPANT</u> <u>(SEE BELOW FOR</u> <u>OTHER ROAD USERS)</u>				
CASE NUMBER e.g. 043		002	1	3 - 5					
UNIT NUMBER e.g. 03		003	1	7, 8	SEAT LOCATION	015	1	35	
SUBJECT NUMBER e.g. 03		004	1	10, 11	1 Front 2 Rear (second) 3 Third (station wagon third seat) 4 Bus 5 Sleeper compartment of truck 6 On open back of utility/truck 7 Other 9 Unknown				
AGE Code actual number 00 Less than 12 months 07 7 years to less than 8 98 98 or older 99 Unknown		005	1	13, 14					
SEX 1 Male 2 Female 9 Unknown		006	1	15	POSITION ON SEAT 1 Right 2 Right centre 3 Centre 4 Left centre 5 Left 6 Other 9 Unknown (Code location of head if lying on seat)	016	1	36	
HEIGHT Code actual height in cm 999 Unknown		007	1	16 - 18					
WEIGHT Code actual weight in kg 999 Unknown		008	1	19 - 21	POSTURE 01 Sitting on seat 02 On lap or in arms 03 Standing on seat 04 Standing on floor 05 In bassinet 06 In child seat 07 Lying on seat 08 Lying on floor 09 External to passenger compartment 10 Lying on folded down seat 11 Other 99 Unknown	017	1	37, 38	
NECK LENGTH Code actual length in cm 99 Unknown		009	1	23, 24					
UPPER ARM LENGTH Code as above		010	1	25, 26					
FOREARM LENGTH Code as above		011	1	27, 28					
UPPER LEG LENGTH Code as above		012	1	29, 30					
LOWER LEG LENGTH Code as above		013	1	31, 32	POSITION INSIDE VEHICLE AFTER THE ACCIDENT 1 Unchanged 2 On seat, position changed 3 Partially on seat and floor 4 On floor 5 In different section of vehicle 6 (from back seat to front seat, etc.) 7 Ejected (complete or partial) 8 Other than the above 9 Unknown	018	1	39	
TYPE OF UNIT 0 Train 1 Pedestrian 2 Pedal cycle 3 Motor cycle 4 Light truck: less than 1780kg unladen 5 Medium truck: 1780kg unladen to 4500kg, g.v.w. 6 Heavy truck: over 4500kg g.v.w. 7 Articulated vehicle 8 Bus 9 Car		014	1	34					
					DEGREE OF EJECTION 1 Complete 2 Partial 3 None 9 Unknown	019	1	40	

AREA OF EJECTION	020	1	41	4 Skateboard			
1 Window, left side				5 Other than the above			
2 Window, right side				9 Unknown			
3 Window, rear							
4 Door, left side				POSITION AFTER THE ACCIDENT (NO OTHER VEHICLE INVOLVED)	026	1	48
5 Door, right side				1 Position unchanged			
6 Tailgate				2 On road, beyond own vehicle			
7 Windscreen				3 On road, alongside own vehicle			
8 Other (incl. sun-roof or open convertible)				4 On road, under own vehicle			
9 Unknown				5 On road, behind own vehicle			
POSITION OUTSIDE THE VEHICLE AFTER THE ACCIDENT - IF EJECTED	021	1	42	6 On road, position relative to own vehicle not known			
1 On road, in front of own vehicle				7 Off road			
2 On road, alongside own vehicle				8 Other than the above			
3 On road, under own vehicle				9 Unknown			
4 On road, behind own vehicle							
5 On road, position relative to own vehicle not known				POSITION AFTER THE ACCIDENT (OTHER VEHICLE INVOLVED)	027	1	49
6 Off road				1 Position unchanged			
7 Other than the above				2 On road in front of other vehicle			
9 Unknown				3 On road alongside other vehicle			
				4 On road under other vehicle			
SUBJECT LOCATION: OTHER ROAD USER				5 On road behind other vehicle			
				6 On other vehicle			
POSTURE (PEDESTRIAN)	022	1	44	7 Off road			
1 Standing				8 Other than the above			
2 Walking or running				9 Unknown			
3 Lying or sitting on roadway							
4 Working in roadway				FIRST FIXED OBJECT CONTACTED	028	1	50, 51
5 Other than the above				01 Road surface			
9 Unknown				02 Kerb			
				03 Utility pole			
LOCATION (CYCLIST)	023	1	45	04 Traffic signal support etc.,			
1 Riding				05 Sign, sign post			
2 Walking alongside cycle				06 Tree (large) at roadside			
3 Passenger on carrier at rear				07 Bush, shrub, at roadside			
4 Passenger on crossbar				08 Fence, light construction			
5 Other than the above				09 Fence, heavy construction			
9 Unknown				10 Building			
				11 Tree (large) beyond property boundary			
LOCATION (MOTOR-CYCLIST)	024	1	46	12 Bush, shrub, beyond property boundary			
1 Riding				13 Parked vehicle			
2 Pushing motor-cycle				14 Other than the above			
3 Pillion passenger				98 None contacted			
4 Sidecar passenger				99 Unknown			
5 Other than the above							
9 Unknown				SECOND FIXED OBJECT CONTACTED	029	1	52, 53
				Code as above			
PARTICIPANT ASSOCIATED WITH OTHER CLASS OF TRAFFIC UNIT	025	1	47				
1 Riding on animal				THIRD FIXED OBJECT CONTACTED	030	1	54, 55
2 Riding in an animal-drawn carriage				Code as above			
3 In or on a child's tricycle, etc. (continued)							

FOURTH FIXED OBJECT
CONTACTED 031 1 56, 57
Code as above

4 No witnesses'
reports available
9 Unknown

PROTECTIVE DEVICES
- VEHICLE OCCUPANTS

SEAT BELT AVAILABLE
FOR THIS OCCUPANT? 032 1 59
1 Yes
2 Probably
inaccessible
3 No, none fitted
4 Other than the
above
9 Unknown

ADJUSTMENT OF STATIC
BELT - OCCUPANT'S
STATEMENT 039 1 66
1 Worn tight
2 Worn, average
adjustment
3 Worn very loose
4 No recollection
9 Unknown

TYPE OF RESTRAINT
IF FITTED 033 1 60
1 Inertia reel,
3 point
2 Static, 3 point
3 Static, lap only
4 Static, sash only
5 Full harness
6 Child restraint
7 Other
9 Not known

ADJUSTMENT OF STATIC
BELT - INVESTIGATORS'
OPINION 040 1 67
1 Worn tight
2 Worn, average
adjustment
3 Worn very loose
7 Thought not to
have worn belt
9 Unknown

SEAT BELT CLAIMED
TO HAVE BEEN WORN? 034 1 61
1 Yes
2 No
3 Could not recall
9 Unknown

INERTIA REEL BELT -
OCCUPANT'S REPORTED
POSTURE ON IMPACT 041 1 69
1 Normally seated
2 Leaning forward
intentionally
3 Thrown forward
by braking
4 Other than the
above
5 No recollection
9 Unknown

INVESTIGATORS'
JUDGMENT OF BELT
WEARING 035 1 62
1 Certainly worn
2 Probably worn
3 Not worn
9 Unknown

INERTIA REEL BELT -
PHYSICAL EVIDENCE
OF REELOUT PRIOR
TO IMPACT 042 1 70
1 Yes
2 Probable
3 No
9 Unknown
Leave blank if not
relevant

EVIDENCE OF WEARING
- BELT DAMAGE 036 1 63
1 Webbing load
marks
2 Deformation of
belt hardware
3 (1 and 2)
4 Other than the
above
5 None
9 Unknown

INERTIA REEL BELT -
OCCUPANT'S REPORT
OF RETRACTOR LOCKING 043 1 71
1 Locked instantly
2 Locked with
noticeable
webbing reelout
3 Did not lock
4 No recollection
9 Unknown

EVIDENCE OF WEARING
- BELT INDUCED
INJURIES 037 1 64
1 Belt contusions
or abrasions on
torso
2 Injuries to
internal organs
attributed to
belt
3 Skeletal injury
attributable to
belt
4 None
5 Other than the
above
9 Unknown

INERTIA REEL BELT -
PHYSICAL EVIDENCE
ON WEBBING OF
RETRACTOR LOCKING 044 1 72
1 Load marks on
webbing consis-
tent with locking
with little or
no reelout
2 As for (1) but
reelout greater
than 80mm and
less than full
reelout
3 Full reelout
4 None
5 Other than the
above
9 Unknown

EVIDENCE OF WEARING
- STATEMENTS FROM
WITNESSES 038 1 65
1 Belt worn
2 Probably worn
3 Not worn
(continued)

SEAT BELT MOUNTINGS STRUCK BY THIS OCCUPANT?	045	2	1	4 Yes, not known if used 5 Yes, not used 6 Not available 9 Unknown if available			
1 Yes							
2 Possibly							
3 No							
9 Unknown							
EFFECTIVENESS OF RESTRAINT BY SEAT BELT - PHYSICAL EVIDENCE OF CONTACT WITH OTHER OBJECTS	046	2	2	TYPE OF CHILD RESTRAINT, IF AVAILABLE	051	2	7
1 No contact				1 Auxiliary seat, restrained by seat belt			
2 Minor contact				2 Auxiliary seat, own mounting belts to car structure			
3 Significant contact, head or face				3 Auxiliary seat, frame hooks under back of car seat			
4 Significant contact, upper torso				4 Auxiliary seat, frame hooks over back of car seat			
5 Significant contact, upper limbs				5 Auxiliary seat, own mounting belts around back of car seat			
6 Significant contact, lower torso (excluding belt loading)				6 Auxiliary seat, rearward facing Harness			
7 Significant contact, lower limbs				7 Harness			
8 Combinations of (3, 4, 5, 6 or 7)				8 Other type of child restraint (excludes adult belt)			
9 Unknown				9 Unknown			
EFFECTIVENESS OF RESTRAINT BY SEAT BELT - OCCUPANT'S REPORT OF CONTACT WITH OTHER OBJECTS	047	2	3	LOCATION OF THIS CHILD RESTRAINT - IF AVAILABLE	052	2	8, 9
Code as above, with				01 Front seat, centre			
9 Unknown, or can't recall				02 Front seat, left of centre			
				03 Front seat, left			
				04 Rear seat, right			
				05 Rear seat, right of centre			
				06 Rear seat, centre			
				07 Rear seat, left of centre			
				08 Rear seat, left			
				09 Other than the above			
				99 Unknown			
EFFECTIVENESS OF RESTRAINT BY SEAT BELT - PHYSICAL EVIDENCE OF PARTIAL OR TOTAL EJECTION FROM BELT	048	2	4	AVAILABLE CHILD RESTRAINT - SAA APPROVED?	053	2	10
1 Yes				1 Yes			
2 Probable				2 No			
3 No				9 Unknown			
9 Unknown							
EFFECTIVENESS OF RESTRAINT BY SEAT BELT - OCCUPANT'S REPORT OF PARTIAL OR TOTAL EJECTION FROM BELT	049	2	5	AVAILABLE CHILD RESTRAINT - MAKE AND MODEL	054	2	12, 13
1 Yes				Assign two digit number in sequence, starting with			
2 No				01			
3 No recollection				99 Unknown			
9 Unknown							
<u>CHILD RESTRAINTS - (CODE ONLY IF OCCUPANT AGED BETWEEN 10 MONTHS AND 8 YEARS)</u>							
CHILD RESTRAINT AVAILABLE FOR THIS OCCUPANT?	050	2	6	EFFECTIVENESS OF CHILD RESTRAINT, IF USED	055	2	14
1 Yes, used correctly				1 Child adequately restrained			
2 Yes, used incorrectly				2 Child made minor contact with car interior while still in restraint			
3 Yes, not known if used correctly (continued)				(continued)			

- 3 Child made significant contact with car interior while still in restraint
- 4 Child partially ejected from restraint
- 5 Child totally ejected from restraint
- 7 Restraint itself detached
- 8 Other than the above
- 9 Unknown

- 09 Rear seat, head in centre
- 10 On floor behind front seat, head at left
- 11 On floor behind front seat, head in centre
- 12 Behind rear seat
- Rearward facing
- 13 Front seat, centre
- 14 Front seat, left
- 15 Rear seat
- 16 Other than the above
- 99 Unknown

DAMAGE TO CHILD RESTRAINT, IF USED 056 2 15

- 1 Damaged by occupant inertia
- 2 Damaged by contact with other occupants
- 3 Damaged by general deformation of the car
- 4 Other than, or combinations of, the above
- 5 No damage
- 9 Unknown

- EFFECTIVENESS OF INFANT CARRIER, IF USED 060 2 20
- Code as for effectiveness of child restraint

- DAMAGE TO INFANT CARRIER - IF USED 061 2 21
- Code as for damage to child restraint

INFANT CARRIER - (CODE ONLY IF OCCUPANT AGED LESS THAN 10 MONTHS OR IN AN INFANT CARRIER)

INFANT CARRIER AVAILABLE FOR THIS OCCUPANT? 057 2 16

- 1 Yes, used
- 2 Yes, not known if used
- 3 Yes, not used
- 4 Not available
- 9 Unknown if available

MOTORCYCLIST ONLY

- HELMET WEARING 062 2 23
- 1 Worn,
- 2 Worn, but came off during crash
- 3 Not worn
- 9 Unknown

TYPE OF INFANT CARRIER, IF AVAILABLE 058 2 17

- 1 Bassinet or basket
- 2 GM Infant carrier
- 3 Other than the above
- 9 Unknown

- HELMET TYPE 063 2 24
- 1 Jet style
- 2 Jet style with attached face-guard
- 3 Jet style with attached mouth-guard
- 4 Full face
- 5 Hemispherical shell
- 6 Novelty type
- 7 Other than the above
- 9 Unknown

LOCATION OF INFANT CARRIER, IF AVAILABLE 059 2 18, 19

- Head to right
- 01 Front seat, head in centre
- 02 Rear seat, head at right
- 03 Rear seat, head in centre
- 04 On floor behind front seat, head at right
- 05 On floor behind front seat, head in centre
- 06 Behind rear seat

- HELMET MAKE 064 2 25, 26
- 01 Arai
- 02 Bell
- 03 Bowbilt
- 04 Brynac
- 05 Centurion
- 06 Cromwell
- 07 Grant
- 08 ISS
- 09 Koninor
- 10 Protector
- 11 Premier
- 12 Shoei
- 13 Stadium
- 14 Racing Mate
- 15 DIWS
- 16 AGV
- 17 KUNØH
- 18 Everoak
- 19 Mario Cannisani
- 20 HA
- 99 Unknown

- Head to left
- 07 Front seat, head at left
- 08 Rear seat, head at left (continued)

HELMET, CHIN STRAP BUCKLE TYPE	066	2	29	HELMET: APPROVED FOR SHCA?	073	2	37
1 D rings				1 Yes			
2 D rings, plus press stud				2 No			
3 D rings plus velcro				9 Unknown			
4 Clip (Safe T-lock)				HELMET: APPROVED FOR SNELL	074	2	38
5 None				1 Yes, 1968 (Orange)			
6 Other than the above				2 Yes, 1970 (Green)			
9 Unknown				3 Yes, 1975			
				4 No			
				9 Unknown			
HELMET, CHIN STRAP DONE UP	067	2	30	HELMET: APPROVED FOR E33	075	2	39
1 Yes, certainly done up				1 Yes			
2 Yes, probably done up				2 No			
3 No, probably not done up				9 Unknown			
4 No, certainly not done up				HELMET: APPROVED FOR E43	076	2	40
9 Unknown				1 Yes			
				2 No			
				9 Unknown			
HELMET, VISOR CONDITION	068	2	32	HELMET: APPROVED FOR AS1698	077	2	41
1 Undamaged				1 Yes			
2 Some damage, unbroken				2 No			
3 Broken				9 Unknown			
4 Detached				HELMET: APPROVED FOR BS1869	078	2	42
5 None fitted				1 Yes			
6 Other than the above				2 No			
9 Unknown				9 Unknown			
HELMET, SUBJECTIVE ASSESSMENT OF HELMET CONDITION PRIOR TO ACCIDENT	069	2	33	HELMET: APPROVED FOR BS2495	079	2	43
1 Excellent				1 Yes			
2 Average				2 No			
3 Poor, e.g. soft shell				9 Unknown			
4 Very poor, e.g. padding missing				HELMET: APPROVED FOR Z90	080	2	44
9 Unknown				1 Yes			
				2 No			
				9 Unknown			
HELMET - CONTACT WITH OBJECT DURING CRASH?	070	2	34	MOTORCYCLIST'S CLOTHING - PROTEC- TIVE PROPERTIES	081	2	45
1 Yes				1 Leather jacket and trousers			
2 Possibly				2 Leather jacket, cloth trousers			
3 No				3 Heavy fabric clothing			
9 Unknown				4 Light fabric clothing			
HELMET, DAMAGE SEVERITY	071	2	35	5 Other than the above			
1 None				9 Unknown			
2 Minor abrasions				MOTORCYCLIST'S FOOTWEAR	082	2	46
3 Moderate abrasions				1 Leather knee length boots, heavy construction			
4 Severe abrasions				2 As above, light construction			
5 Deformation of lining				3 Heavy regular boots			
6 Shell deformed				4 Light regular boots			
7 Shell cracked				5 Heavy shoes			
8 Other than the above				6 Light shoes			
9 Unknown				7 Sandals			
HELMET DAMAGE, LOCATION ON HELMET	072	2	36	8 Bare feet			
1 Front				9 Unknown			
2 Back							
3 Left side							
4 Right side							
5 Top							
6 Combinations of the above							
7 None							
9 Unknown							

MOTORCYCLIST'S GLOVES 083 2 47

- 1 Heavy mittens or gauntlets
- 2 Light leather gloves
- 3 Other gloves
- 4 No hand protection
- 5 Other than the above
- 9 Unknown

INJURY STATUS

STATUS OF TRAUMATIC INJURIES 084 2 49

- 0 None
- 1 First aid at scene
- 2 Treated at hospital/clinic but not admitted
- 3 Hospitalised (observation less than 24 hours)
- 4 Hospitalised for significant treatment
- 5 Fatal - death at scene
- 6 Fatal - DOA at hospital
- 7 Fatal - dead within 24 hours
- 8 Fatal - died between 1 and 30 days
- 9 Unknown

OVERALL SEVERITY OF TRAUMATIC INJURIES 085 2 50, 51

- * 00 None
- * 01 Minor
- * 02 Non-dangerous, moderate
- * 03 Non-dangerous, severe
- * 04 Dangerous, serious
- 05 Dangerous, critical
- * 06 Fatal lesion plus 1 region with severe or less
- 07 Fatal lesion plus 1 region with serious or critical
- 08 Fatal lesions in 2 regions
- 09 Fatal lesions in 3 or more regions
- 10 Fatal, but details unknown
- 98 Injured, but details unknown
- 99 Presence of injury unknown

INJURY SEVERITY SCORE 086 2 52, 53

Sum of squares of AIS severity ratings for 3 most severe injuries (See VAR102)

- 99 Unknown

STATUS OF NON-TRAUMATIC MEDICAL CONDITION 087 2 54

- 1 Disabling condition reported, unable to verify
- 2 Minor disabling condition, verified
- 3 Major disabling condition (e.g. severe angina)
- 4 Fatal
- 7 Potentially disabling but controlled at time of accident
- 8 None apparent
- 9 Unknown

AUTOPSY 088 2 55

- 1 Full autopsy, report available
- 2 Full autopsy, no report available
- 3 No autopsy
- 4 Other than the above
- 9 Unknown if autopsy performed

DURATION OF STAY IN HOSPITAL 089 2 56, 57

Code duration in days

- 00 Less than 24 hours
- 01 One day to less than 2 days
- 96 96 days or more
- 97 Other than the above (e.g. interrupted hospitalisation)
- 98 Not admitted to hospital
- 99 Unknown (Do not leave blank)

DURATION OF RESTRICTION OF NORMAL ACTIVITIES (WORK, SCHOOL, ETC.) 090 2 58, 59

Code as above, except

- 98 No restriction

PERMANENT DISABILITY RESULTING FROM THIS ACCIDENT 091 2 60

- 1 Total disability (e.g. quadriplegia)
- 2 Major disability
- 3 Minor disability
- 4 None
- 8 Fatal
- 9 Unknown

TRANSPORTATION OF INJURED 092 2 61, 62

DESTINATION ON DEPARTURE FROM SCENE OF ACCIDENT

- 01 Home, friend's house etc.
- 02 Hospital, RAH
- 03 Hospital, QEH

(continued)

04 Hospital, FMC				12 Abdomen (Diaphragm and below)			
05 Hospital, ACH				13 Pelvis - Hip			
06 Hospital, Modbury				14 Lower Extremities (Whole Leg)			
07 Hospital, other than the above				15 Thigh (Femur)			
08 Own doctor				16 Knee			
09 Morgue				17 Leg (Below Knee)			
10 Arrested				18 Ankle - Foot			
11 Other than the above				19 Whole Body			
99 Unknown				99 Unknown, Unclassifiable			
SUBSEQUENT DESTINATION (TRANSFER ON SAME DAY)				ASPECT	099	3	3, 4
Code as above, leave blank if not relevant	093	2	63, 64	01 Right			
MODE OF TRANSPORT FROM SCENE				02 Left			
1 Ambulance, stretcher patient	094	2	65	03 Bilateral			
2 Ambulance, sitting patient				04 Central			
3 Ambulance, accompanying patient				05 Anterior/Ventral/Front			
4 Own vehicle				06 Posterior/Dorsal/Back			
5 Other vehicle				07 Superior/Cranial/Upper			
6 Other mode				08 Inferior/Caudal/Lower			
9 Unknown				09 Whole Region			
TIME PERIOD FROM CALL TO ARRIVAL OF AMBULANCE				99 Unknown, Unclassifiable			
Code period in minutes	095	2	66, 67	LESION			
00 Ambulance at scene				01 Lacerations	100	3	5, 6
07 Seven minutes				02 Contusions			
99 Unknown				03 Abrasions			
TIME AMBULANCE SPENT AT THE SCENE OF THE ACCIDENT				04 Fractures			
Code as above, with 98 Ambulance not required or subject dead at scene	096	2	68, 69	05 Pain			
TIME IN AMBULANCE FROM SCENE TO HOSPITAL				06 Concussion			
Code as above	097	2	70, 71	07 Haemorrhage			
CHARACTERISTICS OF SPECIFIC INJURIES MOST SEVERE INJURY				08 Avulsion			
BODY REGION	098	3	1, 2	09 Rupture			
01 Head (Skull, Scalp, Ears)				10 Sprains			
02 Face (Forehead, Nose, Eyes, Mouth)				11 Dislocations			
03 Neck (Cervical Spine, C1 - C7)				12 Crushing (Flailed Chest/Limb, Pulpefaction)			
04 Shoulder (Clavicle, Scapula, Joint)				13 Amputation			
05 Upper extremities (Whole Arm)				14 Burn			
06 Upper arm				15 Asphyxia			
07 Elbow				16 Other			
08 Forearm				99 Unknown			
09 Wrist-Hand				SYSTEM/ORGAN			
10 Back (Thoraco-Lumbar Spine, T1-T12, L1-L5)				01 Skeletal (Bones Ligaments)	101	3	7, 8
11 Chest (Anterior and Posterior Ribs) (continued)				02 Vertebrae			
				03 Joints, Articulations			
				04 Digestive			
				05 Liver			
				06 Nervous system			
				07 Brain			
				08 Spinal cord			
				09 Eyes			
				10 Arteries, Veins			
				11 Heart			
				12 Spleen			
				13 Urogenital			
				14 Kidneys			
				15 Respiratory			
				16 Pulmonary, Lungs			
				17 Muscles			
				18 Integumentary (e.g. Skin, Hair)			
				19 Ears			
				20 All Systems in Region			
				99 Unknown, Unclassified			

ABBREVIATED
 INJURY SCALE 102 3 9

0 No injury
 1 Minor
 2 Moderate
 3 Severe (not life-threatening)
 4 Serious (life threatening, survival probable)
 5 Critical (survival uncertain, fatal after 24 hours or more)
 6 Fatal (within 24 hours)
 9 Severity unknown

FIRST OBJECT
 CONTACTED (FOR
 THIS INJURY) 103 3 10, 11

Vehicle Occupants only (see below for other road users)

FRONT OF
 PASSENGER
 COMPARTMENT

05 Instrument Panel (Specific Area Unknown)
 54 Upper Instrument Panel (X)
 55 Middle Instrument Panel (Y)
 56 Lower Instrument Panel (Z)
 57 Beneath Instrument Panel
 58 Add-on Tape Deck, Radio, Air Conditioner, etc.
 09 Steering Assembly (Specific Area Unknown)
 65 Steering Wheel
 66 Steering Wheel Column
 12 Windshield
 02 Glove Compartment Area
 03 Hardware items (Specific Item Unknown)
 81 Ashtray (Instrument panel)
 82 Instruments
 83 Control Knobs and Levers
 04 Heater or AC Ducts
 01 Air Conditioning or ventilation outlets
 06 Mirrors
 07 Parking brake (Location unknown)
 08 Radio
 10 Sunvisors & fittings and/or top moulding (header)
 11 Transmission selector lever
 53 Parcel tray
 84 Parking brake in front

SIDES

20 Surface of side interiors
 (continued)

19 Hardware
 13 Armrests
 22 Window glass
 21 Window frames
 14 A-pillar
 15 B-pillar
 16 C-pillar
 17 D-pillar
 18 Courtesy lights

INTERIOR

29 Front seatbacks
 33 Restraint system hardware
 34 Restraint system webbing
 30 Head restraints
 32 Other occupants
 31 Interior loose object
 50 Rear seat
 51 Front seat cushion
 52 Internal flying glass
 86 Child restraint

ROOF

26 Roof side rails
 10 Sunvisors & fittings and/or top moulding (header)
 25 Roof or convertible top
 24 Coat hooks
 18 Courtesy light

FLOOR

11 Transmission selector lever
 40 Floor
 28 Foot controls
 27 Console
 85 Parking brake, floor mounted

REAR

23 Backlight (rear window)
 39 Backlight header

EXTERIOR
 SURFACE OF
 CASE VEHICLE

37 Outside surface of case vehicle (specific area unknown)
 35 Hood of case vehicle
 60 Exterior case vehicle hardware, e.g. outside mirrors, antenna, trim, door handles, etc.
 62 Exterior side roof rail of case vehicle
 63 Trunk lid of case vehicle
 64 Tyres of case vehicle

BEYOND CASE
 VEHICLE BOUNDARY

36 Area exterior to car (specific area unknown)
 70 Hood of other vehicle

- 71 Other Vehicle exterior hardware (e.g. outside mirrors, antenna, trim, ornaments, door handles etc.)
- 73 Exterior side roof rail of other vehicle
- 74 Headlight or front grill of other vehicle
- 75 Boot of other vehicle
- 76 Outside surface of other vehicle
- 77 Tyres of other vehicle
- 78 Ground
- 79 Water
- 80 Exterior object (not vehicle, ground or water)

PENETRATING OBJECTS

- 61 Other Vehicle
- 72 Object
- 38 Other than the above
- 98 No contact
- 99 Unknown area of contact

Pedestrian, Cyclist, Motorcyclist

- 01 Road surface
- 02 Fixed object
- 03 Other non-vehicular object
- 04 Non-vehicular object, type not known
- 11 Pedal cycle
- 21 Motorcycle handlebars
- 22 Motorcycle petrol tank
- 23 Motorcycle crash bars
- 24 Motorcycle front wheel (pedestrian, etc.)
- 25 Accessory equipment on motorcycle
- 26 Other motorcycle fitting
- 27 Motorcycle, component not known
- 41 Bumper (front)
- 42 Leading edge of bonnet
- 43 Vertical leading edge of front fender
- 44 Upper surface of bonnet
- 45 Windscreen (glass)
- 46 A pillar
- 47 Front bulkhead
- 48 Header rail (front)
- 49 Roof
- 50 Header rail (rear)
- 51 Rear window (glass)
- 52 C pillar
- 53 Rear bulkhead
- 54 Upper surface of boot

(continued)

- 55 Trailing edge of boot
- 56 Bumper (rear)
- 57 Vertical trailing edge of rear fender
- 58 Upper edge of front fender
- 59 Side of front fender
- 60 Front wheel/tyre
- 61 Side doors (closed)
- 62 Side door (open)
- 63 Side window (glass)
- 64 B pillar
- 65 Side roof rail
- 66 Side of rear fender
- 67 Rear wheel/tyre
- 68 Upper edge of rear fender
- 69 Other front of car, etc.
- 70 Other side of car
- 71 Other back of car
- 72 Other upper surface of car, etc.
- 73 Undercarriage
- 74 Unknown part of car
- 97 Other unknown vehicular component, e.g. trailer
- 98 No contact
- 99 Not known what object contacted

PROBABILITY OF CONTACT WITH THE ABOVE OBJECT

104 3 12

- 1 Contact certain
- 2 Contact probable
- 3 Contact possible

SECOND OBJECT CONTACTED (FOR THIS INJURY)

105 3 13, 14

Code as for first object
Leave blank if not relevant

PROBABILITY OF CONTACT WITH THE ABOVE OBJECT

106 3 15

Code as above
Leave blank if not relevant

THIRD OBJECT CONTACTED (FOR THIS INJURY)

107 3 16, 17

See above

PROBABILITY OF CONTACT WITH THE ABOVE OBJECT

108 3 18

See above

FOURTH OBJECT CONTACTED (FOR THIS INJURY)

109 3 19, 20

See above

PROBABILITY OF CONTACT WITH THE ABOVE OBJECT

110 3 21

See above

<u>SECOND MOST SEVERE INJURY</u> (Code as above, leave blank if not relevant)				<u>FOURTH MOST SEVERE INJURY</u> (Code as above, leave blank if not relevant)			
BODY REGION	111	3	23, 24	BODY REGION	137	4	1, 2
ASPECT	112	3	25, 26	ASPECT	138	4	3, 4
LESION	113	3	27, 28	LESION	139	4	5, 6
SYSTEM/ORGAN	114	3	29, 30	SYSTEM/ORGAN	140	4	7, 8
ABBREVIATED INJURY SCALE	115	3	31	ABBREVIATED INJURY SCALE	141	4	9
FIRST OBJECT CONTACTED, ETC.	116	3	32, 33	FIRST OBJECT CONTACTED	142	4	10, 11
PROBABILITY OF CONTACT	117	3	34	PROBABILITY OF CONTACT	143	4	12
SECOND OBJECT CONTACTED	118	3	35, 36	SECOND OBJECT CONTACTED	144	4	13, 14
PROBABILITY OF CONTACT	119	3	37	PROBABILITY OF CONTACT	145	4	15
THIRD OBJECT OF CONTACT	120	3	38, 39	THIRD OBJECT OF CONTACT	146	4	16, 17
PROBABILITY OF CONTACT	121	3	40	PROBABILITY OF CONTACT	147	4	18
FOURTH OBJECT CONTACTED	122	3	41, 42	FOURTH OBJECT CONTACTED	148	4	19, 20
PROBABILITY OF CONTACT	123	3	43	PROBABILITY OF CONTACT	149	4	21
<u>THIRD MOST SEVERE INJURY</u> (Code as above, leave blank if not relevant)				<u>FIFTH MOST SEVERE INJURY</u> (Code as above, leave blank if not relevant)			
BODY REGION	124	3	45, 46	BODY REGION	150	4	23, 24
ASPECT	125	3	47, 48	ASPECT	151	4	25, 26
LESION	126	3	49, 50	LESION	152	4	27, 28
SYSTEM/ORGAN	127	3	51, 52	SYSTEM/ORGAN	153	4	29, 30
ABBREVIATED INJURY SCALE	128	3	53	ABBREVIATED INJURY SCALE	154	4	31
FIRST OBJECT CONTACTED, ETC.	129	3	54, 55	FIRST OBJECT CONTACTED, ETC.	155	4	32, 33
PROBABILITY OF CONTACT	130	3	56	PROBABILITY OF CONTACT	156	4	34
SECOND OBJECT CONTACTED	131	3	57, 58	SECOND OBJECT CONTACTED	157	4	35, 36
PROBABILITY OF CONTACT	132	3	59	PROBABILITY OF CONTACT	158	4	37
THIRD OBJECT CONTACTED	133	3	60, 61	THIRD OBJECT CONTACTED	159	4	38, 39
PROBABILITY OF CONTACT	134	3	62	PROBABILITY OF CONTACT	160	4	40
FOURTH OBJECT CONTACTED	135	3	63, 64	FOURTH OBJECT CONTACTED	161	4	41, 42
PROBABILITY OF CONTACT	136	3	65	PROBABILITY OF CONTACT	162	4	43

SIXTH MOST SEVERE INJURY
(Code as above,
leave blank if not
relevant)

BODY REGION	163	4	45, 46
ASPECT	164	4	47, 48
LESION	165	4	49, 50
SYSTEM/ORGAN	166	4	51, 52
ABBREVIATED INJURY SCALE	167	4	53
FIRST OBJECT CONTACTED ETC.	168	4	54, 55
PROBABILITY OF CONTACT	169	4	56
SECOND OBJECT CONTACTED	170	4	57, 58
PROBABILITY OF CONTACT	171	4	59
THIRD OBJECT CONTACTED	172	4	60, 61
PROBABILITY OF CONTACT	173	4	62
FOURTH OBJECT CONTACTED	174	4	63, 64
PROBABILITY OF CONTACT	175	4	65

SEVENTH MOST SEVERE INJURY
(Code as above,
leave blank if not
relevant)

BODY REGION	176	5	1, 2
ASPECT	177	5	3, 4
LESION	178	5	5, 6
SYSTEM/ORGAN	179	5	7, 8
ABBREVIATED INJURY SCALE	180	5	9
FIRST OBJECT CONTACTED	181	5	10, 11
PROBABILITY OF CONTACT	182	5	12
SECOND OBJECT CONTACTED	183	5	13, 14
PROBABILITY OF CONTACT	184	5	15
THIRD OBJECT CONTACTED	185	5	16, 17
PROBABILITY OF CONTACT	186	5	18
FOURTH OBJECT CONTACTED	187	5	19, 20
PROBABILITY OF CONTACT	188	5	21

EIGHTH MOST SEVERE INJURY
(Code as above,
leave blank if not
relevant)

BODY REGION	189	5	23, 24
ASPECT	190	5	25, 26
LESION	191	5	27, 28
SYSTEM/ORGAN	192	5	29, 30
ABBREVIATED INJURY SCALE	193	5	31
FIRST OBJECT CONTACTED ETC.	194	5	32, 33
PROBABILITY OF CONTACT	195	5	34
SECOND OBJECT CONTACTED	196	5	35, 36
PROBABILITY OF CONTACT	197	5	37
THIRD OBJECT CONTACTED	198	5	38, 39
PROBABILITY OF CONTACT	199	5	40
FOURTH OBJECT CONTACTED	200	5	41, 42
PROBABILITY OF CONTACT	201	5	43

NINTH MOST SEVERE INJURY
(Code as above,
leave blank if not
relevant)

BODY REGION	202	5	45, 46
ASPECT	203	5	47, 48
LESION	204	5	49, 50
SYSTEM/ORGAN	205	5	51, 52
ABBREVIATED INJURY SCALE	206	5	53
FIRST OBJECT CONTACTED ETC.	207	5	54, 55
PROBABILITY OF CONTACT	208	5	56
SECOND OBJECT CONTACTED	209	5	57, 58
PROBABILITY OF CONTACT	210	5	59
THIRD OBJECT CONTACTED	211	5	60, 61
PROBABILITY OF CONTACT	212	5	62
FOURTH OBJECT CONTACTED	213	5	63, 64
PROBABILITY OF CONTACT	214	5	65

ACTIVE PARTICIPANT CODE

NAME	VARIABLE	NO.	LINE NO.	COLUMN NO.	NAME	VARIABLE	NO.	LINE NO.	COLUMN NO.
FILE IDENTIFICATION		001	1	1	05	Completed post high school study			
5 Active participant code					06	Matriculant			
					07	Current high school			
CASE NUMBER		002	1	3-5	08	Secondary school leaver			
e.g. 045					09	Technical graduate			
UNIT NUMBER		003	1	7, 8	10	Partial-technical schooling			
e.g. 03					11	Primary			
SUBJECT NUMBER FOR ACTIVE PARTICIPANT IN THIS UNIT		004	1	10, 11	12	Less than primary			
e.g. 01					13	Current primary school study			
TYPE OF ACTIVE PARTICIPANT		005	1	13	14	Pre-school			
1 Pedestrian					15	Other			
2 Pedal cyclist					16	Partial tertiary			
3 Motor cyclist					99	Unknown			
4 Car driver					OCCUPATION (FORMER OCCUPATION IF RETIRED, USUAL OCCUPATION IF UNEMPLOYED)				
5 Light truck driver					01	Professional	012	1	27, 28
6 Heavy truck driver					02	Business executive			
7 Omnibus driver					03	Proprietor large business			
8 Articulated vehicle driver					04	Proprietor small business			
9 Operator of other type of traffic unit					05	Office and sales worker			
AGE		006	1	14, 15	06	Farmer			
00 Less than 1 year					07	Skilled worker			
01 1 year to less than 2 years					08	Semiskilled worker			
98 98 years and over					09	Unskilled worker			
99 Not known					10	Student			
SEX		007	1	16	11	Home duties			
1 Male					13	Pre-school			
2 Female					14	Other			
9 Not known					99	Unknown			
HEIGHT		008	1	17 - 19	N.B. No category (12)				
Code actual height (in cms)					EMPLOYMENT STATUS				
999 Not known					1	Active	013	1	29
WEIGHT		009	1	20 - 22	2	Retired - superannuation			
Code actual weight (in kg)					3	Retired - pension			
095 95 kg					4	Non active - pension			
MARITAL STATUS		010	1	23	5	Unemployed			
1 Single (never married)					6	Other			
2 Single (widowed)					9	Unknown			
3 Single (divorced)					CLOTHING (PEDESTRIAN, CYCLIST, MOTORCYCLIST)				
4 Married (separated)					014	1	30		
5 Married (defacto)					1	Light			
6 Married (legal)					2	Light - reflective			
7 Other					3	Bright			
9 Unknown					4	Bright - reflective			
EDUCATION LEVEL		011	1	25, 26	5	Dull			
01 Postgraduate					6	Dark			
02 University graduate					7	Not applicable			
03 Other tertiary graduate					9	Unknown			
04 Current post high school study (continued)					CONSPICUITY UNDER CONDITIONS PREVAILING AT ACCIDENT (PEDESTRIAN, CYCLIST, MOTORCYCLIST)				
					015	1	31		
					1	Conspicuous			
					2	Fairly conspicuous			
					3	Inconspicuous - possibly relevant to accident (continued)			

4 Inconspicuous - not relevant to accident				LENS MOUNTING	024	1	44
5 Not applicable				1 Thick frame (plastic)			
9 Unknown				2 Thick frame (metal)			
FOOTWEAR	016	1	32	3 Contact lenses			
0 None				4 Other than the above			
1 Lace-up shoes				9 Unknown			
2 Slip-on shoes				Leave blank if not relevant			
3 Boots				RESTRICTION OF PERIPHERAL VISUAL FIELD BY GLASSES	025	1	45
4 Sandals				1 Yes			
5 Thongs				2 Possibly			
6 Slippers				3 No			
7 Platform soles, heels				9 Not known			
8 Other than the above				Leave blank if not relevant			
9 Unknown				LENS TINTING	026	1	46
VISION AND HEARING				1 None			
STATIC VISUAL ACUITY - RIGHT EYE	017	1	34, 35	2 Coloured (not polarised)			
Code actual two digit rating following 6/97 Unable to test under accident conditions (glasses broken or missing)				3 Coloured (polarised)			
98 Blind				4 Photosensitive			
STATIC VISUAL ACUITY - LEFT EYE	018	1	36, 37	5 Clip-on coloured lenses			
Code as above				6 Other than the above			
VISUAL FIELD	019	1	38	9 Unknown			
1 Normal				Leave blank if not relevant			
2 Impaired				SUNGLASSES ONLY	027	1	47
9 Not known				1 Normally worn driving			
COLOUR VISION	020	1	39	2 Not normally worn driving			
Code as above				9 Unknown			
GLASSES NORMALLY WORN (TO CORRECT LISTED CONDITION)	021	1	40	Leave blank if not relevant			
1 Not worn				HEARING	028	1	48
2 Short sighted				1 Both ears hear watch			
3 Long sighted				2 Right ear hears watch, left does not			
4 Short and long sighted (bifocals)				3 Left ear hears watch, right does not			
5 Astigmatism				4 Neither ear hears watch, but able to hear normal conversation			
6 Other and combination of above				5 Not able to hear watch or conversation at normal level			
7 Worn (condition corrected unknown)				6 Completely deaf			
9 Unknown				7 Other than the above			
GLASSES WORN AT ACCIDENT (TO CORRECT LISTED CONDITION)	022	1	41	8 Not tested - no evidence of deficiency			
Code as above plus				9 Unknown			
8 Sunglasses (non-corrective)				SLEEP PATTERN			
PERIOD GLASSES WORN (EXCLUDING SUN-GLASSES)	023	1	42	HOURS SLEPT PREVIOUS NIGHT	029	1	50, 51
1 1 - 7 days				Code actual number of hours e.g.			
2 8 days - 1 month				07 Seven hours			
3 More than 1 month, up to 6 months				99 Not known			
4 6 months or more							
9 Unknown							
Leave blank if not relevant							

AVERAGE HOURS SLEPT
PER DAY 030 1 52, 53
Code as above

RECENT HOURS SLEPT
PER DAY 031 1 54, 55
Code as above

NATURE OF SLEEP 032 1 56
1 Continuous
2 Intermittent
3 Other than the
above
9 Not known

USUAL NATURE OF
SLEEP 033 1 57
Code as above

RECENT NATURE OF
SLEEP 034 1 58
Code as above

RECENT SLEEP PATTERN
(COMPARED TO USUAL) 035 1 59
1 Similar
2 Dissimilar
9 Unknown

SMOKING

PREDOMINANT TYPE OF
TOBACCO PRODUCT USED 036 1 61
1 None
2 Cigarettes,
tailor-made
3 Cigarettes,
ready-rolled
4 Cigars
5 Pipe
6 Other than the
above
9 Unknown

AVERAGE DAILY
CIGARETTE CONSUMPTION 037 1 62
1 None
2 Less than 5
3 5 to 9
4 10 - 19
5 20 - 29
6 30 or more
9 Unknown

CIGARETTE CONSUMPTION
ON DAY OF ACCIDENT 038 1 63
Code as above

AVERAGE DAILY TOBACCO
CONSUMPTION (OTHER
THAN CIGARETTES) 039 1 64, 65
Code estimated weight
in gms.
00 None
05 5 gms
98 Not applicable
99 Unknown

TOBACCO CONSUMPTION
ON DAY OF ACCIDENT
(OTHER THAN
CIGARETTES) 040 1 66, 67
Code as above

SMOKING AT TIME OF
ACCIDENT? 041 1 68
1 Yes
2 Possibly
3 No
9 Unknown

ALCOHOL

USUAL FREQUENCY OF
ALCOHOL CONSUMPTION 042 1 70
1 Never
2 Hardly ever
3 Less than once
per month
4 About once per
month
5 About once per
fortnight
6 About once per
week
7 Two to four
times per week
8 More than four
times per week
9 Unknown

PREDOMINANT TYPE OF
ALCOHOLIC BEVERAGE
CONSUMED 043 1 71
1 Beer
2 Wine
3 Cider
4 Fortified wine
5 Spirits
6 Other than the
above
9 Unknown
Leave blank if not
relevant

USUAL AMOUNT OF
ALCOHOLIC BEVERAGE
CONSUMED 044 2 1, 2
Code estimated
amount in number of
drinks (up to 20
glasses)
01 One
02 Two
21 Considerable,
although unknown
amount
22 Limited, although
unknown amount
23 Variable (e.g. a
few glasses daily
but a significant
amount once per
week)
98 Not applicable
(does not drink)
99 Unknown

AMOUNT OF ALCOHOLIC
BEVERAGE CONSUMED
DURING 12 HOURS
PRECEDING ACCIDENT 045 2 3, 4
Code as above

STARTED DRINKING HOW
LONG BEFORE ACCIDENT? 046 2 5, 6
Code estimated time
in hours
00 Less than one hour
01 One hour but less
than 2 hours
24 24 hours or more
98 Not applicable
(not drinking
prior to accident)
99 Unknown

STOPPED DRINKING HOW
LONG BEFORE ACCIDENT? 047 2 7, 8
Code as above

PLACE OF ALCOHOL CONSUMPTION ON THIS OCCASION	048	2	9		<u>OTHER DRUGS, INTOXICANTS</u>			
1 Home					CARBON MONOXIDE POISONING	056	2	21
2 Friend's/relative's house					1 Yes			
3 Hotel					2 Possibly, not certain			
4 Restaurant					3 Not suspected			
5 Club					4 Other than the above			
6 Car					9 Unknown			
7 At scene of accident					CURRENT MEDICATION: PRESCRIPTION DRUGS - EFFECTS ON RESPONSE	057	2	22
8 Other than the above					1 No current prescription drug			
9 Unknown					2 Drug having no known effect on response			
Leave blank if not applicable					3 Drug having some effect on response			
SUBJECTIVE ASSESSMENT OF INTOXICATION AT SCENE OF ACCIDENT OR SOON AFTER	049	2	10		4 Drug having a marked effect on response			
1 Nil					5 Other drug, effect on response variable			
2 Insignificant					6 Other than the above			
3 Slight					9 Unknown			
4 Moderate					CURRENT MEDICATION: PREDOMINANT NON-PRESCRIPTION DRUG	058	2	23
5 Severe					1 None			
9 Unknown					2 Analgesics			
BREATH SAMPLE TAKEN BY RESEARCH TEAM	050	2	11		3 Antihistamines			
1 Yes					4 Tranquillizers			
2 No, not attempted					5 Stimulants			
3 No, refused					6 Other than the above			
4 No, under 14 years					7 Marijuana			
5 No, other reason					9 Unknown			
6 Not applicable (other measure available)					CURRENT MEDICATION: OTHER NON-PRESCRIPTION DRUG	059	2	24
9 Unknown					Code as above			
BREATH SAMPLE TAKEN BY POLICE?	051	2	12		ARE ANY OF THE ABOVE DRUGS INCOMPATIBLE WITH ALCOHOL?	060	2	25
Code as above					1 Yes			
BLOOD-ALCOHOL ESTIMATE FROM RESEARCH TEAM SAMPLE	052	2	13, 14		2 Possibly			
Code reading in mgm% (x 100)					3 No			
00 Zero					4 Other than the above			
08 .08					8 Not applicable (no alcohol consumed)			
98 Not applicable (no sample taken)					9 Unknown			
99 Unknown					<u>HEALTH</u>			
BLOOD ALCOHOL ESTIMATE FROM POLICE SAMPLE	053	2	15, 16		GENERAL HEALTH: CONDITION	061	2	26
Code as above, with 97 Alcotest only					1 Good, no reported ailment at time of accident			
BLOOD SAMPLE TAKEN AT HOSPITAL?	054	2	17		2 Generally good, minor ailment at time of accident			
1 Yes					3 Poor			
2 No, not attempted					4 Pregnant 0-3 months			
3 No, refused					5 Pregnant 4-6 months			
4 No, under 14 years					6 Pregnant 7-9 months			
5 No, other reason					7 Other than the above			
8 Not applicable (not taken to hospital)					9 Unknown			
9 Unknown								
BLOOD ALCOHOL READING FROM HOSPITAL SAMPLE	055	2	18, 19					
Code as previously								

GENERAL HEALTH:
 TYPE OF CURRENT
 ILLNESS, IF ANY 062 2 27
 Illness involving
 1 CVS
 2 Respiratory system
 3 Alimentary tract
 4 Urogenital system
 5 Skin, MSS
 6 Vision
 7 Hearing
 8 Psyche, CNS
 9 Not known
 Leave blank if not
 relevant

RELEVANCE OF CURRENT
 ILLNESS TO PERFORM-
 ANCE 063 2 28
 1 Significant
 disability
 2 Marginal
 disability
 3 No apparent
 disability
 4 Other than the
 above
 5 Possibly relevant
 disability
 9 Unknown

HISTORY OF ILLNESS 064 2 29
 1 Past illness of
 significance to
 this accident
 2 Past illness of
 marginal rele-
 vance to this
 accident
 3 Past illness of
 no relevance
 4 No reported past
 illness
 5 Other than the
 above
 9 Unknown

FAMILY HISTORY OF
 ILLNESS 065 2 30
 1 Heart disease
 2 Diabetes
 3 Epilepsy
 4 Other than the
 above, also
 possibly relevant
 to performance
 5 Combinations of
 the above
 6 None reported
 9 Unknown

TIME TO NEXT
 MENSTRUAL PERIOD 066 2 31, 32
 Code time in days
 01 One day
 20 Twenty days
 90 Period on day of
 accident
 93 Current menopause,
 little worry
 94 Current menopause,
 significant
 problems
 96 Irregular period,
 time not known by
 subject
 97 Pre-menache
 98 Post-menopause
 99 Unknown
 Leave blank if male
 or pregnant female

DYSMENORRHEA 067 2 33
 1 Occurs, present
 at time of
 accident
 2 Occurs, but not
 relevant to
 accident
 3 Does not occur
 4 Other than the
 above
 9 Unknown
 Leave blank if not
 relevant

PRE-MENSTRUAL
 TENSION 068 2 34
 1 Occurs, present
 at time of
 accident
 2 Occurs, but not
 relevant to
 accident
 3 Does not occur
 4 Other than the
 above
 9 Unknown
 Leave blank if not
 relevant

DRIVING RECORD

TYPE OF FIRST
 LICENCE OBTAINED 069 2 35, 36
 01 Class 1
 02 Class 2
 03 Class 3
 04 Class 4
 05 Class 5
 06 (1 and 4)
 07 (2 and 4)
 08 (3 and 4)
 09 (1 and 5)
 10 (2 and 5)
 11 (3 and 5)
 12 (4 and 5)
 13 (1 and 4 and 5)
 14 (2 and 4 and 5)
 15 (3 and 4 and 5)
 16 Other Australian
 State Licence
 17 Overseas licence
 18 No licence ever
 held
 19 Unclassified,
 driving test
 required
 20 Unclassified,
 written test
 required
 21 Unclassified, no
 test required
 22 Learner's permit
 only
 97 Other than the
 above
 99 Unknown

TYPE OF CURRENT
 LICENCE 070 2 37, 38
 Code as above except
 delete (19, 20, 21)

CURRENT RELEVANT
 LICENCE STATUS 071 2 39
 1 Full licence
 2 Learner's/
 probationary
 3 Suspended licence
 4 None
 5 Other than the
 above (continued)

8	Not applicable (licensed pedal cyclist or pedestrian)				IF RELEVANT LICENCE HELD FOR LESS THAN ONE YEAR, CODE PERIOD IN MONTHS	076	2	47
9	Unknown				Code as previously			
	PLACE FIRST LICENCE OBTAINED	072	2	40, 41	LICENCE RESTRICTION	077	2	48
01	S.A.				1 Whilst wearing spectacles or contact lenses, etc.			
02	Victoria				2 To drive only outside a radius of 25 km of the G.P.O. Adelaide			
03	N.S.W.				3 Specific restric- tion other than the above			
04	A.C.T.				9 Unknown			
05	Queensland				Leave blank if not relevant			
06	N.T.				LICENCE RESTRICTION: COMPLIANCE AT ACCIDENT?	078	2	49
07	W.A.				1 Yes			
08	Tasmania				2 Probable			
09	New Zealand				3 No			
10	T.P.N.G.				9 Unknown			
11	U.K.				LICENCE SUSPENSION OR REVOCATION IN FORCE AT TIME OF ACCIDENT?	079	2	51
12	Eire				1 Licence revoked			
13	India, Pakistan Burma, Ceylon				2 Licence suspended			
14	Malaysia, Singapore, Thailand, Hongkong				3 Suspension re- stricting purpose or hours of driving			
15	Japan				4 Suspension of licence for other class of vehicle			
16	Other country which drives on the left				5 No suspension or revocation			
17	Indonesia				6 No relevant licence held			
18	Vietnam, Laos, Cambodia				8 Not applicable (licensed pedal cyclist or pedestrian)			
19	U.S.A.				9 Unknown			
20	Canada				TOTAL PERIOD OF LICENCE SUSPENSION ON THIS OCCASION	080	2	52
21	Italy				1 Less than 1 month			
22	Greece				2 1 month to less than 3 months			
23	Yugoslavia				3 3 months to less than 6 months			
24	West Germany				4 6 months to less than 12 months			
25	Other European country				5 1 year or more (for a specific period)			
26	Other country which drives on the right				6 Licence revoked			
27	Sweden				7 Other than the above			
28	Other than the above				9 Unknown			
99	Unknown				PERIOD BETWEEN START OF LICENCE SUSPENSION ON THIS OCCASION AND DATE OF ACCIDENT	081	2	53
	Leave blank if not relevant				Code as above			
	TIME SINCE FIRST OBTAINED ANY CLASS OF LICENCE	073	2	42, 43				
	Code period in years							
00	Less than 1 year							
01	1 year to less than 2 years							
97	Long time - specific period not known							
98	Not applicable							
99	Unknown							
	IF LICENCE HELD FOR LESS THAN ONE YEAR CODE PERIOD IN MONTHS MONTHS	074	2	44				
0	Less than 1 month							
1	1 month to less than 2 months							
7	7 months to less than 1 year							
8	Not applicable							
9	Unknown							
	TIME SINCE FIRST OBTAINED RELEVANT LICENCE	075	2	45, 46				
	Code as previously							

IF LICENCE SUSPENDED AT TIME OF ACCIDENT WAS DRIVER CONTINUING TO DRIVE REGULARLY?	082	2	54	DID DRIVER CONTINUE TO DRIVE DURING THE ABOVE LICENCE SUSPENSION? Code as previously	089	2	61
1 No change in normal driving frequency				REASON FOR THE ABOVE LICENCE SUSPENSION Code as previously	090	2	62
2 Some restriction on normal driving frequency				PREDOMINANT TYPE OF DRIVING INSTRUCTION	091	2	63
3 Essential driving only				1 Road Safety Council - long course			
4 Drove only once or twice				2 Road Safety Council - short course			
5 Other than the above				3 Other course similar to the above (military etc.)			
8 Not applicable (driver did not drive during suspension or suspension not yet served)				4 Commercial driving instruction			
9 Unknown				5 Taught by relative or friend			
REASON FOR LICENCE SUSPENSION	083	2	55	6 Self taught			
1 Accumulation of demerit points				7 Other than the above			
2 Alcohol-related offence				8 Not applicable (licensed pedal cyclist or pedestrian)			
3 Single moving violation other than the above				9 Unknown			
4 Other reason				OTHER TYPE OF DRIVING INSTRUCTION Code as above	092	2	64
9 Unknown				NUMBER OF MOVING VIOLATIONS IN THE PAST 5 YEARS (EXCLUDING ANY RELATING TO THIS ACCIDENT) Code actual number	093	2	65
LICENCE EVER SUSPENDED OR REVOKED? (APART FROM ANY CURRENT SUSPENSION OR REVOCATION)	084	2	56	0 None			
1 Suspended once				6 Six or more			
2 Suspended twice				7 Greater than one - unknown number			
3 Suspended more than twice				8 Not applicable			
4 Revoked				9 Unknown			
5 Other than the above				TYPE OF MOST RECENT MOVING VIOLATION	094	2	67, 68
6 No				01 Failure to stand			
7 No licence ever held				02 Failure to give way			
9 Unknown				03 Exceeding speed limit			
IF LICENCE SUSPENDED PREVIOUSLY, FOR WHAT PERIOD? (MOST RECENT SUSPENSION, OTHER THAN ANY IN FORCE AT TIME OF ACCIDENT) Code as previously	085	2	57	04 Driving without due care			
DID DRIVER CONTINUE TO DRIVE DURING THE ABOVE LICENCE SUSPENSION? Code as previously	086	2	58	05 Dangerous driving			
REASON FOR THE ABOVE LICENCE SUSPENSION Code as previously	087	3	59	06 Exceeding 0.08			
PERIOD OF NEXT MOST RECENT LICENCE SUSPENSION Code as previously	088	2	60	07 Driving under the influence			
				08 Registration breaches			
				09 Disobey traffic lights			
				10 Driving without due care and failing to give way			
				11 Driving without due care and exceeding 0.08			
				12 No lights on pedal cycle (continued)			

13 Refusing breath-alyser				TYPE OF MOVING VIOLATION PRIOR TO THE ABOVE	098	3	3, 4
14 Changing lanes to endanger				Code as previously			
15 Driving without due care and without a licence				FINE FOR THE ABOVE MOVING VIOLATION	099	3	5, 6
16 Spot light on vehicle				Code as previously			
17 Failure to stop at a stop sign				TYPE OF MOVING VIOLATION PRIOR TO THE ABOVE	100	3	7, 8
18 Parking a truck without lights or reflectors				Code as previously			
19 Changing lanes without indicating				FINE FOR THE ABOVE MOVING VIOLATION	101	3	9, 10
20 Failure to stop at a stop sign and contravening a learner's permit				Code as previously			
21 Executing a U-turn at an intersection				TYPE OF MOVING VIOLATION PRIOR TO THE ABOVE	102	3	11, 12
22 Exceeding 0.08 and driving without a licence				Code as previously			
23 Logbook violation				FINE FOR THE ABOVE MOVING VIOLATION	103	3	13, 14
24 Failure to stand and driving without due care				Code as previously			
25 Crossing double lines				CHARGES FOR MOVING VIOLATIONS ARISING FROM THIS ACCIDENT (FATALS AND JUVENILES INCLUDED IN NON-CHARGED GROUP)	104	3	15, 16
26 Failure to wear a seat belt				Code as previously			
27 Driving under the influence and driving without a licence				FINE FOR THE ABOVE MOVING VIOLATION	105	3	17, 18
28 Driving under the influence and dangerous driving				Code as previously			
29 Parking on a clearway				LICENCE SUSPENSION OR REVOCATION AS A CONSEQUENCE OF THIS ACCIDENT?	106	3	19
30 Failure to wear a helmet				1 No suspension or revocation			
31 Stopping on a freeway				2 Licence suspended for other class of vehicle			
32 Driving under the influence and driving without due care				3 Suspension restricting hours or type of use of vehicle			
33 Exceeding 0.08 and driving under suspension				4 Licence suspended			
34 Exceeding 0.08 and failure to give way				5 Licence revoked			
99 Unknown				6 Imprisoned			
Leave blank if not relevant				7 Not applicable (no licence held, or fatal)			
				8 Not applicable (licensed pedal cyclist or pedestrian)			
FINE FOR MOST RECENT MOVING VIOLATION (EXCLUDING COSTS)	095	2	69, 70	9 Unknown			
Code amount of fine in tens of dollars							
00 Nil				PERIOD OF LICENCE SUSPENSION	107	3	20
01 Less than \$20				1 Less than 1 month			
02 \$20 to less than \$30 etc.				2 1 month to less than 3 months			
98 Not applicable				3 3 months to less than 6 months			
99 Unknown				4 6 months to less than 12 months			
TYPE OF MOVING VIOLATION PRIOR TO THE ABOVE	096	2	71, 72	5 1 year or more (for a specified period)			
Code as previously				6 Licence revoked			
FINE FOR THE ABOVE MOVING VIOLATION	097	3	1, 2	7 Other than the above			
Code as previously				9 Unknown			

NUMBER OF PREVIOUS ACCIDENTS (WHEN AN ACTIVE PARTICIPANT) Code actual number	108	3	22	INJURY TO SELF IN THE ABOVE ACCIDENT? Code as previously	116	3	31
0 None							
7 Seven or more							
8 Greater than one, unknown number				MOST SEVERE INJURY TO OTHER PARTY IN THE ABOVE ACCIDENT Code as previously	117	3	32
9 Unknown							
NATURE OF MOST RECENT PREVIOUS ACCIDENT	109	3	23	PENALTY RESULTING FROM THE ABOVE ACCIDENT Code as previously	118	3	33
1 Pedestrian							
2 Rollover (motor-cycle: slide down)							
3 Ran off road				NATURE OF THE NEXT MOST RECENT ACCIDENT Code as previously	119	3	35
4 Intersection							
5 Rear end							
6 Head on							
7 Side swipe				PARTY MOST AT FAULT IN THE ABOVE ACCIDENT Code as previously	120	3	36
8 Other than the above							
9 Unknown							
PARTY MOST AT FAULT IN THE ABOVE ACCIDENT	110	3	24	INJURY TO SELF IN THE ABOVE ACCIDENT? Code as previously	121	3	37
1 Self							
2 Other party							
3 Combination of above				MOST SEVERE INJURY TO OTHER PARTY IN THE ABOVE ACCIDENT Code as previously	122	3	38
4 Neither							
5 Other than the above							
9 Unknown				PENALTY RESULTING FROM THE ABOVE ACCIDENT Code as previously	123	3	39
INJURY TO SELF IN THE ABOVE ACCIDENT?	111	3	25				
1 No				NATURE OF THE NEXT MOST RECENT PREVIOUS ACCIDENT Code as previously	124	3	41
2 Minor							
3 Moderate, hospitalised no residual disability							
4 Severe, residual disability				PARTY MOST AT FAULT IN THE ABOVE ACCIDENT Code as previously	125	3	42
9 Unknown							
MOST SEVERE INJURY TO OTHER PARTY IN THE ABOVE ACCIDENT Code as above, with	112	3	26	INJURY TO SELF IN THE ABOVE ACCIDENT? Code as previously	126	3	43
5 Fatal							
8 Not applicable (animal or no other party)				MOST SEVERE INJURY TO OTHER PARTY IN THE ABOVE ACCIDENT Code as previously	127	3	44
PENALTY RESULTING FROM THE ABOVE ACCIDENT	113	3	27				
1 None				PENALTY RESULTING FROM THE ABOVE ACCIDENT Code as previously	128	3	45
2 Fine							
3 Licence suspension							
4 Fine and licence suspension				NATURE OF THE MOST SEVERE (IN TERMS OF INJURIES) PREVIOUS ACCIDENT OTHER THAN THE ABOVE Code as previously	129	3	47
5 Imprisonment							
6 Other than the above							
9 Unknown				PARTY MOST AT FAULT IN THE ABOVE ACCIDENT Code as previously	130	3	48
NATURE OF THE NEXT MOST RECENT ACCIDENT Code as previously	114	3	29				
				INJURY TO SELF IN THE ABOVE ACCIDENT? Code as previously	131	3	49
PARTY MOST AT FAULT IN THE ABOVE ACCIDENT Code as previously	115	3	30				

MOST SEVERE INJURY TO OTHER PARTY IN THE ABOVE ACCIDENT Code as previously	132	3	50	8 Not applicable (not own vehicle) 9 Unknown		
PENALTY RESULTING FROM THE ABOVE ACCIDENT Code as previously	133	3	51	FREQUENCY OF USE OF ACCIDENT VEHICLE 1 Daily 2 Four to 5 times per week 3 Two to 3 times per week 4 Once per week 5 Once per month 6 Seldom 7 Never before 8 Only last day or so 9 Unknown	140	3 62
MOST SEVERE INJURY TO SELF IN AN ACCIDENT IN WHICH NOT ACTIVELY INVOLVED AS A DRIVER, ETC. Code as previously	134	3	53			
MOST SEVERE INJURY TO OTHER PARTY IN AN ACCIDENT IN WHICH THIS DRIVER WAS INVOLVED, BUT NOT AS AN ACTIVE PARTICIPANT Code as previously	135	3	54	AVERAGE DISTANCE DRIVEN PER WEEK Code estimated distance in tens of kms. 000 Nil 010 100 km 777 Variable - considerable	141	3 63 - 65
ACCIDENT HISTORY OF FRIENDS AND FAMILY 1 Common experience 2 Occasional experience 3 Very rare experience 4 No experience 5 Other than the above 9 Unknown	136	3	55	888 Not applicable 999 Unknown		
HISTORY OF INJURY-PRODUCING ACCIDENTS INVOLVING FRIENDS AND FAMILY Code as above	137	3	56	RECENT DRIVING EXPERIENCE 1 Significantly more than usual 2 Usual 3 Significantly less than usual 4 Other than the above 9 Unknown Leave blank if pedestrian	142	3 66
<u>VEHICLE EXPERIENCE</u>						
OWNERSHIP OF ACCIDENT VEHICLE 1 Driver/rider 2 Spouse, parent, other family member 3 Friend 4 Casual acquaintance 5 Employer 6 Rented 7 Stolen 8 Other than the above 9 Unknown	138	3	60	POSSIBLE CONFUSION ARISING FROM RECENT EXPERIENCE IN ANOTHER VEHICLE 1 Yes, certainly 2 Possibly 3 No 9 Unknown Leave blank if no recent experience in another vehicle	143	3 67
LENGTH OF OWNERSHIP (OR USE IF DRIVING COMPANY CAR REGULARLY) 1 Less than one month 2 One to less than 3 months 3 Three to less than 6 months 4 Six to less than 12 months 5 One to less than 2 years 6 Two to less than 5 years 7 Five years or more (continued)	139	3	61	SOURCE OF POSSIBLE CONFUSION Difference in 1 Transmission type 2 Operating controls 3 Handling characteristics 4 Braking characteristics 5 Vehicle size 6 Engine power output 7 Visual factors 8 Not applicable (coded 3 in VAR143) 9 Unknown Leave blank if no recent experience in another vehicle	144	3 68

VEHICLE EXPERIENCE -
MOTORCYCLIST ONLY

TYPE OF MOTORCYCLE
PREVIOUSLY RIDDEN
(MOST RECENT)

	145	3	70
1. Road - touring, commuter			
2 Road - sports racer			
3 Road and trail			
4 Off road			
5 Minibike, scooter			
6 Motorcycle with sidecar			
7 Other than the above			
8 None			
9 Unknown			

EXPERIENCE ON ABOVE
MOTORCYCLE

	146	3	71
1 Less than one month			
2 1 to less than 3 months			
3 3 to less than 6 months			
4 6 to less than 12 months			
5 1 to less than 2 years			
6 2 to less than 5 years			
7 Five years or more			
9 Unknown			

CAPACITY OF ABOVE
MOTORCYCLE

	147	4	1 - 3
Code actual capa- city in cc			
998 998 cc or greater			
999 Unknown			

TYPE OF MOTORCYCLE
MOST OFTEN RIDDEN
PREVIOUSLY (OR
SECOND MOST RECENT)
Code as previously

	148	4	4
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EXPERIENCE ON ABOVE
MOTORCYCLE
Code as previously

	149	4	5
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CAPACITY OF ABOVE
MOTORCYCLE

	150	4	6 - 8
Code as previously			

USUAL METHOD OF
BRAKE APPLICATION

	151	4	9
1 Front brake only			
2 Rear brake only			
3 Front and rear			
4 Other than the above			
8 Not applicable, (does not normally ride motorcycle)			
9 Unknown			

METHOD OF BRAKE
APPLICATION IN THIS
ACCIDENT

	152	4	10
Code as above, with			
5 Not applied			

REASON FOR NOT
USING FRONT BRAKE
IN THIS ACCIDENT

	153	4	11
1 Never used previously			
2 Used previously, but informed that instability may arise			
3 Previous experience of instability when using front brake			
4 Failed to react correctly in emergency situation			
5 Road surface condition thought to be inappro- priate			
6 Brake inefficient or inoperative			
7 No braking effected			
8 Not applicable (front brake used, or braking not an appropriate response)			
9 Unknown			

ACCUSTOMED TO
LOCATION OF REAR
BRAKE PEDAL?

	154	4	12
1 Yes, pedal on right			
2 Yes, pedal on left			
3 No, pedal on right			
4 No, pedal on left			
7 Braking not an appropriate response			
8 Not applicable (does not normally ride motorcycle)			
9 Unknown			

MOTORCYCLIST ALSO
DRIVES CAR?

	156	4	14
1 No, never			
2 Yes, rarely but not recently			
3 Yes, rarely and recently			
4 Yes, occasionally but not recently			
5 Yes, occasionally and recently			
6 Yes, regularly			
7 Other than the above			
8 Unknown			

VEHICLE EXPERIENCE -
PEDAL CYCLIST

ACCUSTOMED TO RIDING
A PEDAL CYCLE?

	157	4	15
1 Yes, regularly			
2 Yes, occasionally but not recently			
3 Yes, but rarely and not recently			
4 No			
9 Unknown			

ACCUSTOMED TO RIDING THIS PEDAL CYCLE?	158	4	16	5	No, rigid schedule			
1 Yes, regularly				6	Other than the above			
2 Yes, occasionally				8	Not applicable (no specific destination)			
3 No				9	Unknown			
4 Other than the above								
9 Unknown								
<u>PRE-ACCIDENT FACTORS</u>								
ORIGIN OF JOURNEY: TYPE	159	4	18, 19	PURPOSE OF JOURNEY	164	4	32	
01 Home				1	Commuting to or from work, school			
02 Work				2	Business			
03 Business, professional office (3rd party)				3	Recreational			
04 Routinely on road (taxi, etc.)				4	Social			
05 Shopping				5	Shopping			
06 School, university etc.				6	Pleasure drive			
07 Church, public meeting				7	Routinely on road (taxi, etc.)			
08 Public entertainment				8	Other than the above			
09 Sporting fixture (includes gambling activities)				9	Unknown			
10 Hospital, institution, etc.				SOCIAL INTERACTIONS PRIOR TO JOURNEY	165	4	33	
11 House of friends or relatives - not a party				1	Routine unemotive			
12 Hotel/bar/restaurant/party				2	Routine friendly			
13 Cruising around, sightseeing				3	Exciting			
14 Other than the above				4	Stressful			
15 Catching or alighting from bus, tram, etc.				5	Hostile			
16 Playing on or adjacent to road outside home, hall, etc.				6	Other than the above			
99 Unknown				8	Not applicable			
				9	Unknown			
ORIGIN OF JOURNEY: SUBURB	160	4	20 - 23	EMOTIONAL STATE PRIOR TO JOURNEY	166	4	34	
Postcode of suburb e.g: 5006 North Adelaide				1	Unemotive			
8888 Not applicable (coded 4,13,14,15 or 16 above)				2	Contented			
9999 Unknown				3	Excited			
				4	Anxious			
DESTINATION OF JOURNEY: TYPE	161	4	25, 26	5	Worried			
Code as previously				6	Depressed			
DESTINATION OF JOURNEY: SUBURB	162	4	27 - 30	7	Angry			
Code as previously				8	Other than the above			
RUNNING TO SCHEDULE AT TIME OF ACCIDENT?	163	4	31	9	Unknown			
1 Yes, rigid schedule				EMOTIONAL STATE PRIOR TO ACCIDENT	167	4	36	
2 Yes, approximate schedule				Code as above				
3 No reported schedule for journey				MENTAL ACTIVITY PRIOR TO ACCIDENT	168	4	37	
4 No, approximate schedule (continued)				1	Strongly pre-occupied			
				2	Mildly pre-occupied			
				3	Not preoccupied			
				4	Vague			
				5	Cannot recall			
				6	Other than the above			
				9	Unknown			
				PREOCCUPATION PRIOR TO ACCIDENT	169	4	38	
				1	None			
				2	Work, business, study			
				3	Monetary			
				4	Family			
				5	Other social relationship			
				6	Related to journey schedule			
				7	Other than the above			
				8	Not applicable (no recalled preoccupation)			
				9	Unknown			

RECENT PREOCCUPATIONS (PREVIOUS FEW DAYS OR WEEKS) Code as above	170	4	39	3 Vehicle structure aft of the driver
INCIDENTS DURING JOURNEY	171	4	40	4 Windscreen or window obscured by misting, soiled, wipers not operating or only partial clearing of screen
1 None				5 Sun visor
2 Unusual interaction with passenger				6 Accessories, ornaments
3 Near accident				7 Occupant of vehicle
4 Unusual action of other traffic				8 Other than the above
5 Unexpected delay or stop				9 Unknown
6 Unexpected detour in journey				SECOND MOST SIGNIFICANT VISUAL RESTRICTION WITHIN VEHICLE
7 Losing way				Code as above
8 Other than the above				178 4 48
9 Unknown				THIRD MOST SIGNIFICANT VISUAL RESTRICTION WITHIN VEHICLE
VISUAL DISTRACTIONS AT TIME OF ACCIDENT	172	4	41	Code as above
1 None				179 4 49
2 Activity or presence of (other) vehicle/s				PRIMARY ACTIVITY (VEHICLE OPERATOR)
3 Activity or presence of (other) pedestrian/s				180 4 50, 51
4 Environmental feature				01 Passive (waiting at (red light, etc.)
5 Other than the above				02 Proceeding straight ahead, alone on straight road
9 Unknown				03 As for 02, but in traffic stream
PREDOMINANT VISUAL RESTRICTION OUTSIDE VEHICLE (OR FOR PEDESTRIAN, ETC.)	173	4	42	04 As for 02, but over-taking
1 None				05 Negotiating curved road alone
2 Moving traffic				06 As for 05, but in traffic stream
3 Stationary traffic				07 As for 05, but over-taking
4 Parked vehicles				08 Turning right
5 Roadside objects, man-made				09 Turning left
6 Roadside objects, trees etc.				10 U turn
7 Objects on or behind property boundaries				11 Reversing, or stationary waiting to reverse
8 Other than the above				12 Entering traffic lane
9 Unknown				13 Proceeding across intersection
SECOND MOST SIGNIFICANT VISUAL RESTRICTION OUTSIDE VEHICLE	174	4	43	14 Other than the above
Code as above				99 Unknown
THIRD MOST SIGNIFICANT VISUAL RESTRICTION OUTSIDE VEHICLE	175	4	44	PRIMARY ACTIVITY (PEDESTRIAN)
Code as above				181 4 52
FOURTH MOST SIGNIFICANT VISUAL RESTRICTION OUTSIDE VEHICLE	176	4	45	1 Walking across road
Code as above				2 Running across road
PREDOMINANT VISUAL RESTRICTION WITHIN VEHICLE	177	4	47	3 Standing in carriageway
1 None				4 Standing on refuge
2 Vehicle structure ahead of driver (continued)				5 Walking or running with the traffic
				6 Walking or running against the traffic
				7 Playing, working etc. in carriageway (continued)
				62 (continued)

8 Other than the above				SECOND MOST SIGNIFICANT SECONDARY ACTIVITY OUTSIDE VEHICLE	186	4	61
9 Unknown				Code as above			
PREDOMINANT SECONDARY ACTIVITY WITHIN VEHICLE (OR OF PEDESTRIAN, ETC.)	182	4	53, 54	RELATIONSHIP TO PASSENGERS	187	4	62, 63
01 None				01 No passengers			
02 Listening to radio, etc.				02 No prior acquaintance			
03 Monitoring dials, gauges, mechanical parts, etc.				03 Casual or business acquaintance/s			
04 Smoking				04 Close friend/s			
05 Lighting a cigarette, etc.				05 Spouse			
06 Retrieving a dropped cigarette, etc.				06 Children			
07 Reaching for other object within car				07 Spouse and children			
08 Looking for object (other than the above) within car				08 Other family member/s			
09 Trying to eject an insect, etc.				09 (05 and 08)			
10 Reading map, etc.				10 (06 and 08)			
11 Eating, drinking				11 (07 and 08)			
12 Verbal interaction with passengers				12 (04 and 05)			
13 Physical interaction with passengers				13 (04 and 06)			
14 Turned to face passenger				14 (04 and 07)			
15 Other than the above				15 (02 and 04)			
16 Eyes closed, sleeping, sneezing, etc.				16 (04 and 08)			
99 Unknown				20 Other than the above			
				98 Not applicable, pedestrian			
				99 Unknown			
SECOND MOST SIGNIFICANT SECONDARY ACTIVITY WITHIN VEHICLE (OR OF PEDESTRIAN, ETC.)	183	4	55, 56	ACCIDENT ENVIRONMENT			
Code as above				FREQUENCY OF EXPOSURE TO ACCIDENT SITE	188	4	64
				1 Daily			
				2 Weekly (1 - 4 per week)			
				3 Monthly (1 - 3 per month)			
				4 Quarterly (1 - 2 per quarter)			
				5 Annually (1 - 3 per year)			
				6 Less than annually			
				7 Never before			
				8 Other than the above			
				9 Unknown			
THIRD MOST SIGNIFICANT SECONDARY ACTIVITY WITHIN VEHICLE (OR OF PEDESTRIAN, ETC.)	184	4	57, 58	FAMILIARITY WITH ACCIDENT SITE	189	4	65
Code as above				1 Yes, very			
				2 Yes, moderate			
				3 Yes, slight			
				4 No			
				9 Unknown			
PREDOMINANT SECONDARY ACTIVITY OUTSIDE VEHICLE	185	4	60	FAMILIARITY WITH MANOEUVRE ATTEMPTED AT THIS LOCATION	190	4	66
1 None				1 Yes, very			
2 Looking for address, signpost traffic signal, etc.				2 Yes, moderate			
3 Attempting to follow path of another vehicle or pedestrian				3 Yes, slight			
4 Monitoring activity of other vehicle				4 No			
5 Interacting with occupants of another vehicle				9 Unknown			
6 Interacting with pedestrians, etc.				FAMILIARITY WITH ACCIDENT ENVIRONMENT UNDER PREVAILING CONDITIONS (IF UNFAMILIAR, PREDOMINANT REASON)	191	4	67
7 Watching activity in mirror				1 Yes			
8 Other than the above				2 No, weather conditions unusual			
9 Unknown				3 No, temporary change (continued)			

4	No, permanent change in road environment				AWARENESS OF RELEVANT TRAFFIC CONTROL DEVICE	197	5	4
5	No, unfamiliar traffic conditions				1 Yes			
6	No, unfamiliar lighting conditions				2 No			
7	No, other than the above				8 Not applicable			
8	Not applicable (unfamiliar with site or manoeuvre under any circumstances)				9 Unknown			
9	Unknown				UNDERSTANDING OF TRAFFIC CONTROL DEVICE	198	5	5
	Code as above				REACTION TO TRAFFIC CONTROL DEVICE	199	5	6
	SECOND MOST SIGNIFICANT REASON FOR UNFAMILIARITY WITH ACCIDENT ENVIRONMENT UNDER PREVAILING CONDITIONS	192	4	68	1 Legally appropriate			
	Code as above				2 Legally inappropriate			
	AWARENESS OF MOVEMENT OR LOCATION OF TRAFFIC UNIT CONTACTED IN ACCIDENT	193	4	70	3 Legally ambiguous			
	Code as above				4 Other than the above			
	1 Long before impact				8 Not applicable			
	2 Shortly before impact				9 Unknown			
	3 Immediately before impact				AWARENESS OF RELEVANT TRAFFIC RULES (APART FROM THOSE RELATING TO THE ABOVE DEVICE)	200	5	7
	4 Unaware				1 Yes			
	5 Other than the above				2 No			
	8 Not applicable (Off road object)				8 Not applicable			
	9 Unknown				9 Unknown			
	AWARENESS OF IMPENDING ACCIDENT	194	4	71	UNDERSTANDING OF RELEVANT TRAFFIC RULES	201	5	9
	Code as above				1 Yes			
	PRECAUTIONARY ACTION ATTEMPTED BEFORE ANY EMERGENCY ACTION (VEHICLE OPERATOR)	195	5	1, 2	2 No			
	01 None				8 Not applicable			
	02 Reduce speed				9 Unknown			
	03 Braked				ACTION IN RELATION TO RELEVANT TRAFFIC RULES	202	5	10
	04 Stopped				1 Legally appropriate			
	05 Altered course				2 Legally inappropriate			
	06 Operated warning device				3 Legally ambiguous			
	07 (02 and 03)				4 Other than the above			
	08 (02 and 05)				8 Not applicable			
	09 (02 and 06)				9 Unknown			
	10 (03 and 04)				ACCIDENT CAUSATION			
	11 (03 and 06)				PARTICIPANT'S OPINION ON PREDOMINANT CAUSE OF ACCIDENT	203	5	11, 12
	12 (04 and 06)				01 Own driving			
	13 (05 and 06)				02 Driving of other participant			
	14 Other than the above				03 (01 and 02)			
	98 Not applicable (unaware of hazardous situation)				04 Driving of uninvolved participant			
	99 Unknown				05 Vehicle handling and condition			
	AVOIDING ACTION BY VEHICLE OPERATOR	196	5	3	06 Road environment			
	1 None attempted				07 Off-road environment			
	2 None possible				08 Animal			
	3 Braking				09 Chance occurrence			
	4 Altering course				10 No opinion (cannot recall, etc.)			
	5 (3 and 4)				11 Other than the above			
	6 Acceleration				99 Unknown			
	7 (4 and 6)							
	8 Other than the above							
	9 Unknown							

PARTICIPANT'S OPINION ON OTHER CAUSE OF ACCIDENT	204	5	13, 14	22 Failure to respond appropriately in emergency situation
Code as above				23 Inadequate monitor- ing of relevant environment (i.e. fail to see)
PARTICIPANT'S OPINION ON PREDOMINANT CON- TRIBUTING ASPECT OF OWN DRIVING	205	5	15, 16	24 Defective vehicle
01 None				25 Emotional state of driver
02 Travelling too fast to respond appropriately				26 Failure to appreciate braking limitations of heavy vehicle
03 Travelling too close to another vehicle to respond appropriately				95 Attempted suicide
04 Responded on basis of inadequate information (e.g. failed to accom- modate to visual restriction)				96 No opinion offered
05 Failed to operate appropriate vehicle controls (e.g. lights, indicators)				97 Not applicable - no recollection of events
06 Lack of relevant driving experience				98 Not applicable - fatal
07 Lack of experience with accident vehicle				99 Unknown
08 Lack of familiar- ity with site under prevailing environmental conditions				PARTICIPANT'S OPINION ON SECOND MOST SIGNIFICANT CONTRIBUT- ING ASPECT OF OWN DRIVING
09 Inappropriate response to extraordinary environmental conditions				206
10 Inattention - distracted				5
11 Inattention - engaged in secondary activity				17, 18
12 Psychologically stressed or fatigued				Code as above
13 Influence of alcohol or drugs				PARTICIPANT'S OPINION ON THIRD MOST SIGNIFICANT CONTRIBUT- ING ASPECT OF OWN DRIVING
14 Medical condition of which participant aware				207
15 Medical condition of which participant unaware				5
16 Diminished capacities associated with ageing				19, 20
17 Failure to respond appropriately to traffic controls - impatient, careless				Code as above
18 Failure to observe traffic rules other than traffic controls				PARTICIPANT'S OPINION ON FOURTH MOST SIGNIFICANT CONTRIBUT- ING ASPECT OF OWN DRIVING
19 Inappropriate footwear for operation of controls				208
20 Failure to ensure vehicle controls operating (lights, indicators, etc.)				5
21 Other than the above				21, 22
(continued)				Code as above
				INTERVIEWER'S OPINION ON ABOVE RESPONSES
				209
				5
				23
				1 Agreement
				2 Partial agreement
				3 Disagreement
				8 Not applicable (no opinion for participant)
				9 Unknown
				INTERVIEWER'S OPINION ON PREDOMINANT CONTRIBUTING ASPECT OF THIS PARTICIPANT'S DRIVING
				210
				5
				24, 25
				Code as previously including
				27 Inexperience of very young child
				28 Not applicable (insufficient information available)
				INTERVIEWER'S OPINION ON SECOND MOST SIGNIFICANT CONTRIBUT- ING ASPECT OF THIS PARTICIPANT'S DRIVING
				211
				5
				26, 27
				Code as above
				INTERVIEWER'S OPINION ON THIRD MOST SIGNIFICANT CONTRIBUT- ING ASPECT OF THIS PARTICIPANT'S DRIVING
				212
				5
				28, 29
				Code as above

INTERVIEWER'S
OPINION ON FOURTH
MOST SIGNIFICANT
CONTRIBUTING ASPECT
OF THIS PARTICI-
PANT'S DRIVING 213 5 31, 32
Code as above

PARTICIPANT'S
OPINION RE MAJOR
CONTRIBUTING ASPECT
OF OTHER PARTICI-
PANT'S DRIVING 214 5 33, 34
Code as above,
including
98 Not applicable
(stationary
vehicle or
object struck)

PARTICIPANT'S
OPINION RE OTHER
CONTRIBUTING ASPECT
OF OTHER PARTICI-
PANT'S DRIVING 215 5 35, 36
Code as above

INTERVIEWER'S
OPINION RE ABOVE
RESPONSES 216 5 37
1 Agreement
2 Partial agreement
3 Disagreement
7 No opinion for
this participant
8 Not applicable
(interviewee
only active
participant)
9 Unknown

INTERVIEWER'S
OPINION RE
CONTRIBUTING ASPECT
OF UNINVOLVED PARTI-
CIPANT'S DRIVING 217 5 38
1 Encouraged this
participant to
proceed when
traffic
conditions
inappropriate
2 Responded on
basis of
inadequate
information
(e.g. failed to
accommodate to
visual
restriction)
3 Failure to use,
or incorrect use
of controls
(lights,
indicators, etc.)
4 Legally inappro-
priate manoeuvre
5 Sudden change of
course or braking,
etc.
7 Other than the
above
8 Not applicable
(no relevant
uninvolved
participant)
9 Unknown

ATTITUDINAL FACTORS

PARTICIPANT'S
OPINION ON MAJOR
CAUSE OF ACCIDENTS 218 5 39, 40
01 None
02 Poor driver
training
03 Lack of famili-
arity with or
failure to observe
road rules
04 Insufficient skill
in vehicle
handling,
especially in
emergency
situations
05 Inadequate monitor-
ing of relevant
environment (lack
of prediction,
errors of judgment)
06 Lack of experience
with or inappro-
priate response to
prevailing road and
traffic environment
07 Excessive speed
08 Carelessness -
responding on basis
of inadequate
information
09 Vehicle too power-
ful for operator
to handle capably
10 Inattention - lack
of concentration
11 Inattention -
engaged in second-
ary activity
12 Inconspicuity of
motorcycle,
bicycle,
pedestrian
13 Medical condition
14 Diminished capaci-
ties associated
with ageing
15 Alcohol and drug
effects
16 Psychological
stress, fatigue
17 Personality and
attitudes of
vehicle operator
18 Defective vehicles
19 Layout and
characteristics of
road, road signs,
etc.
20 Inadequate lighting
21 Inappropriate or
inadequate traffic
control systems
22 General careles-
ness, negligence
23 Other than the
above
24 Failure to operate
appropriate
controls (lights,
indicators, etc.)
25 Environmental
distractions
(continued)

26	Failure of drivers to monitor effectively or allow sufficient space for other road users (esp. motorcycles, pedal cycles, pedestrians)				3	Nearly always		
					4	Always		
					5	No opinion		
					8	Not applicable (pedestrian, cyclist, train driver)		
					9	Unknown		
27	Visual restrictions imposed by vehicle design					WAS PARTICIPANT WEARING BELT (HELMET) AT TIME OF ACCIDENT?	227	5
99	Unknown					1		54
						2		
						3		
						8		
						9		
	PARTICIPANT'S OPINION ON SECOND MOST SIGNIFICANT CAUSE OF ACCIDENTS Code as above	219	5	41, 42		PARTICIPANT'S REASON FOR NOT WEARING SEAT BELT	228	5
						1		55
						2		
						3		
						4		
						5		
						6		
						7		
						8		
						9		
	PARTICIPANT'S OPINION ON THIRD MOST SIGNIFICANT CAUSE OF ACCIDENTS Code as above	220	5	43, 44		PARTICIPANT'S REASON FOR NOT WEARING SEAT BELT	229	5
						1		56
						2		
						3		
						4		
						5		
						6		
						7		
						8		
						9		
	PARTICIPANT'S OPINION ON FOURTH MOST SIGNIFICANT CAUSE OF ACCIDENTS Code as above	221	5	45, 46		PARTICIPANT'S REASON FOR NOT WEARING SEAT BELT	229	5
						1		56
						2		
						3		
						4		
						5		
						6		
						7		
						8		
						9		
	PARTICIPANT'S OPINION ON FIFTH MOST SIGNIFICANT CAUSE OF ACCIDENTS Code as above	222	5	47, 48		PARTICIPANT'S REASON FOR NOT WEARING SEAT BELT	229	5
						1		56
						2		
						3		
						4		
						5		
						6		
						7		
						8		
						9		
	PARTICIPANT'S OPINION ON SEVERITY OF PENALTIES FOR TRAFFIC OFFENCES	223	5	50		PARTICIPANT'S REASON FOR NOT WEARING HELMET	229	5
	1 Harsh					1		56
	2 Reasonable					2		
	3 Lenient					3		
	4 No opinion					4		
	9 Unknown					5		
						6		
						7		
						8		
						9		
	PARTICIPANT'S OPINION ON CONSISTENCY OF PENALTIES FOR TRAFFIC OFFENCES	224	5	51		PARTICIPANT'S REASON FOR NOT WEARING HELMET	229	5
	1 Consistent					1		56
	2 Inconsistent					2		
	3 No opinion					3		
	9 Unknown					4		
						5		
						6		
						7		
						8		
						9		
	PARTICIPANT'S OPINION ON SEAT BELT WEARING (OR HELMET USE, IF MOTORCYCLIST)	225	5	52		PARTICIPANT'S ATTITUDE TO DRINKING AND DRIVING (VEHICLE OPERATOR)	230	5
	1 Favourable					1		57
	2 Indifferent					2		
	3 Unfavourable					3		
	4 No opinion					4		
	8 Not applicable (pedestrian, cyclist, train driver)					5		
	9 Unknown					6		
						7		
						8		
						9		
	PARTICIPANT'S GENERAL BEHAVIOUR RE SEAT BELT WEARING WHEN BELT AVAILABLE (OR HELMET USE, IF MOTORCYCLIST)	226	5	53		PARTICIPANT'S BEHAVIOUR RE DRINKING AND DRIVING (VEHICLE OPERATOR)	231	5
	1 Never					1		58
	2 Occasionally					2		
	(continued)					3		
						(continued)		

- 4 Never, but does drink
- 7 Does not drink
- 8 Not applicable (pedestrian, child cyclist)
- 9 Unknown

AMOUNT OF ALCOHOLIC BEVERAGE PARTICIPANT CAN CONSUME AND STILL DRIVE CAPABLY (VEHICLE OPERATOR) 232 5 59, 60

Code amount in number of drinks (up to 20 glasses)

- 01 One or less
- 02 Two
- 21 Significant amount (intoxicated)
- 22 Limited (amount unknown)
- 96 Does not drink
- 97 Does not drink and drive
- 98 Not applicable (pedestrian, child cyclist)
- 99 Unknown

PARTICIPANT'S MAJOR INTEREST IN VEHICLES 233 5 62, 63

- 01 No special interest.
- 02 Appearance
- 03 Mechanical
- 04 Sporting
- 05 Modifying appearance
- 06 Modifying mechanically
- 07 Vintage, restoration, etc.
- 08 Enjoyment driving, M/cycling, cycling, etc.
- 09 Other than above
- 98 Not applicable (Pedestrian)
- 99 Unknown

PARTICIPANT'S OTHER INTEREST IN VEHICLES 234 5 64, 65
Code as above

PREDOMINANT REASON FOR OWNING VEHICLE USED IN ACCIDENT 235 5 66, 67

- 01 Transportation only
- 02 Economy-purchase price
- 03 Economy-performance
- 04 Overall performance
- 05 Appearance
- 06 Safety features
- 07 Size - no. of occupants
- 08 Make, model preference
- 09 Reliability
- 10 Special purpose
- 11 Other than the above

(continued)

- 97 Not applicable (not owner or did not purchase vehicle)
 - 98 Not applicable (pedestrian)
 - 99 Unknown
- OTHER REASON FOR OWNING VEHICLE USED IN ACCIDENT 236 5 68,69
Code as above

CONCERN ABOUT ROAD SAFETY 237 5 68,69

- 1 Very concerned
- 2 Some concern
- 3 Aware of the problem, but not particularly interested
- 4 No real problem
- 5 No opinion
- 6 Other than the above
- 9 Unknown

OPINION ON ROAD SAFETY PROPAGANDA 238 6 2

- 1 Essential
- 2 Of some value
- 3 Useless
- 4 No opinion
- 5 Other than the above
- 9 Unknown

FOLLOW UP INTERVIEW COMPLETED 239 6 3

- 1 Yes
- 2 Partially
- 3 No

INTERVIEW CONDUCTED HOW MANY DAYS AFTER ACCIDENT? 240 6 4, 5

- Code actual number of day
- 00 Same day
 - 01 One day after
 - 98 Not applicable (interview not completed)
 - 99 Unknown

REASON FOR NON-COMPLETION OF FOLLOW UP INTERVIEW 241 6 6

- 1 Refused to cooperate
- 2 Unable to locate
- 3 Interstate, overseas
- 4 Deceased
- 5 Other than the above
- 8 Not applicable
- 9 Unknown

NUMBER OF ATTEMPTS TO OBTAIN AN INTERVIEW 242 6 7

- Code actual number
- 0 None
 - 1 One
 - 9 Unknown

PERSON WITH WHOM FOLLOW UP INTERVIEW CONDUCTED	243	6	8
1 Active participant			
2 Relative of active participant (if latter deceased or inaccessible)			
3 Friend of active participant (if latter deceased or inaccessible)			
4 (2 and 3)			
5 Other			
6 Not applicable (follow up not completed)			
9 Unknown			

CONFIDENCE RE SOURCE OF FOLLOW UP INFORMATION	244	6	9
1 Certain that interviewee was driver/rider etc.			
2 Reasonably confident that interviewee was driver/rider etc.			
3 Not very confident that interviewee was driver/rider etc.			
4 Not applicable (of necessity interview carried out with relative, friend etc.)			
8 Not applicable (follow up not completed)			
9 Unknown			

RARU BEST ESTIMATE OF BAC Code actual no.	245	6	10,11
00 Nil BAC			
01 lmg/10ml blood ethanol			
97 Police alcotest but under .08			
99 Unknown			

MOTOR CYCLE DATA CODE

NAME	VARIABLE	NO.	LINE NO.	COLUMN NO.	NAME	VARIABLE	NO.	LINE NO.	COLUMN NO.
FILE NUMBER		001	1	1	05 KAWASAKI				
6					01 H1 Mach III (500)				
CASE NUMBER		002	1	2 - 4	02 Z1900 Super 4				
e.g. 004					03 Z900-A4				
					04 KS125				
VEHICLE NUMBER		003	1	5, 6	06 TRIUMPH				
e.g. 02					01 TRIDENT T150V				
					(750)				
MOTORCYCLE TYPE		004	1	7	02 BONNEVILLE T140V				
1 Touring					(750)				
2 Commuter					07 PIAGGIO VESPA				
3 Trail or trial bike					01 150 Super				
4 Road sports/racer					08 LAMBRETTA				
5 Scrambler					01 200				
6 Scooter					09 DUCATI				
7 Minibike					01 750 Sport				
8 Other than the above									
MAKE OF MOTORCYCLE		005	1	8, 9	10 BMW				
					01 R75/6				
MODEL OF MOTORCYCLE		006	1	10, 11	PREDOMINANT COLOUR				
01 SUZUKI					OF MOTORCYCLE	007	1	12, 13	
01 TS185L					01 White				
02 TS400L					02 Light grey				
03 A100					03 Grey				
04 TS185M					04 Dark grey				
05 GT250					05 Black				
06 TS185					06 Pink				
07 GT125L					07 Bright red				
08 TS400K					08 Medium red				
09 GT380K					09 Dark red				
10 TS250A					10 Orange				
11 ER185					11 Biscuit, cream,				
02 YAMAHA					ivory				
01 R5 (350)					12 Beige				
02 XS2 (650)					13 Yellow				
03 RD125B (125)					14 Ochre				
04 DT250B					15 Tan, brown				
05 DT250A					16 Light green				
06 RT1 (350)					17 Medium green				
07 RD350					18 Dark green				
08 XS650B					19 Light blue				
09 DT250C					20 Medium blue				
10 L26 (100cc)					21 Dark blue				
11 V50					22 Lilac				
12 XS1					23 Mauve				
13 DS5 (250)					24 Medium purple,				
14 DT125A					violet				
15 XS500C					25 Dark purple				
16 DT175B					26 Silver				
04 HONDA					27 Gold				
01 CB125S					28 Bronze				
02 XL250 Motosport					29 Other than the				
03 C90 (Step Through)					above				
04 CL350					99 Unknown				
05 CB750					INITIAL EVENT FOR				
06 CB750F					THIS VEHICLE	008	1	14, 15	
07 CB175					01 Emergency braking				
08 SL125					02 Yaw to either				
09 XL350					side, jackknife				
10 CB400F					03 Slide down (cycle,				
11 SL175					motorcycle)				
12 CB750P					04 Run off road				
13 CB500					05 Rollover				
14 CB500K1					06 Other non-collision event				

(continued)

- Collision with
- 07 Pedestrian
 - 08 Pedal cycle
 - 09 Motorcycle
 - 10 Light truck, etc. (less than 1780 kg.)
 - 11 Medium truck, etc. (1780 kg to 4500 kg.)
 - 12 Heavy truck, etc. (over 4500 kg.)
 - 13 Articulated truck
 - 14 Omnibus
 - 15 Car
 - 16 Other type of traffic unit
 - 17 Utility pole
 - 18 Large tree (at roadside)
 - 19 Traffic signal
 - 20 Sign post
 - 21 Kerb
 - 22 Guard rail
 - 23 Other roadside object
 - 24 Fence
 - 25 Building
 - 26 Other objects on or behind property boundary
 - 27 Movable object
 - 28 Other than the above
 - 99 Unknown

SECOND EVENT FOR THIS UNIT
Code as above, leave blank if not relevant

009 1 16, 17

INITIAL EVENT

INITIAL POINT OF CONTACT ON MOTORCYCLE, IF A COLLISION
Code contact by these zone numbers

010 1 18, 19

- 07 Zones 1 and 2
- 08 Zones 1, 2, 3
- 09 Zones 1, 2, 3, 4
- 10 Zones 2, 3
- 11 Zones 2, 3, 4
- 12 Zones 3, 4
- 13 Zones 1, 6
- 14 Zones 1, 6, 5
- 15 Zones 1, 6, 5, 4
- 16 Zones 6, 5
- 17 Zones 6, 5, 4
- 18 Zones 5, 4
- 19 Underside of motorcycle

(continued)

- 20 Upper part of front of motor-cycle (above the front wheel)
- 21 Upper part of rear of motorcycle (above the rear wheel)
- 22 Top of the motor-cycle
- 23 Other than the above
- 99 Unknown

ALIGNMENT OF OTHER VEHICLE, OR DIRECTION OF IMPACT IF COLLISION WITH A FIXED OBJECT OR A PEDESTRIAN
Code alignment or direction by the following numbers:

011 1 20, 21

- 13 From above
- 14 From underneath
- 99 Unknown

POINT OF CONTACT ON THIS OTHER VEHICLE, IF A CAR, IN THE INITIAL EVENT
(NOTE: CODE ONLY ONE LOCATION)

012 1 22, 23

- 01 Front right corner, from the inside of the road wheel at the front, to the front of the road wheel at the side
- 02 Right side adjacent to 01 and back to the front of the driver's door
- 03 Driver's door
- 04 Right rear door, or from 03 back to the top of the rear wheel arch
- 05 Right rear corner, defined similarly to 01
- 06 Centre rear, between the back wheels
- 07 Left rear corner
- 08 Left rear door (see 04)
- 09 Front passenger's door
- 10 Left side, as for 02
- 11 Left front corner
- 12 Centre front, between the front wheels

(continued)

- 13 Windscreen area
- 14 Right side glass area
- 15 Back window area
- 16 Left side glass area
- 17 Roof (non-rollover)
- 18 Undercarriage (non-rollover)
- 19 Roll to right
- 20 Roll to left
- 21 Roll, other than the above
- 22 Other than the above
- 98 No contact in this event
- 99 Unknown

ESTIMATED SPEED OF THE MOTORCYCLE IN THE FIRST EVENT IN THIS ACCIDENT
Code estimated speed in kph
060 Sixty kph
000 Stationary
999 Unknown

ESTIMATED SPEED OF OTHER INVOLVED VEHICLE IN THE FIRST EVENT
Code as above

TRAFFIC UNIT MOVEMENTS FOR THIS EVENT
Refer to code for traffic unit movements

SECOND EVENT

POINT OF CONTACT ON MOTORCYCLE, IF A COLLISION
Code as for VAR010, with
88 No collision

ALIGNMENT OF OTHER VEHICLE, OR DIRECTION OF IMPACT IF COLLISION WITH A FIXED OBJECT OR A PEDESTRIAN
Code as for VAR011, with
88 No collision

POINT OF CONTACT ON THIS OTHER VEHICLE, IF A CAR, IN THIS EVENT (NOTE: CODE ONLY ONE LOCATION)
01 Front right corner, from the inside of the road wheel at the front, to the front of the road wheel at the side
02 Right side adjacent to 01 and back to the front of the driver's door

- 03 Driver's door
- 04 Right rear door, or from 03 back to the top of the rear wheel arch
- 05 Right rear corner, defined similarly to 01
- 06 Centre rear, between the back wheels
- 07 Left rear corner
- 08 Left rear door (see 04)
- 09 Front passenger's door
- 10 Left side, as for 02
- 11 Left front corner
- 12 Centre front, between the front wheels
- 13 Windscreen area
- 14 Right side glass area
- 15 Back window area
- 16 Left side glass area
- 17 Roof (non-rollover)
- 18 Undercarriage (non-rollover)
- 19 Roll to right
- 20 Roll to left
- 21 Roll, other than the above
- 22 Other than the above
- 98 No contact in this event
- 99 Unknown

ESTIMATED SPEED OF THE MOTORCYCLE IN THIS EVENT
Code estimated speed in kph
060 Sixty kph
000 Stationary
999 Unknown

ESTIMATED SPEED OF OTHER INVOLVED VEHICLE IN THIS EVENT
Code as above

TRAFFIC UNIT MOVEMENTS FOR THIS EVENT
Refer to code sheets for traffic unit movements

DESCRIPTIVE ITEMS

COMPLIANCE PLATE FITTED?
022 1 48
1 Yes
2 No
9 Unknown

COMPLIANCE WITH ADR 7?
023 1 49
1 Yes
2 No
8 Not applicable
9 Unknown

COMPLIANCE WITH ADR 28?	024	1	50	FRONT BRAKE: TYPE	034	1	62
1 Yes				1 Drum, leading/ trailing shoes			
2 No				2 Drum, twin leading shoes			
8 Not applicable				3 Drum, shoe layout unknown			
9 Unknown				4 Single disc			
COMPLIANCE WITH ADR 33?	025	1	51	5 Twin disc			
1 Yes				6 None			
2 No				9 Unknown			
8 Not applicable				FRONT BRAKE: ACTUATION	035	1	63
9 Unknown				1 R.H. lever, via cable			
WAS A PILLION PASSENGER CARRIED?	026	1	52	2 R.H. lever, hydraulic			
1 Yes				3 Other than the above			
2 No				8 Not applicable (no brake)			
9 Unknown				9 Unknown			
ENGINE: CAPACITY	027	1	53 - 55	FRONT BRAKE: ADJUSTMENT	036	1	64
Code number of cc's				1 Good			
090 Ninety				2 Poor			
998 998 or greater				9 Unknown			
999 Unknown				REAR BRAKE: TYPE	037	1	65
HEADLIGHT: DAY GLOW COVER FITTED?	028	1	56	1 Drum, leading/ trailing shoes			
1 Yes				2 Drum, twin leading shoes			
2 No				3 Drum, shoe layout unknown			
7 No headlight				4 Single disc			
8 Night accident				5 Twin disc			
9 Unknown				6 None			
FRONT SUSPENSION TYPE	029	1	57	9 Unknown			
1 Telescopic, standard				REAR BRAKE: ACTUATION	038	1	66
2 Telescopic, chopper modified				1 Foot pedal, right side, via rigid linkage			
3 Other chopper modification				2 As for (1), but via cable			
4 Leading link				3 As for (1), but hydraulic			
5 Trailing link				4 Foot pedal, left side via rigid linkage			
6 Other than the above				5 As for (4), but via cable			
9 Unknown				6 As for (4), but hydraulic			
HANDLE BAR TYPE	030	1	58	7 Other than the above			
1 Flat or clipons				8 Not applicable (no brake)			
2 Conventional road				9 Unknown			
3 Conventional trail				REAR BRAKE: ADJUSTMENT	039	1	67
4 High-rise				1 Good			
5 Other than the above				2 Poor			
9 Unknown				9 Unknown			
HANDLEBARS: STANDARD EQUIPMENT?	031	1	59	CRASH BARS: FITTED?	040	1	68
1 Yes				0 None fitted			
2 No				1 Yes, front and rear			
9 Unknown				2 Yes, front only			
HANDLEBARS: DAMAGED?	032	1	60	3 Yes, rear only			
1 Yes, bent				4 No			
2 Yes, severely bent				9 Unknown			
3 Yes, broken							
4 Other than the above							
5 Not damaged							
9 Unknown							
HANDLEBARS: RIDER CONTACT?	033	1	61				
1 Yes							
2 Possibly							
3 No							
9 Unknown							

CRASH BARS: DAMAGED?	041	1	69	SKIDDING? 0 No	048	2	4
1 Yes, bent				1 Yes, front wheel under braking			
2 Yes, severely bent				2 Yes, front wheel not under braking			
3 Yes, broken				3 Yes, rear wheel under braking			
4 Other				4 Yes, rear wheel not under braking			
5 Not damaged				5 Yes, both wheels under braking			
9 Unknown				6 Yes, both wheels not under braking			
0 None fitted				7 Other than the above			
REAR VIEW MIRROR: RIDER CONTACT?	042	1	70	9 Unknown			
0 None fitted				SKIDDING STARTED ON PAINTED ROAD MARKING?	049	2	5
1 Yes				0 No skidding			
2 Possibly				1 Yes			
3 No				2 Possibly			
9 Unknown				3 No			
WINDSCREEN OR FAIRING: RIDER CONTACT?	043	1	71	8 Not applicable (no painted road markings)			
0 None fitted				9 Unknown			
1 Yes				FRONT TYRE: TREAD TYPE	050	2	6
2 Possibly				1 Road, touring			
3 No				2 Road, sports/ racing			
9 Unknown				3 Trials Universal			
PETROL TANK AND FITTINGS: RIDER CONTACT?	044	1	72	4 Scrambles			
1 Yes				5 Other than the above			
2 Possibly				9 Unknown			
3 No				FRONT TYRE: TREAD CONDITION	051	2	7
9 Unknown				1 Good			
CRASH BARS: RIDER CONTACT?	045	2	1	2 Adequate			
0 Not fitted				3 Poor			
1 Yes				4 Bald			
2 Possibly				5 Other than the above			
3 No				9 Unknown			
9 Unknown				REAR TYRE: TREAD TYPE	052	2	8
HEADLIGHT: OPERATIONAL AT TIME OF ACCIDENT?	046	2	2	Code as above			
1 Operational, illuminated at time of accident				REAR TYRE: TREAD CONDITION	053	2	9
2 Operational, unknown if illuminated at time of accident				Code as above			
3 Operational, not illuminated				FUEL LEAKAGE FROM MOTORCYCLE?	054	2	10
4 Not operational				1 Yes, damaged fuel tank or cap			
5 No headlight				2 Yes, from undamaged tank (cap opened)			
6 Other than the above				3 Yes, from carburettor or tank vent when motorcycle on its side			
9 Unknown				4 Yes, from damaged fuel lines, etc.			
STOP LIGHT: OPERATIONAL TIME OF ACCIDENT?	047	2	3	5 Yes, source unknown			
1 Yes, relevant to accident				6 No			
2 Yes, not relevant to accident				9 Unknown			
3 No, disconnected, relevant to accident							
4 No, disconnected, not relevant to accident							
5 No, faulty, relevant to accident							
6 No, faulty, not relevant to accident							
8 Not fitted							
9 Unknown							

4

FIRE? 055 2 11

1 Yes, fuel from motorcycle ignited in collision

2 As above, but ignition after vehicle/s had come to rest

3 As for (1) but fuel from other vehicle

4 As for (2), but fuel from other vehicle

5 Fuel from more than one vehicle ignited in the collision

6 As above, but ignition after vehicles had come to rest

7 No

9 Unknown

CRASH HELMET DATA:
RIDER

6

HELMET TYPE 056 2 12

1 Full face

2 Jet

3 Basin

4 Other

8 Not worn

9 Unknown

7

PREDOMINANT COLOUR OF HELMET 057 2 13 - 14

01 White

02 Light grey

03 Grey

04 Dark grey

05 Black

06 Pink

07 Bright red

08 Medium red

09 Dark red

10 Orange

11 Biscuit, cream, ivory

12 Beige

13 Yellow

14 Ochre

15 Tan, brown

16 Light green

17 Medium green

18 Dark green

19 Light blue

20 Medium blue

21 Dark blue

22 Lilac

23 Mauve

24 Medium purple, violet

25 Dark purple

26 Silver

27 Gold

28 Bronze

29 Other than the above

99 Unknown

8

9

0

CONDITION OF HELMET? 058 2 15

1 New helmet

2 Good

3 Poor

9 Unknown

RIDER: HEAD INJURY AND CONTACT WITH HELMET 059 2 16

0 No helmet worn

1 No helmet contact, no head injury

2 No obvious helmet contact, head injury

3 Helmet contact, no head injury

4 Helmet contact, injury to exposed region of head/face, etc

5 Helmet contact, injury to covered region of head

6 As for (4), but includes concussion

7 Severe damage to helmet with head injury

8 Helmet not retained

9 Unknown

VISOR PROPERTIES 060 2 17

0 None fitted or worn

1 Clear, clean

2 Clear, scratched or dirty

3 Tinted, clean

4 Tinted, scratched or dirty

5 Visor worn, visual properties not known

6 Visor fitted to helmet, not known if worn

7 Other than the above

9 Not known if visor fitted

CRASH HELMET DATA:
PILLION PASSENGER

8

9

0

Leave blank if no pillion passenger

HELMET TYPE 061 2 18

Code as previously

PREDOMINANT COLOUR OF HELMET 062 2 19 - 20

Code as previously

CONDITION OF HELMET 063 2 21

Code as previously

PILLION PASSENGER: HEAD INJURY AND CONTACT WITH HELMET 064 2 22

Code as previously

VISOR PROPERTIES 065 2 23

Code as previously

CONDITION OF
MOTORCYCLE

GENERAL CONDITION
OF MOTORCYCLE 066 2 24
1 As new
2 Good
3 Average
4 Poor
9 Unknown

MOTORCYCLE DEFECT
OR MODIFICATION
RELEVANT TO
ACCIDENT? 067 2 25
1 Yes
2 Possibly
3 No
9 Unknown
0 Not applicable

MODIFICATION
DIRECTLY
RESPONSIBLE FOR
INJURY TO ANY PARTY 068 2 26
0 Not applicable
1 Yes
2 Possibly
3 No
4 Yes, pedestrian
5 Yes, other
9 Unknown

TRUCK, BUS & MULTI-PURPOSE PASSENGER CAR DATA CODE

NAME	VARIABLE NO.	LINE NO.	COLUMN NO.	NAME	VARIABLE NO.	LINE NO.	COLUMN NO.
FILE NUMBER 7	001	1	1	COMPLIANCE PLATE FITTED?	006	1	11
CASE NUMBER e.g. 045	002	1	2 - 4	1 Yes 2 No 3 No, but should be 9 Unknown			
VEHICLE NUMBER e.g. 03	003	1	5, 6	"YEAR OF MANUFACTURE" AS LISTED ON THE COMPLIANCE PLATE	007	1	12, 13
MAKE	004	1	7, 8	Code last two digits of year 76 1976 98 No compliance plate 99 Unknown			
MODEL	005	1	9, 10				
<u>01 ISUZU-BEDFORD</u> 01 SE							
<u>02 DODGE</u> 01 D5N 02 D3N 329				"YEAR OF MANUFACTURE" AS REGISTERED	008	1	14, 15
<u>03 BEDFORD</u> 01 Armoured van 02 Timber carrier				Code last two digits of year 76 1976 99 Unknown			
<u>04 COMMER</u> 01 2500, van				TYPE OF VEHICLE	009	1	16
<u>05 INTERNATIONAL</u> 01 CI300 02 1930A 03 3070A				1 Light Commercial used as Passenger Vehicle 2 Light truck, unladen < 1780 kg 3 Medium truck, unladen > 1780 kg, GVM ≤ 4500 kg 4 Heavy truck GVM > 4500 kg 5 Articulated vehicle 6 Prime Mover 7 Urban bus 8 4 Wheel drive passenger vehicle 9 Unknown			
<u>06 VOLKSWAGEN</u> 01 KOMBI Mk 2, (doors either side) 02 KOMBI Mk 1, (partition behind driver) 03 MICROBUS Mk 1							
<u>07 AEC</u> 01 SWIFT-DENNING (omnibus)				CAB STYLE	010	1	17
<u>08 FORD</u> 01 F350 02 TRANSIT (tray top) 03 D0710				1 Forward control 2 Cab over motor 3 Cab behind motor 9 Unknown			
<u>09 ATKINSON</u> 01 GARDENER 240				CARGO AREA DESCRIPTION	011	1	18
<u>10 LEYLAND</u> 01 MOKE 02 LANDROVER 2A				1 Enclosed- partition between load and driver 2 Enclosed - no partition between load and driver 3 Tray top 4 Semi trailer 5 Dog trailer 6 Tip tray 8 Not applicable (bus) 9 Unknown			
<u>11 MERCEDES</u> 01 1418							
<u>12 WHITE</u> 01 4564 - Detroit diesel				NUMBER OF AXLES	012	1	19
<u>13 HINO</u> 01 FREIGHTER (omnibus)				2 Two 3 Three 4 Four 5 Five 9 Unknown			
<u>14 TOYOTA</u> 01 1600 (tray top) 02 Dyno Van							
<u>15 ISUZU-CHEVROLET</u> 01 LUV KB20 (utility)							

NUMBER OF AXLES WITH DUAL WHEELS	013	1	20	FIRST EVENT
0 None				POINT OF CONTACT ON THIS VEHICLE
1 One				017 1 26, 27
2 Two				01 Front right corner, from the inside of the road wheel at the front, to the front of the road wheel at the side
3 Three				02 Side of right front wheel
4 Four				03 Right side bodywork (not chassis) ahead of rear wheel/s
5 Five				04 Right side chassis or tray top, ahead of rear wheels (may be same region as 03 on another vehicle)
9 Unknown				05 Right rear wheels
ACCIDENT CATEGORIZED BY TYPE OF TRAFFIC UNIT	014	1	21	06 Right rear corner of body work
(Code the lowest applicable number apart from zero)				07 As for 06, but contact with chassis member or tray top
1 Pedestrian				08 Centre rear, between rear wheels, contact with bumper or bodywork
2 Pedal cycle				09 As for 08, but contact with chassis member or tray top
3 Motor cycle				10 Left rear corner, as for 06
4 Light truck				11 Left rear corner, as for 07
5 Medium truck				12 Left rear wheel/s
6 Heavy truck				13 Left side, as for 04
7 Articulated vehicle				14 Left side, as for 03
8 Bus				15 Left front wheel, from side
0 Other type of traffic unit apart from car or car-derivative				16 Left front corner, as for 01
FIRST EVENT FOR THIS VEHICLE	015	1	22, 23	17 Centre front, between front wheels
01 Rollover				18 Windscreen area
02 Other non-collision event				19 Right side glass area
<u>Collision with</u>				20 Back window area
03 Pedestrian				21 Left side glass area
04 Pedal cycle				22 Roof
05 Motorcycle				23 Undercarriage (rollover)
06 Light truck, etc. unladen less than 1780 kg				24 Roll to right
07 Medium truck, etc. (1780 kg unladen to 4500 kg GVM)				25 Roll to left
08 Heavy truck, etc. (over 4500 kg GVM)				26 Roll, other than the above
09 Articulated truck				27 Other than the above
10 Omnibus				28 Bonnet
11 Car				29 Boot lid
12 Other type of traffic unit				30 Bull bar
13 Utility pole				98 No contact in this event
14 Large tree (at roadside)				99 Unknown
15 Traffic signal				
16 Sign post				
17 Kerb				
18 Guard rail				
19 Other roadside object				
20 Fence				
21 Building				
22 Other objects on or behind property boundary				
23 Movable object				
24 Other than the above				
99 Unknown				
SECOND EVENT FOR THIS VEHICLE	016	1	24, 25	
Code as above, leave blank if not relevant				

IF THE FIRST EVENT WAS A COLLISION WITH ANOTHER TRUCK OR BUS, WHAT WAS THE POINT OF CONTACT ON THAT VEHICLE? Code as above except 00 Collision with object other than truck or bus 98 No collision 99 Unknown	018	1	28, 29	DIRECTION OF DEFORMATION Refer to code	023	1	40, 41
ALIGNMENT OF THE ABOVE VEHICLE TO THE CASE VEHICLE Code in 30° intervals from 12 Head on to the case vehicle 03 Right angles from the right 06 Rear end 13 Roof 14 Other than the above 99 Unknown Leave blank if no other vehicle involved	019	1	30, 31	GENERAL LOCATION OF DEFORMATION Refer to code	024	1	42
ESTIMATED SPEED OF OTHER VEHICLE (IF ANY) IN THIS FIRST EVENT Code estimated speed in kph 000 Stationary 060 60 kph 888 Reversing 998 No vehicle 999 Unknown	020	1	32 - 34	HORIZONTAL LOCATION OF DEFORMATION Refer to code	025	1	43
ESTIMATED SPEED OF THIS VEHICLE ON INVOLVEMENT IN THE FIRST EVENT Code as above	021	1	35 - 37	VERTICAL LOCATION OF DEFORMATION Refer to code	026	1	44
IF THE FIRST EVENT WAS A COLLISION WITH A FIXED OBJECT, WHAT WAS THE DIRECTION OF IMPACT RELATIVE TO THE CASE VEHICLE? Code in 30° intervals, from: 12 Head on to the case vehicle 03 Right angles from the right 06 Rear end 13 Roof 14 Other than the above 99 Unknown Leave blank if other than fixed object involved	022	1	38, 39	NATURE OF DEFORMATION Refer to code	027	1	45
USE SAE COLLISION DAMAGE CLASSIFICATION VDI FOR THE CASE VEHICLE FOR DAMAGE SUSTAINED IN THE FIRST EVENT: Refer to codebook, use truck VDI where appropriate				EXTENT OF DEFORMATION Refer to code	028	1	46
				TRAFFIC UNIT MOVEMENTS (VEHICLE SPECIFIC) IN THIS EVENT Refer to code of vehicle TUM's	029	1	47 - 49
				<u>SECOND EVENT</u>			
				POINT OF CONTACT ON THIS VEHICLE Code as above	030	1	50, 51
				IF THE SECOND EVENT WAS A COLLISION WITH ANOTHER TRUCK OR BUS, WHAT WAS THE POINT OF CONTACT ON THAT VEHICLE? Code as above, except: 00 Collision with object other than truck or bus 98 No Collision 99 Unknown	031	1	52, 53
				ALIGNMENT OF THE ABOVE VEHICLE TO THE CASE VEHICLE Code in 30° intervals, from: 12 Head on to the case vehicle 03 Right angles from the right 06 Rear end 13 Roof 14 Other than the above 99 Unknown	032	1	54, 55
				ESTIMATED SPEED OF OTHER VEHICLE (IF ANY) IN THIS SECOND EVENT Code estimated speed in kph 000 Stationary 060 60 kph 888 Reversing 998 No vehicle 999 Unknown	033	1	56 - 58

ESTIMATED SPEED OF THIS VEHICLE ON INVOLVEMENT IN THIS SECOND EVENT	034	1	59 - 61	7 630° 8 720° or more 9 Unknown			
Code as above							
IF THE SECOND EVENT WAS A COLLISION WITH A FIXED OBJECT: WHAT WAS THE DIRECTION OF IMPACT RELATIVE TO THE CASE VEHICLE?	035	1	62, 63	ROLLOVER (IF OCCURRED): PROPERTIES OF GROUND SURFACE FOR MAJORITY OF ROLL 0 No rollover 1 Soft and smooth 2 Hard and smooth 3 Soft and major irregularities 4 Hard and major irregularities 5 Other than the above 9 Unknown	045	2	6
Code in 30° intervals from:							
12 Head on to the case vehicle							
03 Right angles from the right							
06 Rear end							
13 Roof							
14 Other than the above							
99 Unknown							
SAE VDI Refer to codebook, use truck VDI where appropriate				ROLLOVER (IF OCCURRED): COLLISION DURING ROLL? 0 No rollover 1 Yes 2 No 9 Unknown	046	2	7
DIRECTION OF DEFORMATION	036	1	64, 65	UNLADEN MASS Code mass in hundreds of kg. 008 800 kg 989 98,900 kg or more 999 Unknown	047	2	8 - 10
Refer to code							
GENERAL LOCATION OF DEFORMATION	037	1	66	GROSS VEHICLE MASS Code as above	048	2	11 - 13
Refer to code							
HORIZONTAL LOCATION OF DEFORMATION	038	1	67	GROSS COMBINATION MASS Code as above	049	2	14 - 16
Refer to code							
VERTICAL LOCATION OF DEFORMATION	039	1	68	MASS OF VEHICLE AT IMPACT Code as above	050	2	17 - 19
Refer to code							
NATURE OF DEFORMATION	040	1	69	WAS THE LOADING OF THE VEHICLE RELEVANT TO THE ACCIDENT?	051	2	20
Refer to code				0 Not laden 1 No 2 Yes, overloaded 3 Yes, load shifted 4 Yes, load insecure 8 Combination of the above 9 Unknown			
EXTENT OF DEFORMATION	041	1	70	WAS THE MANNER OF LOADING OR CONSTRUCTION OF THE VEHICLE RELEVANT TO THE CONSEQUENCE OF THE ACCIDENT?	052	2	21
Refer to code				1 No 2 Yes 9 Unknown			
TRAFFIC UNIT MOVEMENT (VEHICLE SPECIFIC) IN THIS EVENT	042	2	1 - 3	DID THE LOAD OF THIS VEHICLE CONTACT ANY PARTICIPANT IN THIS ACCIDENT?	053	2	22
Refer to code of vehicle TUM's				0 Not relevant 1 Yes, directly, in this vehicle 2 Yes, directly in other vehicle or other participants 3 As (1), but indirectly (continued)			
DEFORMATION OF PASSENGER COMPARTMENT (AFTER ALL EVENTS)	043	2	4				
0 Undeformed 1 Minor 2 Moderate 3 Severe 9 Unknown							
ROLLOVER (IF OCCURRED): EXTENT OF ROLL	044	2	5				
0 No rollover 1 90° 2 180° 3 270° 4 360° 5 450° 6 540° (continued)							

4	As (2), but indirectly				PARKING BRAKE HANDLE: OCCUPANT CONTACT?	064	2	33
5	No				Code as above			
6	Other than the above				WIPER BLADE: RH SIDE	065	2	34
9	Unknown				1 Fitted, OK			
	ENGINE MALFUNCTION: RELEVANT TO THE CAUSATION OF THIS ACCIDENT?	054	2	23	2 Fitted, perished			
1	Yes				3 Fitted, condition not known			
2	Possibly				4 Not fitted			
3	No malfunction				5 Damaged in impact			
4	Malfunction, not relevant				9 Unknown			
9	Unknown				WIPER BLADE: LH SIDE	066	2	35
	BRAKE APPLICATION: ON AT IMPACT?	055	2	24	Code as above			
1	Yes				WIPER AND WASHER - SUBJECT TO ADR16?	067	2	36
2	No				1 Yes			
9	Unknown				2 No			
	BRAKES: SKIDDING DUE TO BRAKING?	056	2	25	9 Unknown			
1	Yes, all wheels				GLARE IN FIELD OF VIEW ADR12 APPLICABLE TO VEHICLE?	068	2	37
2	Yes, one or both front wheels only				Code as above			
3	Yes, one or both rear wheels only				HEATER OR FRESH AIR DUCTS: OCCUPANT CONTACT?	069	2	38
4	Yes, three wheels only				1 Yes			
5	No				2 No			
6	Other (specify)				8 Not fitted			
7	Yes, unknown				9 Unknown			
9	Unknown				AIRCONDITIONER AIR DUCTS: OCCUPANT CONTACT?	070	2	39
	BRAKE MALFUNCTION RELEVANT TO ACCIDENT?	057	2	26	1 Yes, in-dash ducts			
1	Yes				2 Yes, below-dash ducts			
2	Possibly				3 Yes, add-on air conditioner			
3	No malfunction				4 No, in-dash ducts,			
4	Malfunction, not relevant				5 No, below-dash ducts			
5	Unknown if malfunction, not relevant				6 No, add-on air conditioner			
9	Unknown				8 No airconditioner fitted			
	INTERNAL SUNVISORS: SUBJECT TO ADR11?	058	2	27	9 Unknown			
0	Not fitted				INSTRUMENTS OR CONTROLS: OCCUPANT CONTACT?	071	2	40
1	Yes				1 Yes, (Standard)			
2	No				2 No, (Standard)			
9	Unknown				3 No, below dash (Add on)			
	INTERNAL SUNVISOR: DRIVER'S SIDE, OCCUPANT CONTACT?	059	2	28	4 No, above dash (Add on)			
	Code as above				5 Yes, below dash (Add on)			
	INTERNAL SUNVISOR: PASSENGER'S SIDE, OCCUPANT CONTACT?	060	2	29	6 Yes, above dash (Add on)			
	Code as above				7 No, other			
	GLOVE COMPARTMENT DOOR: OCCUPANT CONTACT?	061	2	30	9 Unknown			
	Code as above				RADIO: OCCUPANT CONTACT?	072	2	41
	GLOVE COMPARTMENT DOOR: OPENED IN CRASH?	062	2	31	1 Yes, in dash			
	Code as above				2 Yes, below dash			
	PARCEL SHELF: OCCUPANT CONTACT?	063	2	32	3 No, in dash			
	Code as above				4 No, below dash			
					5 Yes, overhead			
					6 No, overhead			
					7 No			
					8 No radio fitted			
					9 Unknown			

TAPE PLAYER:				1	Yes, due to		
OCCUPANT CONTACT?	073	2	42	2	occupant contact		
1	Yes, in dash			2	Yes, cause of		
2	Yes, below dash			3	damage not known		
3	No, in dash			3	No		
4	No, below dash			9	Unknown if damaged		
8	No tape player fitted						
9	Unknown						
EXTERNAL REAR VISION MIRROR, DRIVER'S SIDE: CONTACT BY OTHER ROAD USER?				074	2	43	
0	Not applicable						
1	Yes						
2	No						
8	No mirror fitted						
9	Unknown						
EXTERNAL REAR VISION MIRROR, PASSENGER'S SIDE: CONTACT BY OTHER ROAD USER?				075	2	44	
1	Yes						
2	No						
8	No mirror fitted						
9	Unknown						
INSTRUMENT PANEL ASH TRAY: OCCUPANT CONTACT?				076	2	45	
1	Yes						
2	No						
8	Not fitted						
9	Unknown						
BACK OF FRONT SEAT ASH TRAY: OCCUPANT CONTACT?				077	2	46	
	Code as above						
IGNITION KEY: OCCUPANT CONTACT?				078	2	47	
	Code as above						
FOOT CONTROLS: OCCUPANT CONTACT?				079	2	48	
	Code as above						
GEAR SELECTOR: OCCUPANT CONTACT?				080	2	49	
	Code as above						
REAR VISION MIRROR, INTERNAL: OCCUPANT CONTACT?				081	2	50	
0	Not fitted						
1	Yes						
2	No						
9	Unknown						
REAR VISION - SUBJECT TO ADRI4?				082	2	51	
1	Yes						
2	No						
9	Unknown						
STEERING WHEEL RIM: OCCUPANT CONTACT?				083	2	52	
	Code as above						
STEERING WHEEL SPOKES: OCCUPANT CONTACT?				084	2	53	
	Code as above						
STEERING WHEEL: HORN RING DAMAGE AND CAUSE				085	2	54	
0	No horn ring						
	(continued)						
STEERING WHEEL: HUB: OCCUPANT CONTACT?				086	2	55	
1	Yes						
2	No						
9	Unknown						
STEERING COLUMN: OCCUPANT CONTACT?				087	2	56	
	Code as above						
STEERING ASSEMBLY: SUBJECT TO ADR?				088	2	57	
1	Yes - 10A						
2	Yes - 10B						
3	No						
9	Unknown						
'A' PILLAR: DRIVER'S SIDE: OCCUPANT CONTACT?				089	2	58	
1	Yes						
2	No						
8	No 'A' pillar						
9	Unknown						
'B' PILLAR: DRIVER'S SIDE: OCCUPANT CONTACT?				090	2	59	
1	Yes						
2	No						
8	No 'B' pillar						
9	Unknown						
'C' PILLAR: DRIVER'S SIDE: OCCUPANT CONTACT?				091	2	60	
1	Yes						
2	No						
8	No 'C' pillar						
9	Unknown						
SEAT BELT UPPER ANCHORAGE: DRIVER'S SIDE: OCCUPANT CONTACT?				092	2	61	
1	Yes, covered bolt						
2	Yes, on uncovered bolt						
3	No						
4	Lap belt						
7	No belt fitted						
8	Unknown if belt fitted						
9	Unknown if contacted						
PASSENGER'S SIDE: 'A' PILLAR: OCCUPANT CONTACT?				093	2	62	
1	Yes						
2	No						
8	No 'A' pillar						
9	Unknown						
PASSENGER'S SIDE: 'B' PILLAR: OCCUPANT CONTACT?				094	2	63	
1	Yes						
2	No						
8	No 'B' pillar						
9	Unknown						

PASSENGER'S SIDE:

'C' PILLAR:

OCCUPANT CONTACT?	095	2	64
1 Yes			
2 No			
8 No 'C' pillar			
9 Unknown			

SEAT BELT UPPER ANCHORAGE:

OCCUPANT CONTACT?	096	2	65
1 Yes, on covered bolt			
2 Yes, on uncovered bolt			
3 No			
4 Lap belt			
7 No belt fitted			
8 Unknown if fitted			
9 Unknown if contacted			

INSTRUMENT PANEL:

UPPER: OCCUPANT CONTACT?

OCCUPANT CONTACT?	097	2	66
1 Yes			
2 No			
9 Unknown			

INSTRUMENT PANEL:

MIDDLE: OCCUPANT CONTACT?

OCCUPANT CONTACT?	098	2	67
Code as above			

INSTRUMENT PANEL:

LOWER: OCCUPANT CONTACT?

OCCUPANT CONTACT?	099	2	68
Code as above			

RH ROOF RAIL: DAMAGE:

OCCUPANT CONTACT?

OCCUPANT CONTACT?	100	2	69
1 Damaged, also evidence of occupant contact			
2 Evidence of occupant contact with associated damage; no other damage			
3 Evidence of occupant contact, no damage			
4 Damaged, no evidence of occupant contact			
5 No damage, no evidence of occupant contact			
6 Damaged, not known if contact			
7 Not damaged, not known if occupant contact			
8 No roof rail			
9 Unknown if damaged			

LH ROOF RAIL: DAMAGE:

OCCUPANT CONTACT?

OCCUPANT CONTACT?	101	2	70
Code as above			

WINDSCREEN HEADER

RAIL: OCCUPANT CONTACT?

OCCUPANT CONTACT?	102	2	71
1 Yes			
2 No			
9 Unknown			

SEAT BELT DATA:

DRIVER'S SEAT

SEAT BELT AVAILABILITY: DRIVER'S SEAT	103	3	1
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0 No seat			
1 Belt fitted and available for use			
2 Belt fitted, but not usable			
3 Belt fitted, no evidence of ever being used			
4 No belt fitted			
5 No belt fitted, original having been removed			
6 Other (specify)			
9 Unknown			

SEAT BELT WORN?

DRIVER'S SEAT

DRIVER'S SEAT	104	3	2
0 Seat not occupied or no seat			
1 Worn correctly			
2 Worn loosely			
3 Worn very loosely			
4 Probably worn			
5 Probably not worn			
6 Not worn			
7 Worn incorrectly			
8 No belt available			
9 Unknown if worn			

RESTRAINT PERFORMANCE OF SEAT BELT:

DRIVER'S SEAT

DRIVER'S SEAT	105	3	3
0 Seat not occupied or no seat			
1 Did not slip or fail in continuity			
2 Probably did not slip or fail in continuity			
3 Probably did slip or fail in continuity			
4 Slipped, or continuity failure			
7 No belt fitted			
8 Belt not worn			
9 Unknown			
(Code as "slip" if there is evidence of more than 50mm slip)			

SEAT BELT DATA:

CENTRE FRONT SEAT

AVAILABILITY	106	3	4
Code as previously			

WORN?	107	3	5
Code as previously			

RESTRAINT PERFORMANCE	108	3	6
Code as previously			

SEAT BELT DATA:

LEFT FRONT SEAT

AVAILABILITY	109	3	7
Code as previously			

WORN?	110	3	8
Code as previously			

RESTRAINT PERFORMANCE	111	3	9
Code as previously			

<u>SEAT BELT DATA:</u>									
<u>RIGHT REAR SEAT</u>									
AVAILABILITY	112	3	10	2	Backrest bent backwards				
Code as previously				3	Backrest bent forwards				
WORN?	113	3	11	4	Separation at floor				
Code as previously				5	Separation at adjusters				
RESTRAINT PERFORMANCE	114	3	12	6	No separation, but adjusters damaged				
Code as previously				7	Combinations of the above				
				8	Other (describe)				
				9	Unknown				
<u>SEAT BELT DATA:</u>									
<u>CENTRE REAR SEAT</u>									
AVAILABILITY	115	3	13		DAMAGE TO LATCH OF FOLDING SEAT?	126	3	24	
Code as previously				1	Latch held, not damaged				
WORN?	116	3	14	2	Latch held, damaged				
Code as previously				3	Latch released, not damaged				
RESTRAINT PERFORMANCE	117	3	15	4	Latch released, damaged				
Code as previously				5	No latch				
				8	Not a folding seat				
				9	Unknown				
<u>SEAT BELT DATA:</u>									
<u>LEFT REAR SEAT</u>									
AVAILABILITY	118	3	16		DAMAGE TO RECLINER MECHANISM?	127	3	25	
Code as previously				0	No recliner				
WORN?	119	3	17	1	Yes				
Code as previously				2	No				
RESTRAINT PERFORMANCE	120	3	18	9	Unknown				
Code as previously									
SEAT BELTS - SUBJECT TO ADR?	121	3	19		HEAD RESTRAINT, EVIDENCE OF OCCUPANT CONTACT?	128	3	26	
0 No belt				0	Not fitted				
1 Yes, 4				1	Yes, by occupant of seat				
2 Yes, 4A				2	Yes, by other occupant				
3 Yes, 4B				3	No				
4 Yes, 4C				9	Unknown				
5 Yes, 32									
6 No									
9 Unknown									
SEAT BELT ANCHORAGE - SUBJECT TO ADR?	122	3	20		BACK OF SEAT, (OTHER THAN HEAD RESTRAINT) EVIDENCE OF CONTACT BY REAR SEAT OCCUPANT OR OBJECT?	129	3	27	
0 No anchorage				1	Yes, with upper back of seat				
1 Yes, 5A				2	Yes, with lower back of seat				
2 Yes, 5B				3	Yes, with entire back of seat				
3 No				4	No contact				
9 Unknown				5	Other (describe)				
SEATS - SUBJECT TO ADR3?	123	3	21	8	Not applicable (no rear seat with no objects behind front seat)				
1 Yes				9	Unknown				
2 No									
9 Unknown									
HEAD RESTRAINT - SUBJECT TO ADR?	124	3	22						
0 No head restraint									
1 ADR 22									
2 ADR 22A									
3 No									
4 Head restraint removed									
9 Unknown									
<u>SEAT DATA:</u>									
<u>DRIVER'S SEAT</u>									
STRUCTURAL DAMAGE TO SEAT?	125	3	23		STRUCTURAL DAMAGE TO SEAT?	130	3	28	
1 No structural damage (continued)					DAMAGE TO LATCH OF FOLDING SEAT?	131	3	29	

DAMAGE TO RECLINER MECHANISM?	132	3	30	4	Damaged, not separated			
HEAD RESTRAINT: EVIDENCE OF OCCUPANT CONTACT?	133	3	31	5	Damaged, separated			
BACK OF SEAT, (OTHER THAN HEAD RESTRAINT) EVIDENCE OF CONTACT BY REAR SEAT OCCUPANT OR OBJECT? (CODE OCCUPANT CONTACT WITH HEAD RESTRAINT IN PREVIOUS VARIABLE)	134	3	32	6	Damaged, not known if separated			
DAMAGE TO LATCH OF FOLDING BACK OF REAR SEAT?	135	3	33	7	Unknown if damaged, not separated			
				8	Unknown if damaged, separated			
				9	Unknown if damaged or separated			
<u>DOOR DATA</u>								
DOORS - SUBJECT TO ADR 2?	136	3	34		DOOR HINGES: DAMAGED?	141	3	39
1 Yes				0	No door fitted			
2 No				1	Not damaged			
3 No doors				2	Damaged, neither separated			
9 Unknown				3	Damaged, one separated			
<u>DOOR DATA: DRIVER'S DOOR</u>								
DOOR DAMAGED?	137	3	35		OCCUPANT CONTACT WITH INTERIOR OF DOOR?	142	3	40
0 No door fitted				0	No door fitted or door open			
1 Yes				1	No contact			
2 No				2	Window sill			
9 Unknown				3	Armrest			
				4	Door opener			
				5	Door lock			
				6	Window winder			
				7	Remainder of door interior			
				8	Combinations of the above			
				9	Unknown			
DOOR OPENED IN CRASH?	138	3	36		<u>DOOR DATA: RIGHT REAR DOOR</u>			
0 No door fitted					(Code as for Driver's Door)			
1 Yes								
2 No					DOOR DAMAGED?	143	3	41
3 Door open prior to impact					DOOR OPENED IN CRASH?	144	3	42
9 Unknown					OPERATION OF DOOR AFTER CRASH	145	3	43
					DOOR LATCH: DAMAGE AND SEPARATION	146	3	44
					DOOR HINGES: DAMAGED?	147	3	45
					OCCUPANT CONTACT WITH INTERIOR OF DOOR	148	3	46
OPERATION OF DOOR AFTER CRASH	139	3	37		<u>DOOR DATA: LEFT REAR DOOR</u>			
0 No door fitted					(Code as for Driver's Door)			
1 Operates normally					DOOR DAMAGED?	149	3	47
2 Closed, cannot open fully					DOOR OPENED IN CRASH?	150	3	48
3 Jammed shut					OPERATION OF DOOR AFTER CRASH	151	3	49
4 Open, operates normally					DOOR LATCH: DAMAGE AND SEPARATION	152	3	50
5 Open, can close but not fully								
6 Open, cannot close or open fully								
7 Open, cannot close								
8 Door separated from vehicle								
9 Unknown								
DOOR LATCH: DAMAGE AND SEPARATION	140	3	38					
0 No door fitted								
1 No damage, not separated								
2 No damage, separated								
3 No damage, not known if separated								
(continued)								

DOOR HINGES: DAMAGED?	153	3	51	WINDOW GLASS: RIGHT REAR WINDOW (BETWEEN B & C PILLARS):			
OCCUPANT CONTACT WITH INTERIOR OF DOOR?	154	3	52	OCCUPANT CONTACT? Code as previously	167	3	65
<u>DOOR DATA:</u> <u>LEFT FRONT DOOR</u>				<u>WINDOW GLASS:</u> RIGHT REAR VENT (AHEAD OF C PILLAR):			
(Code as for Driver's Door)				OCCUPANT CONTACT? Code as previously	168	3	66
DOOR DAMAGED?	155	3	53	WINDOW GLASS: RIGHT REAR WINDOW, WAGON (BETWEEN C AND D PILLARS):			
DOOR OPENED IN CRASH?	156	3	54	OCCUPANT CONTACT? Code as previously	169	3	67
OPERATION OF DOOR AFTER CRASH	157	3	55	WINDOW GLASS: BACK WINDOW:			
DOOR LATCH: DAMAGE AND SEPARATION	158	3	56	OCCUPANT CONTACT? Code as previously	170	3	68
DOOR HINGES: DAMAGED?	159	3	57	WINDOW GLASS: LEFT REAR WINDOW, WAGON (BETWEEN C AND D PILLARS):			
OCCUPANT CONTACT WITH INTERIOR OF DOOR?	160	3	58	OCCUPANT CONTACT? Code as previously	171	3	69
<u>GLAZING DATA</u>				<u>WINDOW GLASS:</u> LEFT REAR VENT (AHEAD OF C PILLAR):			
GLAZING - SUBJECT TO ADR 8?	161	3	59	OCCUPANT CONTACT? Code as previously	172	3	70
1 Yes				WINDOW GLASS: LEFT REAR WINDOW (BETWEEN B & C PILLARS):			
2 No				OCCUPANT CONTACT? Code as previously	173	4	1
9 Unknown				WINDOW GLASS: LEFT FRONT WINDOW:			
WINDSCREEN - OCCUPANT CONTACT WITH GLASS?	162	3	60	OCCUPANT CONTACT? Code as previously	174	4	2
1 Yes				WINDOW GLASS: LEFT FRONT WINDOW:			
2 No				OCCUPANT CONTACT? Code as previously	175	4	3
9 Unknown				<u>TYRES AND SUSPENSION</u>			
WINDSCREEN - MISTING RELEVANT?	163	3	61	TYRES - SUBJECT TO ADR23?	176	4	4
0 No misting				1 Yes			
1 Yes				2 No			
2 No				9 Unknown			
9 Unknown				TYRES - SUBJECT TO ADR24?	177	4	5
WINDSCREEN - DEMISTING SUBJECT TO ADR15?	164	3	62	Code as above			
1 Yes				TYRES - INCORRECT SPECIFICATION RELEVANT? (SIZE, CARCASS)	178	4	6
2 No				Code as above			
9 Unknown				TYRES - INCORRECT OPERATION RELEVANT? (PRESSURE, TREAD DEPTH)	179	4	7
WINDOW GLASS: DRIVER'S VENT WINDOW: OCCUPANT CONTACT?	165	3	63	Code as above			
0 No window fitted							
1 Yes, with glass							
2 Yes, with frame							
3 Yes, with glass and frame							
4 Other than the above							
5 No contact							
9 Unknown							
WINDOW GLASS: RIGHT FRONT WINDOW: OCCUPANT CONTACT? Code as previously	166	3	64				

SUSPENSION -
MODIFICATION
RELEVANT?

180 4 8
0 Modified, not relevant
1 Yes
2 Not modified
8 Not known if modified, not relevant
9 Unknown

SUSPENSION -
CONDITION RELEVANT
(WORN SHOCK
ABSORBERS, JOINTS)?

181 4 9
1 Yes
2 No
8 Condition not known, not relevant
9 Unknown

FUEL LEAKAGE

FUEL TANK - SUBJECT
TO ADRI7? 182 4 10
1 Yes
2 No
9 Unknown

SOURCE OF FUEL
LEAKAGE 183 4 11
0 No fuel leakage
1 Filler cap
2 Filler neck/vent pipe
3 Tank fittings other than (2) above
4 Body of tank
5 Rigid fuel lines
6 Flexible fuel lines
7 Fuel pump/filter/carburettors/injectors
8 Other than the above
9 Unknown

FIRE

ANY PERSON BURNT BY
FIRE? 184 4 12
0 No fire
1 Yes, minor burns
2 Yes, major burns
3 Yes, critical to fatal burns
4 No
9 Unknown

BONNET/WINDSCREEN
PENETRATION

BONNET: ELEVATION
OF REAR EDGE? 185 4 13
1 Not elevated
2 Elevated, not past plane of wind-screen
3 Elevated, penetrates plane of windscreen
4 Other (describe)
5 No bonnet
9 Unknown

LIGHTING

REVERSING LAMPS -
SUBJECT TO ADRI? 186 4 14
0 Not fitted
1 Yes
2 No
9 Unknown

TURN SIGNAL LAMPS -
SUBJECT TO ADR6? 187 4 15
Code as above

PARKING LAMPS -
OPERATION RELEVANT? 188 4 16
Code as above

HEADLAMPS -
OPERATION RELEVANT? 189 4 17
Code as above

STOP (BRAKE) LAMPS -
OPERATION RELEVANT? 190 4 18
Code as above

TURN SIGNAL LAMPS -
OPERATION RELEVANT? 191 4 19
Code as above

TOWING

TRAILER - RELEVANT
FACTOR? 192 4 20
Code as above

CHILD RESTRAINT

CHILD RESTRAINT
OCCUPIED? 193 4 21
Code as above

REVERSING LAMPS

REVERSING LAMPS -
OPERATING MODE
RELEVANT? 194 4 22
0 No
1 Yes
2 Possibly
9 Unknown

5. OTHER REPORTS ON THIS IN-DEPTH STUDY

Other reports on this in-depth study cover the following areas:

- An Overview
- Pedestrian Accidents
- Pedal Cycle Accidents
- Motorcycle Accidents
- Commercial Vehicle Accidents
- Car Accidents
- Road and Traffic Factors
- Summary and Recommendations
- Accident Descriptions and Scale Plans

REFERENCES

McLean, A.J. (1975), Accident Severity Estimation in Road Crash Injury Research, Report prepared for the Commonwealth Department of Transport, Road Accident Research Unit, University of Adelaide, Adelaide.

_____ (1972), Collision Deformation Classification, SAE J224a, Recommended Practice, Soc. Automotive Engrs., New York.