Motorcycle Crash Causation Study: Volume 1—Data Collection and Variable Naming

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FOREWORD

The Motorcycle Crash Causation Study, conducted through the Federal Highway Administration Office of Safety Research and Development, produced a wealth of information on the causal factors for motorcycle crashes, and its corresponding Volumes provide perspectives on what crash-countermeasure opportunities can be developed. This study used a crash- and control-case approach developed from the Organisation for Economic Cooperation and Development protocols, which as discussed in this report, has provided insights into more than 1,900 data elements that may be associated with motorcycle-crash causation. The research team produced a final report along with a 14-volume series of supplemental reports that provide an overview of the study and a summary of its observations, the data-collection forms and coding definitions, a tabulation of each data element collected from each form, and selected comparisons with previous studies. It is anticipated that readers will select those Volumes and data elements that provide information of specific interest.

This document, Volume 1—Data Collection and Variable Naming, describes the data naming conventions, lists 2,600 uniquely named variables produced in the database, and provides a means for users to identify variables of interest. This report will be of interest to individuals involved in traffic safety, safety training, crash and injury reduction, and roadway design and policy making, as well as to motorcycle- and safety-equipment designers, crash investigators and researchers, motorcycle and automotive manufacturers and consumers, roadway users, and human-factors specialists.

Brian P. Cronin, P.E.
Director, Office of Safety and Operations
Research and Development

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16. Abstract					
The purpose of this study was to gathe	er data on motorcy	ycle crashes by inte	ensive	post-crash investiga	ations and
control motorcycle observations and interviews conducted in Orange County, CA. The study developed a dataset					
that researchers can access and use to investigate additional research questions. The database provides data from					
351 injury crashes and 702 paired control observations. Of the crashes observed, 82 were single-vehicle crashes,					
and 269 were multiple-vehicle crashes involving a total of 294 other in-transit vehicles and 11 parked vehicles.					
Forty crashes resulted in fatalities with 22 single-vehicle-crash and 18 multiple-vehicle-crash fatalities observed.					
The study compiled observations on rider, passenger, and other-vehicle driver demographics; environmental					
factors; factors contributing to the crash; motorcycle and other-vehicle parameters; injuries sustained; and					
clothing/safety equipment used. For crashes, the research team compared observations for crash and control					
riders, passengers, and motorcycles ar					
study compiled and compared the data for single- and multiple-vehicle crashes, fatality and non-fatality crashes,					
along with selected previous studies and elements of the National Automotive Sampling System (NASS)/General					
Estimates System (GES) and Fatality Analysis Reporting System (FARS) databases. (1–3) The data are available in					e available in
SAS® and Excel TM formats along with a Coding Manual defining all codes used. (4)					
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	SI* (MODERN	METRIC) CONVEI	RSION FACTORS	
APPROXIMATE CONVERSIONS TO SI UNITS				
Symbol	When You Know	Multiply By	To Find	Symbol
		LENGTH		
in	inches	25.4	millimeters	mm
ft	feet	0.305	meters	m
yd mi	yards miles	0.914 1.61	meters kilometers	m km
1111	mico	AREA	Kilometers	KIII
in ²	square inches	645.2	square millimeters	mm ²
ft ²	square feet	0.093	square meters	m^2
yd ²	square yard	0.836	square meters	m ²
ac	acres	0.405	hectares	ha . 2
mi ²	square miles	2.59	square kilometers	km ²
fl	fluid augasa	VOLUME		
fl oz	fluid ounces gallons	29.57 3.785	milliliters liters	mL L
gal ft ³	cubic feet	0.028	cubic meters	m ³
yd ³	cubic yards	0.765	cubic meters	m ³
	NOTE: vo	lumes greater than 1000 L shall		
		MASS		
oz	ounces	28.35	grams	g
lb -	pounds	0.454	kilograms	kg
Т	short tons (2000 lb)	0.907	megagrams (or "metric ton")	Mg (or "t")
°F		EMPERATURE (exact de		°C
F	Fahrenheit	5 (F-32)/9 or (F-32)/1.8	Celsius	
		ILLUMINATION		
fc	foot-candles	10.76	lux	lx
fl	foot-Lamberts	3.426	candela/m²	cd/m ²
	FOI	RCE and PRESSURE or S		
lbf	poundforce	4.45	newtons	N
lbf/in ²	poundforce per square inch	6.89	kilopascals	kPa
	APPROXIM	ATE CONVERSIONS F	ROM SI UNITS	
Symbol	When You Know	Multiply By	To Find	Symbol
		LENGTH		
mm	millimeters	0.039	inches	in
m	meters	3.28	feet	ft
m	meters	1.09	yards	yd
km	kilometers	0.621	miles	mi
2		AREA		. 2
mm ² m ²	square millimeters	0.0016	square inches	in ² ft ²
		10.764		
	square meters	10.764 1.195	square feet square vards	vd ²
m² ha	square meters square meters hectares	10.764 1.195 2.47	square feet square yards acres	yd² ac
m ²	square meters	1.195 2.47 0.386	square yards	yd ²
m² ha	square meters hectares	1.195 2.47	square yards acres	yd² ac
m ² ha km ²	square meters hectares square kilometers milliliters	1.195 2.47 0.386 VOLUME 0.034	square yards acres square miles fluid ounces	yd² ac mi² fl oz
m ² ha km ² mL	square meters hectares square kilometers milliliters liters	1.195 2.47 0.386 VOLUME 0.034 0.264	square yards acres square miles fluid ounces gallons	yd ² ac mi ² fl oz gal
m ² ha km ² mL L m ³	square meters hectares square kilometers milliliters liters cubic meters	1.195 2.47 0.386 VOLUME 0.034 0.264 35.314	square yards acres square miles fluid ounces gallons cubic feet	yd ² ac mi ² fl oz gal ft ³
m ² ha km ² mL	square meters hectares square kilometers milliliters liters	1.195 2.47 0.386 VOLUME 0.034 0.264 35.314 1.307	square yards acres square miles fluid ounces gallons	yd ² ac mi ² fl oz gal
m ² ha km ² mL L m ³ m ³	square meters hectares square kilometers milliliters liters cubic meters cubic meters	1.195 2.47 0.386 VOLUME 0.034 0.264 35.314 1.307 MASS	square yards acres square miles fluid ounces gallons cubic feet cubic yards	yd ² ac mi ² fl oz gal ft ³ yd ³
m ² ha km ² mL L m ³ m ³	square meters hectares square kilometers milliliters liters cubic meters cubic meters grams	1.195 2.47 0.386 VOLUME 0.034 0.264 35.314 1.307 MASS 0.035	square yards acres square miles fluid ounces gallons cubic feet cubic yards ounces	yd² ac mi² fl oz gal ft³ yd³
m ² ha km ² mL L m ³ m ³	square meters hectares square kilometers milliliters liters cubic meters cubic meters	1.195 2.47 0.386 VOLUME 0.034 0.264 35.314 1.307 MASS	square yards acres square miles fluid ounces gallons cubic feet cubic yards	yd ² ac mi ² fl oz gal ft ³ yd ³
m ² ha km ² mL L m ³ m ³ g kg	square meters hectares square kilometers milliliters liters cubic meters cubic meters grams kilograms megagrams (or "metric ton")	1.195 2.47 0.386 VOLUME 0.034 0.264 35.314 1.307 MASS 0.035 2.202 1.103	square yards acres square miles fluid ounces gallons cubic feet cubic yards ounces pounds short tons (2000 lb)	yd ² ac mi ² fl oz gal ft ³ yd ³ oz lb
m ² ha km ² mL L m ³ m ³	square meters hectares square kilometers milliliters liters cubic meters cubic meters grams kilograms megagrams (or "metric ton")	1.195 2.47 0.386 VOLUME 0.034 0.264 35.314 1.307 MASS 0.035 2.202	square yards acres square miles fluid ounces gallons cubic feet cubic yards ounces pounds short tons (2000 lb)	yd ² ac mi ² fl oz gal ft ³ yd ³ oz lb
m² ha km² mL L m³ m³ g kg Mg (or "t")	square meters hectares square kilometers milliliters liters cubic meters cubic meters grams kilograms megagrams (or "metric ton")	1.195 2.47 0.386 VOLUME 0.034 0.264 35.314 1.307 MASS 0.035 2.202 1.103 EMPERATURE (exact decorated)	square yards acres square miles fluid ounces gallons cubic feet cubic yards ounces pounds short tons (2000 lb) grees)	yd ² ac mi ² fl oz gal ft ³ yd ³ oz lb T
m² ha km² mL L m³ m³ g kg Mg (or "t") °C	square meters hectares square kilometers milliliters liters cubic meters cubic meters grams kilograms megagrams (or "metric ton") TI Celsius lux	1.195 2.47 0.386 VOLUME 0.034 0.264 35.314 1.307 MASS 0.035 2.202 1.103 EMPERATURE (exact degents)	square yards acres square miles fluid ounces gallons cubic feet cubic yards ounces pounds short tons (2000 lb) grees)	yd ² ac mi ² fl oz gal ft ³ yd ³ oz lb T
m² ha km² mL L m³ m³ g kg Mg (or "t") °C	square meters hectares square kilometers milliliters liters cubic meters cubic meters grams kilograms megagrams (or "metric ton") Celsius lux candela/m²	1.195 2.47 0.386 VOLUME 0.034 0.264 35.314 1.307 MASS 0.035 2.202 1.103 EMPERATURE (exact degree 1.8C+32 ILLUMINATION 0.0929 0.2919	square yards acres square miles fluid ounces gallons cubic feet cubic yards ounces pounds short tons (2000 lb) grees) Fahrenheit foot-candles foot-Lamberts	yd² ac mi² fl oz gal ft³ yd³ oz lb T
m² ha km² mL L m³ m³ g kg Mg (or "t") °C	square meters hectares square kilometers milliliters liters cubic meters cubic meters grams kilograms megagrams (or "metric ton") Celsius lux candela/m²	1.195 2.47 0.386 VOLUME 0.034 0.264 35.314 1.307 MASS 0.035 2.202 1.103 EMPERATURE (exact degates) 1.8C+32 ILLUMINATION 0.0929	square yards acres square miles fluid ounces gallons cubic feet cubic yards ounces pounds short tons (2000 lb) grees) Fahrenheit foot-candles foot-Lamberts	yd² ac mi² fl oz gal ft³ yd³ oz lb T
m² ha km² mL L m³ m³ y³ Mg (or "t")	square meters hectares square kilometers milliliters liters cubic meters cubic meters grams kilograms megagrams (or "metric ton") Celsius lux candela/m²	1.195 2.47 0.386 VOLUME 0.034 0.264 35.314 1.307 MASS 0.035 2.202 1.103 EMPERATURE (exact degree 1.8C+32 ILLUMINATION 0.0929 0.2919	square yards acres square miles fluid ounces gallons cubic feet cubic yards ounces pounds short tons (2000 lb) grees) Fahrenheit foot-candles foot-Lamberts	yd² ac mi² fl oz gal ft³ yd³ oz lb T

^{*} SI is the symbol for the International System of Units. Appropriate rounding should be made to comply with Section 4 of ASTM E380. (Revised March 2003)

MOTORCYCLE CRASH CAUSATION STUDY REPORT SERIES

This Motorcycle Crash Causation Study (MCCS) research report series is comprised of a final report supplemented by 14-volumes. This document is Volume 1. Each Volume is a description of a data-collection form or protocol used in the MCCS, and any reference to a Volume in this series will be referenced in the text as "MCCS Volume 1," "MCCS Volume 2," and so forth. A list of the Volumes is as follows:

Volume	Title	Report Number
1	Data Collection and Variable Naming	18-040
2	Coding Manual	18-039
3	Crash Form Data Tabulation	Unpublished, available on request
4	Environment Form Data Tabulation	Unpublished, available on request
5	Contributing Factors Form Data Tabulation	Unpublished, available on request
6	Motorcycle Rider and Control Rider Forms Data Tabulation	Unpublished, available on request
7	Motorcycle Passenger and Control Passenger Forms Data Tabulation	Unpublished, available on request
8	Motorcycle Mechanical and Control Motorcycle Mechanical Forms Data	Unpublished, available on request
9	Motorcycle Dynamics Form Data Tabulation	Unpublished, available on request
10	Injury Form Data Tabulation	Unpublished, available on request
11	Other Vehicle Driver Form Data Tabulation	Unpublished, available on request
12	Other Vehicle Form Data Tabulation	Unpublished, available on request
13	Helmet Form Data Tabulation	Unpublished, available on request
14	Study Comparison Report	Unpublished, available on request

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LIST OF ABBREVIATIONS

ABS antilock braking system

BAC blood alcohol content

CD compact disc

CF Crash Form/center front

CM Control Motorcycle Mechanical Form
CP Control Motorcycle Passenger Form

CR Control Motorcycle Rider Form/center rear

DID Daido

DOT department of transportation

EF Environment Form

EL entire left side

EMS emergency medical services

ER emergency room/entire right side

FARS Fatality Analysis Reporting System

FCI Functional Capacity Index

FF Contributing Factors Form

FHWA Federal Highway Administration

GES General Estimates System
GPS global positioning system

HF Helmet Form IF Injury Form

ISS injury severity score

LC left center
LF left front
LR left rear
LT left turn
MC Motorcycle

MCCS Motorcycle Crash Causation Study

MD Motorcycle Dynamics Form

MM Motorcycle Mechanical Form

MP Motorcycle Passenger Form

MR Motorcycle Rider Form

MV motor vehicle N/A not applicable

NASS National Automotive Sampling Survey

NC no direct contact to motorcycle

OD Other Vehicle Driver Form

OECD Organisation for Economic Cooperation and Development

OV Other Vehicle Form/other vehicle

PAR Police Accident Report

PDOF principal direction of force

POI point of impact

POR point of rest
RC right center
RF right front
RR right rear

RT right turn

SAS Statistical Analysis Software

TC top center
TF top front
TR top rear

UC undercarriage center
UF undercarriage front
UR undercarriage rear

USDOT United States Department of Transportation

VIN vehicle identification number

DATA-COLLECTION FORMS

The Federal Highway Administration (FHWA) conducted this Motorcycle Crash Causation Study (MCCS) to identify and evaluate factors that may contribute to the rising toll of motorcycle crash—related fatalities and injuries in the United States. Data were collected on 351 police-reported, motorcycle-involved, injury-producing crashes. Whenever possible, trained investigators responded to notifications of crashes and began data collection while first responders were present at the scene of the crash. Data collection was executed using 14 data-collection forms. These forms each contain a series of questions (herein referred to as variables) and designated spaces for entering the responses. Responses were selected from a series of codes, and each series provided either a complete set of possible responses or a list of anticipated responses and the ability to enter additional data in a text field. The screen capture in figure 1 is an example of a logically complete set of anticipated responses to the variable asking which day of the week the crash occurred. The full form is available in appendix A-1.

1. Day of Week Crash Occurred

- (1) Monday
- (2) Tuesday
- (3) Wednesday
- (4) Thursday
- (5) Friday
- (6) Saturday
- (7) Sunday

Source: FHWA.

Figure 1. Screen capture. Example of a logically complete set of anticipated responses.

In this example, only seven responses are possible, all of these responses are listed, and the single digit representing the appropriate day of the week would be entered on the space provided. For other variables, the possible responses are too numerous to list, and so, the data would be entered directly in the spaces provided on the form, such as in the case of the odometer reading of a motorcycle. The screen capture in figure 2 is an example of such a variable. The full form is available in appendix A-8. For unusual situations, guidance was provided in each variable (regarding the odometer reading, for instance, if the odometer were broken or missing, a response could not be obtained).

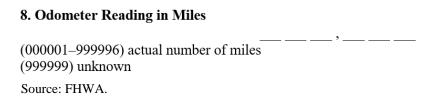


Figure 2. Screen capture. Odometer reading in miles.

For many variables, while it was possible to enumerate most of the possible responses with a high degree of confidence, the data-collection forms provided the investigator the ability to either select from the coded responses or to select a response code. In unusual cases, for instance,

"(98) other (specify)" would be selected and the data added into a text field. The screen capture in figure 3 is an example of this type of variable. The full form is available in appendix A-12. Only in cases when a written response for the variable was required would the investigator enter data in the associated text field; this saved time in data entry, assured consistent responses, and provided a verification that the list did not include the needed response/code. Periodically, the entries in the text fields were reviewed and the Coding Manual (MCCS Volume 2) and data-collection forms were updated.⁽⁴⁾

14. What Was Your Trip Destination? (01) home (02) work, business (03) recreation/social (04) school (05) errand, shopping (06) family, friends, relatives (07) meals, restaurant, café, etc. (08) transport someone (09) medical/dental (10) bar/pub (11) religious activity (12) personal business/obligations (13) no destination, joy riding (98) other (specify) (99) unknown Source: FHWA.

Figure 3. Screen capture. Trip Destination.

Each of the 14 data-collection forms are provided in appendix A. These forms and their corresponding abbreviations, which were used for naming purposes (discussed further in the section Data Naming and Coding: Conventions and Identification of Data Elements for Research) are as follows:

- Crash Form (CF).
- Environment Form (EF).
- Contributing Factors Form (FF).
- Motorcycle Rider Form (MR).
- Control Motorcycle Rider Form (CR).
- Motorcycle Passenger Form (MP).
- Control Motorcycle Passenger Form (CP).
- Motorcycle Mechanical Form (MM).
- Control Motorcycle Mechanical Form (CM).
- Motorcycle Dynamics Form (MD).
- Injury Form (IF).
- Other Vehicle Driver Form (OD).
- Other Vehicle Form (OV).
- Helmet Form (HF).

Whenever two or more forms contained the same variables, which often occurred with the pairs of crashed and control riders, passengers, and motorcycles, the enumerated responses were identical so that the responses were consistently coded and readily tabulated and compared. Volumes 3 through 13¹ of this study provide the tabulations and comparisons of the data collected on the various forms. The 14 Volumes provide example data comparisons to previous and national studies. (4,5)

¹Volumes 3 through 14 are available through FHWA on request.

DATA NAMING AND CODING: CONVENTIONS AND IDENTIFICATION OF DATA ELEMENTS FOR RESEARCH

Within the study, variable naming conventions were employed to enable identification of similar data elements. Within the SAS® and ExcelTM data, variable names were developed as concatenations of acronyms and abbreviations to enable researchers to quickly and easily associate data elements that may be needed to address their research interests. All variable names were limited to 32 characters or fewer by the SAS® software. The general format of variable names concatenated the form acronym with the three-digit variable number and a variable descriptor developed using block codes. For example, the variable that tallies the number of motorcycle passengers involved in the crash is variable 8 of the Crash Data-Collection Form and would be designated as CF008_MCPASSENGERCOUNT.

On the data-collection forms (see appendix A of this Volume), the team endeavored to enumerate and define the most likely responses. As not all of the possible responses could be explicitly enumerated or would be applicable in all situations, three codes were provided: "not applicable," "other (specify)," and "unknown." These three codes always ended with the digits 97, 98, or 99, respectively. Whenever the format for the data entry required more than two digits, additional preceding 9s (997, 9997, 99997, ...) were included to assure data consistency. The "other (specify)" code (all 9s followed by an 8 entered into the response field) was provided to capture unanticipated responses in text. To capture such unanticipated responses, a two-level response format was used. Whenever a field investigator encountered a situation in the field that was not included in the list of anticipated responses, the investigator would enter a series of 9s ending with an 8 to designate that a text field would be used to enter the data. Data elements that were used to hold these text data appended the characters "TXT" to the block code. For example, if an investigator encountered a rider with an unusually colored helmet, in response to variable 30 of the Motorcycle Rider Data-Collection Form, he or she would first record "98" for the variable MR030 HELMETCOLOR and then a text description/designation of the color in the MR30 HELMETCOLORTXT field. As the study unfolded, whenever the same TXT response began to appear repeatedly, the response was added to the enumerated list of responses on the data-collection form and to the Coding Manual (MCCS Volume 2). (4) This enabled the responses to be included in and improve the strength of the statistical analyses (see Volumes 3 through 14² for tabulation and statistical comparisons of the observed data). A full list of all data names used in the study is provided in appendix B of this Volume.

This data naming structure was established in order to assist researchers in the identification of data items of interest and provide a means of grouping and exploring the relationships of (possibly) related data elements so that their individual and collective interaction/influence on crash potential can be developed. For example, in a study on conspicuity, one might wish to generate a list of data elements related to color. The following is a list of the 72 data elements with the first two letters providing the data form/entity identification, the next three numbers

²Volumes 3 through 14 are available through FHWA on request.

indicating the variable number on the data form, and the descriptor following the underscore providing a description of the data element that includes the character string "COLOR":

- CM014_HF007.
- CM014_MCCOLOR.
- CM014 MCCOLORTXT.
- CP008_HELMETCOLOR.
- CP008 HELMETCOLORTXT.
- CP009_FACESHIELDCOLOR.
- CP009 FACESHIELDCOLORTXT.
- CP042_CLOTHINGCOLORTORSO.
- CP042 CLOTHINGCOLORTORSOTXT.
- CP042_CLOTHINGCOLORWAISTDOWN.
- CP042 CLOTHINGCOLORWAISTDOWNTXT.
- CP042 COLORFOOTWEAR.
- CP042_COLORFOOTWEARTXT.
- CP042 COLORGLOVES.
- CP042_COLORGLOVESTXT.
- CP044 COLOROFLENS.
- CP044_COLOROFLENSTXT.
- CR016 HELMETCOLOR.
- CR016_HELMETCOLORTXT.
- CR017_FACESHIELDCOLOR.
- CR017 FACESHIELDCOLORTXT.
- CR068_CLOTHINGCOLORTORSO.
- CR068 CLOTHINGCOLORTORSOTXT.
- CR068_CLOTHINGCOLORWAISTDOWN.
- CR068 CLOTHINGCOLORWAISTDOWNTXT.
- CR068_COLORFOOTWEAR.
- CR068 COLORFOOTWEARTXT.
- CR068_COLORGLOVES.
- CR068 COLORGLOVESTXT.
- CR071 COLOROFLENS.
- CR071_COLOROFLENSTXT.
- HF007_HELMETCOLOR.
- HF007_HELMETCOLORTXT.
- HF008 MR086.
- HF008_FACESHIELDCOLOR.
- HF008_FACESHIELDCOLORTXT.
- MM010_MCCOLOR.
- MM010 MCCOLORTXT.
- MP011_HELMETCOLOR.
- MP011_HELMETCOLORTXT.
- MP012 FACESHIELDCOLOR.

- MP012 FACESHIELDCOLORTXT.
- MP046 CLOTHINGCOLORTORSO.
- MP046_CLOTHINGCOLORTORSOTXT.
- MP046_CLOTHINGCOLORWAISTDOWN.
- MP046_CLOTHINGCOLORWAISTDOWNTXT.
- MP046 COLORFOOTWEAR.
- MP046 COLORFOOTWEARTXT.
- MP046 COLORGLOVES.
- MP046_COLORGLOVESTXT.
- MP048 COLOROFLENS.
- MP048 COLOROFLENSTXT.
- MR030 HELMETCOLOR.
- MR030_HELMETCOLORTXT.
- MR031_FACESHIELDCOLOR.
- MR031_FACESHIELDCOLORTXT.
- MR083 CLOTHINGCOLORTORSO.
- MR083_CLOTHINGCOLORTORSOTXT.
- MR083_CLOTHINGCOLORWAISTDOWN.
- MR083 CLOTHINGCOLORWAISTDOWNTXT.
- MR083_COLORFOOTWEAR.
- MR083 COLORFOOTWEARTXT.
- MR083_COLORGLOVES.
- MR083 COLORGLOVESTXT.
- MR086_COLOROFLENS.
- MR086_COLOROFLENSTXT.

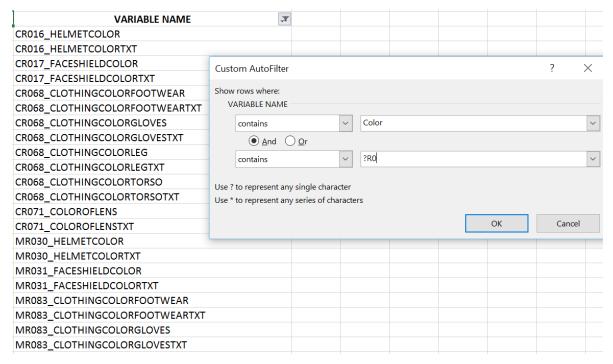
Within the dataset, separate records are available and numbered consecutively to distinguish the multiple entities when more than one is associated with a particular crash. For example, each injury is included as a separate record. Whenever the rider, passenger, and other crash-involved individual were injured in the same crash, a separate Injury Data-Collection Form was used to collect the data for each individual. Each form for the crash is identified by the crash number and the injured individual's unique identifier, and the individual/multiple injuries are each uniquely/serially numbered and identified in the data. This allowed grouping of the data for the crash as well as for each individual as needed in the analysis.

In a similar vein, some variables collected multiple responses. For example, a rider may hold multiple licenses or endorsements, such as motorcycle, auto, chauffer, etc., or perform multiple pre-departure motorcycle checks, such as for tire inflation, worn cables, fluids, etc. For variables that received multiple responses, a numerical designator was added to each response so it could be identified individually. For example, a motorcycle rider may have up to four licenses, the data elements of which would be named MR091_LICENSETYPE1, MR091_LICENSETYPE2, MR091_LICENSETYPE3, and MR091_LICENSETYPE4.

The list of data elements provided in this Volume may be searched visually or by using document/text filters, or for those researchers wishing to work directly with the case data (see

next section of this document, Procedures for Obtaining Electronic Study Files/Data for instructions on how to access the data), searchable lists in ExcelTM can be obtained and used. By filtering the data-element names, for example, using the text filters in ExcelTM, one can easily find the variables of interest, especially in Volumes 3 through 14 of this study.

An example of a search for data elements related to color for both crash and control riders using text filters in ExcelTM is illustrated in figure 4. Note that the "AND" option and the wild card, "?," are used to limit the search to variable names that contain "COLOR," and MR0 and CR0 are specified to search only for the MR and CR and variables 01 through 99.



Source: FHWA.

Figure 4. Screen capture. Example of a search for data elements related to color for both crash and control riders.

All of the data-collection forms are provided in appendix A. A complete list of all data-element names in Volumes 3 through 13 and in the SAS® and ExcelTM data files is provided in appendix B.

PROCEDURES FOR OBTAINING ELECTRONIC MCCS FILES AND DATA

Instructions for obtaining copies of the data from the MCCS or copies of the final report and corresponding Volumes are provided on the FHWA MCCS website. (6)

DATA AVAILABLE ON REQUEST

Electronic versions of the data gathered during the MCCS are available to researchers in SAS® and ExcelTM formats. The complete dataset or selected subsets of the crash and control data collected during the study are available upon request to FHWA as outlined on the website. (6) Data from each of the 14 data-collection forms are available in SAS® and ExcelTM formats as well as metadata files of all variables and how cases were classified for grouping and analysis in the study. MCCS Volume 2, a coding manual defining all response codes and their interpretations and meanings, is also available. (6)

APPENDIX A. DATA-COLLECTION FORMS

A-1. CRASH DATA-COLLECTION FORM

The following form is a blank form.

Crash Form	Case Number
1. Day of Week Crash Occurred	6. How Many Other Vehicles Were Involved in the Crash?
<u> </u>	
(1) Monday	(00) none
(2) Tuesday	(01) one
(3) Wednesday	(02) two
(4) Thursday	(03) three
(5) Friday (6) Saturday	(04) four or more
(7) Sunday	(96) noncontact with other vehicle
(7) Sunday	(97) not applicable
2. Time of Day Crash Occurred	(98) other (specify)(99) unknown
24-hour clock	7. How Many Pedestrians Were Involved in the Crash?
3. First Harmful Event for Motorcycle	(00) none
	_ (01) one
(01) collision with other motor vehicle	(02) two
(02) collision with fixed object	(03) three
(03) collision with nonfixed object	(04) four or more
(04) collision with pedestrian/cyclist/nonmotorist	(97) not applicable
(05) noncollision	(98) other (specify)
(98) other event (specify)	(99) unknown
(99) unknown event or object	
A TOTAL Company MC Describ Madeline Comp	8. Number of Passengers on the Motorcycle
4. If This Case Is a MC vs. MC, Provide Matching Case	(00)
Number	(00) none
	_ (01) one
5. Presence at Crash Scene	(02) two (03) three
CODE UP TO FOUR	(04) four
CODE OF TO FOCK	(05) five
	= (06) five (06) six
	(99) unknown
(00) not on scene	9. Are there Any Fatal Injuries?
(01) nothing present	(00)
(02) crash vehicles present	(00) no (01) yes
(03) police present	(99) unknown
(04) EMS present	(22) GIRGIOWII
(05) motorcycle rider present	
(06) motor vehicle driver(s) present	
(07) motorcycle passengers present (08) motor vehicle passengers present	
(09) nonmotorists present	
(98) other present (specify)	
(99) unknown	

10. Crash Configuration

(01) head-on collision of MC and OV

- (02) OV into MC impact at intersection; both vehicles proceeding straight ahead, paths perpendicular
- (03) MC into OV impact at intersection; both vehicles proceeding straight ahead, paths perpendicular
- (04) OV turning left in front of MC, MC proceeding in either direction perpendicular to OV path
- (05) OV turning right in front of MC, MC proceeding in either direction perpendicular to OV path
- (06) MC and OV traveling in opposite directions, OV turns in front of MC, crossing MC path, OV impacting MC
- (07) MC and OV traveling in opposite directions, OV turns in front of MC, crossing MC path, MC impacting OV
- (08) MC turning left in front of OV, OV proceeding in either direction perpendicular to MC path
- (09) MC turning right in front of OV, OV proceeding in either direction perpendicular to MC path
- (10) MC overtaking OV while OV turning left
- (11) MC overtaking OV while OV turning right
- (12) OV impacting rear of MC
- (13) MC impacting rear of OV
- (14) sideswipe, OV and MC traveling in opposite directions
- (15) sideswipe, OV and MC traveling in same directions
- (16) OV making U-turn or Y-turn ahead of MC
- (17) other MC/OV impacts
- (18) MC falling on roadway, no OV involvement
- (19) MC running off roadway, no OV involvement
- (20) MC falling on roadway in collision avoidance with OV
- (21) MC running off roadway in collision avoidance with OV
- (22) other MC accidents with no OV or other involvement
- (23) MC impacting pedestrian or animal
- (24) MC impacting environmental object
- (98) other (specify)
- (99) unknown

11. Light Conditions

- (01) daylight, bright
- (02) daylight, not bright
- (03) dusk, sundown
- (04) night, lighted
- (05) night, not lighted
- (06) dawn, sunup
- (07) night, continuous illumination
- (08) night, spot illumination
- (98) other (specify)
- (99) unknown

12. Ambient Temperature

PLUS (+) OR MINUS (-) DEGREES FAHRENHEIT

+/-_____

(999) unknown

WEATHER AT TIME OF CRASH

13. Weather Description

- (01) clear
- (02) cloudy, partly cloudy
- (03) overcast
- (04) drizzle, light rain
- (05) moderate or heavy rain
- (06) snow
- (07) sleet, freezing rain
- (08) hail
- (98) other (specify) _
- (99) unknown

14. Wind Description

- (00) none, calm
- (01) light
- (02) moderate
- (03) strong
- (04) light with gusts
- (05) moderate with gusts
- (06) strong with gusts
- (07) variable
- (98) other (specify)
- (99) unknown

15. Wind Direction With Respect to Motorcycle Path

- (00) none, no wind
- (01) left crosswind
- (02) headwind
- (03) right crosswind
- (04) tailwind
- (98) other (specify)
- (99) unknown

A-2. ENVIRONMENT DATA-COLLECTION FORM

The following form is a blank form.

Environment Form	Case Number
	Vehicle Number
TRAFFICWAY DEFINITION	ROADWAY VEHICLE WAS TRAVELING
1. Type of Land Development	4. Trafficway Description
Same Side of Street	
Other Side of Street	(01) two-way, undivided
(01) urban industrial	(02) two-way, with a continuous left-turn lane
(02) commercial/business	(03) two-way, divided, no median barrier
(03) housing: apartments	(04) two-way, divided, with median barrier
(04) housing: single-family homes	(05) one-way
(05) urban school	(98) other (specify)
(06) urban park	(99) unknown
(07) rural farming, ranching, etc.	" Decile Francisco
(08) rural wilderness	5. Roadway Function
(09) rural school	(00)
(10) rural park (98) other (specify)	(00) none (01) interstate/freeway mainline
(99) unknown	(02) freeway entrance ramp
(99) ulikilowii	(02) freeway entrainer ramp (03) freeway exit ramp
2. Relation to Junction	(04) freeway transition (freeway to freeway)
2. Relation to difficult	(05) freeway frontage road
(00) nonjunction	(06) principal arterial, nonfreeway
(01) at-grade intersection area	(07) minor arterial
(02) interchange area	(08) collector
(98) other (specify)	(09) local road/street
(99) unknown	(10) construction detour
	(11) parking area, off-street
3. Type of At-Grade Intersection/Alley or Driveway	(12) alley
	(13) driveway
(00) not at intersection	(14) round about or traffic circle (specify)
(01) four-leg intersection, not skewed	· · · · · · · · · · · · · · · · · · ·
(02) four-leg intersection, skewed	(15) overpass mainline
(03) T-intersection	(16) overpass entrance ramp
(04) Y-intersection	(17) overpass exit ramp
(05) alley, driveway	(18) underpass mainline
(06) offset intersection	(19) underpass entrance ramp (20) underpass exit ramp
(07) intersection as part of interchange	(21) dedicated bicycle/moped path separated from ordinary
(08) roundabout or traffic circle (specify)	vehicular traffic roadway
(09) multileg (five-leg or more) intersection (specify)	(22) dedicated bicycle/moped path not separated from ordinary
(09) multileg (five-leg or more) intersection (specify)	vehicular roadway
(10) rail/light-rail crossing	(23) unseparated HOV lane
(98) other (specify)	(24) separated HOV lane
(99) unknown	(98) other (specify)
(22) WIRHOWH	(99) unknown
	6. Posted Speed Limit in MPH
	(01–96) actual speed limit in miles per hour
	(97) not applicable, no posted speed limit
	(98) other (specify)
	(99) unknown

7. Number of Through Lanes	12. Surface Condition CODE UP TO FOUR; INPUT 00 FOR REMAINING
(01–08) number of lanes	RESPONSES
(97) not applicable	
(99) unknown	
8. Lane in Which the Vehicle Was Traveling	
(01–09) actual lane number	(00) none
(10) right-turn only	(01) dry (02) wet
(11) left-turn only	(02) wet (03) snow
(12) vehicle traveling opposite intended traffic, any lane	(04) slush
(13) lane splitting	(05) ice/frost
(97) not applicable, vehicle not in a lane	(06) water (standing, moving)
(98) other (specify)	(07) mud, dirt
(99) unknown	(08) sand
	(09) gravel
9. Lane Width in Feet/Inches	(10) oil
feetinches	(11) debris (tire tread, construction materials, tree limbs, etc.)
(01–96) actual number of feet and inches (97-97) not applicable, vehicle not in a lane	(12) loads dropped from another vehicle
(99-99) unknown	(98) other (specify) (99) unknown
(37-33) dilkilowii	(99) ulikilowii
10. Travel-Way Width in Feet/Inches	13. Surface Special Features
feet inches	CODE UP TO THREE; INPUT 00 FOR REMAINING
(01–96) actual number of feet and inches	RESPONSES
(97-97) not applicable, vehicle not in a lane	
(99-99) unknown	
ROADWAY SURFACE	(00) none
11 Type of Cymfoss	(01) surface cracking (longitudinal, transverse)
11. Type of Surface	(02) spalling (breaking up, splintering)
(01) concrete	(03) potholes (04) ruts
(02) asphalt	(04) Tuts (05) bump
(03) brick	(06) ripples, ridges
(04) stone	(07) pavement edge drop
(05) gravel	(08) overbanding and tar snakes (specify)
(06) dirt	
(07) metallic	(09) bitumen repair (specify)
(98) other (specify)	40
(99) unknown	(10) tram/train rails
	(11) rumble strips
	(12) grooved pavement (13) steel plates
	(13) steel plates (14) speed bumps/humps
	(15) bridge grating
	(16) expansion joints
	(98) other (specify)
	(99) unknown
	14. Vertical Alignment
	(01) level
	(02) upgrade
	(03) crest vertical curve
	(04) downgrade
	(05) sag vertical curve
	(98) other (specify)
	(99) unknown

15. Horizontal Alignment	18. Type of Traffic Control
(01) straight	(00) no traffic control (skip to # 22)
(02) curve right	(01) yield sign
(03) curve left	(02) stop sign
(04) corner right	(03) three-way, four-way, all-way stop
(05) corner left	(04) traffic control signal
(06) reverse curve right: turn to right, then left, resuming	(05) traffic officer
approximate original direction	(06) construction personnel
(07) reverse curve left: turn to left, then right, resuming	(07) gate, toll gate
approximate original direction	(08) pedestrian crossing
(98) other (specify)	(09) traffic calming/speed bumps
(99) unknown	(10) traffic advisory signage (specify)
16. Horizontal Curve Data	(11) traffic warning signage (specify)
Radius of Curvature feet	
Chord feet	(12) traffic signal, actuated, two-phase
Middle Ordinate feet	(13) traffic signal, actuated, multiphase
Superelevation Rate %	(14) traffic signal, pre-timed, two-phase
Length of Horizontal Curve feet	(15) traffic signal, pre-timed, multiphase
(0000) no curve	(16) traffic control signal, midblock pedestrian crossing
(0001–9996) actual curvature	(17) flasher red
(9998) other (specify)	(18) flasher yellow
(9999) unknown	(98) other (specify)
	(99) unknown
TRAFFIC CONTROLS ON PATH OF TRAVEL	19. Was Traffic Control Functioning Properly?
17. Exclusive Turn-Lane Presence and Type of Signal	
Phasing	(00) no, nonoperational
	(01) yes
(00) no exclusive turn lane, no traffic signal	(02) operational, but malfunctioning (e.g., signal-turn timing is
(01) no exclusive left-turn lane, permissive LT signal phasing	incorrect)
(02) no exclusive left-turn lane, protected/permissive LT signal	(97) not applicable, no traffic control (98) other (specify)
phasing	(99) unknown
(03) no exclusive right-turn lane, permissive RT signal phasing	(99) ulikilowii
(04) no exclusive right-turn lane, protected/permissive RT	20. Traffic Control Visible to Vehicle Operator?
signal phasing (05) exclusive left-turn lane, protected-only LT signal phasing	20. Traine control visible to venicle operator.
with leading green	(00) no
(06) exclusive left-turn lane, protected-only LT signal phasing	(01) yes
with lagging green	(97) not applicable, no traffic control
(07) exclusive left-turn lane, protected/permissive LT signal	(98) other (specify)
phasing with separate signal face	(99) unknown
(08) exclusive left-turn lane, protected/permissive LT signal	44 TF 80° C 4 187° 1 4 11 87 1° 1 O 4 0
phasing with shared signal face	21. Traffic Control Violated by Vehicle Operator?
(09) exclusive right-turn lane, protected-only RT signal	(00) = 0
phasing with leading green (10) evaluative right turn large protected only PT signal	(00) no
(10) exclusive right-turn lane, protected-only RT signal phasing with lagging green	(01) yes (97) not applicable, no traffic control
(11) exclusive right-turn lane, protected/permissive RT signal	(98) other (specify)
phasing with separate signal face	(99) unknown
(12) exclusive right-turn lane, protected/permissive RT signal	(77) ulikilowii
phasing with shared signal face	22. Traffic Density at Time of Crash
(13) exclusive turn lane, no traffic signal	
(98) other (specify)	(00) no other traffic
(99) unknown	(01) light traffic
	(02) moderate traffic
	(03) heavy traffic, traffic moving
	(04) heavy traffic, congested roadway
	(98) other (specify)
	(99) unknown

23. Visibility Limitation Due to	PAVEMENT MARKINGS, LONGITUDINAL
(00) not significantly limited (01) dust	27. Longitudinal Pavement Markings At the Edge of the Lane Traveled By the Vehicle
(02) smoke	
(02) smoke (03) smog	Right Side Left Side
(04) fog	(00) no markings
(05) precipitation	(01) centerline, skip-dash, yellow
(06) glare	(02) centerline, solid, yellow
(07) windscreen/visor condition (specify)	(03) centerline, solid double, yellow
(67) Whitasereeli Visor condition (specify)	(04) lane line, skip-dash, white
(08) misaligned/obscured roadside curved mirror	(05) lane line, solid, white
(98) other (specify)	(06) edge line, left, yellow
(99) unknown	(07) edge line, right, white
(22) dikilowii	(08) left-turn lane lines, combination of solid and skip-dash,
24. Direction of Traffic in Lane Adjacent to Vehicle	yellow
Right Side	(09) turn arrow symbols, thru, left, or combination of the two
Left Side	(97) not applicable, no adjacent lane
(00) no adjacent lane	(98) other (specify)
(01) same direction	(99) unknown
(02) opposite direction	(>>) willio (1)
(03) both directions	28. Pavement Markings Material
(04) bike lane	Right Side
(97) not applicable	Left Side
(98) other (specify)	(00) no markings
(99) unknown	(01) paint
(77) unknown	(02) thermoplastic
25. Parked Vehicle Presence in Lane Adjacent to Vehicle	(03) raised markers
Right Side	(04) tape
Left Side	(97) not applicable, no adjacent lane
(00) no parked vehicles	(98) other (specify)
(01) parallel parked vehicles	(99) unknown
(02) angle parked vehicles	(>>) willio (1)
(03) loading zone, parked vehicles	29. Delineator Presence
(97) not applicable, no adjacent lane	Right Side
(98) other (specify)	Left Side
(99) unknown	(00) no delineator
()) ulikilowii	(01) delineator
26. Shoulder and Sidewalk Presence in Area Adjacent to	(97) not applicable, no adjacent lane
Vehicle Lane of Travel	(98) other (specify)
Right Side	(99) unknown
Left Side	(77) unknown
(00) no shoulder or sidewalk	30. Roadside Environment
	Right Side
(01) shoulder (specify)	Left Side
(02) sidewalk (specify)	(01) level ground, no remarkable features
(03) concrete median	(02) grass, ground cover
(98) other (specify)	(02) grass, ground cover (03) shrubbery
(99) unknown	(04) dirt, soft soil, sand
	(05) gravel preparation
	(06) sidewalk
	(00) side walk (07) paved or topped surface
	(08) trees, posts
	(98) other (specify)
	(99) unknown
	()

WORK ZONE-RELATED 31. Roadside Fixed Objects Right Side _____ 34. Was This Crash Work-Zone Related? Left Side ____ (00) none (01) wall, building, tunnel, etc. (00) no (skip to # 37) (01) yes (02) ditch or low-lying area (specify) (99) unknown (03) trees 35. Location of Crash Within Work Zone (04) impact attenuator/crash cushion (05) bridge pier or support (06) bridge rail (01) before the first work-zone warning sign (02) advance warning area (07) culvert (specify) (03) transition area (08) curb (specify) (09) embankment foreslope (specify; slope = 1V:xH) (04) activity area (05) terminal area (97) not applicable (10) embankment transverse-slope (specify; slope = 1V:xH) (98) other (specify) (99) unknown (11) cut slope, backslope (12) guardrail 36. Type of Work Zone (13) concrete traffic barrier (14) other traffic barrier (01) lane closure (15) utility pole, light support (02) lane shift/crossover (16) traffic sign support (03) work on shoulder or median (17) other post, pole, or support (04) intermittent or moving work (18) fence (97) not applicable (19) mailbox (98) other (specify) (97) not applicable (99) unknown (98) other (specify) (99) unknown FIRST HARMFUL EVENT 32. Stationary View Obstructions Along the Operator's 37. Location of First Harmful Event Line of Sight at Time of Precipitating Event CODE UP TO THREE (01) on roadway (02) shoulder (03) median (04) roadside nonmedian (00) none (05) gore area (01) buildings (06) separator (between arterial and frontage road) (02) signs (07) parking lane or zone (03) vegetation, trees, bushes, walls, vegetation covered fences (08) off roadway, location unknown (04) crest vertical curve (09) outside trafficway (05) blind horizontal curve (98) other (specify) (06) stationary or parked vehicles (99) unknown (07) barricades (98) other (specify) 38. If First Harmful Event Is a Noncollision (99) unknown (01) overturn 33. Mobile View Obstructions Along the Operator's Line of (02) fire/explosion Sight at Time of Precipitating Event (03) immersion (04) jackknife (00) none (05) cargo/equipment loss or shift (01) vehicles: automobiles (06) fell/jumped from motor vehicle (02) vehicles: light trucks and vans (07) thrown or falling object (03) trucks and busses (97) not applicable, event is a collision (04) vehicles: special purpose equipment, construction, cranes (98) other (specify) (05) farm and/or agricultural equipment (99) unknown (06) people, pedestrians (07) animals (98) other (specify)

(99) unknown

39. If First Harmful Event Is a Collision With Nonfixed	42. Location of Pedestrian at Precipitating Event
Object	Pedestrian 1
-	Pedestrian 2
(01) motor vehicle in transport	Pedestrian 3
(02) railway/light-rail vehicle	(00) no pedestrian involvement in precipitating event
(03) pedestrian	(01) in crosswalk
(04) pedalcycle	(02) jaywalking
(05) motorcycle	(03) darting from roadside
(06) animal	(04) passenger entering or leaving automobile
(97) not applicable	(05) passenger entering or leaving public transportation
(98) other (specify)	(06) darting from roadside near school
(99) unknown	(07) entering or leaving transportation near school
	(97) not applicable, pedestrian not involved in crash
40. If First Harmful Event Is a Collision With a Fixed	(98) other (specify)
Object	(99) unknown
(01) imment attemperator/areach avalian	42. Leasting of Dadastrian at Lumant
(01) impact attenuator/crash cushion	43. Location of Pedestrian at Impact
(02) bridge overhead structure	Pedestrian 1
(03) bridge pier or support	Pedestrian 2
(04) bridge rail (05) culvert	Pedestrian 3
(06) curb	(00) pedestrian not impacted
(07) ditch or low-lying area	(01) in crosswalk
(08) embankment, foreslope	(02) jaywalking
(09) embankment transverse-slope	(03) darting from roadside
(10) cut slope, backslope	(04) passenger entering or leaving automobile
(11) guardrail (nonterminal end)	(05) passenger entering or leaving public transportation
(12) guardrail (terminal end)	(06) darting from roadside near school
(13) concrete traffic barrier	(07) entering or leaving transportation near school
(14) other traffic barrier	(97) not applicable, no pedestrian involved
(15) trees	(98) other (specify)
(16) utility pole, light support	(99) unknown
(17) traffic sign support	
(18) traffic signal support	44. Animal Involvement
(19) other post, pole, or support	
(20) fence	(00) none (skip to # 46)
(21) mailbox	(01) small dog, less than 20 pounds
(22) wall, building, tunnel, etc.	(02) big dog
(23) parked motor vehicle	(03) cat
(24) work-zone equipment	(04) bird
(25) paved surface/ground	(05) cow
(97) not applicable	(06) horse
(98) other (specify)	(07) deer
(99) unknown	(08) sheep
(99) ulikilowii	(09) squirrel
41. Pedestrian Involvement	(10) elk
41. I edesti ian involvement	(11) moose
(00) none (clin to # 44)	(98) other (specify)
(00) none (skip to # 44) (01) yes, pedestrian involved in precipitating event	(99) unknown
(02) yes, pedestrian involved in precipitating event (02) yes, pedestrian involved in collision with motorcycle or	
motorcyclist	45. Was Animal Struck?
(99) unknown	(00) no, animal not struck
	(01) yes, animal involved in precipitating event
	(02) yes, animal struck by motorcycle, or involved with motorcyclist
	(97) not applicable, no animal involved
	(99) unknown

CONTRIBUTING ENVIRONMENTAL FACTORS SUMMARY

46. Roadway-Design Factors

-
(00) no design issue
(01) roadway-design issue present but not a contributing factor
(02) roadway-design issue was the precipitating event
(03) roadway-design issue was the primary contributing
factor
(04) roadway-design issue was a contributing factor
(97) not applicable
(98) other (specify)
(99) unknown
47. Roadway-Maintenance Factors
(00) no maintenance issue
(01) roadway-maintenance issue present, but not a contributing factor
(02) roadway-maintenance issue was the precipitating event
(03) roadway-maintenance issue was the primary contributing factor
(04) roadway-maintenance issue was a contributing factor
(97) not applicable
(98) other (specify)
(99) unknown
48. Traffic-Control Factors
(00) no traffic-control issue or malfunction
(01) traffic-control issue or malfunction present, but not a
contributing factor
(02) traffic-control issue or malfunction was the precipitating
event
(03) traffic-control issue or malfunction was the primary
contributing factor
(04) traffic-control issue or malfunction was a contributing
factor
(97) not applicable, no traffic controls
(98) other (specify)
(99) unknown
49. Traffic Hazard, Including Construction and
Maintenance Operations
(00) no temporary traffic hazard or obstruction
(01) temporary traffic obstruction present but not a contributing factor
(02) temporary traffic obstruction was the precipitating event
(03) temporary traffic obstruction was the primary contributing
factor
(04) temporary traffic obstruction was a contributing factor
(97) not applicable
(98) other (specify)
(99) unknown

50. Weather-Related Problems

- (00) no weather-related problem
- (01) weather-related problem was the precipitating event
- (02) weather-related problem was the primary contributing factor
- (03) weather-related problem was a contributing factor
- (97) not applicable
- (98) other (specify)
- (99) unknown

51. Effect of the Visual Background of the Other Vehicle Along this Vehicle Driver's/Rider's Line of Sight at Time of Precipitating Event

- (00) visual background of motor vehicle made no contribution to conspicuity of the vehicle
- (01) visual background had a positive effect on vehicle conspicuity, vehicle was more noticeable
- (02) visual background had a negative effect on vehicle conspicuity, vehicle was less noticeable
- (03) no other vehicle involved in crash
- (97) not applicable, view obstructed by foreground
- (98) other (specify)
- (99) unknown

A-3. CONTRIBUTING FACTORS DATA-COLLECTION FORM

The following form is a blank form.

Contributing Factors Form

ENVIRONMENT FACTORS-MOTORCYCLE
1. Roadway Design Issue
(00) roadway design issue present but not a contributing factor (01) roadway design issue was the primary pre-crash factor (02) roadway design issue was a contributing factor (97) not applicable, no roadway design issue (98) other (specify)
(99) unknown
2. Roadway Maintenance Issue
(00) roadway maintenance issue present but not a contributing factor (01) roadway maintenance issue was the primary pre-crash factor (02) roadway maintenance issue was a contributing factor (97) not applicable, no roadway maintenance issue (98) other (specify)
3. Traffic Controls Issue or Malfunction
(00) traffic controls issue or malfunction present, but not a contributing factor (01) traffic controls issue or malfunction was the primary pre-crash factor (02) traffic controls issue or malfunction was a contributing factor (97) not applicable, no traffic control issue or malfunction (98) other (specify) (99) unknown
4. Temporary Traffic Obstruction Including Construction
(00) temporary traffic obstruction present but not a contributing factor (01) temporary traffic obstruction was the primary pre-crash factor (02) temporary traffic obstruction was a contributing factor (97) not applicable, no temporary traffic obstruction (98) other (specify) (99) unknown
5. Weather-Related Problem
(00) weather-related problem made no contribution to crash causation (01) weather-related problem was the primary pre-crash factor (02) weather-related problem was a contributing factor (97) not applicable, no weather-related problem (98) other (specify) (99) unknown

Case Number
6. Visual Background of OV Along MC Rider's Line of Sight Prior to Crash
(00) visual background of OV made no contribution to conspicuity of OV (01) visual background had a positive effect on vehicle conspicuity, OV was more noticeable (02) visual background had a negative effect on vehicle conspicuity, OV was less noticeable (masked)
(97) not applicable, no other vehicle involved (98) other (specify) (99) unknown
7. Did Insect Presence Affect Rider?
(00) insects were present but had no effect on rider (01) small insects affected rider vision and attention, no eye protection (02) insect contamination of eye protection, face shield or windscreen (03) rider or passenger sustained insect bite or sting (97) not applicable, no insects (98) other (specify) (99) unknown
MOTORCYCLE VEHICLE FACTORS
8. MC Tire Size CODE FRONT TIRE(S) AND REAR TIRE(S) Front
(01) original equipment (02) not original equipment, but specified size (03) proper rim size, oversize section (04) proper rim size, undersize section (05) improper rim size, too large (06) improper rim size, too small (98) other (specify)

9. MC Tire-Inflation Pressure	13. Crash Causation Related to MC Cornering
CODE FRONT TIRE(S) AND REAR TIRE(S)	Clearance
Front	(00)
Rear (01) tire apparently sustained complete deflation during crash	(00) cornering clearance made no contribution to crash causation (01) exhaust system grounded out first
events	(02) foot pegs, foot rests grounded out first
(02) tire inflation within 15 percent of recommended pressure post-	(03) side stand not retracted, grounded out first
crash	(04) side stand retracted but grounded out first
(03) tire inflation between 16 and 39 percent of recommended	(05) center stand grounded out first
pressure post-crash	(06) accessory or cargo grounded out first
(04) tire grossly underinflated, greater than 40 percent below	(07) saddle bag/luggage carrier grounded out first
recommended pressure post-crash	(08) accessory or cargo limited ground clearance
(05) tire grossly overinflated, greater than 40 percent above	(09) passenger weight or extremities limited ground clearance
recommended pressure post-crash	(98) other (specify)
(98) other (specify)	(99) unknown
(99) unknown	14 Cook on Inform Consotion Deleted to MC Coot
10. Crash Causation Related to MC's Front Tire or Wheel	14. Crash or Injury Causation Related to MC Seat
Condition	(00) seat made no contribution to crash causation
Condition	(01) seat came loose, distracted rider and contributed to crash
(00) no wheel or tire condition related rear to crash causation	causation
(01) tire puncture flat caused loss of control	(02) seat came loose, caused rider loss of control, and contributed
(02) tire beads unseated and caused loss of control	to crash causation
(03) gross underinflation contributed to loss of tire traction and	(03) seat cover material slippery, caused rider displacement and
caused loss of control	loss of control
(04) gross overinflation caused loss of traction and caused loss of control	(04) seat cover treated with slippery preservative, which contributed to crash causation
(05) gross error of inflation contributed to stability problem and caused loss of control	(05) seat cover and cushion severely deteriorated, which contributed to crash causation
(06) massive loss of inflation due to valve failure	(98) other seat condition that contributed to crash causation
(98) other (specify)	(specify)
(99) unknown	(99) unknown
11. Crash Causation Related to MC Suspension Condition	15. Crash/Injury Causation Related to MC Gas-Tank Design/Orientation
(00) suspension condition made no contribution to crash causation	(00) gas tank made no contribution to crash or injury causation
(01) deteriorated suspension caused control distress, limiting collision avoidance	(01) gas tank came loose, distracted rider and contributed to crash causation
(02) deteriorated suspension caused unstable dynamics, resulting in	(02) gas tank design affected the rider's post-crash trajectory
a loss of control	(03) gas tank design contributed to rider's pelvic injuries
(97) not applicable, rigid suspension	(98) other gas tank condition that contributed to crash or injury
(98) other (specify)	causation (specify)
(99) unknown	(99) unknown
12. Crash Causation Related to MC Frame Condition	16. Crash Causation Related to MC Drive-Chain, Belt, or Shaft Condition
(00) frame condition made no contribution to crash causation (01) cracked or broken frame caused loss of control	(00) drive chain, belt or shaft condition made no contribution to crash causation
(02) loose motor-transmission mounting bolts or screws caused	(01) chain or belt broken or derailed, drive failure related to crash
loss of control	causation
(03) general frame deterioration caused uncontrolled dynamic	(98) other (specify)
response	(99) unknown
(98) other (specify)	
(99) unknown	

17. Crash or Injury Causation Related to MC Exhaust-System Condition

- (00) exhaust system made no contribution to crash or injury causation
- (01) hot exhaust system caused contact burns resulting in control loss
- (02) hot exhaust system components were fire ignition source, resulting in control loss
- (03) exhaust system noise prevented motorcyclist from hearing critical traffic sounds
- (04) exhaust system noise caused motorcyclist fatigue and inattention (as claimed by rider)
- (97) not applicable, no exhaust system
- (98) other (specify)
- (99) unknown

18. Motorcycle-Vehicle Failure, Crash Causation-Related Defect

- (00) no motorcycle vehicle failure
- (01) tire or wheel failure
- (02) brake failure
- (03) steering failure
- (04) power transmission failure
- (05) electrical failure
- (06) suspension failure
- (07) vehicle structural failure, other than suspension, tire, or wheel
- (98) other (specify)
- (99) unknown

19. Was MC Pre-Crash Fire Cause of Crash?

- (00) pre-crash fire was present and it was not the cause of the crash
- (01) yes, pre-crash fire was present and it was the cause of the crash
- (97) not applicable, no pre-crash fire
- (98) other (specify)
- (99) unknown

20. Did MC Cargo/Luggage Contribute to Crash Causation?

- (00) cargo/luggage was present, but made no contribution to crash causation
- (01) cargo/luggage came loose, caused rider loss of control and contributed to crash causation
- (02) cargo/luggage interfered with controls, caused loss of control and contributed to crash causation
- (03) cargo/luggage interfered with controls, prevented successful collision avoidance action
- (04) cargo/luggage entrapped in rear suspension or wheel and contributed to crash causation
- (05) cargo/luggage entrapped in front suspension or wheel and contributed to crash causation
- (06) cargo/luggage against motor and exhaust system, heat damage or fire caused rider distraction and contributed to crash causation
- (07) cargo/luggage container began to spill contents, distracted rider and contributed to crash causation
- (97) not applicable, no cargo/luggage
- (98) other (specify)
- (99) unknown

MOTORCYCLIST HUMAN PERFORMANCE CONTRIBUTING FACTORS

21. Rider Unsafe Acts in This Crash

- (00) no unsafe acts
- (01) major unsafe act; likely to cause crash
- (02) moderate unsafe act; likely to cause traffic conflict
- (03) minor unsafe act; possible to cause traffic conflict, indicator of unsafe condition
- (98) other (specify)
- (99) unknown

22. Did MC Rider's Attention Failure/Distraction or Stress Contribute to Crash Causation?

- (00) attention failure/distraction/stress present but did not contribute to crash causation
- (01) attention failure/distraction/stress contributed to crash causation
- (97) not applicable, no attention failure/distraction/stress
- (99) unknown

23. Did MC Rider's Lane Choice Contribute to Crash Causation?

- (00) lane choice made no contribution to crash causation
- (01) lane choice contributed to crash causation
- (97) not applicable, no lane choice
- (99) unknown

24. Did MC Rider's Traffic Scan Contribute to Crash Causation?

- (00) traffic scan made no contribution to crash causation
- (01) traffic scanning error contributed to crash cause
- (97) not applicable, no traffic present to scan
- (99) unknown if traffic scan was proper, or unknown if traffic scan

25. Did MC Rider's Visual Obstructions Contribute to Crash Causation?

- (00) view obstructions were present but did not contribute to crash causation
- (01) view obstructions were present and contributed to crash causation
- (97) not applicable, no view obstructions
- (99) unknown if view obstructions were present, or unknown if view obstruction contributed to crash

26. Did MC Rider's Hazard-Detection Failure Contribute to Crash Causation?

- (00) temporary traffic obstruction present but did not contribute to crash causation
- (01) temporary traffic obstruction present and contributed to crash causation
- (97) not applicable, no temporary traffic obstruction
- (99) unknown if temporary traffic obstruction present, or unknown if obstruction contributed to crash causation

27. Did MC Rider's Faulty Traffic Strategy Contribute to Crash Causation?

- (00) traffic strategy made no contribution to crash causation
- (01) traffic strategy contributed to crash causation
- (97) not applicable, no other traffic present
- (99) unknown if strategy was faulty, or unknown if faulty strategy contributed to crash causation

POST-CRASH

28. Did Motorcycle Speed as Compared to Surrounding Traffic Contribute to Crash Causation?

- (00) speed was unusual or unexpected but made no contribution to crash causation
- (01) slow or exceedingly high speed difference caused or contributed to crash causation
- (97) no unusual speed or no surrounding traffic
- (99) unknown if speed was appropriate, or unknown if improper speed contributed to crash causation

29. Did Motorcycle's Position With Respect to Other Traffic Contribute to Crash Causation?

- (00) no, position relative to other traffic made no contribution to crash causation
- (01) yes, position relative to other traffic contributed to crash causation
- (97) not applicable, no other traffic
- (99) position relative to other traffic not known, or unknown if relative position contributed to crash causation

30. Was There a Motorcyclist's Loss of Control That Contributed to Crash Causation?

- (00) no loss of control
- (01) ran wide on turn, ran off road, under cornering
- (02) lost wheelie
- (03) low speed wobble
- (04) high speed wobble
- (05) weave, no pitch
- (06) pitch weave, low speed
- (07) pitch weave, high speed cornering
- (08) end-over, endo, reverse wheelie
- (09) over braking/slide out
- (98) other (specify)
- (99) unknown

31. Did Motorcyclist's Control Unfamiliarity Contribute to Crash Causation?

- (00) control unfamiliarity present, but not a contributing factor
- (01) yes, evidence of control unfamiliarity as a contributing factor
- (97) not applicable, no evidence of control unfamiliarity
- (99) unknown

32. Did Motorcyclist's Skills Deficiency Contribute to Crash Causation?

- (00) skills deficiency present, but not a contributing factor
- (01) skills deficiency present as a contributing factor
- (97) not applicable, no evidence of skills deficiency
- (99) unknown

33. Did Motorcyclist's Vehicle-Handling Unfamiliarity Contribute to Crash Causation?

- (00) no, vehicle handling unfamiliarity present, but not a contributing factor
- (01) yes, vehicle handling unfamiliarity present as a contributing factor
- (97) not applicable, no evidence of vehicle unfamiliarity
- (99) unknown

34. Did Motorcyclist's Control Operations Interfere With Driving Tasks?

- (00) no interference
- (01) yes, directed attention away from traffic conflict
- (02) yes, directed attention away from temporary traffic obstruction
- (03) yes, directed attention away from traffic controls
- (97) not applicable, no control operation immediately prior to the crash
- (98) other (specify)
- (99) unknown

35. Did Motorcyclist Fail to Avoid the Crash Due to:

- (00) no failure by the motorcyclist
- (01) potential hazard detection failure
- (02) impairment resulted in potential hazard detection failure
- (03) incorrect reaction to potential hazard
- (04) incorrect action due to impairment
- (05) potential hazard detected, reaction time failure
- (06) potential hazard detected, reaction time failure due to impairment
- (98) other (specify)
- (99) unknown

36. Was Evasive Action the Proper Choice for the Situation?

- (00) no, evasive action was not the proper choice for the situation
- (01) yes, evasive action was the proper choice for the situation
- (97) not applicable, no evasive action
- (99) unknown

37. Was the Action Properly Executed?

- (00) no, evasive action was not properly executed
- (01) yes, evasive action was properly executed
- (97) not applicable, no evasive action
- (98) other (specify)
- (99) unknown if evasive action was taken or if evasive action was properly executed

38. Motorcyclist Failed Collision Avoidance Due to:

- (00) no avoidance or evasive action failure
- (01) decision failure, wrong choice of evasive action
- (02) reaction failure, poor execution of evasive action
- (03) inadequate time available to complete avoidance action
- (04) loss of control in attempting collision avoidance
- (98) other (specify)
- (99) unknown if there was a collision avoidance or unknown cause for failed collision avoidance

MOTORCYCLIST EXPERIENCE DEFICIENCY

39. Did Motorcyclist Experience Language Barriers or Difficulty With Sign Comprehension?

- (00) language problems, sign comprehension problems present but did not contribute to crash causation
- (01) language problems or sign comprehension was contributing cause factor
- (97) not applicable, no language distress or sign comprehension problem present
- (98) other (specify)
- (99) unknown

40. Did Motorcyclist's Traffic-Knowledge Deficiency Contribute to Crash Causation?

- (00) traffic knowledge deficiency present but did not contribute to crash causation
- (01) traffic knowledge deficiency contributed to crash causation
- (97) not applicable, no evidence of deficiency in traffic knowledge or strategy
- (99) unknown

41. Did Motorcyclist's Vehicle Control-Skill Deficiency Contribute to Crash Causation?

- (00) vehicle control skill deficiency present but did not contribute to crash causation
- (01) inadequate vehicle control skills contributed to crash causation
- (97) not applicable, no evidence of vehicle control skill deficiency
- (99) unknown

MOTORCYCLIST PERSONALITY EVALUATION

42. Did Motorcyclist's Aggressive Attitude Contribute to Crash Causation?

- (00) aggressive attitude present but not a cause or contributing factor
- (01) yes, aggressive attitude contributed to crash causation
- (97) not applicable, no aggressive attitude observed
- (99) unknown

43. Did a Situation Incompatibility Contribute to Crash Causation?

- (00) situation incompatibility present but did not contribute to crash causation
- (01) situation incompatibility contributed to crash causation
- (97) not applicable, no situation incompatibility present
- (99) unknown

44. Did Motorcyclist's Compensation Failure Contribute to Crash Causation?

- (00) compensation failure present but not a contributing factor in crash causation
- (01) compensation failure did contribute to crash causation
- (97) not applicable, no compensation failure
- (99) unknown

MOTORCYCLIST RISK TAKING TENDENCY

45. Did Motorcyclist's Unsafe Act Contribute to Crash Causation?

- (00) unsafe act occurred but did not contribute to crash causation
- (01) yes, unsafe act contributed to crash causation
- (97) not applicable, no unsafe act
- (99) unknown

46. Did Motorcyclist's Alcohol/Drug Involvement Contribute to Crash Causation?

- (00) alcohol/drug involvement present but did not contribute to crash causation
- (01) yes, alcohol/drug involvement contributed to crash causation
- (97) not applicable, no alcohol/drug involvement
- (99) unknown

47. Were Motorcyclist's Previous Recorded Violations Related to Current-Crash Contributions?

- (00) unrelated violations on record
- (01) record of violations for actions similar to those in crash
- (97) not applicable, no violations on record
- (99) unknown

48. Were Motorcyclist's Previous Crashes Related to Current-53. Did Eye Coverage Reduce or Prevent Injury? **Crash Contributions?** (00) eyewear present, but had no effect on injury prevention (00) previous crashes present but are unrelated to this crash (01) yes, eyewear present and reduced injury (01) record of previous crashes similar to this crash (02) yes, eyewear present and prevented injury (97) not applicable, no previous crashes (03) no injury producing contact in region of eyewear (99) unknown (04) evewear not present and injury occurred (97) not applicable, no evewear coverage MOTORCYCLIST'S PERSONAL PROTECTIVE (98) other (specify) **EQUIPMENT** (99) unknown 49. Did Upper-Extremities and Upper-Torso Coverage Reduce 54. Did Eye or Face Protection Contribute to Crash or Prevent Injury? Causation? (00) equipment present, but had no effect on injury prevention (00) protection worn but had no effect on pre-crash events (01) yes, equipment present and reduced injury (01) no detrimental effect on vision or attention, no failures to (02) yes, equipment present and prevented injury detect temporary traffic obstruction or traffic challenge (03) no injury producing contact in region of equipment (02) eye and face protection was deteriorated, reduced critical (04) equipment not present and injury occurred vision of temporary traffic obstruction or traffic challenge (97) not applicable, no upper torso/extremity coverage (03) absence of proper eye and face protection caused detection (98) other (specify) failure of temporary traffic obstruction or traffic challenge (99) unknown (04) no injury producing contact in region, equipment may or may not have been present 50. Did Lower-Extremities and Lower-Torso Coverage Reduce (97) not applicable, none worn or Prevent Injury? (98) other (specify) (99) unknown (00) equipment present, but had no effect on injury prevention (01) yes, equipment present and reduced injury 55. Did Helmet Reduce of Prevent Injury? (02) yes, equipment present and prevented injury (03) no injury producing contact in region of equipment (00) helmet worn but injury occurred to head (04) equipment not present and injury occurred (01) helmet worn, but no effect on head injury (97) not applicable, no lower torso/extremity coverage (02) yes, equipment present and reduced injury (98) other (specify) (03) yes, equipment present and prevented injury (99) unknown (04) no injury-producing contact in region (97) not applicable, no helmet present (skip to # 59) 51. Did Footwear Reduce or Prevent Injury? (98) other (specify) (99) unknown (00) footwear present, but had no effect on injury prevention (01) yes, footwear present and reduced injury 56. Did Helmet Contribute to Crash Causation? (02) yes, footwear present and prevented injury (03) no injury producing contact in region of footwear (04) footwear not present and injury occurred (01) yes (97) not applicable, no footwear coverage (97) not applicable, no helmet (98) other (specify) (99) unknown (99) unknown 57. What Was the Effect of the Helmet? 52. Did Gloves Reduce or Prevent Injury?

(00) gloves present, but had no effect on injury prevention

(03) no injury producing contact in region of gloves

(01) yes, gloves present and reduced injury (02) yes, gloves present and prevented injury

(04) gloves not present and injury occurred

(97) not applicable, no gloves

(98) other (specify)

(99) unknown

CODE UP TO TWO; INPUT 00 REMAINING RESPONSES

00			

(00) no	effect
---------	--------

- (01) helmet reduced attention to traffic and driving tasks
- (02) discomfort from helmet use interfered with driving tasks
- (03) fatigue from helmet use interfered with driving tasks
- (04) helmet prevented hearing critical traffic sounds
- (05) helmet limited peripheral vision
- (06) interfered with detection of traffic hazard
- (97) not applicable, no helmet
- (98) other (specify) __
- (99) unknown

58. If Helmet Was Ejected During Crash, What Was the Cause?

(00) helmet not ejected

(01) ejected due to loose fastening

(02) ejected due to too large helmet, poor fit

(03) ejected due to retention system failure

(04) ejection due to helmet shell failure (05) ejection due to helmet impact damage
(06) ejection due to facial injury (i.e., jaw bone)
(07) ejection due to roll-off, defective helmet design
(97) not applicable, no helmet
(98) other (specify)
(99) unknown
EFFECT OF APPAREL ON CRASH CAUSATION
59. Conspicuity Contribution
(00) no apparent contribution of upper or lower torso garment
(01) bright color upper and lower torso garment enhanced conspicuity
(02) bright upper torso garment enhanced conspicuity
(03) dull or dark upper and lower torso garment decreased conspicuity
(04) dull or dark upper torso garment decreased conspicuity
(97) not applicable, no apparel worn or no OV involvement
(98) other (specify)(99) unknown
(99) ulikilowii
60. Did Apparel Contribute to Comfort, Fatigue, or Attention?
(00) apparel made no apparent contribution to comfort, fatigue or attention
attention (01) apparel protected rider from adverse weather, reduced fatigue and preserved attention
attention (01) apparel protected rider from adverse weather, reduced fatigue and preserved attention (02) apparel uncomfortable, contributed to fatigue and inattention
attention (01) apparel protected rider from adverse weather, reduced fatigue and preserved attention (02) apparel uncomfortable, contributed to fatigue and inattention (03) apparel very uncomfortable, distracted rider from driving tasks
attention (01) apparel protected rider from adverse weather, reduced fatigue and preserved attention (02) apparel uncomfortable, contributed to fatigue and inattention (03) apparel very uncomfortable, distracted rider from driving tasks (97) no apparel worn
attention (01) apparel protected rider from adverse weather, reduced fatigue and preserved attention (02) apparel uncomfortable, contributed to fatigue and inattention (03) apparel very uncomfortable, distracted rider from driving tasks (97) no apparel worn (98) other (specify)
attention (01) apparel protected rider from adverse weather, reduced fatigue and preserved attention (02) apparel uncomfortable, contributed to fatigue and inattention (03) apparel very uncomfortable, distracted rider from driving tasks (97) no apparel worn
attention (01) apparel protected rider from adverse weather, reduced fatigue and preserved attention (02) apparel uncomfortable, contributed to fatigue and inattention (03) apparel very uncomfortable, distracted rider from driving tasks (97) no apparel worn (98) other (specify)
attention (01) apparel protected rider from adverse weather, reduced fatigue and preserved attention (02) apparel uncomfortable, contributed to fatigue and inattention (03) apparel very uncomfortable, distracted rider from driving tasks (97) no apparel worn (98) other (specify) (99) unknown
attention (01) apparel protected rider from adverse weather, reduced fatigue and preserved attention (02) apparel uncomfortable, contributed to fatigue and inattention (03) apparel very uncomfortable, distracted rider from driving tasks (97) no apparel worn (98) other (specify) (99) unknown 61. Did Apparel Contribute to Control Interference? (00) apparel did not interfere with motorcycle controls (01) apparel interfered with motorcycle control, caused distraction
attention (01) apparel protected rider from adverse weather, reduced fatigue and preserved attention (02) apparel uncomfortable, contributed to fatigue and inattention (03) apparel very uncomfortable, distracted rider from driving tasks (97) no apparel worn (98) other (specify) (99) unknown 61. Did Apparel Contribute to Control Interference? (00) apparel did not interfere with motorcycle controls (01) apparel interfered with motorcycle control, caused distraction from traffic
attention (01) apparel protected rider from adverse weather, reduced fatigue and preserved attention (02) apparel uncomfortable, contributed to fatigue and inattention (03) apparel very uncomfortable, distracted rider from driving tasks (97) no apparel worn (98) other (specify) (99) unknown 61. Did Apparel Contribute to Control Interference? (00) apparel did not interfere with motorcycle controls (01) apparel interfered with motorcycle control, caused distraction from traffic (02) apparel interfered with control, caused loss of control and crash
attention (01) apparel protected rider from adverse weather, reduced fatigue and preserved attention (02) apparel uncomfortable, contributed to fatigue and inattention (03) apparel very uncomfortable, distracted rider from driving tasks (97) no apparel worn (98) other (specify) (99) unknown 61. Did Apparel Contribute to Control Interference? (00) apparel did not interfere with motorcycle controls (01) apparel interfered with motorcycle control, caused distraction from traffic (02) apparel interfered with control, caused loss of control and crash (97) no apparel worn
attention (01) apparel protected rider from adverse weather, reduced fatigue and preserved attention (02) apparel uncomfortable, contributed to fatigue and inattention (03) apparel very uncomfortable, distracted rider from driving tasks (97) no apparel worn (98) other (specify) (99) unknown 61. Did Apparel Contribute to Control Interference? (00) apparel did not interfere with motorcycle controls (01) apparel interfered with motorcycle control, caused distraction from traffic (02) apparel interfered with control, caused loss of control and crash (97) no apparel worn (98) other (specify) [98]
attention (01) apparel protected rider from adverse weather, reduced fatigue and preserved attention (02) apparel uncomfortable, contributed to fatigue and inattention (03) apparel very uncomfortable, distracted rider from driving tasks (97) no apparel worn (98) other (specify) (99) unknown 61. Did Apparel Contribute to Control Interference? (00) apparel did not interfere with motorcycle controls (01) apparel interfered with motorcycle control, caused distraction from traffic (02) apparel interfered with control, caused loss of control and crash (97) no apparel worn
attention (01) apparel protected rider from adverse weather, reduced fatigue and preserved attention (02) apparel uncomfortable, contributed to fatigue and inattention (03) apparel very uncomfortable, distracted rider from driving tasks (97) no apparel worn (98) other (specify) (99) unknown 61. Did Apparel Contribute to Control Interference? (00) apparel did not interfere with motorcycle controls (01) apparel interfered with motorcycle control, caused distraction from traffic (02) apparel interfered with control, caused loss of control and crash (97) no apparel worn (98) other (specify) [98]

MOTORCYCLE PASSENGERS

If No MC Passenger, Skip to #70

62. Did MC Passenger Contribute to Crash Causation?

- (00) passenger present but did not contribute to crash causation
- (01) yes, passenger lost hold and caused rider loss of control
- (02) passenger fell from motorcycle and contributed to crash causation
- (03) passenger interfered with motorcycle balance, caused rider loss of control
- (04) passenger interfered with motorcycle controls and contributed to crash causation
- (05) passenger lower extremities entrapped in rear suspension or wheel and contributed to crash causation
- (06) passenger action distracted motorcycle rider and contributed to crash causation
- (97) not applicable, no passenger
- (98) other passenger action that contributed to crash causation (specify)
- (99) unknown

63. Effect of Rider/Passenger Interaction on Injury Causation CODE UP TO TWO RESPONSES

- (00) passenger present but no interaction between rider and passenger
- (01) rider/passenger interaction increased rider injuries
- (02) rider/passenger interaction decreased rider injuries
- (03) rider/passenger interaction increased passenger injuries
- (04) rider/passenger interaction decreased passenger injuries
- (05) rider/passenger interaction had no effect on either rider or passenger injuries
- (97) not applicable, no passenger
- (99) unknown

64. Did MC Passenger's Upper-Extremities and Upper-Torso Coverage Reduce or Prevent Injury?

- (00) equipment present, but had no effect on injury prevention
- (01) yes, equipment present and reduced injury
- (02) yes, equipment present and prevented injury
- (03) no injury producing contact in region, of equipment
- (04) equipment not present and injury occurred
- (97) not applicable, no upper torso/extremity coverage
- (98) other (specify)
- (99) unknown

Coverage Reduce or Prevent Injury? 70. Other-Vehicle Number (00) equipment present, but had no effect on injury prevention (01) yes, equipment present and reduced injury (00) no other vehicle involved in crash (skip to # 105) (02) yes, equipment present and prevented injury (01-09) other-vehicle number (03) no injury producing contact in region of equipment 71. Other-Vehicle Roadway Design Issue (04) equipment not present and injury occurred (97) not applicable, no lower torso/extremity coverage (98) other (specify) (00) roadway design issue present but not a contributing factor (01) roadway design issue was the primary pre-crash factor (99) unknown (02) roadway design issue was a contributing factor (97) not applicable, no roadway design issue 66. Did MC Passenger's Footwear Reduce or Prevent Injury? (98) other (specify) (00) footwear present, but had no effect on injury prevention (99) unknown (01) yes, footwear present and reduced injury (02) yes, footwear present and prevented injury 72. Other-Vehicle Roadway Maintenance Issue (03) no injury producing contact in region of footwear (04) footwear not present and injury occurred (00) roadway maintenance issue present but not a contributing (97) not applicable, no footwear coverage factor (98) other (specify) (01) roadway maintenance issue was the primary pre-crash factor (99) unknown (02) roadway maintenance issue was a contributing factor (97) not applicable, no roadway maintenance issue 67. Did MC Passenger's Gloves Reduce or Prevent Injury? (98) other (specify) (99) unknown (00) gloves present, but had no effect on injury prevention (01) yes, gloves present and reduced injury 73. Other-Vehicle Traffic Controls Issue or Malfunction (02) yes, gloves present and prevented injury (03) no injury producing contact in region of gloves (00) traffic controls issue or malfunction present, but not a (04) gloves not present and injury occurred contributing factor (97) not applicable, no gloves (01) traffic controls issue or malfunction was the primary pre-crash (98) other (specify) (99) unknown (02) traffic controls issue or malfunction was a contributing factor (97) not applicable, no traffic control issue or malfunction 68. Did MC Passenger's Eye Coverage Reduce or Prevent (98) other (specify) ___ Injury? (99) unknown (00) eyewear present, but had no effect on injury prevention 74. Other-Vehicle Temporary Traffic Obstruction Including (01) ves, evewear present and reduced injury Construction? (02) yes, evewear present and prevented injury (03) no injury producing contact in region, of eyewear (00) temporary traffic obstruction present but not a contributing (04) eyewear not present and injury occurred (97) not applicable, no eyewear coverage (01) temporary traffic obstruction was the primary pre-crash factor (02) temporary traffic obstruction was a contributing factor (98) other (specify) _____ (97) not applicable, no temporary traffic obstruction (99) unknown (98) other (specify) 69. Did MC Passenger's Helmet Reduce or Prevent Injury? (99) unknown 75. Other-Vehicle Weather-Related Problem (00) helmet worn but injury occurred to head (01) helmet worn, but no effect on head injury (02) yes, equipment present and reduced injury (00) weather-related problem present, but made no contribution to (03) yes, equipment present and prevented injury crash causation (04) no injury producing contact in region (01) weather-related problem was the primary pre-crash factor (97) not applicable, no helmet present (02) weather-related problem was a contributing factor (98) other (specify) (97) not applicable, no weather-related problem (99) unknown (98) other (specify)

65. Did MC Passenger's Lower-Extremities and Lower-Torso

OTHER-VEHICLE FACTORS

76. Visual Background of Motorcycle Along OV Driver's Line of Sight Prior to Crash

- (00) visual background of motorcycle made no contribution to conspicuity of motorcycle
- (01) visual background of motorcycle made motorcycle more noticeable
- (02) visual background of motorcycle had negative effect on vehicle conspicuity, motorcycle was less noticeable
- (97) not applicable, no OV involved
- (98) other (specify)
- (99) unknown

77. Other-Vehicle Failure, Crash Cause-Related Defect

- (00) OV present but had no apparent defects or failure
- (01) OV failure present but made no contribution to crash causation
- (02) OV tire or wheel failure contributed to crash causation
- (03) OV brake failure contributed to crash causation
- (04) OV steering failure contributed to crash causation
- (05) OV power transmission failure contributed to crash causation
- (06) OV electrical failure contributed to crash causation
- (07) OV suspension failure contributed to crash causation
- (08) OV structural failure, other than suspension, tire, or wheel contributed to crash causation
- (97) not applicable, no OV involved
- (98) other (specify)
- (99) unknown

78. Did Other-Vehicle Passengers Contribute to Crash Causation?

- (00) passenger(s) present but they made no contribution to crash causation
- (01) passenger activities distracted driver and contributed to crash causation
- (02) passenger interfered with vehicle control and contributed to crash causation
- (03) no passengers
- (97) not applicable, no OV involved
- (98) OV passenger action that contributed to crash causation (specify)
- (99) unknown

79. Did OV Driver's Attention Failure/Distraction or Stress Contribute to Crash Causation?

- (00) attention failure/distraction/stress present but did not contribute to crash causation
- (01) attention failure/distraction/stress contributed to crash causation
- (97) not applicable, no attention failure/distraction/stress
- (99) unknown

80. Did OV Driver's Lane Choice Contribute to Crash Causation?

- (00) no, lane choice made no contribution to crash causation
- (01) yes, lane choice contributed to crash causation
- (97) not applicable, no lane choice
- (99) unknown

81. Did OV Driver's Traffic Scan Contribute to Crash Causation?

- (00) traffic scan made no contribution to crash causation
- (01) traffic scanning error contributed to crash cause
- (97) not applicable, no traffic present to scan
- (99) unknown if traffic scan was proper, or unknown if traffic scan

82. Did OV Driver's Visual Obstructions Contribute to Crash Causation?

- (00) view obstructions were present but did not contribute to crash causation
- (01) view obstructions were present and contributed to crash causation
- (97) not applicable, no view obstructions
- (99) unknown if view obstructions were present, or unknown if view obstruction contributed to crash

83. Did OV Driver's Hazard-Detection Failure Contribute to Crash Causation?

- (00) no, temporary traffic obstruction present but did not contribute to crash causation
- (01) yes, temporary traffic obstruction present and contributed to crash causation
- (97) not applicable, no temporary traffic obstruction
- (99) unknown if temporary traffic obstruction present, or unknown if obstruction contributed to crash causation

84. Did OV Driver's Faulty Traffic Strategy Contribute to Crash Causation?

- (00) traffic strategy made no contribution to crash causation
- (01) traffic strategy contributed to crash causation
- (97) not applicable, no other traffic present
- (99) unknown if strategy was faulty, or unknown if faulty strategy contributed to crash causation

85. Did OV's Speed as Compared to Surrounding Traffic Contribute to Crash Causation?

- (00) no, speed was slow or exceedingly high but made no contribution to crash causation
- (01) yes, slow or exceedingly high speed difference caused or contributed to crash causation
- (97) no unusual speed or no surrounding traffic
- (99) unknown if speed was appropriate, or unknown if improper speed contributed to crash causation

86. Did OV's Position With Respect to Other Traffic Contribute to Crash Causation?

- (00) no, position relative to other traffic made no contribution to crash causation
- (01) yes, position relative to other traffic contributed to crash causation
- (97) not applicable, no other traffic
- (99) position relative to other traffic not known, or unknown if relative position contributed to crash causation

87. Did OV Driver's Control Unfamiliarity Contribute to Crash Causation?

- (00) control unfamiliarity present, but not a contributing factor
- (01) yes, evidence of control unfamiliarity as a contributing factor
- (97) not applicable, no evidence of control unfamiliarity
- (99) unknown

88. Did OV Driver's Skills Deficiency Contribute to Crash Causation?

- (00) skills deficiency present, but not a contributing factor
- (01) skills deficiency present as a contributing factor
- (97) not applicable, no evidence of skills deficiency
- (99) unknown

89. Did OV Driver's Vehicle-Handling Unfamiliarity Contribute to Crash Causation?

- (00) vehicle handling unfamiliarity present, but not a contributing factor
- (01) vehicle handling unfamiliarity present as a contributing factor
- (97) not applicable, no evidence of vehicle unfamiliarity
- (99) unknown

90. Did OV Driver's Control Operations Interfere With Driving Tasks?

- (00) no interference
- (01) yes, directed attention away from traffic conflict
- (02) yes, directed attention away from temporary traffic obstruction
- (03) yes, directed attention away from traffic controls
- (97) not applicable, no control operation immediately prior to the
- (98) other (specify)
- (99) unknown

91. Did OV Driver Fail to Avoid Crash Due to:

- (00) no failure by the other-vehicle driver
- (01) potential hazard detection failure
- (02) impairment resulted in potential hazard detection failure
- (03) incorrect reaction to potential hazard
- (04) incorrect action due to impairment
- (05) potential hazard detected, reaction time failure
- (06) potential hazard detected, reaction time failure due to impairment
- (98) other (specify)
- (99) unknown

92. Was Evasive Action the Proper Choice for the Situation?

- (00) no, evasive action was not the proper choice for the situation
- (01) yes, evasive action was the proper choice for the situation
- (97) not applicable, no evasive action
- (99) unknown

93. Was the Action Properly Executed?

- (00) no, evasive action was not properly executed
- (01) yes, evasive action was properly executed
- (97) not applicable, no evasive action
- (98) other (specify)
- (99) unknown if evasive action was taken or if evasive action was properly executed

94. OV Driver Failed Collision Avoidance Due to:

- (00) no avoidance or evasive action failure
- (01) decision failure, wrong choice of evasive action
- (02) reaction failure, poor execution of evasive action
- (03) inadequate time available to complete avoidance action
- (04) loss of control in attempting collision avoidance
- (98) other (specify)
- (99) unknown if there was a collision avoidance or unknown cause for failed collision avoidance

95. Did OV Driver Experience Language Barriers or Difficulty With Sign Comprehension?

- (00) language problems, sign comprehension problems present but did not contribute to crash causation
- (01) language problems or sign comprehension was a contributing cause factor
- (97) not applicable, no language barrier or sign comprehension problem present
- (98) other (specify)
- (99) unknown

96. Did OV Driver's Traffic-Knowledge Deficiency Contribute to Crash Causation?

- (00) traffic knowledge deficiency present but did not contribute to crash causation
- (01) traffic knowledge deficiency contributed to crash causation
- (97) not applicable, no evidence of deficiency in traffic knowledge
- (99) unknown

97. Did OV Driver's Vehicle Control-Skill Deficiency Contribute to Crash Causation?

- (00) vehicle control skill deficiency present but did not contribute to crash causation
- (01) inadequate vehicle control skills contributed to crash causation
- (97) not applicable, no evidence of vehicle control skill deficiency
- (99) unknown

98. Did OV Driver's Aggressive Attitude Contribute to Crash Causation?

- (00) aggressive attitude present but not a cause or contributing factor
- (01) yes, aggressive attitude contributed to crash causation
- (97) not applicable, no aggressive attitude observed
- (99) unknown

99. Did Situation Incompatibility Contribute to Crash Causation?

- (00) situation incompatibility present but did not contribute to crash causation
- (01) situation incompatibility contributed to crash causation
- (97) not applicable, no situation incompatibility present
- (99) unknown

100. Did OV Driver's Compensation Failure Contribute to Crash Causation?

- (00) compensation failure present but not a contributing factor in crash causation
- (01) compensation failure did contribute to crash causation
- (97) not applicable, no compensation failure
- (99) unknown

RISK TAKING TENDENCY EVALUATION

101. Did OV Driver's Unsafe Act Contribute to Crash Causation?

- (00) unsafe act occurred but did not contribute to crash causation
- (01) yes, unsafe act contributed to crash causation
- (97) not applicable, no unsafe act
- (99) unknown

102. Did OV Driver's Alcohol/Drug Involvement Contribute to Crash Causation?

- (00) alcohol/drug involvement present but did not contribute to crash causation
- (01) yes, alcohol/drug involvement contributed to crash causation
- (97) not applicable, no alcohol/drug involvement
- (99) unknown

103. Were OV Driver's Previous Recorded Violations Related to Current-Crash Contributions?

- (00) unrelated violations on record
- (01) record of violations for actions similar to those in crash
- (97) not applicable, no violations on record
- (99) unknown

104. Were OV Driver's Previous Crashes Related to Current-Crash Contributions?

- (00) previous crashes present but are unrelated to this crash
- (01) record of previous crashes similar to this crash
- (97) not applicable, no previous crashes
- (99) unknown

SUMMARY

105. Primary Crash-Contributing Factor

- (01) motorcycle rider perception failure
- (02) motorcycle rider comprehension failure
- (03) motorcycle rider decision failure
- (04) motorcycle rider reaction failure
- (05) OV driver perception failure
- (06) OV driver comprehension failure
- (07) OV driver decision failure
- (08) OV driver reaction failure
- (09) motorcycle failure, including mechanical failure and defect
- (10) pre-existing motorcycle maintenance—related problem
- (11) OV failure, including mechanical failure and defect
- (12) pre-existing other-vehicle-maintenance-related problem
- (13) roadway design defect
- (14) roadway maintenance defect
- (15) traffic control problem, temporary traffic obstruction
- (16) view obstruction, mobile or stationary
- (17) roadside environment factor, including animal and pedestrian involvement
- (18) adverse weather
- (19) another vehicle, not involved in the collision, but made some maneuver which might have been a primary contributing factor or contributing factor
- (20) other-vehicle, post-crash motions from immediate prior collision
- (21) OV avoiding a different collision
- (22) motorcycle avoiding a different collision
- (23) motorcycle rider failure, unknown type
- (24) OV driver failure, unknown type
- (98) other (specify)
- (99) unknown

106. Crash Contributing Factors

CODE UP TO THREE; PUT CONTRIBUTING-FACTOR CODE IN FIRST TWO SPACES AND THE CONFIDENCE LEVEL IN THE THIRD SPACE

Confidence Level

- (A) definite contributing factor (95-percent confidence level)
- (B) probable contributing factor (80-percent confidence level)
- (C) possible contributing factor (less than 80-percent confidence level)

Contributing Factor

- (01) motorcycle rider perception failure
- (02) motorcycle rider comprehension failure
- (03) motorcycle rider decision failure
- (04) motorcycle rider reaction failure
- (05) OV driver perception failure
- (06) OV driver comprehension failure
- (07) OV driver decision failure
- (08) OV driver reaction failure
- (09) motorcycle failure, including mechanical failure and defect
- (10) pre-existing motorcycle maintenance-related problem
- (11) OV failure, including mechanical failure and defect
- (12) pre-existing other-vehicle-maintenance-related problem
- (13) roadway design defect

- (14) roadway maintenance defect
- (15) traffic control problem, temporary traffic obstruction
- (16) view obstruction, mobile or stationary
- (17) roadside environment factor, including animal and pedestrian involvement
- (18) adverse weather
- (19) another vehicle, not involved in the collision, but made some maneuver which might have been a primary contributing factor or contributing factor
- (20) OV post-crash motions from immediate prior collision
- (21) OV avoiding a different collision
- (22) motorcycle avoiding a different collision
- (23) motorcycle rider failure, unknown type
- (24) OV driver failure, unknown type
- (25) motorcycle rider physical or physiological failure (heart attack, seizure, etc.)
- (26) motorcycle rider drug and/or alcohol involvement
- (27) motorcycle rider experience or exposure to similar situations
- (28) motorcycle rider conflicting behaviors or pre-occupation
- (29) motorcycle rider unsafe acts or risk taking behavior
- (30) OV driver physical or physiological failure (heart attack, seizure, etc.)
- (31) OV driver drug and/or alcohol involvement
- (32) OV driver experience or exposure to similar situations
- (33) OV driver conflicting behaviors or pre-occupation
- (34) OV driver unsafe acts or risk taking behavior
- (98) other (specify)
- (99) unknown

A-4. MOTORCYCLE RIDER DATA-COLLECTION FORM

The following form is a blank form. **Motorcycle Rider Form** Case Number _____ **Source:** □ Rider ☐ Surrogate RIDER'S DESCRIPTION OF CRASH EVENTS AND RELATED FACTORS

SPECIFIC QUESTIONS TO ASK INTERVIEWEE

CRASH DIAGRAM

environment.	
	North

PRE-CRASH DATA

1. How Were You Operating Your Motorcycle Immediately Prior to the Crash?

and the same of th	
(00) stopped in traffic, speed was zero	
(01) moving in a straight line, constant speed	
(02) moving in a straight line, throttle off	
(03) moving in a straight line, braking	
(04) moving in a straight line, accelerating	
(05) turning right, constant speed	
(06) turning right, throttle off	
(07) turning right, braking	
(08) turning right, accelerating	
(09) turning left, constant speed	
(10) turning left, throttle off	
(11) turning left, braking	
(12) turning left, accelerating	
(13) stopped at roadside or parked	
(14) backing up in a straight line	
(15) backing up, steering left	
(16) backing up, steering right	
(17) making a right U-turn	
(18) making a left U-turn	
(19) making a right Y-turn	
(20) making a left Y-turn	
(21) changing lanes to left	
(22) changing lanes to right	
(23) merging to left	
(24) merging to right	
(25) entering traffic from right shoulder, median, or p	
(26) entering traffic from left shoulder, median, or part	rked
(27) leaving traffic, turn out to right	
(28) leaving traffic, turn out to left	
(29) passing maneuver, passing on right	
(30) passing maneuver, passing on left	
(31) crossing opposing lanes of traffic	
(32) traveling wrong way, against opposing traffic	
(33) stripe-riding, filtering forward between lanes, lor	ıgitudinal
motion only	
(34) filtering forward between lanes, lateral motion or	nly
(35) filtering forward between lanes, both longitudina	l and
lateral motion	
(36) collision-avoidance maneuver to avoid a different	t collision
(37) negotiating a curve, constant speed	
(38) negotiating a curve, throttle off	
(39) negotiating a curve, braking	
(40) negotiating a curve, accelerating	
(97) not applicable	
(98) other (specify)	
(99) unknown	-
(> /	
2. Where Were You Looking at the Start of the Cr Sequence?	ash
(01) looking straight ahead	
\ , ,	

(02) looking right(03) looking left(04) looking rearward

(99) unknown

(05) looking at own motorcycle

(98) other (specify)

3. Were Your Motorcycle Brakes Functioning Before the Crash?

Clasii:		
(00) no (01) yes (98) other (specify) (99) unknown		
4. Did You Have Your Hands/Fingers Positioned or Front Brake Prior to the Crash Event?	1 the	
(00) no (01) yes (97) not applicable, no front brake or brake lever (98) other (specify) (99) unknown	•	
5. In Which Lane Were You Traveling Just Before Precipitating Event?	the	
(01) lane one (right curb lane) (02) lane two (03) lane three (04) lane four (05) designated right-turn lane (06) designated left-turn lane (07) lane splitting (08) wrong way in opposing traffic (97) not applicable, not in a travel lane (98) other (specify) (99) unknown 6. What Was Your Travel Speed Just Before the Precipitating Event?		
(00) stopped (01–95) actual miles per hour (96) 96 mph or greater (98) other (specify)		
7. What Were the Lateral Movements of Your Mot Immediately Before Impact?	orcyc	le
(00) no movement/avoidance (01) lane departure, left side (02) lane return, left side (03) lane departure, right side (04) lane return, right side (05) road departure, left side (06) road return, left side (07) road departure, right side (08) road return, right side (97) not applicable		

(98) other (specify)

(If Anv)? CODE UP TO FOUR If Not a Multivehicle Crash, Code 97 for #11 Through 13 11. Where Was the Other Vehicle Coming From in Relation to You? (01) 180 degrees opposed (oncoming) (00) no avoidance actions (02) from left front (01) braking (03) from left (02) downshifting (04) from left rear (03) releasing brakes (05) from right front (04) steering left (06) from right (05) steering right (07) from right rear (06) accelerating (08) from behind (07) laid the bike down (09) directly in front (08) use of horn (97) not applicable, no other vehicle (09) flashing headlamp (98) other (specify) (10) drag feet (99) unknown (11) jump or bail out (12) disengaged clutch 12. Was Your Line of Sight to the Other Vehicle (98) other (specify) Clear? (99) unknown 9. Did You Lose Control of the Motorcycle? (01) yes, clear (02) no, view obstructed by road curvature (03) no, view obstructed by roadway grade (00) no loss of control (skip to #11) (04) no, view obstructed by roadside objects (e.g., shrubs, (01) capsized or fell over (02) braking slide out, low side vehicles, buildings) (05) other vehicle in blind spot of mirror (03) braking slide out, high side (08) obscured by traffic (04) cornering slide out, low side (97) not applicable, no other vehicle (05) cornering slide out, high side (98) other (specify) (06) ran wide on turn, ran off road (99) unknown (07) lost wheelie (08) low-speed wobble 13. Was Your View to the Other Vehicle (09) high-speed wobble Obscured? (10) weave, no pitch (11) pitch weave, low speed (12) pitch weave, high-speed cornering (00) no, not obscured (01) yes, obscured by sun glare (13) end over, flying W (02) yes, obscured by headlight glare (14) continuation, no control actions (03) yes, obscured by other glare (specify) (15) lost stoppie (97) not applicable (04) yes, obscured by darkness (98) other (specify) (05) yes, obscured by nighttime and color of vehicle (99) unknown (06) obscured by dust, smoke, smog, or fog 10. Was there Any Control Loss Due to Weather, Roadway, (07) obscured by condition of windscreen or eyewear (dirt, condensation, etc.) or Mechanical Problems? (97) not applicable (98) other (specify) (00) no control loss due to weather, roadway, or mechanical (99) unknown problems (01) yes, control loss due to weather (02) yes, control loss due to mechanical problems (03) yes, control loss due to both weather and mechanical problems (04) yes, control loss due to roadway problems (05) yes, control loss due to roadway and weather problems (06) yes, control loss due to roadway and mechanical problems (07) yes, control loss due to all three (98) other (specify)

8. What Collision-Avoidance Actions Were You Taking

(99) unknown

RECOGNITION OR DECISION

SITUATION

14. What Was Your Position on the Motorcycle at the Time of the Collision?

(00) not on motorcycle
(01) normal seating position
(02) standing on footrests, foot pegs
(03) seated, head down
(04) shoulder check, left
(05) shoulder check, right
(06) dismounting, jumping to side
(07) dismounting, jumping upward
(08) dragging feet, foot down
(09) abnormal seating position
(10) standing on seat
(98) other (specify)
(99) unknown
15. Were You Distracted by Any of the
Following?
1 ono wing.
(00) attentive and not distracted
(01) looked but did not see distractions
(02) by other occupants (specify)
_
(03) by moving object in vehicle (specify)
(04) while talking or listening to cellular phone/intercom/
shortwave radio (specify location and type of device)
(05) while dialing cellular phone/intercom/shortwave radio
(specify location and type of device)
(specify location and type of device)
(06) while adjusting climate controls
(07) while adjusting radio/cassette/CD (specify)
(08) while using other device/controls integral to vehicle
(specify)
(09) while using/reaching for device/object brought into vehicle
(specify)
(10) sleepy or fell asleep
(11) distracted by outside person/object/event (specify)
(12) eating or drinking
(13) smoking-related
(14) while listening to or adjusting GPS device
(96) distracted, details unknown
(98) other (specify)
(99) unknown

TRIP INFORMATION	
16. Where Did Your Trip Begin Today?	
(01) home	
(02) work, business	
(03) recreation/social	
(04) school	
(05) errand, shopping	
(06) family, friends, relatives	
(07) meals, restaurant, café, etc.	
(08) transport someone	
(09) medical/dental	
(10) bar/pub (11) religious activity	
(12) personal business/obligations	
(98) other (specify)	
(99) unknown	-
17. Did You Do Any Safety or Maintenance Checks Motorcycle Before Leaving for This Trip? CODE UP TO FOUR	on You
(00)	
(00) none	
(01) exterior, visual inspection only (02) checked fluids	
(03) checked lights	
(04) checked brakes	
(05) checked tire pressure	
(98) other (specify)	
(99) unknown	_
18. What Was Your Trip Destination?	
(01) home	
(02) work, business	
(03) recreation/social	
(04) school	
(05) errand, shopping	
(06) family, friends, relatives	
(07) meals, restaurant, café, etc.	
(08) transport someone	
(09) medical/dental	
(10) bar/pub	
(11) religious activity	
(12) personal business/obligations	
(98) other (specify)	_
(99) unknown	
19. About How Many Miles Would the Trip Have E Way?	Been One

(001) 1 mile or less (002–995) actual number of miles (996) 996 miles or greater (997) not applicable (999) unknown

20. How Frequently Do You Travel This Road on/in Any Vehicle?	25. Do You Ever Wear a Helmet?
venicie:	(00) no (skip to # 37)
(01) first time	
(01) first time	(01) yes (skip to #35)
(02) daily use (i.e., once per day)	(02) occasionally (skip to #35)
(03) weekly use (i.e., once per week)	(97) not applicable, rider is wearing a helmet
(04) monthly use (i.e., once per month)	(98) other (specify)
(05) quarterly (i.e., once per quarter)	(99) unknown
(06) annually (i.e., once per year)	
(07) less than annually	26. Was Your Helmet Properly Adjusted on Your Head?
(99) unknown	
	(00) no
21. How Long Had You Been Riding Today Prior to the	(01) yes
Crash?	(97) not applicable, no helmet
USE ZEROS TO FILL IN BLANKS	(98) other (specify)
hours minutes	(99) unknown
(00–96) hours	
(00–59) minutes	27. Was Your Helmet Securely Fastened to Your Head?
(97-97) not applicable	·
(98-98) other (specify)	(00) no
(99-99) unknown	(01) yes
	(97) not applicable, no helmet
22. How Many Miles Had You Ridden Before the Crash	(98) other (specify)
Occurred?	(99) unknown
	(77) ulikilowii
(001) 1 mile or less	28. What Type of Helmet Is It?
(002–995) actual number of miles	20. What Type of Heimet is it:
(997) not applicable, not yet begun trip	(00)
(998) other (specify)	(00) not a motorcycle helmet
(999) unknown	(01) half/police motor vehicle, motorcycle helmet
(999) ulikilowii	(02) open-face motor vehicle, motorcycle helmet
	(03) full-face motor vehicle, motorcycle helmet
HELMET DATA	(04) novelty or beanie helmet
22 Addit Ti'm efdl of oak XV	(97) not applicable, no helmet
23. At the Time of the Crash, Were You	(98) other (specify)
Wearing a Helmet?	(99) unknown
(00)	
(00) no	29. What Is the Type of Helmet Coverage?
(01) yes (skip to # 26)	
(02) helmet available but not used	(01) partial coverage
(98) other (specify)	(02) full coverage
(99) unknown	(03) full-facial coverage, integral chin bar but no face shield
	(04) full-facial coverage, removable chin bar
24. What Is Your Reason for Not Wearing a Helmet?	(05) full-facial coverage, retractable chin bar
	(06) full-facial coverage, integral chin bar and face shield
(01) not required by law	(07) open-face helmet with flat wraparound face shield
(02) no expectation of accident involvement	(08) open-face helmet with bubble-type face shield
(03) helmets too expensive	(09) open-face helmet with visor/face shield combo
(04) helmets are inconvenient and uncomfortable	(10) open-face helmet with removable gravel guard
(05) helmets reduce traffic awareness, limit hearing and vision	(97) not applicable, no helmet
(06) helmets are ineffective in reducing head injury	(98) other (specify)
(07) helmets cause neck injury	(99) unknown
(08) helmets cannot be used, physical or religious reasons	V - V
(09) do not own a helmet	
(10) forgot to bring helmet today	
(97) not applicable, rider is wearing a helmet	
(98) other (specify)	
(99) unknown	
(/ / - / - / - / - / - / - / - / - / -	

30. What Is the Predominant Color of Your Helmet?	35. What Percentage of Time Do You Wear Your Helmet When Riding?
(01) no dominating color, multicolored	CODE 000–100 PERCENT
(02) white	
(03) yellow	(000–100) percent helmet worn
(04) black	(997) not applicable, no helmet
(05) red	(999) unknown
(06) blue	
(07) green	36. Under What Conditions Do You Usually Wear Your
(08) silver, grey	Helmet?
(09) orange	CODE UP TO FOUR; INPUT 97 FOR REMAINING
(10) brown, tan	RESPONSES
(11) purple	
(12) gold	
(13) chrome, metallic	
(97) not applicable, no helmet	
(98) other (specify)	(00) never uses helmet
(99) unknown	
(55) dilikilowii	(01) mostly on long trips (02) mostly in high-speed highway or freeway traffic
31. What Is the Color of the Face Shield?	
31. What is the color of the race sincia.	(03) in adverse weather
(01) clear	(04) usually, but not in hot weather
(01) clear (02) green	(05) always
	(97) not applicable, no helmet
(03) grey, smoke (04) amber, yellow	(98) other (specify)
(05) blue	(99) unknown
(05) blue (06) reflective (any color)	
	IMPAIRMENT
(97) not applicable, no face shield	
(98) other (specify)	37. Do You Have Any of the Following Permanent Physical
(99) unknown	Conditions?
22 D 37 O TH' 11 1 49	CODE UP TO THREE; INPUT 00 FOR REMAINING
32. Do You Own This Helmet?	RESPONSES
(00)	
(00) no	
(01) yes	
(97) not applicable, no helmet	(00) no
(98) other (specify) (99) unknown	(01) vision reduction or loss
(99) ulikilowii	(02) hearing reduction or loss
22. II XV.II.D (DL ' II. L 4. E'49	(03) respiratory, cardiovascular condition
33. How Well Does This Helmet Fit?	(04) paraplegia
(01)	(05) amputee
(01) acceptable fit	(06) neurological, epilepsy, stroke
(02) too large, too loose	(07) endocrine system, diabetes, digestive system
(03) too small, too tight	(08) infirmity, arthritis, senility
(97) not applicable, no helmet	(98) other (specify)
(98) other (specify)	(99) unknown
(99) unknown	
34. Was the Helmet Retained in Place On Your Head During the Crash?	
(00)	
(00) no helmet	
(01) no, helmet ejected from head during pre-crash time period	
(02) no, helmet ejected from head during crash	
(03) no, helmet ejected from head after collision	
(04) yes, helmet retained in place through to completion of crash	
(05) yes, helmet moved on head but was retained	
(97) not applicable, no helmet	
(98) other (specify)	
(99) unknown	

38. At the Time of the Crash, Were You Experiencing Any	42. What Is the Type of Drugs Other Than Alcohol?
of the Following?	
CODE UP TO THREE; INPUT 00 FOR REMAINING	(00) no drugs other than alcohol
RESPONSES	(01) stimulant
	(02) depressant
	(03) drugs taken, type unknown
	(04) multiple drugs taken
(00) no	(97) not applicable
(01) fatigue	(98) other (specify)
(02) hunger	(99) unknown
(03) thirst	
(04) elimination urgency	43. What Is the Source of the Drugs Other Than Alcohol?
(05) muscle spasm, cramp, itch	<u> </u>
(06) headache, minor malaise, fever	(00) no drugs other than alcohol
(07) siesta syndrome (tired in afternoon)	(01) prescription
(98) other (specify)	(02) nonprescription, over the counter
(99) unknown	(03) illegal
	(97) not applicable
	(99) unknown
39. Were You Concerned About Any of the Following Issues	(/// ==================================
on the Day of the Crash? CODE UP TO THREE; INPUT 00 FOR REMAINING	RIDING/DRIVING EXPERIENCE
RESPONSES	44. Are You the Owner of This Motorcycle?
	(00) no (din to # 47)
	(00) no (skip to # 47)
(00) no problems	(01) yes
(01) conflict with friends, relatives, divorce, separation	(98) other (specify)
(02) work-related problems	(99) unknown
(03) financial distress	45 ****
(04) school problems	45. Where Did You Purchase This Motorcycle?
(05) legal, police problems	
(06) reward stress	(01) dealership (store front or internet)
(07) traffic conflict, road rage	(02) family, friend, or neighbor
(08) death of family or friend	(03) newspaper ad or internet ad
(98) other (specify)	(04) motorcycle was a gift
(99) unknown	(97) not applicable, rider does not own this motorcycle
(77) unknown	(98) other (specify)
40. How Many Hours of Sleep Did You Have in the 24 Hours	(99) unknown
Prior to the Crash?	
Thor to the Crash.	46. How Long Have You Owned the Crash-Involved
(00) no cloop	Motorcycle?
(00) no sleep (01–24) number of hours slept	USE ZEROS TO FILL IN BLANKS
	years months
(98) other (specify)	(00-00) less than 2 weeks
(99) unknown	(00–11) months
4 51.57 5 4 4 4 4 5 5	(00–96) years
41. Did You Drink Any Alcohol or Take Any Drugs or	(97-97) not applicable, rider does not own this motorcycle
Medications in the 24 Hours Prior to the Crash?	(98-98) other (specify)
	(99-99) unknown
(00) no (skip to # 44)	(55 55) unknown
(01) alcohol use only (skip to # 44)	47. How Long Have You Operated a Street Motorcycle?
(02) drug/medication use only	USE ZEROS TO FILL IN BLANKS
(03) combined alcohol and drug/medication use	
(98) other (specify)	years months (00-00) less than 2 weeks
(99) unknown	(00–10) less than 2 weeks (00–11) months
	(00–96) years
	(97-97) not applicable
	(98-98) other (specify)
	(99-99) unknown

48. How Long Have You Operated the Crash-Involved Motorcycle?	53. Please Tell Me the Reason for Not Taking Motorcycle Safety Training?
USE ZEROS TO FILL IN BLANKS	(01) 4 66 1
yearsmonths (00-00) this is the first time	(01) not offered
(00-10) this is the first time (00-11) months	(02) enrolled for future date
(00–96) years	(03) tried unsuccessfully to enroll
(97-97) not applicable	(04) not interested/do not need it
	(05) cost
(98-98) other (specify)	(97) not applicable, took training
(99-99) unknown	(98) other (specify)
49. What Is the Average Number of Days per Year That You	(99) unknown
Ride Motorcycles?	54. How Old Were You When You First Began to Ride a Street Motorcycle?
(001–365) actual number of days per year	CODE THE ACTUAL AGE
(997) not applicable, first time	6022 1112 11610112 1162
(998) other (specify)	(00) never rode before or barely ever ride
(999) unknown	(01–96) actual age
50. About How Many Miles per Year Do You Ride a Motorcycle?	(98) other (specify) (99) unknown
·	55 Wordham Voorsin Which Von Did Not Did o
(00000) none	55. Were there Years in Which You Did Not Ride a
(00001–99995) actual number of miles	Motorcycle?
(99996) 99,996 miles or greater	(00) (1: , #57)
(99998) other (specify)	(00) no (skip to # 57)
(99999) unknown	(01) yes
	(97) not applicable, never rode before
51. What Kind of Motorcycle Training Have You Had?	(98) other (specify)
	(99) unknown
(00) none (skip to # 53)	
(01) State-recognized entry-level motorcycle course	56. How Many Years Was Your Most Recent Hiatus?
(02) experienced-rider course	
(03) high-performance/competitive-track course	(00) never stopped riding
(04) self-taught	(01–96) actual number of years
	(97) not applicable, never rode before
(05) taught by family and/or friends	(98) other (specify)
(98) other (specify)	(99) unknown
(99) unknown	(22) ummo m
52. In What Years Have You Taken Any Formal Motorcycle Training?	57. When You Ride or Drive, What Is the Percentage of Time You Ride a Motorcycle Versus Driving Another
BEGIN WITH MOST RECENT COURSE AND WORK	Type of Vehicle?
BACKWARD; CODE UP TO THREE, THEN SKIP TO	INDICATE PERCENTAGE OF TOTAL
# 54	RIDING/DRIVING TIME FOR EACH CATEGORY
π Ϳ϶	Motorcycle
	Other-Vehicle Type
	100%
(1000, 2100) actual year of training	(000) first-time use
(1900–2100) actual year of training	(001–100) percent
(9997) not applicable	(997) not applicable
(9999) unknown	(999) unknown

58. When You Ride a Motorcycle, What Is the Percentage of Time You Use It For Each of these Categories? INDICATE PERCENTAGE OF TOTAL RIDING/DRIVING TIME FOR EACH CATEGORY	64. How Many Car or Truck Traffic Crashes Have You Had in the Past 5 Years? CODE THE TOTAL NUMBER OF PREVIOUS CAR OR TRUCK CRASHES
Recreation	
Basic Transportation	(00) none
100%	(01–96) actual number of crashes
(000) first-time use	(99) unknown
(001–100) percent	C H. M. I. F D. V H D'I' W'd
(997) not applicable	65. How Much Experience Do You Have Riding With
(999) unknown	Passengers on a Motorcycle?
50 Ham I am Ham Van Dam Driving Am Vind of Mateu	(00) never carry passenger(s)
59. How Long Have You Been Driving Any Kind of Motor Vehicle?	(01) first time carrying passenger(s)
	(02) very little experience
yearsmonths (00-00) less than 2 weeks	(03) moderate experience
(00–10) less than 2 weeks (00–11) months	(04) extensive experience
(00–96) years	(97) not applicable
(97-97) not applicable, never operated a motorcycle	(99) unknown
(99-99) unknown	
(75-77) unknown	66. How Much Experience Do You Have Riding With
60. How Many Miles per Year Do You Drive a Car or	Cargo/Luggage?
Truck?	 -
	(00) no experience with cargo/luggage
(00000) none	(01) first time
(00001–99995) actual number of miles	(02) seldom carries similar cargo/luggage
(99996) 99,996 miles or greater	(03) frequently carries similar cargo/luggage
(99998) other (specify)	(04) always carries similar cargo/luggage
(99999) unknown	(97) not applicable
	(99) unknown
(1 II Variation II-1 A Company Translation Translation Of the Company Translation II Company Translation III Company Tran	
61. Have You Had Any Car or Truck Driver Training?	PIDING HARITS
<u> </u>	RIDING HABITS
(00) no training	
(00) no training (01) self-taught	RIDING HABITS 67. Are You a Motorcycle Club Member?
(00) no training (01) self-taught (02) taught by friends and/or family	67. Are You a Motorcycle Club Member?
(00) no training (01) self-taught (02) taught by friends and/or family (03) official driver-training class	67. Are You a Motorcycle Club Member? (00) no
(00) no training (01) self-taught (02) taught by friends and/or family (03) official driver-training class (04) voluntary driver's education	67. Are You a Motorcycle Club Member? (00) no (01) yes
(00) no training (01) self-taught (02) taught by friends and/or family (03) official driver-training class (04) voluntary driver's education (05) compulsory driver's education	67. Are You a Motorcycle Club Member? (00) no
(00) no training (01) self-taught (02) taught by friends and/or family (03) official driver-training class (04) voluntary driver's education (05) compulsory driver's education (06) professional training for commercial license	67. Are You a Motorcycle Club Member? (00) no (01) yes (99) unknown
(00) no training (01) self-taught (02) taught by friends and/or family (03) official driver-training class (04) voluntary driver's education (05) compulsory driver's education (06) professional training for commercial license (07) compulsory motor-vehicle training ordered by judge,	67. Are You a Motorcycle Club Member? (00) no (01) yes (99) unknown 68. Were You Riding With Other Motorcyclists at the Time
(00) no training (01) self-taught (02) taught by friends and/or family (03) official driver-training class (04) voluntary driver's education (05) compulsory driver's education (06) professional training for commercial license (07) compulsory motor-vehicle training ordered by judge, police, etc.	67. Are You a Motorcycle Club Member? (00) no (01) yes (99) unknown
(00) no training (01) self-taught (02) taught by friends and/or family (03) official driver-training class (04) voluntary driver's education (05) compulsory driver's education (06) professional training for commercial license (07) compulsory motor-vehicle training ordered by judge, police, etc. (98) other (specify)	67. Are You a Motorcycle Club Member? (00) no (01) yes (99) unknown 68. Were You Riding With Other Motorcyclists at the Time of the Crash?
(00) no training (01) self-taught (02) taught by friends and/or family (03) official driver-training class (04) voluntary driver's education (05) compulsory driver's education (06) professional training for commercial license (07) compulsory motor-vehicle training ordered by judge, police, etc.	67. Are You a Motorcycle Club Member? (00) no (01) yes (99) unknown 68. Were You Riding With Other Motorcyclists at the Time of the Crash? (00) no (skip to # 72)
(00) no training (01) self-taught (02) taught by friends and/or family (03) official driver-training class (04) voluntary driver's education (05) compulsory driver's education (06) professional training for commercial license (07) compulsory motor-vehicle training ordered by judge, police, etc. (98) other (specify) (99) unknown	67. Are You a Motorcycle Club Member? (00) no (01) yes (99) unknown 68. Were You Riding With Other Motorcyclists at the Time of the Crash? (00) no (skip to # 72) (01) yes
(00) no training (01) self-taught (02) taught by friends and/or family (03) official driver-training class (04) voluntary driver's education (05) compulsory driver's education (06) professional training for commercial license (07) compulsory motor-vehicle training ordered by judge, police, etc. (98) other (specify) (99) unknown	67. Are You a Motorcycle Club Member? (00) no (01) yes (99) unknown 68. Were You Riding With Other Motorcyclists at the Time of the Crash? (00) no (skip to # 72) (01) yes (98) other (specify)
(00) no training (01) self-taught (02) taught by friends and/or family (03) official driver-training class (04) voluntary driver's education (05) compulsory driver's education (06) professional training for commercial license (07) compulsory motor-vehicle training ordered by judge, police, etc. (98) other (specify) (99) unknown 62. How Many Moving Traffic Convictions Have You Had in the Previous 5 Years?	67. Are You a Motorcycle Club Member? (00) no (01) yes (99) unknown 68. Were You Riding With Other Motorcyclists at the Time of the Crash? (00) no (skip to # 72) (01) yes
(00) no training (01) self-taught (02) taught by friends and/or family (03) official driver-training class (04) voluntary driver's education (05) compulsory driver's education (06) professional training for commercial license (07) compulsory motor-vehicle training ordered by judge, police, etc. (98) other (specify) (99) unknown 62. How Many Moving Traffic Convictions Have You Had in the Previous 5 Years? CODE THE TOTAL NUMBER OF MOVING TRAFFIC	67. Are You a Motorcycle Club Member? (00) no (01) yes (99) unknown 68. Were You Riding With Other Motorcyclists at the Time of the Crash? (00) no (skip to # 72) (01) yes (98) other (specify) (99) unknown
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(00) no training (01) self-taught (02) taught by friends and/or family (03) official driver-training class (04) voluntary driver's education (05) compulsory driver's education (06) professional training for commercial license (07) compulsory motor-vehicle training ordered by judge, police, etc. (98) other (specify) (99) unknown 62. How Many Moving Traffic Convictions Have You Had in the Previous 5 Years? CODE THE TOTAL NUMBER OF MOVING TRAFFIC CONVICTIONS—ANY VEHICLE	67. Are You a Motorcycle Club Member? (00) no (01) yes (99) unknown 68. Were You Riding With Other Motorcyclists at the Time of the Crash? (00) no (skip to # 72) (01) yes (98) other (specify) (99) unknown 69. How Many Other Motorcycles Were in the Group?
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70. Was the Group Riding in a Specific Formation?	75. Was This Lower-Body Clothing Motorcycle Oriented?
(00) no group	(00) no
(01) single file	(01) yes
(02) staggered	(97) not applicable, no clothing
(03) side by side	
(04) no formation (skip to # 72)	(98) other (specify)
(97) not applicable	(99) unknown
	76 Ware Von Weering on Inflatable Sefety Vest?
(98) other (specify) (99) unknown	76. Were You Wearing an Inflatable Safety Vest?
(99) UIIKIIOWII	(00) no
71. If in a Formation, Where Was Your Motorcycle Placed	
in That Formation?	(01) yes
m That Formation:	(98) other (specify)
(00)	(99) unknown
(00) not in formation	
(01) front area	77. What Kind of Shoes or Boots Were You Wearing?
(02) middle area	
(03) rear area	(00) no shoes or boots, barefoot (skip to # 80)
(07) not applicable	(01) light sandal
(98) other (specify)	(02) medium street shoe, loafer
(99) unknown	(03) athletic, training shoe
	(04) heavy shoe or boot
PROTECTIVE CLOTHING/GEAR WHEN RIDING	(05) reinforced work boot or motorcycle boot
	(98) other (specify)
72. What Kind of Clothing Was on Your Upper Body?	(99) unknown
(00) none (skip to # 74)	78. Did This Footwear Go up Over Your Ankle?
(01) light cloth garment (e.g., thin cotton)	
(02) medium cloth garment (e.g., denim, nylon)	(00) no
(03) heavy cloth garment (e.g., imitation leather)	(01) yes
(04) leather garment	(97) not applicable, no footwear worn
(05) Kevlar	(98) other (specify)
(06) armored nylon mesh	(99) unknown
(07) off-road, molded body armor	
(08) armored leather	79. Was the Footwear Motorcycle Oriented?
(98) other (specify)	
(99) unknown	(00) no
72 W. Th' H. D. D. J. Challe M. A	(01) yes
73. Was This Upper-Body Clothing Motorcycle Oriented?	(97) not applicable, no footwear worn
	(99) unknown
(00) no	
(01) yes	80. What Kind of Gloves Were You Wearing?
(97) not applicable, no clothing	
(98) other (specify)	(00) none (skip to # 82)
(99) unknown	(01) light cloth garment (e.g., thin cotton)
TA WILLARY I COLAL STATE WAS TO BE 1-9	(02) medium cloth garment (e.g., denim, nylon)
74. What Kind of Clothing Was on Your Lower Body?	(03) heavy cloth garment (e.g., imitation leather)
(00) (-1:- 4- #76)	(04) leather garment
(00) none (skip to #76)	(05) Kevlar
(01) light cloth garment (e.g., thin cotton)	(06) armored nylon mesh
(02) medium cloth garment (e.g., denim, nylon) (03) heavy cloth garment (e.g., imitation leather)	(07) off-road, molded body armor
	(98) other (specify)
(04) leather garment	(99) unknown
(05) Kevlar (06) armored nylon mesh	
(07) off-road, molded body armor	
(98) other (specify) (99) unknown	
(77) UIIKIOWII	

81. Are the Gloves Motorcycle Oriented?	85. What Kind of Eye Protection Were You Wearing at the Time of the Crash?
(00) no	(00) none (skip to # 97)
(01) yes, full-fingered (02) yes, shorties	(00) none (skip to # 87) (01) clear, nonprescription glasses
(97) not applicable, no gloves worn	(02) clear, prescription glasses
	(02) clear, prescription grasses (03) nonprescription sunglasses
(98) other (specify)	(04) prescription sunglasses
(99) unknown	(05) goggles, nonprescription
92 Is Any of This Clothing Detuoneflective?	(06) goggles, prescription
82. Is Any of This Clothing Retroreflective? CODE UP TO THREE RESPONSES	(07) industrial safety glasses
CODE OF TO THREE RESPONSES	
	(98) other (specify) (99) unknown
	(99) ulikliowii
(00) no retroreflective clothing or gloves (01) upper body (shirt/jacket/vest)	86. What Color Was the Eye-Coverage Lens?
(02) lower body (pants/shorts)	(01) clear
(03) gloves	(02) green
(04) special arm bands or similar items	(03) grey, smoke
(97) not applicable, no clothing or gloves worn	(04) amber, yellow
(98) other (specify)	(05) blue
(99) unknown	(06) reflective (any color)
	(97) not applicable, not wearing eye coverage
83. What Is the Clothing Color of the Following?	(98) other (specify)
	(99) unknown
Upper-Body Clothing	
Lower-Body Clothing	- 87. Were You Injured in This Crash?
Footwear	-
Gloves	(00) no injuries (skip to # 89)
(01) no dominating color, multicolored	(01) yes
(02) white	(99) unknown
(03) yellow	
(04) black	88. What Kind of Medical Treatment Did You Receive?
(05) red	
(06) blue	(00) no treatment
(07) green	(01) on-scene emergency care only
(08) silver	(02) treated and released at hospital/trauma center
(09) orange	(03) admitted to hospital/trauma center
(10) brown	(04) walk-in clinic
(11) purple	(05) private physician
(12) gold	(97) not applicable, no injury
(13) grey	(98) other (specify)
(97) not applicable, no clothing	(99) unknown
(98) other (specify)	(>>) william
(99) unknown	BACKGROUND INFORMATION
84. Are You Required to Wear Corrective Lenses When	
Riding/Driving?	89. How Old Were You at the Time of the Crash?
(00) no	- (01–96) actual age
(01) yes	(99) unknown
(98) other (specify)	
(99) unknown	

(00) no license (01) Canada (02) California (03) other State (list) (03) other State (list) (07) no license required (49ce scooter) (99) unknown (99) unknown 91. What Kind of Operator's License Is It? CODE UP TO FOUR; INPUT 00 FOR REMAINING RESPONSES (10) White (10) Islamer's permit only (10) Islamer's permit only (10) Incorrected license (10) Incorrected license (10) automobile license (10) automobile license (10) moltrected driver and competition license (10) incorrected license required (49ce scooter) (10) moltrected fiver and competition license (10) incorrected license required (49ce scooter) (10) moltrected kicense required (49ce scooter) (10) moltrected fiver and competition license (10) incorrected license required (49ce scooter) (10) incorrected license required (49ce scooter) (10) incorrected incorrected license required (49ce scooter) (10) moltrected representation of the secondary	90. What State/Country Issued Your Current Driver's License?	95. Are You of Hispanic or Latino Origin?
(02) Tefused to answer (03) other State (list) (03) other State (list) (04) military (97) no license required (49ce scooter) (98) other (specify) (99) unknown 91. What Kind of Operator's License Is It? CODE UP TO FOUR; INPUT 00 FOR REMAINING RESPONSES (01) White (02) Black or African American (03) Asian (04) Native Hawaiian or other Pacific Islander (05) American Indian or Alaska Native (06) refused to answer (05) amotorycle license (03) automobile license (04) unintorycle license (05) amotorycle license (05) motorycle license (06) inostraycle diverse and competition license (06) license to transport people (07) heavy-truck license (08) no license required (49ce scooter) (98) other (specify) (99) unknown 92. What Is Your Height? (00) responsible (1999) unknown 93. What Is Your Weight in Pounds? (1900–2100) year of issuance (19997) not applicable (19999) unknown 94. How Long Have You Held a Motorcycle License? (10) on license held (10) noticense held (10) license to transport people (10) license to transport people (10) peace		(00) no
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(00) flever (01–96) actual number of times (97) not applicable (98) other (specify)		
(01-96) actual number of times (97) not applicable (98) other (specify)		
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94. How Long Have You Held a Motorcycle License? USE ZEROS TO FILL IN BLANKS years months (00-00) less than 2 weeks (00-11) months (00-96) years (97-97) not applicable, no license held (98-98) other (specify)	(98) other (specify)	(05) graduate school, advanced degree, professional degree
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USE ZEROS TO FILL IN BLANKS years months (00-00) less than 2 weeks (00-11) months (00-96) years (97-97) not applicable, no license held (98-98) other (specify)	04 11 1 11 17 11 11 11 12 12	(98) other (specify)
		(99) unknown
(00-00) less than 2 weeks (00-11) months (00-96) years (97-97) not applicable, no license held (98-98) other (specify)		
(00–11) months (00–96) years (97-97) not applicable, no license held (98-98) other (specify)	(00, 00) loss than 2 weeks	
(00–96) years (97-97) not applicable, no license held (98-98) other (specify)		
(97-97) not applicable, no license held (98-98) other (specify)		
(98-98) other (specify)		
(99-99) unknown		
	(99-99) unknown	

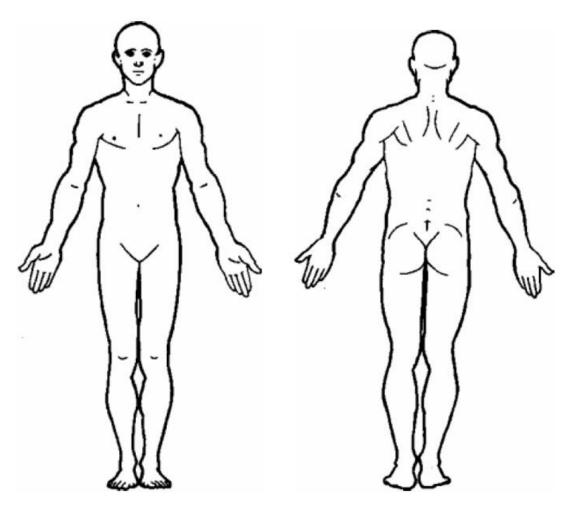
(01) management (00) none (02) business and financial (01) one (03) computer and mathematical (02) two (04) architecture and engineering (03) three (05) life, physical, and social sciences (04) four (06) community and social services (05) five (07) legal (06) six or more (08) education, training, or library (98) other (specify) (09) arts, design, entertainment, sports, or media (99) unknown (10) healthcare practitioners and technical jobs (11) healthcare support 104. Blood Alcohol Concentration (BAC)? (12) protective services CODE RESULTS IN mg/100 ml (13) food preparation, serving, and related (14) building and grounds maintenance (000) negative BAC (15) personal care and services (001–900) test results in mg/100 ml (16) sales and related (995) BAC tested, results not known (17) office and administrative support (996) BAC not tested (18) farming, fishing, or forestry (998) other (specify) _____ (19) construction or extraction (999) unknown (20) installation, maintenance, or repair (21) transportation and material moving 105. Source of BAC Information (22) military (23) full-time student (00) not tested (97) not applicable, not in workforce at present (01) breath testing (98) other (specify) (02) unknown if tested (99) unknown (03) tested, results unknown (04) tested, results not available 102. Are You Married? (05) official records/ER/autopsy/PAR (98) other (specify) (01) single (99) unknown (02) married (03) separated (04) divorced (05) widowed (06) cohabitating (98) other (specify)

103. How Many Children Do You Have?

101. What Is Your Current Occupation?

INJURY DATA—SOFT TISSUE INJURIES

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

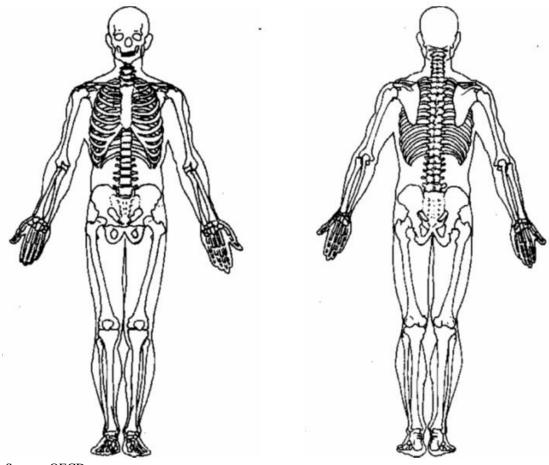


Source: OECD.

Figure 5. Illustration. Motorcycle rider—front and back of human body.

INJURY DATA—SKELETAL INJURIES

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

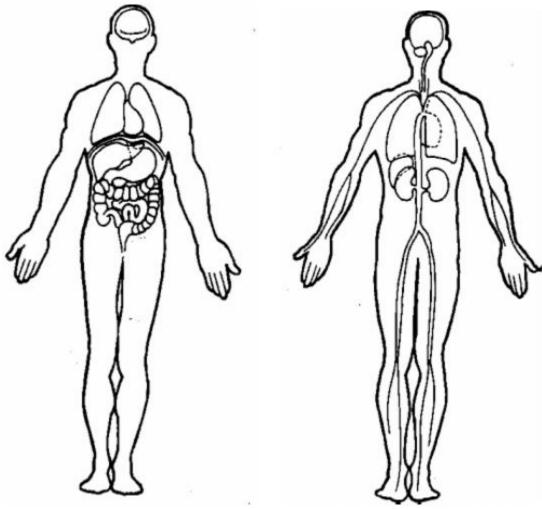


Source: OECD.

Figure 6. Illustration. Motorcycle rider—front and back of human body with skeleton.

INJURY DATA—INTERNAL INJURIES

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



Source: OECD.

Figure 7. Illustration. Motorcycle rider—front and back of human body with internal organs.

A-5. CONTROL MOTORCYCLE RIDER DATA-COLLECTION FORM

The following form is a blank form.

Control Motorcycle Rider Form	Case Number
	Control MC Rider Number
TRIPINFORMATION	3. What Was Your Trip Destination?
1. Where Did Your Trip Begin Today?	(01) home
	(02) work, business
(01) home	(03) recreation/social
(02) work, business	(04) school
(03) recreation/social	(05) errand, shopping
(04) school	(06) family, friends, relatives
(05) errand, shopping	(07) meals, restaurant, café, etc.
(06) family, friends, relatives	(08) transport someone
(07) meals, restaurant, café, etc. (08) transport someone	(09) medical/dental (10) bar/pub
(09) medical/dental	(10) bar/pub (11) religious activity
(10) bar/pub	(11) rengious activity (12) personal business/obligations
(11) religious activity	(98) other (specify)
(12) personal business/obligations	(99) unknown
(98) other (specify)	(>>) and (>)
(99) unknown	4. About How Many Miles Will the Trip Be One Way?
2. Did You Do Any Safety or Maintenance Checks on	Your (001) 1 mile or less
Motorcycle Before Leaving for This Trip?	(002–995) actual number of miles
CODE UP TO FOUR	(996) 996 miles or greater
	(997) not applicable
	(999) unknown
_	5. How Frequently Do You Travel This Road on/in Any
(00) none	Vehicle?
(01) exterior visual inspection only	
(02) checked fluids	(01) first time
(03) checked lights	(02) daily use (i.e., once per day)
(04) checked brakes	(03) weekly use (i.e., once per week)
(05) checked tire pressure	(04) monthly use (i.e., once per month)
(06) checked chain	(05) quarterly (i.e., once per quarter)
(98) other (specify)	(06) annually (i.e., once per year) (07) less than annually
(99) unknown	(99) unknown
	6. How Long Have You Been Riding Today Since Your Trip
	Departure?
	USE ZEROS TO FILL IN BLANKS
	hours minutes
	(00–24) hours
	(00–59) minutes
	(97-97) not applicable
	(98-98) other (specify)
	(99-99) unknown

7. How Many Miles Have You Gone Since Your Trip Departure?	13. Was/Is Your Helmet Securely Fastened to Your Head?
2 opin turet	(00) no
(001) 1 mile or less	(01) yes
(002–995) actual number of miles	(97) not applicable, no helmet
(996) 996 miles or greater	(98) other (specify)
(997) not applicable, had not yet begun trip	(99) unknown
(998) other (specify)	
(999) unknown	14. What Type of Helmet Is It?
8. What Was Your Travel Speed Just Before You Stopped	(00) not a motorcycle helmet
for This Interview?	(01) half/police motor vehicle, motorcycle helmet
	(02) open-face motor vehicle, motorcycle helmet
(00) stopped	(03) full-face motor vehicle, motorcycle helmet
(01–95) actual miles per hour	(04) novelty or beanie helmet
(96) 96 mph or greater	(97) not applicable, no helmet
(98) other (specify)	(98) other (specify)
(99) unknown	(99) unknown
HELMET DATA	14(A). Conformity to Which Qualification?
9. When You Were Just Riding, Were You Wearing a	CODE ALL THAT APPLY; INPUT 97 FOR REMAINING RESPONSES
Helmet?	KEMAINING KESFONSES
(00) no	
(01) yes (skip to # 12)	
(02) helmet available but not used	(01) no standards labeled
(98) other (specify)	(02) ISO
(99) unknown	(03) ECE-22-02
	(04) ECE-22-03
10. What Is Your Reason For Not Wearing a Helmet?	(05) ECE-22-04
	(06) E04 (EU)
(01) not required by law	(07) BS6658A
(02) no expectation of accident involvement	(08) BS6658B
(03) helmets are too expensive (04) helmets are inconvenient and uncomfortable	(09) JIS-A
(05) helmets reduce traffic awareness, limit hearing and vision	(10) JIS-B (11) JIS-C
(06) helmets are ineffective in reducing head injury	(11) JIS-C (12) FMVSS 218
(07) helmets cause neck injury	(13) SNELL M85
(08) helmets cannot be used, physical or religious reasons	(14) SNELL M90
(09) do not own a helmet	(15) ANSI Z90.1
(10) forgot to bring helmet today	(16) CSA D230
(97) not applicable, rider is wearing a helmet	(17) TUV
(98) other (specify)	(18) DGM (Italy)
(99) unknown	(19) NF (France)
11 D. V F W H.l	(20) ASA (Australia)
11. Do You Ever Wear a Helmet?	(21) CEN
(00) no (skip to # 22)	(22) FIM (23) SEI
(01) yes (skip to # 20)	(24) M6.1 (Malay)
(02) occasionally (skip to # 20)	(25) NZS (1214, 1215)
(97) not applicable, rider is wearing a helmet	(26) SSA # 9 (Singapore)
(98) other (specify)	(27) USDOT
(99) unknown	(98) other (specify)
40 W W W W A D D D D D D D D D D D D D D D	(99) unknown
12. Was/Is Your Helmet Properly Adjusted on Your Head?	
(00) no	
(01) yes (97) not applicable, no helmet	
(98) other (specify)	

15. What Is the Type of Helmet Coverage?	19. How Well Does This Helmet Fit?
(01) partial coverage	(01) acceptable fit
(02) full coverage	(02) too large, too loose
(03) full-facial coverage, integral chin bar but no face shield	(02) too rarge, too roose (03) too small, too tight
(04) full-facial coverage, removable chin bar	(04) contour mismatch
(05) full-facial coverage, retractable chin bar	(97) not applicable, no helmet
(06) full-facial coverage, integral chin bar and face shield	(98) other (specify)
(07) open-face helmet with flat wraparound face shield	(99) unknown
(08) open-face helmet with bubble-type face shield	
(09) open-face helmet with visor/face shield combo	20. What Percentage of Time Do You Wear Your Helmet
(10) open-face helmet with removable gravel guard	When Riding?
(97) not applicable, no helmet	CODE FROM 001–100 PERCENT
(98) other (specify)	
(99) unknown	(000) never wear a helmet (skip to # 22)
	(001–100) percent helmet worn
16. What Is the Predominant Color of Your Helmet?	(997) not applicable, no helmet
	(999) unknown
(01) no dominating color, multicolored	(999) ulikilowii
(02) white	21 Hadar What Canditions Do Van Haralla Waar Van
	21. Under What Conditions Do You Usually Wear Your
(03) yellow	Helmet?
(04) black	CODE UP TO FOUR; INPUT 97 FOR REMAINING
(05) red	RESPONSES
(06) blue	
(07) green	
(08) silver, grey	
(09) orange	
(10) brown, tan	(00) never uses helmet
(11) purple	(01) mostly on long trips
(12) gold	(02) mostly in high-speed highway or freeway traffic
(13) chrome, metallic	(03) in adverse weather
(97) not applicable, no helmet	(04) usually, but not in hot weather
(98) other (specify)	(05) always
(99) unknown	(97) not applicable, no helmet
	(98) other (specify)
17. What Is the Color of the Face Shield?	(99) unknown
	(99) ulikilowii
(01) clear	IMPAIRMENT
(02) green	
(03) grey, smoke	22. Do You Have Any of the Following Permanent Physical
(04) amber, yellow	Conditions?
(05) blue	CODE UP TO THREE; INPUT 00 FOR REMAINING
(06) reflective (any color)	RESPONSES
(97) not applicable, no face shield	RESI ONSES
(98) other (specify)	
(99) unknown	
10 D V O MIL II I	(00) no
18. Do You Own This Helmet?	(01) vision reduction or loss
	(02) hearing reduction or loss
(00) no	(03) respiratory, cardiovascular condition
(01) yes	(04) paraplegia
(97) not applicable, no helmet	(05) amputee
(98) other (specify)	(05) amputee (06) neurological, epilepsy, stroke
(99) unknown	(07) endocrine system, diabetes, digestive system
	(08) infirmity, arthritis, senility
	(98) other (specify)
	(99) unknown

Any of the Following? CODE UP TO THREE; INPUT 00 FOR REMAINING RESPONSES (00) no (00) no (01) stimulant (02) depressant (03) drugs taken, type unknown (04) multiple drugs taken (05) blood pressure/blood thinner (06) insufficial the test medication (07) not applicable (08) other (specify) (09) unknown 28. What Is the Source of Drugs Other Than Alcohol? (01) prescription (02) no argo specification (03) no drugs ofher than alcohol (01) prescription (03) moscle spasm, cramp, itch (06) headache, minor malaise, fever (07) sists syndrome (tired in altermoon) (08) other (specify) (09) unknown 28. What Is the Source of Drugs Other Than Alcohol? (01) prescription (02) no drugs ofher than alcohol (01) prescription (02) no argo sofher than alcohol (01) prescription (02) no full prescription (02) no full prescription (03) illegal (04) school problems (05) legal, policy problems (06) reward stress (06) reward stress (06) reward stress (06) proward stress (07) traffic conflict, road rage (08) death of family or friend (08) other (specify) (09) unknown 25. How Many Hours of Sleep Did You Have in the Past 24 Hours? (00) no sleep (01-24) number of hours slept (09) unknown 26. Did You Drink Any Alcohol or Take Any Drugs or Medications Within the Past 24 Hours? (00) no (skip to # 29) (01) alcohol use only (skip to # 29) (02) drug/medication use only (03) combined alcohol and drug/medication use (08) other (specify) (09-99) unknown	23. When You Were Just Riding, Were You Experiencing	27. What Is the Type of Drugs Other Than Alcohol?
RESPONSES (01) stimulant (02) depressant (03) drugs taken, type unknown (04) multiple drugs taken (05) blood pressure blood thinner (05) blood pressure blood thinner (06) insulin/diabetes medication (07) not applicable (08) other (specify) (09) unknown (00) no (skip to # 32) (01) geal poile problems (04) dealership (store front or internet) (05) legal, poile problems (06) death of family or friend (07) unknown (08) death of family or friend (09) unknown (09) unknown (00) no sleep (00) unknown (00) no sleep (00) no sleep (00) unknown (00) no sleep (00) no sleep (00) unknown (00) no sle	Any of the Following?	
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(04) school problems (05) legal, police problems (06) reward stress (07) traffic conflict, road rage (08) death of family or friend (98) other (specify) (99) unknown 25. How Many Hours of Sleep Did You Have in the Past 24 Hours? (00) no sleep (00) no sleep (01) 24) number of hours slept (99) unknown 26. Did You Drink Any Alcohol or Take Any Drugs or Medications Within the Past 24 Hours? (00) no (skip to # 29) (01) alcohol use only (skip to # 29) (02) drug/medication use only (03) combined alcohol and drug/medication use (99) unknown 30. Where Did You Purchase This Motorcycle? (01) dealership (store front or internet) (02) family, friend, or neighbor (03) newspaper ad or internet ad (04) motorcycle was a gift (05) salvage/junkyard (06) private party (97) not applicable, rider does not own this motorcycle? USE ZEROS TO FILL IN BLANKS (00-00) less than 2 weeks (00-11) months (00-96) years (97-97) not applicable, rider does not own this motorcycle (98-98) other (specify) (99-99) unknown		
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(07) traffic conflict, road rage (08) death of family or friend (98) other (specify)		
(08) death of family or friend (98) other (specify)		30. Where Did You Purchase This Motorcycle?
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(98) other (specify)		(01) dealership (store front or internet)
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25. How Many Hours of Sleep Did You Have in the Past 24 Hours? (06) private party (97) not applicable, rider does not own this motorcycle (98) other (specify)		
(06) private party (97) not applicable, rider does not own this motorcycle (98) other (specify)		
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(98) other (specify)		
26. Did You Drink Any Alcohol or Take Any Drugs or Medications Within the Past 24 Hours? (00-00) less than 2 weeks (00-11) months (00-96) years (01) alcohol use only (skip to # 29) (02) drug/medication use only (03) combined alcohol and drug/medication use (98-98) other (specify)	(98) other (specify)	
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(01) alcohol use only (skip to # 29) (02) drug/medication use only (03) combined alcohol and drug/medication use (98) other (specify) (99-99) unknown	(00) no (skip to # 29)	
(02) drug/medication use only (03) combined alcohol and drug/medication use (98) other (specify) (99-99) unknown		
(03) combined alcohol and drug/medication use (98) other (specify) (99-99) unknown		
(98) other (specify)		
		(99-99) unknown
	· · · · · · · · · · · · · · · · · · ·	

32. How Long Have You Operated a Street Motorcycle?	38. In What Years Have You Taken Any Formal Motorcycle
USE ZEROS TO FILL IN BLANKS	Training?
years months	BEGIN WITH MOST RECENT COURSE AND WORK
(00-00) this is the first time	BACKWARD; CODE UP TO THREE
(00–11) months	
(00–96) years	
(97-97) not applicable	
(98-98) other (specify)	(1900–2100) actual year of training
(99-99) unknown	(9997) not applicable
	(9999) unknown
33. How Long Have You Operated the Motorcycle You	
Were Just Riding?	39. How Old Were You When You First Began to Ride a
USE ZEROS TO FILL IN BLANKS	Street Motorcycle?
years months	CODE ACTUAL AGE
(00-00) this is the first time	
(00–11) months	(00) never rode before or barely ever rides
(00–96) years	(01–96) actual age
(97-97) not applicable	(98) other (specify)
(98-98) other (specify)	(99) unknown
(99-99) unknown	
	40. Were there Years in Which You Did Not Ride a
34. What Is the Average Number of Days per Year That You	Motorcycle?
Ride Motorcycles?	
	(00) no (skip to # 42)
(001–365) actual number of days per year	(01) yes
(998) other (specify)	(97) not applicable, never rode before
(999) unknown	(98) other (specify)
	(99) unknown
35. About How Many Miles per Year Do You Ride a	
Motorcycle?	41. How Many Years Was Your Most Recent
	Hiatus?
(00000) none	
(00001–99995) actual number of miles	(00) never stopped riding
(99996) 99,996 miles or greater	(01–96) actual number of years
(99998) other (specify)	(97) not applicable, never rode before
(99999) unknown	(98) other (specify)
24 MH 4 MH 1 0 MH 1 1 MH 1 MH 1 1 MH 1 1 MH 1 1 MH	(99) unknown
36. What Kind of Motorcycle Training Have You Had?	
	42. When You Ride or Drive, What Is the Percentage of
(00) none (after all other responses, skip to # 38)	Time You Ride a Motorcycle Versus Driving Another
(01) State-recognized, entry-level motorcycle course	Type of Vehicle?
(02) experienced-rider course	INDICATE PERCENTAGE OF TOTAL
(03) high-performance/competitive-track course	RIDING/DRIVING TIME FOR EACH CATEGORY
(04) self-taught	Motorcycle
(05) taught by family and/or friends	Other-Vehicle Type
(06) multiple courses	100%
(98) other (specify)	(000) first-time use
(99) unknown	(001–100) percent
27 Disser Tell M. Als. Dissers Co. N. A. Tell's M. Assersal	(997) not applicable
37. Please Tell Me the Reason for Not Taking Motorcycle	(999) unknown
Safety Training?	
THEN SKIP TO # 39	43. When You Ride a Motorcycle, What Is the Percentage of
(01)	Time You Use It For Each of these Categories?
(01) not offered	INDICATE PERCENTAGE OF TOTAL
(02) enrolled for future date	RIDING/DRIVING TIME FOR EACH CATEGORY
(03) tried unsuccessfully to enroll	Recreation
(04) not interested/do not need it	Basic Transportation
(05) cost	100%
(97) not applicable, took training	(000) first-time use
(98) other (specify)	(001–100) percent
(99) unknown	(997) not applicable
	(999) unknown

44. How Long Have You Been Driving Any Kind of Motor	50. How Much Experience Do You Have Riding With	
Vehicle?	Passengers on a Motorcycle?	
years months (00-00) less than 2 weeks	(00) never carry passenger(s)	
(00–00) less than 2 weeks (00–11) months	(01) first time carrying passenger(s)	
(00–96) years	(02) very little experience	
(97-97) not applicable, never operated a motorcycle	(03) moderate experience	
(98-98) other (specify)	(04) extensive experience	
(99-99) unknown	(97) not applicable, no passenger	
	(99) unknown	
45. How Many Miles per Year Do You Drive a Car or		
Truck?	51. How Much Experience Do You Have Riding With Cargo/Luggage?	
(00000) none, do not drive car or truck		
(00001–99995) actual number of miles	(00) no experience with cargo/luggage	
(99996) 99,996 miles or greater	(01) first time	
(99998) other (specify)	(02) seldom carries similar cargo/luggage	
(99999) unknown	(03) frequently carries similar cargo/luggage	
46 Hoya Van Had Any Can on Tunals Driven Tuaining?	(04) always carries similar cargo/luggage	
46. Have You Had Any Car or Truck Driver Training?	(97) not applicable (99) unknown	
(00) no training	(99) ulikilowii	
(01) self-taught	RIDING HABITS	
(02) taught by friends and/or family		
(03) official driver-training class	52. Are You a Motorcycle Club Member?	
(04) voluntary driver's education	•	
(05) compulsory driver's education	(00) no	
(06) professional training for commercial license	(01) yes	
(07) compulsory motor vehicle training ordered by judge, police, etc.	(99) unknown	
(98) other (specify)	53. Were You Riding With Other Motorcyclists?	
(99) unknown		
45 II N. N. N. I D. 60 C. L. II N. II N. II N.	(00) no (skip to # 57)	
47. How Many Moving Traffic Convictions Have You Had	(01) yes	
in the Previous 5 Years? CODE THE TOTAL NUMBER OF MOVING TRAFFIC	(98) other (specify)	
CONVICTIONS—ANY VEHICLE	(99) unknown	
CONVICTIONS THAT VEHICLE	54. How Many Other Motorcycles Were in the Group?	
(00) none	o in 110% framy other fractice etcs were in the Group.	
(01–96) actual number of convictions	(00) none, no group	
(99) unknown	(01–95) actual number of motorcycles	
	(96) 96 motorcycles or greater	
48. How Many Motorcycle Moving Traffic Crashes Have	(98) other (specify)	
You Had in the Past 5 Years?	(99) unknown	
CODE THE TOTAL NUMBER OF PREVIOUS		
MOTORCYCLE CRASHES	55. Was the Group Riding in a Specific Formation?	
(00) none	(00) none, no group (skip to #57)	
(01–96) actual number of crashes	(01) single file	
(99) unknown	(02) staggered	
	(03) side by side	
49. How Many Car or Truck Traffic Crashes Have You Had	(97) not applicable	
in the Past 5 Years?	(98) other (specify)	
CODE THE TOTAL NUMBER OF PREVIOUS CAR OR	(99) unknown	
TRUCK CRASHES		
(00)		
(00) none		
(01–96) actual number of crashes		

56. If in a Formation, Where Was Your Motorcycle Placed in That Formation?	62. What Kind of Shoes or Boots Are You Wearing?
m that formation:	(00) no shoes or boots, barefoot (skip to # 65)
(00) not in formation	(01) light sandal
(01) front area	(02) medium street shoe, loafer
(02) middle area	(03) athletic, training shoe
(03) rear area	(04) heavy shoe or boot
` '	(05) reinforced work boot or motorcycle boot
(97) not applicable	
(98) other (specify)	(98) other (specify)
(99) unknown	(99) unknown
PROTECTIVE CLOTHING/GEAR WHEN RIDING	63. Does This Footwear Go up Over Your Ankle?
57. What Kind of Clothing Was on Your Upper Body?	(00) no
	(01) yes
(00) none (skip to # 59)	(97) not applicable, no footwear worn
(01) light cloth garment (e.g., thin cotton)	(98) other (specify)
(02) medium cloth garment (e.g., denim, nylon)	(99) unknown
(03) heavy cloth garment (e.g., imitation leather)	(>>) dimitown
(04) leather garment	64. Is the Footwear Motorcycle Oriented?
(05) Kevlar	04. Is the Pootwear Motorcycle Offented:
(05) Revial (06) armored nylon mesh	(00) ==
(07) off-road, molded body armor	(00) no
	(01) yes
(08) armored leather	(97) not applicable, no footwear worn
(98) other (specify)	(99) unknown
(99) unknown	
	65. What Kind of Gloves Are You Wearing?
58. Is This Upper-Body Clothing Motorcycle Oriented?	
	(00) none (skip to # 67)
(00) no	(01) light cloth garment (e.g., thin cotton)
(01) yes	(02) medium cloth garment (e.g., denim, nylon)
(97) not applicable, no clothing	(03) heavy cloth garment (e.g., imitation leather)
(98) other (specify)	(04) leather garment
(99) unknown	(05) Kevlar
	(06) armored nylon mesh
59. What Kind of Clothing Is on Your Lower Body?	(07) off-road, molded body armor
•	(98) other (specify)
(00) none (skip to # 61)	(99) unknown
(01) light cloth garment (e.g., thin cotton)	(,,,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
(02) medium cloth garment (e.g., denim, nylon)	66. Are the Gloves Motorcycle Oriented?
(03) heavy cloth garment (e.g., imitation leather)	out the divies motorcycle offened.
(04) leather garment	(00) no
(05) Kevlar	• /
(05) Revial (06) armored nylon mesh	(02) yes, full-fingered
(07) off-road, molded body armor	(03) yes, shorties (97) not applicable, no gloves worn
(98) other (specify)	
(99) unknown	(98) other (specify)
(99) ulikilowii	(99) unknown
60. Is This Lower-Body Clothing Motorcycle Oriented?	
(01) no	
(01) yes	
(97) not applicable, no clothing	
(98) other (specify) (99) unknown	
(99) unknown	
61. Are You Wearing an Inflatable Safety Vest?	
(00) no	
(01) yes	
(97) not applicable, no clothing	
(98) other (specify)	
(99) unknown	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	

67. Is Any of This Clothing Retroreflective?	71. What Color Is the Eye-Coverage Lens?
CODE UP TO THREE RESPONSES	(01)
	(02) green
	(03) grey, smoke
(00) no retroreflective clothing or gloves	(04) amber, yellow
(01) upper body (shirt/jacket/vest)	(05) blue
(02) lower body (pants/shorts)	(06) reflective (any color)
(03) gloves	(97) not applicable, not wearing eye coverage
(04) special arm bands or similar items	(98) other (specify)
(97) not applicable, no clothing or gloves worn	(99) unknown
(98) other (specify)	
(99) unknown	BACKGROUND INFORMATION
68. What Is the Clothing Color of the Following?	72. How Old Are You?
Upper-Body Clothing	
Lawar Dady Clothing	
Lower-Body Clothing	(01–95) actual age in years
Footwear	
Gloves	(99) unknown
(01) no dominating color, multicolored	(77) UIIKIIOWII
(02) white	72 What State/Country Issued Vor Council Daises
(03) yellow	73. What State/Country Issued Your Current Driver's License?
(04) black	License:
(05) red	(00)
(06) blue	(00) no license
(07) green	(01) Canada
(08) silver	(02) California
(09) orange	(03) other State (list)
(10) brown	(04) military
(11) purple	(97) no license required (49cc scooter)
(12) gold	(98) other (specify)
(13) grey	(99) unknown
(97) not applicable, no clothing	
(98) other (specify)	74. What Kind of Operator's License Is It?
(99) unknown	CODE UP TO FOUR; INPUT 97 FOR REMAINING
	RESPONSES
69. Are You Required to Wear Corrective Lenses When Riding/Driving?	
Kiding/Dilving.	
(00) no	(00) no license held
(01) yes	(01) learner's permit only
(98) other (specify)	(02) motorcycle license
(99) unknown	
	(04) commercial license
70. What Kind of Eye Protection Are You Wearing Now?	(04) commercial license
	(05) motorcycle driver and competition license
(00) none (skip to # 72)	(06) license to transport people
(01) clear, nonprescription glasses	(07) heavy truck license
(02) clear, prescription glasses	(97) not applicable
(03) nonprescription sunglasses	(98) other (specify)
(04) prescription sunglasses	(99) unknown
(05) goggles, nonprescription	
(06) goggles, prescription	75. What Year Was/Were the License(s) Issued?
(07) industrial safety glasses	LIST IN THE SAME ORDER AS # 74
(08) contacts	
(98) other (specify)	
(99) unknown	
(>>) unknown	
	(1900–2100) actual year
	(9997) not applicable
	(9999) unknown

76. How Many Times Have You Acquired a Motorcycle Learner's Permit?	83. How Much Formal Education Have You Had?
	(00) no formal schooling
(00) never	(01) less than high school diploma
(01–96) actual number of times	(02) high school diploma or GED
(97) not applicable	(03) partial college/university
(98) other (specify)	(04) college/university graduate
(99) unknown	(05) graduate school, advanced degree, professional degree
(99) ulikilowii	(05) graduate school, advanced degree, professional degree (06) specialty/technical school
77 Ham Lang Ham Van Hald a Matauanala Liannaa	(98) other (specify)
77. How Long Have You Held a Motorcycle License? USE ZEROS TO FILL IN BLANKS	(99) unknown
	(99) ulikilowii
years months	84. What Is Your Current Occupation?
(00-00) less than 2 weeks	64. What is Your Current Occupation:
(00–11) months	(01)
(00–96) years	(01) management
(97-97) not applicable, no license held	(02) business and financial
(98-98) other (specify)	(03) computer and mathematical
(99-99) unknown	(04) architecture and engineering
	(05) life, physical, and social sciences
78. Are You of Hispanic or Latino Origin?	(06) community and social services
	(07) legal
(00) no	(08) education, training, or library
(01) yes	(09) arts, design, entertainment, sports, or media
(02) refused to answer	(10) healthcare practitioners and technical jobs
(98) other (specify)	(11) healthcare support
(99) unknown	(12) protective services
	(13) food preparation, serving, and related
79. What Is Your Race?	(14) building and grounds maintenance
CODE UP TO THREE; INPUT 97 FOR REMAINING	(15) personal care and services
RESPONSES	(16) sales and related
	(17) office and administrative support
	(18) farming, fishing, or forestry
	(19) construction or extraction
(01) White	(20) installation, maintenance, or repair
(02) Black or African American	(21) transportation and material moving
(03) Asian	(22) military
(04) Native Hawaiian or other Pacific Islander	(23) full-time student
(05) American Indian or Alaska native	(97) not applicable, not in workforce at present
	(98) other (specify)
(06) refused to answer	(99) unknown
(97) not applicable	
(98) other (specify) (99) unknown	85. Are You Married?
(99) ulikilowii	
80. What Is Your Height?	(01) single
	(02) married
feetinches	(03) separated
(01–12) actual number of feet and inches	(04) divorced
(09-99) unknown	(05) widowed
01 XXII4 T XX XXX L.4 D J 9	(06) cohabitating
81. What Is Your Weight in Pounds?	(98) other (specify)
(001 005)	(99) unknown
(001–995) actual weight in pounds	V - V
(999) unknown	
82. What Is Your Gender?	
(01) male	
(02) female	
(99) unknown	
(- · / · · · · ·	

86. How Many Children Do You Have? 88. Source of BAC Information? (00) none (00) not tested (01) one (01) breath test (02) two (02) blood test (03) urine test (03) three (04) four (04) unknown if tested (05) five (05) tested, results unknown (06) six or more (06) tested, results not available (98) other (specify) (98) other (specify) (99) unknown (99) unknown 87. Blood Alcohol Concentration (BAC)? CODE RESULTS IN mg/100 ml (000) negative BAC (001-900) test results in mg/100 ml (995) BAC tested, results not known (996) BAC not tested (998) other (specify)

A-6. MOTORCYCLE PASSENGER DATA-COLLECTION FORM

The following form is a blank form. **Motorcycle Passenger Form** Case Number _______ Passenger Number _____ ☐ Rider ☐ Surrogate Source: PASSENGER'S DESCRIPTION OF CRASH EVENTS AND RELATED FACTORS

SPECIFIC QUESTIONS TO ASK INTERVIEWEE

CRASH DIAGRAM

Use this diagram to aid in relating interview crash trajectory data to identifia environment.	able objects in the
	North

SITUATION

1. Where Were You Located Prior to the Crash?	(01) not required by law
	(02) no expectation of accident involvement
(01) immediately behind the motorcycle rider	(03) helmets are too expensive
(02) immediately in front of the motorcycle rider	(04) helmets are inconvenient and uncomfortable
(03) behind passenger in location 1	(05) helmets reduce traffic awareness, limit hearing and vision
(04) in front of passenger in location 2	(06) helmets are ineffective in reducing head injury
(05) dismounting, jumping to side	(07) helmets cause neck injury
(97) not applicable, unseated prior to the crash	(08) helmets cannot be used, physical or religious reasons
(98) other (specify)	(09) do not own a helmet
(99) unknown	(10) forgot to bring helmet today
	(97) not applicable, passenger is wearing a helmet
2. Where Was Your Riding Position at the Time of the	(98) other (specify)
Collision?	(99) unknown
(01) normal, straddle-seated behind rider	6. Do You Ever Wear a Helmet?
(02) riding with both legs on left side of motorcycle	
(03) riding with both legs on right side of motorcycle	(00) no (skip to # 18)
(04) straddle-seated on pillion behind rider	(01) yes (skip to # 16)
(05) straddle-seated on tank ahead of rider	(02) occasionally (skip to # 16)
(06) in sidecar	(97) not applicable, passenger is wearing a helmet
(07) straddle-seated behind rider facing rear	(98) other (specify)
(98) other (specify)	(99) unknown
(99) unknown	
	7. Was your Helmet Properly Adjusted on Your Head?
3. Did Any of Your Actions Contribute to the Crash?	
	(00) no
(00) no, no action by passenger contributed to crash	(01) yes
(01) yes, passenger weight contributed to loss of control during evasive action	(97) not applicable, no helmet (98) other (specify)
(02) yes, passenger lost hold or fell and contributed to rider loss of control	(99) unknown
(03) yes, passenger interfered with motorcycle balance and caused rider loss of control	8. Was Your Helmet Securely Fastened to Your Head?
(04) yes, passenger interfered with motorcycle controls and	(00) no
contributed to crash	(01) yes
(05) yes, passenger's lower extremities entrapped in rear	(97) not applicable, no helmet
suspension or wheel and contributed to crash	(98) other (specify)
(06) yes, passenger action distracted motorcycle rider and	(99) unknown
contributed to crash (specify)	
(00)	9. What Type of Helmet Is It?
(98) other passenger action that contributed to crash (specify)	(00)
(99) unknown	(00) not a motorcycle helmet
(99) ulikilowii	(01) half/police motor vehicle, motorcycle helmet (02) open-face motor vehicle, motorcycle helmet
HELMET DATA	(02) open-race motor vehicle, motorcycle helmet (03) full-face motor vehicle, motorcycle helmet
HIBBINDI BILIT	(04) novelty or beanie helmet
4. At the Time of the Crash, Were You Wearing a Helmet?	(97) not applicable, no helmet
The same of the orange of the same of the	(98) other (specify)
(00) no	(99) unknown
(01) yes (skip to # 7)	(22) unknown
(02) helmet available but not used	
(98) other (specify)	
(99) unknown	

5. What Is Your Reason For Not Wearing a Helmet?

(01) partial coverage (02) full coverage (03) full-facial coverage, integral chin bar but no face shield (04) full-facial coverage, removable chin bar (05) full-facial coverage, extractable chin bar (06) full-facial coverage, extractable chin bar (07) open-face helmet with bubble-type face shield (08) open-face helmet with surparound face shield (08) open-face helmet with removable gravel guard (07) not applicable, no helmet (98) other (specify) (99) unknown 11. What Is the Predominant Color of Your Helmet? (01) no dominating color, multicolored (02) white (03) yellow (04) black (05) red (06) blue (07) green (08) silver, grey (09) orange (10) pormage (11) purple (12) gold (13) chrome, metallic (97) not applicable, no helmet (98) other (specify) (99) unknown 12. What Is the Color of the Face Shield? (10) clear (03) green (03) grey, smoke (04) amber, yellow (05) blue (05) plue (06) reflective (any color) (97) not applicable, no face shield (98) other (specify) (99) unknown 13. Do You Own This Helmet? (00) no (01) yes (07) not applicable, no helmet (98) other (specify) (99) unknown (13) chrome, metallic (97) not applicable, no helmet (98) other (specify) (99) unknown (10) promage (10) clear (20) green (30) grey, smoke (40) amber, yellow (50) blue (50) blue (50) plue (50) portage (50) promage (50) proma	10. What Is the Type of Helmet Coverage?	14. How Well Does This Helmet Fit?
(02) full-facial coverage (03) full-facial coverage, emovable chin bar (05) full-facial coverage, removable chin bar (06) full-facial coverage, integral chin bar and face shield (07) open-face helmet with flat wrapround face shield (08) open-face helmet with bubble-type face shield (09) open-face helmet with bubble-type face shield (09) open-face helmet with volface shield (09) open-face helmet with volface shield (09) open-face helmet with volface shield (09) open-face helmet with rowable gravel guard (97) not applicable, no helmet (98) other (specify) (99) unknown 11. What Is the Predominant Color of Your Helmet? (01) no dominating color, multicolored (02) white (03) yellow (04) place (05) green (08) silver, grey (08) silver, grey (08) silver, grey (08) silver, grey (09) orange (10) brown, tan (11) purple (12) gold (13) chrome, metallic (97) not applicable, no helmet (99) unknown 12. What Is the Color of the Face Shield? (01) clear (02) green (03) green (03) green (04) green (05) green (05) green (06) frefective (any color) (97) not applicable, no face shield (98) other (specify) (99) unknown 13. Do You Own This Helmet? (00) no (00) no (00) no (00) not applicable, no helmet (99) unknown (00) no (00) not applicable, no helmet (99) unknown (00) no (00) not applicable, no helmet (99) unknown (00) no grips (00) not applicable, no helmet (99) unknown (00) no grips (00) not applicable, no helmet (99) unknown (00) no grips (00) not applicable, no helmet (99) unknown (00) no grips (00) not applicable, no helmet (01) mostly ton long trips (02) most applicable, no helmet (03) grey, smoke (04) unknown (05) precent helmet worn (07) not applicable, no helmet (06) reflective (any color) (07) not applicable, no helmet (08) other (specify) (09) unknown (09) unknown (00) no entire (specify) (00) not applicable, no helmet (01) mostly ton long trips (02) mostly in high-speed highway or freeway traffic (03) grey, smoke (04) unknown (05) precent helmet worn (06) precent helmet worn (07) not applicable, no helmet (08) o	(01) partial coverage	(01) acceptable fit
(03) full-facial coverage, integral chin bar but no face shield (04) full-facial coverage, retractable chin bar (05) full-facial coverage, retractable chin bar (06) full-facial coverage, retractable chin bar (07) open-face helmet with flat wraparound face shield (08) open-face helmet with flat wraparound face shield (09) open-face helmet with removable gravel guard (97) not applicable, no helmet (98) other (specify) (99) unknown 11. What Is the Predominant Color of Your Helmet? (01) no dominating color, multicolored (02) white (03) yellow (04) black (05) red (06) blue (07) green (08) silver, grey (09) onage (10) prown, tan (11) purple (12) gold (13) chrome, metallic (97) not applicable, no helmet (12) gold (13) chrome, metallic (97) not applicable, no helmet (12) gold (13) chrome, metallic (97) not applicable, no helmet (12) green (13) green (13) green (14) green (15) green (15		
(04) contour mismatch (05) full-facial coverage, removable chin bar (06) full-facial coverage, integral chin bar and face shield (07) open-face helmet with bubble-type face shield (08) open-face helmet with bubble-type face shield (09) open-face helmet with bubble-type face shield (09) open-face helmet with bubble-type face shield (09) open-face helmet with visor/face shield combo (10) open-face helmet with removable gravel guard (97) not applicable, no helmet (98) other (specify) (99) unknown 11. What Is the Predominant Color of Your Helmet? (10) no dominating color, multicolored (102) white (103) yellow (104) black (105) red (105) red (106) blue (107) green (108) salver, grey (109) orange (109) orange (100) precent helmet worn (101) purple (120) gold (13) chrome, metallic (197) not applicable, no helmet (198) other (specify) (199) unknown 12. What Is the Color of the Face Shield? 13. What Is the Color of the Face Shield? 14. What Is the Color of the Face Shield? 15. Was the Helmet Retained in Place on Your Head During (101) no, helmet ejected from head during crash (102) no, helmet ejected from head during crash (103) no, helmet ejected from head during crash (105) yes, helmet reved on head but was retained (107) not applicable, no helmet (109) on applicable, no helmet (109) on applicable, no helmet (109) orange (100) no helmet (101) not applicable, no helmet (101) not applicable, no helmet (103) yers, helmet reved on head but was retained (107) not applicable, no helmet (108) orange (109) unknown 15. Was the Helmet Retained in Place on Your Head During (100) no, helmet ejected from head during crash (101) not applicable, no helmet (103) yes, helmet reved on head but was retained (105) yes, helmet reved on head but was retained (107) not applicable, no helmet (108) orange (109) orange (109) orange (109) orange (109) orange (100) not precent helmet worn		
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(06) full-facial coverage, integral chin bar and face shield (07) open-face helmet with bubble-type face shield (08) open-face helmet with visor/face shield combo (10) open-face helmet with removable gravel guard (97) not applicable, no helmet (98) other (specify) (10) not applicable, no face shield combo (11) no dominating color, multicolored (12) white (13) helmet ejected from head during crash (13) no, helmet ejected from head during crash (13) no helmet (13) no helmet retained in place to completion of crash events (15) sys, helmet moved on head but was retained (17) not applicable, no helmet (18) no helmet (19) nuknown (19) nuknown (10) nuknown (10) nuknown (10) nuknown (10) nuknown (11) nuknown (11) nuknown (12) nuknown (13) nuknown (13) nuknown		
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(01) no, helmet ejected from head during pre-crash time period (02) no, helmet ejected from head during pre-crash time period (02) no, helmet ejected from head during crash (03) no, helmet ejected from head after collision (04) yes, helmet rejected from head after collision (04) yes, helmet rejected from head after collision (04) yes, helmet moved on head but was retained (02) white (03) yellow (97) not applicable, no helmet (98) other (specify) (99) unknown (90) not applicable, no face shield (90) not applicable, no face shield (90) not applicable, no helmet (98) other (specify) (99) unknown (99) unknown (90) not applicable, no helmet (98) other (specify) (99) unknown (90) not applicable, no helmet (98) other (specify) (99) unknown (90) not applicable, no helmet (98) other (specify) (99) unknown (90) not applicable, no helmet (98) other (specify) (99) unknown (90) not applicable, no helmet (98) other (specify) (99) unknown (90) not applicable, no helmet (98) other (specify) (99) unknown (90) not applicable, no helmet (98) other (specify) (99) unknown (90) not applicable, no helmet (98) other (specify) (99) unknown (90) not applicable, no helmet (98) other (specify) (99) unknown (90) not applicable, no helmet (98) other (specify) (99) unknown (90) unknown (90		(00) no helmet
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(01) no dominating color, multicolored (02) white (03) yellow (04) black (05) red (06) blue (07) green (08) silver, grey (09) orange (10) brown, tan (11) purple (12) gold (13) chrome, metallic (97) not applicable, no helmet (999) unknown 10 on applicable, no helmet (990) unknown 11 purple (12) gold (13) chrome, metallic (99) unknown 12. What Is the Color of the Face Shield? (01) clear (02) green (03) grey, smoke (04) amber, yellow (05) blue (06) reflective (any color) (07) not applicable, no face shield (98) other (specify) (99) unknown (10) orapplicable, no face shield (98) other (specify) (99) unknown (10) orapplicable, no face shield (90) not applicable, no face shield (90) no applicable, no face shield (90) no applicable, no helmet (90) not applicable, no helmet		
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(05) red (06) blue (07) green (08) silver, grey (09) orange (10) brown, tan (11) purple (12) gold (13) chrome, metallic (97) not applicable, no helmet (98) other (specify) (10) clear (02) green (03) grey, smoke (04) amber, yellow (05) blue (06) reflective (any color) (97) not applicable, no face shield (98) other (specify) (99) unknown 13. Do You Own This Helmet? (00) no (01) yes (97) not applicable, no helmet (98) other (specify) (99) unknown 16. What Percentage of Time Do You Wear Your Helmet (When Riding as a Passenger)? (ODDE UP TOFOUR; INPUT (997) not applicable, no helmet (999) unknown 17. Under What Conditions Do You Usually Wear Your Helmet? (CODE UP TO FOUR; INPUT 97 FOR REMAINING RESPONSES 18. What Is the Color of the Face Shield? (00) never uses helmet (01) mostly on long trips (02) mostly in high-speed highway or freeway traffic (03) in adverse weather (04) usually, but not in hot weather (05) always (97) not applicable, no helmet (98) other (specify) (99) unknown (00) no (01) yes (97) not applicable, no helmet (98) other (specify) (99) unknown		
16. What Percentage of Time Do You Wear Your Helmet (07) green (When Riding as a Passenger)? (CODE 000-100 PERCENT (When Riding as a Passenger)? (CODE 000-100 PERCENT (When Riding as a Passenger)? (CODE 000-100 PERCENT (When Riding as a Passenger)? (When Riding as a Passenger (When Riding as a Passe		(>>)
(07) green (When Riding as a Passenger)? (08) silver, grey (CODE 000–100 PERCENT (09) orange (10) brown, tan (000–100) percent helmet worn (11) purple (997) not applicable, no helmet (12) gold (999) unknown (13) chrome, metallic (97) not applicable, no helmet (98) other (specify) (99) unknown 17. Under What Conditions Do You Usually Wear Your Helmet? (20) green (CODE UP TO FOUR; INPUT 97 FOR REMAINING RESPONSES 12. What Is the Color of the Face Shield? (01) clear (02) green (03) grey, smoke (00) never uses helmet (04) amber, yellow (01) mostly on long trips (05) blue (20) mostly in high-speed highway or freeway traffic (06) reflective (any color) (03) in adverse weather (07) not applicable, no face shield (04) usually, but not in hot weather (98) other (specify) (05) always (99) unknown (97) not applicable, no helmet (98) other (specify) (99) unknown (00) no (01) yes (97) not applicable, no helmet (98) other (specify) (99) unknown		16. What Percentage of Time Do You Wear Your Helmet
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(98) other (specify)		
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(01) yes (97) not applicable, no helmet (98) other (specify)	13. Do You Own This Helmet?	
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(97) not applicable, no helmet (98) other (specify)		
(98) other (specify)		
	(98) other (specify)	
	· · · · · · · · · · · · · · · · · · ·	

IMPAIRMENT

IMPAIRMENT	21. How Many Hours of Sleep Did You Have in the 24 Hours Prior to the Crash?
18. Do You Have Any of the Following Permanent Physical	
Conditions?	(00) no sleep
CODE UP TO THREE; INPUT 00 FOR REMAINING	(01–24) number of hours slept
RESPONSES	(98) other (specify)
	(99) unknown
(00) no	22. Did You Drink Any Alcohol or Take Any Drugs or Medications in the 24 Hours Prior to the Crash?
(01) vision reduction or loss	
(02) hearing reduction or loss	(00) no (skip to # 25)
(03) respiratory, cardiovascular condition	(01) alcohol use only (skip to # 25)
(04) paraplegia	(02) drug/medication use only
(05) amputee	(03) combined alcohol and drug/medication use
(06) neurological, epilepsy, stroke	(98) other (specify)
(07) endocrine system, diabetes, digestive system	(99) unknown
(08) infirmity, arthritis, senility	
(98) other (specify)(99) unknown	23. What Type of Drugs Other Than Alcohol?
(22) dikilowii	(00) no drugs other than alcohol
19. At the Time of the Crash, Were You Experiencing Any	(01) stimulant
of the Following?	(02) depressant
CODE UP TO THREE; INPUT 00 FOR REMAINING	(03) drugs taken, type unknown
RESPONSES	(04) multiple drugs taken
	(97) not applicable
	(98) other (specify)
	(99) unknown
(00) no	24. What Is the Source of Drugs Other Than Alcohol?
(01) fatigue	24. What is the Source of Drugs Other Than Alcohor.
(02) hunger	(00) no dwyce othou than alachal
(03) thirst (04) elimination urgency	(00) no drugs other than alcohol (01) prescription
(05) muscle spasm, cramp, itch	
(06) headache, minor malaise, fever	(02) nonprescription, over the counter (03) illegal
(07) siesta syndrome (tired in afternoon)	(97) not applicable
(98) other (specify)	(99) unknown
(99) unknown	(99) ulikilowii
	RIDING/DRIVING EXPERIENCE
20. Were You Concerned About Any of the Following Issues on the Day of the Crash?	25. How Long Have You Been Riding as a Passenger on the
CODE UP TO THREE; INPUT 00 FOR REMAINING	Crash-Involved Motorcycle?
RESPONSES	years months
11357 011025	(00-00) less than 2 weeks
	(01–11) months
	(01–96) years
(00) no problems	(97-97) not applicable, no previous experience, first time
(01) conflict with friends, relatives, divorce, separation	(99-99) unknown
(02) work-related problems	
(03) financial distress	26. How Long Have You Been Riding as a Passenger in Any
(04) school problems	Kind OF Motor Vehicle?
(05) legal, police problems	years months
(06) reward stress	(00-00) less than 2 weeks
(07) traffic conflict, road rage	(01–11) months
(08) death of family or friend	(01–96) years
(98) other (specify)	(97-97) not applicable, no previous experience, first time
(99) unknown	(99-99) unknown

27. How Long Have You Ridden as a Passenger on Any	You Had as a Passenger in the Past 5 Years?
Street Motorcycle	CODE THE TOTAL NUMBER OF PREVIOUS
years months (00-00) less than 2 weeks	MOTORCYCLE CRASHES
(01–11) months	WOTORCTCLL CRASHLS
(01–11) months (01–96) years	(00) none
(97-97) not applicable, no previous experience, first time	(01–96) actual number of crashes
(99-99) unknown	(99) unknown
(55,55) dilitio (11	(>>) diminoi
28. What Is the Average Number of Days per Year You Ride	34. How Many Car or Truck Traffic Crashes Have You Had
as a Passenger on Motorcycles?	as a Passenger in the Past 5 Years?
	CODE THE TOTAL NUMBER OF PREVIOUS CAR OR
(001–365) actual number of days per year	TRUCK CRASHES
(999) unknown	
	(00) none
29. What Kind of Motorcycle Training Have You Had?	(01–96) actual number of crashes
	(99) unknown
(00) none	PROTECTIVE OF OFFICE OF A VINCEN PURISH
(01) State-recognized, entry-level motorcycle course	PROTECTIVE CLOTHING/GEAR WHEN RIDING
(02) experienced-rider course	25 XXII - 4 XX - 1 - 6 CN - 41 XX X II
(03) high-performance/competitive-track course	35. What Kind of Clothing Was on Your Upper Body?
(04) self-taught	(00) (1: 4 27)
(05) taught by family and/or friends	(00) none (skip to # 37)
(98) other (specify)	(01) light cloth garment (e.g., thin cotton) (02) medium cloth garment (e.g., denim, nylon)
(99) unknown	(03) heavy cloth garment (e.g., imitation leather)
30. When You Travel as a Passenger, What Is the	(04) leather garment
Percentage of Time You Ride on a Motorcycle Versus	(05) Kevlar
Riding as a Passenger in Another Type of Vehicle?	(06) armored nylon mesh
INDICATE PERCENTAGE OF TOTAL RIDING TIME	(07) off-road, molded body armor
AS A PASSENGER FOR EACH CATEGORY	(08) armored leather
Motorcycle	(98) other (specify)
Other-Vehicle Type	(99) unknown
100%	
(000) first-time use	36. Was This Upper-Body Clothing Motorcycle Oriented?
(001–100) actual percentage of time	
(997) not applicable	(00) no
(999) unknown	(01) yes
	(97) not applicable, no clothing
31. When You Ride a Motorcycle as a Passenger, What Is	(98) other (specify)
the Percentage of Time It Is for Each of these	(99) unknown
Categories?	
INDICATE PERCENTAGE OF TOTAL RIDING TIME	37. What Kind of Clothing Was on Your Lower Body?
AS A PASSENGER FOR EACH CATEGORY	(00) (1: (# 20)
Recreation	(00) none (skip to # 39)
Basic Transportation	(01) light cloth garment (e.g., thin cotton) (02) medium cloth garment (e.g., denim, nylon)
(000) first-time use	(03) heavy cloth garment (e.g., imitation leather)
(001–100) actual percentage of time	(04) leather garment
(997) not applicable	(05) Kevlar
(999) unknown	(06) armored nylon mesh
(777) ulikilowii	(07) off-road, molded body armor
32. How Much Experience Do You Have Riding as a	(98) other (specify)
Passenger on Motorcycles?	(99) unknown
	(**/
(00) never rode as a passenger before	38. Was This Lower-Body Clothing Motorcycle Oriented?
(01) very little experience	
(02) moderate experience	(00) no
(03) extensive experience	(01) yes
(98) other (specify)	(97) not applicable, no clothing
(99) unknown	(98) other (specify)
	(99) unknown

39. Were You Wearing an Inflatable Safety Vest?	45. Is Any of This Clothing Retroreflective? CODE UP TO THREE RESPONSES
(00) no	CODE OF TO THREE RESPONSES
(01) yes	
(98) other (specify)	
(99) unknown	(00) no retroreflective clothing or gloves
(77) unknown	(01) upper body (shirt/jacket/vest)
40. What Kind of Shoes or Boots Were You Wearing?	(02) lower body (shift/jacket/vest)
40. What Kind of Shoes of Doots Were Tou Wearing.	
(00) no choos or hoots borrefoot (drip to # 42)	(03) gloves
(00) no shoes or boots, barefoot (skip to # 43)	(04) special arm bands or similar items
(01) light sandal	(97) not applicable, no clothing or gloves worn
(02) medium street shoe, loafer	(98) other (specify)
(03) athletic, training shoe	(99) unknown
(04) heavy shoe or boot	
(05) reinforced work boot or motorcycle boot	46. What Is the Clothing Color of the Following?
(98) other (specify)	Upper-Body Clothing
(99) unknown	Lower-Body Clothing
	Footwear
41. Did This Footwear Go up Over Your Ankle?	Gloves
	(01) no dominating color, multicolored
(00) no	(02) white
(01) yes	(03) yellow
(97) not applicable, no footwear worn	(04) black
(98) other (specify)	(05) red
(99) unknown	(06) blue
(>>) ummo (n	(07) green
42. Was the Footwear Motorcycle Oriented?	(08) silver
12. Was the 1 outwear Motorey etc Offeneda.	
(00) no	(09) orange
(01) yes	(10) brown
	(11) purple
(97) not applicable, no footwear worn	(12) gold
(99) unknown	(13) grey
42 William IV: 1 . C.C	(97) not applicable, no clothing
43. What Kind of Gloves Were You Wearing?	(98) other (specify)
(00) (1: 4 #45)	(99) unknown
(00) none (skip to # 45)	45 XXII 4 XXI X 0 XX XX XX XX XX
(01) light cloth garment (e.g., thin cotton)	47. What Kind of Eye Protection Were You Wearing at the
(02) medium cloth garment (e.g., denim, nylon)	Time of the Crash?
(03) heavy cloth garment (e.g., imitation leather)	
(04) leather garment	(00) none (skip to # 49)
(05) Kevlar	(01) clear, nonprescription glasses
(06) armored nylon mesh	(02) clear, prescription glasses
(07) off-road, molded body armor	(03) nonprescription sunglasses
(98) other (specify)	(04) prescription sunglasses
(99) unknown	(05) goggles, nonprescription
	(06) goggles, prescription
44. Are the Gloves Motorcycle Oriented?	(07) industrial safety glasses
	(98) other (specify)
(00) no	(99) unknown
(01) yes, full-fingered	
(02) yes, shorties	48. What Color Was the Eye Coverage Lens?
(97) not applicable, no gloves worn	
(98) other (specify)	(01) clear
(99) unknown	(02) green
(/// **********************************	(02) green (03) grey, smoke
	(04) amber, yellow
	(05) blue
	(06) reflective (any color)
	(97) not applicable, not wearing eye coverage
	(98) other (specify)
	(99) unknown

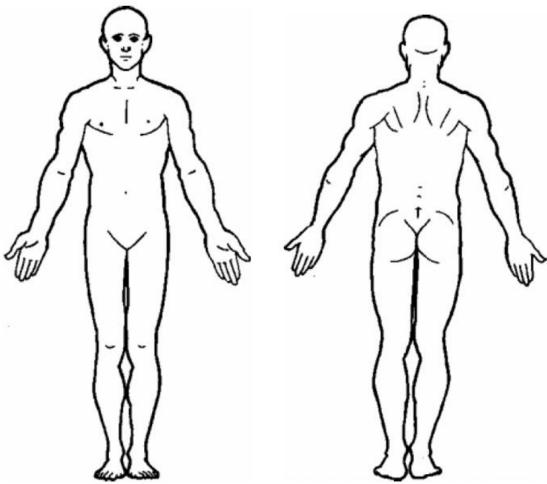
49. Were You Injured in This Crash?	54. What Year Was/Were the License(s) Issued? LIST IN THE SAME ORDER AS # 53
(00) no injuries (skip to # 51)	·
(01) yes	
(99) unknown	
50. What Kind of Medical Treatment Did You Receive?	(1000, 2100) potual vices
30. What Kind of Medical Treatment Did Tou Receive.	(1900–2100) actual year (9997) not applicable, no license
(00) no treatment	(9999) unknown
(01) on-scene emergency care only	
(02) treated and released at hospital/trauma center	55. Are You of Hispanic or Latino Origin?
(03) admitted to hospital/trauma center	
(04) walk-in clinic	(00) no
(05) private physician (97) not applicable, no injury	(01) yes
(98) other (specify)	(02) refused to answer
(99) unknown	(98) other (specify)(99) unknown
(77) umulo (11	(99) unknown
BACKGROUND INFORMATION	56. What Is Your Race?
	CODE UP TO THREE; INPUT 97 FOR REMAINING
51. How Old Were You at the Time of the Crash?	RESPONSES
CODE ACTUAL AGE	
(01–96) actual age	
(99) unknown	(01) White
	(02) Black or African American
52. Where Did You Get Your Current Driver's License?	(03) Asian
	(04) Native Hawaiian or other Pacific Islander
(00) no license	(05) American Indian or Alaska native
(01) Canada	(06) refused to answer
(02) California	(97) not applicable (98) other (specify)
(03) other State (list)(04) military	(99) unknown
(97) no license required (49cc scooter)	(77) dikilowii
(98) other (specify)	57. What Is Your Height?
(99) unknown	feet inches
	(01–12) actual number of feet and inches
53. What Kind of Operator's License Is It?	(09-99) unknown
CODE UP TO FOUR; INPUT 97 FOR REMAINING	50 What Is Varm Waight in Daniel 19
RESPONSES	58. What Is Your Weight in Pounds?
	(001–996) actual weight in pounds
	(999) unknown
<u> </u>	70 WH 41 W C 1 0
(00) no license held	59. What Is Your Gender?
(01) learner's permit only	(01) male
(02) motorcycle license (03) automobile license	(02) female
(04) commercial license	(99) unknown
(05) motorcycle driver and competition license	
(06) license to transport people	60. How Much Formal Education Have You Had?
(07) heavy-truck license	
(97) not applicable	(00) no formal schooling
(98) other (specify)	(01) less than high school diploma (02) high school diploma or GED
(99) unknown	(02) nigh school diploma or GED (03) partial college/university
	(04) college/university graduate
	(05) graduate school, advanced degree, professional degree
	(06) specialty/technical school
	(98) other (specify)
	(99) unknown

61. What Is Your Current Occupation?	63. How Many Children Do You Have?	
(01) management	(00) none	
(02) business and financial	(01) one	
(03) computer and mathematical	(02) two	
(04) architecture and engineering	(03) three	
(05) life, physical, and social sciences	(04) four	
(06) community and social services	(05) five	
(07) legal	(06) six or more	
(08) education, training, or library	(98) other (specify)	
(09) arts, design, entertainment, sports, or media	(99) unknown	
(10) healthcare practitioners and technical jobs		
(11) healthcare support	64. Blood Alcohol Concentration (BAC)?	
(12) protective services	CODE RESULTS IN mg/100 ml	
(13) food preparation, serving, and related		
(14) building and grounds maintenance	(000) negative BAC	
(15) personal care and services	(001-900) test results in mg/100 ml	
(16) sales and related	(995) BAC tested, results not known	
(17) office and administrative support	(996) BAC not tested	
(18) farming, fishing, or forestry	(998) other (specify)	
(19) construction or extraction	(999) unknown	
(20) installation, maintenance, or repair		
(21) transportation and material moving	65. Source of BAC Information?	
(22) military		
(23) full-time student	(00) not tested	
(97) not applicable, not in workforce at present	(01) breath test	
(98) other (specify)	(02) unknown if tested	
(99) unknown	(03) tested, results unknown	
	(04) tested, results not available	
62. Are You Married?	(05) official records/ER/autopsy/PAR	
<u>-</u>	(98) other (specify)	
(01) single	(99) unknown	
(02) married		
(03) separated		
(04) divorced		
(05) widowed		
(06) cohabitating		
(98) other (specify)		

(99) unknown

INJURY DATA—SOFT TISSUE INJURIES

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

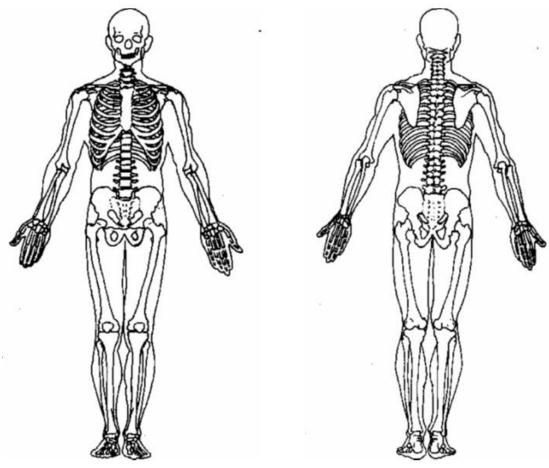


Source: OECD.

Figure 8. Illustration. Motorcycle passenger—front and back of human body.

INJURY DATA—SKELETAL INJURIES

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

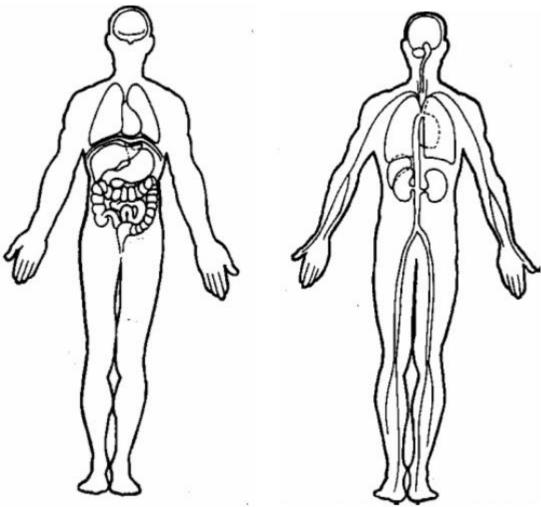


Source: OECD.

Figure 9. Illustration. Motorcycle passenger—front and back of human body with skeleton.

INJURY DATA—INTERNAL INJURIES

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



Source: OECD.

Figure 10. Illustration. Motorcycle passenger—front and back of human body with internal organs.

A-7. CONTROL MOTORCYCLE PASSENGER DATA-COLLECTION FORM

The following form is a blank form.

Control Motorcycle Passenger Form	Case Number
	Control MC Passenger Number
HELMET DATA	6. What Type of Helmet Is It?
1. Before This Interview, Were You Wearing a Helmet?	(00) not a motorcycle helmet
(00)	(01) half/police motor vehicle, motorcycle helmet
(00) no (01) yes (skip to # 4)	(02) open-face motor vehicle, motorcycle helmet
(02) helmet available but not used	(03) full-face motor vehicle, motorcycle helmet
(98) other (specify)	(04) novelty or beanie helmet
(99) unknown	(97) not applicable, no helmet
(55) diikilowii	(98) other (specify)
2. What Is Your Reason for Not Wearing a Helmet?	(99) unknown
	6(A). Conformity to Which Qualification?
(01) not required by law	CODE ALL THAT APPLY; INPUT 97 FOR
(02) no expectation of crash involvement	REMAINING RESPONSES
(03) helmets are too expensive	
(04) helmets are inconvenient and uncomfortable (05) helmets reduce traffic awareness, limit hearing and vision	
(06) helmets are ineffective in reducing head injury	
(07) helmets cause neck injury	
(08) helmets cannot be used, physical or religious reasons	(01) no standards labeled
(09) do not own a helmet	(02) ISO
(10) forgot to bring helmet today	(03) ECE-22-02
(97) not applicable, rider is wearing a helmet	(04) ECE-22-03 (05) ECE-22-04
(98) other (specify)	(06) E04 (EU)
(99) unknown	(07) BS6658A
	(08) BS6658B
3. Do You Ever Wear a Helmet?	(09) JIS-A
(00) no (clair to # 14)	(10) JIS-B
(00) no (skip to # 14) (01) yes (skip to # 12)	(11) JIS-C
(02) occasionally (skip to # 12)	(12) FMVSS 218
(97) not applicable, passenger is wearing a helmet	(13) SNELL M85
(98) other (specify)	(14) SNELL M90
(99) unknown	(15) ANSI Z90.1 (16) CSA D230
	(17) TUV
4. Was/Is Your Helmet Properly Adjusted on Your Head?	(18) DGM (Italy)
	(19) NF (France)
(00) no	(20) ASA (Australia)
(01) yes	(21) CEN
(97) not applicable, no helmet	(22) FIM
(98) other (specify)(99) unknown	(23) SEI
(//) unknown	(24) M6.1 (Malay)
5. Was/Is Your Helmet Securely Fastened to Your Head?	(25) NZS (1214, 1215) (26) SSA # 9 (Singapore)
2002 2004	(20) SSA # 9 (Singapore) (27) USDOT
(00) no	(98) other (specify)
(01) yes	(99) unknown
(97) not applicable, no helmet	
(98) other (specify)	
(99) unknown	

7. What Is the Type of Helmet Coverage?	12. What Percentage of Time Do You Wear Your Helmet (When Riding as a Passenger)?
(01) partial coverage	CODE 000–100 PERCENT
(02) full coverage	(000, 100)
(03) full-facial coverage, integral chin bar but no face shield	(000–100) percent helmet worn
(04) full-facial coverage, removable chin bar (05) full-facial coverage, retractable chin bar	(997) not applicable, no helmet (999) unknown
(06) full-facial coverage, integral chin bar and face shield	(999) ulikilowii
(07) open-face helmet with flat wraparound face shield	13. Under What Conditions Do You Usually Wear Your
(08) open-face helmet with bubble-type face shield	Helmet?
(09) open-face helmet with visor/face shield combo	CODE UP TO FOUR; INPUT 97 FOR
(10) open-face helmet with removable gravel guard	REMAINING RESPONSES
(98) other (specify)	
(99) unknown	
8. What Is the Predominant Color of Your Helmet?	
00 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(00) never uses helmet
(01) no dominating color, multicolored	(01) mostly on long trips
(02) white	(02) mostly in high-speed highway or freeway traffic
(03) yellow	(03) in adverse weather
(04) black	(04) usually, but not in hot weather
(05) red	(05) always
(06) blue	(97) not applicable, no helmet
(07) green	(98) other (specify)
(08) silver, grey (09) orange	(99) unknown
(10) brown, tan	IMPAIRMENT
(11) purple	INIT AIRIVIENI
(12) gold	14. Do You Have Any of the Following Permanent Physical
(13) chrome, metallic	Conditions?
(97) not applicable, no helmet	CODE UP TO THREE; INPUT 00 FOR REMAINING
(98) other (specify)	RESPONSES
(99) unknown	
9. What Is the Color of the Face Shield?	
	(00) no
(01) clear	(01) vision reduction or loss
(02) green	(02) hearing reduction or loss
(03) grey, smoke	(03) respiratory, cardiovascular condition
(04) amber, yellow (05) blue	(04) paraplegia
(05) blue (06) reflective (any color)	
	(05) amputee
	(06) neurological, epilepsy, stroke
(97) not applicable, no face shield	(06) neurological, epilepsy, stroke(07) endocrine system, diabetes, digestive system
	(06) neurological, epilepsy, stroke(07) endocrine system, diabetes, digestive system(08) infirmity, arthritis, senility
(97) not applicable, no face shield (98) other (specify)	(06) neurological, epilepsy, stroke(07) endocrine system, diabetes, digestive system(08) infirmity, arthritis, senility(98) other (specify)
(97) not applicable, no face shield (98) other (specify)	(06) neurological, epilepsy, stroke(07) endocrine system, diabetes, digestive system(08) infirmity, arthritis, senility
(97) not applicable, no face shield (98) other (specify) (99) unknown 10. Do You Own This Helmet?	(06) neurological, epilepsy, stroke(07) endocrine system, diabetes, digestive system(08) infirmity, arthritis, senility(98) other (specify)
(97) not applicable, no face shield (98) other (specify) (99) unknown	(06) neurological, epilepsy, stroke(07) endocrine system, diabetes, digestive system(08) infirmity, arthritis, senility(98) other (specify)
(97) not applicable, no face shield (98) other (specify) (99) unknown 10. Do You Own This Helmet? (00) no (01) yes (97) not applicable, no helmet	(06) neurological, epilepsy, stroke(07) endocrine system, diabetes, digestive system(08) infirmity, arthritis, senility(98) other (specify)
(97) not applicable, no face shield (98) other (specify) (99) unknown 10. Do You Own This Helmet? (00) no (01) yes (97) not applicable, no helmet (98) other (specify)	(06) neurological, epilepsy, stroke(07) endocrine system, diabetes, digestive system(08) infirmity, arthritis, senility(98) other (specify)
(97) not applicable, no face shield (98) other (specify) (99) unknown 10. Do You Own This Helmet? (00) no (01) yes	(06) neurological, epilepsy, stroke(07) endocrine system, diabetes, digestive system(08) infirmity, arthritis, senility(98) other (specify)
(97) not applicable, no face shield (98) other (specify) (99) unknown 10. Do You Own This Helmet? (00) no (01) yes (97) not applicable, no helmet (98) other (specify)	(06) neurological, epilepsy, stroke(07) endocrine system, diabetes, digestive system(08) infirmity, arthritis, senility(98) other (specify)
(97) not applicable, no face shield (98) other (specify) (99) unknown 10. Do You Own This Helmet? (00) no (01) yes (97) not applicable, no helmet (98) other (specify) (99) unknown 11. How Well Does This Helmet Fit?	(06) neurological, epilepsy, stroke(07) endocrine system, diabetes, digestive system(08) infirmity, arthritis, senility(98) other (specify)
(97) not applicable, no face shield (98) other (specify) (99) unknown 10. Do You Own This Helmet? (00) no (01) yes (97) not applicable, no helmet (98) other (specify) (99) unknown	(06) neurological, epilepsy, stroke(07) endocrine system, diabetes, digestive system(08) infirmity, arthritis, senility(98) other (specify)
(97) not applicable, no face shield (98) other (specify) (99) unknown 10. Do You Own This Helmet? (00) no (01) yes (97) not applicable, no helmet (98) other (specify) (99) unknown 11. How Well Does This Helmet Fit? (01) acceptable fit (02) too large, too loose (03) too small, too tight	(06) neurological, epilepsy, stroke(07) endocrine system, diabetes, digestive system(08) infirmity, arthritis, senility(98) other (specify)
(97) not applicable, no face shield (98) other (specify) (99) unknown 10. Do You Own This Helmet? (00) no (01) yes (97) not applicable, no helmet (98) other (specify) (99) unknown 11. How Well Does This Helmet Fit? (01) acceptable fit (02) too large, too loose (03) too small, too tight (97) not applicable, no helmet	(06) neurological, epilepsy, stroke(07) endocrine system, diabetes, digestive system(08) infirmity, arthritis, senility(98) other (specify)
(97) not applicable, no face shield (98) other (specify) (99) unknown 10. Do You Own This Helmet? (00) no (01) yes (97) not applicable, no helmet (98) other (specify) (99) unknown 11. How Well Does This Helmet Fit? (01) acceptable fit (02) too large, too loose (03) too small, too tight	(06) neurological, epilepsy, stroke(07) endocrine system, diabetes, digestive system(08) infirmity, arthritis, senility(98) other (specify)

15. When You Were Just Riding, Were You Experiencing Any of the Following? CODE UP TO THREE; INPUT 00 FOR REMAINING	19. Did You Take Any Type of Drugs Other Than Alcohol?
RESPONSES	(00) no drugs other than alcohol
	(01) stimulant
<u> </u>	(02) depressant
	(03) drugs taken, type unknown
(00) no	(04) multiple drugs taken
(01) fatigue	(97) not applicable
(02) hunger	(98) other (specify)
(03) thirst	(99) unknown
(04) elimination urgency (05) muscle spasm, cramp, itch	An avier a vice all a Communication Design Out on The co
(06) headache, minor malaise, fever	20. What Was the Source of these Drugs Other Than Alcohol?
(07) siesta syndrome (tired in afternoon)	Alcohol:
(98) other (specify)	(00) no drugs other than alcohol
(99) unknown	(01) prescription
(>>) ammo	(02) nonprescription, over the counter
16. When You Were Just Riding, Were You Concerned	(03) illegal
About Any of the Following Issues?	(97) not applicable
CODE UP TO THREE; INPUT 00 FOR REMAINING RESPONSES	(99) unknown
	RIDING/DRIVING EXPERIENCE
(00) no problems	21. How Long Have You Been Riding as a Passenger on This Motorcycle?
(01) conflict with friends, relatives, divorce, separation	years months
(02) work-related problems	(00-00) less than 2 weeks
(03) financial distress	(00–11) months
(04) school problems	(00–96) years
(05) legal, police problems	(97-97) not applicable, no previous experience, first time
(06) reward stress	(98-98) other (specify)(99-99) unknown
(07) traffic conflict, road rage (08) death of family or friend	(99-99) ulikilowii
(98) other (specify)	22. How Long Have You Been Riding as a Passenger in Any
(99) unknown	Kind of Motor Vehicle?
(>>)	years months
17. How Many Hours of Sleep Did You Have in the Past	(00 00) less than 2 weeks
24 Hours?	(00–11) months
	(00–96) years
(00) no sleep	(97-97) not applicable, no previous experience, first time
(01–24) number of hours slept	(98-98) other (specify)
(98) other (specify)	(99-99) unknown
(99) unknown	22 Hamilana Hama Van Dildan as a Dagaan an Ama
40 PMW PMM ALL II THE A	23. How Long Have You Ridden as a Passenger on Any Street Motorcycle?
18. Did You Drink Any Alcohol or Take Any Drugs or	years months
Medications in the Past 24 Hours?	(00 00) less than 2 weeks
(00) no (skip to # 21)	(00–11) months
(01) alcohol use only (skip to # 21)	(00–96) years
(02) drug/medication use only	(97-97) not applicable, no previous experience, first time
(03) combined alcohol and drug/medication use	(98-98) other (specify)
(98) other (specify)	(99-99) unknown
(99) unknown	
	24. What Is the Average Number of Days per Year You Ride as a Passenger on Motorcycles?
	(001–365) actual number of days per year (999) unknown

25. What Kind of Motorcycle Training Have You Had?	30. How Many Car or Truck Traffic Crashes Have You Had
	as a Passenger in the Past 5 Years?
(00) none	CODE THE TOTAL NUMBER OF PREVIOUS CAR OR
(01) State-recognized, entry-level motorcycle course	TRUCK CRASHES
(02) experienced-rider course	
(03) high-performance/competitive-track course	(00) none
(04) self-taught	(01–96) actual number of crashes
(05) taught by family and/or friends	(99) unknown
(98) other (specify)	
(99) unknown	PROTECTIVE CLOTHING/GEAR WHEN RIDING
26. When You Travel as a Passenger, What Is the	31. What Kind of Clothing Is on Your Upper Body?
Percentage of Time You Ride on a Motorcycle Versus	
Riding as a Passenger in Another Type of Vehicle?	(00) none (skip to # 35)
INDICATE PERCENTAGE OF TOTAL RIDING TIME	(01) light cloth garment (e.g., thin cotton)
AS A PASSENGER FOR EACH CATEGORY	(02) medium cloth garment (e.g., denim, nylon)
Motorcycle	(03) heavy cloth garment (e.g., imitation leather)
Other-Vehicle Type	(04) leather garment
100%	(05) Kevlar
(000) first-time use	(06) armored nylon mesh
(001–100) actual percentage of time	(07) off-road, molded body armor
(997) not applicable	(08) armored leather
(999) unknown	(98) other (specify)
	(99) unknown
27. When You Ride a Motorcycle as a Passenger, What Is	` '
the Percentage of Time It Is for Each of these Categories?	32. Is This Upper-Body Clothing Motorcycle Oriented?
INDICATE PERCENTAGE OF TOTAL RIDING TIME	(00) no
AS A PASSENGER FOR EACH CATEGORY	(00) no (01) yes
	(97) not applicable, no clothing
RecreationBasic Transportation	
100%	(98) other (specify)
	(99) unknown
(000) first time use	
(001–100) actual percent	33. What Kind of Clothing Is on Your Lower Body?
(997) not applicable	·
(999) unknown	(00) none (skip to # 35)
	(01) light cloth garment (e.g., thin cotton)
28. How Much Experience Do You Have Riding as a	(02) medium cloth garment (e.g., denim, nylon)
Passenger on Motorcycles?	(03) heavy cloth garment (e.g., imitation leather)
	(04) leather garment
(00) never rode as a passenger before	(05) Kevlar
(01) very little experience	
(02) moderate experience	(06) armored nylon mesh
(03) extensive experience	(07) off-road, molded body armor
(98) other (specify)	(98) other (specify)
(99) unknown	(99) unknown
29. How Many Motorcycle Moving Traffic Crashes Have	34. Is This Lower-Body Clothing Motorcycle Oriented?
You Had as a Passenger in the Past 5 Years?	
CODE THE TOTAL NUMBER OF PREVIOUS	(00) no
MOTORCYCLE CRASHES	(01) yes
oronoroll on bills	(97) not applicable, no clothing
(00) none	(98) other (specify)
(00) none	(99) unknown
(01–96) actual number of crashes	
(99) unknown	35. Are You Wearing an Inflatable Safety Vest?
	(00) no
	(01) yes
	(98) other (specify)
	(99) unknown
	(>>) within wit

36. What Kind of Shoes or Boots Are You Wearing?	42. What Is the Clothing Color of the Following?
	Upper-Body Clothing
(00) no shoes or boots, barefoot (skip to #39)	Lower-Body Clothing
(01) light sandal	Footwear
(02) medium street shoe, loafer	Gloves
(03) athletic, training shoe	(01) no dominating color, multicolored
(04) heavy shoe or boot	(02) white
(05) reinforced work boot or motorcycle boot	(03) yellow
(98) other (specify)	(04) black
(99) unknown	(05) red
	(06) blue
37. Does This Footwear Go up Over Your Ankle?	(07) green
on 2000 Imp I out to up one I roun immer	(08) silver
(00) no	(09) orange
(01) yes	(10) brown
(97) not applicable, no footwear worn	(11) purple
	(12) gold
(98) other (specify)	
(99) unknown	(13) grey
20 1 4 5 4 10 4 10	(97) not applicable, no clothing
38. Is the Footwear Motorcycle Oriented?	(98) other (specify)
 -	(99) unknown
(00) no	
(01) yes	43. What Kind of Eye Protection Are You Wearing Now?
(97) not applicable, no footwear worn	
(99) unknown	(00) none (skip to # 45)
	(01) clear, nonprescription glasses
39. What Kind of Gloves Are You Wearing?	(02) clear, prescription glasses
	(03) nonprescription sunglasses
(00) none (skip to # 41)	(04) prescription sunglasses
(01) light cloth garment (e.g., thin cotton)	(05) goggles, nonprescription
(02) medium cloth garment (e.g., denim, nylon)	(06) goggles, prescription
(03) heavy cloth garment (e.g., imitation leather)	(07) industrial safety glasses
(04) leather garment	(98) other (specify)
(05) Kevlar	(99) unknown
(06) armored nylon mesh	(>>) dililio () i
(07) off-road, molded body armor	44. What Color Is the Eye-Coverage Lens?
(98) other (specify)	44. What Color is the Lyc-Coverage Lens.
(99) unknown	(01) clear
(77) ulikilowii	(01) clear (02) green
40. Are the Cleves Metanovele Oriented?	, , ,
40. Are the Gloves Motorcycle Oriented?	(03) grey, smoke
(00)	(04) amber, yellow
(00) no	(05) blue
(01) yes, full-fingered	(06) reflective (any color)
(02) yes, shorties	(97) not applicable, not wearing eye coverage
(97) not applicable, no gloves worn	(98) other (specify)
(98) other (specify)	(99) unknown
(99) unknown	
	BACKGROUND INFORMATION
41. Is Any of This Clothing Retroreflective?	
CODE UP TO THREE RESPONSES	45. How Old Are You?
	CODE ACTUAL AGE IN YEARS
	<u> </u>
	(01–96) actual age in years
(00) no retroreflective clothing or gloves	(99) unknown
(01) upper body (shirt/jacket/vest)	
(02) lower body (pants/shorts)	
(03) gloves	
(04) special arm bands or similar items	
(97) not applicable, no clothing or gloves worn	
(98) other (specify)	
(99) unknown	

46. Where Did You Get Your Current Driver's License?	50. What Is Your Race? CODE UP TO THREE; INPUT 97 FOR REMAINING
(00) no license	RESPONSES
(01) Canada	
(02) California	
(03) other State (list)	
(04) military	(01) White
(97) no license required (49cc scooter)	(02) Black or African American
(98) other (specify)	(03) Asian
(99) unknown	(04) Native Hawaiian or other Pacific Islander
	(05) American Indian or Alaska Native
47. What Kind of Operator's License Is It?	(06) refused to answer
CODE UP TO FOUR; INPUT 97 FOR REMAINING	(97) not applicable
RESPONSES	(98) other (specify)
	- (99) unknown
	(99) difficient
	51. What Is Your Height?
(00) no license held	(01–12) actual number of feet and inches
(01) learner's permit only	(09-99) unknown
(02) motorcycle license	
(03) automobile license	52. What Is Your Weight?
(04) commercial license	
(05) motorcycle driver and competition license	(001–996) actual weight in pounds
(06) license to transport people	(999) unknown
(07) heavy-truck license	
(97) not applicable	53. What Is Your Gender?
(98) other (specify)	
(99) unknown	(01) male
40 3371 4 37 337 43 41 4 4 7 4 10	(02) female
48. What Year Was/Were the License(s) Issued?	(99) unknown
LIST IN THE SAME ORDER AS # 47	
	54. How Much Formal Education Have You Had?
	(00) no formal schooling
	(oo) no format sensoring
(1900–2100) actual year	(02) high school diploma or GED
(9997) not applicable	(03) partial college/university
(9999) unknown	(04) college/university graduate
	(05) graduate school, advanced degree, professional degree
49. Are You of Hispanic or Latino Origin?	(06) specialty/technical school
	(00) specially/technical school
(00) no	(98) other (specify)(99) unknown
(01) yes	(99) ulikilowii
(02) refused to answer	
(98) other (specify)	
(99) unknown	

55. What Is Your Current Occupation? 57. How Many Children Do You Have? (01) management (00) none (02) business and financial (01) one (03) computer and mathematical (02) two (04) architecture and engineering (03) three (05) life, physical, and social sciences (04) four (06) community and social services (05) five (07) legal (06) six or more (08) education, training, or library (98) other (specify) (09) arts, design, entertainment, sports, or media (99) unknown (10) healthcare practitioners and technical jobs (11) healthcare support 58. Blood Alcohol Concentration (BAC)? (12) protective services CODE RESULTS IN mg/100 ml (13) food preparation, serving, and related (14) building and grounds maintenance (000) negative BAC (15) personal care and services (001–900) test results in mg/100 ml (16) sales and related (995) BAC tested, results not known (17) office and administrative support (996) BAC not tested (18) farming, fishing, or forestry (998) other (specify) (19) construction or extraction (999) unknown (20) installation, maintenance, or repair (21) transportation and material moving 59. Source of BAC Information? (22) military (23) full-time student (00) not tested (97) not applicable, not in workforce at present (01) breath test (98) other (specify) (02) unknown if tested (99) unknown (03) tested, results unknown (04) tested, results not available 56. Are You Married? (98) other (specify)

(01) single (02) married (03) separated (04) divorced (05) widowed (06) cohabitating (98) other (specify) _ (99) unknown (99) unknown

A-8. MOTORCYCLE MECHANICAL DATA-COLLECTION FORM

The following form is a blank form.

Motorcycle Mechanical Form	Case Number
SPECIFICATIONS	7. Vehicle Identification Number
1. Manufacturer WRITE IN; DO NOT CODE	(99999999999) unknown
2. Model	8. Odometer Reading in Miles
WRITE IN; DO NOT CODE	(000001–999996) actual number of miles (999999) unknown
3. Year	9. Registered-Owner Category
CODE THE FOUR-DIGIT YEAR	(01) motorcycle rider (02) motorcycle passenger
(1900–(current year + 1)) (9999) unknown	(03) operated with consent of owner (04) dealer (05) stolen
4. Motorcycle Legal Category	(97) not applicable, no registration available (98) other (specify)
(01) L1 vehicle (02) L3 vehicle (03) mofa (98) other (specify)	(99) unknown 10. Predominant Color of Motorcycle
(98) other (specify)(99) unknown	(00) no dominating color, multicolored (01) white
5. Motorcycle Type	(02) yellow (03) black
(01) conventional street L1 or L3 vehicle (tank between knees), without modifications	(04) red (05) blue (06) green
(02) conventional street L1 or L3 vehicle (tank between knees), with modifications	(07) silver, grey (08) orange
(03) dual-purpose, on-road-off-road motorcycle (04) sport, race replica (05) cruiser	(09) brown, tan (10) purple
(06) chopper, modified chopper (07) touring	(11) gold (12) chrome, metallic (98) other (specify)
(08) scooter (09) step-through	(99) unknown
(10) sport-touring (11) motorcycle plus sidecar, left (12) motorcycle plus sidecar, right	11. Did the Motorcycle Have Any Retroreflective Parts, Material, or Paint?
(13) off-road motorcycle, motocross, enduro, trials (14) tricycle	(00) no, none (01) yes
(15) law enforcement (98) other (specify) (99) unknown	(98) other (specify)(99) unknown
6. Motorcycle Weight	12. Motor Displacement CODE IN CUBIC CENTIMETERS
(0001–9996) actual weight, as specified by manufacturer, in pounds (9999) unknown	(0001–9996) actual number

(9999) unknown

13. Number of Cylinders	18. Rear-Tire Measurement		
CODE NUMBER OF CYLINDERS	(99999999) unknown		
(01–96) actual number of cylinders			
(99) unknown	19. Tire Manufacturer		
MECHANICAL PROBLEMS		Front _	
MECHANICAL I ROBLEMS	(A1) Avon	Rear	
14. Symptom of Problem	(B1) Bridgestone		
	(C1) Cheng Shin		
(00) none	(C2) Continental		
(01) stopped in traffic	(D1) Dico		
(02) front-wheel lockup	(D2) Dunlop		
(03) rear-wheel lockup	(F1) Firestone		
(04) power loss (05) speed-control problem	(G1) Goodyear		
(06) loss of control	(H1) Hutchinson (I1) IRC		
(07) uncontrolled acceleration or deceleration	(I2) ITP		
(08) motor stalled	(K1) Kazan		
(09) front axle loose	(K2) Kenda		
(10) rear axle loose	(M1) Metzeler		
(11) front-axle fixing loose	(M2) Michelin		
(12) rear-axle fixing loose	(O1) Ohtsu		
(13) loss of lighting	(P1) Pirelli		
(14) loss of electrical, other than lighting	(S1) Skat Trak		
(98) other (specify)(99) unknown	(S2) Shinko		
(99) ulikilowii	(98) other (specify)(99) unknown		_
15. Source of Problem	(77) unknown		
	20. Rim Size, Front		
(01) fuel starvation	·	X	inches
(02) electrical or ignition failure	$(0-96 \times 0-96)$ actual size of front rim in inches		
(03) mechanical failure of motor components	(9.99×99) unknown		
(04) lubrication (05) cooling system	21. Rim Size, Rear		
(06) stuck or binding throttle		v	inches
(07) seized motor	$(0-96 \times 0-96)$ actual size of rear rim in inches	^	_ menes
(08) transmission	(9.99×99) unknown		
(09) clutch	,		
(10) lighting system	22. Rim Manufacturer		
(11) fuse, circuit breaker			
(12) missing axle security (13) axle bearings	(OF)	Rear	
(14) front-fork pinch bolts	(OE) original equipment (D1) Daido (DID)		
(15) axle adjust screws and set nuts	(D1) Daido (DID) (D2) Douglas		
(97) not applicable, no mechanical problem	(E1) Enkai		
(98) other (specify)	(E2) Excel		
(99) unknown	(S1) Sun		
##P###	(T1) Talon Hubs		
TIRES	(U1) Union		
16. Tire Size Measurement Units	(OT) other (specify)		_
10. The Size Measurement Chies	(99) unknown		
(01) inches	_		
(02) millimeters			
(03) alphanumeric			
(99) unknown			
17. Front-Tire Measurement			
III I III III III III III III III III			

(99999999) unknown

23. Tread Type	28. Suspension Type, Rear
Front	
Rear	(00) none, rigid wheel mount
(00) no tread pattern, slick	(01) conventional fork swing arm, double exterior tubular shocks
(01) straight-rib tread pattern	(02) conventional fork swing arm, mono-shock
(02) block pattern, trials type (03) knobby pattern, motocross type	(03) conventional fork swing arm, linkage-articulated mono-shock (04) one-sided swing arm, single exterior tubular shock
(04) all weather, cross or dog-bone pattern	(05) one-sided swing arm, mono-shock
(05) all weather, diagonal or diamond pattern	(06) one-sided swing arm, linkage-articulated mono-shock
(06) all weather, angle groove	(07) lower suspension
(07) racing design, minimum groove design	(98) other (specify)
(98) other (specify)	(99) unknown
(99) unknown	
	29. Suspension Condition
24. Measured Tread Depth	Front
CODE IN 32NDs	Rear
Front/32nds	(00) no unusual condition; acceptable condition
Rear/32nds	(01) excessive wear in joints, sliders, pivot bolts; excessive
(00–96/32nds) actual tread depth	mobility (02) seals or dampers leaking; deteriorated damping
(99/32nds) unknown	(02) seals of dampers leaking; deteriorated damping (03) loose or missing fasteners, inadequate clamping; excessive
A	flexibility
25. Inflation Pressure	(04) suspension elements damaged prior to accident events
ONLY TAKE PRESSURE IF CONFIDENT THE CRASH	(05) not applicable
DID NOT CAUSE LOSS OF PRESSURE; OTHERWISE CODE 999	(98) other (specify)
Front	(99) unknown
Rear	
(000) completely flat	BRAKE SYSTEM
(001–100) PSI	20 P' 1 P 1 C 4 1T
(999) unknown	30. Rider Brake-Control Type
	Lever/Pedal 1 Lever/Pedal 2
26. Braking Evidence on Tire	(00) none, not present
Front Rear	(01) hand
	(02) foot
(00) none (01) evidence of moderate braking	(99) unknown
(02) evidence of houristic braking without wheel lock up	
(03) evidence of heavy locked-wheel braking, one skid patch	31. Rider Brake-Control Side
(04) evidence of heavy locked-wheel braking, multiple skid patches	Lever/Pedal 1
(98) other (specify)	Lever/Pedal 2
(99) unknown	(01) left
	(02) right (97) not applicable
SUSPENSION	
AT 0	(98) other (specify) (99) unknown
27. Suspension Type, Front	(77) dirkitown
(00)	32. Brake Actuation at Lever or Pedal
(00) none, rigid wheel mount (01) telescoping tube, conventional lower-fork legs	Lever/Pedal 1
(02) telescoping tube, inverted fork legs	Lever/Pedal 2
(03) springer	(01) hydraulic
(04) girder	(02) mechanical
(05) leading link, single- or double-sided	(03) electric
(06) articulated multiple link	(97) not applicable
(07) trailing link, single- or double-sided	(98) other (specify)
(08) telelever (BMW only)	(99) unknown
(09) lower suspension	V - /
(98) other (specify)	
(99) unknown	

33. Brake Control-System Type		39. Brake-Mechanism Actuation	
cet Franc Control System Type	Lever/Pedal 1		Front
	Lever/Pedal 2		Rear
(01) independent front brake		(01) hydraulic	
(02) independent rear brake		(02) mechanical	
(03) combined front and rear brakes, CBS		(03) electric	
(97) not applicable		(04) electric regenerative	
(99) unknown		(97) not applicable	
		(98) other (specify)	
34. Connection to Front Brake Includes	S	(99) unknown	
	Lever/Pedal 1		
	Lever/Pedal 1 Lever/Pedal 2	40. Were Brakes Operational Before Crash?	
(01) no proportioning valve			Front
(02) fixed proportioning valve			Rear
(03) variable proportioning valve		(00) no	
(97) not applicable		(01) yes	
(99) unknown		(99) unknown	
35. Connection to Rear Brake Includes		41. Do the Brakes Appear to be Defective?	
	Lever/Pedal 1		Front
	Lever/Pedal 2		Rear
(01) no proportioning valve		(00) no	
(02) fixed proportioning valve		(01) yes	
(03) variable proportioning valve		(99) unknown	
(97) not applicable			
(99) unknown		42. Brakes Condition/Wear	
A			Front
36. ABS			Rear
	Front	(01) no significant wear	
	Rear		
(00) no		(03) moderate wear to friction surfaces	
(01) yes		(04) severe wear to friction surfaces, replacement	and repair
(97) not applicable		overdue	
(99) unknown		(05) severe deterioration due to wear of friction su	ırfaces
25 A D.C.F.		(06) severe deterioration of operating system	
37. ABS Type	-	(07) brake components damaged prior to accident	events
	Front	(98) other (specify)	
(01) 1 . 1 1 1	Rear	(99) unknown	
(01) electro hydraulic		42 P 1 4 P 4	
(02) hydromechanical		43. Brake Adjustment	.
(03) all hydraulic, fluidic			Front
(04) all mechanical		(00)	Rear
(05) pneumatic hydraulic (06) electromechanical		(00) no maladjustment	. 10
(97) not applicable		(01) improper adjustment, significant control action	on required for
(98) other (specify)		braking action (02) severe adjustment problem	
(99) unknown		(02) severe adjustment problem (03) inoperable due to sabotage	
(77) ulikilowii			
38. Brake Mechanism		(98) other (specify)(99) unknown	
200 Diane Nicellanism	Front	(99) ulikilowii	
	Rear		
(00) none, not present			
(01) caliper/shoe to wheel rim			
(02) drum, single-leading shoe			
(03) drum, double-leading shoe			
(04) single disc, single piston			
(05) single disc, multipiston			
(06) double disc, single-piston			
(07) double disc, multipiston			
(97) not applicable			
(98) other (specify)			
(99) unknown			

FRAME 50. Is Rear Swing Arm Loose? 44. Frame Type/Configuration (00) no (01) yes (01) step-through, formed sheet metal (97) not applicable (02) step-through, tubular frame (99) unknown (03) conventional tube-cradle type with single-down tube (04) conventional tube-cradle type with double-down tubes MISCELLANEOUS COMPONENTS (05) backbone type, motor transmission mounted independently (06) backbone type, motor transmission integral with frame 51. Is the Motorcycle Equipped With Pedals? (07) perimeter frame, tube type (08) perimeter frame, extrusion-element type (00) no (09) monocoque, shell-only structure (01) yes (98) other (specify) (99) unknown (99) unknown 52. Rider Foot Pegs, Footrest Type 45. Frame Material (00) none (01) rigid metal pegs, no covers (01) steel (02) rigid metal pegs, rubber covers (02) aluminum alloy (03) carbon-fiber composite (03) metal folding pegs, no covers (04) other composite (04) metal folding pegs, rubber covers (05) rigid metal footrests, pegs, or footboards (98) other (specify) (06) folding metal footrests, pegs, or footboards (99) unknown (07) accessory highway pegs only (08) scooter footboards 46. Reduction in Wheelbase CODE IN INCHES AND TENTHS (98) other (specify) inches (99) unknown (00.0–99.6) actual number in inches 53. Passenger Foot Pegs, Footrest Type (99.9) unknown 47. Did Front Wheel Displace Against Either the Motor or the (00) none Frame? (01) rigid metal pegs, no covers (02) rigid metal pegs, rubber covers (03) metal folding pegs, no covers (00) no (04) metal folding pegs, rubber covers (01) yes (05) rigid metal footrests, pegs, or footboards (97) not applicable (06) folding metal footrests, pegs, or footboards (99) unknown (07) accessory highway pegs only (08) scooter footboards 48. Steering-Stem Adjustment (98) other (specify) (99) unknown (01) secure, properly tightened (02) overly tightened, control interference 54. Side-Stand Type (03) loose, contributes to control difficulty (04) very loose, control interference (98) other (specify) (00) none (01) original equipment, right side, metal end or pad (99) unknown (02) original equipment, right side, rubber catch pad (03) original equipment, left side, metal end or pad 49. Steering Damper Installed (04) original equipment, left side, rubber catch pad (05) accessory, installed right side (00) none installed or not applicable (06) accessory, installed left side (01) center steering pivot adjustable friction discs (98) other (specify) (02) tubular friction damper

(99) unknown

(03) hydraulic tubular damper, one side

(98) other (specify) _ (99) unknown

(04) hydraulic tubular damper, both sides

55. Center-Stand Type	61. Handlebar Mounting
(00) none	(01) original equipment, solid
(01) original equipment, installed	(02) original equipment, rubber bushing
(02) original equipment, removed	(03) setbacks
(03) ride-off stand installed	(04) dog bones
	(05) risers
(98) other (specify)(99) unknown	(98) other (specify)
(99) ulikilowii	(99) unknown
56. Headlamp Assembly Type	(99) unknown
	62. Handlebar Construction
(00) none	
(01) single headlamp	(01) steel tube
(02) double headlamp	(02) aluminum alloy tube
(03) single with auxiliary lights	(03) titanium alloy tube
(04) double with auxiliary lights	(04) cast steel
(98) other (specify)	(05) forged steel
(99) unknown	(06) cast aluminum alloy
	(07) forged aluminum alloy
57. Was Headlamp Illuminated at the Time of Crash?	(08) composite
	(09) cast steel with steel tube
(00) no	(98) other (specify)
(01) yes, rider controlled	(99) unknown
(02) yes, always-on technology	
(98) other (specify)	63. Handlebar Measurements
(99) unknown	CODE IN INCHES AND TENTHS
	Width
58. Was Motorcycle Equipped With an Airbag?	Rise
	Sweep
(00) no	(00.1–99.6) actual number
(01) yes, but airbag did not deploy	(99.9) unknown
(02) yes, airbag did deploy	
(99) unknown	64. Seat Type
59. Is Motorcycle Equipped With or Pulling Any of the	(01) conventional straddle seat, one level
Following?	(02) straddle type, two level, raised passenger
1 ono wing.	(03) bucket, single seat
(00) no, not applicable	(04) bucket, double seat, one level
(01) side car	(05) bucket, double seat, raised passenger
(02) trailer	(06) single racer seat, tail fairing behind
(03) training wheels	(07) single straddle seat, pillion pad behind
(04) outrigger	(08) single pad, semibench type
(98) other (specify)	(98) other (specify)
(99) unknown	(99) unknown
(22) 4	
60. Handlebar Type	65. Seat Fastening
(01) original aguinment	(00) no seat, not attached
(01) original equipment (02) clip-on, not original equipment	(01) one side hinged, other side latched
(02) chp-on, not original equipment (03) clubman or racer	(02) tank tongue, both sides tab and screw attachment
(04) high-sweep or tiller-type touring	(03) tank tongue with double-claw latch
(05) high rise	(04) forward hinge, button rest on frame, no latch
(06) motocross, off-road	(05) forward hinge, button rest with latch
(98) other (specify)	(06) multiple tab and screw attachment
(96) other (specify)	(07) bolted
(77) UIIKIIUWII	(98) other (specify)
	(99) unknown
	(22) unanown

FUEL TANK 71. Tank Deformation 66. Fuel-Tank Type (00) none (skip to # 74) (01) mild denting (01) saddle (02) moderate denting (02) under seat (03) severe damage (03) submerged in frame (99) unknown (04) perimeter mount (98) other (specify)_ 72. Deformation Source (99) unknown (00) no deformation 67. Fuel-Tank Material (01) contact from motorcyclist's body (02) collision contact from other motorcycle components (01) steel (03) collision contact with other vehicle (02) aluminum alloy (04) collision contact with roadway surface (03) fiberglass composite (05) collision contact with other objects in environment (04) other composite (97) not applicable (05) injection-molded plastic (98) other (specify) (06) injection-molded plastic covered by metal (99) unknown (98) other (specify) (99) unknown 73. Was There a Fuel-Tank Failure? 68. Fuel Tank-Cap Type (00) no (skip to # 75) (01) yes (00) none, cap missing, fuel filler open or stuffed with cloth, rag, (99) unknown rubber ball, etc. (01) external screw type, no cover 74. Tank-Damage/Failure Type (02) external screw type, covered CODE UP TO FOUR; INPUT 00 FOR REMAINING (03) internal screw type, no ratchet, no cover RESPONSES (04) internal screw type, ratchet, no cover (05) internal screw type, ratchet, covered, or recessed (06) exposed bayonet type, no cover, no guard (07) covered, guarded, or recessed bayonet type (08) smooth with tank top surface, covered (01) denting or crushing from blunt impact (09) smooth with tank top surface, no cover (02) laceration or puncture from edge or sharp object (10) monza, flip-up (03) metal tank welds separated (11) press fit cap (04) metal tank welds defect (98) other (specify) ___ (05) metal tank corrosion weakness (99) unknown (06) plastic tank material embrittlement (07) plastic tank mold defect 69. Cap Retention (97) not applicable (98) other (specify) (01) retained securely, no venting or fuel loss from cap (99) unknown (02) not retained, ejected completely from tank body (03) opened but remained attached to tank 75. Was There a Fuel Spill or Leak? (04) displaced sufficiently to allow fuel loss (97) not applicable, cap missing, fuel filler open or stuffed with (00) no (skip to #77) cloth, rag, rubber ball, etc. (01) minor leaks, little or no fire hazard (98) other (specify)___ (02) moderate leak or spill, some fire hazard (99) unknown

70. Tank Retention

(99) unknown

(01) tank completely retained in motorcycle(02) partially separated, displaced from mounting(03) completely separated from mounting position

(03) large quantity of fuel lost with severe fire hazard

(98) other (specify)

(99) unknown

RESPONSES	76. Source of Fuel Spills or Leak	81. Ignition Source for Fire
(22) sliding motorcycle caused friction sparks (23) spittion system, high-tension sparks (24) violation of electrical system other than lights or lamps (25) sights, lamp americals (26) containing materials (27) not applicable, so fire (29) unxiliary fivel tank (20) auxiliary fivel tank (20) auxiliary fivel tank (20) auxiliary fivel tank (20) auxiliary fivel tank (27) not applicable, no fire (29) unknown (27) metalliary fivel tank (29) unknown (29) unknown (20) fivel fiver (20) fiver chain, Belt, or Shaft Condition (20) fiver (20) fiver chain or belt adjustment (20) fiver chain or belt adjustment to tight (20) sprocease, or specify (20) unknown (20) fiver (20) applicable, no fire (20) unknown (20) fiver chain or belt adjustment to tight (20) sproceash (20) during crash (20) d	CODE UP TO FIVE; INPUT 00 FOR REMAINING	
(3) ignition system, high-tension sparks (4) violation of electrical system other than lights or lamps (5) lights, lamps (6) ights, lamps (7) snoking materials (8) cargo, parcels (9) snakinary fuel tank (1) sprockets, exposed chain (1) sprockets, exposed chain (1) sprockets, exclosed chain (1) sprockets,	RESPONSES	
(04) violation of electrical system other than lights or lamps (05) lights, lamps (06) exhaust system (07) morking materials (07) morking materials (08) cargo, parcels (09) artiface-heazard flares (99) unknown (97) not applicable, no fire (94) when the fire Occur? (98) other (specify) (99) unknown (97) not applicable (98) other (specify) (99) unknown (10) shelf (10) care-stayled (10) sees selectively loops adjustment, excessive wear (10) excessively loops adjustment, excessive wear (10) excessively loops adjustment too tight (10) pre-crash (10) sees (10) shelf (10) s		
(00) no leaks or spills (01) primary fuel tank (02) auxiliary fuel tank (03) intel lines and fittings (04) held filter (05) exhaust (05) cabusetor (07) fuel-injection system (08) target, partels (09) unknown (08) target, partels (09) unknown (09) unknown (01) sprockets, exposed chain (02) sprockets, enclosed chain (03) belt (04) sprockets, exposed chain (05) sether (specify) (06) on (skip to # 82) (07) not applicable (09) unknown (00) no (skip to # 82) (01) yes (07) not applicable (09) unknown (00) no unusual condition, acceptable adjustment (01) per-crash (02) during crash (03) solst-crash (03) osl-crash (03) osl-crash (03) osl-crash (03) osl-crash (04) chain or belt displaiment to tight (05) on the (specify) (09) unknown (09) unknown (00) no unusual condition, acceptable adjustment (01) per-crash (02) during crash (03) osl-crash (04) chain or belt displaiment to tight (05) chain or belt displaiment to tight (07) not applicable, no fire (09) unknown 84. When Did This Drive-Line Damage Occur? 75. The Fire Occurred How Long After the Crash? CODE IN MINUTES (01) per-crash (01) offer verhicle or environment (02) primary fuel tank (03) post-crash (03) post-crash (04) on unusual condition, acceptable condition (07) not applicable, no fire (09) unknown 85. Drive-Sprocket Condition 86. Fuel Source for Fire (09) unknown 87. Fuel Fire Occurred How Long After the Crash? (00) no unusual condition, acceptable condition (01) offer verhicle or environment (01) offer verhicle or environment (01) offer verhicle or environment (02) during crash (03) post-crash (04) post-procket teeth bandy worn, inders power application (05) severe sprocket teeth bandy worn, inders power application (05) severe sprocket teeth bandy worn, inders power application (05) severe sprocket teeth bandy worn, inders power application (05) severe sprocket teeth bandy worn, inders power application (05) severe sprocket teeth worn but serviceable (
(65) lights, lamps (60) no leaks or spills (01) primary fact tank (02) auxiliary fuel tank (03) fuel lines and fittings (04) fuel filter (05) exhaust (06) carbanets (06) carbanets (07) not applicable, no fire (07) fuel-injection system (08) fuel cap (09) unknown (07) fuel-injection system (08) fuel cap (09) fuel-tank vent (09) unknown (01) sprockets, exposed chain (02) sprockets, enclosed chain (03) unknown (04) shaft (05) exhaust (06) carbanetor (07) fuel-injection system (08) fuel cap (09) fuel-tank vent (97) not applicable (98) other (specify) (99) unknown (10) sprockets, enclosed chain (10) execessively loose adjustment, excessive wear (10) procrash (10) excessively loose adjustment, excessive wear (10) procrash (10) excessively loose adjustment, excessive wear (10) procrash (10) excessively loose adjustment, excessive wear (10) procrash (10) chain or belt droken (10) excessively loose adjustment, excessive wear (10) procrash (10) chain or belt droken (10) excessively loose adjustment too light (10) excessively loose adjustment, excessive wear (10) procrash (10) excessively loose adjustment, excessive wear (10) procrash (10) excessively loose adjustment, e		` '
(00) no leaks or spille (01) primary fuel tank (02) auxiliary fuel tank (03) auxiliary fuel tank (04) ell filter (05) exhaust (05) exhaust (06) carbureton (07) fuel-injection system (08) cargos (08) cargos (09) unknown DRIVELINE DRIVELINE		(05) lights, lamps
(02) primary fael tank (08) cargo, parcels (09) ratific-hazard flares (193) other (specify) (194) on applicable, no free (193) other (specify) (194) unknown (194) unknown (194) unknown (195) fael ratification system (194) unknown (195) fael ratification system (194) unknown (195) fael ratification system (195) on applicable, no fire (195) unknown (195) on applicable, no fire (195) unknown (195) fael ratification system (195) fael ratification system (195) fael ratification system (195) fael ratification (195) fael ratification system (195) fael ratification system (195) fael ratification system (195) fael ratification system (195) on applicable, no fire (195) unknown (195) on applicable, no sp		
(01) primary fuel tank (02) auxiliary fuel tank (03) fuel lines and fittings (04) fuel filter (05) exhaust (06) carburetor (07) fuel-injection system (08) fuel can vent (07) fuel-injection system (08) fuel can vent (07) not applicable (08) other (specify) (09) michown (08) fuel specify (09) michown (08) fuel can vent (07) not applicable (09) michown (08) other (specify) (09) unknown (08) other (specify) (09) unknown (08) other (specify) (09) unknown (08) other (specify) (00) no (skip to # 82) (00) no (skip to # 82) (00) no (skip to # 82) (01) tyes (07) not applicable (09) unknown (08) other (specify) (10) pre-crash (10) pre-cras	(00) no leaks or spills	
(02) suxiliary fuel tank (03) fuel lines and fittings (04) fuel filter (05) exhanst (06) carburetor (07) fuel-injection system (07) not applicable, no fire (08) subter (specify) (09) unknown DRIVELINE		
(03) fuel lines and fittings (04) fuel filter (05) exhaust (06) carburetor (07) fuel-injection system (08) fuel cap (08) fuel cap (08) fuel cap (09) fuel-ank went (07) not applicable (09) unknown (01) sprockets, exposed chain (03) belt (03) belt (04) shaft (08) other (specify) (99) unknown (02) sprockets, exposed chain (03) belt (04) shaft (08) other (specify) (09) unknown (01) sprockets, enclosed chain (03) belt (04) shaft (08) other (specify) (09) unknown (01) prockets, exposed chain (03) belt (04) shaft (08) other (specify) (09) unknown (00) no (skip to # 82) (01) yes (01) yes (01) yes (02) divide chain or belt derailed (03) post-crash (04) chain or belt derailed (05) other (specify) (09) unknown (00) no drive-line damage (01) pre-crash (02) during crash (03) post-crash (04) chain or belt derailed (05) extual time in minutes (06) other (specify) (09) unknown (01) pre-crash (02) during crash (03) post-crash (04) chain or belt derailed (05) set-trash (07) not applicable, no fire (09) unknown 84. When Did This Drive-Line Damage Occur? 95. The Fire Occurred How Long After the Crash? (06) no drive-line damage (07) not applicable, no fire (09) unknown 85. Drive-Sprocket Condition 80. Fuel Source for Fire (01) other vehicle or environment (01) front-sprocket teeth worn but serviceable (02) during crash (03) auxiliary fiel tank (04) fuel lines and fittings (04) free lines and fittings (05) sever sprocket weeth worn but serviceable (06) exhaust (07) on applicable, no sprockets (08) other (specify) (09) unknown (05) fuel filter (06) exhaust (07) on applicable, no sprockets (08) other (specify) (09) unknown (08) other (specify) (09) unknown (09) unknown (09) on applicable, no sprockets (09) unknown (08) other (specify) (09) unknown (09) un		
(04) fuel filter (98) other (specify) (99) unknown (97) not applicable, no fire (99) unknown (98) other (specify) (99) unknown (97) not applicable, no fire (97) not applicable, no fire (97) unknown (98) other (specify) (99) unknown (97) not applicable, no fire (99) unknown (97) not applicable, no fire (97) unknown (98) other (specify) (99) unknown (97) not applicable, no fire (98) unknown (98) other (specify) (99) unknown (98) not expected teeth wom but serviceable (97) not applicable, no fire (98) unknown (98) not expected teeth wom but serviceable (97) not applicable, no sprockets teeth badly wom, hinders power application (98) fiel filter (98) fil		
(06) carburetor (17) file-linjection system (18) file cap (19) file-lank vent (19) file-lank vent (19) unknown (10) sprockets, exposed chain (10) sprockets, exposed to anion (10) sprockets, exposed chain (10) sprocke		(98) other (specify)
(07) fuel-injection system (08) fuel-tank vent (97) not applicable (99) unknown (02) sprockets, exposed chain (02) sprockets, exclosed chain (03) belt (04) shaft (98) other (specify) (00) no (skip to # 82) (01) yes (01) yes (02) unknown (03) belt (04) shaft (98) other (specify) (09) unknown (09) unknown (00) no unsual condition, acceptable adjustment (09) unknown (01) pre-crash (01) pre-crash (02) during crash (03) chain or belt dajustment too tight (03) post-crash (04) chain or belt dajustment too tight (03) post-crash (04) chain or belt dajustment too tight (05) unknown (07) un applicable, no fire (99) unknown (08) ther (specify) (99) unknown (90) no drive-line damage (01) pre-crash (02) during crash (03) post-crash (04) during crash (05) extend time in minutes (06) post-crash (07) not applicable, no fire (09) unknown (07) not applicable (08) other (specify) (09) unknown (07) not applicable (08) other (specify) (09) unknown ((05) exhaust	(99) unknown
180 Earle Cap 190	(06) carburetor	
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(98) other (specify)		
	(99) unknown	

THROTTLE CONTROL

86. Does Throttle Control Work?	(00) throttle plate/slides not damaged
	(01) carburetor damage prior to accident events caused binding,
(00) no	throttle sticking
(01) yes	(02) throttle plate damage prior to accident caused throttle sticking
(99) unknown	(03) foreign object in induction system caused throttle malfunction
87. Drum Condition	(04) missing air cleaner allowed induction system contamination, sticking throttle(05) improper reassembly of carburetor after maintenance allowed
(00) no drum damage	sticking slide or throttle plate
(01) grip interference, binds in rotation	(97) not applicable
(02) base-adjustment improper, binds in rotation	(98) other (specify)
(03) drum damaged prior to accident events, binds in rotation	(99) unknown
(04) cable-draw interference, binds in rotation	(77) unknown
(05) needs lubrication, binds in rotation	90. Return-Springs Condition
(06) foreign matter in throttle base, binds in rotation	you keepings condition
(07) improper tightening of throttle base, rotation causes base	(00) return springs not damaged
rotation	(01) external return springs missing, sticking throttle
(97) not applicable, thumb-throttle or squeeze-throttle type	(02) carburetor internal slide springs missing or damaged
(98) other (specify)	(03) external throttle plate springs altered, weaker springs, sticking
(99) unknown	throttle
	(04) not applicable
88. Condition of Cables	(98) other (specify)
	(99) unknown
(00) cables not damaged	
(01) bind due to bent sheath	EXHAUST SYSTEM
(02) bind due to corrosion, lack of lubrication	24.71
(03) bind due to frayed wires	91. Exhaust-System Condition
(04) end collets loose	
(05) incorrect size causes malfunction	(00) no problems, good condition
(06) improper routing, steering causes throttle action	(01) worn or damaged
(97) not applicable	(02) worn or damaged, excessive noise
(98) other (specify)	(03) performance equipment, noise level approximately same as
(99) unknown	original equipment
	(04) high performance equipment, excessive noise
	(98) other (specify)
	(99) unknown

89. Condition of Throttle Plate/Slides

Table 1. Example of blank motorcycle summary table—page 1.

Codes for Each Blank Cell (00) no (01) yes (97) not applicable		Original			
(99) unknown	Equipped	Equipment	Aftermarket	Operational	Modified
Front crash bars					
Rear crash bars					
Engine guard					
Windscreen					
Fairing, handlebar or steering mounted					
Fairing, frame mounted					
Headlamps					
Headlamp nacelle					
Auxiliary headlamp					
Front position lamp					
Front reflector, yellow					
Front reflector, white					
Front reflector, red					
Front reflector, silver					
Front turn signals					
Speedometer					
Tachometer					
Handlebars					
Throttle					

Table 2. Example of blank motorcycle summary table—page 2.

Codes for Each Blank Cell (00) no					
(01) yes		Outsinal			
(97) not applicable (99) unknown	Equipped	Original Equipment	Aftermarket	Operational	Modified
Clutch lever				· F	
Brake lever					
Right side rearview mirrors, posts					
Left side rearview mirrors, posts					
Front suspension					
Front fender					
Front brakes					
Seat					
Sissy bar/passenger back rest					
Side reflectors, yellow					
Side reflectors, red					
Side reflectors, silver					
Frame					
Grab rails/hand holds					
Fuel tank					
Auxiliary fuel tank					
Motor crankcase, cylinders					
Radiator					
Water hose					
Motorpowerenhancement					
Transmissioncase					
Oil tank					
Battery, battery box					
Rear brake pedal					
Shift lever					
Foot pegs, footrests					
Highwaypegs/footrests					

 $Table\ 3.\ Example\ of\ blank\ motorcycle\ summary\ table—page\ 3.$

Code for Each Black Cell (00) no (01) yes (97) not applicable (99) unknown	Equipped	Original Equipment	Aftermarket	Operational	Modified
Side stand	Equippeu	Equipment	711termarket	Орегинопия	Wiodifed
Side stand interlock					
Centerstand					
Muffler/exhaust system					
Tank bag					
Luggage/cargo rack					
Parcel rack					
Saddle bags					
Rear position lamps					
Stoplamp					
Rear reflectors, yellow					
Rear reflectors, red					
Rear reflectors, silver					
Rear turn signals					
Rearsuspension					
Reartire/wheel					
Rear fender					
Rear brakes					
Tools, toolbox					
Side covers					
Trailer					
Side Car					

A-9. CONTROL MOTORCYCLE MECHANICAL DATA-COLLECTION FORM

The following form is a blank form.

Control Motorcycle Mechanical Form	Case Number
	Control Motorcycle Number
Data Collected Using Which Method	4. Wind Direction With Respect to Motorcycle Path
(00) control-data collection attempted, no data obtained (01) full stop interview and inspection at crash location (02) full stop interview but inspection refused (03) full stop interview refused, but inspection obtained (04) identification and telephone follow-up (05) remote observation at location: photography, video, or both (06) interview at nearby location (specify)	(00) none, no wind (01) left crosswind (02) headwind (03) right crosswind (04) tailwind (98) other (specify) (99) unknown
(07) combination of stops and photography or video	SPECIFICATIONS
WEATHER 1. Ambient Temperature PLUS (+) OR MINUS (-) DEGREES FAHRENHEIT +/	5. Manufacturer WRITE IN; DO NOT CODE 6. Model WRITE IN; DO NOT CODE
2. Weather Description (01) clear (02) cloudy, partly cloudy (03) overcast	7. Year CODE THE FOUR-DIGIT YEAR Model Year (1900–(current year + 1)) current data-collection year plus one
(04) drizzle, light rain(05) moderate or heavy rain(06) snow(07) sleet, freezing rain	(9999) unknown 8. Motorcycle Legal Category
(08) hail (98) other (specify) (99) unknown	(01) L1 vehicle (02) L3 vehicle (03) mofa (98) other (specify)
3. Wind Description	(99) unknown
(00) none, calm (01) light (02) moderate (03) strong (04) light with gusts (05) moderate with gusts (06) strong with gusts (07) variable (98) other (specify) (99) unknown	

9. Motorcycle Type	4. Predominant Color of Motorcycle
(01) conventional street L1 or L3 vehicle (tank between knees),	(01) no dominating color, multicolored
without modifications	(02) white
(02) conventional street L1 or L3 vehicle (tank between knees),	(03) yellow
with modifications	(04) black
(03) dual purpose, on-road-off-road motorcycle	(05) red
(04) sport, race replica	(06) blue
(05) cruiser	(07) green
(06) chopper, modified chopper	(08) silver, grey
(07) touring	(09) orange
(08) scooter	(10) brown, tan
(09) step-through	(11) purple
(10) sport-touring	(12) gold
(11) motorcycle plus sidecar, left	(13) chrome, metallic
(12) motorcycle plus sidecar, right	(98) other (specify)
(13) off-road motorcycle, motocross, enduro, trial	(99) unknown
(14) tricycle	
(15) law enforcement	15. Does the Motorcycle Have Any Retroreflective Parts,
(98) other (specify)	Material, or Paint?
(99) unknown	(00)
10 Motovovolo Weight	(00) no, none
10. Motorcycle Weight	(01) yes
(0001 0006)	(98) other (specify)
(0001–9996) actual weight, as specified by manufacturer, in pounds	(99) unknown
(9999) unknown	16. Motor Displacement
44 77 14 1 73 400 44 37 1	CODE IN CUBIC CENTIMETERS
11. Vehicle Identification Number	
(99999999999) unknown X X X	(0001–9996) actual number (9999) unknown
12. Odometer Reading in Miles	17. Number of Cylinders CODE NUMBER OF CYLINDERS
(000001–999996) actual number of miles	CODE NUMBER OF CILINDERS
(999999) unknown	(01.06)
(999999) ulikilowii	(01–96) actual number of cylinders
13. Registered-Owner Category	(99) unknown
13. Registered-Owner Category	18. Number of Passengers
(01) motorcycle rider	16. Number of Passengers
(02) motorcycle passenger	(00, 06) setual number of passengers
(03) operated with consent of owner	(00–96) actual number of passengers (99) unknown
(04) dealer	(33) ulikilowii
(05) stolen	19. Cargo/Luggage on Motorcycle
(97) not applicable, no registration available	CODE UP TO THREE
(98) other (specify)	CODE OF TO THIRDE
(99) unknown	
	(00) no cargo/luggage
	(01) carried on rear rack
	(02) carried in saddle bag
	(03) carried by passenger
	(04) carried by plassinger (04) carried on seat or tank ahead of rider
	(05) carried between legs of rider (step-through frame or scooter)
	(06) carried between rider's arms
	(07) trunk
	(98) other (specify)(99) unknown

TIRES 26. Suspension Type, Rear 20. Are the Tires Original Equipment? (00) none, rigid wheel mount (01) conventional fork swing arm, double exterior tubular (01) yes (02) no, but are standard size (02) conventional fork swing arm, mono-shock (03) no. modified size (03) conventional fork swing arm, linkage articulated mono-(98) other (specify) (04) one-sided swing arm, single exterior tubular shock (99) unknown (05) one-sided swing arm, mono-shock (06) one-sided swing arm, linkage articulated mono-shock 21. Tread Type (07) lower suspension Front _____ (98) other (specify) _____ Rear (99) unknown (00) no tread pattern, slick (01) straight-rib tread pattern BRAKE SYSTEM (02) block pattern, trials type (03) knobby pattern, motocross type 27. Rider Brake-Control Type (04) all weather, cross or dog-bone pattern Lever/Pedal 1 ____ (05) all weather, diagonal or diamond pattern (06) all weather, angle groove Lever/Pedal 2 (07) racing design, minimum groove design (00) none, not present (98) other (specify) (01) hand (02) foot (99) unknown (98) other (specify) 22. Measured Tread Depth (99) unknown CODE IN 32NDs 28. Brake Control-System Type $Front ___/32nds$ Lever/Pedal 1 _____ Rear /32nds Lever/Pedal 2 (00-96/32nds) actual tread depth (01) independent front brake (99/32nds) unknown (02) independent rear brake (03) combined front and rear brakes, CBS 23. Are the Wheels Original Equipment? (97) not applicable (99) unknown (01) yes (02) no, but are standard size 29. ABS (03) no, modified size Front ____ __ (98) other (specify) (99) unknown Rear (00) no SUSPENSION (01) yes (97) not applicable 24. Is the Suspension Original Equipment? (99) unknown **FRAME** (00) no (01) yes, all original equipment 30. Has the Frame Been Modified? (02) partially original equipment (98) other (specify) (99) unknown (00) no (01) yes 25. Suspension Type, Front (98) other (specify) (99) unknown (00) none, rigid wheel mount (01) telescoping tube, conventional lower fork legs (02) telescoping tube, inverted fork legs (03) springer (04) girder (05) leading link, single- or double-sided (06) articulated multiple link (07) trailing link, single- or double-sided (08) telelever (BMW only) (09) lower suspension

(98) other (specify) ___ (99) unknown

31. Frame Type/Configuration	37. Have the Handlebars Been Modified?
(01) step-through, formed sheet metal	(00) no, original equipment
(02) step-through, tubular frame	(01) clip-on, not original equipment
(03) conventional tube-cradle type with single-down tube	(02) clubman or racer
(04) conventional tube-cradle type with double-down tubes	(03) high-sweep or tiller-type touring
(05) backbone type, motor-transmission mounted independently	(04) high rise
(06) backbone type, motor-transmission integral with frame	(05) motocross, off-road
(07) perimeter frame, tube type	(98) other (specify)
(08) perimeter frame, extrusion-element type	(99) unknown
(09) monocoque, shell-only structure	
(98) other (specify)	38. Has the Seat Been Modified?
(99) unknown	
	(00) no
MISCELLANEOUS COMPONENTS	(01) yes
	(98) other (specify)
32. Is the Motorcycle Equipped With Pedals?	(99) unknown
(00) no	39. Seat Type
(01) yes	VE
(99) unknown	(01) conventional straddle seat, one level
	(02) straddle type, two level, raised passenger
33. Headlamp Assembly Type	(03) bucket, single seat
	(04) bucket, double seat, one level removed
(00) none	(05) bucket, double seat, raised passenger
(01) single headlamp	(06) single racer seat, tail fairing behind
(02) double headlamp	(07) single straddle seat, pillion pad behind
(03) single with auxiliary lights	(08) single pad, semibench type
(04) double with auxiliary lights	(98) other (specify)
(98) other (specify)	(99) unknown
(99) unknown	40. How the Fish cost Costons Deep Medicada
34. Was Headlamp Illuminated Prior to Stopping for the	40. Has the Exhaust System Been Modified?
Interview?	(00) no
	(01) yes, performance equipment; noise level approximately
(00) no	same as original equipment
(01) yes, rider controlled	(02) yes, high-performance equipment; excessive noise
(02) yes, always-on technology	(98) other (specify)
(98) other (specify)	(99) unknown
(99) unknown	
35. Is Motorcycle Equipped With an Airbag?	41. Has the Windshield Been Modified?
······································	(00) no
(00) no	(01) yes
(01) yes	(97) not applicable, no windshield
(99) unknown	(98) other (specify)
	(99) unknown
36. Is Motorcycle Equipped With or Pulling Any of the Following?	42. Is This Motorcycle Equipped With Crash Bars?
i onowing.	42. Is This Motorcycle Equipped with Crash Bars:
(00) no, not applicable	(00) no
(01) sidecar	(01) yes
(02) trailer	(02) previously equipped, but crash bars have been removed
(03) training wheels	(98) other (specify)
(04) outrigger	(99) unknown
(98) other (specify)	
(99) unknown	43. Is This Motorcycle Equipped With Engine Guards?
	(00) no
	(01) yes
	(02) previously equipped, but engine guards have been removed
	(98) other (specify)
	(99) unknown

Table 4. Example of blank control motorcycle summary table—page 1.

Code for Each Blank Cell (00) no (01) yes (97) not applicable	Equipped	Original Equipment	Aftermarket	Operational	Modified
Front crash bars					
Rear crash bars					
Engine guard					
Windscreen					
Fairing, handlebar or steering mounted					
Fairing, frame mounted					
Headlamps					
Auxiliary headlamp					
Front position lamp					
Front reflector, yellow					
Front reflector, white					
Front reflector, red					
Front reflector, silver					
Front turn signals					
Speedometer					
Tachometer					
Handlebars					
Throttle					
Clutchlever					
Brakelever					
Right side rear view mirrors, posts					
Left side rear view mirrors, posts					
Frontsuspension					
Fronttire/wheel					

Table 5. Example of blank control motorcycle summary table—page 2.

Code for Each Blank Cell (00) no (01) yes (97) not applicable	Equipped	Original Equipment	Aftermarket	Operational	Modified
Front fender					
Front brakes					
Seat					
Sissy bar/passenger back rest					
Side reflectors, yellow					
Side reflectors, red					
Side reflectors, silver					
Frame					
Grab rails/hand holds					
Fueltank					
Auxiliary fuel tank					
Motor crankcase, cylinders					
Radiator					
Water hose					
Motorpowerenhancement					
Transmissioncase					
Oiltank					
Battery, battery box					
Rear brake pedal					
Shift lever					
Foot pegs, footrests					
Highwaypegs/footrests					
Side stand					
Side stand interlock					
Centerstand					
Muffler/exhaust system					
Tank bag					

Table 6. Example of blank control motorcycle summary table—page 3.

Code for Each Blank Cell (00) no (01) yes (97) not applicable	Equipped	Original Equipment	Aftermarket	Operational	Modified
Luggage/cargo rack					
Parcel rack					
Saddle bags					
Rear position lamps					
Stoplamp					
Rear reflectors, yellow					
Rear reflectors, red					
Rear reflectors, silver					
Rear turn signals					
Rearsuspension					
Reartire/wheel					
Rear fender					
Rear brakes					
Tools, tool box					
Side covers					
Trailer					
Side Car					

A-10. MOTORCYCLE DYNAMICS DATA-COLLECTION FORM

The following form is a blank from.

Motorcycle Dynamics Form

Case Number _____

PRE-CRASH 1. Pre-Crash Motion Prior to Precipitating Event	2. Travel Speed CODE IN MILES PER HOUR, WHOLE NUMBERS ONLY
(00) stopped in traffic, speed is zero	(000) stopped in traffic, speed is zero
(01) moving in a straight line, constant speed	(001–996) actual speed in miles per hour
(02) moving in a straight line, constant speed (02) moving in a straight line, throttle off	(999) unknown
(03) moving in a straight line, throttle on	(777) ulikliowii
(04) moving in a straight line, accelerating	3. Travel Speed Confidence Interval
(05) turning right, constant speed	CODE IN MILES PER HOUR, WHOLE NUMBERS
(06) turning right, throttle off	ONLY
(07) turning right, braking	+/-
(08) turning right, accelerating	(plus (+) or minus (-) in miles per hour)
(09) turning left, constant speed	(99) unknown
(10) turning left, throttle off	(77) ulikilowii
(11) turning left, braking	4. Line of Sight to Other Vehicle
(12) turning left, accelerating	CLOCK-FACE DIRECTION RELATIVE TO
(13) stopped at roadside or parked	MOTORCYCLE CENTER LINE
(14) backing up in a straight line	MOTORCTCLL CLIVIER LIVE
(15) backing up, steering left	(01) 1 o'clock
(16) backing up, steering right	(02) 2 o'clock
(17) making U-turn, right	(03) 3 o'clock
(18) making U-turn, left	(04) 4 o'clock
(19) making Y-turn, right	(05) 5 o'clock
(20) making Y-turn, left	(06) 6 o'clock
(21) changing lanes to left	(00) 0 0 clock (07) 7 o'clock
(22) changing lanes to right	(08) 8 o'clock
(23) merging to left	(09) 9 o'clock
(24) merging to right	(10) 10 o'clock
(25) entering traffic from right shoulder, median, or parked	(11) 11 o'clock
(26) entering traffic from left shoulder, median, or parked	(12) 12 o'clock
(27) leaving traffic or drifting to the right	(97) not applicable
(28) leaving traffic or drifting to the left	(99) unknown
(29) passing maneuver, passing on right	(>>) ummo m
(30) passing maneuver, passing on left	5. Pre-Crash Motion After Precipitating Event
(31) crossing opposing lanes of traffic	USE THE SAME CODE AS # 1
(32) traveling wrong way, against opposing traffic	
(33) stripe-riding, filtering forward between lanes, longitudinal	
motion only	6. Collision-Avoidance Action
(34) filtering between lanes, lateral motion only	CODE UP TO FOUR
(35) filtering forward between lanes, both longitudinal and lateral motion	
(36) collision-avoidance maneuver to avoid a different collision	
(37) negotiating a curve, constant speed	
(38) negotiating a curve, throttle off	(00) none
(39) negotiating a curve, braking	(01) braking
(40) negotiating a curve, accelerating	(02) swerving
(41) wheelie	(02) swetving (03) accelerating
(42) negotiating a curve, not further specified	(04) countersteering
(97) not applicable	(05) cornering
(98) other (specify)	(98) other (specify)
(99) unknown	(99) unknown

7. Braking Skid Marks on Roadway	11. Swerve
(00) none	(00) no swerve
(01) skid marks from rear tire only	(01) swerve to right, correct decision
(02) skid marks from front tire only	(02) swerve to right, incorrect decision
(03) skid marks from both front and rear tires, front and rear	(03) swerve to left, correct decision
equivalent and overlaying	(04) swerve to left, incorrect decision
(04) long skid mark from rear tire, short terminal skid from front	(97) not applicable
tire	(99) unknown
(05) light skid marks from both front and rear, no wheel lockup	
evidence	12. Acceleration Evidence on Rear Tire
(97) not applicable	
(98) other (specify)	(00) none
(99) unknown	(01) moderate slip striations and tread block-edge erosion
	(02) severe slip striations and tread block-edge erosion
8. Length of Skid Marks on Roadway	(03) extreme slip striations, tread block-edge erosion and tread-
Front Tire feet inches	rubber reversion
Rear Tire feet inches	(97) not applicable
(000.00) none	(98) other (specify)
(000.01–999.96) actual length of skid marks in feet and inches	(99) unknown
(997.97) not applicable	
(999.99) unknown	13. Countersteering
9. Braking Skid-Mark Evidence on Roadway	(00) no countersteering
	(01) countersteering proper, produced desired swerve
(00) none	(02) countersteering improper, produced undesired direction
(01) dry roadway braking skid marks confirmed from crash	change
motorcycle	(97) not applicable
(02) wet roadway braking skid marks confirmed from crash motorcycle	(99) unknown
(03) deep water on roadway, aquaplaning most likely, no braking skid marks remaining	14. Cornering Skid-Mark Evidence on Roadway
(04) wet reverted rubber skidding in evidence, white steam-	(00) none
cleaned skid paths shown on roadway confirmed from	(00) none (01) dry roadway, cornering skid marks confirmed from crash
crash motorcycle	motorcycle
(05) braking skid-mark evidence most likely present but	(02) wet roadway, cornering skid marks confirmed from crash
degraded by traffic after crash, no confirmation at scene	motorcycle
examination	(03) deep water on roadway, aquaplaning most likely, no
(06) snow/ice on roadway, braking skid marks confirmed from	cornering skid marks remaining
crash motorcycle	(04) wet reverted rubber skidding in evidence, white steam-
(97) not applicable	cleaned cornering skid paths shown on roadway confirmed
(98) other (specify)	from crash motorcycle
(99) unknown	(05) cornering skid-marks evidence most likely present but
	degraded by traffic after crash, no confirmation at scene
10. Braking Tire-Striation Evidence	examination
	(06) snow/ice on roadway, cornering skid marks confirmed from
(00) none, front or rear tire	crash motorcycle
(01) rear tire only	(97) not applicable
(02) front tire only	(98) other (specify)
(03) both front and rear tires	(99) unknown
(04) prolonged skid patch on rear tire only	15 C
(05) prolonged skid patch on rear tire, braking striations on front tire	15. Cornering Tire-Striation Evidence
(06) prolonged skid patch on rear tire, slide-out striations on	(00) none
front tire	(01) right cornering tire striations, rear tire
(07) prolonged skid patch on rear tire, slide-out striations on	(02) right cornering tire striations, front tire
both front and rear tires	(03) right cornering striations, both front and rear tires
(97) not applicable	(04) left cornering tire striations, rear tire
(98) other (specify)	(05) left cornering tire striations, front tire
(99) unknown	(06) left cornering tire striations, both front and rear tires (97) not applicable
	(98) other (specify)
	(99) unknown

CRASH MOTION AT IMPACT

16. Motorcycle First Collision-Contact Code (LF) left front (CR) center rear (TR) top rear (98) other (specify) (CF) center front (RR) right rear (UF) undercarriage front (RF) right front (EL) entire left side (UC) undercarriage center (99) unknown (LC) left center (ER) entire right side (UR) undercarriage rear (RC) right center (TF) top front (NC) no direct contact to (LR) left rear (TC) top center motorcycle 17. Object(s) Contacted CODE UP TO THREE

Collision With Other Vehicle

- (01) other vehicle #1
- (02) other vehicle # 2
- (03) other vehicle #3

Collision With Fixed Object

- (04) tree (less than or equal to 4 inches in diameter)
- (05) tree (greater than 4 inches in diameter)
- (06) shrubbery or bush
- (07) embankment
- (08) concrete traffic barrier
- (09) other traffic barrier (includes guardrail) (specify)
- (10) impact attenuator
- (10) impact attenuator
- (11) bridge
- (12) curb
- (13) fire hydrant
- (14) ground
- (15) ditch or culvert
- (16) building
- (17) wall
- (18) fence
- (19) nonbreakaway pole or post (less than or equal to 4 inches in diameter)
- (20) nonbreakaway pole or post (greater than 4 inches but less than or equal to 12 inches in diameter)
- (21) nonbreakaway pole or post (greater than 12 inches in
- (22) nonbreakaway pole or post (diameter unknown)
- (23) breakaway pole or post (any diameter)
- (24) paved roadway surface
- (25) roadway surface (other)
- (26) sidewalk
- (27) wooden post (any diameter)
- (28) other fixed object (specify)
- (29) unknown fixed object

Collision	With	Nonfixed	Object
COMBION	* * 1 5 1 1	TIOIMIACU	

First _ Second _ Third

- (30) pedestrian
- (31) train
- (32) object fell from vehicle in transport
- (33) trailer, disconnected in transport
- (34) animal
- (35) cyclist or cycle
- (36) vehicle occupant
- (37) other nonmotorist or conveyance (specify)
- (38) other nonfixed object (specify)
- (39) unknown nonfixed object

Noncollision

- (40) overturn->rollover (excludes end-over-end)
- (41) rollover->end-over-end
- (42) fire or explosion
- (43) jackknife
- (44) other intraunit damage (specify)
- (45) noncollision injury
- (48) other noncollision (specify)
- (49) noncollision details unknown
- (97) not applicable
- (98) other event (specify)
- (99) unknown event or object

18. Motorcycle Impact Speed in MPH	24. Motorcycle Motion Code						
(000) stopped in traffic, speed is zero	(00) none, stopped at POI; POR and POI coincide						
(001–996) actual impact speed in miles per hour	(01) stopped within 6 ft of POI						
(999) unknown	(02) rolled on wheels from POI to POR						
(999) ulikilowii	(03) rolled on wheels from POI, then impacted other object at						
10 Poll Attitude Angle in Degrees	POR						
19. Roll Attitude Angle in Degrees INDICATE "+" RIGHT SIDE DOWN, OR "-" LEFT	(04) vehicle rollover from POI to POR						
SIDE DOWN							
	(05) skidded, slid from POI to POR						
+/	(06) skidded, slid from POI, then impacted other object at POR						
(-090-+090) roll attitude angle degrees	(07) vaulted above ride height from POI, then rolled to POR						
(997) not applicable	(08) vaulted above ride height from POI, then slid to POR						
(999) unknown	(09) vaulted above ride height from POI, then impacted other object at POR						
20. Sideslip Angle in Degrees	(10) run over at POI						
INDICATE "+" CLOCKWISE OR "-"	(11) run over, dragged from POI to POR						
COUNTERCLOCKWISE RELATIVE TO THE	(12) caught by or landed on other vehicle; carried to POR,						
MOTORCYCLE CENTERLINE	different from other vehicle POR						
+/	(13) engaged, entangled, or entrapped with other vehicle (other						
(000–359) sideslip angle degrees	than run over); POR same as other vehicle POR						
(997) not applicable	(14) vehicles did not separate; PORs are essentially same for						
(999) unknown	motorcycle and other vehicle (15) spun or yawed, sliding from POI to POR						
21. Relative Heading Angle	(16) hit and run, rider departed scene of crash, with motorcycle,						
ANGLE OF OTHER VEHICLE X-AXIS RELATIVE TO	immediately after collision (17) rider/passenger departed scene immediately after collision,						
MOTORCYCLE X-AXIS, REGARDLESS OF							
RELATIVE POSITIONS OF OTHER VEHICLE AND	but motorcycle is still at scene						
MOTORCYCLE	(98) other (specify)						
+/	(99) unknown						
(000–360) relative heading angle degrees							
(997) not applicable	25. Distance From POI to Motorcycle POR						
(999) unknown	CODE DISTANCE IN FEET AND INCHES						
	Distance Along POI Path:						
POST-CRASH	+/ feet inches						
	offset:						
22. Principal Direction of Force (PDOF) in Degrees	+/ feet inches						
	(000.00–999.95) actual distance in feet and inches						
(000) nonhorizontal force	(999.96) 999.96 feet or more						
(010–360) PDOF degrees	(999.99) unknown						
(997) not applicable							
(999) unknown	26. Post-Crash Scrape Marks on Motorcycle						
23. Calculated Time From Precipitating Event to Impact	(00) none						
CODE IN SECONDS	(01) motorcycle down on right side, sliding high side first						
CODE II (DECO.) ED	(02) motorcycle down on right side, sliding low side first						
(00.00–60.00) calculated time in seconds	(03) motorcycle down on right side, sliding front end first						
(99.99) unknown	(04) motorcycle down on right side, sliding rear end first						
(77.77) ulikilowii	(05) motorcycle down on left side, sliding high side first						
	(06) motorcycle down on left side, sliding low side first						
	(07) motorcycle down on left side, sliding front end first						
	(08) motorcycle down on left side, sliding rear end first						
	(09) motorcycle tumbling, side over side						
	(10) motorcycle tumbling, end over end						
	(11) scrape marks with unknown motorcycle dynamics						
	(98) other (specify)						
	(99) unknown						

27. Rider Motion Code

- (00) none, stopped at POI; POR and POI coincide
 (01) stopped within 6 ft of POI
 (02) tumbled and rolled from POI to POR
 (03) tumbled and rolled from POI, then impacted other object at POR
 (04) skidded, slid from POI to POR
 (05) skidded, slid from POI, then impacted other object at POR
 (06) vaulted above ride height from POI, then rolled to POR
- (07) vaulted above ride height from POI, then slid to POR
- (08) vaulted above ride height from POI, then impacted other object at POR
- (09) run over at POI
- (10) run over, dragged from POI to POR
- (11) caught by or landed on other vehicle; carried to POR, different from other vehicle POR
- (12) engaged, entangled, or entrapped with other vehicle (other than run over); POR same as other vehicle POR
- (13) did not separate from motorcycle, rode from POI to POR; POR same as motorcycle POR
- (14) hit and run, departed scene of crash immediately after collision
- (15) rider departed scene immediately after collision, but motorcycle is still at scene
- (98) other (specify)
- (99) unknown

28. Distance From POI to Rider POR

CODE IN FEET AND INCHES

(000.00–999.96) actual distance from POI to rider POR in feet and inches

(999.99) unknown

CONTRIBUTING MOTORCYCLE FACTORS

29. Passenger Motion Code

- (00) none, stopped at POI; POR and POI coincide
- (01) stopped within 6 ft of POI
- (02) tumbled and rolled from POI to POR
- (03) tumbled and rolled from POI, then impacted other object at POR
- (04) skidded, slid from POI to POR
- (05) skidded, slid from POI, then impacted other object at POR
- (06) vaulted above ride height from POI, then rolled to POR
- (07) vaulted above ride height from POI, then slid to POR
- (08) vaulted above ride height from POI, then impacted other object at POR
- (09) run over at POI
- (10) run over, dragged from POI to POR
- (11) caught by or landed on other vehicle; carried to POR, different from other vehicle POR
- (12) engaged, entangled, or entrapped with other vehicle (other than run over); POR same as other vehicle POR
- (13) did not separate from motorcycle, rode from POI to POR; POR same as motorcycle POR
- (14) hit and run, departed scene of crash immediately after collision
- (15) rider departed scene immediately after collision, but motorcycle is still at scene
- (97) not applicable, no passenger
- (98) other (specify)
- (99) unknown

30. Distance From POI to Passenger POR

CODE IN FEET AND INCHES

(000.00–999.96) actual distance from POI to passenger POR in feet and inches (999.99) unknown

31. Post-Crash Crash-Scene Scrape Marks

- (00) none
- (01) made by motorcycle
- (02) made by other vehicle
- (03) made by motorcycle and other vehicle
- (98) other (specify)
- (99) unknown

32. Tire Size	36. Contributing Factor Related to Frame Condition
Front	
Rear	(00) no contribution
(01) original equipment	(01) cracked or broken frame caused loss of control
(02) not original equipment, but specified size	(02) loose motor-transmission mounting bolts or screws caused
(03) proper rim size, oversize section	loss of control
(04) proper rim size, undersize section	(03) deteriorated steering head bearings/steering stem caused
(05) improper rim size, too large	loss of control
(06) improper rim size, too small	(04) deteriorated rear swing arm bearings caused loss of control (05) general frame deterioration caused uncontrolled dynamic
(98) other (specify)	response
(99) unknown	
33. Tire Inflation Pressure Post-Crash	(98) other (specify) (99) unknown
	(77) diikilowii
Front Rear	37. Contributing Factor Related to Cornering Clearance
	377 Contributing 1 actor related to Cornering Cicarance
(01) tire deflated during crash events (02) tire inflation within 15 percent of recommended pressure	(00) no contribution
(03) tire inflation between 16 and 39 percent of recommended	(01) exhaust system grounded out first
pressure	(02) foot pegs, foot rests grounded out first
(04) tire grossly underinflated, greater than 40 percent below	(03) side stand not retracted, grounded out first
recommended pressure	(04) side stand retracted but grounded out first
(05) tire grossly overinflated, greater than 40 percent above	(05) center stand grounded out first
recommended pressure	(06) accessory or cargo limited ground clearance
(98) other (specify)	(07) passenger weight or extremities limited ground clearance
(99) unknown	(98) other (specify)
(>>) diminown	(99) unknown
34. Contributing Factor Related to Tire or Wheel	
Front	38. Contributing Factor Related to the Seat
Rear	<u> </u>
(00) no wheel or tire condition related to crash causation	(00) no contribution
(01) tire mechanical failure caused loss of control	(01) seat came loose, distracted rider
(02) tire puncture/flat caused loss of control	(02) seat came loose caused rider loss of control
(03) tire beads unseated and caused loss of control	(03) seat cover material slippery, caused rider displacement and
(04) gross underinflation contributed to loss of tire traction and	loss of control
caused loss of control	(04) seat cover treated with slippery preservative, caused rider
(05) gross overinflation caused loss of traction and caused loss	displacement and loss of control
of control	(05) seat cover and cushion severely deteriorated, caused rider
(06) gross error of inflation contributed to stability problem and	displacement and loss of control
caused loss of control	(98) other (specify)
(07) wheel mechanical failure caused loss of control, including	(99) unknown
valve failure	
(98) other (specify)	39. Contributing Factor Related to the Drive-Chain, Belt, or
(99) unknown	Shaft Condition
35. Contributing Factor Related to Suspension Condition	(00) no contribution
Front	(01) chain or belt broken or derailed, drive failure was crash
Rear	related
(00) suspension condition made no to crash causation	(98) other (specify)
(01) deteriorated suspension caused control distress, limited	(99) unknown
collision avoidance	
(02) deteriorated suspension caused unstable dynamics, loss of	
control	
(97) not applicable, rigid suspension	
(98) other (specify)	
(99) unknown	

40. Contributing Factor Related to the Exhaust-System Condition (00) no contribution (01) hot exhaust system caused contact burns (02) exhaust-system components involved in contact impact (03) hot exhaust-system components were fire ignition source (04) exhaust-system noise prevented motorcyclist from hearing critical traffic sounds (05) exhaust-system noise caused motorcyclist fatigue and inattention (as claimed by rider) (06) exhaust system noise alerted other-vehicle driver of motorcycle presence, but could not avoid collision (97) not applicable, no exhaust system (98) other (specify) (99) unknown 41. Contributing Motorcycle-Vehicle Failure (00) no contribution

(07) vehicle structural failure, other than suspension, tire, or

(01) tire or wheel failure (02) brake failure (03) steering failure

(05) electrical failure (06) suspension failure

wheel (98) other (specify) _ (99) unknown

(04) power-transmission failure

43. V	Vas the Cargo/Luggage a Contributing Factor?
` '	no contribution
	cargo/luggage came loose, caused rider loss of control
	cargo/luggage interfered with controls, caused loss of control
` '	cargo/luggage interfered with controls, prevented successful collision-avoidance action
(04)	cargo/luggage entrapped in rear suspension or wheel
(05)	cargo/luggage entrapped in front suspension or wheel
	cargo/luggage against motor and exhaust system, heat damage or fire caused rider distraction
	cargo/luggage container began to spill contents, distractive rider
(97)	not applicable, no cargo or luggage
(98)	other (specify)
	unknown

42. Was a Pre-Crash Fire a Contributing Factor?

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A-11. RIDER/OCCUPANT INJURY DATA-COLLECTION FORM

Case Number
Motorcycle or Motor Vehicle Number
Rider/Occupant Number

INJURY DATA

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

Table 7. Rider/Occupant Injury Form.

			AIS 2	005	1					Injury	Injury	Occupant		
Source of Injury Data	Body Region	Type of Anatomic Structure	Specific Anatomic Structure	Level of Injury	Severity	Localizer 1	Localizer 2	1st Injury Source	2nd Injury Source	Source Conf. Level 1	Source Conf. Level 2	Direct/ Indirect Injury	FCI	ICD-9
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130	131	132	133	134	135
136	137	138	139	140	141	142	143	144	145	146	147	148	149	150

			AIS 2	005						Injury	Injury	Occupant		
Source of Injury Data	Body Region	Type of Anatomic Structure	Specific Anatomic Structure	Level of Injury	Severity	Localizer 1	Localizer 2	1st Injury Source	2nd Injury Source	Source Conf. Level 1	Injury Source Conf. Level 2	Occupant Direct/ Indirect Injury	FCI	ICD-9
						<u> </u>								

= no data available.

OCCUPANT INJURY CLASSIFICATION

Source of Injury Data

Official Records

- (1) autopsy records with or without hospital/medical records
- (2) hospital/medical records other than emergency room (e.g., discharge summary)
- (3) emergency room records only (including associated X-rays or other laboratory reports)
- (4) private physician, walk-in or emergency clinic **Unofficial Records**
- (5) lay coroner report
- (6) EMS personnel
- (7) interviewee
- (8) other source (specify)
- (9) police

Body Region

- (0) other trauma
- (1) head
- (2) face
- (3) neck
- (4) thorax
- (5) abdomen
- (6) spine
- (7) upper extremity
- (8) lower extremity
- (9) external (skin) and thermal

Type of Anatomic Structure

- (0) whole area NFS
- (1) skin
- (2) vessels
- (3) nerves
- (4) organs, including muscles, ligaments, and tendons
- (5) skeletal
- (6) head, concussive injury
- (7) joints

Specific Anatomic Structure

SEE AIS 2005 CODING MANUAL⁽⁷⁾

Vessels, Nerves, Organs, Bones, Joints are assigned consecutive two-digit numbers beginning with 00.

Level of Injury

Specific injuries are assigned consecutive two-digit numbers beginning with 00.

To the extent possible, within the organizational framework of the AIS, 00 is assigned to an injury NFS as to severity or where only one injury is given in the dictionary for that anatomic structure. 99 is assigned to any injury NFS as to lesion or severity.

Severity

- (1) minor injury
- (5) critical injury
- (6) maximum (untreatable)
- (9) injured,
- (2) moderate injury
- (3) serious injury
- (4) severe injury
- unknown severity

Localizer 1 and 2

SEE AIS 2005 CODING MANUAL⁽⁷⁾

Localizer 1 _	
Localizer 2	

Injury Source 1st and 2nd

SEE INJURY-SOURCE CODES ON THE FOLLOWING PAGE

1st Injury Source	 	
2nd Injury Source	 	

Injury Source Confidence Level 1 and 2

I	Level	l
I	Level 2	2

- (1) certain
- (2) probable
- (3) possible
- (9) unknown

Occupant Direct/Indirect Injury

- (1) direct-contact injury
- (2) indirect-contact injury
- (3) noncontact injury
- (7) injured, unknown source

Functional Capacity Index (FCI)

SEE AIS 2005 CODING MANUAL⁽⁷⁾

Injury Source 1st and 2nd

Motor Vehicle (MV) Front

- (001) windshield
- (002) mirror
- (003) sun visor
- (004) steering-wheel rim
- (005) steering-wheel hub/spoke
- (006) steering wheel (combination of codes 004 and 005)
- (007) steering column, transmission selector lever, or other attachment
- (008) cellular telephone or CB radio
- (009) add-on equipment (e.g., tape deck and air conditioner)
- (010) left instrument panel and below
- (011) center instrument panel and below
- (012) right instrument panel and below
- (013) glove-compartment door
- (014) knee bolster
- (015) windshield, including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, mirror, or steering assembly (driver side only)
- (016) windshield, including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only)
- (017) windshield, reinforced by exterior object (specify)
- (019) other front object (specify)

MV Left Side

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

MV Right Side

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

MV Interior

- (151) seat, back support
- (152) belt-restraint webbing/buckle
- (153) belt-restraint B-pillar or doorframe attachment point
- (154) other restraint-system component (specify)
- (155) head-restraint system
- (160) other occupants (specify)
- (161) interior loose objects
- (162) child-safety seat (specify)
- (163) other interior object (specify)

MV Airbag

- (170) airbag (driver side)
- (171) airbag (driver side) and eyewear
- (172) airbag (driver side) and jewelry
- (173) airbag (driver side) and object held
- (174) airbag (driver side) and object in mouth
- (175) airbag-compartment cover (driver side)
- (176) airbag-compartment cover (driver side) and eyewear
- (177) airbag-compartment cover (driver side) and jewelry
- (178) airbag-compartment cover (driver side) and object held
- (179) airbag-compartment cover (driver side) and object in mouth
- (180) airbag (passenger side)
- (181) airbag (passenger side) and eyewear
- (182) airbag (passenger side) and jewelry
- (183) airbag (passenger side) and object held
- (184) airbag (passenger side) and object in mouth
- (185) airbag compartment cover (passenger side)
- (186) airbag-compartment cover (passenger side) and eyewear
- (187) airbag-compartment cover (passenger side) and jewelry
- (188) airbag-compartment cover (passenger side) and object held
- (189) airbag-compartment cover (passenger side) and object in mouth
- (190) other airbag (specify)
- (195) other airbag-compartment cover (specify)

MV Roof

- (201) front header
- (202) rear header
- (203) roof left-side rail
- (204) roof right-side rail
- (205) roof or convertible top

MV Floor

- (251) floor (including toe pan)
- (252) floor- or console-mounted transmission lever (including console)
- (253) parking-brake handle
- (254) foot controls (including parking brake)

MV Rear (301) backlight (rear window) (302) backlight storage rack, door, etc. (303) other rear object (specify) MV Adaptive (Assistive) Driving Equipment (401) hand controls for braking/acceleration (402) steering control devices (attached to OEM steering wheel) (403) steering knob attached to steering wheel (404) replacement steering wheel (i.e., reduced diameter) (405) joy stick steering controls (406) wheelchair tie-downs (407) modification to seat belts, (specify)

(408) additional or relocated switches, (specify)

(409) raised roof

(410) wall mounted head rest (used behind wheel chair)

(411) other adaptive device (specify)

Exterior of MV Occupant's Vehicle

(451) hood

(452) outside hardware (e.g., outside mirror, antenna)

(453) other exterior surface or tires (specify)

(454) unknown exterior objects

Exterior of Other MV

(501) front bumper

(502) hood edge

(503) other front of vehicle (specify)

(504) hood

(505) hood ornament

(506) windshield, roof rail, a-pillar

(507) side surface

(508) side mirrors

(509) other side protrusions (specify)

(510) rear surface

(511) undercarriage

(512) tires and wheels

(513) other exterior of other motor vehicle (specify)

(514) unknown exterior of other motor vehicle

Other Vehicle or Object in the Environment

(551) ground

(552) utility pole

(553) building

(554) guardrail

(555) tree

(598) other vehicle or object (specify)

(599) unknown vehicle or object

Noncontact Injury

(601) fire in vehicle

(602) flying glass

(603) other noncontact injury source (specify)

(604) air bag exhaust gases

(697) injured, unknown source

Injury Source Motorcycle

(701) front crash bars

(702) rear crash bars

(703) engine guard

(704) windscreen

(705) fairing

(706) headlamps

(707) front reflector

(708) front turn signals

(709) instrument panel

(710) GPS/navigation system

(711) entertainment/radio/CD controls

(712) cruise control

(713) ignition/power control

(714) intercom/two-way radio control

(715) handlebar

(716) throttle

(717) clutch lever

(718) brake lever

(719) right-side rearview mirrors, posts

(720) left-side rearview mirrors, posts

(721) front suspension

(722) front tire/wheel

(723) front fender

(724) front brakes

(725) seat

(726) sissy bar/passenger backrest

(727) side reflectors

(728) frame

(729) grab rails/handholds

(730) armrests

(731) fuel tank

(732) auxiliary fuel tank

(733) radiator

(734) battery, battery box

(735) rear brake pedal

(736) shift lever

(737) foot pegs, footrests

(738) highway pegs/footrests

(739) side stand

(740) center stand

(741) muffler/exhaust system

(742) drive chain/belt

(Continued on next page.)

(743) drive shaft (744) tank bag (745) luggage/cargo rack (746) parcel rack (747) saddlebags (748) rear-position lamps (749) stop lamp (750) rear reflectors (751) rear turn signals (752) rear tire/wheel (753) rear fender (754) rear brakes (755) tools, toolbox (756) cupholder (757) side covers (758) trailer (759) side car (798) other motorcycle component (specify) (799) unknown motorcycle component Other (996) helmet (997) not applicable

(998) other (specify)

(999) unknown injury source

INJURY DATA—SOFT TISSUE INJURIES

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

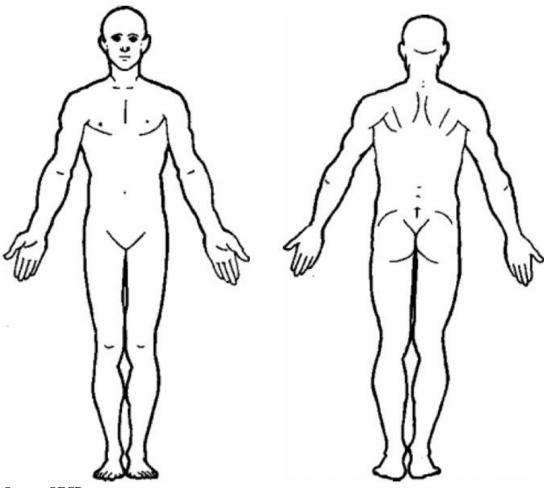


Figure 11. Illustration. Rider/occupant—front and back of human body.

INJURY DATA—SKELETALINJURIES

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

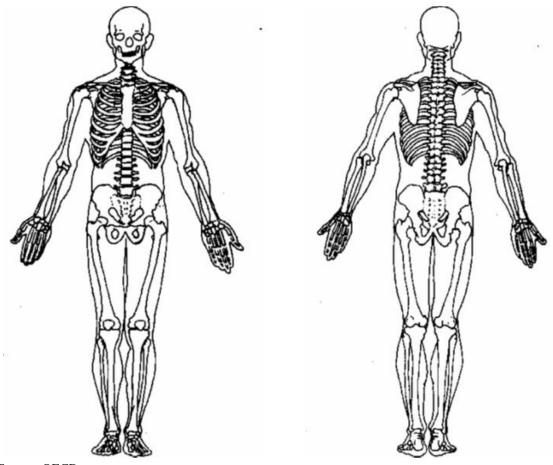


Figure 12. Illustration. Rider/occupant—front and back of human body with skeleton.

INJURY DATA—INTERNAL INJURIES

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

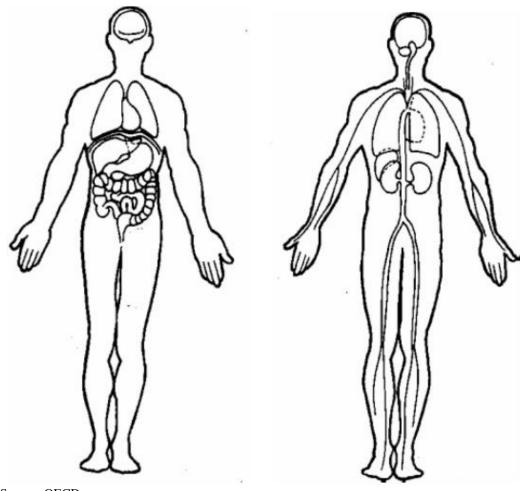


Figure 13. Illustration. Rider/occupant—front and back of human body with internal organs.

Table 8. Example of blank Injury Severity Score (ISS) worksheet.

ISS Region	Injury	AIS Code	Highest AIS in Three Worst Regions	Highest AIS Code Squared
Head				
Face				
Chest				
Abdominal/pelvic contents				
Extremities/pelvic girdle				
General (external)				
			157. Injury Severity Score:	

Note: ISS equals the sum of squares of the highest AIS (severity) code in each of the three most severely injured areas.

TRAUMA STATUS FORM

158. Trauma Status

- (00) no medical aid sought
- (01) first aid at scene only
- (02) treated at hospital/clinic and released
- (03) hospitalized (code number of days in # 159)
- (04) disabled, institutionalized
- (05) fatal, dead on scene
- (06) fatal, dead on arrival at hospital
- (07) fatal, other (code number of days until death in # 160)
- (08) treated at scene and transported to hospital NFS
- (98) other (specify)
- (99) unknown

159. Number of Days of Hospital Admission

- (00) not hospitalized
- (01–95) actual number of days
- (96) 96 days or more
- (98) other (specify)
- (99) unknown

160. Death Within How Many Days?

- (00) not fatal
- (01–30) actual number of days
- (98) other (specify)
- (99) unknown

A-12. OTHER VEHICLE DRIVER DATA-COLLECTION FORM

The following form is a blank form.							
Other Vehicle Driver Form	Case Number						
	Motor Veh	nicle Number _					
	Source:	□ Rider	☐ Surrogate				
DRIVER'S DESCRIPTION OF	F CRASH EVENTS AN	ND RELATED	FACTORS				

SPECIFIC QUESTIONS TO ASK INTERVIEWEE

CRASH DIAGRAM

Use this diagram to aid in relating interview crash trajectory data to identifiable objects in the environment.	
North	

PRE-CRASH DATA

1. How Were You Operating Your Motor Vehicle/ Motorcycle Immediately Prior to the Crash?

Motorcycle Immediately Prior to the Crash?
(00) stopped in traffic, speed is zero
(01) moving in a straight line, constant speed
(02) moving in a straight line, foot off accelerator/throttle
(03) moving in a straight line, braking
(04) moving in a straight line, accelerating
(05) turning right, constant speed
(06) turning right, foot off accelerator/throttle
(07) turning right, braking
(08) turning right, accelerating
(09) turning left, constant speed
(10) turning left, foot off accelerator/throttle
(11) turning left, braking
(12) turning left, accelerating
(13) stopped at roadside or parked
(14) backing up in a straight line
(15) backing up, steering left
(16) backing up, steering right
(17) making U-turn, right
(18) making U-turn, left
(19) making Y-turn, right
(20) making Y-turn, left
(21) changing lanes to left
(22) changing lanes to right
(23) merging to left
(24) merging to right
(25) entering traffic from right shoulder, median, or parked
(26) entering traffic from left shoulder, median, or parked
(27) leaving traffic, turn out to right
(28) leaving traffic, turn out to left
(29) passing maneuver, passing on right
(30) passing maneuver, passing on left
(31) crossing opposing lanes of traffic
(32) traveling wrong way, against opposing traffic
(33) stripe riding, filtering forward between lanes, longitudinal
motion only
(34) filtering forward between lanes, lateral motion only
(35) filtering forward between lanes, both longitudinal and
lateral motions
(36) collision-avoidance maneuver to avoid a different collision
(37) negotiating a curve, constant speed
(38) negotiating a curve, foot off accelerator/throttle
(39) negotiating a curve, braking
(40) negotiating a curve, accelerating
(97) not applicable
(98) other (specify)
(99) unknown
(22) 6111110 WII

2. Where Were You Looking Prior to the Start of the Crash Sequence?

Sequence:	
(01) looking straight ahead (02) looking right (03) looking left (04) looking rearward (05) looking at own motorcycle (06) scanning, not further specified (98) other (specify)	
(99) unknown3. In Which Lane Were You Traveling Just Before Precipitating Event?	the
(01) lane one (right curb lane) (02) lane two (03) lane three (04) lane four (05) designated right-turn lane(s) (06) designated left-turn lane(s) (07) lane splitting (08) wrong way in opposing lanes (97) not applicable, not in a travel lane (98) other (specify) (99) unknown 4. What Was Your Travel Speed Just Before the Precipitating Event?	
(00) stopped (01–95) actual miles per hour (96) 96 mph or greater (98) other (specify)	
5. What Collision-Avoidance Actions Were You Ta (If Any)? CODE UP TO THREE	king
-	
(00) no avoidance actions	
(01) braking (02) steering	
(03) braking and steering	
(04) accelerating	
(05) steering and accelerating (06) releasing brakes	
(07) honked horn	

(08) flashing headlamps (98) other (specify) _____ (99) unknown

6. Was there Any Control Loss Due to Weather, Roadway, or Mechanical Problems?	11. Was Your View of the Motorcycle/Vehicle Obscured?
	(00) no, not obscured
(00) no control loss due to weather, roadway, or mechanical	(01) yes, obscured by sun glare
problems	(02) yes, obscured by headlight glare
(01) yes, control loss due to weather	(03) yes, obscured by other glare (specify)
(02) yes, control loss due to mechanical problems	
(03) yes, control loss due to both weather and mechanical	(04) yes, obscured by darkness
problems	(05) yes, obscured by nighttime and color of vehicle
(04) yes, control loss due to roadway problems	(06) obscured by dust, smoke, smog, or fog
(05) yes, control loss due to weather and roadway problems	(07) obscured by windshield/windscreen or eyewear condition
(06) yes, control loss due to roadway and mechanical problems	(dirt, condensation, etc.)
(07) yes, control loss due to all three	(97) not applicable
(98) other (specify)	(98) other (specify)
(99) unknown	(99) unknown
7. How Many Passengers Were in Your Vehicle?	SITUATION
(00) none (skip to # 9)	12. Were You Distracted by Any of the Following?
(01–08) actual number of passengers	
(09) nine or more	(00) attentive and not distracted
(99) unknown	(01) looked but did not see
8. Did the Passengers in Your Vehicle Contribute to the	Distractions
Crash?	(02) other occupants (specify)
(00) passengers present, but they made no contribution to the crash	(03) moving object in vehicle (specify)
(01) yes, passenger activities distracted driver and contributed to the crash	(04) while talking or listening to cellular phone/intercom/ shortwave radio (specify location and type of device)
(02) yes, passenger interfered with vehicle control and	shortwave radio (specify location and type of device)
contributed to the crash	(05) while dialing cellular phone/intercom/shortwave radio
(97) not applicable, no passengers	(specify location and type of device)
(98) other (specify)	(specify focution and type of device)
(99) unknown	(06) while adjusting climate controls
	(07) while adjusting radio/cassette/CD (specify)
9. Was Your Line of Sight to the Motorcycle Clear?	
(00) no (chin to # 10)	(08) while using other device/controls integral to vehicle
(00) no (skip to # 10) (01) yes, clear	(specify)
(02) MC/other vehicle in mirror blind spot	(09) while using/reaching for device/object brought into vehicle
(98) other (specify)	(specify)
(99) unknown	(10) sleepy or fell asleep
(77) ulikilowii	(11) distracted by outside person/object/event (specify)
10. What Obstructed Your View?	(12) eating or drinking
(00)	(13) smoking related
(00) no obstruction	(14) while listening to or adjusting GPS device
(01) view obstructed by road curvature	(96) distracted, details unknown
(02) view obstructed by roadway grade (03) view obstructed by roadside objects (shrubs, vehicles,	(98) other (specify)
buildings)	(99) unknown
(04) obstructed by other vehicles/traffic	
(97) not applicable	
(98) other (specify)	
(99) unknown	

TRIP INFORMATION

13. Where Did Your Trip Begin Today? USE ZEROS TO FILL IN BLANKS ____ hours ___ minutes (01) home (02) work, business (00–59) minutes (03) recreation/social (00-24) hours (04) school (97-97) not applicable (05) errand, shopping (98-98) other (specify) (06) family, friends, relatives (99-99) unknown (07) meals, restaurant, café, etc. (08) transport someone 18. How Many Miles Have You Gone Since Your Trip (09) medical/dental Departure? (10) bar/pub (11) religious activity (001) 1 mile or less (12) personal business/obligations (002-995) actual number of miles (98) other (specify) _ (996) 996 miles or greater (99) unknown (997) not applicable, had not yet begun trip (998) other (specify) 14. What Was Your Trip Destination? (999) unknown (01) home **IMPAIRMENT** (02) work, business (03) recreation/social 19. Do You Have Any of the Following Permanent Physical (04) school Conditions? CODE UP TO THREE; INPUT 00 FOR REMAINING (05) errand, shopping (06) family, friends, relatives RESPONSES (07) meals, restaurant, café, etc. (08) transport someone (09) medical/dental (10) bar/pub (00) no (11) religious activity (01) vision reduction or loss (12) personal business/obligations (02) hearing reduction or loss (13) no destination, joy riding (03) respiratory, cardiovascular condition (98) other (specify) (04) paraplegia (99) unknown (05) amputee (06) neurological, epilepsy, stroke 15. About How Many Miles Would the Trip be One Way? (07) endocrine system, diabetes, digestive system (08) infirmity, arthritis, senility (001) 1 mile or less (98) other (specify) (002-995) actual number of miles (99) unknown (996) 996 miles or greater (997) not applicable 20. At the Time of the Crash, Were You Experiencing Any (999) unknown of the Following? CODE UP TO THREE; INPUT 00 FOR REMAINING 16. How Frequently Do You Travel This Road on/in Any RESPONSES Vehicle? (01) first time (02) daily use (i.e., once per day) (00) no (03) weekly use (i.e., once per week) (01) fatigue (04) monthly use (i.e., once per month) (02) hunger (05) quarterly (i.e., once per quarter) (03) thirst (06) annually (i.e., once per year) (04) elimination urgency (07) less than annually (05) muscle spasm, cramp, itch (99) unknown (06) headache, minor malaise, fever (07) siesta syndrome (tired in afternoon) (98) other (specify) (99) unknown

17. How Long Have You Been Driving Today Since Your

Trip Departure?

Any of the Following James?	RIDING/DRIVING EXPERIENCE
Any of the Following Issues? CODE UP TO THREE; INPUT 00 FOR REMAINING RESPONSES	26. How Long Have You Been Driving Any Kind of Motor Vehicle?
	USE ZEROS TO FILL IN BLANKS
	yearsmonths
	(00-00) this is the first time
(00) no problems	(00–11) months
(01) conflict with friends, relatives, divorce, separation	(00–96) years
(02) work-related problems	(98-98) other (specify)
(03) financial distress	(99-99) unknown
(04) school problems	
(05) legal, police problems	27. How Long Have You Been Driving the Crash-Involved
(06) reward stress	Motor Vehicle/Motorcycle?
(07) traffic conflict, road rage	USE ZEROS TO FILL IN BLANKS
(08) death of family or friend	yearsmonths (00-00) this is the first time
(98) other (specify)(99) unknown	(00-00) this is the first time $(00-11)$ months
(99) ulikilowii	(00–96) years
22. How Many Hours of Sleep Did You Have in the	(98-98) other (specify)
24 Hours Prior to the Crash?	(99-99) unknown
24 Hours From to the Crash.	(77-77) ulikliowii
(00) no sleep	28. About How Many Miles per Year Do You Drive a Car
(01–24) number of hours slept	or Truck?
(98) other (specify)	
(99) unknown	(00000) none
	(00001–99995) actual number of miles
23. Did You Drink Any Alcohol or Take Any Drugs or	(99996) 99,996 miles or greater
Medications Within the 24 Hours Prior to the	(99998) other (specify)
Crash?	(99999) unknown
(00) no (skip to # 26)	29. What Kind of Driver Training Have You Had?
(01) alcohol use only (skip to # 26)	(00)
(02) drug/medication use only	(00) none
(03) combined alcohol and drug/medication use	(01) State-recognized, entry-level motorcycle course (02) experienced-rider course
(98) other (specify)(99) unknown	(02) experienced-rider course (03) high-performance/competitive-track course
(99) ulikilowii	(04) self-taught
24. What Type of Drugs Other Than Alcohol?	(05) taught by family and/or friends
24. What Type of Drugs Other Than Alcohor.	(06) State-recognized, entry-level passenger vehicle course
(00) no drugs other than alcohol	(07) professional training for a commercial license
(01) stimulant	(08) compulsory motor vehicle training ordered by judge,
(02) depressant	police, etc.
(03) drugs taken, type unknown	(98) other (specify)
(04) multiple drugs taken	(99) unknown
(05) blood pressure/blood thinner	
(97) not applicable	30. How Many Moving Traffic Convictions Have You Had
(98) other (specify)	in the Previous 5 Years?
(99) unknown	CODE THE TOTAL NUMBER OF MOVING TRAFFIC CONVICTIONS—ANY VEHICLE
25. What Is the Source of Drugs Other Than Alcohol?	
	(00) none
(00) no drugs other than alcohol	(01–96) actual number of convictions
(01) prescription	(99) unknown
(02) nonprescription, over the counter	
(03) illegal	
(97) not applicable	
(99) unknown	

31. How Many Motorcycle Moving Traffic Crashes Have You Had in the Past 5 Years? CODE THE TOTAL NUMBER OF PREVIOUS MOTORCYCLE CRASHES	37. When You Ride or Drive, What Is the Percentage of Time You Ride a Motorcycle Versus Drive Another Type of Vehicle? INDICATE PERCENTAGE OF TOTAL RIDING/DRIVING TIME FOR EACH CATEGORY
(00) none	Motorcycle
(01–96) actual number of crashes	Other-Vehicle Types
(99) unknown	100%
32. How Many Car or Truck Traffic Crashes Have You Had in the Past 5 Years? CODE THE TOTAL NUMBER OF PREVIOUS CAR OR TRUCK CRASHES	(000) first-time use (001–100) actual percentage of time (997) not applicable (999) unknown
(00) none (01–96) actual number of crashes (99) unknown	38. When You Ride a Motorcycle, What Is the Percentage of Time It Is for Each of these Categories? INDICATE PERCENTAGE OF TOTAL RIDING/DRIVING TIME FOR EACH CATEGORY Recreation
33. Do You Currently Ride a Street Motorcycle?	Basic Transportation
(00) no (01) yes (02) refused to answer (98) other (specify)	(000) first-time use (001–100) actual percentage of time (997) not applicable, not a rider (999) unknown
(99) unknown	BACKGROUND INFORMATION
IF NOT CURRENTLY OPERATING A MOTORCYCLE, CODE # 34–38 AS N/A; RESUME AT # 41	39. How Old Were You at the Time of the Crash?
34. How Long Have You Operated a Street Motorcycle? USE ZEROS TO FILL IN BLANKS	(01–96) actual age in years (99) unknown
years months (00-00) just started (00-11) months	40. Were You Injured in This Crash?
(00–96) years	(00) no injuries (skip to # 42)
(97-97) not applicable, not currently riding	(01) yes
(98-98) other (specify)	(99) unknown
(99-99) unknown	41. What Kind of Medical Treatment Did You Receive?
35. What Is the Average Number of Days per Year You Ride Motorcycles?	(00) no treatment (01) on-scene emergency care only
(001–365) actual number of days per year	(02) treated and released at hospital/trauma center
(997) not applicable, just started	(03) admitted to hospital/trauma center
(998) other (specify)	(04) walk-in clinic
(999) unknown	(05) private physician
	(97) not applicable, no injury
36. About How Many Miles per Year Do You Ride Motorcycles?	(98) other (specify)(99) unknown
(00000) none (00001–99995) actual number of miles (99996) 99,996 miles or greater	42. What State/Country Issued Your Current Driver's License?
(99997) not applicable; not currently riding or just started	(00) no license
(99998) other (specify)	(01) Canada
(99999) unknown	(02) California
	(03) other State (specify)
	(04) military
	(97) no license required (49 cc scooter)
	(98) other (specify)
	(99) unknown

43. What Kind of Operator's License Is It?	48. What Is Your Height?
CODE UP TO FOUR; INPUT 97 FOR REMAINING	feet inches
RESPONSES	(01–12) actual number of feet and inches
	(09-99) unknown
	49. What Is Your Weight?
(00) 1:	(001–996) actual weight in pounds
(00) no license	(999) unknown
(01) learner's permit only	(777) unknown
(02) motorcycle license	50. What Is Your Gender?
(03) automobile license	50. What is Your Gender:
(04) commercial license	(01)
(05) motorcycle driver and competition license	(01) male
(06) license to transport people	(02) female
(07) heavy-truck license	(99) unknown
(08) no license required (49 cc scooter)	#4 XX XX XX XX XX XX XX XX XX
(97) not applicable	51. How Much Formal Education Have You Had?
(98) other (specify)	
(99) unknown	(00) no formal schooling
	(01) less than high school diploma
44. What Year Was/Were the License(s) Issued?	(02) high school diploma or GED
LIST IN THE SAME ORDER AS LICENSES IN # 43	(03) partial college/university
EIGT IV THE STATE ORDER TIS EIGEN GES IV # 13	(04) college/university graduate
	(05) graduate school, advanced degree, professional degree
	(06) specialty/technical school
	(98) other (specify)
	(99) unknown
(1900–2100) actual year of issuance	(77) dilkilo wii
(9997) not applicable (9999) unknown	52. What Is Your Current Occupation?
45. Does Your License Qualify You to Operate This Motor	(01) management
Vehicle?	(02) business and financial
venicie:	(03) computer and mathematical
(00)	(04) architecture and engineering
(00) no	(05) life, physical, and social sciences
(01) yes	(06) community and social services
(97) not applicable	(07) legal
(99) unknown	(08) education, training, or library
46 1 77 977 1 7 1 9 1 9	(09) arts, design, entertainment, sports, or media
46. Are You of Hispanic or Latino Origin?	(10) healthcare practitioners and technical jobs
	(11) healthcare support
(00) no	(12) protective services
(01) yes	(13) food preparation, serving, and related
(02) refused to answer	(14) building and grounds maintenance
(98) other (specify)	(15) personal care and services
(99) unknown	(16) sales and related
	(17) office and administrative support
47. What Is Your Race?	(17) office and administrative support (18) farming, fishing, or forestry
CODE UP TO THREE; INPUT 97 FOR REMAINING	(19) construction or extraction
RESPONSES	
	(20) installation, maintenance, or repair
 _	(21) transportation and material moving
	(22) military
(01) White	(23) full-time student
(02) Black or African American	(97) not applicable, not in workforce at present
	(98) other (specify)
(03) Asian	(99) unknown
(04) Native Hawaiian or other Pacific Islander	
(05) American Indian or Alaska native	
(06) refused to answer	
(97) not applicable	
(98) other (specify)	
(99) unknown	

83. Are You Required to Wear Corrective Lenses When Riding/Driving?	CODE RESULTS IN mg/100 ml
(00) no (skip to # 55)	(000) negative BAC
(01) yes	(001–900) test results (mg/100 ml)
(98) other (specify)	(995) BAC tested, results not known
(99) unknown	(996) BAC not tested
	(998) other (specify)
54. Were You Wearing Corrective Lenses at the Time of the Crash?	(999) unknown
	58. Source of BAC Information?
(00) no	
(01) yes	(00) not tested
(98) other (specify)	(01) breath test
(99) unknown	(02) unknown if tested
	(03) tested, results unknown
55. Are You Married?	(04) tested, results not available
	(05) official records/ER/autopsy/PAR
(01) single	(98) other (specify)
(02) married	(99) unknown
(03) separated	
(04) divorced	
(05) widowed	
(06) cohabitating	
(98) other (specify)	
(99) unknown	
56. How Many Children Do You Have?	
(00)	
(00) none	
(01) one	
(02) two	
(03) three	
(04) four	
(05) five	
(06) six or more	
(98) other (specify)	
(99) unknown	

INJURY DATA—SOFT TISSUE INJURIES

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

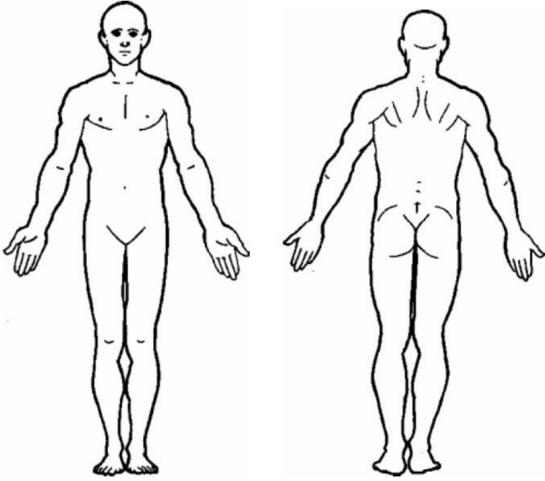


Figure 14. Illustration. Other-vehicle driver—front and back of human body.

INJURY DATA—SKELETAL INJURIES

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

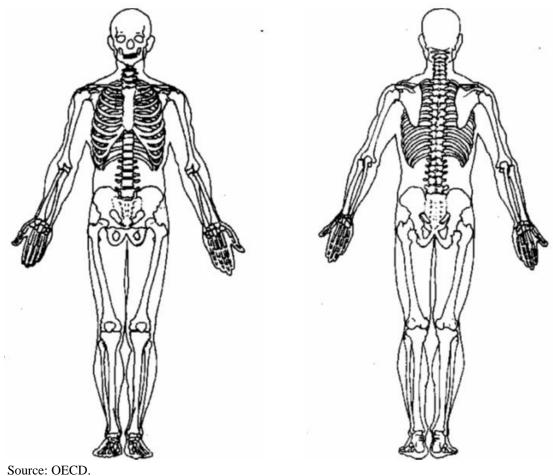


Figure 15. Illustration. Other-vehicle driver—front and back of human body with skeleton.

INJURY DATA—INTERNAL INJURIES

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

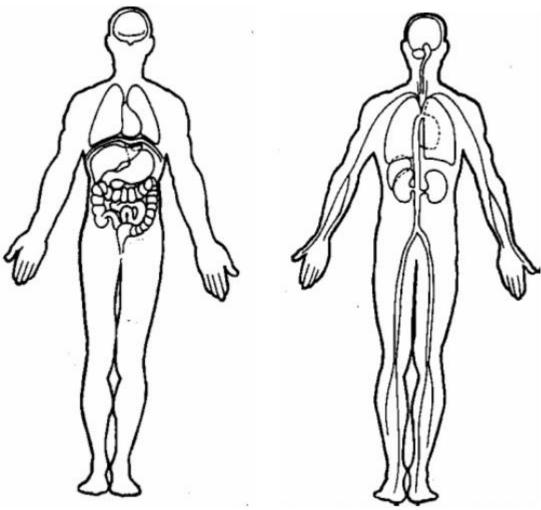


Figure 16. Illustration. Other-vehicle driver—front and back of human body with internal organs.

A-13. OTHER VEHICLE DATA-COLLECTION FORM

The following form is a blank form.

Other Vehicle Form	Case Number
	Vehicle Number
MECHANICAL FACTORS	7. Is This Vehicle Equipped With ABS?
1. Vehicle Body Type	(00) no
	(01) yes, equipped, rear only
Vehicle Body Type	(02) yes, equipped, front and rear
(01) automobiles	(97) not applicable
(02) automobile derivatives	(98) other (specify)
(03) utility vehicles	(99) unknown
(04) van-based light trucks	
(05) light conventional trucks	8. Did This Vehicle Experience Mechanical Problems?
(06) other light trucks	
(07) buses (excludes van based)	(00) none
(08) medium/heavy trucks	(01) tire or wheel failure
(09) motored cycles	(02) brake failure
(10) other vehicles (specify)	(03) steering failure
(99) unknown body type	(04) power-transmission failure
	(05) electrical failure
2. Vehicle Manufacturer	(06) suspension failure
SEE CODING MANUAL FOR CODES AND DEFINITIONS	(07) vehicle structural failure other than suspension, tire, or wheel
	(08) maintenance-related mechanical problem
Vehicle Manufacturer	(97) not applicable
(999) unknown motorcycle	(98) other (specify)
	(99) unknown
3. Vehicle Model	
Vehicle Model Vehicle Model (99-999) unknown manufacturer and vehicle	
(99-999) unknown manufacturer and vehicle	
4. Model Year	
(1900+) current data-collection year plus 1 (9999) unknown	
5. Vehicle Identification Number	
(00000000000000000) VIN not required on vehicle (9999999999999) VIN unknown	
6. Vehicle Curb Weight in Pounds	
(100–99996) curb weight of vehicle in pounds (99999) unknown	

VEHICLE DYNAMICS

(97) not applicable

(99) unknown

9. Pre-Crash Motion Prior to Precipitating Event (00) stopped in traffic, speed is zero (01) moving in a straight line, constant speed (00) stopped in traffic, speed is zero (02) moving in a straight line, foot off accelerator/throttle off (01) moving in a straight line, constant speed (03) moving in a straight line, braking (02) moving in a straight line, foot off accelerator/throttle off (04) moving in a straight line, accelerating (03) moving in a straight line, braking (05) turning right, constant speed (04) moving in a straight line, accelerating (06) turning right, foot off accelerator/throttle off (05) turning right, constant speed (07) turning right, braking (06) turning right, foot off accelerator/throttle off (08) turning right, accelerating (07) turning right, braking (09) turning left, constant speed (08) turning right, accelerating (10) turning left, foot off accelerator/throttle off (09) turning left, constant speed (11) turning left, braking (10) turning left, foot off accelerator/throttle off (12) turning left, accelerating (13) stopped at roadside or parked (11) turning left, braking (12) turning left, accelerating (14) backing up in a straight line (13) stopped at roadside or parked (15) backing up, steering left (14) backing up in a straight line (16) backing up, steering right (15) backing up, steering left (17) making U-turn, right (16) backing up, steering right (18) making U-turn, left (19) making Y-turn, right (17) making U-turn, right (20) making Y-turn, left (18) making U-turn, left (19) making Y-turn, right (21) changing lanes to left (20) making Y-turn, left (22) changing lanes to right (21) changing lanes to left (23) merging to left (22) changing lanes to right (24) merging to right (23) merging to left (25) entering traffic from right shoulder, median, or parked (24) merging to right (26) entering traffic from left shoulder, median, or parked (25) entering traffic from right shoulder, median, or parked (27) leaving traffic, turn out to right (26) entering traffic from left shoulder, median, or parked (28) leaving traffic, turn out to left (27) leaving traffic, turn out to right (29) passing maneuver, passing on right (28) leaving traffic, turn out to left (30) passing maneuver, passing on left (29) passing maneuver, passing on right (31) crossing opposing lanes of traffic (30) passing maneuver, passing on left (32) traveling wrong way, against opposing traffic (31) crossing opposing lanes of traffic (36) collision-avoidance maneuver to avoid a different collision (32) traveling wrong way, against opposing traffic (37) negotiating a curve, constant speed (36) collision-avoidance maneuver to avoid a different collision (38) negotiating a curve, foot off accelerator/throttle off (39) negotiating a curve, braking (37) negotiating a curve, constant speed (38) negotiating a curve, foot off accelerator/throttle off (40) negotiating a curve, accelerating (39) negotiating a curve, braking (97) not applicable (40) negotiating a curve, accelerating (98) other (specify) (97) not applicable (99) unknown (98) other (specify) (99) unknown 13. Collision-Avoidance Action CODE UP TO FOUR: INPUT 00 FOR REMAINING 10. Travel Speed at Time of Precipitating Event RESPONSES CODE IN MILES PER HOUR, WHOLE NUMBERS ONLY (000) stopped in traffic, speed is zero (001–250) actual speed in miles per hour (999) unknown (00) none (01) braking 11. Line of Sight to Motorcycle (02) swerving USE CLOCKFACE DIRECTION, RELATIVE TO VEHICLE (03) accelerating CENTER LINE (04) countersteering (05) cornering (01-12) clockface line-of-sight position

12. Pre-Crash Motion After Precipitating Event

(98) other (specify)

(99) unknown

14. Braking Skid Marks on Roadway	17. Braking Tire-Striation Evidence
(00) none	(00) none, front or rear tires
(01) skid marks from rear tires only	(01) rear tires only
(02) skid marks from front tires only	(02) front tires only
(03) skid marks from both front and rear tires, equivalent and	(03) both front and rear tires
overlaying front and rear marks	(04) prolonged skid patch on rear tires only
(04) long skid marks from rear tires, short terminal skid marks from front tires	(05) prolonged skid patch on rear tires, plus braking striations on front tires
(05) light skid marks from both front and rear tires, no wheel-	(06) prolonged skid patch on rear tires, plus slide-out striations on
lockup evidence	front tires
(97) not applicable	(07) prolonged skid patch on rear tires, plus slide-out striations on
(98) other (specify)	both front and rear tires
(99) unknown	(97) not applicable
(55) UIIKIIOWII	(98) other (specify)
15. Length of Skid Marks on Roadway	(99) unknown
CODE IN FEET AND INCHES	(>>) unitio().
Left Front Tire feet inches	18. Acceleration Evidence on Tires
Left Rear Tire feet inches	
Right Front Tire feet inches	(00) none
Right Rear Tire feet inches	(01) moderate slip striations and tread block-edge erosion
(000.00) none, no skid marks visible	(02) severe slip striations and tread block-edge erosion
(000.01–999.96) actual length of skid marks in feet and inches	(03) extreme slip striations, tread block–edge erosion, and tread-
(999.99) unknown	rubber reversion (97) not applicable
16 Dulling Child Mark E. Chang On Day Lang	
16. Braking Skid-Mark Evidence On Roadway	(98) other (specify)(99) unknown
(00) none	(55) difficient
(00) none (01) dry-roadway braking skid marks confirmed from motor vehicle (02) wet-roadway braking skid marks confirmed from motor	19. Cornering Skid Mark Evidence On Roadway
vehicle	(00) none
(03) deep water on roadway, dynamic hydroplaning most likely, no braking skid marks remain	(01) dry-roadway cornering skid marks confirmed from motor vehicle/motorcycle
(04) wet reverted rubber skidding in evidence, white steam-cleaned	(02) wet-roadway cornering skid marks confirmed from motor
skid paths shown on roadway confirmed from motor vehicle	vehicle/motorcycle
(05) braking skid-marks evidence most likely present but degraded	(03) deep water on roadway, hydroplaning most likely, no cornering skid marks remaining
by traffic after accident, no confirmation at scene examination (06) snow/ice on roadway, braking skid marks confirmed from	(04) wet reverted rubber skidding in evidence, white steam-cleaned
other vehicles (97) not applicable	cornering skid paths shown on roadway confirmed from motor vehicle/motorcycle
(98) other (specify)	(05) cornering skid-marks evidence most likely present, but
(99) unknown	degraded by traffic after accident, no confirmation at scene examination
	(06) snow/ice on roadway, cornering skid marks confirmed from other vehicle
	(97) not applicable
	(98) other (specify)
	(99) unknown
	20. Cornering Tire-Striation Evidence
	(00) none
	(01) right-cornering tire striations, rear tires only
	(02) right-cornering tire striations, front tires only
	(03) right-cornering striations, both front and rear tires
	(04) left-cornering tire striations, rear tires only
	(05) left-cornering tire striations, front tires only
	(06) left-cornering tire striations, both front and rear tires
	(97) not applicable

(98) other (specify) (99) unknown

CRASH MOTION AT IMPACT

21. Other-Vehicle First-Collision Contact Code

Code the appropriate vehicle component, plus "L," "R," or "C" for left, right, or center of OV longitudinal center line, respectively (i.e., "front bumper, left of center line" is coded as "F01L").

F: Vehicle Front

- (F01) bumper
- (F02) push bar, bull bar
- (F03) grill
- (F04) front corner, headlamp nacelle
- (F05) front edge or side of hood
- (F06) top of hood, front
- (F07) front side of upper A-pillar
- (F08) front cowl
- (F09) windshield lower molding
- (F10) windshield surface
- (F11) windshield header
- (F12) front roof top
- (F13) external rear view mirror
- (F14) accessory lights, light bar
- (F15) underride bar
- (F16) entire front of vehicle
- (F98) other front (specify)
- (F99) unknown front

T: Vehicle Top Surfaces

- (T01) top of hood, front
- (T02) top of hood, center
- (T03) top of hood, rear
- (T04) front cowl
- (T05) rooftop, front
- (T06) sunroof, moonroof
- (T07) rooftop, center
- (T08) rooftop, rear
- (T09) rollbar
- (T10) trunk lid, front
- (T11) trunk lid, center
- (T12) trunk lid, rear
- (T13) custom work/toolbox
- (T14) top rail of tailgate
- (T15) top rail of truck bed
- (T16) floor of truck bed
- (T17) accessory lights, light bar
- (T18) accessory equipment (air horns, etc.)
- (T19) entire top surfaces of vehicle
- (T98) other top (specify)
- (T99) unknown top

R: Vehicle Rear

- (R01) bumper
- (R02) step bumper
- (R03) push bar, bull bar
- (R04) power lift gate
- (R05) trailer hitch
- (R06) rear lamp, subtrunk panel
- (R07) top rail of tailgate
- (R08) tailgate
- (R09) rear door panel, top
- (R10) rear door panel, center
- (R11) rear door panel, bottom
- $(R12)\ rear\ door\ handles,\ hardware$
- (R13) rear corner, truck bed (R14) lower rear corner, attached truck cab
- (R15) upper rear corner, attached truck cab
- (R16) lower rear corner, van
- (R17) upper rear corner, van
- (R18) B-pillar, rear (truck only)
- (R19) truck upper rear corner of cab
- (R20) back light (window) header
- (R21) back light glass
- (R22) back light lower molding
- (R23) lower C-pillar
- (R24) upper C-pillar
- (R25) rear door frame header
- (R26) rear door or window, frame sill
- (R27) rear door side frame posts, hinges
- (R28) spare tire/spare tire housing
- (R29) accessory lights, light bar
- (R30) underride bar
- (R31) entire rear of vehicle
- (R98) other rear (specify)
- (R99) unknown rear

U: Vehicle Undercarriage

RUN OVER OR SNAG

- (U01) front of undercarriage
- (U02) rear of undercarriage
- (U03) side of undercarriage
- (U04) spare tire/spare tire mount
- (U05) entire undercarriage of vehicle
- (U98) other undercarriage (specify)
- (U99) unknown undercarriage

S: Vehicle Side

- (S01) side of front bumper
- (S02) side corner, headlamp nacelle
- (S03) front mudguard (fender)
- (S04) front mudguard (fender) wheelhouse
- (S05) front tires
- (S06) side of bonnet (hood), edge
- (S07) rocker panel, sill beam, steps
- (S08) lower A-pillar
- (S09) upper A-pillar
- (S10) front door, front
- (S11) front door, rear
- (S12) front door belt line
- (S13) front door side glass
- (S14) front door handle
- (S15) front roof rail, including drip channel molding
- (S16) rear roof rail, including drip channel molding
- (S17) lower B-pillar
- (S18) upper B-pillar
- (S19) rear door, front
- (S20) rear door, rear
- (S21) rear door belt line
- (S22) rear door side glass (window)
- (S23) rear door handle
- (S24) back light (window) side frame
- (S25) center panel (van, bus)
- (S26) lower C-pillar
- (S27) upper C-pillar
- (S28) rear mudguard (fender) wheelhouse
- (S29) rear tires
- (S30) rear mudguard (fender), rear bed side panel, rear panel
- (S31) side of boot (trunk) lid, edge
- (S32) lower rear corner
- (S33) upper rear corner
- (S34) side of rear bumper
- (S35) side mount fuel tank
- (S36) battery box, toolbox, fire extinguishers
- (S37) frame rail
- (S38) semitrailer spare tire, chain racks
- (S39) trailer landing gear, struts
- (S40) semitrailer tie down hook points, strap anchors, ratchet locks
- (S41) accessory lights, light bar
- (S42) underride bar
- (S43) external rear view mirror
- (S44) front wheel
- (S45) rear wheel
- (S98) other side (specify)

(S99) unknown side

M: Motorcycle/Moped (MCLF) left front

(MCCF) center front

(MCRF) right front

(MCLC) left center

(MCLR) left rear

(MCCR) center rear

(MCRR) right rear

(MCRC) right center

(MCTR) top rear

(MCTC) top center

(MCTF) top center (MCTF) top front (MCUR) undercarriage rear (MCUC) undercarriage center

(MCUF) undercarriage front

(MC98) other motorcycle/moped location (MC99) unknown motorcycle/moped location

(9998) other (specify) ___

(9999) unknown

22. Object(s) Contacted	Noncollision
CODE UP TO THREE	(40) overturn->rollover (excludes end-over-end)
	(41) rollover->end-over-end (42) fire or explosion
	(43) jackknife
Collision With Other Vehicle	(44) other intraunit damage (specify)
(01) other vehicle # 1	
(02) other vehicle # 2	(45) noncollision injury
(03) other vehicle # 3	(48) other noncollision (specify)
Collision With Fixed Object	(49) noncollision details unknown
(04) tree (less than or equal to 4 inches in diameter)	(97) not applicable
(05) tree (greater than 4 inches in diameter)	(98) other event (specify)
(06) shrubbery or bush	(99) unknown event or object
(07) embankment	•• · · · · · · · · · · · · · · · · · ·
(08) concrete traffic barrier	23. Impact Speed
(09) other traffic barrier (includes guardrail) (specify)	CODE IN MILES PER HOUR, WHOLE NUMBERS ONLY
(10) impact attenuator	O.E.
(11) bridge	(000) stopped in traffic, speed is zero
(12) curb	(001–250) actual miles per hour
(13) fire hydrant	(999) unknown
(14) ground	
(15) ditch or culvert	24. PDOF Principal Direction of Force in Degrees
(16) building	
(17) wall	(000) nonhorizontal force
(18) fence	(010–360) degrees in 10-degree increments
(19) nonbreakaway pole or post (less than or equal to 4 inches in	(998) other (specify)
diameter)	(999) unknown
(20) nonbreakaway pole or post (greater than 4 inches but less	
than or equal to 12 inches in diameter) (21) nonbreakaway pole or post (greater than 12 inches in	POST-CRASH MOTION
diameter)	25 Other Vehicle Best Creek Metion Code
(22) nonbreakaway pole or post (diameter unknown)	25. Other-Vehicle Post-Crash Motion Code
(23) breakaway pole or post (any diameter)	(00)
(28) other fixed object (specify)	(00) none, stopped at POI; POR and POI coincide
(29) unknown fixed object	(01) stopped within 6 feet of POI (02) rolled on wheels from POI to POR
(·) · · · · · · · · · · · · · · · · ·	(03) rolled on wheels from POI, then impacted other object at
Collision With Nonfixed Object	POR
(30) pedestrian	(04) vehicle rollover from POI to POR
(31) train	(05) skidded, slid from POI to POR
(32) object fell from vehicle in tansport	(06) skidded, slid from POI, then impacted other object at POR
(33) trailer, disconnected in transport	(05) 1:1 1:1
	(07) vehicles did not separate; PORs are essentially the same for
(34) animal	motorcycle and other vehicle
(34) animal (35) cyclist or cycle	motorcycle and other vehicle (08) spun or yawed, sliding from POI to POR
(34) animal(35) cyclist or cycle(36) vehicle occupant	motorcycle and other vehicle (08) spun or yawed, sliding from POI to POR (09) hit and run, driver departed scene of accident with other
(34) animal (35) cyclist or cycle	motorcycle and other vehicle (08) spun or yawed, sliding from POI to POR (09) hit and run, driver departed scene of accident with other vehicle immediately after collision
(34) animal(35) cyclist or cycle(36) vehicle occupant(37) other nonmotorist or conveyance (specify)	motorcycle and other vehicle (08) spun or yawed, sliding from POI to POR (09) hit and run, driver departed scene of accident with other vehicle immediately after collision (10) driver departed scene immediately after collision, but other
(34) animal(35) cyclist or cycle(36) vehicle occupant	motorcycle and other vehicle (08) spun or yawed, sliding from POI to POR (09) hit and run, driver departed scene of accident with other vehicle immediately after collision (10) driver departed scene immediately after collision, but other vehicle still at scene
(34) animal (35) cyclist or cycle (36) vehicle occupant (37) other nonmotorist or conveyance (specify) (38) other nonfixed object (specify)	motorcycle and other vehicle (08) spun or yawed, sliding from POI to POR (09) hit and run, driver departed scene of accident with other vehicle immediately after collision (10) driver departed scene immediately after collision, but other vehicle still at scene (97) not applicable
(34) animal(35) cyclist or cycle(36) vehicle occupant(37) other nonmotorist or conveyance (specify)	motorcycle and other vehicle (08) spun or yawed, sliding from POI to POR (09) hit and run, driver departed scene of accident with other vehicle immediately after collision (10) driver departed scene immediately after collision, but other vehicle still at scene
(34) animal (35) cyclist or cycle (36) vehicle occupant (37) other nonmotorist or conveyance (specify) (38) other nonfixed object (specify)	motorcycle and other vehicle (08) spun or yawed, sliding from POI to POR (09) hit and run, driver departed scene of accident with other vehicle immediately after collision (10) driver departed scene immediately after collision, but other vehicle still at scene (97) not applicable (98) other (specify) (99) unknown
(34) animal (35) cyclist or cycle (36) vehicle occupant (37) other nonmotorist or conveyance (specify) (38) other nonfixed object (specify)	motorcycle and other vehicle (08) spun or yawed, sliding from POI to POR (09) hit and run, driver departed scene of accident with other vehicle immediately after collision (10) driver departed scene immediately after collision, but other vehicle still at scene (97) not applicable (98) other (specify) (99) unknown 26. Distance From POI to POR
(34) animal (35) cyclist or cycle (36) vehicle occupant (37) other nonmotorist or conveyance (specify) (38) other nonfixed object (specify)	motorcycle and other vehicle (08) spun or yawed, sliding from POI to POR (09) hit and run, driver departed scene of accident with other vehicle immediately after collision (10) driver departed scene immediately after collision, but other vehicle still at scene (97) not applicable (98) other (specify) (99) unknown 26. Distance From POI to POR CODE IN FEET AND INCHES
(34) animal (35) cyclist or cycle (36) vehicle occupant (37) other nonmotorist or conveyance (specify) (38) other nonfixed object (specify)	motorcycle and other vehicle (08) spun or yawed, sliding from POI to POR (09) hit and run, driver departed scene of accident with other vehicle immediately after collision (10) driver departed scene immediately after collision, but other vehicle still at scene (97) not applicable (98) other (specify) (99) unknown 26. Distance From POI to POR CODE IN FEET AND INCHES Distance Along POI Path:
(34) animal (35) cyclist or cycle (36) vehicle occupant (37) other nonmotorist or conveyance (specify) (38) other nonfixed object (specify)	motorcycle and other vehicle (08) spun or yawed, sliding from POI to POR (09) hit and run, driver departed scene of accident with other vehicle immediately after collision (10) driver departed scene immediately after collision, but other vehicle still at scene (97) not applicable (98) other (specify)
(34) animal (35) cyclist or cycle (36) vehicle occupant (37) other nonmotorist or conveyance (specify) (38) other nonfixed object (specify)	motorcycle and other vehicle (08) spun or yawed, sliding from POI to POR (09) hit and run, driver departed scene of accident with other vehicle immediately after collision (10) driver departed scene immediately after collision, but other vehicle still at scene (97) not applicable (98) other (specify) (99) unknown 26. Distance From POI to POR CODE IN FEET AND INCHES Distance Along POI Path: +/ feet inches offset:
(34) animal (35) cyclist or cycle (36) vehicle occupant (37) other nonmotorist or conveyance (specify) (38) other nonfixed object (specify)	motorcycle and other vehicle (08) spun or yawed, sliding from POI to POR (09) hit and run, driver departed scene of accident with other vehicle immediately after collision (10) driver departed scene immediately after collision, but other vehicle still at scene (97) not applicable (98) other (specify) (99) unknown 26. Distance From POI to POR CODE IN FEET AND INCHES Distance Along POI Path: +/ feet inches offset: +/ feet inches
(34) animal (35) cyclist or cycle (36) vehicle occupant (37) other nonmotorist or conveyance (specify) (38) other nonfixed object (specify)	motorcycle and other vehicle (08) spun or yawed, sliding from POI to POR (09) hit and run, driver departed scene of accident with other vehicle immediately after collision (10) driver departed scene immediately after collision, but other vehicle still at scene (97) not applicable (98) other (specify) (99) unknown 26. Distance From POI to POR CODE IN FEET AND INCHES Distance Along POI Path: +/ feet inches offset: +/ feet inches (000–995) actual number of feet
(34) animal (35) cyclist or cycle (36) vehicle occupant (37) other nonmotorist or conveyance (specify) (38) other nonfixed object (specify)	motorcycle and other vehicle (08) spun or yawed, sliding from POI to POR (09) hit and run, driver departed scene of accident with other vehicle immediately after collision (10) driver departed scene immediately after collision, but other vehicle still at scene (97) not applicable (98) other (specify) (99) unknown 26. Distance From POI to POR CODE IN FEET AND INCHES Distance Along POI Path: +/ feet inches offset: +/ feet inches (000–995) actual number of feet (00–11) actual number of inches
(34) animal (35) cyclist or cycle (36) vehicle occupant (37) other nonmotorist or conveyance (specify) (38) other nonfixed object (specify)	motorcycle and other vehicle (08) spun or yawed, sliding from POI to POR (09) hit and run, driver departed scene of accident with other vehicle immediately after collision (10) driver departed scene immediately after collision, but other vehicle still at scene (97) not applicable (98) other (specify) (99) unknown 26. Distance From POI to POR CODE IN FEET AND INCHES Distance Along POI Path: +/ feet inches offset: +/ feet inches (000–995) actual number of feet (00–11) actual number of inches (996-96) 996 feet or greater
(34) animal (35) cyclist or cycle (36) vehicle occupant (37) other nonmotorist or conveyance (specify) (38) other nonfixed object (specify)	motorcycle and other vehicle (08) spun or yawed, sliding from POI to POR (09) hit and run, driver departed scene of accident with other vehicle immediately after collision (10) driver departed scene immediately after collision, but other vehicle still at scene (97) not applicable (98) other (specify) (99) unknown 26. Distance From POI to POR CODE IN FEET AND INCHES Distance Along POI Path: +/ feet inches offset: +/ feet inches (000–995) actual number of feet (00–11) actual number of inches

A-14. HELMET DATA-COLLECTION FORM

The following form is a blank form.

Helmet Testing/Evaluation Form	Case Number	
	MC/OV Number	
PART A—FIELD INSPECTION	6. Type of Coverage	
1. Helmet Belongs to?	(01) partial coverage	
	(02) full coverage	
(01) rider	(03) full-facial coverage, integral chin bar but no face shield	
(02) passenger 1	(04) full-facial coverage, removable chin bar	
(03) passenger 2	(05) full-facial coverage, retractable bar	
(04) passenger 3	(06) full-facial coverage, integral chin bar and face shield	
(98) other (specify)	(07) open-face helmet with flat wraparound face shield	
(99) unknown	(08) open-face helmet with bubble-type face shield	
	(09) open-face helmet with visor/face shield combo	
2. Wearing Helmet on Head?	(10) open-face helmet with removable gravel guard	
	(98) other (specify)	
(00) no	(99) unknown	
(01) yes		
(02) helmet available but not used	7. Predominating Color	
(98) other (specify)		
(99) unknown	(01) no dominating color, multicolored	
	(02) white	
3. Was Helmet Property Adjusted on Head?	(03) yellow	
	(04) black	
(00) no	(05) red	
(01) yes	(06) blue	
(98) other (specify)	(07) green	
(99) unknown	(08) silver, grey	
	(09) orange	
4. Was Your Helmet Securely Fastened to Your Head?	(10) brown, tan	
	(11) purple	
(00) no	(12) gold	
(01) yes	(13) chrome, metallic	
(98) other (specify)	(98) other (specify)	
(99) unknown	(99) unknown	
5. Type of Helmet	8. Color of Face Shield, if Present	
	(01) close	
(00) not a motorcycle helmet	(01) clear	
(01) half/police motor vehicle/motorcycle helmet	(02) green (03) grey, smoke	
(02) open-face motor vehicle/motorcycle helmet	(04) amber, yellow	
(03) full-face motor vehicle/motorcycle helmet	(05) blue	
(04) novelty or beanie helmet	(06) reflective (any color)	
(98) other (specify)	(97) not applicable, no face shield	
(99) unknown	(98) other (specify)	
	(99) unknown	
	9. Helmet Owned by Wearer?	
	(00) no	
	(00) no (01) yes	
	(98) other (specify)	
	(99) unknown	
	(22) dikilowii	

10. Helmet Fit	16. Conformity to Which Qualification Modify Attributes CODE ALL THAT APPLY UP TO 4; INPUT 97 FOR
(01) acceptable fit	REMAINING RESPONSES
(02) too large, too loose	
(03) too small, too tight	
(04) contour mismatch	
(98) other (specify)	
(99) unknown	(00) no standards labeled
	(01) FMVSS 218 (USDOT)
11. Claimed Frequency of Helmet Use on Head	(02) Snell M85 (USA)
CODE 000–100 PERCENT	(03) Snell M90 (USA)
	(03) Shell M70 (USA) (04) Shell M95 (USA)
(000–100) percent helmet worn	(05) Snell M2000 (USA)
(999) unknown	
(777) ulikilowii	(06) Snell M2005 (USA)
12 Conditions Under Which Helmot Used on Head	(07) Snell M2010 (USA)
12. Conditions Under Which Helmet Used on Head	(08) Snell SA95 (USA)
CODE UP TO FOUR; INPUT 97 FOR REMAINING	(09) Snell SA2000 (USA)
RESPONSES	(10) Snell SA/K 2005 (USA)
	(11) Snell SA/K 2010 (USA)
	(13) UN/ECE-22-02 (Europe)
	(14) UN/ECE-22-D3 (Europe)
(00) never use helmet	(15) UN/ECE-22-04 (Europe)
(01) mostly long trips	(16) UN/ECE-22-05 (Europe)
(02) mostly in high-speed highway or freeway traffic	(17) BS 6658A (UK)
(03) in adverse weather	(18) BS 6658B (UK)
(04) usually, but not in hot weather	(19) JIST8133-A (Japan)
(05) always	(20) JIST8133-B (Japan)
(97) not applicable	(21) JIST8133-C (Japan)
(98) other (specify)	(22) CSA D230 (Canada)
(99) unknown	(23) AS 1698 (Australia)
(99) UIIKIIOWII	(24) MS 1 (Malaysia)
12.11.1.25.6.4	(25) NZS 5430 (New Zealand)
13. Helmet Manufacturer	
SEE CODING MANUAL FOR ALL CODES	(26) SS-9 (Singapore)
	(97) not applicable
(000) not applicable, no helmet	(98) other (specify)
(998) other (specify)	(99) unknown
(999) unknown	4
	17. Labeled Size
14. Date of Manufacture	CONVERT TO CODE IF EXACT SIZE IS SHOWN
Month/Day/Year / / /	
(01–12) month	(01) youth small/medium
(01–31) day	(02) youth large/extra large
(1900–2100) year	(03) adult extra small
(99/99/9999) unknown	(04) adult small
	(05) adult medium
15. Helmet Model	(06) adult large
LIST OR CODE MODEL; WRITE IN RESPONSE	(07) adult extra large
Elst on cope mobel, while it mest of the	(08) adult extra, extra large
	(98) other (specify)
	(98) unknown
	18. Helmet Mass
	CODE IN OUNCES; INCLUDE ALL APPLIANCES
	ATTACHED AND WORN AT THE TIME OF THE CRASH
	(001–996) helmet mass in ounces
	(999) unknown

19. Condition Prior to Crash (01) no significant prior damage (02) minor damage, possibly from handling and use, but no prior structural damage (03) moderate damage to exterior finish and comfort pads, possibly from handling and use, but no prior structural damage (04) significant prior damage to shell or liner but not in area of accident impact (05) significant prior damage to shell or liner located in area of most severe accident impact (06) significant prior damage to shell or liner located in area of second most severe accident impact (98) other (specify)_ (99) unknown 20. Type of Helmet Retention System (00) no retention system (01) double D-rings (02) slide bar (03) quick fasten/release or barb sides fitting (04) quick fasten/release, D blade-type fitting (like auto seatbelt) (05) lever clamp latch (98) other (specify) (99) unknown 21. Was Helmet Retained in Place on Head During Crash? (01) yes, helmet retained in place to completion of accident events (02) yes, helmet moved on head but was retained (03) no, helmet ejected from head during pre-crash time period (04) no, helmet ejected from head during crash (05) no, helmet ejected from head after collision (98) other (specify) (99) unknown 22. Was there a Retention-System Failure? (01) no (02) yes (97) not applicable, no retention system (99) unknown 23. Type of Retention-System Failure? (00) no retention-system failure (01) chinstrap pulled through D-rings, slide bar, or clamp latch (02) quick release let go (03) hanger fitting failed (04) shell rivets failed (05) webbing tensile failure (06) stitching failure in webbing (07) webbing laceration (97) not applicable, no retention system (98) other (specify) (99) unknown

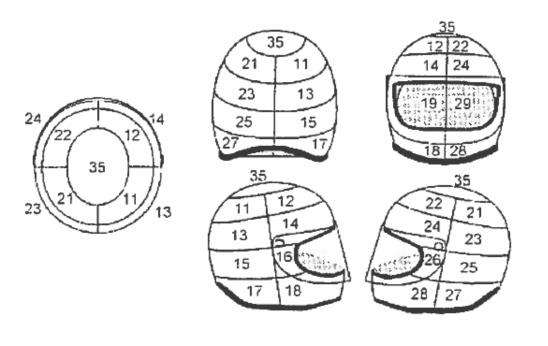
24. Hemet External Damage Marks

CODE UP TO FIVE IN ORDER OF SEVERITY, INCLUDING HELMET LOCATION CODES; INPUT 00 FOR REMAINING RESPONSES

Type of Damage	Location Code
1	
2	
3	
4.	
5	

= no data available.

- (00) no significant damage
- (01) freckles, small indentations, pockmarks
- (02) abrasion
- (03) fracture through full thickness of shell
- (04) crack, split, not a through-and-through fracture
- (05) delamination, gross
- (06) microdelamination, audible but not visible
- (07) puncture
- (08) rubber transfer
- (09) paint transfer
- (98) other (specify) ___
- (99) unknown



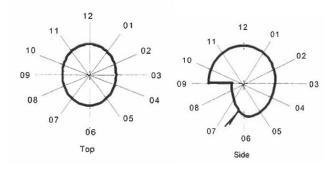
Source: OECD.

Figure 17. Illustration. Helmet external location codes.

GENERAL HELMET EXAMINATION 27. Eye-Coverage Damage Locations CODE UP TO FOUR DAMAGE LOCATIONS IN ORDER 25. Type of Helmet OF DAMAGE SEVERITY; INPUT 00 FOR REMAINING RESPONSES (01) motor vehicle, motorcycle (02) sports, football (03) bicycle (04) industrial safety (05) equestrian (00) no damage (06) riot, police (01) left lens (07) aviation, aircraft (02) right lens (08) military, ballistic (03) frame (09) novelty (97) not applicable, no eye coverage (98) other (specify) (99) unknown (99) unknown 28. Type of Damage to Eye Coverage 26. Lens or Shield Material, if Used CODE UP TO FOUR TYPES OF DAMAGE IN THE SAME ORDER AS DAMAGE LOCATIONS LISTED IN # 27: (00) no lens or shield INPUT 00 FOR REMAINING RESPONSES (01) plastic, cellulose acetate or butyrate (02) acrylic, PerspexTM (03) polycarbonate (04) glass, unmodified (05) glass, shatterproof (00) no damage (98) other (specify) (01) crack, break, chip (99) unknown (02) abrasion (03) deformation (04) item lost during crash (97) not applicable, no eye coverage (98) other (specify)

(99) unknown

MOST SEVERE IMPACT	
(00) no misuse Left-Side View	
(01) fastened too loosely, allowed helmet removal without Top View	
unfastening (02) cannot be fastened because of frayed and unrepaired retention- Top View	
11:	
system webbing (00) no impact (03) retention system not fastened because of prior damage to (01–12) o'clock direction	
retention-system hardware (98) other (specify)	
(04) retention system not properly fastened; end snap or velcrow (99) unknown	
comfort feature used to fasten strap	
(05) chin cup used on chinstrap 33. Number of Distinct Impacts at This Location	
(97) not applicable, no retention system CODE THE TOTAL NUMBER OF DISTINCT IMPACTS	3
(98) other (specify) AT THIS LOCATION	
(99) unknown	
Helmet Tested? (00) no impact (01, 08) number of distinct impacts	
(01–06) number of distinct impacts	
Yes (99) unknown	
□ No 34. Shell Material	
PART B—HELMET TEST DATA (00) no shell	
(00) no shen	
(01) Haird Hairmanded glasss 11001	
30. Type of Impact (02) machine chop, pressure-molded glass fiber (03) polycarbonate	
EXTERNAL EXAM (04) acetyl butadiene styrene	
(05) nylon, derivative	
(00) no impact (06) polypropylene, reinforced	
(01) essentially normal (07) polyethylene	
(02) essentially tangential (08) polystyrene	
(03) both normal and tangential evidence (98) other (specify)	
(04) crushing, exterior force application (99) unknown	
(05) crushing, coincident external and interior forces	
(98) other (specify) 35. Shell Thickness	
(99) unknown CODE IN HUNDREDTHS OF AN INCH	
31. Impact Location (0.01–9.96) hundredths of an inch	
(9.97) not applicable, no shell	
(00) no impact (9.99) unknown	
(01) shell, including integral chin bar	
(02) edge bead (03) shall adap without adap head	
(03) shell edge without edge bead	
(04) chinstrap webbing, cover (05) chinstrap hanger fitting	
(06) helmet liner, crown	
(07) chin strap fastening, D-rings, slide bar, buckle, quick	
fasten/release	
(08) comfort padding, crown	
(09) accessory radio equipment, microphone, boom, speakers	
(10) appliance chin guard. mouth protector	
(11) face shield, integral	
(12) liner or padding underneath chin bar, integral	
(13) face shield, snap-on accessory (14) visor, peak	
U41 VISOF, Deak	
(15) chin bar of full-face helmet (98) other (specify)	



Source: OECD.

PLACES

(99.99) unknown

(00.01–99.96) square inches (99.97) not applicable, no liner

Figure 18. Illustration. Clock face locations.

36. Liner Material 41. Geometry of Impacting Surface (00) no impact (00) no liner, including comfort pads (01) complex, not easily described (01) expanded polystyrene, large bead (02) flat (02) expanded polystyrene, small bead (03) spherical, large radius (03) polyurethane (04) spherical, small radius (04) Ethafoam® (05) cylindrical, large radius (05) neoprene sponge, Rubatex®, nitrile vinyl pad (06) cylindrical, small radius (06) expanded polypropylene (07) sharp edge (07) headband suspension system (08) blunt edge (97) not applicable (09) point (98) other (specify) (98) other (specify)_ (99) unknown (99) unknown 37. Liner Thickness 42. Material of Impacting Surface CODE IN HUNDREDTHS OF AN INCH (00) no impact (0.01-9.96) hundredths of an inch (01) liquid, water (9.97) not applicable, no liner (02) solid metal (e.g., lamppost) (9.99) unknown (03) sheet metal, less than 0.15-inch thick (04) curbstone 38. Liner Density (05) solid masonry, concrete structure, large rock CODE IN POUNDS PER CUBIC FOOT (lb/ft³) (06) rolled asphalt (e.g., road surface) (07) troweled or brush-finished concrete pavement (0.01-9.96) pounds per cubic foot (08) compacted dirt (9.97) not applicable, no liner (09) gravel, small rock (9.99) unknown (10) wood, post, solid fiber (11) glass 39. Maximum Liner Crush (12) loose dirt, sand CODE IN HUNDREDTHS OF AN INCH (97) not applicable (98) other (specify) _ (0.00) no liner crush (99) unknown (0.01-9.96) hundredths of an inch (9.97) not applicable, no liner (9.99) unknown 40. Area of Liner Crush or Signature CODE IN SOUARE INCHES TO TWO DECIMAL

43. Which Headform Is Used for Replication Testing?	50. Head Injury Criteria (HIC)
(01) ISO A	(0000) not calculated
(02) ISO E	(0001–9996) HIC value
(03) ISO J	(0001 7770) THE value
(04) ISO M	51. Gadd Severity Index (GSI)
(05) ISO O	on Sudu Severny Index (GSI)
(06) USDOT small	(0000) not calculated
(07) USDOT medium	(0001–9996) GSI value
(08) USDOT large	(0001–9990) OSI value
(09) Hybrid III	52. Equivalent Specific Energy/Equivalent Drop Height
(10) Hybrid II	From Crash Reconstruction
(11) NOCSAE	CODE IN FEET AND TENTHS
(97) not applicable	CODE IN FEET AND TENTINS
	(00.0)+111
(98) other (specify)	(00.0) not calculated
44 Mass of Doublestian Duan American	(00.1–99.5) feet and tenths
44. Mass of Replication Drop Apparatus	(99.6) 99.6 feet or greater
CODE IN POUNDS; NOT INCLUDING HELMET	(99.9) unknown
(01–96) pounds	53. Equivalent Specific Energy/Equivalent Drop Height
	From Laboratory Replication
45. Equivalent Laboratory Testing Anvil	CODE IN FEET AND TENTHS
(00) no anvil	(00.0) not calculated
(01) flat steel anvil	(00.1-99.5) feet and tenths
(02) hemispherical steel anvil	(99.6) 99.6 feet or greater
(03) steel-edge anvil	(99.9) unknown
(04) curb anvil	(****)
(05) cylindrical anvil	Second Most Severe Helmet Impact For # 54 to 77
(06) penetration point	Second From Severe Fremmer Impact 1 of 77 to 77
(07) steel-angle edge	54. Type of Impact
(08) flat pavement	CODE FROM EXTERNAL EXAM
(09) sheet metal	
(10) windshield glass	(00) no impact
(97) not applicable	(01) essentially normal
(98) other (specify)	(02) essentially tangential
(76) Other (specify)	(03) both normal and tangential evidence
46. Helmet Impact Velocity From Crash Reconstruction	(04) crushing, exterior force application
CODE IN MILES PER HOUR AND TENTHS	(05) crushing, coincident external and interior forces
CODE IN MILES LEN HOOK AND LENTING	(97) not applicable
(00.0) no velocity calculated	(98) other (specify)
(00.1–99.6) miles per hour and tenths	(99) unknown
(99.9) unknown	(99) ulikilowii
(99.9) ulikilowii	
47. Impact Velocity From Laboratory Replication	
CODE IN MILES PER HOUR AND TENTHS	
(00.0) no velocity calculated	
(00.1–99.6) miles per hour and tenths	
(99.9) unknown	
(99.2) ulikilowii	
48. Peak Headform Acceleration	
(000) not calculated	
(001–996) measure of acceleration (g)	
49. Dwell Time Above 200 g	
CODE IN MILLISECONDS PER USDOT 218	
(0.0)	
(0.0) not calculated	
(0.1–9.6) milliseconds	

55. Impact Location	60. Liner Material
(00) no impact	(00) no liner, including comfort pads
(01) shell, including integral chin bar	(01) expanded polystyrene, large bead
(02) edge bead	(02) expanded polystyrene, small bead
(03) shell edge without edge bad	(03) polyurethane
(04) chinstrap webbing, cover	(04) Ethafoam®
(05) chinstrap hanger fitting	(05) neoprene sponge, Rubatex®, nitrile vinyl pad
(06) helmet liner, crown	(06) expanded polypropylene
(07) chin strap fastening, D-rings, slide bar, buckle, and quick	(07) headband suspension system
fasten/release	(97) not applicable
(08) comfort padding, crown	(98) other (specify)
(09) accessory radio equipment, microphone, boom, speakers	(99) unknown
(10) appliance chin guard. mouth protector	
(11) face shield, integral	61. Liner Thickness
(12) liner or padding underneath chin bar, integral	CODE IN HUNDREDTHS OF AN INCH
(13) face shield, accessory snap-on	
(14) visor, peak	(0.01–9.96) hundredths of an inch
(15) chin bar of full-face helmet	(9.97) not applicable, no liner
(97) not applicable	(9.99) unknown
(98) other (specify)	
(99) unknown	62. Liner Density
	CODE IN POUNDS PER CUBIC FOOT (lb/ft ³)
56. Clock Face Location	·
Left-Side View	(0.01–9.96) pounds per cubic foot
Top View	(9.97) not applicable, no liner
Right-Side View	(9.99) unknown
Top View	
(00) no impact	63. Maximum Liner Crush
(01–12) o'clock direction	CODE IN HUNDREDTHS OF AN INCH
(97) not applicable	·
(98) other (specify)	(0.00) no liner crush
(99) unknown	(0.01–9.96) hundredths of an inch
	(9.97) not applicable, no liner
57. Number of Distinct Impacts at This Location	(9.99) unknown
CODE THE TOTAL NUMBER OF DISTINCT	
IMPACTS AT THIS LOCATION	64. Area of Liner Crush or Signature
	CODE IN SOUARE INCHES TO TWO DECIMAL
(00) no impact	PLACES
(01–08) number of distinct impacts	(00.01, 00.06)
(97) not applicable	(00.01–99.96) square inches
(99) unknown	(99.97) not applicable, no liner
50 CL 113.6 4 1 1	(99.99) unknown
58. Shell Material	65. Geometry of Impacting Surface
(00)	05. Geometry of impacting Surface
(00) no shell	(00) no impact
(01) hand-laminated glass fiber	(01) complex, not easily described
(02) machine chop, pressure-molded glass fiber	(02) flat
(03) polycarbonate	(02) Hat (03) spherical, large radius
(04) acetyl butadiene styrene	(04) spherical, small radius
(05) nylon, derivative	(05) cylindrical, large radius
(06) polypropylene, reinforced (07) polyethylene	(06) cylindrical, small radius
(07) polyetnylene (08) polystyrene	(00) Cymratreat, sman radius (07) sharp edge
(97) not applicable	(08) blunt edge
	(09) point
(98) other (specify)(99) unknown	(97) not applicable
(77) UIIKIIUWII	(98) other (specify)
59. Shell Thickness	(99) unknown
CODE IN HUNDRETHS OF AN INCH	(77) MIKHOWH
CODE IN HONDIVELLIP OF WIN INCU	
(0.01–9.96) hundredths of an inch	
· · · · · · · · · · · · · · · · · · ·	

(9.97) not applicable (9.99) unknown

66. Material of Impacting Surface	70. Helmet Impact Velocity From Crash Reconstruction CODE IN MILES PER HOUR AND TENTHS
(00) no impact	·_
(01) liquid, water	(00.0) no velocity calculated
(02) solid metal (e.g., lamppost)	(00.1–99.6) miles per hour and tenths
(03) sheet metal, less than 0.15-inch thick	(99.7) not applicable
(04) curbstone	(99.9) unknown
(05) solid masonry, concrete structure, large rock (06) rolled asphalt (e.g., road surface)	71 Impact Valacity Even Laboratory Doublection
(07) troweled or brush-finished concrete pavement	71. Impact Velocity From Laboratory Replication CODE IN MILES PER HOUR AND TENTHS
(08) compacted dirt	CODE IN WILLS I EN HOUR AND TENTHS
(09) gravel, small rock	(00.0) no velocity calculated
(10) wood, post, solid fiber	(00.1–99.6) miles per hour and tenths
(11) glass	(99.7) not applicable
(12) loose dirt, sand	(99.9) unknown
(97) not applicable	
(98) other (specify)	72. Peak Headform Acceleration
(99) unknown	
	(000) not calculated
LABORATORY REPLICATION	(001–996) measure of acceleration (g)
	(997) not applicable
67. Which Headform Is Used for Replication Testing?	
(01) IGO A	73. Dwell Time Above 200g
(01) ISO A	CODE IN MILLISECONDS PER USDOT 218
(02) ISO E	(0.0)
(03) ISO J (04) ISO M	(0.0) not calculated (0.1–9.6) milliseconds
(05) ISO O	(9.7) not applicable
(06) USDOT small	(9.7) not applicable
(07) USDOT medium	74. Head Injury Criteria (HIC)
(08) USDOT large	, in ficula injury official (1110)
(09) Hybrid III	(0000) not calculated
(10) Hybrid II	(0001–9996) HIC value
(11) NOCSAE	(9997) not applicable
(97) not applicable	
(98) other (specify)	75. Gadd Severity Index, GSI
(0.14 AP 11 (1 P	
68. Mass of Replication Drop Apparatus	(0000) not calculated
CODE IN POUNDS; NOT INCLUDING HELMET	(0001–9996) GSI value
(01–96) pounds	(9997) not applicable
(97) not applicable	76. Equivalent Specific Energy/Equivalent Drop Height
(57) not appreadic	From Crash Reconstruction
69. Equivalent Laboratory Testing Anvil	CODE IN FEET AND TENTHS
(00) no anvil	(00.0) not calculated
(01) flat steel anvil	(00.1–99.5) feet and tenths
(02) hemispherical steel anvil	(99.6) 99.6 feet or greater
(03) steel-edge anvil	(99.7) not applicable
(04) curb anvil	(99.9) unknown
(05) cylindrical anvil	
(06) penetration point	77. Equivalent Specific Energy/Equivalent Drop Height
(07) steel-angle edge	from Laboratory Replication
(08) flat pavement	CODE IN FEET AND TENTHS
(09) sheet metal	·_
(10) windshield glass	(00.0) not calculated
(97) not applicable	(00.1–99.5) feet and tenths
(98) other (specify)	(99.6) 99.6 feet or greater
	(99.7) not applicable
	(99.9) unknown

APPENDIX B. VARIABLE NAMES PER FORM

Table 9. List of variables in the Crash Data Form.

Variable Number	Variable	SAS® and Excel TM Variable Name
0	Case Number	CF000_CASEID
1	Day of Week Crash Occurred	CF001_CRASHDAY
2	Time of Day Crash Occurred	CF002_CRASHTIME
3	First Harmful Event for Motorcycle	CF003_MCFIRSTHARMEVNT
3 (cont.)	First Harmful Event for Motorcycle - Text	CF003_MCFIRSTHARMEVNTTXT
4	MC vs. MC - Matching Case Number	CF004_TWOMCOTHERCASEID
5	Present at Crash Scene (Code up to 4, Item 1)	CF005_PRESENTONSCENE1
5 (cont.)	Present at Crash Scene (Code up to 4, Item 2)	CF005_PRESENTONSCENE2
5 (cont.)	Present at Crash Scene (Code up to 4, Item 3)	CF005_PRESENTONSCENE3
5 (cont.)	Present at Crash Scene (Code up to 4, Item 4)	CF005_PRESENTONSCENE4
5 (cont.)	Present at Crash Scene - Text	CF005_PRESENTONSCENETXT
6	Number of Other Vehicles Involved	CF006_OVCOUNT
6 (cont.)	Number of Other Vehicles Involved - Text	CF006_OVCOUNTTXT
7	Number of Pedestrians Involved	CF007_PEDESTRNCOUNT
7 (cont.)	Number of Pedestrians Involved - Text	CF007_PEDESTRNCOUNTXT
8	Number of Motorcycle Passengers	CF008_MCPASSENGERCOUNT
9	Fatal Injuries Involved	CF009_FATALITY
10	Crash Configuration	CF010_CRASHCONFIG
10 (cont.)	Crash Configuration - Text	CF010_CRASHCONFIGTXT
11	Light Conditions	CF011_AMBIENTLIGHT
11 (cont.)	Light Conditions - Text	CF011_AMBIENTLIGHTTXT
12	Ambient Temperature	CF012_AMBIENTTEMP
12 (cont.)	Ambient Temperature - Text	CF012_AMBIENTTEMPSIGN
13	Weather Description	CF013_WEATHER
13 (cont.)	Weather Description - Text	CF013_WEATHERTXT
14	Wind Description	CF014_WINDSTRENGTH
14 (cont.)	Wind Description - Text	CF014_WINDSTRENGTHTXT
15	Wind Direction With Respect to Motorcycle Path	CF015_WINDDIRECTIONTOMC
15 (cont.)	Wind Direction With Respect to Motorcycle Path - Text	CF015_WINDDIRECTIONTOMCTXT

Table 10. List of variables in the Environment Form.

O	Variable Number	Variable	SAS® and Excel TM Name
1	0		EF000_CASEID
1	1	Type of Land Development on Same Side of Street	EF001_LANDUSESAMESIDEOFSTREET
Relation to Junction	1 (cont.)		EF001_LANDUSEOTHERSIDEOFSTREET
Relation to Junction	1 (cont.)	Type of Land Development - Text	EF001_LANDUSETXT
Quont Relation to Junction - Text			
3 Type of At-Grade Intersection	2 (cont.)	Relation to Junction - Text	
Stoontools Type of Al-Grade Intersection - Text			
4 (cont.) EF004_TRAFFICPATTERN 4 (cont.) Trafficway Description - Text EF004_TRAFFICPATTERNTXT 5 Roadway Function EF005_ROADWAYFUNCTION EF005_ROADWAYFUNCTIONTXT 6 (cont.) Roadway Function - Text EF005_ROADWAYFUNCTIONTXT 6 (cont.) Posted Speed Limit in MPH EF006_SPEEDLIMIT EF006_SPEEDLIMIT F006_SPEEDLIMIT F006_SPEEDLI	3 (cont.)		
4 (cont.) Trafficway Description - Text			EF004 TRAFFICPATTERN
5 Roadway Function - Text EF00S_ROADWAYFUNCTION 6 Posted Speed Limit in MPH EF00S_ROADWAYFUNCTIONTXT 6 Cont.) Posted Speed Limit in MPH EF00G_SPEEDLIMITT 7 Number of Through Lanes - Text EF007_NUMBERLANES 8 Lane in Which Vehicle Was Traveling EF008_MCTRAVELLANE 8 Lane in Which Vehicle Was Traveling - Text EF008_MCTRAVELLANE 9 Lane width - Inches EF008_MCTRAVELLANE 9 Lane width - Inches EF008_MCTRAVELLANE 10 Roadway Width - Feet EF009_LANEWIDTHIT 10 Roadway Width - Feet EF010_ROADWAYWIDTHIT 11 Type of Surface - Text EF010_ROADWAYWIDTHIN 11 Type of Surface - Text EF011_ROADWAYTYPE 11 Type of Surface - Text EF011_ROADWAYTYPE 12 Count.) Surface Condition (Code up to 4) - Item 1 EF012_ROADWAYCONDITION1 12 Count.) Surface Special Features (Code up to 3) - Item 1 EF012_ROADWAYCONDITION3 12 Count.) Surface Special Features (Text up to 3) - Item 3 EF012_ROADWAYCONDITI	4 (cont.)	Trafficway Description - Text	
5 (cont.) Roadway Function - Text EF005, ROADWAYFUNCTIONTTT 6 Posted Speed Limit in MPH EF006, SPEEDLIMIT 6 (cont.) Posted Speed Limit in MPH - Text EF006, SPEEDLIMITTXT 7 Number of Through Lanes EF007, NUMBERLANEST 8 (cont.) Number of Through Lanes - Text EF007, NUMBERLANESTXT 8 (cont.) Lane in Which Vehicle Was Traveling EF008, MCTRAVELLANETXT 9 (cont.) Lane width - Feet EF009, LANEWIDTHIFT 10 (cont.) Roadway Width - Feet EF009, LANEWIDTHIFT 10 (cont.) Roadway Width - Inches EF011, ROADWAYWIDTHIFT 11 (cont.) Roadway Width - Feet EF011, ROADWAYWIDTHIFT 12 (cont.) Surface Condition (Code up to 4) - Item 1 EF012, ROADWAYCONDITION1 12 (cont.) Surface Condition (Code up to 4) - Item 2 EF012, ROADWAYCONDITION3 12 (cont.) Surface Condition (Code up to 4) - Item 3 EF012, ROADWAYCONDITION3 12 (cont.) Surface Condition (Code up to 4) - Item 4 EF012, ROADWAYCONDITION3 12 (cont.) Surface Special Features (Code up to 3) - Item 1 EF013, ROADWAYEATUREST 13 (cont.)	5		
6 (cont.) Posted Speed Limit in MPH Text EF006_SPEEDLIMIT TO Number of Through Lanes	5 (cont.)		
6 (cont.) Posted Speed Limit in MPH - Text EF006_SPEEDLIMITITYT 7 Number of Through Lanes EF007_NUMBERLANES 7 (cont.) Number of Through Lanes - Text EF007_NUMBERLANESTXT 8 Lane in Which Vehicle Was Traveling EF008_MCTRAVELLANE 8 (cont.) Lane Width - Feet EF008_MCTRAVELLANE 9 (cont.) Lane Width - Feet EF009_LANEWIDTHIFT 10 (cont.) Roadway Width - Feet EF010_ROADWAYWIDTHIFT 11 (cont.) Roadway Width - Inches EF010_ROADWAYWIDTHIN 11 (cont.) Type of Surface - Text EF010_ROADWAYTYPETXT 12 (cont.) Surface Condition (Code up to 4) - Item 1 EF012_ROADWAYCONDITION2 12 (cont.) Surface Condition (Code up to 4) - Item 2 EF012_ROADWAYCONDITION3 12 (cont.) Surface Condition (Code up to 4) - Item 3 EF012_ROADWAYCONDITION3 12 (cont.) Surface Condition (Code up to 4) - Item 4 EF012_ROADWAYCONDITION3 12 (cont.) Surface Special Features (Code up to 3) - Item 1 EF012_ROADWAYCONDITIONX 13 (cont.) Surface Special Features (Code up to 3) - Item 2 EF013_ROADWAYEATURES3 13 (cont.) <td></td> <td></td> <td></td>			
7 (cont.) Number of Through Lanes 7 (cont.) Number of Through Lanes - Text 8 Lane in Which Vehicle Was Traveling 8 (cont.) Lane in Which Vehicle Was Traveling 9 Lane Width - Feet 10 (cont.) Lane Width - Inches 11 (cont.) Lane Width - Inches 12 (cont.) Lane Width - Inches 13 (cont.) Lane Width - Inches 14 (cont.) Lane Width - Inches 15 (cont.) Lane Width - Inches 16 (cont.) Lane Width - Inches 17 (cont.) Lane Width - Inches 18 (cont.) Lane Width - Inches 19 (cont.) Lane Width - Inches 10 (cont.) Roadway Width - Feet 11 (cont.) Roadway Width - Inches 11 (cont.) Type of Surface 11 (cont.) Type of Surface 12 (cont.) Type of Surface - Text 12 (cont.) Type of Surface - Text 13 (cont.) Surface Condition (Code up to 4) - Item 1 14 (cont.) Surface Condition (Code up to 4) - Item 2 15 (cont.) Surface Condition (Code up to 4) - Item 2 16 (cont.) Surface Condition (Code up to 4) - Item 3 17 (cont.) Surface Condition (Code up to 4) - Item 4 18 (cont.) Surface Condition (Code up to 4) - Item 4 19 (cont.) Surface Condition (Code up to 4) - Item 4 10 (cont.) Surface Condition (Code up to 4) - Item 4 11 (cont.) Surface Special Features (Code up to 3) - Item 4 12 (cont.) Surface Special Features (Code up to 3) - Item 3 13 (cont.) Surface Special Features (Code up to 3) - Item 3 14 (cont.) Surface Special Features (Code up to 3) - Item 3 15 (cont.) Surface Special Features (Code up to 3) - Item 3 16 (cont.) Surface Special Features (Code up to 3) - Item 3 17 (cont.) Surface Special Features (Code up to 3) - Item 3 18 (cont.) Surface Special Features (Code up to 3) - Item 3 19 (cont.) Surface Special Features (Code up to 3) - Item 3 10 (cont.) Surface Special Features (Code up to 3) - Item 3 11 (cont.) Surface Special Features (Code up to 3) - Item 3 12 (cont.) Surface Special Features (Code up to 3) - Item 3 13 (cont.) Surface Special Features (Code up to 3) - Item 3 14 (cont.) Surface Special Features (Code up to 3) - Item 3 15 (cont.) Surface Special Features (Code up to 3) - Item 3 16 (cont.) Surface Special Features (Code up	6 (cont.)		
Number of Through Lanes - Text			
8 Lane in Which Vehicle Was Traveling EF008_MCTRAVELLANE 8 (cont.) Lane in Which Vehicle Was Traveling - Text EF008_MCTRAVELLANEXT 9 Lane Width - Feet EF009_LANEWIDTHFT 9 (cont.) Lane Width - Inches EF009_LANEWIDTHIN 10 Roadway Width - Inches EF010_ROADWAYWIDTHIN 11 Type of Surface EF011_ROADWAYTYPE 11 (cont.) Type of Surface EF011_ROADWAYTYPEXT 12 (cont.) Type of Surface - Text EF012_ROADWAYCONDITION1 12 (cont.) Surface Condition (Code up to 4) - Item 1 EF012_ROADWAYCONDITION2 12 (cont.) Surface Condition (Code up to 4) - Item 2 EF012_ROADWAYCONDITION3 12 (cont.) Surface Condition (Code up to 4) - Item 4 EF012_ROADWAYCONDITION3 12 (cont.) Surface Condition (Code up to 3) - Item 4 EF012_ROADWAYCONDITION3 13 (cont.) Surface Special Features (Code up to 3) - Item 2 EF013_ROADWAYFEATURES1 13 (cont.) Surface Special Features (Code up to 3) - Item 2 EF013_ROADWAYFEATURES3 13 (cont.) Surface Special Features (Code up to 3) - Item 3 EF013_ROADWAYFEATURESTXT1 14 (con	7 (cont.)		
Secont Lane in Which Vehicle Was Traveling - Text			<u> </u>
9 Lane Width - Inches EF009_LANEWIDTHIFT 9 (cont.) Roadway Width - Inches EF010_ROADWAYWIDTHIFN 10 (cont.) Roadway Width - Inches EF010_ROADWAYWIDTHIFN 11 Type of Surface EF011_ROADWAYWIDTHIFN 11 Type of Surface - Text EF011_ROADWAYTYPE 12 Surface Condition (Code up to 4) - Item 1 EF012_ROADWAYTYPETXT 12 Surface Condition (Code up to 4) - Item 2 EF012_ROADWAYCONDITION1 12 (cont.) Surface Condition (Code up to 4) - Item 3 EF012_ROADWAYCONDITION2 12 (cont.) Surface Condition (Code up to 4) - Item 4 EF012_ROADWAYCONDITION3 12 (cont.) Surface Condition (Code up to 4) - Item 4 EF012_ROADWAYCONDITION3 13 (cont.) Surface Condition (Code up to 4) - Item 4 EF012_ROADWAYCONDITION3 13 Surface Special Features (Code up to 3) - Item 4 EF012_ROADWAYCONDITION3 13 (cont.) Surface Special Features (Code up to 3) - Item 2 EF013_ROADWAYEATURES1 13 (cont.) Surface Special Features (Code up to 3) - Item 3 EF013_ROADWAYEATURES3 13 (cont.) Surface Special Features (Code up to 3) - Item 3 EF013_ROADWAYEATURES3 13 (cont.) Surface Special Features (Code up to 3) - Item 3 EF013_ROADWAYEATURES3 13 (cont.) Surface Special Features (Overbanding and Tar Snakes) 14 (cont.) Surface Special Features (Bitumen Repair) EF013_ROADWAYEATURESTXT2 14 (cont.) Surface Special Features (Bitumen Repair) EF013_ROADWAYEATURESTXT2 14 (cont.) Vertical Alignment - Text EF013_ROADWAYEATURESTXT3 15 Horizontal Alignment - Text EF014_ROADWAYGADEETXT 15 Horizontal Alignment - Text EF014_ROADWAYGADEETXT 16 (cont.) Horizontal Curve Data - Text EF015_ROADWAYCURVATURE 15 (cont.) Horizontal Curve Data - Text EF016_CURVENUMBER 16 (cont.) Horizontal Curve Data - Chord (Feet) EF016_CURVENDINSTXT 16 (cont.) Horizontal Curve Data - Chord (Feet) EF016_CURVERADIUSMIDORD 16 (cont.) Horizontal Curve Data - Chord (Feet) EF016_CURVERADIUSMIDORDTXT 16 (cont.) Horizontal Curve Data - Superelevation (Percent) EF016_CURVERADIUSMIDORDTXT 16 (cont.) Horizontal Curve Data - Superelevation (Percent) EF016_CURVERADIUSMIDORDTXT 16 (cont.) Horizontal Curve Data - Superelevation (Percent) EF0	8 (cont.)		
9 (cont.)		Ÿ	_
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10 (cont.) Roadway Width - Inches EF010_ROADWAYWIDTHIN 11 Type of Surface EF011_ROADWAYTYPE 12 Surface Condition (Code up to 4) - Item 1 EF011_ROADWAYTYPE 12 Surface Condition (Code up to 4) - Item 1 EF012_ROADWAYCONDITION1 12 (cont.) Surface Condition (Code up to 4) - Item 3 EF012_ROADWAYCONDITION3 12 (cont.) Surface Condition (Code up to 4) - Item 3 EF012_ROADWAYCONDITION3 12 (cont.) Surface Condition (Code up to 4) - Item 4 EF012_ROADWAYCONDITION3 12 (cont.) Surface Condition - Text EF012_ROADWAYCONDITION4 13 (cont.) Surface Special Features (Code up to 3) - Item 1 EF013_ROADWAYCONDITIONTXT 13 Surface Special Features (Code up to 3) - Item 1 EF013_ROADWAYFEATURES1 13 (cont.) Surface Special Features (Code up to 3) - Item 2 EF013_ROADWAYFEATURES2 13 (cont.) Surface Special Features (Code up to 3) - Item 3 EF013_ROADWAYFEATURES2 13 (cont.) Surface Special Features (Code up to 3) - Item 3 EF013_ROADWAYFEATURES3 13 (cont.) Surface Special Features (Code up to 3) - Item 3 EF013_ROADWAYFEATURES3 13 (cont.) Surface Special Features (Code up to 3) - Item 3 EF013_ROADWAYFEATURES3 14 Vertical Alignment EF013_ROADWAYFEATURESTXT1 15 Horizontal Alignment EF013_ROADWAYFEATURESTXT2 16 (cont.) Vertical Alignment Text EF014_ROADWAYFEATURESTXT3 15 (cont.) Vertical Alignment Text EF014_ROADWAYGRADE 16 (cont.) Horizontal Alignment Text EF015_ROADWAYCURVATURE 17 (cont.) Horizontal Curve Data - Curve Number EF016_CURVENUMBER 16 (cont.) Horizontal Curve Data - Radius (Feet) EF016_CURVENUMBER 16 (cont.) Horizontal Curve Data - Radius (Feet) EF016_CURVENUMBER 16 (cont.) Horizontal Curve Data - Chord (Feet) EF016_CURVENDIDSTXT 16 (cont.) Horizontal Curve Data - Superelevation (Percent) EF016_CURVERADIUSMIDORD 16 (cont.) Horizontal Curve Data - Superelevation (Percent) EF016_CURVESUPRELEVATION 17 Exclusive Turn Lane Pres			-
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16 (cont.) Horizontal Curve Data - Radius (Feet) EF016_CURVERADIUS 16 (cont.) Horizontal Curve Data - Radius (Feet) - Text EF016_CURVERADIUSTXT 16 (cont.) Horizontal Curve Data - Chord (Feet) EF016_CURVECHORD 16 (cont.) Horizontal Curve Data - Chord (Feet) - Text EF016_CURVECHORDTXT 16 (cont.) Horizontal Curve Data - Middle Ordinate (Feet) EF016_CURVERADIUSMIDORD 16 (cont.) Horizontal Curve Data - Middle Ordinate (Feet) - EF016_CURVERADIUSMIDORDTXT 16 (cont.) Horizontal Curve Data - Superelevation (Percent) EF016_CURVESUPRELEVATION 16 (cont.) Horizontal Curve Data - Superelevation (Percent) - EF016_CURVESUPRELEVATIONTXT 17 Text Exclusive Turn Lane Presence and Type of Signal Phasing EF017_EXCLUSIVETURNLANE 17 (cont.) Exclusive Turn Lane Presence and Type of Signal EF017_EXCLUSIVETURNLANE 18 EF017_EXCLUSIVETURNLANE EF017_EXCLUSIVETURNLANE 19 EF017_EXCLUSIVETURNLANE EF017_EXCLUSIVETURNLANE 10 EF017_EXCLUSIVETURNLANE EF017_EXCLUSIVETURNLANE 11 EF016_CURVESUPRELEVATION EF017_EXCLUSIVETURNLANE 12 EF017_EXCLUSIVETURNLANE EF017_EXCLUSIVETURNLANE 13 EF017_EXCLUSIVETURNLANE EF017_EXCLUSIVETURNLANE 14 EF018_CURVESUPRELEVATION EF018_CURVESUPRELEVATION 15 EF018_CURVESUPRELEVATION EF018_CURVESUPRELEVATION 16 EF018_CURVESUPRELEVATION EF018_CURVESUPRELEVATION 17 Exclusive Turn Lane Presence and Type of Signal EF018_EXCLUSIVETURNLANE 17 EXCLUSIVETURNLANE EF018_EXCLUSIVETURNLANE EF018_EXCLUSIVETURNLANE 17 EXCLUSIVETURNLANE EF018_EXCLUSIVETURNLANE	16 (cont.)		
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17 (cont.) Exclusive Turn Lane Presence and Type of Signal Phasing - Text EF017_EXCLUSIVETURNLANETXT	16 (cont.)		EF016_CURVELENTH
17 (cont.) Exclusive Turn Lane Presence and Type of Signal Phasing - Text EF017_EXCLUSIVETURNLANETXT			
	17 (cont.)	Exclusive Turn Lane Presence and Type of Signal	
18 Type of Traffic Control EF018 TRAFFICCONTROLS	18	Type of Traffic Control	EF018_TRAFFICCONTROLS

Variable		
Number	Variable	SAS® and Excel TM Name
18 (cont.)	Type of Traffic Control - Text	EF018_TRAFFICCONTROLSTXT
19	Was Traffic Control Functioning Properly	EF019_CONTROLFUNCTIONAL
19 (cont.)	Was Traffic Control Functioning Properly - Text	EF019_CONTROLFUNCTIONALTXT
20	Traffic Control Visible to Vehicle Operator	EF020_OVSIGNALVISIBILITY
20 (cont.)	Traffic Control Visible to Vehicle Operator - Text	EF020_OVSIGNALVISIBILITYTXT
21	Traffic Control Violated by Vehicle Operator	EF021_OVSIGNALVIOLATION
21 (cont.)	Traffic Control Violated by Vehicle Operator - Text	EF021_OVSIGNALVIOLATIONTXT
22	Traffic Density at Time of Crash	EF022_TRAFFICDENSITY
22 (cont.)	Traffic Density at Time of Crash - Text	EF022_TRAFFICDENSITYTXT
23	Visibility Limitation	EF023_VISIBILITYLIMITATIONS
23 (cont.)	Visor, Windscreen Condition	EF023_VISIBILITYVISORLIMITATIONS
23 (cont.)	Visibility Limitation - Text	EF023_VISIBILITYLIMITATIONSTXT
24	Direction of Traffic in Right Lane Adjacent to Vehicle	EF024_ADJRGTLANETRAFFICFLOW
24 (cont.)	Direction of Traffic in Right Lane Adjacent to Vehicle - Text	EF024_ADJRGTLANETRAFFICFLOWTXT
24 (cont.)	Direction of Traffic in Left Lane Adjacent to Vehicle	EF024_ADJLFTLANETRAFFICFLOW
24 (cont.)	Direction of Traffic in Lane Adjacent to Vehicle - Text	EF024_ADJLFTLANETRAFFICFLOWTXT
25	Parked Vehicle Presence in Right Lane Adjacent to Vehicle	EF025_ADJPARKEDVEHICLERGT
25 (cont.)	Parked Vehicle Presence in Right Lane Adjacent to Vehicle - Text	EF025_ADJPARKEDVEHICLERGTTXT
25 (cont.)	Parked Vehicle Presence in Left Lane Adjacent to Vehicle	EF025_ADJPARKEDVEHICLELFT
25 (cont.)	Parked Vehicle Presence in Lane Adjacent to Vehicle - Text	EF025_ADJPARKEDVEHICLELFTTXT
26	Shoulder and Sidewalk Presence on Right in Area Adjacent to Vehicle Lane of Travel	EF026_ADJRGTSHOULDERORWALK
26 (cont.)	Shoulder and Sidewalk Presence on Right in Area Adjacent to Vehicle Lane of Travel - Text	EF026_ADJRGTSHOULDERORWALKTXT
26 (cont.)	Shoulder and Sidewalk Presence on Left in Area Adjacent to Vehicle Lane of Travel	EF026_ADJLFTSHOULDERORWALK
26 (cont.)	Shoulder and Sidewalk Presence in Area Adjacent to Vehicle Lane of Travel	EF026_ADJLFTSHOULDERORWALKTXT
27	Longitudinal Pavement Markings at the Edge of the Lane Traveled by the Vehicle - Right Side	EF027_RGTPAVEMENTMARKING
27 (cont.)	Longitudinal Pavement Markings at the Edge of the Lane Traveled by the Vehicle - Right Side - Text	EF027_RGTPAVEMENTMARKINGTXT
27 (cont.)	Longitudinal Pavement Markings at the Edge of the Lane Traveled by the Vehicle - Left Side	EF027_LFTPAVEMENTMARKING
27 (cont.)	Longitudinal Pavement Markings at the Edge of the Lane Traveled by the Vehicle - Text	EF027_LFTPAVEMENTMARKINGTXT
28	Pavement Markings Material - Right Side	EF028_RGTMARKINGMATERIAL
28 (cont.)	Pavement Markings Material - Right Side - Text	EF028_RGTMARKINGMATERIALTXT
28 (cont.)	Pavement Markings Material - Left Side	EF028_LFTMARKINGMATERIAL
28 (cont.)	Pavement Markings Material - Text	EF028_LFTMARKINGMATERIALTXT
29	Delineator Presence - Right Side	EF029_RGTLANEDELINEATOR
29 (cont.)	Delineator Presence - Right Side - Text	EF029_RGTLANEDELINEATORTXT
29 (cont.)	Delineator Presence - Left Side	EF029_LFTLANEDELINEATOR
29 (cont.)	Delineator Presence - Left Side - Text	EF029_LFTLANEDELINEATORTXT
30	Roadside Environment - Right Side	EF030_RGTROADSIDETERRAIN
30 (cont.)	Roadside Environment - Right Side - Text	EF030_RGTROADSIDETERRAINTXT
30 (cont.)	Roadside Environment - Left Side	EF030_LFTROADSIDETERRAIN
30 (cont.)	Roadside Environment - Test	EF030_LFTROADSIDETERRAINTXT
31 21 (cont.)	Roadside Fixed Object - Right Side	EF031_RGTROADSIDEFIXEDOBJECTTYT
31 (cont.)	Roadside Fixed Object - Right Side - Text Roadside Fixed Object - Left Side	EF031_RGTROADSIDEFIXEDOBJECTTXT
31 (cont.) 31 (cont.)	Roadside Fixed Object - Left Side Roadside Fixed Object - Text	EF031_LFTROADSIDEFIXEDOBJECT
51 (cont.)	Roausiue rixeu Object - Text	EF031_LFTROADSIDEFIXEDOBJECTTXT

Variable Number	Variable	SAS® and Excel TM Name
32	Stationary View Obstructions Along the Operator's Line of Sight at Time of Precipitating Event (Code up to 3) - Item 1	EF032_MCRVIEWOBSTRUCTFIXED1
32 (cont.)	Stationary View Obstructions Along the Operator's Line of Sight at Time of Precipitating Event (Code up to 3) - Item 2	EF032_MCRVIEWOBSTRUCTFIXED2
32 (cont.)	Stationary View Obstructions Along the Operator's Line of Sight at Time of Precipitating Event (Code up to 3) - Item 3	EF032_MCRVIEWOBSTRUCTFIXED3
32 (cont.)	Stationary View Obstructions Along the Operator's Line of Sight at Time of Precipitating Event - Text	EF032_MCRVIEWOBSTRUCTFIXEDTXT
33	Mobile View Obstructions Along the Operator's Line of Sight at Time of Precipitating Event	EF033_MCRVIEWOBSTRUCTMOBILE
33 (cont.)	Mobile View Obstructions Along the Operator's Line of Sight at Time of Precipitating Event - Text	EF033_MCRVIEWOBSTRUCTMOBILETXT
34	Was This Crash Work-Zone Related	EF034_INWORKZONE
35	Location of Crash Within Work Zone - Text	EF035_LOCATIONINWORKZONE
35 (cont.)	Location of Crash Within Work Zone	EF035_LOCATIONINWORKZONETXT
36	Type of Work Zone	EF036_WORKZONETYPE
36 (cont.)	Type of Work Zone - Text	EF036_WORKZONETYPETXT
37	Location of First Harmful Event	EF037_FIRSTHARMEVNTLOCATION
37 (cont.)	Location of First Harmful Event - Text	EF037_FIRSTHARMEVNTLOCATIONTXT
38	If First Harmful Event is a Non-collision	EF038_FIRSTHARMEVNTMCONLY
38 (cont.)	If First Harmful Event is a Non-collision - Text	EF038_FIRSTHARMEVNTMCONLYTXT
39	If First Harmful Event is a Collision with a Non-Fixed Object	EF039_FIRSTHARMEVNTWMOBILE
39 (cont.)	If First Harmful Event is a Collision with a Non- Fixed Object - Text	EF039_FIRSTHARMEVNTWMOBILETXT
40	If First Harmful Event is a Collision with a Fixed Object	EF040_FIRSTHARMEVNTWFIXED
40 (cont.)	If First Harmful Event is a Collision with a Fixed Object - Text	EF040_FIRSTHARMEVNTWFIXEDTXT
41	Pedestrian Involvement	EF041_PEDESTRNINVOLVED
42	Location of Pedestrian at Precipitating Event - Pedestrian 1	EF042_PEDESTRNLOCPRECIPEVNT1
42 (cont.)	Location of Pedestrian at Precipitating Event - Text	EF042_PEDESTRNLOCPRECIPEVNT1TXT
42 (cont.)	Location of Pedestrian at Precipitating Event - Pedestrian 2	EF042_PEDESTRNLOCPRECIPEVNT2
42 (cont.)	Location of Pedestrian at Precipitating Event - Text	EF042_PEDESTRNLOCPRECIPEVNT2TXT
42 (cont.)	Location of Pedestrian at Precipitating Event - Pedestrian 3	EF042_PEDESTRNLOCPRECIPEVNT3
42 (cont.)	Location of Pedestrian at Precipitating Event - Text	EF042_PEDESTRNLOCPRECIPEVNT3TXT
43	Location of Pedestrian at impact - Pedestrian 1	EF043_PEDESTRNLOCATIMPACT1
43 (cont.)	Location of Pedestrian at impact - Text	EF043_PEDESTRNLOCATIMPACT1TXT
43 (cont.)	Location of Pedestrian at impact - Pedestrian 2	EF043_PEDESTRNLOCATIMPACT2
43 (cont.)	Location of Pedestrian at impact - Text	EF043_PEDESTRNLOCATIMPACT2TXT
43 (cont.)	Location of Pedestrian at impact - Pedestrian 3	EF043_PEDESTRNLOCATIMPACT3
43 (cont.)	Location of Pedestrian at impact - Text	EF043_PEDESTRNLOCATIMPACT3TXT
44 (cont.)	Animal Involvement	EF044_ANIMALINVOLVED
44 (cont.)	Animal Involvement - Text	EF044_ANIMALINVOLVEDTXT
44 (cont.) 45	Was the Animal Struck	EF045_ANIMALSTRUCK
46		
	Roadway Design Factors Tayt	EF046_ROADWAYDESIGNCONTRIB
46 (cont.)	Roadway Design Factors - Text	EF046_ROADWAYDESIGNCONTRIBTXT
47 47 (cont.)	Roadway Maintenance Factors Roadway Maintenance Factors Toyt	EF047_ROADWAYMAINTCONTRIB
47 (cont.)	Roadway Maintenance Factors - Text	EF047_ROADWAYMAINTCONTRIBTXT
48	Traffic Control Factors	EF048_TRAFFICCONTROLCONTRIB
48 (cont.)	Traffic Control Factors - Text	EF048_TRAFFICCONTROLCONTRIBTXT
49	Traffic Hazard, including Construction and Maintenance Operations	EF049_TEMPHAZARDCONTRIB
49 (cont.)	Traffic Hazard, including Construction and Maintenance Operations - Text	EF049_TEMPHAZARDCONTRIBTXT

Variable		
Number	Variable	SAS® and Excel TM Name
50	Weather-Related Problems	EF050_WEATHERCONTRIB
50 (cont.)	Weather-Related Problems - Text	EF050_WEATHERCONTRIBTXT
51	Effect of the Visual Background of Other Vehicle Along	EF051_MCVISUALBKGROUNDOFOV
	This Operator/Rider's Line of Sight at Time of	
	Precipitating Event	
51 (cont.)	Effect of the Visual Background of Other Vehicle	EF051_MCVISUALBKGROUNDOFOVTXT
	Along This Operator/Rider's Line of Sight at Time of	
	Precipitating Event - Text	

Table 11. List of variables in the Contributing Factors Form.

Variable Number	Variable	SAS® and Excel TM Name
0	Case Number	FF000_CASEID
1	Roadway Design Issue	FF001_ROADWAYDESIGNONMC
1 (cont.)	Roadway Design Issue - Text	FF001_ROADWAYDESIGNONMCTXT
2	Roadway Maintenance Issue	FF002_ROADWAYMAINTENANCEONMC
2 (cont.)	Roadway Maintenance Issue - Text	FF002_ROADWAYMAINTENANCEONMCTX
3	Traffic Controls Issue or Malfunction	FF003_TRAFFICISSUEONMC
3 (cont.)	Traffic Controls Issue or Malfunction - Text	FF003_TRAFFICISSUEONMCTXT
4	Temporary Traffic Obstruction including	FF004_TEMPOBSTRUCTIONONMC
•	Construction	TI 00 I_IEM OBSTROCTIONOLINE
4 (cont.)	Temporary Traffic Obstruction including	FF004_TEMPOBSTRUCTIONONMCTXT
+ (cont.)	Construction - Text	11004_1EMI OBSTRUCTIONORMETX1
5	Weather-Related Problem	FF005_WEATHERONMC
5 (cont.)	Weather-Related Problem - Text	FF005_WEATHERONMCTXT
6	Visual Background of Other Vehicle along	FF006_VISUALBKGRNDOFOVTOMCR
	Motorcycle Rider's Line of Sight Prior to Crash	FEGG C MANALEN CONTROL CONTROL CONTROL
6 (cont.)	Visual Background of Other Vehicle along	FF006_VISUALBKGRNDOFOVTOMCRTXT
	Motorcycle Rider's Line of Sight Prior to Crash	
	- Text	
7	Effect of Insect Presence on the Rider	FF007_INSECTEFFECT
7 (cont.)	Effect of Insect Presence on the Rider - Text	FF007_INSECTEFFECTTXT
8	MC Front Tire Size	FF008_FRONTMCTIRESIZE
8 (cont.)	MC Front Tire Size - Text	FF008_FRONTMCTIRESIZETXT
8 (cont.)	MC Rear Tire Size	FF008 REARMCTIRESIZE
8 (cont.)	MC Rear Tire Size - Text	FF008_REARMCTIRESIZETXT
9	MC Front Tire Inflation Pressure	FF009 FRONTMCTIREPSI
9 (cont.)	MC Front Tire Inflation Pressure - Text	FF009_FRONTMCTIREPSITXT
9 (cont.)	MC Rear Tire Inflation Pressure	FF009_REARMCTIREPSI
9 (cont.)	MC Rear Tire Inflation Pressure - Text	FF009_REARMCTIREPSITXT
	Crash Causation Related to MC Front Tire or Wheel	
10		FF010_FRONTWHEELCONDITION
10 ()	Condition	PEOLO EDONEWHEEL CONDITIONITYE
10 (cont.)	Crash Causation Related to MC Front Tire or	FF010_FRONTWHEELCONDITIONTXT
10 /	Wheel Condition - Text	TEALS DE LEVINITER GOVERNMENT
10 (cont.)	Crash Causation Related to MC Rear Tire or	FF010_REARWHEELCONDITION
	Wheel Condition	
10 (cont.)	Crash Causation Related to MC Rear Tire or	FF010_REARWHEELCONDITIONTXT
	Wheel Condition - Text	
11	Crash Causation Related to MC Suspension	FF011_SUSPENSIONCONDITION
	Condition	
11 (cont.)	Crash Causation Related to MC Suspension	FF011_SUSPENSIONCONDITIONTXT
	Condition - Text	
12	Crash Causation Related to MC Frame Condition	FF012_FRAMECONDITION
12 (cont.)	Crash Causation Related to MC Frame	FF012_FRAMECONDITIONTXT
. ,	Condition - Text	_
13	Crash Causation Related to MC Cornering Clearance	FF013_CORNERINGCLEARANCE
13 (cont.)	Crash Causation Related to MC Cornering	FF013_CORNERINGCLEARANCETXT
- (/	Clearance - Text	
14	Crash or Injury Causation Related to MC Seat	FF014_SEAT
14 (cont.)	Crash or Injury Causation Related to MC Seat -	FF014_SEATTXT
14 (cont.)	Text	TTOT+_SEXTTXT
15	Crash/Injury Causation Related to MC Gas Tank	FF015_GASTANK
13	Design/Orientation	TTUI3_GASTAINK
15 (25-4)		EEO15 CAGTANIZTYT
15 (cont.)	Crash/Injury Causation Related to MC Gas Tank	FF015_GASTANKTXT
1.0	Design/Orientation - Text	EFFOLG PROVIDED 1 TO
16	Crash Causation Related to MC Drive Chain, Belt, or	FF016_DRIVETRAIN
	Shaft Condition	
16 (cont.)	Crash Causation Related to MC Drive Chain,	FF016_DRIVETRAINTXT
	Belt, or Shaft Condition - Text	
17	Crash or Injury Causation Related to MC Exhaust	FF017_EXHAUST
	System Condition	•

Variable Number	Variable	SAS® and Excel TM Name
17 (cont.)	Crash or Injury Causation Related to MC Exhaust System Condition - Text	FF017_EXHAUSTTXT
18	Motorcycle Vehicle Failure, Crash Causation Related Defect	FF018_MCFAILURE
18 (cont.)	Motorcycle Vehicle Failure, Crash Causation Related Defect - Text	FF018_MCFAILURETXT
19	Was MC Pre-Crash Fire Cause of Crash?	FF019_MCFIRE
19 (cont.)	Was MC Pre-Crash Fire Cause of Crash? - Text	FF019_MCFIRETXT
20	MC Cargo/Luggage Contribution to Crash	FF020_MCCARGO
20 (cont.)	MC Cargo/Luggage Contribution to Crash - Text	FF020_MCCARGOTXT
21	Rider Unsafe Acts in this Crash	FF021_MCRUNSAFEACT
21 (cont.)	Rider Unsafe Acts in this Crash - Text	FF021_MCRUNSAFEACTTXT
22	MC Rider Attention Failure/Distraction or Stress Contribution to Crash	FF022_MCRDISTRACTION
23	Did Motorcyclist's Lane Choice Contribute to Crash Causation?	FF023_MCRLANECHOICE
24	Did Motorcyclist's Traffic Scan Contribute to Crash Causation?	FF024_MCRTRAFFICSCAN
25	Did Motorcyclist's Visual Obstructions Contribute to Crash Causation?	FF025_MCRVISUALOBSTRUCTION
26	Did the Motorcyclist Hazard Detection Failure Contribute to Crash Causation?	FF026_MCRHAZARDDETECTION
27	Did the Motorcyclist's Faulty Traffic Strategy Contribute to Crash Causation?	FF027_MCRTRAFFICSTRATEGY
28	Did the Motorcycle Speed as Compared to Surrounding Traffic Contribute to Crash Causation?	FF028_MCRELATIVESPEED
29	Did the Motorcycle's Position with Respect to Other Traffic Contribute to Crash Causation?	FF029_MCTRAFFICPOSITION
30	Was There a Motorcyclist's Loss of Control that Contributed to Crash Causation?	FF030_MCRCONTROLLOSS
30 (cont.)	Was There a Motorcyclist's Loss of Control that Contributed to Crash Causation? - Text	FF030_MCRCONTROLLOSSTXT
31	Did the Motorcyclist's Control Unfamiliarity Contribute to Crash Causation?	FF031_MCRFAMILIARITYWCONTROLS
32	Did the Motorcyclist's Skills Deficiency Contribute to Crash Causation?	FF032_MCRSKILLDEFICIENCY
33	Did the Motorcyclist's Vehicle Handling Unfamiliarity Contribute to Crash Causation?	FF033_MCRHANDLINGABILITY
34	Did Motorcyclist's Control Operations Interfere with Driving Tasks?	FF034_MCRCONTROLACTIVATION
34 (cont.)	Did Motorcyclist's Control Operations Interfere with Driving Tasks? - Text	FF034_MCRCONTROLACTIVATIONTXT
35	Why did the Motorcyclist Fail to Avoid the Crash	FF035_MCRAVOIDANCEFAILURE
35 (cont.)	Why did the Motorcyclist Fail to Avoid the Crash - Text	FF035_MCRAVOIDANCEFAILURETXT
36	Validity of Evasive Action for the Situation?	FF036_MCREVASIVEACTCHOSEN
37	Competent Execution of Evasive Action	FF037_MCREVASIVEACTEXECUTION
37 (cont.)	Competent Execution of Evasive Action - Text	FF037_MCREVASIVEACTEXECUTIONTXT
38	Why Collision-Avoidance Maneuver Failed	FF038_MCRAVOIDANCEFAILURE
38 (cont.)	Why Collision-Avoidance Maneuver Failed - Text	FF038_MCRAVOIDANCEFAILURETXT
39	Motorcyclist Language Barriers or Difficulty with Sign Comprehension	FF039_MCRLANGUAGEBARRIER
39 (cont.)	Motorcyclist Language Barriers or Difficulty with Sign Comprehension - Text	FF039_MCRLANGUAGEBARRIERTXT
40	Did the Motorcyclist's Traffic Knowledge Deficiency Contribute to Crash Causation?	FF040_MCRLACKOFTRAFFICKNOWLEDGE
41	Did the Motorcyclist's Vehicle Control Skill Deficiency Contribute to Crash Causation?	FF041_MCRCONTROLSKILLDEFICIENCY

Variable Number	Variable	SAS® and Excel TM Name
42	Did the Motorcyclist's Aggressive Attitude Contribute to Crash Causation?	FF042_MCRAGGRESATTITUDECONTRIB
43	Did a Situation Incompatibility Contribute to Crash	FF043_MCRSITUATIONINCONTRIB
44	Causation? Did the Motorcyclist's Compensation Failure	FF044_MCRCOMPENSATEFAILCONTRIB
45	Contribute to Crash Causation? Did the Motorcyclist's Unsafe Act Contribute to	FF045_MCRUNSAFEACTCONTRIB
46	Crash Causation? Did the Motorcyclist's Alcohol/Drug Involvement	FF046_MCRDRUGCONTRIBUTION
	Contribute to Crash Causation?	
47	Were the Motorcyclist's Previous Recorded Violations Related to Current Crash Contributions?	FF047_MCRRELATEDPRIORVIOLATIONS
48	Were the Motorcyclist's Previous Crashes Related to Current Crash Contributions?	FF048_MCRRELATEDPRIORCRASH
49	Did Upper Extremities and Upper Torso Coverage Reduce or Prevent Injury?	FF049_MCRUPPERTORSOPROTECT
49 (cont.)	Did Upper Extremities and Upper Torso Coverage Reduce or Prevent Injury? - Text	FF049_MCRUPPERTORSOPROTECTTXT
50	Did Lower Extremities and Lower Torso Coverage Reduce or Prevent Injury?	FF050_MCRLOWERTORSOPROTECT
50 (cont.)	Did Lower Extremities and Lower Torso Coverage Reduce or Prevent Injury? - Text	FF050_MCRLOWERTORSOPROTECTXT
51	Did Footwear Reduce or Prevent Injury	FF051_MCRFOOTPROTECTION
51 (cont.)	Did Footwear Reduce or Prevent Injury - Text	FF051_MCRFOOTPROTECTIONTXT
52	Did Gloves Reduce or Prevent Injury	FF052_MCRHANDPROTECTION
52 (cont.)	Did Gloves Reduce or Prevent Injury - Text	FF052_MCRHANDPROTECTIONTXT
53	Did Eye Protection Reduce or Prevent Injury	FF053_MCREYEPROTECTION
53 (cont.)	Did Eye Protection Reduce or Prevent Injury - Text	FF053_MCREYEPROTECTIONTXT
54	Did Eye Coverage Reduce or Prevent Injury	FF054_MCRFACEPROTECTION
54 (cont.)	Did Eye Coverage Reduce or Prevent Injury - Text	FF054_MCRFACEPROTECTIONTXT
55	Did Helmet Reduce or Prevent Injury?	FF055_MCRHEADPROTECTION
55 (cont.)	Did Helmet Reduce or Prevent Injury? - Text	FF055_MCRHEADPROTECTIONTXT
56	Did the Helmet Contribute to the Crash?	FF056_MCRHELMETCONTRIBTOCRASH
57	What Was the Effect of the Helmet (code up to 2) - Item 1	FF057_MCRHOWHELMETCONTRIB1
57 (cont.)	What Was the Effect of the Helmet (code up to 2) - Item 2	FF057_MCRHOWHELMETCONTRIB2
57 (cont.)	What Was the Effect of the Helmet - Text	FF057_MCRHOWHELMETCONTRIBUTEDTX
58	If Helmet Was Ejected During Crash, What Was the Cause?	FF058_MCRHELMETEJECTIONCAUSE
58 (cont.)	If Helmet Was Ejected During Crash, What Was the Cause? - Text	FF058_MCRHELMETEJECTIONCAUSETXT
59	Conspicuity Contribution?	FF059_CONSPICUITYCONTRIB
59 (cont.)	Conspicuity Contribution? - Text	FF059_CONSPICUITYCONTRIBTXT
60	Did Apparel Contribute to Comfort, Fatigue, Attention?	FF060_APPARELAFFECTONMCR
60 (cont.)	Did Apparel Contribute to Comfort, Fatigue, Attention? - Text	FF060_APPARELAFFECTONMCRTXT
61	Did Apparel Contribute to Control Interference?	FF061_APPARELAFFECTMCCONTROL
61 (cont.)	Did Apparel Contribute to Control Interference? - Text	FF061_APPARELAFFECTMCCONTROLTXT
62	Did MC Passenger Contribute to Crash Causation?	FF062_MCPCONTRIBUTION
62 (cont.)	Did MC Passenger Contribute to Crash Causation? - Text	FF062_MCPCONTRIBUTIONTXT
63	Effect of Rider/Passenger Interaction on Injury Causation	FF063_MCRMCPINTERACTION1
63 (cont.)	Effect of Rider/Passenger Interaction on Injury Causation - Text	FF063_MCRMCPINTERACTION2

Variable Number	Variable	SAS® and Excel TM Name
64	Did MC Passenger's Upper Extremities and Upper Torso Coverage Reduce or Prevent Injury?	FF064_MCPUPPERTORSOPROTECTION
64 (cont.)	Did MC Passenger's Upper Extremities and	FF064_MCPUPPERTORSOPROTECTIONTX
o i (cont.)	Upper Torso Coverage Reduce or Prevent	11001_Mel ell Enlengel nellellellell
	Injury? - Text	
65	Did MC Passenger's Lower Extremities and Lower	FF065_MCPLOWERTORSOPROTECTION
0.5	Torso Coverage Reduce or Prevent Injury?	11 005_WELLOWER TORSOT ROTECTION
65 (cont.)	Did MC Passenger's Lower Extremities and	FF065_MCPLOWERTORSOPROTECTIONTX
05 (cont.)		FF003_MCFLOWERTORSOFROTECTION12
	Lower Torso Coverage Reduce or Prevent	
	Injury? - Text	EEO CC MCDEO OTED OTE CTION
66	Did MC Passenger's Footwear Reduce or Prevent	FF066_MCPFOOTPROTECTION
	Injury?	EDOCC MODEO OFFICERON ITEM
66 (cont.)	Did MC Passenger's Footwear Reduce or	FF066_MCPFOOTPROTECTIONTXT
	Prevent Injury? - Text	
67	Did MC Passenger's Gloves Reduce or Prevent	FF067_MCPHANDPROTECTION
	Injury?	
67 (cont.)	Did MC Passenger's Gloves Reduce or Prevent	FF067_MCPHANDPROTECTIONTXT
	Injury? - Text	
68	Did MC Passenger's Eye Coverage Reduce or	FF068_MCPEYEPROTECTION
	Prevent Injury?	
68 (cont.)	Did MC Passenger's Eye Coverage Reduce or	FF068_MCPEYEPROTECTIONTXT
	Prevent Injury? - Text	
69	Did MC Passenger's Helmet Reduce or Prevent	FF069_MCPHEADPROTECTION
	Injury?	
69 (cont.)	Did MC Passenger's Helmet Reduce or Prevent	FF069_MCPHEADPROTECTIONTXT
os (cont.)	Injury? - Text	TI 000_METHER IDT NOTEE HOTVING
70	Other Vehicle Number	FF070_INVOLVEDOVCOUNT
70	Other Vehicle Roadway Design Issue?	FF071_ROADWAYDESIGNONOV
71 (cont.)	Other Vehicle Roadway Design Issue? - Text	FF071_ROADWAYDESIGNONOVTXT
72	Other Vehicle Roadway Maintenance Issue?	FF072_ROADWAYMAINTENANCEONOV
72 (cont.)	Other Vehicle Roadway Maintenance Issue? -	FF072_ROADWAYMAINTENANCEONOVT
	Text	
73	Other Vehicle Traffic Controls Issue or Malfunction?	FF073_TRAFFICISSUEONOV
73 (cont.)	Other Vehicle Traffic Controls Issue or	FF073_TRAFFICISSUEONOVTXT
	Malfunction? - Text	
74	Other Vehicle Temporary Traffic	FF074_TEMPOBSTRUCTIONONOV
	Obstruction including Construction?	
74 (cont.)	Other Vehicle Temporary Traffic Obstruction	FF074_TEMPOBSTRUCTIONONOVTXT
	including Construction? - Text	
75	Other Vehicle Weather-Related Problem?	FF075_WEATHERONOV
75 (cont.)	Other Vehicle Weather-Related Problem? - Text	FF075_WEATHERONOVTXT
76	Visual Background of Motorcycle along OV Driver's	FF076_VISUALBKGRNDOFMCTOOVD
	Line of Sight Prior to Crash?	
76 (cont.)	Visual Background of Motorcycle along OV	FF076_VISUALBKGRNDOFMCTOOVDTX
, 0 (00111.)	Driver's Line of Sight Prior to Crash? - Text	110/0_ (IDO/ILDIKOIMIDOFWICTOO (DIA
77	Other Vehicle Failure, Crash Cause Related Defect?	FF077_OVDEFECTASCAUSE
77 (cont.)	Other Vehicle Failure, Crash Cause Related	FF077_OVDEFECTASCAUSETXT
5 0	Defect? - Text	EEOGO OMBAGGAMGE
78	Did Other Vehicle Passengers Contribute to Crash	FF078_OVPASCAUSE
	Causation?	
78 (cont.)	Did Other Vehicle Passengers Contribute to	FF078_OVPASCAUSETXT
	Crash Causation? - Text	
79	Did OV Driver's Attention Failure/Distraction or	FF079_OVDDISTRACTION
	Stress Contribute to Crash Causation?	
80	Did OV Driver's Lane Choice Contribute to Crash	FF080_OVDLANECHOICE
	Causation?	_
81	Did OV Driver's Traffic Scan Contribute to Crash	FF081_OVDTRAFFICSCAN
~ -	Causation?	
82	Did OV Driver's Visual Obstructions Contribute to	FF082_OVDVISUALOBSTRUCTION
		11002_O 1D 1150ALODS INCCITON

Variable Number	Variable	SAS® and Excel TM Name
83	Did the OV Driver's Hazard Detection Failure Contribute to Crash Causation?	FF083_OVDHAZARDDETECTION
84	Did the OV Driver's Faulty Traffic Strategy Contribute to Crash Causation?	FF084_OVDTRAFFICSTRATEGY
85	Did the Other Vehicle's Speed as Compared to	FF085_OVRELATIVESPEED
86	Surrounding Traffic Contribute to Crash Causation? Did the Other Vehicle's Position with Respect to	FF086_OVTRAFFICPOSITION
87	Other Traffic Contribute to Crash Causation? Did the Other Vehicle Driver's Control Unfamiliarity	FF087_OVDFAMILIARITYWITHCONTROLS
88	Contribute to Crash Causation? Did the Other Vehicle Driver's Skills Deficiency	FF088_OVDSKILLDEFICIENCY
89	Contribute to Crash Causation? Did the Other Vehicle Driver's Vehicle	FF089_OVDHANDLINGABILITY
69	Handling Unfamiliarity Contribute to Crash Causation?	FFU09_OVDHANDLINGABILITY
90	Did the Other Vehicle Driver's Control Operations Interfere with Driving Tasks?	FF090_OVDCONTROLACTIVATION
90 (cont.)	Did the Other Vehicle Driver's Control Operations Interfere with Driving Tasks? - Text	FF090_OVDCONTROLACTIVATIONTXT
91	Did the Other Vehicle Driver Fail to Avoid the Crash Due to:	FF091_OVDAVOIDANCEFAILURE
91 (cont.)	Did the Other Vehicle Driver Fail to Avoid the Crash Due to: - Text	FF091_OVDAVOIDANCEFAILURETXT
92	Was the Evasive Action the Proper Choice for the Situation?	FF092_OVDEVASIVEACTCHOSEN
93	Was the Action Properly Executed?	FF093_OVDEVASIVEACTEXECUTION
93 (cont.)	Was the Action Properly Executed? - Text	FF093_OVDEVASIVEACTEXECUTIONTXT
94	The Other Vehicle Driver Failed Collision Avoidance Due to	FF094_OVDAVOIDANCEFAILURE
94 (cont.)	The Other Vehicle Driver Failed Collision Avoidance Due to - Text	FF094_OVDAVOIDANCEFAILURETXT
95	Did the Other Vehicle Driver Experience Language Barriers or Difficulty with Sign Comprehension?	FF095_OVDLANGUAGEBARRIER
95 (cont.)	Did the Other Vehicle Driver Experience Language Barriers or Difficulty with Sign Comprehension? - Text	FF095_OVDLANGUAGEBARRIERTXT
96	Did the Other Vehicle Driver's Traffic Knowledge Deficiency Contribute to Crash Causation?	FF096_OVDLACKOFTRAFFICKNOWLEDGE
97	Did the Other Vehicle Driver's Vehicle Control Skill Deficiency Contribute to Crash Causation?	FF097_OVDCONTROLSKILLDEFICIENCY
98	Did the Other Vehicle Driver's Aggressive Attitude Contribute to Crash Causation?	FF098_OVDAGGRESATTITUDECONTRIB
99	Did a Situation Incompatibility Contribute to Crash Causation?	FF099_OVSITUATIONINCOMPATIBILITY
100	Did the Other Vehicle Driver's Compensation Failure Contribute to Crash Causation	FF100_OVDCOMPENSATIONFAILURE
101	Did the Other Vehicle Driver's Unsafe Act Contribute to Crash Causation?	FF101_OVDUNSAFEACTCONTRIBUTION
102	Did the Other Vehicle Driver's Alcohol/Drug Involvement Contribute to Crash Causation?	FF102_OVDDRUGCONTRIBUTION
103	Were the Other Vehicle Driver's Previous Recorded Violations Related to Current Crash Contributions?	FF103_OVDRELATEDPRIORVIOLATIONS
104	Were the Other Vehicle Driver's Previous Crashes Related to Current Crash Contributions?	FF104_OVDRELATEDPRIORCRASH
105	Primary Crash Contributing Factor	FF105_PRIMARYCONTRIBFACTOR
105 (cont.)	Primary Crash Contributing Factor - Text	FF105_PRIMARYCONTRIBFACTORTXT
106	Crash Contributing Factors (Code up to 3) - Item 1	First Two Characters of FF106_CRASHCONTRIBFACTOR1
106 (cont.)	Crash Contributing Factors (Code up to 3) - Item 2	First Two Characters of FF106_CRASHCONTRIBFACTOR2

Variable		
Number	Variable	SAS® and Excel TM Name
106 (cont.)	Crash Contributing Factors (Code up to 3) -	First Two Characters of
	Item 3	FF106_CRASHCONTRIBFACTOR3
106 (cont.)	Confidence in Crash Contributing Factors -	Last Character of
	Item 1	FF106_CRASHCONTRIBFACTOR1
106 (cont.)	Confidence in Crash Contributing Factors -	Last Character of
	Item 2	FF106_CRASHCONTRIBFACTOR2
106 (cont.)	Confidence in Crash Contributing Factors -	Last Character of
	Item 3	FF106_CRASHCONTRIBFACTOR3
106 (cont.)	Confidence in Crash Contributing Factors - Text	FF106CRASHCONTRIBFACTORTXT

Table 12. List of variables in the Motorcycle Rider Form.

Variable		GLGO LE TIMA
Number	Variable	SAS® and Excel TM Name
0	Case Number	MR000_CASEID
0 (cont.)	Source	MR000_SOURCE
0 (cont.)	Motorcycle Rider Description of Crash	MR000_MCRDESCRIPTION
1 (+)	Operation of Motorcycle Immediately Prior to the Crash	MR001_PRECRASHMCOPERATION
1 (cont.)	Operation of Motorcycle Immediately Prior to the Crash - Text	MR001_PRECRASHMCOPERATIONTXT
2	Sight line at the Start of the Crash Sequence	MR002_PRECRASHSIGHTLINE
2 (cont.)	Sight line at the Start of the Crash Sequence - Text	MR002_PRECRASHSIGHTLINETXT
3	Functioning of Brakes Before the Crash	MR003_PRECRASHBRAKESTATUS
3 (cont.)	Functioning of Brakes Before the Crash - Text	MR003_PRECRASHBRAKESTATUSTXT
4	Status of Hands/Fingers Position on the Front Brake Prior to the Crash Event	MR004_BRAKEHANDLECOVERED
4 (cont.)	Status of Hands/Fingers Position on the Front Brake Prior to the Crash Event - Text	MR004_BRAKEHANDLECOVEREDTXT
5	Travel Lane Just Before the Precipitating Event	MR005_TRAVELLANEPREPRCIP
5 (cont.)	Travel Lane Just Before the Precipitating Event - Text	MR005_TRAVELLANEPREPRCIPTXT
6	Travel Speed Before the Precipitating Event	MR006_TRAVELSPEEDPREPRCIP
6 (cont.)	Travel Speed Before the Precipitating Event - Text	MR006_TRAVELSPEEDPREPRCIPTXT
7	Lateral Direction Movements of Your Motorcycle Immediately Before Impact	MR007_LATERALMOVEPREIMPACT
7 (cont.)	Lateral Direction Movements of Your Motorcycle Immediately Before Impact - Text	MR007_LATERALMOVEPREIMPACTTXT
8	Collision Avoidance Actions Taken (Code Up to 4) - Item 1	MR008_COLLISIONAVOIDANCEACT1
8 (cont.)	Collision Avoidance Actions Taken (Code Up to 4) - Item 2	MR008_COLLISIONAVOIDANCEACT2
8 (cont.)	Collision Avoidance Actions Taken (Code Up to 4) - Item 3	MR008_COLLISIONAVOIDANCEACT3
8 (cont.)	Collision Avoidance Actions Taken (Code Up to 4) - Item 4	MR008_COLLISIONAVOIDANCEACT4
8 (cont.)	Collision Avoidance Actions Taken - Text	MR008_COLLISIONAVOIDANCEACTTXT
9	Status of Control Of The Motorcycle	MR009_MCRCONTROLLOSS
9 (cont.)	Status of Control Of The Motorcycle - Text	MR009_MCRCONTROLLOSSTXT
10	Description of Control Loss Due To Weather, Roadway Or Mechanical Problems	MR010_OTHERFACTORCNTRLLOSS
10 (cont.)	Description of Control Loss Due To Weather, Roadway Or Mechanical Problems - Text	MR010_OTHERFACTORCNTRLLOSSTXT
11	Travel Direction of Other Vehicle With Respect To Motorcycle	MR011_OVAPPROACHPATHWRTMC
11 (cont.)	Travel Direction of Other Vehicle With Respect To Motorcycle - Text	MR011_OVAPPROACHPATHWRTMCTXT
12	Clarity of Line Of Sight To The Other Vehicle	MR012_SIGHTLINETOOVOBSCURED
12 (cont.)	Clarity of Line Of Sight To The Other Vehicle - Text	MR012_SIGHTLINETOOVOBSCUREDTXT
13	Obscurity Of View Of The Other Vehicle	MR013_VIEWTOOVOBSCURED
13 (cont.)	Obscurity Of View Of The Other Vehicle - Text	MR013_VIEWTOOVOBSCUREDTXT
14	Position Of Rider On The Motorcycle At The Time of The Collision	MR014_MCRCRASHPOSITIONONMC
14 (cont.)	Position Of Rider On The Motorcycle At The Time of The Collision - Text	MR014_MCRCRASHPOSITIONONMCTXT
15	State of Distraction By Any Of The Following	MR015_MCRDISTRACTED
15 (cont.)	State of Distraction By Any Of The Following - Text	MR015_MCRDISTRACTEDTXT
16	Start Point Of The Trip	MR016_TRIPORIGIN
16 (cont.)	Start Point Of The Trip - Text	MR016_TRIPORIGINTXT
17	Pre-departure Checks On Your Motorcycle Before Leaving For This Trip (Code up to 4) - Item 1	MR017_PREDEPARTURECHECKS1
17 (cont.)	Pre-departure Checks On Your Motorcycle Before Leaving For This Trip (Code up to 4) - Item 2	MR017_PREDEPARTURECHECKS2
17 (cont.)	Pre-departure Checks On Your Motorcycle Before Leaving For This Trip (Code up to 4) - Item 3	MR017_PREDEPARTURECHECKS3

Variable Number 17 (cont.) Pre-departure Checks On Leaving For This Trip (Co 17 (cont.) Pre-departure Checks On Leaving For This Trip (Co 18 Trip Destination 18 (cont.) Trip Destination - Text 19 Trip Distance In Miles 20 Frequency Of Travel On This R 21 Riding Time Today Prior To Th 21 (cont.) Riding Time Today Prior To Th 21 (cont.) Riding Time Today Prior To Th 22 Miles Ridden Before The Crash 23 At The Time Of The Crash, We 23 (cont.) At The Time Of The Crash, We 24 Reason For Not Wearing A Helmet - Text 24 Reason For Not Wearing A Helmet - Text 25 Do You Ever Wear Helmet 26 Was Your Helmet Properly Ad 26 (cont.) Was Your Helmet Properly Ad 27 (cont.) Helmet Secure on Head 27 (cont.) Helmet Secure on Head 27 (cont.) Helmet Secure on Head 28 (cont.) Type Of Helmet 29 (cont.) Type Of Helmet Coverage 29 (cont.) Type Of Helmet Coverage 29 (cont.) Type Of Helmet Coverage 30 Predominant Color Of Helmet 31 (cont.) Predominant Color Of Helmet 32 (sont.) Is Rider Owner of This Helmet 33 Fit Of Helmet 34 (cont.) Helmet Retained on Head Durin 35 Percent Helmet Use When Ridi 36 (cont.) Conditions When Wear Helmet 36 (cont.) Conditions When Wear Helmet 37 Physical Impairments, If Any (cont.)	cour Motorcycle Before le up to 4) - Item 4 cour Motorcycle Before kt coad On/In Any Vehicle le Crash (Hours) o The Crash (Minutes) o The Crash - Text Occurred crash Occurred - Text le You Wearing A Helmet le Were You Wearing A met Helmet - Text - Text listed On Your Head Adjusted On Your Head -	SAS® and Excel TM Name MR017_PREDEPARTURECHECKS4 MR017_PREDEPARTURECHECKSTXT MR018_TRIPDESTINATION MR018_TRIPDESTINATIONTXT MR019_ONEWAYTRIPMILEAGE MR020_FREQUENCYROUTETRAVELLED MR021_RIDETIMEPRIORTOCRASHHRS MR021_RIDETIMEPRIORTOCRASHMINS MR021_RIDETIMEPRIORTOCRASHTXT MR022_MILESRODEPRIORTOCRASHTXT MR022_MILESRODEPRIORTOCRASHTXT MR023_WEARINGHELMET MR023_WEARINGHELMET MR024_NOHELMETRATIONALE MR024_NOHELMETRATIONALETXT MR025_FREQUENCYHELMETWORN MR025_FREQUENCYHELMETWORNTXT MR026_HELMETPROPERLYADJUSTED MR027_HELMETSECURELYFASTENED MR027_HELMETSECURELYFASTENED MR028_HELMETTYPE
17 (cont.) Pre-departure Checks On Leaving For This Trip (Cont.) 18	cour Motorcycle Before le up to 4) - Item 4 cour Motorcycle Before kt coad On/In Any Vehicle le Crash (Hours) o The Crash (Minutes) o The Crash - Text Occurred crash Occurred - Text le You Wearing A Helmet le Were You Wearing A met Helmet - Text - Text listed On Your Head Adjusted On Your Head -	MR017_PREDEPARTURECHECKS4 MR017_PREDEPARTURECHECKSTXT MR018_TRIPDESTINATION MR018_TRIPDESTINATIONTXT MR019_ONEWAYTRIPMILEAGE MR020_FREQUENCYROUTETRAVELLED MR021_RIDETIMEPRIORTOCRASHHRS MR021_RIDETIMEPRIORTOCRASHMINS MR021_RIDETIMEPRIORTOCRASHTXT MR022_MILESRODEPRIORTOCRASHTXT MR022_MILESRODEPRIORTOCRASHTXT MR023_WEARINGHELMET MR023_WEARINGHELMET MR024_NOHELMETRATIONALE MR024_NOHELMETRATIONALETXT MR025_FREQUENCYHELMETWORN MR025_FREQUENCYHELMETWORNTXT MR026_HELMETPROPERLYADJUSTED MR026_HELMETPROPERLYADJUSTEDTXT MR027_HELMETSECURELYFASTENED MR027_HELMETSECURELYFASTENEDTXT
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17 (cont.) Pre-departure Checks On Leaving For This Trip - To The Trip Destination 18 (cont.) Trip Destination - Text 19 Trip Distance In Miles 20 Frequency Of Travel On This Results of Travel On This Results of Trip Cont.) 21 Riding Time Today Prior To The Class of The C	our Motorcycle Before At Dad On/In Any Vehicle e Crash (Hours) To The Crash (Minutes) To The Crash - Text Occurred Trash Occurred Trash Occurred - Text The You Wearing A Helmet The You Wearing A The Helmet - Text Text Text Text Text Text Adjusted On Your Head Adjusted On Your Head	MR018_TRIPDESTINATION MR018_TRIPDESTINATIONTXT MR019_ONEWAYTRIPMILEAGE MR020_FREQUENCYROUTETRAVELLED MR021_RIDETIMEPRIORTOCRASHHRS MR021_RIDETIMEPRIORTOCRASHMINS MR021_RIDETIMEPRIORTOCRASHTXT MR022_MILESRODEPRIORTOCRASHTXT MR022_MILESRODEPRIORTOCRASHTXT MR023_WEARINGHELMET MR023_WEARINGHELMET MR024_NOHELMETRATIONALE MR024_NOHELMETRATIONALETXT MR025_FREQUENCYHELMETWORN MR025_FREQUENCYHELMETWORNTXT MR026_HELMETPROPERLYADJUSTED MR027_HELMETSECURELYFASTENED MR027_HELMETSECURELYFASTENED
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27 (cont.) Helmet Secure on Head - 28 Type Of Helmet 28 (cont.) Type Of Helmet - Text 29 Type Of Helmet Coverage 29 (cont.) Type Of Helmet Coverage 30 Predominant Color Of Helmet 30 (cont.) Predominant Color Of Helmet 31 Color Of The Face Shield 32 Is Rider Owner of This Helmet 32 (cont.) Is Rider Owner of This Helmet 33 Fit Of Helmet - Text 34 Helmet Retained on Head Durin 34 (cont.) Helmet Retained on Head 35 Percent Helmet Use When Ridi 36 Conditions When Wear Helmet 36 (cont.) Conditions When Wear Helmet 37 Physical Impairments, If Any (cont.) Physical Impairments,	ext	MR027_HELMETSECURELYFASTENEDTXT
28 Type Of Helmet 28 (cont.) Type Of Helmet - Text 29 Type Of Helmet Coverage 29 (cont.) Type Of Helmet Coverage 30 Predominant Color Of Helmet 30 (cont.) Predominant Color Of Helmet 31 Color Of The Face Shield 31 (cont.) Color Of The Face Shield 32 Is Rider Owner of This Helmet 32 (cont.) Is Rider Owner of This Helmet 33 Fit Of Helmet - Text 34 Helmet Retained on Head Durin 34 (cont.) Helmet Retained on Head 35 Percent Helmet Use When Ridi 36 Conditions When Wear Helmet 36 (cont.) Conditions When Wear Helmet 37 Physical Impairments, If Any (cont.)		
28 (cont.) Type Of Helmet - Text 29 Type Of Helmet Coverage 29 (cont.) Type Of Helmet Coverage 30 Predominant Color Of Helmet 30 (cont.) Predominant Color Of Helmet 31 Color Of The Face Shield 31 (cont.) Color Of The Face Shield 32 Is Rider Owner of This Helmet 32 (cont.) Is Rider Owner of This Helmet 33 Fit Of Helmet 33 (cont.) Fit Of Helmet - Text 44 Helmet Retained on Head Durin 45 Percent Helmet Use When Ridi 65 Conditions When Wear Helmet 66 (cont.) Conditions When Wear Helmet 67 (cont.) Conditions When Wear Helmet 68 (cont.) Conditions When Wear Helmet 69 (cont.) Conditions When Wear Helmet 60 (cont.) Conditions When Wear Helmet 61 (cont.) Conditions When Wear Helmet 62 (cont.) Conditions When Wear Helmet 63 (cont.) Conditions When Wear Helmet 63 (cont.) Conditions When Wear Helmet 64 (cont.) Conditions When Wear Helmet 65 (cont.) Conditions When Wear Helmet 66 (cont.) Conditions When Wear Helmet 67 (cont.) Physical Impairments, If Any (cont.) Physical Impairments, If Any (cont.)		THITOEO_TIESHIETTITE
29 Type Of Helmet Coverage 29 (cont.) Type Of Helmet Coverage 30 Predominant Color Of Helmet 30 (cont.) Predominant Color Of Helmet 31 Color Of The Face Shield 31 (cont.) Color Of The Face Shield 32 Is Rider Owner of This Helmet 32 (cont.) Is Rider Owner of This Helmet 33 Fit Of Helmet - Text 34 Helmet Retained on Head Durin 34 (cont.) Helmet Retained on Head 35 Percent Helmet Use When Ridi 36 Conditions When Wear Helmet 36 (cont.) Conditions When Wear Helmet 37 Physical Impairments, If Any (cont.)		MR028_HELMETTYPETXT
29 (cont.) Type Of Helmet Coverage 30 Predominant Color Of Helmet 30 (cont.) Predominant Color Of Helmet 31 Color Of The Face Shield 31 (cont.) Color Of The Face Shield 32 Is Rider Owner of This Helmet 32 (cont.) Is Rider Owner of This Helmet 33 Fit Of Helmet 34 (cont.) Fit Of Helmet - Text 44 Helmet Retained on Head Durin 45 Percent Helmet Use When Ridi 46 (cont.) Conditions When Wear Helmet 36 (cont.) Conditions When Wear Helmet 37 Physical Impairments, If Any (cont.) Physical Impairments, If Any		MR029_HELMETCOVERAGE
30 Predominant Color Of Helmet 30 (cont.) Predominant Color Of Hel 31 Color Of The Face Shield 31 (cont.) Color Of The Face Shield 32 Is Rider Owner of This Helmet 32 (cont.) Is Rider Owner of This Helmet 33 (cont.) Fit Of Helmet - Text 34 Helmet Retained on Head Durin 34 (cont.) Helmet Retained on Head 35 Percent Helmet Use When Ridi 36 Conditions When Wear Helmet 36 (cont.) Conditions When Wear Helmet 37 Physical Impairments, If Any (Conditions) 38 Physical Impairments, If Any (Conditions)	- Text	MR029_HELMETCOVERAGETXT
30 (cont.) Predominant Color Of Hel 31 Color Of The Face Shield 31 (cont.) Color Of The Face Shield 32 Is Rider Owner of This Helmet 33 Fit Of Helmet 33 Fit Of Helmet 34 (cont.) Fit Of Helmet - Text 34 Helmet Retained on Head Durin 35 Percent Helmet Use When Ridi 36 Conditions When Wear Helmet 36 (cont.) Conditions When Wear Helmet 37 Physical Impairments, If Any (cont.) Physical Impairments,	Text	MR030_HELMETCOLOR
31 Color Of The Face Shield 31 (cont.) Color Of The Face Shield 32 Is Rider Owner of This Helmet 32 (cont.) Is Rider Owner of This Helmet 33 Fit Of Helmet 34 (cont.) Fit Of Helmet - Text 34 Helmet Retained on Head Durin 35 Percent Helmet Use When Ridi 36 Conditions When Wear Helmet 36 (cont.) Conditions When Wear Helmet 37 Physical Impairments, If Any (cont.) Physical Impairments, If Any (cont.)	net - Text	MR030_HELMETCOLORTXT
31 (cont.) 32 Is Rider Owner of This Helmet 32 (cont.) Is Rider Owner of This Helmet 33 Fit Of Helmet 33 (cont.) Fit Of Helmet - Text 34 Helmet Retained on Head Durin 34 (cont.) Helmet Retained on Head Durin 35 Percent Helmet Use When Ridi 36 Conditions When Wear Helmet 36 (cont.) Conditions When Wear Helmet 37 Physical Impairments, If Any (cont.) Physical Impairments, If Any (cont.)	net - Text	MR031_FACESHIELDCOLOR
32 Is Rider Owner of This Helmet 32 (cont.) Is Rider Owner of This He 33 Fit Of Helmet 33 (cont.) Fit Of Helmet - Text 34 Helmet Retained on Head Durin 34 (cont.) Helmet Retained on Head 35 Percent Helmet Use When Ridi 36 Conditions When Wear Helmet 36 (cont.) Conditions When Wear He 37 Physical Impairments, If Any (6) 38 (cont.) Physical Impairments, If Any (6) 39 (cont.) Physical Impairments, If Any (6)	Text	MR031_FACESHIELDCOLORTXT
32 (cont.) Is Rider Owner of This He 33 Fit Of Helmet 33 (cont.) Fit Of Helmet - Text 34 Helmet Retained on Head Durin 34 (cont.) Helmet Retained on Head 35 Percent Helmet Use When Ridi 36 Conditions When Wear Helmet 36 (cont.) Conditions When Wear He 37 Physical Impairments, If Any (6) 37 (cont.) Physical Impairments, If A	Text	MR032_HELMETWEARERISOWNER
33 Fit Of Helmet 33 (cont.) Fit Of Helmet - Text 34 Helmet Retained on Head Durit 34 (cont.) Helmet Retained on Head 35 Percent Helmet Use When Ridit 36 Conditions When Wear Helmet 36 (cont.) Conditions When Wear He 37 Physical Impairments, If Any (6) 37 (cont.) Physical Impairments, If A	met - Teyt	MR032_HELMETWEARERISOWNERTXT
33 (cont.) Fit Of Helmet - Text 34 Helmet Retained on Head Durit 34 (cont.) Helmet Retained on Head 35 Percent Helmet Use When Ridit 36 Conditions When Wear Helmet 36 (cont.) Conditions When Wear He 37 Physical Impairments, If Any (6) 37 (cont.) Physical Impairments, If A	inct - Text	MR033_HELMETFIT
34 Helmet Retained on Head Durin 34 (cont.) Helmet Retained on Head 35 Percent Helmet Use When Ridi 36 Conditions When Wear Helmet 36 (cont.) Conditions When Wear He 37 Physical Impairments, If Any (6 37 (cont.) Physical Impairments, If A		MR033_HELMETFIT
34 (cont.) Helmet Retained on Head 35 Percent Helmet Use When Ridi 36 Conditions When Wear Helmet 36 (cont.) Conditions When Wear He 37 Physical Impairments, If Any (6 37 (cont.) Physical Impairments, If A	a The Crosh	MR033_HELMETTTTAT MR034_HELMETRETAINEDINCRASH
35 Percent Helmet Use When Ridi 36 Conditions When Wear Helmet 36 (cont.) Conditions When Wear He 36 (cont.) Conditions When Wear He 36 (cont.) Conditions When Wear He 36 (cont.) Conditions When Wear He 37 Physical Impairments, If Any (6 37 (cont.) Physical Impairments, If A		MR034_HELMETRETAINEDINCRASHTXT
36 Conditions When Wear Helmet 36 (cont.) Conditions When Wear He 37 Physical Impairments, If Any (6 37 (cont.) Physical Impairments, If A		MR035_PERCENTHELMETUSEWHENMCR
36 (cont.) Conditions When Wear Ho 37 Physical Impairments, If Any (cont.) Physical Impairments, If Any (cont.)		
36 (cont.) Conditions When Wear Ho 36 (cont.) Conditions When Wear Ho 36 (cont.) Conditions When Wear Ho 37 Physical Impairments, If Any (cont.) Physical Impairments, If A		MR036_HELMETUSAGECONDITION1 MR036_HELMETUSAGECONDITION2
36 (cont.) Conditions When Wear Ho 36 (cont.) Conditions When Wear Ho 37 Physical Impairments, If Any (cont.) Physical Impairments, If A		
36 (cont.) Conditions When Wear Ho 37 Physical Impairments, If Any (0 37 (cont.) Physical Impairments, If A		MR036_HELMETUSAGECONDITION3
37 Physical Impairments, If Any (0 37 (cont.) Physical Impairments, If A		MR036_HELMETUS AGECONDITION14
37 (cont.) Physical Impairments, If A		MR036_HELMETUSAGECONDITIONTXT
		MR037_PHYSICALIMPAIRMENT1
3/ (cont.) Physical Impairments, If A	NV (L Ode lin to 3) Itam ')	MR037_PHYSICALIMPAIRMENT2
		MR037_PHYSICALIMPAIRMENT3
	ny (Code up to 3) - Item 3	MR037_PHYSICALIMPAIRMENTTXT
Physiological Status At The Tin Item 1	ny (Code up to 3) - Item 3 ny (Code up to 3) - Text	MR038_PHYSIOLOGICALCONCERN1
3) - Item 2	ny (Code up to 3) - Item 3	MR038_PHYSIOLOGICALCONCERN2
	ny (Code up to 3) - Item 3 ny (Code up to 3) - Text ne Of Crash (Code up to 3) - e Time Of Crash (Code up to	WINO30_1 II 1 SIOLOGICALCONCERN2
38 (cont.) Physiological Status At Th	ny (Code up to 3) - Item 3 ny (Code up to 3) - Text ne Of Crash (Code up to 3) -	MR038_PHYSIOLOGICALCONCERN3
39 Psychological Status At The Tit Item 1	ny (Code up to 3) - Item 3 ny (Code up to 3) - Text ne Of Crash (Code up to 3) - e Time Of Crash (Code up to e Time Of Crash (Code up to	
39 (cont.) Psychological Status At Tl 3) - Item 2	ny (Code up to 3) - Item 3 ny (Code up to 3) - Text ne Of Crash (Code up to 3) - e Time Of Crash (Code up to e Time Of Crash (Code up to e Time Of Crash - Text4	MR038_PHYSIOLOGICALCONCERN3

Variable Number	Variable	SAS® and Excel TM Name
39 (cont.)	Psychological Status At The Time Of Crash (Code up to 3) - Item 3	MR039_PSYCHOLOGICALCONCERN3
39 (cont.)	Psychological Status At The Time Of Crash - Text	MR039_PSYCHOLOGICALCONCERNTXT
40	Sleep In Hours 24 Hours Prior To The Crash	MR040_AMTSLEEPLAST24HRS
40 (cont.)	Sleep In Hours 24 Hours Prior To The Crash - Text	MR040_AMTSLEEPLAST24HRSTXT
41	Alcohol Or Any Drugs Or Medications Consumption 24 Hours Prior To The Crash	MR041_DRUGSLAST24HRS
41 (cont.)	Alcohol Or Any Drugs Or Medications Consumption 24 Hours Prior To The Crash - Text	MR041_DRUGSLAST24HRSTXT
42	Type Of Drugs Other Than Alcohol	MR042_NONALCOHOLICDRUGTYPE
42 (cont.)	Type Of Drugs Other Than Alcohol - Text	MR042_NONALCOHOLICDRUGTYPETXT
43	Source Of The Drugs Other Than Alcohol (Code up to 3) - Item 1	MR043_NONALCOHOLICDRUGSOURCE1
43 (cont.)	Source Of The Drugs Other Than Alcohol (Code up to 3) - Item 2	MR043_NONALCOHOLICDRUGSOURCE2
43 (cont.)	Source Of The Drugs Other Than Alcohol (Code up to 3) - Item 3	MR043_NONALCOHOLICDRUGSOURCE3
44	Is Rider Owner Of This Motorcycle	MR044_RIDEROWNSMC
44 (cont.)	Is Rider Owner Of This Motorcycle - Text	MR044_RIDEROWNSMCTXT
45	Purchase Location of This Motorcycle	MR045_WHEREMCPURCHASED
45 (cont.)	Purchase Location of This Motorcycle - Text	MR045_WHEREMCPURCHASEDTXT
46	Time The Crash-Involved Motorcycle Owned By Rider (Years)	MR046_TIMEOWNTHISMCYR
46 (cont.)	Time The Crash-Involved Motorcycle Owned By Rider (Months)	MR046_TIMEOWNTHISMCMO
46 (cont.)	Time The Crash-Involved Motorcycle Owned By Rider - Text	MR046_TIMEOWNTHISMCTXT
47	Time Street Motorcycle Operated By Rider (Years)	MR047_MCRIDINGEXPERIENCEYR
47 (cont.)	Time Street Motorcycle Operated By Rider (Months)	MR047_MCRIDINGEXPERIENCEMO
47 (cont.)	Time Street Motorcycle Operated By Rider - Text	MR047_MCRIDINGEXPERIENCETXT
48	Time The Crash-Involved Motorcycle Operated By Rider (Years)	MR048_RIDINGEXPERIENCETHISMCYR
48 (cont.)	Time The Crash-Involved Motorcycle Operated By Rider (Months)	MR048_RIDINGEXPERIENCETHISMCMO
48 (cont.)	Time The Crash-Involved Motorcycle Operated By Rider - Text	MR048_RIDINGEXPERIENCETHISMCTXT
49	Average Number Of Days/Year Rider Rides Motorcycles	MR049_DAYSRIDDENPERYEAR
49 (cont.)	Average Number Of Days/Year Rider Rides Motorcycles - Text	MR049_DAYSRIDDENPERYEARTXT
50	Miles/Year Rider Ride Motorcycles	MR050_MILESRIDDENPERYEAR
50 (cont.)	Miles/Year Rider Ride Motorcycles - Text	MR050_MILESRIDDENPERYEARTXT
51	Type Of Motorcycle Training Rider Had	MR051_RIDERTRAININGTYPE
51 (cont.)	Type Of Motorcycle Training Rider Had - Text	MR051_RIDERTRAININGTYPETXT
52	Year of Formal Motorcycle Training (Code up to 3) - Item 1	MR052_YEAROFFORMALMCTRAINING1
52 (cont.)	Year of Formal Motorcycle Training (Code up to 3) - Item 2	MR052_YEAROFFORMALMCTRAINING2
52 (cont.)	Year of Formal Motorcycle Training (Code up to 3) - Item 3	MR052_YEAROFFORMALMCTRAINING3
53	Reason For Not Taking Motorcycle Safety Training	MR053_NOTRAININGRATIONALE
53 (cont.)	Reason For Not Taking Motorcycle Safety Training - Text	MR053_NOTRAININGRATIONALETXT
54	Age When Rider Began To Ride A Street Motorcycle	MR054_AGESTARTEDRIDING
54 (cont.)	Age When Rider Began To Ride A Street Motorcycle - Text	MR054_AGESTARTEDRIDINGTXT
55	Time Rider Not Ride A Motorcycle (Years)	MR055_GAPSWITHOUTRIDING
55 (cont.)	Time Rider Not Ride A Motorcycle (Years) - Text	MR055_GAPSWITHOUTRIDINGTXT
56 (cont.)	Most Recent Hiatus In Riding In Years	MR056_LENGTHMCRIDINGHATUS
56 (cont.)	Most Recent Hiatus In Riding In Years - Text	MR056_LENGTHMCRIDINGHIATUSTXT
50 (cont.) 57	Time Driving Another Type of Vehicle Versus Riding a	MR057_PERCENTTRAVELBYMC
<i>J</i> 1	Motorcycle In Percent	IMOO,_I BRODINI IMIY BBD INC

Variable		
Number	Variable	SAS® and Excel TM Name
57 (cont.)	Time Of Riding a Motorcycle Versus Driving Another Type of Vehicle In Percent	MR057_PERCENTTRAVELBYOV
58	When You Ride A Motorcycle, What Is The Percentage Of Time You Use It For Recreation	MR058_PERCENTRECREATIONALUSE
58 (cont.)	When You Ride A Motorcycle, What Is The Percentage Of Time You Use It For Transportation	MR058_PERCENTTRANSPORTATIONUSE
59	How Long Have You Been Driving Any Kind Of Motor Vehicle (Years)	MR059_TIMEDRIVINGANYVEHICLEYR
59 (cont.)	How Long Have You Been Driving Any Kind Of Motor Vehicle (Months)	MR059_TIMEDRIVINGANYVEHICLEMO
59 (cont.)	How Long Have You Been Driving Any Kind Of Motor Vehicle - Text	MR059_TIMEDRIVINGANYVEHICLETXT
60	How Many Miles Per Year Do You Drive a Car Or Truck	MR060_OVDRIVENMILESPERYEAR
60 (cont.)	How Many Miles Per Year Do You Drive a Car Or Truck - Text	MR060_OVDRIVENMILESPERYEARTXT
61	Have You Had Any Car Or Truck Driver Training	MR061_OVTRAINING
61 (cont.)	Have You Had Any Car Or Truck Driver Training - Text	MR061_OVTRAININGTXT
62	Number Of Traffic Convictions In Previous 5 Years	MR062_RECENTTRAFFICCONVICTIONS
63	Number Of Motorcycle Moving Traffic Crashes In Past 5 Years	MR063_MCCRASHESLAST5YRS
64	Number Of Car Or Truck Traffic Crashes In Past 5 Years	MR064_OVCRASHESLAST5YRS
65	Duration Of Experience Riding With Passengers On A Motorcycle	MR065_EXPERIENCERIDINGWITHMCP
66	Duration Of Experience Riding With Cargo/Luggage	MR066_EXPERIENCERIDINGWITHCARGO
67	Are You A Motorcycle Club Member	MR067_MCCLUBMEMBERSHIP
68	Were You Riding With Other Motorcyclists At The Time Of The Crash	MR068_WITHOTHERMCSATCRASH
68 (cont.)	Were You Riding With Other Motorcyclists At The Time Of The Crash - Text	MR068_WITHOTHERMCSATCRASHTXT
69	Number Of Motorcycles In The Group	MR069_NUMBERMCINGROUP
69 (cont.)	Number Of Motorcycles In The Group - Text	MR069_NUMBERMCINGROUPTXT
70	Was The Group Riding In A Specific Formation	MR070_FORMATIONOFGROUP
70 (cont.)	Was The Group Riding In A Specific Formation - Text	MR070_FORMATIONOFGROUPTXT
71	If In A Formation, Where Was Your Motorcycle Placed In The Formation	MR071_POSITIONOFMCINGROUP
71 (cont.)	If In A Formation, Where Was Your Motorcycle Placed In The Formation - Text	MR071_POSITIONOFMCINGROUPTXT
72	What Kind Of Clothing Was On Your Upper Body	MR072_UPPERBODYCLOTHING
72 (cont.)	What Kind Of Clothing Was On Your Upper Body - Text	MR072_UPPERBODYCLOTHINGTXT
73	Was This Upper Body Clothing Motorcycle-Oriented	MR073_WEARINGMCAPPARELTORSO
73 (cont.)	Was This Upper Body Clothing Motorcycle-Oriented - Text	MR073_WEARINGMCAPPARELTORSOTXT
74	What Kind Of Clothing Was On Your Lower Body	MR074_LOWERBODYCLOTHING
74 (cont.)	What Kind Of Clothing Was On Your Lower Body - Text	MR074_LOWERBODYCLOTHINGTXT
75	Was This Lower Body Clothing Motorcycle-Oriented	MR075_MCAPPARELWAISTDOWN
75 (cont.)	Was This Lower Body Clothing Motorcycle-Oriented - Text	MR075_MCAPPARELWAISTDOWNTXT
76	Were You Wearing An Inflatable Safety Vest	MR076_WEARINGINFLATABLEVEST
76 (cont.)	Were You Wearing An Inflatable Safety Vest - Text	MR076_WEARINGINFLATABLEVESTTXT
77	What Kind Of Shoes Or Boots Were You Wearing	MR077_KINDOFSHOESWORN
77 (cont.)	What Kind Of Shoes Or Boots Were You Wearing - Text	MR077_KINDOFSHOESWORNTXT
78	Did This Footwear Go Up Over Your Ankle	MR078_OVERANKLEFOOTWEAR
78 (cont.)	Did This Footwear Go Up Over Your Ankle - Text	MR078_OVERANKLEFOOTWEARTXT
79	Was Footwear Motorcycle-Oriented Or Not	MR079_MCORIENTEDFOOTWEAR
80 (aont.)	Type Of Gloves Used Type Of Gloves Used Toyt	MR080_TYPEOFGLOVESWORN
80 (cont.)	Type Of Gloves Used - Text	MR080_TYPEOFGLOVESWORNTXT

Variable		
Number	Variable	SAS® and Excel TM Name
81	Were/Are Gloves Motorcycle-Oriented Or Not	MR081_GLOVESMCORIENTED
81 (cont.)	Were Gloves Motorcycle-Oriented Or Not - Text	MR081_GLOVESMCORIENTEDTXT
82	Clothing's Retroreflective (Code up to 3) - Item 1	MR082_CLOTHINGRETROFLECTIVE1
82 (cont.)	Clothing's Retroreflective (Code up to 3) - Item 2	MR082_CLOTHINGRETROFLECTIVE2
82 (cont.)	Clothing's Retroreflective (Code up to 3) - Item 3	MR082_CLOTHINGRETROFLECTIVE3
82 (cont.)	Clothing's Retroreflective - Text	MR082_CLOTHINGRETROFLECTIVETXT
83	Clothing Color - Torso	MR083_CLOTHINGCOLORTORSO
83 (cont.)	Clothing Color - Torso - Text	MR083_CLOTHINGCOLORTORSOTXT
83 (cont.)	Clothing Color - Lower Body	MR083_CLOTHINGCOLORWAISTDOWN
83 (cont.)	Clothing Color - Lower Body - Text	MR083_CLOTHINGCOLORWAISTDOWNTXT
83 (cont.)	Clothing Color -Footwear	MR083_COLORFOOTWEAR
83 (cont.)	Clothing Color - Footwear - Text	MR083_COLORFOOTWEARTXT
83 (cont.)	Clothing Color - Gloves	MR083_COLORGLOVES
83 (cont.)	Clothing Color - Gloves - Text	MR083_COLORGLOVESTXT
84 84 (sept.)	Are Corrective Lenses Used Are Corrective Lenses Used - Text	MR084_CORRECTIVELENSESREQD MR084_CORRECTIVELENSESREQDTXT
84 (cont.) 85		
	Type Of Eyewear in Use	MR085_TYPEOFEYEWEARINUSE MR085_TYPEOFEYEWEARINUSETXT
85 (cont.) 86	Type Of Eyewear in Use - Text Color Of The Eye Coverage Lens	MR085_11PEOFE1EWEARINUSETX1 MR086_COLOROFLENS
86 (cont.)	Color Of The Eye Coverage Lens - Text	MR086_COLOROFLENSTXT
87	Status Of Injury In This Crash	MR080_COLOROT-LENSTAT MR087_INJUREDINCRASH
88	Type Of Medical Treatment Received	MR088_TYPEOFMEDICALTREATMENT
88 (cont.)	Type Of Medical Treatment Received - Text	MR088_TYPEOFMEDICALTREATMENTTXT
89	Age At The Time of The Crash	MR089_MCRYEARSOFAGE
90	State/Country Where Current Driver's License Issued	MR090_LICENSEISSUER
91	State/Country Where Current Driver's License Issued - Text	MR090_LICENSEISSUERTXT
91 (cont.)	Type Of Operator's License (Code up to 4) - Item 1	MR091_LICENSETYPE1
91 (cont.)	Type Of Operator's License (Code up to 4) - Item 2	MR091_LICENSETYPE2
91 (cont.)	Type Of Operator's License (Code up to 4) - Item 3	MR091_LICENSETYPE3
91 (cont.)	Type Of Operator's License (Code up to 4) - Item 4	MR091_LICENSETYPE4
92	Type Of Operator's License - Text	MR091_LICENSETYPETXT
92 (cont.)	Year License 1 Issued	MR092_YEARLICENSEISSUED1
92 (cont.)	Year License 2 Issued	MR092_YEARLICENSEISSUED2
92 (cont.)	Year License 3 Issued	MR092_YEARLICENSEISSUED3
92 (cont.)	Year License 4 Issued	MR092_YEARLICENSEISSUED4
93	Number Of Times a Motorcycle Learner's Permit Acquired	MR093_NUMBERMCLEARNERPERMITS
93 (cont.)	Number Of Times a Motorcycle Learner's Permit	MR093_NUMBERMCLEARNERPERMITSTXT
0.4	Acquired - Text	MD004 DUDATIONNOLIGENGEREI DVD
94	Time Length For Motorcycle License Held (Years)	MR094_DURATIONMCLICENSEHELDYR MR094_DURATIONMCLICENSEHELDMO
94 (cont.) 94 (cont.)	Time Length For Motorcycle License Held (Months) Time Length For Motorcycle License Held - Text	MR094_DURATIONMCLICENSEHELDMO MR094_DURATIONMCLICENSEHELDTXT
95 (cont.)	Riders Origin - Hispanic Or Latino	MR095_HISPANICORIGIN
95 (cont.)	Riders Origin - Hispanic Or Latino - Text	MR095_HISPANICORIGINTXT
96	Race (Code up to 3) - Item 1	MR096_RACE1
96 (cont.)	Race (Code up to 3) - Item 2	MR096_RACE2
96 (cont.)	Race (Code up to 3) - Item 3	MR096 RACE3
96 (cont.)	Race - Text	MR096_RACETXT
97	Riders Height (Feet)	MR097_MCRHEIGHTFEET
97 (cont.)	Riders Height (Inches)	MR097_MCRHEIGHTINCHES
98	Riders Weight In Pounds	MR098_MCRWEIGHT
99	Gender	MR099_GENDER
100	Level Of Formal Education	MR100_LEVELOFEDUCATION
100 (cont.)	Level Of Formal Education - Text	MR100_LEVELOFEDUCATIONTXT
101	Current Occupation	MR101_CURRENTOCCUPATION
101 (cont.)	Current Occupation - Text	MR101_CURRENTOCCUPATIONTXT
102	Marital Status	MR102_MARITALSTATUS
102 (cont.)	Marital Status - Text	MR102_MARITALSTATUSTXT
103	Number Of Children	MR103_NUMBEROFCHILDREN
103 (cont.)	Number Of Children - Text	MR103_NUMBEROFCHILDRENTXT
104	Blood Alcohol Concentration (BAC)	MR104_BLOODALCOHOL

Variable Number	Variable	SAS® and Excel TM Name
104 (cont.)	Blood Alcohol Concentration (BAC) - Text	MR104_BLOODALCOHOLTXT
105	Source of BAC Information	MR105_BACINFORMATIONSOURCE
105 (cont.)	Source of BAC Information - Text	MR105 BACINFORMATIONSOURCETXT

Table 13. List of variables in the Control Motorcycle Rider Form.

Variable		
Number	Variable	SAS® and Excel TM Name
0	Case Number	CR000_CASEID
0 (cont.)	Motorcycle Number	CR000_MCNUMBER
1	Start Point Of The Trip	CR001_TRIPORIGIN
1 (cont.)	Start Point Of The Trip - Text	CR001_TRIPORIGINTXT
2.	Safety Or Maintenance Checks Performed Before Leaving	CR002_PREDEPARTURECHECKS1
_	For This Trip (Code up to 4) - Item 1	
2 (cont.)	Safety Or Maintenance Checks Performed Before	CR002_PREDEPARTURECHECKS2
2 (001111)	Leaving For This Trip (Code up to 4) - Item 2	61100 <u>2_</u> 11122211111101120112011201
2 (cont.)	Safety Or Maintenance Checks Performed Before Leaving For This Trip (Code up to 4) - Item 3	CR002_PREDEPARTURECHECKS3
2 (cont.)	Safety Or Maintenance Checks Performed Before Leaving For This Trip (Code up to 4) - Item 4	CR002_PREDEPARTURECHECKS4
2 (cont.)	Safety Or Maintenance Checks Performed Before	CR002_PREDEPARTURECHECKSTXT
2 (cont.)	Leaving For This Trip (Code up to 4) - Text	CR002_I REDEI ARTURECHECKSTAT
3	Trip Destination	CR003_TRIPDESTINATION
3 (cont.)	Trip Destination - Text	CR003_TRIPDESTINATION CR003_TRIPDESTINATIONTXT
<u>4</u> 5	Trip Distance In Miles	CR004_ONEWAYTRIPMILEAGE
	Frequency Of Travel On This Road On/In Any Vehicle	CR005_FREQUENCYROUTETRAVELLED
6	How Long Have You Been Riding Today Since Your Trip Departure (Hours)	CR006_RIDETIMESINCEDEPARTHRS
6 (cont.)	How Long Have You Been Riding Today Since Your Trip Departure (Minutes)	CR006_RIDETIMESINCEDEPARTMINS
6 (cont.)	How Long Have You Been Riding Today Since Your Trip Departure - Text	CR006_RIDETIMESINCEDEPARTTXT
7	How Many Miles Have You Gone Since Your Trip Departure	CR007_MILESRODESINCEDEPART
7 (cont.)	How Many Miles Have You Gone Since Your Trip Departure - Text	CR007_MILESRODESINCEDEPARTTXT
8	What Was Your Travel Speed Just Before You Stopped For This Interview	CR008_SPEEDJUSTPRIORTOSTOP
8 (cont.)	What Was Your Travel Speed Just Before You Stopped For This Interview - Text	CR008_SPEEDJUSTPRIORTOSTOPTXT
9	When You Were Just Riding, Were You Wearing A Helmet?	CR009_WEARINGHELMET
9 (cont.)	When You Were Just Riding, Were You Wearing A Helmet - Text	CR009_WEARINGHELMETTXT
10	Reason For Not Wearing A Helmet	CR010_NOHELMETRATIONALE
10 (cont.)	Reason For Not Wearing A Helmet - Text	CR010_NOHELMETRATIONALETXT
11	Do You Ever Wear Helmet	CR011_FREQUENCYHELMETWORN
11 (cont.)	Do You Ever Wear Helmet - Text	CR011_FREQUENCYHELMETWORNTXT
12	Was Your Helmet Properly Adjusted On Your Head	CR012_HELMETPROPERLYADJUSTED
12 (cont.)	Was Your Helmet Properly Adjusted On Your Head - Text	CR012_HELMETPROPERLYADJUSTEDTXT
13	State Helmet Securely Fastened To Your Head or Not	CR013_HELMETSECURELYFASTENED
13 (cont.)	State Helmet Securely Fastened To Your Head or Not - Text	CR013_HELMETSECURELYFASTENEDTXT
14A	Helmet Standard Conformance (Code up to 4) - Item 1	CR014_HELMETSTDCONFORMITY1
14A (cont.)	Helmet Standard Conformance (Code up to 4) - Item 2	CR014_HELMETSTDCONFORMITY2
14A (cont.)	Helmet Standard Conformance (Code up to 4) - Item 3	CR014_HELMETSTDCONFORMITY3
14A (cont.)	Helmet Standard Conformance (Code up to 4) - Item 4	CR014_HELMETSTDCONFORMITY4
14A (cont.)	Helmet Standard Conformance (Code up to 4) - Text	CR014_HELMETSTDCONFORMITYTXT
14	Helmet Type	CR014_HELMETTYPE
14 (cont.)	Helmet Type - Text	CR014_HELMETTYPETXT
15 (cont.)	Type Of Helmet Coverage	CR014_HELMETT 1 FETAT CR015_HELMETCOVERAGE
	71	
15 (cont.)	Type Of Helmet Coverage - Text	CR015_HELMETCOVERAGETXT
16	Predominant Color of Helmet	CR016_HELMETCOLOR

Variable		
Number	Variable	SAS® and Excel TM Name
16 (cont.)	Predominant Color of Helmet - Text	CR016_HELMETCOLORTXT
17	Color Of The Face Shield	CR017_FACESHIELDCOLOR
17 (cont.)	Color Of The Face Shield - Text	CR017_FACESHIELDCOLORTXT
18	Is Rider Owner of This Helmet	CR018_HELMETWEARERISOWNER
18 (cont.)	Is Rider Owner of This Helmet - Text	CR018_HELMETWEARERISOWNERTXT
19	Fit Of Helmet	CR019_HELMETFIT
19 (cont.)	Fit Of Helmet - Text	CR019_HELMETFITTXT
20	Usage Of Helmet When Riding In Percentage	CR020_PERCENTHELMETUSEWHENMCR
21	Use Of Helmet Under Stated Condition (Code up to 4) -	CR021_HELMETUSAGECONDITION1
	Item 1	CROZI_HEEMETCSHGECONDITION
21 (cont.)	Use Of Helmet Under Stated Condition (Code up to 4) - Item 2	CR021_HELMETUSAGECONDITION2
21 (cont.)	Use Of Helmet Under Stated Condition (Code up to 4) - Item 3	CR021_HELMETUSAGECONDITION3
21 (cont.)	Use Of Helmet Under Stated Condition (Code up to 4) - Item 4	CR021_HELMETUSAGECONDITION4
21 (cont.)	Use Of Helmet Under Stated Condition - Text	CR021_HELMETUSAGECONDITIONTXT
22	Permanent Physical Conditions If Any (Code up to 3) - Item 1	CR022_PHYSICALIMPAIRMENT1
22 (cont.)	Permanent Physical Conditions If Any (Code up to 3) - Item 2	CR022_PHYSICALIMPAIRMENT2
22 (cont.)	Permanent Physical Conditions If Any (Code up to 3) - Item 3	CR022_PHYSICALIMPAIRMENT3
22 (cont.)	Permanent Physical Conditions If Any - Text	CR022_PHYSICALIMPAIRMENTTXT
23	When You Were Just Riding, Were You Experiencing Any Of The Following (Code up to 3) - Item 1	CR023_PHYSIOLOGICALCONCERN1
23 (cont.)	When You Were Just Riding, Were You Experiencing Any Of The Following (Code up to 3) - Item 2	CR023_PHYSIOLOGICALCONCERN2
23 (cont.)	When You Were Just Riding, Were You Experiencing Any Of The Following (Code up to 3) - Item 3	CR023_PHYSIOLOGICALCONCERN3
23 (cont.)	When You Were Just Riding, Were You Experiencing Any Of The Following - Text	CR023_PHYSIOLOGICALCONCERNTXT
24	Psychological Status At The Time Of Interview (Code up to 3) - Item 1	CR024_PSYCHOLOGICALCONCERN1
24 (cont.)	Psychological Status At The Time Of Interview (Code up to 3) - Item 2	CR024_PSYCHOLOGICALCONCERN2
24 (cont.)	Psychological Status At The Time Of Interview (Code up to 3) - Item 3	CR024_PSYCHOLOGICALCONCERN3
24 (cont.)	Psychological Status At The Time Of Interview - Text	CR024_PSYCHOLOGICALCONCERNTXT
25	Sleep In Hours 24 Hours Prior To The Interview	CR025_AMTSLEEPLAST24HRS
25 (cont.)	Sleep In Hours 24 Hours Prior To The Interview - Text	CR025_AMTSLEEPLAST24HRSTXT
26	Alcohol Or Any Drugs Or Medications Consumption 24 Hours Prior To The Interview	CR026_DRUGSLAST24HRS
26 (cont.)	Alcohol Or Any Drugs Or Medications Consumption 24Hours Prior To The Interview - Text	CR026_DRUGSLAST24HRSTXT
27	Type Of Drugs Other Than Alcohol	CR027_NONALCOHOLICDRUGTYPE
27 (cont.)	Type Of Drugs Other Than Alcohol - Text	CR027_NONALCOHOLICDRUGTYPETXT
28	Source Of The Drugs Other Than Alcohol (Code up to 3) - Item 1	CR028_NONALCOHOLICDRUGSOURCE1
28 (cont.)	Source Of The Drugs Other Than Alcohol (Code up to 3) - Item 2	CR028_NONALCOHOLICDRUGSOURCE2
28 (cont.)	Source Of The Drugs Other Than Alcohol (Code up to 3) - Item 3	CR028_NONALCOHOLICDRUGSOURCE3
29	Is Rider Owner Of This Motorcycle	CR029_RIDEROWNSMC
29 (cont.)	Is Rider Owner Of This Motorcycle - Text	CR029_RIDEROWNSMCTXT
30	Location Of Purchase Of This Motorcycle	CR030_WHEREMCPURCHASED
30 (cont.)	Location Of Purchase Of This Motorcycle - Text	CR030_WHEREMCPURCHASEDTXT
31	Time The Interview-Involved Motorcycle Owned By Rider (Years)	CR031_TIMEOWNTHISMCYR
31 (cont.)	Time The Interview-Involved Motorcycle Owned By Rider (Months)	CR031_TIMEOWNTHISMCMO

Variable		
Number	Variable	SAS® and Excel TM Name
31 (cont.)	Time The Interview-Involved Motorcycle Owned By	CR031_TIMEOWNTHISMCTXT
32	Rider - Text Street Motorcycle Experience of Rider (Years)	CD022 MCCTDEETDININCEVDEDIENCEVD
32 (cont.)	Street Motorcycle Experience of Rider (Tears) Street Motorcycle Experience of Rider (Months)	CR032_MCSTREETRIDINGEXPERIENCEYR CR032 MCSTREETRIDINGEXPERIENCEMO
32 (cont.)	Street Motorcycle Experience of Rider (Months) Street Motorcycle Experience of Rider - Text	CR032_MCRIDINGEXPERIENCEMO CR032_MCRIDINGEXPERIENCETXT
33	Experience with Interview-Involved Motorcycle of Rider	CR032_MCKIDINGEXT EKIENCETAT CR033_RIDINGEXPERIENCETHISMCYR
	(Years)	
33 (cont.)	Experience with Interview-Involved Motorcycle of Rider (Months)	CR033_RIDINGEXPERIENCETHISMCMO
33 (cont.)	Experience with Interview-Involved Motorcycle of Rider - Text	CR033_RIDINGEXPERIENCETHISMCTXT
34	Average Number Of Days/Year Rider Rides Motorcycles	CR034_DAYSRIDDENPERYEAR
34 (cont.)	Average Number Of Days/Year Rider Rides Motorcycles - Text	CR034_DAYSRIDDENPERYEARTXT
35	Miles/Year Rider Rides Motorcycles	CR035_MILESRIDDENPERYEAR
35 (cont.)	Miles/Year Rider Rides Motorcycles - Text	CR035_MILESRIDDENPERYEARTXT
36	Type Of Motorcycle Training Rider Had	CR036_RIDERTRAININGTYPE
36 (cont.)	Type Of Motorcycle Training Rider Had - Text	CR036_RIDERTRAININGTYPETXT
37	Reason For Not Taking Motorcycle Safety Training	CR037_NOTRAININGRATIONALE
37 (cont.)	Reason For Not Taking Motorcycle Safety Training - Text	CR037_NOTRAININGRATIONALETXT
38	When Formal Motorcycle Training Taken (code up to 3) - Item 1	CR038_YEAROFFORMALMCTRAINING1
38 (cont.)	When Formal Motorcycle Training Taken (code up to 3) - Item 2	CR038_YEAROFFORMALMCTRAINING2
38 (cont.)	When Formal Motorcycle Training Taken (code up to 3) - Item 3	CR038_YEAROFFORMALMCTRAINING3
39	Age When Rider Began To Ride A Street Motorcycle	CR039_AGESTARTEDRIDING
39 (cont.)	Age When Rider Began To Ride A Street Motorcycle - Text	CR039_AGESTARTEDRIDINGTXT
40	Years In Which Rider Did Not Ride A Motorcycle If Any	CR040_GAPSWITHOUTRIDING
40 (cont.)	Years In Which Rider Did Not Ride A Motorcycle If Any - Text	CR040_GAPSWITHOUTRIDINGTXT
41	Most Recent Hiatus In Riding In Years	CR041_LENGTHMCRIDINGHIATUS
41 (cont.)	Most Recent Hiatus In Riding In Years - Text	CR041_LENGTHMCRIDINGHIATUSTXT
42	Time Of Driving a Motorcycle Versus Another Type of Vehicle In Percentage	CR042_PERCENTTRAVELBYMC
42 (cont.)	Time Of Driving a Motorcycle Versus Another Type of Vehicle In Percentage	CR042_PERCENTTRAVELBYOVTYPE
43	When You Ride A Motorcycle, What Is The Percentage Of Time You Use It For Recreation	CR043_PERCENTRECREATIONALUSE
43 (cont.)	When You Ride A Motorcycle, What Is The Percentage Of Time You Use It For Transportation	CR043_PERCENTTRANSPORTATIONUSE
44	How Long Have You Been Driving Any Kind Of Motor Vehicle (Years)	CR044_TIMEDRIVINGANYVEHICLEYR
44 (cont.)	How Long Have You Been Driving Any Kind Of Motor Vehicle (Months)	CR044_TIMEDRIVINGANYVEHICLEMO
44 (cont.)	How Long Have You Been Driving Any Kind Of Motor Vehicle - Text	CR044_TIMEDRIVINGANYVEHICLETXT
45	How Many Miles Per Year Do You Drive a Car Or Truck	CR045_OVDRIVENMILESPERYEAR
45 (cont.)	How Many Miles Per Year Do You Drive a Car Or Truck - Text	CR045_OVDRIVENMILESPERYEARTXT
46	Have You Had Any Car Or Truck Driver Training	CR046_OVTRAINING
46 (cont.)	Have You Had Any Car Or Truck Driver Training - Text	CR046_OVTRAININGTXT
47	Number Of Traffic Convictions In Previous 5 Years	CR047_RECENTTRAFFICCONVICTIONS
48	Number Of Motorcycle Moving Traffic Crashes In Past 5	CR048_MCCRASHESLAST5YRS
70	Years	CRO TO_TITECTA INTIDIDIDI INTO
49	Number Of Car Or Truck Traffic Crashes In Past 5 Years	CR049_OVCRASHESLAST5YRS
50	Experience Riding With Passengers On A Motorcycle	CR050_EXPERIENCERIDINGWITHMCP
51	Duration Of Experience Riding With Cargo/Luggage	CR051_EXPERIENCERIDINGWITHCARGO
-	<u>.</u>	

Variable	Variable	SAS® and Excel TM Name
Number 52	Variable Are You A Motorcycle Club Member	CR052_MCCLUBMEMBERSHIP
53	Were You Riding With Other Motorcyclists At The Time Of	CR052_WITHOTHERMCTHISTRIP
	The Interview	
53 (cont.)	Were You Riding With Other Motorcyclists At The Time Of The Interview - Text	CR053_WITHOTHERMCTHISTRIPTXT
54	Number Of Motorcycles In The Group	CR054_NUMBERMCINGROUP
54 (cont.)	Number Of Motorcycles In The Group - Text	CR054_NUMBERMCINGROUPTXT
55	Was The Group Riding In A Specific Formation	CR055_FORMATIONOFGROUP
55 (cont.)	Was The Group Riding In A Specific Formation - Text	CR055_FORMATIONOFGROUPTXT
56	If In A Formation, Where Was Your Motorcycle Placed In The Formation	CR056_POSITIONOFMCINGROUP
56 (cont.)	If In A Formation, Where Was Your Motorcycle Placed In The Formation - Text	CR056_POSITIONOFMCINGROUPTXT
57	What Kind Of Clothing Was On Your Upper Body	CR057_UPPERBODYCLOTHING
57 (cont.)	What Kind Of Clothing Was On Your Upper Body - Text	CR057_UPPERBODYCLOTHINGTXT
58	Was This Upper Body Clothing Motorcycle-Oriented	CR058_WEARINGMCAPPARELTORSO
58 (cont.)	Was This Upper Body Clothing Motorcycle-Oriented - Text	CR058_WEARINGMCAPPARELTORSOTXT
59	What Kind Of Clothing Was On Your Lower Body	CR059_LOWERBODYCLOTHING
59 (cont.)	What Kind Of Clothing Was On Your Lower Body - Text	CR059_LOWERBODYCLOTHINGTXT
60	Was This Lower Body Clothing Motorcycle-Oriented	CR060_MCAPPARELWAISTDOWN
60 (cont.)	Was This Lower Body Clothing Motorcycle-Oriented - Text	CR060_MCAPPARELWAISTDOWNTXT
61	Were You Wearing An Inflatable Safety Vest	CR061_WEARINGINFLATABLEVEST
61 (cont.)	Were You Wearing An Inflatable Safety Vest - Text	CR061_WEARINGINFLATABLEVESTTXT
62	What Kind Of Shoes Or Boots Were You Wearing	CR062_KINDOFSHOESWORN
62 (cont.)	What Kind Of Shoes Or Boots Were You Wearing - Text	CR062_KINDOFSHOESWORNTXT
63	Did This Footwear Go Up Over Your Ankle	CR063_OVERANKLEFOOTWEAR
63 (cont.)	Did This Footwear Go Up Over Your Ankle - Text	CR063_OVERANKLEFOOTWEARTXT
64	Was Footwear Motorcycle-Oriented Or Not	CR064_MCORIENTEDFOOTWEAR
65	Type Of Gloves Used	CR065_TYPEOFGLOVESWORN
65 (cont.)	Type Of Gloves Used - Text	CR065_TYPEOFGLOVESWORNTXT
66	Were Gloves Motorcycle-Oriented Or Not	CR066_GLOVESMCORIENTED
66 (cont.)	Were Gloves Motorcycle-Oriented Or Not - Text	CR066_GLOVESMCORIENTEDTXT
67	Was Clothing Retroreflective (Code up to 3) - Item 1	CR067_CLOTHINGRETROFLECTIVE1
67 (cont.)	Was Clothing Retroreflective (Code up to 3) - Item 2	CR067_CLOTHINGRETROFLECTIVE2
67 (cont.)	Was Clothing Retroreflective (Code up to 3) - Item 3	CR067_CLOTHINGRETROFLECTIVE3
67 (cont.)	Was Clothing Retroreflective - Text	CR067_CLOTHINGRETROFLECTIVETXT
68	Torso Clothing Color	CR068_CLOTHINGCOLORTORSO
68 (cont.)	Torso Clothing Color - Text	CR068_CLOTHINGCOLORTORSOTXT
68 (cont.)	Lower Body Clothing Color	CR068_CLOTHINGCOLORWAISTDOWN
68 (cont.)	Lower Body Clothing Color - Text	CR068_CLOTHINGCOLORWAISTDOWNTXT
68 (cont.)	Footween Colon Toyt	CR068_COLORFOOTWEAR
68 (cont.) 68 (cont.)	Footwear Color - Text Gloves Color	CR068_COLORFOOTWEARTXT CR068_COLORGLOVES
68 (cont.)	Gloves Color - Text	CR068_COLORGLOVES CR068_COLORGLOVESTXT
69 (cont.)	Are Corrective Lenses Required	CR069_CORRECTIVELENSESREQD
69 (cont.)	Are Corrective Lenses Required - Text	CR069_CORRECTIVELENSESREQDTXT
70	Type Of Eyewear in Use	CR070_TYPEOFEYEWEARINUSE
70 (cont.)	Type Of Eyewear in Use - Text	CR070_TYPEOFEYEWEARINGSE CR070_TYPEOFEYEWEARINGSETXT
71	Color Of The Eye Coverage Lens	CR071_COLOROFLENS
71 (cont.)	Color Of The Eye Coverage Lens - Text	CR071_COLOROFLENSTXT
72	Age of Driver	CR072_MCRYEARSOFAGE
73	State/Country Where Current Driver's License Issued	CR073_LICENSEISSUER
73 (cont.)	State/Country Where Current Driver's License Issued - Text	CR073_LICENSEISSUERTXT
74	Operator's License Type Held (Code up to 4) - Item 1	CR074_LICENSETYPE1
74 (cont.)	Operator's License Type Held (Code up to 4) - Item 2	CR074_LICENSETYPE2
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Variable		
Number	Variable	SAS® and Excel TM Name
74 (cont.)	Operator's License Type Held (Code up to 4) - Item 3	CR074_LICENSETYPE3
74 (cont.)	Operator's License Type Held (Code up to 4) - Item 4	CR074_LICENSETYPE4
74 (cont.)	Operator's License Type Held - Text	CR074_LICENSETYPETXT
75	Year Was The License(s) Issued - Item 1	CR075_YEARLICENSEISSUED1
75 (cont.)	Year Was The License(s) Issued - Item 2	CR075_YEARLICENSEISSUED2
75 (cont.)	Year Was The License(s) Issued - Item 3	CR075_YEARLICENSEISSUED3
75 (cont.)	Year Was The License(s) Issued - Item 4	CR075_YEARLICENSEISSUED4
76	Number Of Times a Motorcycle Learner's Permit Acquired	CR076_NUMBERMCLEARNERPERMITS
76 (cont.)	Number Of Times a Motorcycle Learner's Permit Acquired - Text	CR076_NUMBERMCLEARNERPERMITSTXT
77	Length of Time Motorcycle License Held (Years)	CR077 DURATIONMCLICENSEHELDYR
77 (cont.)	Length of Time Motorcycle License Held (Months)	CR077_DURATIONMCLICENSEHELDMO
77 (cont.)	Length of Time Motorcycle License Held - Text	CR077_DURATIONMCLICENSEHELDTXT
78	Riders Origin - Hispanic Or Latino	CR078_HISPANICORIGIN
78 (cont.)	Riders Origin - Hispanic Or Latino - Text	CR078_HISPANICORIGINTXT
79	Race (Code up to 4) - Item 1	CR079_RACE1
79 (cont.)	Race (Code up to 4) - Item 2	CR079 RACE2
79 (cont.)	Race (Code up to 4) - Item 3	CR079 RACE3
79 (cont.)	Race (Code up to 4) - Text	CR079_RACETXT
80	Riders Height (Feet)	CR080_MCRHEIGHTFEET
80 (cont.)	Riders Height (Inches)	CR080_MCRHEIGHTINCHES
81	Riders Weight (Pounds)	CR081_MCRWEIGHT
82	Gender	CR082_GENDER
83	Level Of Formal Education	CR083_LEVELOFEDUCATION
83 (cont.)	Level Of Formal Education - Text	CR083_LEVELOFEDUCATIONTXT
84	Current Occupation	CR084_CURRENTOCCUPATION
84 (cont.)	Current Occupation - Text	CR084_CURRENTOCCUPATIONTXT
85	Marital Status	CR085_MARITALSTATUS
85 (cont.)	Marital Status - Text	CR085_MARITALSTATUSTXT
86	Number Of Children	CR086_NUMBEROFCHILDREN
87	Blood Alcohol Concentration (BAC)	CR087_BLOODALCOHOL
87 (cont.)	Blood Alcohol Concentration (BAC) - Text	CR087_BLOODALCOHOLTXT
88	Source of BAC information	CR088_BACINFORMATIONSOURCE
88 (cont.)	Source of BAC information - Text	CR088_BACINFORMATIONSOURCETXT

Table 14. List of variables in the Motorcycle Passenger Form.

Variable Number	Variable	SAS® and Excel TM Name
Number 0	Case Number	MP000_CASEID
0 (cont.)	Passenger Number	MP000_CASEID MP000_PASSENGERNUMBER
0 (cont.)	Source of Passenger	MP000_MPSOURCE
1	Where Were You Located Prior To The Crash	MP001_MCPLOCATIONPRIORCRASH
1 (cont.)	Where Were You Located Prior To The Crash - Text	MP001_MCPLOCATIONPRIORCRASHTXT
2	What Was Your Riding Position at the Time Of Collision	MP002_MCPCRASHPOSITION
2 (cont.)	What Was Your Riding Position at the Time Of What Was Your Riding Position at the Time Of	MP002_MCPCRASHPOSITIONTXT
	Collision - Text	
3	Did Any Of Your Actions Contribute To The Crash	MP003_ACTIONSCONTRIBTOCRASH
3 (cont.)	Did Any Of Your Actions Contribute To The Crash - Text	MP003_ACTIONSCONTRIBTOCRASHTXT
4	At The Time Of The Crash, Were You Wearing A Helmet	MP004_WEARINGHELMET
4 (cont.)	At The Time Of The Crash, Were You Wearing A	MP004_WEARINGHELMETTXT
, ,	Helmet - Text	_
5	Reason For Not Wearing A Helmet	MP005_NOHELMETRATIONALE
5 (cont.)	Reason For Not Wearing A Helmet - Text	MP005_NOHELMETRATIONALETXT
6	Do You Ever Wear Helmet	MP006_FREQUENCYHELMETWORN
6 (cont.)	Do You Ever Wear Helmet - Text	MP006_FREQUENCYHELMETWORNTXT
7	Was Your Helmet Properly Adjusted On Your Head	MP007_HELMETPROPERLYADJUSTED
7 (cont.)	Was Your Helmet Properly Adjusted On Your Head - Text	MP007_HELMETPROPERLYADJUSTEDTXT
8	State Helmet Securely Fastened To Your Head or Not	MP008_HELMETSECURELYFASTENED
8 (cont.)	State Helmet Securely Fastened To Your Head or Not -	MP008_HELMETSECURELYFASTENEDTXT
9	Text Type Of Helmet	MP009_HELMETTYPE
9 (cont.)	Type Of Helmet - Text	MP009_HELMETTYPETXT
9 (cont.)	Type Of Helmet - Text Type Of Helmet Coverage	MP009_HELMETT TPETAT MP010_HELMETCOVERAGE
10 (cont.)	Type Of Helmet Coverage - Text	
11	Predominant Color Of Helmet	MP010_HELMETCOVERAGETXT MP011_HELMETCOLOR
11 (cont.)	Predominant Color Of Helmet - Text	MP011_HELMETCOLORTXT
12	Color Of The Face Shield	MP012_FACESHIELDCOLOR
12 (cont.)	Color Of The Face Shield - Text	MP012_FACESHIELDCOLORTXT
13	Owner of This Helmet	MP012_FACESHIELDCOLORTAT MP013_HELMETWEARERISOWNER
13 (cont.)	Owner of This Helmet - Text	MP013_HELMETWEARERISOWNERTXT
14	Fitting Of Helmet	MP014_HELMETFIT
14 (cont.)	Fitting Of Helmet - Text	MP014_HELMETFITXT
15	Retaining Of Helmet In Place On Head During The Crash	MP015_HELMETRETAINEDINCRASH
15 (cont.)	Retaining Of Helmet In Place On Head During The	MP015_HELMETRETAINEDINCRASHTXT
1.6	Crash - Text	MD01 C DED CENTRIEI METRICEWHENIACD
16	Percent Time Wear Helmet When Motorcycle Passenger	MP016_PERCENTHELMETUSEWHENMCP
17	Use Of Helmet Under Stated Condition (Code up to 3) - Item 1	MP017_HELMETUSAGECONDITION1
17 (cont.)	Use Of Helmet Under Stated Condition (Code up to 3) - Item 2	MP017_HELMETUSAGECONDITION2
17 (cont.)	Use Of Helmet Under Stated Condition (Code up to 3) - Item 3	MP017_HELMETUSAGECONDITION3
17 (cont.)	Use Of Helmet Under Stated Condition (Code up to 3) - Item 4	MP017_HELMETUSAGECONDITION4
17 (cont.)	Use Of Helmet Under Stated Condition - Text	MP017_HELMETUSAGECONDITIONTXT
18	Permanent Physical Conditions If Any (Code up to 3) - Item 1	MP018_PHYSICALIMPAIRMENT1
18 (cont.)	Permanent Physical Conditions If Any (Code up to 3) - Item 2	MP018_PHYSICALIMPAIRMENT2
18 (cont.)	Permanent Physical Conditions If Any (Code up to 3) - Item 3	MP018_PHYSICALIMPAIRMENT3
18 (cont.)	Permanent Physical Conditions If Any - Text	MP018_PHYSICALIMPAIRMENTTXT
19 (cont.)	Physical Status At The Time Of Crash (Code up to 3) -	MP019_PHYSIOLOGICALCONCERN1
1)	Item 1	MI 017_1 II I DIOLOGICALCONCLINI

Variable Number	Variable	SAS® and Excel TM Name
19 (cont.)	Physical Status At The Time Of Crash (Code up to 3) -	MP019_PHYSIOLOGICALCONCERN2
	Item 2	
19 (cont.)	Physical Status At The Time Of Crash (Code up to 3) - Item 3	MP019_PHYSIOLOGICALCONCERN3
19 (cont.)	Physical Status At The Time Of Crash (Code up to 3) - Text	MP019_PHYSIOLOGICALCONCERNTXT
20	Psychological Status At The Time Of Crash (Code up to 3) - Item 1	MP020_PSYCHOLOGICALCONCERN1
20 (cont.)	Psychological Status At The Time Of Crash (Code up to 3) - Item 2	MP020_PSYCHOLOGICALCONCERN2
20 (cont.)	Psychological Status At The Time Of Crash (Code up to 3) - Item 3	MP020_PSYCHOLOGICALCONCERN3
20 (cont.)	Psychological Status At The Time Of Crash - Text	MP020_PSYCHOLOGICALCONCERNTXT
21	Sleep In Hours 24 Hours Prior To The Crash	MP021_AMTSLEEPLAST24HRS
21 (cont.)	Sleep In Hours 24 Hours Prior To The Crash - Text	MP021_AMTSLEEPLAST24HRSTXT
22	Alcohol Or Any Drugs Or Medications Consumption 24 Hours Prior To The Crash	MP022_DRUGSLAST24HRS
22 (cont.)	Alcohol Or Any Drugs Or Medications Consumption 24 Hours Prior To The Crash - Text	MP022_DRUGSLAST24HRSTXT
23	Type Of Drugs Other Than Alcohol	MP023_NONALCOHOLICDRUGTYPE
23 (cont.)	Type Of Drugs Other Than Alcohol - Text	MP023_NONALCOHOLICDRUGTYPETXT
24	Source Of The Drugs Other Than Alcohol (Code up to 3) - Item 1	MP024_NONALCOHOLICDRUGSOURCE1
24 (cont.)	Source Of The Drugs Other Than Alcohol (Code up to 3) - Item 2	MP024_NONALCOHOLICDRUGSOURCE2
24 (cont.)	Source Of The Drugs Other Than Alcohol (Code up to 3) - Item 3	MP024_NONALCOHOLICDRUGSOURCE3
25	How Long Have You Been Riding As A Passenger on the Crash-Involved Motorcycle (Years)	MP025_MCPEXPERIENCETHISMCYR
25 (cont.)	How Long Have You Been Riding As A Passenger on the Crash-Involved Motorcycle (Months)	MP025_MCPEXPERIENCETHISMCMO
26	How Long Have You Been Riding As A Passenger In Any Kind Of Motor Vehicle (Years)	MP026_VEHICLEPASNGREXPERIENCEYR
26 (cont.)	How Long Have You Been Riding As A Passenger In Any Kind Of Motor Vehicle (Months)	MP026_VEHICLEPASNGREXPERIENCEMO
27	How Long Have You Ridden As A Passenger On Any Street Motorcycle (Years)	MP027_MCPEXPERIENCEONSTREETMCYR
27 (cont.)	How Long Have You Ridden As A Passenger On Any Street Motorcycle (Months)	MP027_MCPEXPERIENCEONSTREETMCMO
28	What is The Average Number Of Days Per Year You Ride As A Passenger On Motorcycles	MP028_DAYSPERYEARASMCP
29	What Kind Of Motorcycle Training Have You Had	MP029_TYPEOFMCTRAINING
29 (cont.)	What Kind Of Motorcycle Training Have You Had - Text	MP029_TYPEOFMCTRAININGTXT
30	When You Travel as a Passenger, What is the Percentage of Time You Ride on a Motorcycle Versus Riding as a Passenger in Another Type of Vehicle	MP030_WHENPSNGRPERCENTONMC
30 (cont.)	When You Travel as a Passenger, What is the Percentage of Time You Ride on/in Other than a Motorcycle Versus Riding as a Motorcycle Passenger	MP030_WHENPSNGRPERCENTINOV
31	When You Ride A Motorcycle As A Passenger, What Is The Percentage Of Time It Is For Recreation	MP031_PERCENTMCPFORRECREATION
31 (cont.)	When You Ride A Motorcycle As A Passenger, What Is The Percentage Of Time It Is For Transportation	MP031_PERCENTMCPFORTRANSPORT
32	How Much Experience Do You Have Riding As A Passenger On Motorcycles	MP032_EXPERIENCEASMCP
32 (cont.)	How Much Experience Do You Have Riding As A Passenger On Motorcycles - Text	MP032_EXPERIENCEASMCPTXT
33	How Many Motorcycle Moving Traffic Crashes Have You Had As A Passenger In The Past 5 Years	MP033_CRASHESWHENMCPINLAST5YRS

Variable Number	Variable	SAS® and Excel TM Name
34	How Many Car Or Truck Traffic Crashes Have You Had As	MP034_CRASHESWHENOVPINLAST5YRS
3.	A Passenger In The Past 5 Years	WI 03 I_ORI BILES WILL VO VI II VENEDIO IRES
35	What Kind Of Clothing Was On Your Upper Body	MP035_UPPERBODYCLOTHING
35 (cont.)	What Kind Of Clothing Was On Your Upper Body -	MP035_UPPERBODYCLOTHINGTXT
36	Text Was This upper Body Clothing Motorcycle-Oriented	MP036_WEARINGMCAPPARELTORSO
36 (cont.)	Was This upper Body Clothing Motorcycle-Oriented -	MP036_WEARINGMCAPPARELTORSOTXT
30 (cont.)	Text	WI 030_WEAKINGMEAT TAKEETOKSOTAT
37	What Kind Of Clothing Was On Your Lower Body	MP037_LOWERBODYCLOTHING
37 (cont.)	What Kind Of Clothing Was On Your Lower Body - Text	MP037_LOWERBODYCLOTHINGTXT
38	Was This Lower Body Clothing Motorcycle-Oriented	MP038_MCAPPARELWAISTDOWN
38 (cont.)	Was This Lower Body Clothing Motorcycle-Oriented - Text	MP038_MCAPPARELWAISTDOWNTXT
39	Were You Wearing An Inflatable Safety Vest	MP039_WEARINGINFLATABLEVEST
39 (cont.)	Were You Wearing An Inflatable Safety Vest - Text	MP039_WEARINGINFLATABLEVESTTXT
40	What Kind Of Shoes Or Boots Were You Wearing	MP040 KINDOFSHOESWORN
40 (cont.)	What Kind Of Shoes Or Boots Were You Wearing -	MP040_KINDOFSHOESWORNTXT
41	Text Did This Footwear Go Up Over Your Ankle	MP041_OVERANKLEFOOTWEAR
41 (cont.)	Did This Footwear Go Up Over Your Ankle - Text	MP041_OVERANKLEFOOTWEARTXT
42	Was Footwear Motorcycle-Oriented Or Not	MP042_MCORIENTEDFOOTWEAR
43	Type Of Gloves Used	MP043_TYPEOFGLOVESWORN
43 (cont.)	Type Of Gloves Used - Text	MP043_TYPEOFGLOVESWORNTXT
44	Were Gloves Motorcycle-Oriented Or Not	MP044_GLOVESMCORIENTED
44 (cont.)	State Whether Are Gloves Motorcycle-Oriented Or Not - Text	MP044_GLOVESMCORIENTEDTXT
45	Was Clothing Retroreflective (Code up to 3) - Item 1	MP045_CLOTHINGRETROFLECTIVE1
45 (cont.)	Was Clothing Retroreflective (Code up to 3) - Item 2	MP045_CLOTHINGRETROFLECTIVE2
45 (cont.)	Was Clothing Retroreflective (Code up to 3) - Item 3	MP045_CLOTHINGRETROFLECTIVE3
45 (cont.)	Was Clothing Retroreflective - Text	MP045_CLOTHINGRETROFLECTIVETXT
46	Clothing Color - Torso	MP046_CLOTHINGCOLORTORSO
46 (cont.)	Clothing Color - Torso - Text	MP046_CLOTHINGCOLORTORSOTXT
46 (cont.)	Clothing Color - Lower Body	MP046_CLOTHINGCOLORWAISTDOWN
46 (cont.)	Clothing Color - Lower Body - Text	MP046_CLOTHINGCOLORWAISTDOWNTXT
46 (cont.)	Clothing Color - Footwear	MP046_COLORFOOTWEAR
46 (cont.)	Clothing Color - Footwear - Text	MP046_COLORFOOTWEARTXT
46 (cont.)	Clothing Color - Gloves	MP046_COLORGLOVES
46 (cont.)	Clothing Color - Gloves - Text	MP046_COLORGLOVESTXT
47	Type Of Eyewear	MP047_TYPEOFEYEWEARINUSE
47 (cont.)	Type Of Eyewear - Text	MP047_TYPEOFEYEWEARINUSETXT
48 (cont.)	What Color Was The Eye Coverage Lens What Color Was The Eye Coverage Lens - Text	MP048_COLOROFLENS MP048_COLOROFLENSTXT
48 (cont.) 49	Status Of Injury In This Crash	MP048_COLOROFLENSTXT MP049_INJUREDINCRASH
50	Type Of Medical Treatment Received	MP050_TYPEOFMEDICALTREATMENT
50 (cont.)	Type Of Medical Treatment Received - Text	MP050_TYPEOFMEDICALTREATMENTTXT
51	Age At The Time of The Crash	MP051_MCPYEARSOFAGE
52	State/Country Where Current Driver's License Issued	MP052_LICENSEISSUER
52 (cont.)	State/Country Where Current Driver's License Issued - Text	MP052_LICENSEISSUERTXT
53	Type Of Operator's License (Code up to 4) - Item 1	MP053_LICENSETYPE1
53 (cont.)	Type Of Operator's License (Code up to 4) - Item 2	MP053_LICENSETYPE2
53 (cont.)	Type Of Operator's License (Code up to 4) - Item 3	MP053_LICENSETYPE3
53 (cont.)	Type Of Operator's License (Code up to 4) - Item 4	MP053_LICENSETYPE4
53 (cont.)	Type Of Operator's License - Text	MP053_LICENSETYPETXT
54	Year License 1 Issued	MP054_YEARLICENSEISSUED1
54 (cont.)	Year License 2 Issued	MP054_YEARLICENSEISSUED2
54 (cont.)	Year License 3 Issued	MP054_YEARLICENSEISSUED3
54 (cont.)	Year License 4 Issued	MP054_YEARLICENSEISSUED4
55	Riders Origin - Hispanic Or Latino	MP055_HISPANICORIGIN

Variable Number	Variable	SAS® and Excel TM Name
55 (cont.)	Riders Origin - Hispanic Or Latino - Text	MP055_HISPANICORIGINTXT
56	Race (Code up to 3) - Item 1	MP056_RACE1
56 (cont.)	Race (Code up to 3) - Item 2	MP056_RACE2
56 (cont.)	Race (Code up to 3) - Item 3	MP056_RACE3
56 (cont.)	Race - Text	MP056_RACETXT
57	Riders Height (Feet)	MP057_MCPHEIGHTFEET
57 (cont.)	Riders Height (Inches)	MP057_MCPHEIGHTINCHES
58	Riders Weight (Pounds)	MP058_MCPWEIGHT
59	Gender	MP059_GENDER
60	Level Of Formal Education	MP060_LEVELOFEDUCATION
60 (cont.)	Level Of Formal Education - Text	MP060_LEVELOFEDUCATIONTXT
61	Current Occupation	MP061_CURRENTOCCUPATION
61 (cont.)	Current Occupation - Text	MP061_CURRENTOCCUPATIONTXT
62	Marital Status	MP062_MARITALSTATUS
62 (cont.)	Marital Status - Text	MP062_MARITALSTATUSTXT
63	Number Of Children	MP063_NUMBEROFCHILDREN
63 (cont.)	Number Of Children - Text	MP063_NUMBEROFCHILDRENTXT
64	Blood alcohol concentration (BAC)	MP064_BLOODALCOHOL
64 (cont.)	Blood alcohol concentration (BAC) - Text	MP064_BLOODALCOHOLTXT
65	Source of BAC information	MP065_BACINFORMATIONSOURCE
65 (cont.)	Source of BAC information - Text	MP065_BACINFORMATIONSOURCETXT

Table 15. List of variables in the Control Motorcycle Passenger Form.

Variable		
Number	Variable	SAS® and Excel TM Name
0	Case Number	CP000_CASEID
0 (cont.)	Control Motorcycle Number	CP000_CMCNUMBER
0 (cont.)	Passenger Number	CP000_MCPNUMBER
1	At The Time Of The Crash, Were You Wearing A Helmet	CP001_WEARINGHELMET
1 (cont.)	At The Time Of The Crash, Were You Wearing A Helmet - Text	CP001_WEARINGHELMETTXT
2	Reason For Not Wearing A Helmet	CP002_NOHELMETRATIONALE
2 (cont.)	Reason For Not Wearing A Helmet - Text	CP002_NOHELMETRATIONALETXT
3	Do You Ever Wear a Helmet?	CP003_FREQUENCYHELMETWORN
3 (cont.)	Do You Ever Wear a Helmet? - Text	CP003_FREQUENCYHELMETWORNTXT
4	Was Your Helmet Properly Adjusted On Your Head	CP004_HELMETPROPERLYADJUSTED
4 (cont.)	Was Your Helmet Properly Adjusted On Your Head - Text	CP004_HELMETPROPERLYADJUSTEDTXT
5	State Helmet Securely Fastened To Your Head or Not	CP005_HELMETSECURELYFASTENED
5 (cont.)	State Helmet Securely Fastened To Your Head or Not -	CP005_HELMETSECURELYFASTENEDTXT
	Text	
6	Type Of Helmet	CP006_HELMETTYPE
6 (cont.)	Type Of Helmet - Text	CP006_HELMETTYPETXT
ба	Conformity to Which Qualification (Code Up to 4) - Item 1	CP006_HELMETSTDCOMFORMITY1
6a (cont.)	Conformity to Which Qualification (Code Up to 4) - Item 2	CP006_HELMETSTDCOMFORMITY2
6a (cont.)	Conformity to Which Qualification (Code Up to 4) - Item 3	CP006_HELMETSTDCOMFORMITY3
6a (cont.)	Conformity to Which Qualification (Code Up to 4) - Item 4	CP006_HELMETSTDCOMFORMITY4
6a (cont.)	Conformity to Which Qualification - Text	CP006_HELMETSTDCOMFORMITYTXT
7	Type Of Helmet Coverage	CP007_HELMETCOVERAGE
7 (cont.)	Type Of Helmet Coverage - Text	CP007_HELMETCOVERAGETXT
8	Predominant Color Of Helmet	CP008_HELMETCOLOR
8 (cont.)	Predominant Color Of Helmet - Text	CP008_HELMETCOLORTXT
9	Color Of The Face Shield	CP009_FACESHIELDCOLOR
9 (cont.)	Color Of The Face Shield - Text	CP009_FACESHIELDCOLORTXT
10	Owner of This Helmet	CP010_HELMETWEARERISOWNER
10 (cont.)	Owner of This Helmet - Text	CP010_HELMETWEARERISOWNERTXT
11	Fitting Of Helmet	CP011_HELMETFIT
11 (cont.)	Fitting Of Helmet - Text	CP011_HELMETFITTXT
12	Time Of Usage Of Helmet When Riding In Percentage	CP012_PERCENTHELMETUSEWHENMCP
13	Use Of Helmet Under Stated Condition (Code up to 4) -	CP012_FERCENTHELMET USE WHENMET CP013_HELMETUSAGECONDITION1
13 (cont.)	Item 1 Use Of Helmet Under Stated Condition (Code up to 4) -	CP013_HELMETUSAGECONDITION2
13 (cont.)	Item 2 Use Of Helmet Under Stated Condition (Code up to 4) -	CP013_HELMETUSAGECONDITION3
13 (cont.)	Use Of Helmet Under Stated Condition (Code up to 4) -	CP013_HELMETUSAGECONDITION4
12 (Item 4	ODO12 HELMETICA CECONDITION TO THE
13 (cont.)	Use Of Helmet Under Stated Condition - Text	CP013_HELMETUSAGECONDITIONTXT
14	Permanent Physical Conditions If Any (Code up to 3) - Item 1	CP014_PHYSICALIMPAIRMENT1
14 (cont.)	Permanent Physical Conditions If Any (Code up to 3) - Item 2	CP014_PHYSICALIMPAIRMENT2
14 (cont.)	Permanent Physical Conditions If Any (Code up to 3) - Item 3	CP014_PHYSICALIMPAIRMENT3
14 (cont.)	Permanent Physical Conditions If Any - Text	CP014_PHYSICALIMPAIRMENTTXT
15	Psychological Status At The Time Of Crash (Code up to 3) - Item 1	CP015_PHYSIOLOGICALCONCERN1
15 (cont.)	Psychological Status At The Time Of Crash (Code up to 3) - Item 2	CP015_PHYSIOLOGICALCONCERN2

Variable Number	Variable	SAS® and Excel TM Name
15 (cont.)	Psychological Status At The Time Of Crash (Code up to 3) - Item 3	CP015_PHYSIOLOGICALCONCERN3
15 (cont.)	Psychological Status At The Time Of Crash - Text	CP015_PHYSIOLOGICALCONCERNTXT
16	Physical Status At The Time Of Crash (Code up to 3) - Item 1	CP016_PSYCHOLOGICALCONCERN1
16 (cont.)	Physical Status At The Time Of Crash (Code up to 3) - Item 2	CP016_PSYCHOLOGICALCONCERN2
16 (cont.)	Physical Status At The Time Of Crash (Code up to 3) - Item 3	CP016_PSYCHOLOGICALCONCERN3
16 (cont.)	Physical Status At The Time Of Crash - Text	CP016_PSYCHOLOGICALCONCERNTXT
17	Sleep In Hours 24 Hours Prior To The Crash	CP017_AMTSLEEPLAST24HRS
17 (cont.)	Sleep In Hours 24 Hours Prior To The Crash - Text	CP017_AMTSLEEPLAST24HRSTXT
18	Alcohol Or Any Drugs Or Medications Consumption 24 Hours Prior To The Crash	CP018_DRUGSLAST24HRS
18 (cont.)	Alcohol Or Any Drugs Or Medications Consumption 24 Hours Prior To The Crash - Text	CP018_DRUGSLAST24HRSTXT
19	Type Of Drugs Other Than Alcohol	CP019_NONALCOHOLICDRUGTYPE
19 (cont.)	Type Of Drugs Other Than Alcohol - Text	CP019_NONALCOHOLICDRUGTYPETXT
20	Source Of The Drugs Other Than Alcohol (Code up to 3) - Item 1	CP020_NONALCOHOLICDRUGSOURCE1
20 (cont.)	Source Of The Drugs Other Than Alcohol (Code up to 3) - Item 2	CP020_NONALCOHOLICDRUGSOURCE2
20 (cont.)	Source Of The Drugs Other Than Alcohol (Code up to 3) - Item 3	CP020_NONALCOHOLICDRUGSOURCE3
20 (cont.)	Source Of The Drugs Other Than Alcohol - Text	CP020_NONALCOHOLICDRUGSOURCETXT
21	How Long Have You Been Riding as a Passenger on This Motorcycle? (Years)	CP021_MCPEXPERIENCETHISMCYR
21 (cont.)	How Long Have You Been Riding as a Passenger on This Motorcycle? - (Months)	CP021_MCPEXPERIENCETHISMCMO
22	How Long Have You Been Riding As A Passenger In Any Kind Of Motor Vehicle (Years)	CP022_VEHICLEPASNGREXPERIENCEYR
22 (cont.)	How Long Have You Been Riding As A Passenger In Any Kind Of Motor Vehicle - (Months)	CP022_VEHICLEPASNGREXPERIENCEMO
23	How Long Have You Ridden As A Passenger On Any Street Motorcycle (Years)	CP023_MCPEXPERIENCEONSTREETMCYR
23 (cont.)	How Long Have You Ridden As A Passenger On Any Street Motorcycle - (Months)	CP023_MCPEXPERIENCEONSTREETMCMO
24	What is The Average Number Of Days Per Year You Ride As A Passenger On Motorcycles	CP024_DAYSPERYEARASMCP
25	What Kind Of Motorcycle Training Have You Had	CP025_TYPEOFMCTRAINING
25 (cont.)	What Kind Of Motorcycle Training Have You Had - Text	CP025_TYPEOFMCTRAININGTXT
26	When You Travel as a Passenger, What is the Percentage of Time You Ride as a Passenger in Another Type of Vehicle	CP026_WHENPSNGRPERCENTINOV
26 (cont.)	When You Travel as a Passenger, What is the Percentage of Time You Ride on a Motorcycle Versus Riding as a Passenger in Another Type of Vehicle	CP026_WHENPSNGRPERCENTONMC
27	When You Ride A Motorcycle As A Passenger, What Is The Percentage Of Time It Is For Recreation	CP027_PERCENTMCPFORRECREATION
27 (cont.)	When You Ride A Motorcycle As A Passenger, What Is The Percentage Of Time It Is For Transportation	CP027_PERCENTMCPFORTRANSPORT
28	How Much Experience Do You Have Riding As A Passenger On Motorcycles	CP028_EXPERIENCEASMCP
28 (cont.)	How Much Experience Do You Have Riding As A Passenger On Motorcycles - Text	CP028_EXPERIENCEASMCPTXT
29	How Many Motorcycle Moving Traffic Crashes Have You Had As A Passenger In The Past 5 Years	CP029_CRASHESWHENMCPINLAST5YRS
30	How Many Car Or Truck Traffic Crashes Have You Had As A Passenger In The Past 5 Years	CP030_CRASHESWHENOVPINLAST5YRS
31	What Kind Of Clothing Was On Your Upper Body	CP031_UPPERBODYCLOTHING

Variable		
Number	Variable	SAS® and Excel TM Name
31 (cont.)	What Kind Of Clothing Was On Your Upper Body -	CP031_UPPERBODYCLOTHINGTXT
22	Text	CD022 WEADINGMOADDADELTODGO
32 32 (cont.)	Was This Upper Body Clothing Motorcycle-Oriented Was This Upper Body Clothing Motorcycle-Oriented -	CP032_WEARINGMCAPPARELTORSO CP032_WEARINGMCAPPARELTORSOTXT
32 (cont.)	Text	CF032_WEARINGWICAFFARELTORSOTAT
33	What Kind Of Clothing Was On Your Lower Body	CP033_LOWERBODYCLOTHING
33 (cont.)	What Kind Of Clothing Was On Your Lower Body -	CP033_LOWERBODYCLOTHINGTXT
34	Text Was This Lower Body Clothing Motorcycle-Oriented	CP034_MCAPPARELWAISTDOWN
34 (cont.)	Was This Lower Body Clothing Motorcycle-Oriented -	CP034_MCAPPARELWAISTDOWN CP034_MCAPPARELWAISTDOWNTXT
34 (cont.)	Text	CI 034_MCAIT ARLL WAISTDOWNTAT
35	Were You Wearing An Inflatable Safety Vest	CP035_WEARINGINFLATABLEVEST
35 (cont.)	Were You Wearing An Inflatable Safety Vest - Text	CP035_WEARINGINFLATABLEVESTTXT
36	What Kind Of Shoes Or Boots Were You Wearing	CP036_KINDOFSHOESWORN
36 (cont.)	What Kind Of Shoes Or Boots Were You Wearing - Text	CP036_KINDOFSHOESWORNTXT
37	Did This Footwear Go Up Over Your Ankle	CP037_OVERANKLEFOOTWEAR
37 (cont.)	Did This Footwear Go Up Over Your Ankle - Text	CP037_OVERANKLEFOOTWEARTXT
38	Was This Footwear Motorcycle-Oriented Or Not	CP038_MCORIENTEDFOOTWEAR
39	Type Of Gloves Used	CP039_TYPEOFGLOVESWORN
39 (cont.)	Type Of Gloves Used - Text	CP039_TYPEOFGLOVESWORNTXT
40	Were Gloves Motorcycle-Oriented Or Not	CP040_GLOVESMCORIENTED
40 (cont.)	Were Gloves Motorcycle-Oriented Or Not - Text	CP040_GLOVESMCORIENTEDTXT
41	Was Clothing Retroreflective Or Not (Code up to 3) - Item 1	CP041_CLOTHINGRETROFLECTIVE1
41 (cont.)	Was Clothing Retroreflective Or Not (Code up to 3) - Item 2	CP041_CLOTHINGRETROFLECTIVE2
41 (cont.)	Was Clothing Retroreflective Or Not (Code up to 3) - Item 3	CP041_CLOTHINGRETROFLECTIVE3
41 (cont.)	Was Clothing Retroreflective Or Not (Code up to 3) -	CP041_CLOTHINGRETROFLECTIVETXT
42	Text Clothing Color - Torso	CP042_CLOTHINGCOLORTORSO
42 (cont.)	Clothing Color - Torso - Text	CP042_CLOTHINGCOLORTORSOTXT
42 (cont.)	Clothing Color - Lower Body	CP042_CLOTHINGCOLORWAISTDOWN
42 (cont.)	Clothing Color - Lower Body - Text	CP042_CLOTHINGCOLORWAISTDOWNTXT
42 (cont.)	Clothing Color - Footwear	CP042_COLORFOOTWEAR
42 (cont.)	Clothing Color - Footwear - Text	CP042_COLORFOOTWEARTXT
42 (cont.)	Clothing Color - Gloves	CP042_COLORGLOVES
42 (cont.)	Clothing Color - Gloves - Text	CP042_COLORGLOVESTXT
43	Type Of Eyewear	CP043_TYPEOFEYEWEARINUSE
43 (cont.)	Type Of Eyewear - Text	CP043_TYPEOFEYEWEARINUSETXT
44	What Color Was The Eye Coverage Lens	CP044_COLOROFLENS
44 (cont.)	What Color Was The Eye Coverage Lens - Text	CP044_COLOROFLENSTXT
45	Age At The Time of The Crash	CP045_MCPYEARSOFAGE
46	State/Country Where Current Driver's License Issued	CP046_LICENSEISSUER
46 (cont.)	State/Country Where Current Driver's License Issued - Text	CP046_LICENSEISSUERTXT
47	Type Of Operator's License (Code up to 4) - Item 1	CP047 LICENSETYPE1
47 47 (cont.)	Type Of Operator's License (Code up to 4) - Item 1 Type Of Operator's License (Code up to 4) - Item 2	CP047_LICENSETYPE1 CP047_LICENSETYPE2
47 (cont.)	Type Of Operator's License (Code up to 4) - Item 2	CP047_LICENSETYPE2
47 (cont.) 47 (cont.)	Type Of Operator's License (Code up to 4) - Item 2 Type Of Operator's License (Code up to 4) - Item 3	CP047_LICENSETYPE2 CP047_LICENSETYPE3
47 (cont.) 47 (cont.) 47 (cont.)	Type Of Operator's License (Code up to 4) - Item 2 Type Of Operator's License (Code up to 4) - Item 3 Type Of Operator's License (Code up to 4) - Item 4	CP047_LICENSETYPE2 CP047_LICENSETYPE3 CP047_LICENSETYPE4
47 (cont.) 47 (cont.)	Type Of Operator's License (Code up to 4) - Item 2 Type Of Operator's License (Code up to 4) - Item 3 Type Of Operator's License (Code up to 4) - Item 4 Type Of Operator's License - Text	CP047_LICENSETYPE2 CP047_LICENSETYPE3 CP047_LICENSETYPE4 CP047_LICENSETYPETXT
47 (cont.) 47 (cont.) 47 (cont.) 47 (cont.) 48	Type Of Operator's License (Code up to 4) - Item 2 Type Of Operator's License (Code up to 4) - Item 3 Type Of Operator's License (Code up to 4) - Item 4 Type Of Operator's License - Text Year the License(s) Issued (Code up to 4) Item 1	CP047_LICENSETYPE2 CP047_LICENSETYPE3 CP047_LICENSETYPE4 CP047_LICENSETYPETXT CP048_YEARLICENSEISSUED1
47 (cont.) 47 (cont.) 47 (cont.) 47 (cont.) 48 48 (cont.)	Type Of Operator's License (Code up to 4) - Item 2 Type Of Operator's License (Code up to 4) - Item 3 Type Of Operator's License (Code up to 4) - Item 4 Type Of Operator's License - Text Year the License(s) Issued (Code up to 4) Item 1 Year the License(s) Issued (Code up to 4) Item 2	CP047_LICENSETYPE2 CP047_LICENSETYPE3 CP047_LICENSETYPE4 CP047_LICENSETYPETXT CP048_YEARLICENSEISSUED1 CP048_YEARLICENSEISSUED2
47 (cont.) 47 (cont.) 47 (cont.) 47 (cont.) 48 (cont.) 48 (cont.)	Type Of Operator's License (Code up to 4) - Item 2 Type Of Operator's License (Code up to 4) - Item 3 Type Of Operator's License (Code up to 4) - Item 4 Type Of Operator's License - Text Year the License(s) Issued (Code up to 4) Item 1 Year the License(s) Issued (Code up to 4) Item 2 Year the License(s) Issued (Code up to 4) Item 3	CP047_LICENSETYPE2 CP047_LICENSETYPE3 CP047_LICENSETYPE4 CP047_LICENSETYPETXT CP048_YEARLICENSEISSUED1 CP048_YEARLICENSEISSUED2 CP048_YEARLICENSEISSUED3
47 (cont.) 47 (cont.) 47 (cont.) 47 (cont.) 48 48 (cont.)	Type Of Operator's License (Code up to 4) - Item 2 Type Of Operator's License (Code up to 4) - Item 3 Type Of Operator's License (Code up to 4) - Item 4 Type Of Operator's License - Text Year the License(s) Issued (Code up to 4) Item 1 Year the License(s) Issued (Code up to 4) Item 2 Year the License(s) Issued (Code up to 4) Item 3 Year the License(s) Issued (Code up to 4) Item 4	CP047_LICENSETYPE2 CP047_LICENSETYPE3 CP047_LICENSETYPE4 CP047_LICENSETYPETXT CP048_YEARLICENSEISSUED1 CP048_YEARLICENSEISSUED2 CP048_YEARLICENSEISSUED3 CP048_YEARLICENSEISSUED4
47 (cont.) 47 (cont.) 47 (cont.) 47 (cont.) 48 (cont.) 48 (cont.) 48 (cont.) 49	Type Of Operator's License (Code up to 4) - Item 2 Type Of Operator's License (Code up to 4) - Item 3 Type Of Operator's License (Code up to 4) - Item 4 Type Of Operator's License - Text Year the License(s) Issued (Code up to 4) Item 1 Year the License(s) Issued (Code up to 4) Item 2 Year the License(s) Issued (Code up to 4) Item 3 Year the License(s) Issued (Code up to 4) Item 4 Riders Origin - Hispanic Or Latino	CP047_LICENSETYPE2 CP047_LICENSETYPE3 CP047_LICENSETYPE4 CP047_LICENSETYPETXT CP048_YEARLICENSEISSUED1 CP048_YEARLICENSEISSUED2 CP048_YEARLICENSEISSUED3 CP048_YEARLICENSEISSUED4 CP049_HISPANICORIGIN
47 (cont.) 47 (cont.) 47 (cont.) 47 (cont.) 48 (cont.) 48 (cont.) 48 (cont.) 49 (cont.)	Type Of Operator's License (Code up to 4) - Item 2 Type Of Operator's License (Code up to 4) - Item 3 Type Of Operator's License (Code up to 4) - Item 4 Type Of Operator's License - Text Year the License(s) Issued (Code up to 4) Item 1 Year the License(s) Issued (Code up to 4) Item 2 Year the License(s) Issued (Code up to 4) Item 3 Year the License(s) Issued (Code up to 4) Item 4 Riders Origin - Hispanic Or Latino Riders Origin - Hispanic Or Latino - Text	CP047_LICENSETYPE2 CP047_LICENSETYPE3 CP047_LICENSETYPE4 CP047_LICENSETYPE4 CP048_YEARLICENSEISSUED1 CP048_YEARLICENSEISSUED2 CP048_YEARLICENSEISSUED3 CP048_YEARLICENSEISSUED4 CP049_HISPANICORIGIN CP049_HISPANICORIGINTXT
47 (cont.) 47 (cont.) 47 (cont.) 47 (cont.) 48 (cont.) 48 (cont.) 48 (cont.) 49	Type Of Operator's License (Code up to 4) - Item 2 Type Of Operator's License (Code up to 4) - Item 3 Type Of Operator's License (Code up to 4) - Item 4 Type Of Operator's License - Text Year the License(s) Issued (Code up to 4) Item 1 Year the License(s) Issued (Code up to 4) Item 2 Year the License(s) Issued (Code up to 4) Item 3 Year the License(s) Issued (Code up to 4) Item 4 Riders Origin - Hispanic Or Latino	CP047_LICENSETYPE2 CP047_LICENSETYPE3 CP047_LICENSETYPE4 CP047_LICENSETYPETXT CP048_YEARLICENSEISSUED1 CP048_YEARLICENSEISSUED2 CP048_YEARLICENSEISSUED3 CP048_YEARLICENSEISSUED4 CP049_HISPANICORIGIN

Variable		
Number	Variable	SAS® and Excel TM Name
50 (cont.)	Race (Code up to 3) - Text	CP050_RACETXT
51	Riders Height in Feet	CP051_MCPHEIGHTFEET
51 (cont.)	Riders Height in Inches	CP051_MCPHEIGHTINCHES
52	Riders Weight In Pounds	CP052_MCPWEIGHT
53	Gender	CP053_GENDER
54	Level Of Formal Education	CP054_LEVELOFEDUCATION
54 (cont.)	Level Of Formal Education - Text	CP054_LEVELOFEDUCATIONTXT
55	Current Occupation	CP055_CURRENTOCCUPATION
55 (cont.)	Current Occupation - Text	CP055_CURRENTOCCUPATIONTXT
56	Marital Status	CP056_MARITALSTATUS
56 (cont.)	Marital Status - Text	CP056_MARITALSTATUSTXT
57	Number Of Children	CP057_NUMBEROFCHILDREN
57 (cont.)	Number Of Children - Text	CP057_NUMBEROFCHILDRENTXT
58	Blood Alcohol Concentration (BAC)	CP058_BLOODALCOHOL
58 (cont.)	Blood Alcohol Concentration (BAC) - Text	CP058_BLOODALCOHOLTXT
59	Source of BAC information	CP059_BACINFORMATIONSOURCE
59 (cont.)	Source of BAC information - Text	CP059_BACINFORMATIONSOURCETXT

Table 16. List of variables in the Motorcycle Mechanical Form.

Variable		
Number	Variable	SAS® and Excel TM Name
0	Case Number	MM000_CASEID
1	Manufacture	MM001_MANUFACTURE
1 (cont.)	Manufacture - Text	MM001_MANUFACTURETXT
2	Model - Text	MM002_MODELTXT
3	Year	MM003_YEAR
4	Motorcycle Legal Category	MM004_MCLEGALCATEGORY
4 (cont.)	Motorcycle Legal Category - Text	MM004_MCLEGALCATEGORYTXT
5	Motorcycle Type	MM005_MCTYPE
5 (cont.)	Motorcycle Type - Text	MM005_MCTYPETXT
6	Motorcycle Weight	MM006_MCWEIGHT
7	Vehicle Identification Number (VIN)	MM007_VIN
8	Odometer Reading in Miles	MM008_ODOMETERREADING
9	Registered Owner Category	MM009_OWNERCATEGORY
9 (cont.)	Registered Owner Category - Text	MM009_OWNERCATEGORYTXT
10	Predominant Color of Motorcycle	MM010_MCCOLOR
10 (cont.)	Predominant Color of Motorcycle - Text	MM010_MCCOLORTXT
11	Did the Motorcycle Have Any Retroreflective Parts, Material or Paint?	MM011_MCRETROFLECTIVE
11 (cont.)	Did the Motorcycle Have Any Retroreflective Parts, Material or Paint? - Text	MM011_MCRETROFLECTIVETXT
12	Motor Displacement	MM012_MCMOTORDISPLACEMENT
13	Number of Cylinders	MM013_MCNUMBCYLINDER
14	Symptom of Problem	MM014_MECHPROBLEMSYMPTOMS
14 (cont.)	Symptom of Problem - Text	MM014_MECHPROBLEMSYMPTOMSTXT
15	Source of Problem	MM015_MECHPROBLEMSOURCE
15 (cont.)	Source of Problem - Text	MM015_MECHPROBLEMSOURCETXT
16	Tire Size Measurement Units	MM016_TIREMEASUREMENTUNIT
17	Front Tire Measurement	MM017_FRONTTIREMEASUREMENT
18	Rear Tire Measurement	MM018_REARTIREMEASUREMENT
19	Front Tire Manufacturer	MM019_FRONTTIREMANUFACTURER
19 (cont.)	Tire Manufacturer - Text	MM019_FRONTTIREMANUFACTURERTXT
19 (cont.)	Rear Tire Manufacturer	MM019_REARTIREMANUFACTURER
19 (cont.)	Rear Tire Manufacturer - Text	MM019_REARTIREMANUFACTURERTXT
20	Rim Size Front - Diameter	MM020_FRONTRIMDIAMETER
20 (cont.)	Rim Size Front - Width	MM020_FRONTRIMWIDTH
21	Rim Size Rear - Diameter	MM021_REARRIMDIAMETER
21 (cont.)	Rim Size Rear - Width	MM021_REARRIMWIDTH
22	Front Rim Manufacturer	MM022_FRONTRIMMANUFACTURER
22 (cont.)	Front Rim Manufacturer - Text	MM022_FRONTRIMMANUFACTURERTXT
22 (cont.)	Rear Rim Manufacturer	MM022_REARRIMMANUFACTURER
22 (cont.)	Rear Rim - Text	MM022_REARRIMMANUFACTURERTXT
23	Front Tire Tread Type	MM023_FRONTTREADTYPE
23 (cont.)	Front Tire Tread Type - Text	MM023_FRONTTREADTYPETXT
23 (cont.)	Rear Tire Tread Type	MM023_REARTREADTYPE
23 (cont.)	Rear Tire Tread Type - Text	MM023_REARTREADTYPETXT
24	Measured Tread Depth - Front	MM024_FRONTTREADDEPTH
24 (cont.)	Measured Tread Depth - Rear	MM024_REARTREADDEPTH
25	Inflation Pressure Code in PSI - Front	MM025_FRONTTIREPSI
25 (cont.)	Inflation Pressure Code in PSI - Rear	MM025_REARTIREPSI
26	Braking Evidence on Front Tire	MM026_FTIREBRAKINGEVIDENCE
26 (cont.)	Braking Evidence on Front Tire - Text	MM026_FTIREBRAKINGEVIDENCETXT
26 (cont.)	Braking Evidence on Rear Tire	MM026_RTIREBRAKINGEVIDENCE
26 (cont.)	Braking Evidence on Rear Tire - Text	MM026_RTIREBRAKINGEVIDENCETXT
27	Suspension Type Front	MM027_FRONTSUSPENSIONTYPE
27 (cont.)	Suspension Type Front - Text	MM027_FRONTSUSPENSIONTYPETXT
28	Suspension Type Rear	MM028_REARSUSPENSIONTYPE
28 (cont.)	Suspension Type Rear - Text	MM028_REARSUSPENSIONTYPETXT
29	Front Suspension Condition	MM029_FRONTSUSPENSIONCONDITION

Variable		
Number	Variable	SAS® and Excel TM Name
29 (cont.)	Front Suspension Condition - Text	MM029_FSUSPENSIONCONDITIONTXT
29 (cont.)	Rear Suspension Condition	MM029_REARSUSPENSIONCONDITION
29 (cont.)	Rear Suspension Condition - Text	MM029_RSUSPENSIONCONDITIONTXT
30	Rider Brake Control Type - Lever/Pedal 1	MM030_BRAKECONTROLTYPE1
30 (cont.)	Rider Brake Control Type - Lever/Pedal 2	MM030_BRAKECONTROLTYPE2
30 (cont.)	Rider Brake Control Type - Lever/Pedal 1 - Text	MM030_BRAKECONTROLTYPE1TXT
30 (cont.)	Rider Brake Control Type - Lever/Pedal 2 - Text	MM030_BRAKECONTROLTYPE2TXT
31	Rider Brake Control Side - Lever/Pedal 1	MM031_BRAKECONTROLSIDE1
31 (cont.)	Rider Brake Control Side - Lever/Pedal 1 - Text	MM031_BRAKECONTROLSIDE1TXT
31 (cont.)	Rider Brake Control Side - Lever/Pedal 2	MM031_BRAKECONTROLSIDE2
31 (cont.)	Rider Brake Control Side - Lever/Pedal 2 - Text	MM031_BRAKECONTROLSIDE2TXT
32	Brake Actuation at Lever or Pedal 1	MM032_BRAKEACTUATION1
32 (cont.)	Brake Actuation at Lever or Pedal 1 - Text	MM032_BRAKEACTUATION1TXT
32 (cont.)	Brake Actuation at Lever or Pedal 2	MM032_BRAKEACTUATION2
32 (cont.)	Brake Actuation at Lever or Pedal 2 - Text	MM032_BRAKEACTUATION2TXT
33	Brake Control System Type - Lever/Pedal 1	MM033_BRAKECONTROLSYSTYPE1
33 (cont.)	Brake Control System Type - Lever/Pedal 2	MM033_BRAKECONTROLSYSTYPE2
34	Connection to Front Brake Includes Valve Type - Level/Pedal 1	MM034_FBRAKECONNECTINCLUDES1
34 (cont.)	Connection to Front Brake Includes Valve Type -	MM034 FBRAKECONNECTINCLUDES2
54 (COIII.)	Level/Pedal 2	MIMIOS4_F DIVARECUMNECT INCLUDES2
35	Connection to Rear Brake Includes Valve Type -	MM035_RBRAKECONNECTINCLUDES1
33	Lever/Pedal 1	WWW.055_RBRAIRECONTRECTIVEEOEEST
35 (cont.)	Connection to Rear Brake Includes Valve Type -	MM035_RBRAKECONNECTINCLUDES2
33 (cont.)	Lever/Pedal 2	MM000_RBR MECONTECTIVEDEBESE
36	Front ABS	MM036_FRONTBRAKEABS
36 (cont.)	Rear ABS	MM036_REARBRAKEABS
37	Front ABS Type	MM037_FRONTABSTYPE
37 (cont.)	Front ABS Type - Text	MM037_FRONTABSTYPETXT
37 (cont.)	Rear ABS Type	MM037_REARABSTYPE
37 (cont.)	Rear ABS Type - Text	MM037_REARABSTYPETXT
38	Front Brake Mechanism	MM038_FRONTBRAKEMECHANISM
38 (cont.)	Front Brake Mechanism - Text	MM038_FRONTBRAKEMECHANISMTXT
38 (cont.)	Rear Brake Mechanism	MM038_REARBRAKEMECHANISM
38 (cont.)	Rear Brake Mechanism - Text	MM038_REARBRAKEMECHANISMTXT
39	Front Brake Mechanism Actuation	MM039_FRONTBRAKEACTUATION
39 (cont.)	Front Brake Mechanism Actuation - Text	MM039_FRONTBRAKEACTUATIONTXT
39 (cont.)	Rear Brake Mechanism Actuation	MM039_REARBRAKEACTUATION
39 (cont.)	Rear Brake Mechanism Actuation - Text	MM039_REARBRAKEACTUATIONTXT
40	Were Rear Brakes Operational Before Crash	MM040_FRONTBRAKEOPERATIONAL
40 (cont.)	Were Front Brakes Operational Before Crash	MM040_REARBRAKEOPERATIONAL
41 (cont.)	Do the Front Brakes Appear to be Defective	MM041_FRONTBRAKESDEFECTIVE
41 (cont.) 42	Do the Rear Brakes Appear to be Defective Front Brakes Condition/Wear	MM041_REARBRAKESDEFECTIVE MM042_FRONTBRAKESWEARCOND
42 (cont.)	Front Brakes Condition/Wear - Text	
42 (cont.) 42 (cont.)	Rear Brakes Condition/Wear	MM042_FRONTBRAKESWEARCONDTXT MM042_REARBRAKESWEARCOND
42 (cont.) 42 (cont.)	Rear Brakes Condition/Wear - Text	MM042_REARBRAKESWEARCONDTXT
42 (Cont.)	Front Brake Adjustment	MM043_FRONTBRAKEADJUSTMENT
43 (cont.)	Front Brake Adjustment Text	MM043_FRONTBRAKEADJUSTMENTTXT
43 (cont.)	Rear Brake Adjustment	MM043_REARBRAKEADJUSTMENT
43 (cont.)	Rear Brake Adjustment Text	MM043_REARBRAKEADJUSTMENTTXT
44	Frame Type/Configuration	MM044_FRAMETYPE
44 (cont.)	Frame Type/Configuration - Text	MM044_FRAMETYPETXT
45	Frame Material	MM045_FRAMEMATERIAL
45 (cont.)	Frame Material - Text	MM045_FRAMEMATERIALTXT
46	Reduction in Wheelbase	MM046_WHEELBASEREDUCTION
47	Did Front Wheel Displace Against Either the Motor or the	MM047_FWHEELDISPLACEDWRTFRAME
	Frame	
48	Steering Stem Adjustment	MM048_STEERINGSTEMADJUSTMENT
48 (cont.)	Steering Stem Adjustment - Text	MM048_STEERINGSTEMADJUSTMENTTXT

Variable		
Number	Variable	SAS® and Excel TM Name
49	Steering Damper Installed	MM049_STEERINGDAMPERINSTALL
49 (cont.)	Steering Damper Installed - Text	MM049_STEERINGDAMPERINSTALLTXT
50	Is Rear Swing Arm Loose?	MM050_REARSWINGARMRIGIDITY
51	Is the Motorcycle Equipped with Pedals?	MM051_MCPEDALSEQUIPPED
52	Rider Foot Pegs, Footrest Type	MM052_MCRFOOTPEGSTYPE
52 (cont.)	Rider Foot Pegs, Footrest Type - Text	MM052_MCRFOOTPEGSTYPETXT
53	Passenger Foot Pegs, Footrest Type	MM053_MCPPEGSTYPE
53 (cont.)	Passenger Foot Pegs, Footrest Type - Text	MM053_MCPPEGSTYPETXT
54	Side Stand Type	MM054_SIDESTANDTYPE
54 (cont.)	Side Stand Type - Text	MM054_SIDESTANDTYPETXT
55	Center Stand Type	MM055_CENTERSTANDTYPE
55 (cont.)	Center Stand Type - Text	MM055_CENTERSTANDTYPETXT
56	Headlamp Assembly Type	MM056_HEADLAMPASSYTYPE
56 (cont.)	Headlamp Assembly Type - Text	MM056_HEADLAMPASSYTYPETXT
57	Was Headlamp Illuminated at the Time of Crash?	MM057_HEADLAMPLITATCRASH
57 (cont.)	Was Headlamp Illuminated at the Time of Crash? - Text	MM057_HEADLAMPLITATCRASHTXT
58	Was Motorcycle Equipped With as Airbag?	MM058_AIRBAGEQUIPPED
59	Is Motorcycle Equipped With or Pulling Any of the Following	MM059_MCPULLINGATTACHMENT
59 (cont.)	Is Motorcycle Equipped With or Pulling Any of the Following - Text	MM059_MCPULLINGATTACHMENTTXT
60	Handlebar Type	MM060_HANDLEBARTYPE
60 (cont.)	Handlebar Type - Text	MM060_HANDLEBARTYPETXT
61	Handlebar Mounting	MM061_HANDLEBARMOUNTING
61 (cont.)	Handlebar Mounting - Text	MM061_HANDLEBARMOUNTINGTXT
62	Handlebar Construction	MM062_HANDLEBARMATERIAL
62 (cont.)	Handlebar Construction - Text	MM062_HANDLEBARMATERIALTXT
63	Handlebar Measurement - Rise	MM063_HANDLEBARRISE
63 (cont.)	Handlebar Measurement - Sweep	MM063_HANDLEBARSWEEP
63 (cont.)	Handlebar Measurement - Width	MM063_HANDLEBARWIDTH
64	Seat Type	MM064_SEATTYPE
64 (cont.)	Seat Type - Text	MM064_SEATTYPETXT
65	Seat Fastening Seat Fastening - Text	MM065_SEATFASTENING
65 (cont.) 66	Fuel Tank Type	MM065_SEATFASTENINGTXT MM066_FUELTANKTYPE
66 (cont.)	Fuel Tank Type - Text	MM066_FUELTANKTYPETXT
67	Fuel Tank Material	MM000_FOELTANKTTTETAT MM067_FUELTANKMATERIAL
67 (cont.)	Fuel Tank Material - Text	MM067 FUELTANKMATERIALTXT
68	Fuel Tank Cap Type	MM068_FUELTANKCAPTYPE
68 (cont.)	Fuel Tank Cap Type - Text	MM068_FUELTANKCAPTYPETXT
69	Cap Retention	MM069_CAPRETENTION
69 (cont.)	Cap Retention - Text	MM069_CAPRETENTIONTXT
70	Tank Retention	MM070_TANKRETENTION
71	Tank Deformation	MM071_TANKDEFORMATION
72	Deformation source	MM072_TANKDEFORMATIONSOURCE
72 (cont.)	Deformation source - Text	MM072_TANKDEFORMATIONSOURCETXT
73	Was There a Fuel Tank Failure?	MM073_FUELTANKFAILURE
74	Tank Damage/Failure Type (Code up to 4) - Item 1	MM074_TANKDAMAGEAILUREFTYPE1
74 (cont.)	Tank Damage/Failure Type (Code up to 4) - Item 2	MM074_TANKDAMAGEAILUREFTYPE2
74 (cont.)	Tank Damage/Failure Type (Code up to 4) - Item 3	MM074_TANKDAMAGEAILUREFTYPE3
74 (cont.)	Tank Damage/Failure Type (Code up to 4) - Item 4	MM074_TANKDAMAGEAILUREFTYPE4
74 (cont.)	Tank Damage/Failure Type - Text	MM074_TANKDAMAGEFAILURETYPETXT
75	Was There a Fuel Spill or Leak?	MM075_FUELLEAK
75 (cont.)	Was There a Fuel Spill or Leak? - Text	MM075_FUELLEAKTXT
76	Source of Fuel Spills or Leaks (Code up to 5) - Item 1	MM076_FUELLEAKSOURCE1
76 (cont.)	Source of Fuel Spills or Leaks (Code up to 5) - Item 2	MM076_FUELLEAKSOURCE2
76 (cont.)	Source of Fuel Spills or Leaks (Code up to 5) - Item 3	MM076_FUELLEAKSOURCE3
76 (cont.)	Source of Fuel Spills or Leaks (Code up to 5) - Item 4	MM076_FUELLEAKSOURCE4
76 (cont.)	Source of Fuel Spills or Leaks (Code up to 5) - Item 5	MM076_FUELLEAKSOURCE5

Variable Number	Variable	SAS® and Excel TM Name
76 (cont.)	Source of Fuel Spills or Leaks - Text	MM076_FUELLEAKSOURCETXT
70 (cont.) 77	Did a Fire Occur?	MM077_FIREOCCURENCE
78	When Did a Fire Occur?	MM078_WHENFIREOCCURRED
78 (cont.)	When Did a Fire Occur? - Text	MM078_WHENFIREOCCURREDTXT
79 (cont.)	The Fire Occurred How Long After a Crash?	MM079_FIRETIMEPOSTCRASH
79 (cont.)	The Fire Occurred How Long After a Crash? - Text	MM079_FIRETIMEPOSTCRASHTXT
80	Fuel Source for Fire	MM080_FIREFUELSOURCE
80 (cont.)	Fuel Source for Fire - Text	MM080_FIREFUELSOURCETXT
81	Ignition Source of Fire	MM081_FIREIGNITIONSOURCE
81 (cont.)	Ignition Source of Fire - Text	MM081_FIREIGNITIONSOURCETXT
82	Drive Line Type	MM082_DRIVELINETYPE
82 (cont.)	Drive Line Type - Text	MM082_DRIVELINETYPETXT
83	Drive Chain, Belt, or Shaft Condition	MM083_DRIVELINECONDITION
83 (cont.)	Drive Chain, Belt, or Shaft Condition - Text	MM083_DRIVELINECONDITIONTXT
84	When Did This Drive Line Damage Occur?	MM084_TIMEDRIVELINEDAMAGEOCCUR
85	Drive Sprocket Condition	MM085_DRIVESPROCKETCOND
85 (cont.)	Drive Sprocket Condition - Text	MM085_DRIVESPROCKETCONDTXT
86	Does Throttle Control Work?	MM086_THROTTLECNTRLWORKING
87	Drum Condition	MM087_DRUMCONDITION
87 (cont.)	Drum Condition - Text	MM087_DRUMCONDITIONTXT
88	Condition of Cables	MM088_CABLECONDITION
88 (cont.)	Condition of Cables - Text	MM088_CABLECONDITIONTXT
89	Condition of Throttle Plate/Slides	MM089_THROTTLEPLATECOND
89 (cont.)	Condition of Throttle Plate/Slides - Text	MM089_THROTTLEPLATECONDTXT
90	Return springs condition	MM090_RETURNSPRINGCONDITION
90 (cont.)	Return springs condition - Text	MM090_RETURNSPRINGCONDITIONTXT
91	Condition of Exhaust	MM091_EXHAUSTCONDITION
91 (cont.)	Condition of Exhaust - Text	MM091_EXHAUSTCONDITIONTXT
92	Front crash bars - Aftermarket	MM092_FRONTCRASHBARS_AFTMKT
92 (cont.)	Front crash bars - Damaged in Crash	MM092_FRONTCRASHBARS_DMG
92 (cont.)	Front crash bars - Equipped	MM092_FRONTCRASHBARS_EQUIP
92 (cont.)	Front crash bars - Modified	MM092_FRONTCRASHBARS_MOD
92 (cont.)	Front crash bars - Operational	MM092_FRONTCRASHBARS_OPER
92 (cont.)	Front crash bars - Original Equipment	MM092_FRONTCRASHBARS_ORIG
93	Rear crash bars - Aftermarket	MM093_REARCRASHBARS_AFTMKT
93 (cont.)	Rear crash bars - Damaged in Crash	MM093_REARCRASHBARS_DMG
93 (cont.) 93 (cont.)	Rear crash bars - Equipped	MM093_REARCRASHBARS_EQUIP
93 (cont.)	Rear crash bars - Modified	MM093_REARCRASHBARS_MOD
93 (cont.)	Rear crash bars - Operational Rear crash bars - Original Equipment	MM093_REARCRASHBARS_OPER
93 (сопс.)	Engine guard - Aftermarket	MM093_REARCRASHBARS_ORIG MM094_ENGINEGUARD_AFTMKT
94 (cont.)	Engine guard - Artermarket Engine guard - Damaged in Crash	MM094_ENGINEGUARD_DMG
94 (cont.)	Engine guard - Daniaged in Crash Engine guard - Equipped	MM094_ENGINEGUARD_DMG MM094_ENGINEGUARD_EQUIP
94 (cont.)	Engine guard - Equipped Engine guard - Modified	MM094_ENGINEGUARD_MOD
94 (cont.)	Engine guard - Woodned Engine guard - Operational	MM094_ENGINEGUARD_OPER
94 (cont.)	Engine guard - Original Equipment	MM094_ENGINEGUARD_ORIG
95	Windscreen - Aftermarket	MM095_WINDSHIELD_AFTMKT
95 (cont.)	Windscreen - Damaged in Crash	MM095_WINDSHIELD_DMG
95 (cont.)	Windscreen - Equipped	MM095_WINDSHIELD_EQUIP
95 (cont.)	Windscreen - Modified	MM095_WINDSHIELD_MOD
95 (cont.)	Windscreen - Operational	MM095_WINDSHIELD_OPER
95 (cont.)	Windscreen - Original Equipment	MM095_WINDSHIELD_ORIG
96	Fairing, handlebar or steering mounted - Aftermarket	MM096_FAIRING_AFTMKT
96 (cont.)	Fairing, handlebar or steering mounted - Damaged in Crash	MM096_FAIRING_DMG
96 (cont.)	Fairing, handlebar or steering mounted - Equipped	MM096_FAIRING_EQUIP
96 (cont.)	Fairing, handlebar or steering mounted - Modified	MM096_FAIRING_MOD
96 (cont.)	Fairing, handlebar or steering mounted - Operational	MM096_FAIRING_OPER
96 (cont.)	Fairing, handlebar or steering mounted - Original	MM096_FAIRING_ORIG
	Equipment	

Variable		
Number	Variable	SAS® and Excel TM Name
97	Fairing, frame mounted - Aftermarket	MM097_FAIRINGMOUNT_AFTMKT
97 (cont.)	Fairing, frame mounted - Damaged in Crash	MM097_FAIRINGMOUNT_DMG
97 (cont.)	Fairing, frame mounted - Equipped	MM097_FAIRINGMOUNT_EQUIP
97 (cont.)	Fairing, frame mounted - Modified	MM097_FAIRINGMOUNT_MOD
97 (cont.)	Fairing, frame mounted - Operational	MM097_FAIRINGMOUNT_OPER
97 (cont.)	Fairing, frame mounted - Original Equipment	MM097_FAIRINGMOUNT_ORIG
97 (cont.)	Headlamps - Aftermarket	MM097_HEADLAMPS_AFTMKT
97 (cont.)	Headlamps - Equipped	MM097_HEADLAMPS_EQUIP
97 (cont.)	Headlamps - Original Equipment	MM097_HEADLAMPS_ORIG
98	Headlamp nacelle - Aftermarket	MM098_HEADLAMPNACELLE_AFTMKT
98 (cont.)	Headlamp nacelle - Equipped	MM098_HEADLAMPNACELLE_EQUIP
98 (cont.)	Headlamp nacelle - Original Equipment	MM098_HEADLAMPNACELLE_ORIG
98 (cont.)	Headlamps - Damaged in Crash	MM098_HEADLAMPS_DMG
98 (cont.)	Headlamps - Modified	MM098_HEADLAMPS_MOD
98 (cont.)	Headlamps - Operational	MM098_HEADLAMPS_OPER
99	Auxiliary headlamp - Aftermarket	MM099_AUXHEADLAMP_AFTMKT
99 (cont.)	Auxiliary headlamp - Equipped	MM099_AUXHEADLAMP_EQUIP
99 (cont.)	Auxiliary headlamp - Original Equipment	MM099_AUXHEADLAMP_ORIG
99 (cont.)	Headlamp nacelle - Damaged in Crash	MM099_HEADLAMPNACELLE_DMG
99 (cont.)	Headlamp nacelle - Modified	MM099_HEADLAMPNACELLE_MOD
99 (cont.)	Headlamp nacelle - Operational	MM099_HEADLAMPNACELLE_OPER
100	Auxiliary headlamp - Damaged in Crash	MM100_AUXHEADLAMP_DMG
100 (cont.)	Auxiliary headlamp - Modified	MM100_AUXHEADLAMP_MOD
100 (cont.)	Auxiliary headlamp - Operational	MM100_ACATILADLAMI _WOD MM100_AUXHEADLAMP_OPER
100 (cont.)	Front position lamp - Aftermarket	MM100_ACATILABLAMI _OF ER MM100_FRONTPOSITIONLAMP_AFTMKT
100 (cont.)	Front position lamp - Attermarket Front position lamp - Equipped	MM100_FRONTPOSITIONLAMP_EQUIP
100 (cont.)	Front position lamp - Original Equipment	MM100_FRONTPOSITIONLAMP_ORIG
100 (cont.)	Front position lamp - Original Equipment Front position lamp - Damaged in Crash	MM101_FRONTPOSITIONLAMP_DMG
101 (cont.)	Front position lamp - Modified	MM101_FRONTPOSITIONLAMP_MOD
101 (cont.)	Front position lamp - Operational	MM101_FRONTPOSITIONLAMP_OPER
101 (cont.)	Front reflector, yellow - Aftermarket	MM101_FRONTREFLECTORYEL_AFTMKT
101 (cont.)	Front reflector, yellow - Damaged in Crash	MM101_FRONTREFLECTORYEL_DMG
101 (cont.)	Front reflector, yellow - Equipped	MM101_FRONTREFLECTORYEL_EQUIP
101 (cont.)	Front reflector, yellow - Modified	MM101_FRONTREFLECTORYEL_MOD
101 (cont.)	Front reflector, yellow - Operational	MM101_FRONTREFLECTORYEL_MOD
101 (cont.)	Front reflector, yellow - Original Equipment	MM101_FRONTREFLECTORYEL_ORIG
102	Front reflector, white - Aftermarket	MM102_FRONTREFLECTORWHT_AFTMKT
102 (cont.)	Front reflector, white - Damaged in Crash	MM102_FRONTREFLECTORWHT_DMG
102 (cont.)	Front reflector, white - Modified	MM102_FRONTREFLECTORWHT_MOD
102 (cont.)	Front reflector, white - Operational	MM102_FRONTREFLECTORWHT_MOD MM102_FRONTREFLECTORWHT_OPER
102 (cont.)	Front reflector, white - Equipped	MM102_FRONTREFLECTORWHT_EQUIP
102 (cont.)	Front reflector, white - Original Equipment	MM102_FRONTREFLECTORWHT_EQUIL MM102_FRONTREFLECTORWHT_ORIG
102 (cont.)	Front reflector, red - Aftermarket	MM103_FRONTREFLECTORRED_AFTMKT
103 (cont.)	Front reflector, red - Damaged in Crash	MM103_FRONTREFLFECTORRED_DMG
103 (cont.)	Front reflector, red - Damaged in Crash Front reflector, red - Equipped	MM103_FRONTREFLFECTORRED_EQUIP
103 (cont.)	Front reflector, red - Equipped Front reflector, red - Modified	MM103_FRONTREFLFECTORRED_MOD
103 (cont.)	Front reflector, red - Modified Front reflector, red - Operational	MM103_FRONTREFLFECTORRED_MOD MM103_FRONTREFLFECTORRED_OPER
103 (cont.)	Front reflector, red - Original Equipment	MM103_FRONTREFLFECTORRED_OPER MM103_FRONTREFLFECTORRED_ORIG
103 (cont.)	Front reflector, red - Original Equipment Front reflector, silver - Aftermarket	MM103_FRONTREFLECTORSIL_AFTMKT
104 (cont.)	Front reflector, silver - Attermarket Front reflector, silver - Damaged in Crash	MM104_FRONTREFLECTORSIL_AFTMK1 MM104_FRONTREFLECTORSIL_DMG
104 (cont.)	Front reflector, silver - Equipped	MM104_FRONTREFLECTORSIL_EQUIP
104 (cont.)	Front reflector, silver - Modified	MM104_FRONTREFLECTORSIL_MOD
104 (cont.)	Front reflector, silver - Operational	MM104_FRONTREFLECTORSIL_OPER
104 (cont.)	Front reflector, silver - Original Equipment	MM104_FRONTREFLECTORSIL_ORIG
	Front turn signals - Aftermarket	MM105_FRONTTURNSIGNALS_AFTMKT
105		
105 (cont.)	Front turn signals - Damaged in Crash	MM105_FRONTTURNSIGNALS_DMG
105 (cont.) 105 (cont.)	Front turn signals - Equipped	MM105_FRONTTURNSIGNALS_EQUIP
105 (cont.)		

Variable		
Number	Variable	SAS® and Excel TM Name
105 (cont.)	Front turn signals - Original Equipment	MM105_FRONTTURNSIGNALS_ORIG
105 (cont.)	Speedometer - Aftermarket	MM105_SPEEDOMETER_AFTMKT
105 (cont.)	Speedometer - Equipped	MM105_SPEEDOMETER_EQUIP
105 (cont.)	Speedometer - Original Equipment	MM105_SPEEDOMETER_ORIG
106	Speedometer - Damaged in Crash	MM106_SPEEDOMETER_DMG
106 (cont.)	Speedometer - Modified	MM106_SPEEDOMETER_MOD
106 (cont.)	Speedometer - Operational	MM106_SPEEDOMETER_OPER
106 (cont.)	Tachometer - Aftermarket	MM106_TACHOMETER_AFTMKT
106 (cont.)	Tachometer - Equipped	MM106_TACHOMETER_EQUIP
106 (cont.)	Tachometer - Original Equipment	MM106_TACHOMETER_ORIG
107	Handlebars - Aftermarket	MM107_HANDLEBARS_AFTMKT
107 (cont.)	Handlebars - Equipped	MM107_HANDLEBARS_EQUIP
107 (cont.)	Handlebars - Original Equipment	MM107_HANDLEBARS_ORIG
107 (cont.)	Tachometer - Damaged in Crash	MM107_TACHOMETER_DMG
107 (cont.)	Tachometer - Modified	MM107_TACHOMETER_MOD
107 (cont.)	Tachometer - Operational	MM107_TACHOMETER_OPER
108	Handlebars - Damaged in Crash	MM108_HANDLEBARS_DMG
108 (cont.)	Handlebars - Modified	MM108_HANDLEBARS_MOD
108 (cont.) 108 (cont.)	Handlebars - Operational Throttle - Aftermarket	MM108_HANDLEBARS_OPER MM108_THROTTLE_AFTMKT
108 (cont.) 108 (cont.)	Throttle - Attermarket Throttle - Equipped	MM108_THROTTLE_AFTMK1 MM108_THROTTLE_EQUIP
108 (cont.)	Throttle - Equipped Throttle - Original Equipment	MM108_THROTTLE_EQUIP MM108_THROTTLE_ORIG
108 (cont.)	Clutch lever - Aftermarket	MM109_CLUTCHLEVER_AFTMKT
109 (cont.)	Clutch lever - Damaged in Crash	MM109_CLUTCHLEVER_AFTMKT MM109_CLUTCHLEVER_DMG
109 (cont.)	Clutch lever - Equipped Clutch lever - Equipped	MM109_CLUTCHLEVER_EQUIP
109 (cont.)	Clutch lever - Modified	MM109_CLUTCHLEVER_MOD
109 (cont.)	Clutch lever - Operational	MM109_CLUTCHLEVER_OPER
109 (cont.)	Clutch lever - Original Equipment	MM109_CLUTCHLEVER_ORIG
109 (cont.)	Throttle - Damaged in Crash	MM109_THROTTLE_DMG
109 (cont.)	Throttle - Modified	MM109_THROTTLE_MOD
109 (cont.)	Throttle - Operational	MM109_THROTTLE_OPER
110	Brake lever - Aftermarket	MM110_BRAKELEVER_AFTMKT
110 (cont.)	Brake lever - Damaged in Crash	MM110_BRAKELEVER_DMG
110 (cont.)	Brake lever - Equipped	MM110_BRAKELEVER_EQUIP
110 (cont.)	Brake lever - Modified	MM110_BRAKELEVER_MOD
110 (cont.)	Brake lever - Operational	MM110_BRAKELEVER_OPER
110 (cont.)	Brake lever - Original Equipment	MM110_BRAKELEVER_ORIG
111	Right side rear view mirrors, posts - Aftermarket	MM111_RGTMIRRORPOST_AFTMKT
111 (cont.)	Right side rear view mirrors, posts - Damaged in Crash	MM111_RGTMIRRORPOST_DMG
111 (cont.)	Right side rear view mirrors, posts - Equipped	MM111_RGTMIRRORPOST_EQUIP
111 (cont.)	Right side rear view mirrors, posts - Modified	MM111_RGTMIRRORPOST_MOD
111 (cont.)	Right side rear view mirrors, posts - Operational	MM111_RGTMIRRORPOST_OPER
111 (cont.)	Right side rear view mirrors, posts - Original	MM111_RGTMIRRORPOST_ORIG
112	Equipment Left side rear view mirrors, posts - Aftermarket	MM112 LETMIDDODDOST AETMET
112 (cont.)	Left side rear view mirrors, posts - Altermarket Left side rear view mirrors, posts - Damaged in Crash	MM112_LFTMIRRORPOST_AFTMKT MM112_LFTMIRRORPOST_DMG
112 (cont.)	Left side rear view mirrors, posts - Damaged in Crash Left side rear view mirrors, posts - Equipped	MM112_LFTMIRRORPOST_DMG MM112_LFTMIRRORPOST_EQUIP
112 (cont.)	Left side rear view mirrors, posts - Equipped Left side rear view mirrors, posts - Modified	MM112_LFTMIRRORPOST_EQUIP MM112_LFTMIRRORPOST_MOD
112 (cont.)	Left side rear view mirrors, posts - Modified Left side rear view mirrors, posts - Operational	MM112_LFTMIRRORPOST_OPER
112 (cont.)	Left side rear view mirrors, posts - Original Equipment	MM112_LFTMIRRORPOST_ORIG
113	Front suspension - Aftermarket	MM113_FRONTSUSPENSION_AFTMKT
113 (cont.)	Front suspension- Damaged in Crash	MM113_FRONTSUSPENSION_DMG
113 (cont.)	Front suspension - Equipped	MM113_FRONTSUSPENSION_EQUIP
113 (cont.)	Front suspension - Modified	MM113_FRONTSUSPENSION_MOD
113 (cont.)	Front suspension - Operational	MM113_FRONTSUSPENSION_OPER
113 (cont.)	Front suspension - Original Equipment	MM113_FRONTSUSPENSION_ORIG
113 (cont.)	Front tire/wheel - Aftermarket	MM113_FRONTWHEEL_AFTMKT
113 (cont.)	Front tire/wheel - Equipped	MM113_FRONTWHEEL_EQUIP
113 (cont.)	Front tire/wheel - Original Equipment	MM113_FRONTWHEEL_ORIG
114	Front fender - Aftermarket	MM114_FRONTFENDER_AFTMKT

Number Variable SAS® and Excel® Name Mil4 (cont.) Front fender - Equipped Mil4 (cont.) Front fender - Original Equipment Mil4 (cont.) Front tire/wheel - Damiged in Crash Mil4 FRONTFENDER ORIG Mil4 (cont.) Front tire/wheel - Modified Mil4 FRONTFENDER ORIG Mil4 (cont.) Front tire/wheel - Modified Mil4 FRONTFWHEEL, MOD Mil4 (cont.) Front tire/wheel - Operational Mil4 FRONTFWHEEL, MOD Mil4	Variable		
H4 (cont.) Front fender - Fquipped MM114 FRONTFENDER, FQUIP		Variable	SAS® and Excel TM Name
114 (cont.) Front fender - Original Equipment MM114 FRONTPENDER ORIG 114 (cont.) Front triewheel - Modified MM114 FRONTWHEEL MOD 114 (cont.) Front triewheel - Modified MM114 FRONTWHEEL MOD 115 (cont.) Front triewheel - Operational MM115 FRONTBRAKES AFTMKT 115 (cont.) Front brakes - Aftermarket MM115 FRONTBRAKES AFTMKT 115 (cont.) Front brakes - Aftermarket MM115 FRONTBRAKES CATTMKT 115 (cont.) Front brakes - Original Equipment MM115 FRONTBRAKES ORIG 115 (cont.) Front fender - Danaged in Crash MM115 FRONTBRAKES ORIG 115 (cont.) Front fender - Danaged in Crash MM115 FRONTBRAKES ORIG 115 (cont.) Front fender - Operational MM115 FRONTBRAKES ORIG 116 (cont.) Front fender - Operational MM115 FRONTBRAKES 116 (cont.) Front brakes - Operational MM115 FRONTBRAKES MOD 116 (cont.) Front brakes - Operational MM116 FRONTBRAKES MOD 116 (cont.) Front brakes - Operational MM116 FRONTBRAKES MOD 116 (cont.) Front brakes - Operational MM116 FRONTBRAKES MOD 116 (cont.) Seat - Aftermarket MM116 FRONTBRAKES MOD 116 (cont.) Seat - Original Equipment MM116 FRONTBRAKES MOD 117 (cont.) Sissy barpassenger back rest - Danaged in Crash MM117 MCPBACKREST AFTMKT 117 (cont.) Sissy barpassenger back rest - Danaged in Crash MM117 MCPBACKREST MOD 117 (cont.) Sissy barpassenger back rest - Danaged in Crash MM117 MCPBACKREST MOD 117 (cont.) Sissy barpassenger back rest - Danaged in Crash MM117 MCPBACKREST GUIP 117 (cont.) Sissy barpassenger back rest - Dependent MM117 MCPBACKREST GUIP 117 (cont.) Sissy barpassenger back rest - Dependent MM117 MCPBACKREST GUIP 117 (cont.) Sissy barpassenger back rest - Dependent MM117 MCPBACKREST GUIP 118 (cont.) Side reflectors, vellow - Dependent MM118 SIDEREFILECTORYEL DUIP 119 (cont.) Side reflectors, vellow - Dependent MM118 SIDEREFILECTORYEL DUIP 110 (cont.) Side reflect			
114 (cont.) Front tire/wheel - Donaged in Crash MM114_FRONTWHEEL_DMG 114 (cont.) Front tire/wheel - Opterational MM114_FRONTWHEEL_DER MM115_FRONTWHEEL_OPER Tront brakes - Aftermarket MM115_FRONTWHEEL_OPER 115 (cont.) Front brakes - Equipped MM115_FRONTBRAKES_EQUIP 115 (cont.) Front brakes - Original Equipment MM115_FRONTBRAKES_EQUIP 115 (cont.) Front brakes - Original Equipment MM115_FRONTBRAKES_ORIG MM115_CRONTBRAKES_ORIG MM116_CRONTBRAKES_ORIG MM11	_ ` /		
Hard (cont.) Front tire/wheel - Modified MM114_FRONTWHEEL_MOD			
Hotelean Front triew-beel - Operational MMI14_FRONTWHEEI_OPER MMI15_FRONTBRAKES_APIMKT			
115 Front brakes - Aftermarket			
15 (cont.) Front brakes - Equipped MMI15 - FRONTBRAKES. QOID			
15 (cont.) Front brakes - Original Equipment MM115, FRONTIBRAKES, ORIG 15 (cont.) Front fender - Damaged in Crash MM115, FRONTIBDER MOD 15 (cont.) Front fender - Modified MM115, FRONTIBDER MOD 16 (cont.) Front fender - Operational MM115, FRONTIBDER MOD 16 (cont.) Front brakes - Damaged in Crash MM116, FRONTIBRAKES, DMG 16 (cont.) Front brakes - Operational MM116, FRONTIBRAKES, DMG 16 (cont.) Front brakes - Operational MM116, FRONTIBRAKES, DMG 16 (cont.) Seat - Aftermarket MM116, FRONTIBRAKES, OPER 16 (cont.) Seat - Equipped MM116, SEAT, AFDMKT 16 (cont.) Seat - Equipped MM116, SEAT, AFDMKT 17 (cont.) Sissy bar/passenger back rest - Aftermarket MM116, SEAT, AFDMKT 17 (cont.) Sissy bar/passenger back rest - Aftermarket MM117, MCPBACKREST, DMG 17 (cont.) Sissy bar/passenger back rest - Modified MM117, MCPBACKREST, DGUIP 17 (cont.) Sissy bar/passenger back rest - Operational MM117, MCPBACKREST, DGUIP 17 (cont.) Sissy bar/passenger back rest - Operational MM117, MCPBACKREST, DGUIP 17 (cont.) Sissy bar/passenger back rest - Operational MM117, MCPBACKREST, DGUIP 17 (cont.) Sissy bar/passenger back rest - Operational MM117, MCPBACKREST, DGUIP 17 (cont.) Sissy bar/passenger back rest - Operational MM117, MCPBACKREST, DGUIP 17 (cont.) Seat - Modified MM117, MCPBACKREST, MGG 17 (cont.) Seat - Modified MM117, MCPBACKREST, MGG 18 (cont.) Seat - Operational MM117, SEAT OPER 19 (cont.) Seat - Operational MM117, SEAT OPER 18 (cont.) Side reflectors, yellow - Damaged in Crash MM118, SIDERFILECTORYEL, DGUIP 18 (cont.) Side reflectors, yellow - Modified MM118, SIDERFILECTORYEL, DGUIP 19 (cont.) Side reflectors, yellow - Operational MM118, SIDERFILECTORYEL, DGUIP 19 (cont.) Side reflectors, yellow - Operational MM119, SIDERFILECTORYEL, DGUIP 19 (cont.) Side reflectors, silver - Operational MM120, SIDERFILECTORSIL, DGUIP			
115 (cont.) Front fender - Damaged in Crash MM115 (cont.) Front fender - Modified MM115, FRONTFENDER MOD 116 (cont.) Front brakes - Damaged in Crash MM115 FRONTFENDER OPER 116 Front brakes - Damaged in Crash MM116 FRONTBRAKES DMG 116 (cont.) Front brakes - Damaged in Crash MM116 FRONTBRAKES MOD 116 (cont.) Front brakes - Operational MM116 FRONTBRAKES MOD 116 (cont.) Front brakes - Operational MM116 FRONTBRAKES MOD 116 (cont.) Seat - Affermarket MM116 SEAT AFTIMKT 116 (cont.) Seat - Equipped MM116 SEAT AFTIMKT 116 (cont.) Seat - Original Equipment MM116 SEAT ACHING 117 (cont.) Sissy bar/passenger back rest - Aftermarket MM117, MCPBACKREST AFTIMKT 117 (cont.) Sissy bar/passenger back rest - Damaged in Crash MM117, MCPBACKREST DMG 117 (cont.) Sissy bar/passenger back rest - Equipped MM117, MCPBACKREST DMG 117 (cont.) Sissy bar/passenger back rest - Equipped MM117, MCPBACKREST DMG 117 (cont.) Sissy bar/passenger back rest - Operational MM117, MCPBACKREST DMG 117 (cont.) Sissy bar/passenger back rest - Operational MM117, MCPBACKREST OPER 117 (cont.) Sissy bar/passenger back rest - Operational MM117, MCPBACKREST OPER 117 (cont.) Sissy bar/passenger back rest - Original Equipment MM117, MCPBACKREST OPER 118 (cont.) Seat - Operational MM117, MCPBACKREST OPER 119 (cont.) Seat - Operational MM117, MCPBACKREST OPER 118 (cont.) Seat - Operational MM117, MCPBACKREST OPER 118 (cont.) Seat - Operational MM117, MCPBACKREST OPER 118 (cont.) Side reflectors, yellow - Damaged in Crash MM118, SIDEREFLECTORYEL, DMG 118 (cont.) Side reflectors, yellow - Damaged in Crash MM118, SIDEREFLECTORYEL, DMG 119 (cont.) Side reflectors, yellow - Department MM118, SIDEREFLECTORYEL, OPER 119 (cont.) Side reflectors, yellow - Department MM118, SIDEREFLECTORYEL, OPER 119 (cont.) Side reflectors, yellow - Department MM118, SIDEREFLECTORRED,			
If s (cont.) Front fender - Modified MM115 FRONTFENDER MOD		<u> </u>	
Institute Front Fender - Operational MM115 FRONTBRAKES DMG			
116 Front brakes - Damaged in Crash			
116 (cont.) Front brakes - Modified MMI16_FRONTBRAKES_MOPE	` ′	,	
116 (cont.) Front brakes - Operational MM116_SEAT_AFTIMKT 116 (cont.) Seat - Aftermarket MM116_SEAT_AFTIMKT 116 (cont.) Seat - Original Equipment MM116_SEAT_EQUIP 117 (cont.) Sissy bar/passenger back rest - Aftermarket MM117_MCPBACKREST_AFTIMKT 117 (cont.) Sissy bar/passenger back rest - Damaged in Crash MM117_MCPBACKREST_DMG 117 (cont.) Sissy bar/passenger back rest - Equipped MM117_MCPBACKREST_DMG 117 (cont.) Sissy bar/passenger back rest - Equipped MM117_MCPBACKREST_DMG 117 (cont.) Sissy bar/passenger back rest - Operational MM117_MCPBACKREST_DMG 117 (cont.) Sissy bar/passenger back rest - Operational MM117_MCPBACKREST_OPER 117 (cont.) Sissy bar/passenger back rest - Operational MM117_MCPBACKREST_OPER 117 (cont.) Seat - Damaged in Crash MM117_SEAT_DMG 117 (cont.) Seat - Operational MM117_SEAT_DMG 117 (cont.) Seat - Operational MM117_SEAT_DMG 117 (cont.) Seat - Operational MM117_SEAT_DMG 118 (cont.) Side reflectors, yellow - Aftermarket MM118_SIDEREFLECTORYEL_AFTMKT 118 (cont.) Side reflectors, yellow - Damaged in Crash MM118_SIDEREFLECTORYEL_AFTMKT 118 (cont.) Side reflectors, yellow - Damaged in Crash MM118_SIDEREFLECTORYEL_OPER 118 (cont.) Side reflectors, yellow - Operational MM118_SIDEREFLECTORYEL_OPER 119 (cont.) Side reflectors, yellow - Operational MM118_SIDEREFLECTORYEL_OPER 119 (cont.) Side reflectors, red - Pamaged in Crash MM119_SIDEREFLECTORRED_OPER 119 (cont.) Side reflectors, red - Pamaged in Crash MM119_SIDEREFLECTORRED_OPER 119 (cont.) Side reflectors, red - Operational MM119_SIDEREFLECTORRED_OPER 119 (cont.) Side reflectors, red - Operational MM119_SIDEREFLECTORRED_OPER 119 (cont.) Side reflectors, red - Operational MM119_SIDEREFLECTORRED_OPER 120 (cont.) Side reflectors, silver - Damaged in Crash MM120_SIDEREFLECTORRED_OPER 121 (cont.) Side reflectors, silver - Original Equipment MM120_SI			
MMI16_SEAT_AFTMKT			
116 (cont.) Seat - Griginal Equipment MM116, SEAT, EQUIIP			
116 (cont.) Seat - Original Equipment			
117			
117 (cont.) Sissy bar/passenger back rest - Damaged in Crash MM117_MCPBACKREST_DMG 117 (cont.) Sissy bar/passenger back rest - Equipped MM117_MCPBACKREST_MOD 117 (cont.) Sissy bar/passenger back rest - Modified MM117_MCPBACKREST_MOD 117 (cont.) Sissy bar/passenger back rest - Operational MM117_MCPBACKREST_OPER 117 (cont.) Sissy bar/passenger back rest - Operational MM117_MCPBACKREST_OPER 117 (cont.) Seat - Damaged in Crash MM117_SEAT_DMG 117 (cont.) Seat - Modified MM117_SEAT_DMG 117 (cont.) Seat - Modified MM117_SEAT_DMG 118 (cont.) Side reflectors, yellow - Aftermarket MM118_SIDEREFLECTORYEL_AFTMKT 118 (cont.) Side reflectors, yellow - Damaged in Crash MM118_SIDEREFLECTORYEL_EQUIP 118 (cont.) Side reflectors, yellow - Equipped MM118_SIDEREFLECTORYEL_DMG 118 (cont.) Side reflectors, yellow - Operational MM118_SIDEREFLECTORYEL_OPER 118 (cont.) Side reflectors, yellow - Operational MM118_SIDEREFLECTORYEL_OPER 118 (cont.) Side reflectors, yellow - Operational MM118_SIDEREFLECTORYEL_OPER 119 (cont.) Side reflectors, red - Aftermarket MM118_SIDEREFLECTORYEL_OPER 119 (cont.) Side reflectors, red - Damaged in Crash MM119_SIDEREFLECTORRED_DMG 119 (cont.) Side reflectors, red - Damaged in Crash MM119_SIDEREFLECTORRED_DMG 119 (cont.) Side reflectors, red - Operational MM119_SIDEREFLECTORRED_DMG 119 (cont.) Side reflectors, red - Operational MM119_SIDEREFLECTORRED_DMG 120 (cont.) Side reflectors, red - Operational MM119_SIDEREFLECTORRED_DMG 120 (cont.) Side reflectors, red - Operational MM119_SIDEREFLECTORRED_OPER 120 (cont.) Side reflectors, red - Operational MM120_SIDEREFLECTORRED_OPER 120 (cont.) Side reflectors, silver - Operational MM120_SIDEREFLECTORRED_OPER 120 (cont.) Side reflectors, silver - Operational MM120_SIDEREFLECTORSIL_OPER 121 (cont.) Frame - Operational MM121_FRAME_OPER 121 (cont.) Frame - Operational	_ `		
117 (cont.) Sissy bar/passenger back rest - Equipped MM117_MCPBACKREST_EQUIP 117 (cont.) Sissy bar/passenger back rest - Organial MM117_MCPBACKREST_OPER 117 (cont.) Sissy bar/passenger back rest - Organial MM117_MCPBACKREST_OPER 117 (cont.) Sissy bar/passenger back rest - Original Equipment MM117_MCPBACKREST_OPER 117 (cont.) Seat - Damaged in Crash MM117_SEAT_DMG MM117_SEAT_DMG MM117_SEAT_DMG MM117_SEAT_DMG MM117_SEAT_DEA MM117_SEAT_DEA MM117_SEAT_DEA MM117_SEAT_DEA MM117_SEAT_DEA MM118_SIDEREFLECTORYEL_AFTMKT Side reflectors, yellow - Aftermarket MM118_SIDEREFLECTORYEL_AFTMKT Side reflectors, yellow - Damaged in Crash MM118_SIDEREFLECTORYEL_DMG MM118_SIDEREFLECTORYEL_DMG MM118_SIDEREFLECTORYEL_DMG MM118_SIDEREFLECTORYEL_DMG MM118_SIDEREFLECTORYEL_DMG MM18_SIDEREFLECTORYEL_DMG MM18_SIDEREFLECTORYEL_OPER MM19_SIDEREFLECTORYEL_DMG MM19_SIDEREFLECTORYEL_DMG MM19_SIDEREFLECTORYEL_DMG MM19_SIDEREFLECTORYEL_DMG MM19_SIDEREFLECTORRED_AFTMKT MM19_SIDEREFLECTORRED_AFTMKT MM19_SIDEREFLECTORRED_DMG MM19_SI			
117 (cont.) Sissy bar/passenger back rest - Operational MM117_MCPBACKREST_MOD	· ·		
117 (cont.) Sissy bar/passenger back rest - Operational MM117_MCPBACKREST_OPER	· ·		
117 (cont.) Sissy bar/passenger back rest - Original Equipment MM117_MCPBACKREST_ORIG 117 (cont.) Seat - Damaged in Crash MM117_SEAT_DMG 117 (cont.) Seat - Operational MM117_SEAT_DMG 118 (cont.) Seat - Operational MM118_SIDEREFLECTORYEL_AFTMKT 118 (cont.) Side reflectors, yellow - Damaged in Crash MM118_SIDEREFLECTORYEL_AFTMKT 118 (cont.) Side reflectors, yellow - Damaged in Crash MM118_SIDEREFLECTORYEL_DMG 118 (cont.) Side reflectors, yellow - Equipped MM118_SIDEREFLECTORYEL_DUIP 118 (cont.) Side reflectors, yellow - Operational MM118_SIDEREFLECTORYEL_DOIP 118 (cont.) Side reflectors, yellow - Operational MM118_SIDEREFLECTORYEL_ORIG 119 (cont.) Side reflectors, yellow - Original Equipment MM118_SIDEREFLECTORYEL_ORIG 119 (side reflectors, red - Aftermarket MM119_SIDEREFLECTORYEL_ORIG 119 (cont.) Side reflectors, red - Damaged in Crash MM119_SIDEREFLECTORRED_DMG 119 (cont.) Side reflectors, red - Damaged in Crash MM119_SIDEREFLECTORRED_DMG 119 (cont.) Side reflectors, red - Operational MM119_SIDEREFLECTORRED_OPER 119 (cont.) Side reflectors, red - Operational MM119_SIDEREFLECTORRED_OPER 119 (cont.) Side reflectors, red - Operational MM119_SIDEREFLECTORRED_OPER 120 (cont.) Side reflectors, red - Operational MM119_SIDEREFLECTORRED_OPER 120 (cont.) Side reflectors, silver - Damaged in Crash MM120_SIDEREFLECTORSIL_DMG 120 (cont.) Side reflectors, silver - Damaged in Crash MM120_SIDEREFLECTORSIL_OPER 120 (cont.) Side reflectors, silver - Damaged in Crash MM120_SIDEREFLECTORSIL_OPER 121 (cont.) Side reflectors, silver - Operational MM120_SIDEREFLECTORSIL_OPER 121 (cont.) Side reflectors, silver - Operational MM120_SIDEREFLECTORSIL_OPER 121 (cont.) Frame - Aftermarket MM121_FRAME_DMG 121 (cont.) Frame - Aftermarket MM121_FRAME_DMG 121 (cont.) Frame - Original Equipment MM121_FRAME_OPER 121 (cont.) Grab rails/hand holds -	· ·		
117 (cont.) Seat - Damaged in Crash MM117, SEAT_DMG 117 (cont.) Seat - Modified MM117, SEAT_MOD 118 Side reflectors, Vellow - Aftermarket MM118, SIDEREFLECTORYEL_AFTMKT 118 Side reflectors, Vellow - Damaged in Crash MM118, SIDEREFLECTORYEL_AFTMKT 118 (cont.) Side reflectors, Vellow - Damaged in Crash MM118, SIDEREFLECTORYEL_EQUIP 118 (cont.) Side reflectors, Vellow - Damaged in Crash MM118, SIDEREFLECTORYEL_EQUIP 118 (cont.) Side reflectors, Vellow - Orginal Equipment MM118, SIDEREFLECTORYEL_OPER 118 (cont.) Side reflectors, Vellow - Orginal Equipment MM118, SIDEREFLECTORYEL_OPER 118 (cont.) Side reflectors, Vellow - Orginal Equipment MM118, SIDEREFLECTORYEL_OPER 119 (cont.) Side reflectors, vellow - Orginal Equipment MM118, SIDEREFLECTORYEL_OPER 119 (cont.) Side reflectors, red - Damaged in Crash MM119, SIDEREFLECTORRED_AFTMKT 119 (cont.) Side reflectors, red - Damaged in Crash MM119, SIDEREFLECTORRED_DMG 119 (cont.) Side reflectors, red - Operational MM119, SIDEREFLECTORRED_DOPER 119 (cont.) Side reflectors, red - Operational MM119, SIDEREFLECTORRED_OPER 119 (cont.) Side reflectors, red - Operational MM119, SIDEREFLECTORRED_OPER 120 (cont.) Side reflectors, vellow-Doper MM120, SIDEREFLECTORRED_ORIG 120 (cont.) Side reflectors, silver - Aftermarket MM120, SIDEREFLECTORSIL_AFTMKT 120 (cont.) Side reflectors, silver - Damaged in Crash MM120, SIDEREFLECTORSIL_MOD 120 (cont.) Side reflectors, silver - Orginal Equipment MM120, SIDEREFLECTORSIL_MOD 120 (cont.) Side reflectors, silver - Orginal Equipment MM120, SIDEREFLECTORSIL_OPER 120 (cont.) Side reflectors, silver - Orginal Equipment MM120, SIDEREFLECTORSIL_OPER 121 (cont.) Frame - Damaged in Crash MM121, FRAME_DMG 121 (cont.) Frame - Damaged in Crash MM121, FRAME_DMG 121 (cont.) Frame - Orginal Equipment MM121, FRAME_DORG 122 (cont.) Frame - Orginal Equipment MM121, H	· ·		
117 (cont.) Seat - Modified MM117_SEAT_MOD	_ ` /		
117 (cont.) Seat - Operational			
118 Side reflectors, yellow - Aftermarket MM118_SIDEREFLECTORYEL_AFTMKT 118 (cont.) Side reflectors, yellow - Damaged in Crash MM118_SIDEREFLECTORYEL_DMG 118 (cont.) Side reflectors, yellow - Modified MM118_SIDEREFLECTORYEL_EQUIP 118 (cont.) Side reflectors, yellow - Modified MM118_SIDEREFLECTORYEL_DOED 118 (cont.) Side reflectors, yellow - Operational MM118_SIDEREFLECTORYEL_OPER 118 (cont.) Side reflectors, yellow - Original Equipment MM118_SIDEREFLECTORYEL_OPER 119 (cont.) Side reflectors, red - Aftermarket MM119_SIDEREFLECTORYEL_ORIG 119 (cont.) Side reflectors, red - Damaged in Crash MM119_SIDEREFLECTORRED_DMG 119 (cont.) Side reflectors, red - Damaged MM119_SIDEREFLECTORRED_DMG 119 (cont.) Side reflectors, red - Modified MM119_SIDEREFLECTORRED_MOD 119 (cont.) Side reflectors, red - Original Equipment MM119_SIDEREFLECTORRED_OPER 119 (cont.) Side reflectors, red - Original Equipment MM119_SIDEREFLECTORRED_OPER 119 (cont.) Side reflectors, silver - Aftermarket MM120_SIDEREFLECTORRED_OPER 120 (cont.) Side reflectors, silver - Damaged in Crash MM120_SIDEREFLECTORSIL_AFTMKT 120 (cont.) Side reflectors, silver - Damaged in Crash MM120_SIDEREFLECTORSIL_DMG 120 (cont.) Side reflectors, silver - Operational MM120_SIDEREFLECTORSIL_DMG 120 (cont.) Side reflectors, silver - Operational MM120_SIDEREFLECTORSIL_OPER 120 (cont.) Side reflectors, silver - Operational MM120_SIDEREFLECTORSIL_OPER 120 (cont.) Side reflectors, silver - Operational MM120_SIDEREFLECTORSIL_OPER 121 (cont.) Frame - Damaged in Crash MM121_FRAME_AFTMKT 121 (cont.) Frame - Damaged in Crash MM121_FRAME_DMG 121 (cont.) Frame - Operational MM121_FRAME_DOPER 121 (cont.) Frame - Operational MM121_FRAME_OPER 121 (cont.) Grab rails/hand holds - Original Equipment MM121_HANDHOLDS_AFTMKT 122 (cont.) Frame - Original Equipment MM121_HANDHOLDS_ORIG 122 (cont.) F			
118 (cont.) Side reflectors, yellow - Damaged in Crash MM118_SIDEREFLECTORYEL_DMG 118 (cont.) Side reflectors, yellow - Equipped MM118_SIDEREFLECTORYEL_EQUIP 118 (cont.) Side reflectors, yellow - Operational MM118_SIDEREFLECTORYEL_DMD 118 (cont.) Side reflectors, yellow - Operational MM118_SIDEREFLECTORYEL_OPER 119 (cont.) Side reflectors, yellow - Operational MM118_SIDEREFLECTORYEL_OPER 119 (cont.) Side reflectors, yellow - Original Equipment MM118_SIDEREFLECTORYEL_ORIG 119 (cont.) Side reflectors, red - Aftermarket MM119_SIDEREFLECTORYEL_ORIG 119 (cont.) Side reflectors, red - Damaged in Crash MM119_SIDEREFLECTORRED_DMG 119 (cont.) Side reflectors, red - Modified MM119_SIDEREFLECTORRED_MOD 119 (cont.) Side reflectors, red - Operational MM119_SIDEREFLECTORRED_OPER 119 (cont.) Side reflectors, red - Operational MM119_SIDEREFLECTORRED_OPER 110 (cont.) Side reflectors, red - Original Equipment MM119_SIDEREFLECTORRED_OPER 120 (cont.) Side reflectors, silver - Damaged in Crash MM120_SIDEREFLECTORSIL_AFTMKT 120 (cont.) Side reflectors, silver - Equipped MM120_SIDEREFLECTORSIL_EQUIP 120 (cont.) Side reflectors, silver - Guipped MM120_SIDEREFLECTORSIL_EQUIP 120 (cont.) Side reflectors, silver - Original Equipment MM120_SIDEREFLECTORSIL_OPER 120 (cont.) Side reflectors, silver - Original Equipment MM120_SIDEREFLECTORSIL_OPER 121 (cont.) Frame - Aftermarket MM121_FRAME_AFTMKT 121 (cont.) Frame - Damaged in Crash MM121_FRAME_MOD 121 (cont.) Frame - Doperational MM121_FRAME_MOD 121 (cont.) Frame - Original Equipment MM121_FRAME_MOD 121 (cont.) Frame - Original Equipment MM121_FRAME_ORIG 121 (cont.) Grab rails/hand holds - Aftermarket MM121_HANDHOLDS_AFTMKT 121 (cont.) Grab rails/hand holds - Original Equipment MM122_FUELTANK_AFTMKT 122 (cont.) Fuel tank - Original Equipment MM122_HANDHOLDS_DMG 122 (cont.) Grab rails/hand			
118 (cont.) Side reflectors, yellow - Equipped MM118_SIDEREFLECTORYEL_EQUIP 118 (cont.) Side reflectors, yellow - Modified MM118_SIDEREFLECTORYEL_MOD 118 (cont.) Side reflectors, yellow - Operational MM118_SIDEREFLECTORYEL_OPER 118 (cont.) Side reflectors, yellow - Original Equipment MM118_SIDEREFLECTORYEL_ORIG 119 Side reflectors, red - Aftermarket MM119_SIDEREFLECTORYEL_ORIG 119 Side reflectors, red - Aftermarket MM119_SIDEREFLECTORRED_AFTMKT 119 (cont.) Side reflectors, red - Damaged in Crash MM119_SIDEREFLECTORRED_DMG 119 (cont.) Side reflectors, red - Equipped MM119_SIDEREFLECTORRED_DMG 119 (cont.) Side reflectors, red - Operational MM119_SIDEREFLECTORRED_MOD 119 (cont.) Side reflectors, red - Original Equipment MM119_SIDEREFLECTORRED_OPER 119 (cont.) Side reflectors, red - Original Equipment MM120_SIDEREFLECTORRED_ORIG 120 Side reflectors, silver - Aftermarket MM120_SIDEREFLECTORSIL_DMG 120 (cont.) Side reflectors, silver - Damaged in Crash MM120_SIDEREFLECTORSIL_DMG 120 (cont.) Side reflectors, silver - Modified MM120_SIDEREFLECTORSIL_GOUP 120 (cont.) Side reflectors, silver - Operational MM120_SIDEREFLECTORSIL_ORIG 121 (cont.) Side reflectors, silver - Original Equipment MM120_SIDEREFLECTORSIL_ORIG 121 (rame - Aftermarket MM121_FRAME_AFTMKT 121 (cont.) Frame - Damaged in Crash MM121_FRAME_DMG 121 (cont.) Frame - Doriginal Equipment MM121_FRAME_MOD 121 (cont.) Frame - Operational MM121_FRAME_ORIG 121 (cont.) Frame - Operational MM121_FRAME_ORIG 121 (cont.) Grab rails/hand holds - Aftermarket MM121_HANDHOLDS_AFTMKT 121 (cont.) Grab rails/hand holds - Original Equipment MM122_FUELTANK_AFTMKT 122 (cont.) Frame - Original Equipment MM122_FUELTANK_AFTMKT 122 (cont.) Frame - Original Equipment MM122_FUELTANK_AFTMKT 122 (cont.) Grab rails/hand holds - Damaged in Crash MM122_HANDHOLDS_MOD 122 (cont.) Grab			
118 (cont.) Side reflectors, yellow - Modified MM118_SIDEREFLECTORYEL_MOD 118 (cont.) Side reflectors, yellow - Operational MM118_SIDEREFLECTORYEL_OPER 118 (cont.) Side reflectors, yellow - Original Equipment MM118_SIDEREFLECTORYEL_ORIG 119 Side reflectors, red - Aftermarket MM119_SIDEREFLECTORYEL_AFTMKT 119 (cont.) Side reflectors, red - Damaged in Crash MM119_SIDEREFLECTORRED_AFTMKT 119 (cont.) Side reflectors, red - Damaged in Crash MM119_SIDEREFLECTORRED_DMG 119 (cont.) Side reflectors, red - Modified MM119_SIDEREFLECTORRED_DMG 119 (cont.) Side reflectors, red - Operational MM119_SIDEREFLECTORRED_OPER 119 (cont.) Side reflectors, red - Original Equipment MM119_SIDEREFLECTORRED_OPER 120 (cont.) Side reflectors, silver - Aftermarket MM120_SIDEREFLECTORSIL_AFTMKT 120 (cont.) Side reflectors, silver - Damaged in Crash MM120_SIDEREFLECTORSIL_DMG 120 (cont.) Side reflectors, silver - Modified MM120_SIDEREFLECTORSIL_DMG 120 (cont.) Side reflectors, silver - Original Equipment MM120_SIDEREFLECTORSIL_ORIG 120 (cont.) Side reflectors, silver - Original Equipment MM120_SIDEREFLECTORSIL_ORIG 121 (cont.) Side reflectors, silver - Original Equipment MM120_SIDEREFLECTORSIL_ORIG 121 (cont.) Side reflectors, silver - Original Equipment MM120_SIDEREFLECTORSIL_ORIG 121 (cont.) Frame - Damaged in Crash MM121_FRAME_DMG 121 (cont.) Frame - Doperational MM121_FRAME_DORIG 121 (cont.) Frame - Doperational MM121_FRAME_ORIG 121 (cont.) Frame - Original Equipment MM121_HANDHOLDS_AFTMKT 121 (cont.) Grab rails/hand holds - Aftermarket MM121_HANDHOLDS_AFTMKT 121 (cont.) Grab rails/hand holds - Original Equipment MM122_FUELTANK_EQUIP 122 (cont.) Fuel tank - Aftermarket MM122_FUELTANK_EQUIP 122 (cont.) Fuel tank - Original Equipment MM122_FUELTANK_ORIG 122 (cont.) Grab rails/hand holds - Damaged in Crash MM122_HANDHOLDS_MOG 122 (cont.) Gra			
118 (cont.) Side reflectors, yellow - Operational MM118_SIDEREFLECTORYEL_OPER 119			
118 (cont.) Side reflectors, yellow - Original Equipment MM118_SIDEREFLECTORYEL_ORIG 119 Side reflectors, red - Aftermarket MM119_SIDEREFLECTORRED_AFTMKT 119 (cont.) Side reflectors, red - Damaged in Crash MM119_SIDEREFLECTORRED_DMG 119 (cont.) Side reflectors, red - Equipped MM119_SIDEREFLECTORRED_EQUIP 119 (cont.) Side reflectors, red - Modified MM119_SIDEREFLECTORRED_MOD 119 (cont.) Side reflectors, red - Operational MM119_SIDEREFLECTORRED_OPER 119 (cont.) Side reflectors, red - Original Equipment MM119_SIDEREFLECTORRED_OPER 120 (cont.) Side reflectors, silver - Aftermarket MM120_SIDEREFLECTORSIL_AFTMKT 120 (cont.) Side reflectors, silver - Damaged in Crash MM120_SIDEREFLECTORSIL_DMG 120 (cont.) Side reflectors, silver - Damaged in Crash MM120_SIDEREFLECTORSIL_DMG 120 (cont.) Side reflectors, silver - Modified MM120_SIDEREFLECTORSIL_MOD 120 (cont.) Side reflectors, silver - Operational MM120_SIDEREFLECTORSIL_OPER 120 (cont.) Side reflectors, silver - Original Equipment MM120_SIDEREFLECTORSIL_ORIG 121 Frame - Aftermarket MM120_SIDEREFLECTORSIL_ORIG 121 (cont.) Frame - Damaged in Crash MM121_FRAME_AFTMKT 121 (cont.) Frame - Damaged in Crash MM121_FRAME_EQUIP 121 (cont.) Frame - Operational MM121_FRAME_MOD 121 (cont.) Frame - Operational MM121_FRAME_OPER 121 (cont.) Frame - Original Equipment MM121_FRAME_OPER 121 (cont.) Grab rails/hand holds - Aftermarket MM121_HANDHOLDS_AFTMKT 121 (cont.) Grab rails/hand holds - Aftermarket MM121_HANDHOLDS_ORIG 122 (cont.) Fuel tank - Aftermarket MM122_FUELTANK_AFTMKT 122 (cont.) Fuel tank - Original Equipment MM122_FUELTANK_EQUIP 122 (cont.) Fuel tank - Original Equipment MM122_FUELTANK_EQUIP 122 (cont.) Fuel tank - Original Equipment MM122_HANDHOLDS_DMG 122 (cont.) Grab rails/hand holds - Damaged in Crash MM122_HANDHOLDS_DMG 122 (cont.) Grab rails/hand holds - Damaged in Crash MM122_HANDHOLDS_DMG 122 (cont.) Gr			
119 Side reflectors, red - Aftermarket MM119_SIDEREFLECTORRED_AFTMKT 119 (cont.) Side reflectors, red - Damaged in Crash MM119_SIDEREFLECTORRED_DMG 119 (cont.) Side reflectors, red - Equipped MM119_SIDEREFLECTORRED_EQUIP 119 (cont.) Side reflectors, red - Modified MM119_SIDEREFLECTORRED_MOD 119 (cont.) Side reflectors, red - Operational MM119_SIDEREFLECTORRED_OPER 119 (cont.) Side reflectors, red - Operational MM119_SIDEREFLECTORRED_OPER 119 (cont.) Side reflectors, red - Original Equipment MM119_SIDEREFLECTORRED_ORIG 120 Side reflectors, silver - Aftermarket MM120_SIDEREFLECTORSIL_AFTMKT 120 (cont.) Side reflectors, silver - Damaged in Crash MM120_SIDEREFLECTORSIL_DMG 120 (cont.) Side reflectors, silver - Equipped MM120_SIDEREFLECTORSIL_DMG 120 (cont.) Side reflectors, silver - Operational MM120_SIDEREFLECTORSIL_OPER 120 (cont.) Side reflectors, silver - Operational MM120_SIDEREFLECTORSIL_OPER 121 (cont.) Frame - Aftermarket MM120_SIDEREFLECTORSIL_OPER 121 (cont.) Frame - Damaged in Crash MM121_FRAME_AFTMKT 121 (cont.) Frame - Damaged in Crash MM121_FRAME_DMG 121 (cont.) Frame - Modified MM121_FRAME_DMG 121 (cont.) Frame - Modified MM121_FRAME_OPER 121 (cont.) Frame - Original Equipment MM121_FRAME_OPER 121 (cont.) Frame - Original Equipment MM121_FRAME_OPER 121 (cont.) Grab rails/hand holds - Aftermarket MM121_HANDHOLDS_AFTMKT 121 (cont.) Grab rails/hand holds - Original Equipment MM121_HANDHOLDS_ORIG 122 (cont.) Fuel tank - Aftermarket MM122_FUELTANK_AFTMKT 122 (cont.) Fuel tank - Original Equipment MM122_FUELTANK_ORIG 122 (cont.) Fuel tank - Original Equipment MM122_HANDHOLDS_DMG 122 (cont.) Grab rails/hand holds - Damaged in Crash MM122_HANDHOLDS_DMG 122 (cont.) Grab rails/hand holds - Damaged in Crash MM122_HANDHOLDS_DMG 122 (cont.) Grab rails/hand holds - Damaged in Crash MM122_HANDHOLDS_DMG	· ·		
119 (cont.) Side reflectors, red - Damaged in Crash MM119_SIDEREFLECTORRED_DMG 119 (cont.) Side reflectors, red - Equipped MM119_SIDEREFLECTORRED_EQUIP 119 (cont.) Side reflectors, red - Modified MM119_SIDEREFLECTORRED_MOD 119 (cont.) Side reflectors, red - Operational MM119_SIDEREFLECTORRED_OPER 119 (cont.) Side reflectors, red - Original Equipment MM119_SIDEREFLECTORRED_OPER 120 Side reflectors, silver - Aftermarket MM120_SIDEREFLECTORSIL_AFTMKT 120 (cont.) Side reflectors, silver - Damaged in Crash MM120_SIDEREFLECTORSIL_DMG 120 (cont.) Side reflectors, silver - Damaged in Crash MM120_SIDEREFLECTORSIL_EQUIP 120 (cont.) Side reflectors, silver - Modified MM120_SIDEREFLECTORSIL_DMG 120 (cont.) Side reflectors, silver - Operational MM120_SIDEREFLECTORSIL_OPER 120 (cont.) Side reflectors, silver - Original Equipment MM120_SIDEREFLECTORSIL_OPER 121 (cont.) Side reflectors, silver - Original Equipment MM120_SIDEREFLECTORSIL_OPER 121 (cont.) Frame - Aftermarket MM121_FRAME_AFTMKT 121 (cont.) Frame - Damaged in Crash MM121_FRAME_DMG 121 (cont.) Frame - Bauipped MM121_FRAME_MOD 121 (cont.) Frame - Operational MM121_FRAME_OPER 121 (cont.) Frame - Operational MM121_FRAME_OPER 121 (cont.) Frame - Original Equipment MM121_FRAME_OPER 121 (cont.) Grab rails/hand holds - Aftermarket MM121_HANDHOLDS_AFTMKT 122 (cont.) Grab rails/hand holds - Original Equipment MM122_FUELTANK_AFTMKT 122 (cont.) Fuel tank - Aftermarket MM122_FUELTANK_AFTMKT 122 (cont.) Fuel tank - Original Equipment MM122_FUELTANK_ORIG 122 (cont.) Grab rails/hand holds - Damaged in Crash MM122_HANDHOLDS_DMG 122 (cont.) Grab rails/hand holds - Damaged in Crash MM122_HANDHOLDS_DMG 122 (cont.) Grab rails/hand holds - Modified MM122_HANDHOLDS_DMG 122 (cont.) Grab rails/hand holds - Modified MM122_HANDHOLDS_DMD 122 (cont.) Grab rails/hand holds - Modified			
119 (cont.) Side reflectors, red - Equipped MM119_SIDEREFLECTORRED_EQUIP 119 (cont.) Side reflectors, red - Modified MM119_SIDEREFLECTORRED_MOD 119 (cont.) Side reflectors, red - Operational MM119_SIDEREFLECTORRED_OPER 119 (cont.) Side reflectors, red - Original Equipment MM119_SIDEREFLECTORRED_OPER 119 (cont.) Side reflectors, red - Original Equipment MM120_SIDEREFLECTORSIL_AFTMKT 120 (cont.) Side reflectors, silver - Damaged in Crash MM120_SIDEREFLECTORSIL_DMG 120 (cont.) Side reflectors, silver - Equipped MM120_SIDEREFLECTORSIL_BQUIP 120 (cont.) Side reflectors, silver - Modified MM120_SIDEREFLECTORSIL_MOD 120 (cont.) Side reflectors, silver - Operational MM120_SIDEREFLECTORSIL_OPER 120 (cont.) Side reflectors, silver - Original Equipment MM120_SIDEREFLECTORSIL_OPER 121 (cont.) Side reflectors, silver - Original Equipment MM120_SIDEREFLECTORSIL_OPER 121 (cont.) Side reflectors, silver - Original Equipment MM120_SIDEREFLECTORSIL_OPER 121 (cont.) Frame - Aftermarket MM121_FRAME_DMG 121 (cont.) Frame - Damaged in Crash MM121_FRAME_DMG 121 (cont.) Frame - Equipped MM121_FRAME_MOD 121 (cont.) Frame - Original Equipment MM121_FRAME_MOD 121 (cont.) Frame - Original Equipment MM121_FRAME_OPER 121 (cont.) Grab rails/hand holds - Aftermarket MM121_HANDHOLDS_EQUIP 121 (cont.) Grab rails/hand holds - Original Equipment MM121_HANDHOLDS_ORIG 122 (cont.) Fuel tank - Aftermarket MM122_FUELTANK_ORIG 122 (cont.) Fuel tank - Original Equipment MM122_FUELTANK_ORIG 122 (cont.) Fuel tank - Original Equipment MM122_HANDHOLDS_DMG 122 (cont.) Grab rails/hand holds - Damaged in Crash MM122_HANDHOLDS_MOD 122 (cont.) Grab rails/hand holds - Modified MM122_HANDHOLDS_MOD 122 (cont.) Grab rails/hand holds - Modified MM122_HANDHOLDS_MOD 122 (cont.) Grab rails/hand holds - Modified MM122_HANDHOLDS_MOD 123 (cont.) Grab rails/hand hol			
119 (cont.) Side reflectors, red - Modified MM119_SIDEREFLECTORRED_MOD 119 (cont.) Side reflectors, red - Operational MM119_SIDEREFLECTORRED_OPER 119 (cont.) Side reflectors, red - Original Equipment MM119_SIDEREFLECTORRED_ORIG 120 Side reflectors, silver - Aftermarket MM120_SIDEREFLECTORSIL_AFTMKT 120 (cont.) Side reflectors, silver - Damaged in Crash MM120_SIDEREFLECTORSIL_DMG 120 (cont.) Side reflectors, silver - Equipped MM120_SIDEREFLECTORSIL_DMG 120 (cont.) Side reflectors, silver - Modified MM120_SIDEREFLECTORSIL_MOD 120 (cont.) Side reflectors, silver - Operational MM120_SIDEREFLECTORSIL_OPER 120 (cont.) Side reflectors, silver - Original Equipment MM120_SIDEREFLECTORSIL_OPER 120 (cont.) Side reflectors, silver - Original Equipment MM120_SIDEREFLECTORSIL_OPER 121 (cont.) Side reflectors, silver - Original Equipment MM120_SIDEREFLECTORSIL_OPER 121 (cont.) Frame - Aftermarket MM121_FRAME_AFTMKT 121 (cont.) Frame - Damaged in Crash MM121_FRAME_DMG 121 (cont.) Frame - Damaged in Crash MM121_FRAME_DMG 121 (cont.) Frame - Modified MM121_FRAME_MOD 121 (cont.) Frame - Original Equipment MM121_FRAME_OPER 121 (cont.) Frame - Original Equipment MM121_FRAME_OPER 121 (cont.) Grab rails/hand holds - Aftermarket MM121_HANDHOLDS_AFTMKT 121 (cont.) Grab rails/hand holds - Original Equipment MM121_HANDHOLDS_ORIG 122 (cont.) Fuel tank - Aftermarket MM122_FUELTANK_AFTMKT 122 (cont.) Fuel tank - Gripment MM122_FUELTANK_ORIG 122 (cont.) Fuel tank - Original Equipment MM122_FUELTANK_ORIG 122 (cont.) Grab rails/hand holds - Damaged in Crash MM122_HANDHOLDS_MOD 122 (cont.) Grab rails/hand holds - Damaged in Crash MM122_HANDHOLDS_MOD 122 (cont.) Grab rails/hand holds - Modified MM122_HANDHOLDS_MOD 122 (cont.) Grab rails/hand holds - Modified MM122_HANDHOLDS_MOD			
119 (cont.)Side reflectors, red - OperationalMM119_SIDEREFLECTORRED_OPER119 (cont.)Side reflectors, red - Original EquipmentMM119_SIDEREFLECTORRED_ORIG120Side reflectors, silver - AftermarketMM120_SIDEREFLECTORSIL_AFTMKT120 (cont.)Side reflectors, silver - Damaged in CrashMM120_SIDEREFLECTORSIL_DMG120 (cont.)Side reflectors, silver - EquippedMM120_SIDEREFLECTORSIL_DMG120 (cont.)Side reflectors, silver - ModifiedMM120_SIDEREFLECTORSIL_MOD120 (cont.)Side reflectors, silver - OperationalMM120_SIDEREFLECTORSIL_OPER120 (cont.)Side reflectors, silver - Original EquipmentMM120_SIDEREFLECTORSIL_ORIG121Frame - AftermarketMM121_FRAME_AFTMKT121 (cont.)Frame - Damaged in CrashMM121_FRAME_DMG121 (cont.)Frame - EquippedMM121_FRAME_EQUIP121 (cont.)Frame - ModifiedMM121_FRAME_OPER121 (cont.)Frame - OperationalMM121_FRAME_OPER121 (cont.)Frame - Original EquipmentMM121_FRAME_ORIG121 (cont.)Grab rails/hand holds - AftermarketMM121_HANDHOLDS_AFTMKT121 (cont.)Grab rails/hand holds - Original EquipmentMM121_HANDHOLDS_ORIG122 (cont.)Fuel tank - AftermarketMM122_FUELTANK_AFTMKT122 (cont.)Fuel tank - Original EquipmentMM122_FUELTANK_ORIG122 (cont.)Fuel tank - Original EquipmentMM122_HANDHOLDS_DMG122 (cont.)Grab rails/hand holds - Damaged in CrashMM122_HANDHOLDS_MOD			
119 (cont.) Side reflectors, red - Original Equipment MM119_SIDEREFLECTORRED_ORIG 120		,	
Side reflectors, silver - Aftermarket			
120 (cont.) Side reflectors, silver - Damaged in Crash MM120_SIDEREFLECTORSIL_DMG 120 (cont.) Side reflectors, silver - Equipped MM120_SIDEREFLECTORSIL_EQUIP 120 (cont.) Side reflectors, silver - Modified MM120_SIDEREFLECTORSIL_MOD 120 (cont.) Side reflectors, silver - Operational MM120_SIDEREFLECTORSIL_OPER 120 (cont.) Side reflectors, silver - Original Equipment MM120_SIDEREFLECTORSIL_OPER 121 Frame - Aftermarket MM121_FRAME_AFTMKT 121 (cont.) Frame - Damaged in Crash MM121_FRAME_DMG 121 (cont.) Frame - Equipped MM121_FRAME_DMG 121 (cont.) Frame - Modified MM121_FRAME_MOD 121 (cont.) Frame - Operational MM121_FRAME_OPER 121 (cont.) Frame - Original Equipment MM121_FRAME_ORIG 121 (cont.) Grab rails/hand holds - Aftermarket MM121_HANDHOLDS_AFTMKT 121 (cont.) Grab rails/hand holds - Original Equipment MM121_HANDHOLDS_ORIG 122 Fuel tank - Aftermarket MM122_FUELTANK_AFTMKT 122 (cont.) Fuel tank - Equipped MM122_FUELTANK_EQUIP 122 (cont.) Fuel tank - Original Equipment MM122_FUELTANK_ORIG 122 (cont.) Fuel tank - Original Equipment MM122_FUELTANK_ORIG 122 (cont.) Grab rails/hand holds - Damaged in Crash MM122_HANDHOLDS_DMG 122 (cont.) Grab rails/hand holds - Modified MM122_HANDHOLDS_DMG 122 (cont.) Grab rails/hand holds - Modified MM122_HANDHOLDS_MOD			
120 (cont.) Side reflectors, silver - Equipped MM120_SIDEREFLECTORSIL_EQUIP 120 (cont.) Side reflectors, silver - Modified MM120_SIDEREFLECTORSIL_MOD 120 (cont.) Side reflectors, silver - Operational MM120_SIDEREFLECTORSIL_OPER 120 (cont.) Side reflectors, silver - Original Equipment MM120_SIDEREFLECTORSIL_ORIG MM121_FRAME_AFTMKT MM121_FRAME_AFTMKT 121 (cont.) Frame - Aftermarket MM121_FRAME_AFTMKT MM121_FRAME_DMG MM121_FRAME_DMG MM121_FRAME_DMG MM121_FRAME_DUIP MM121_FRAME_MOD MM121_FRAME_MOD MM121_FRAME_OPER MM121_FRAME_OPER MM121_FRAME_OPER MM121_FRAME_OPER MM121_FRAME_ORIG MM121_FRAME_ORIG MM121_FRAME_ORIG MM121_FRAME_ORIG MM121_FAME_ORIG MM122_FUELTANK_AFTMKT MM122_FUELTANK_AFTMKT MM122_FUELTANK_AFTMKT MM122_FUELTANK_EQUIP MM122_FUELTANK_ORIG MM122_FUEL			MM120 SIDEREFLECTORSIL DMG
120 (cont.) Side reflectors, silver - Modified MM120_SIDEREFLECTORSIL_MOD 120 (cont.) Side reflectors, silver - Operational MM120_SIDEREFLECTORSIL_OPER 120 (cont.) Side reflectors, silver - Original Equipment MM120_SIDEREFLECTORSIL_ORIG 121			
120 (cont.) Side reflectors, silver - Operational MM120_SIDEREFLECTORSIL_OPER 120 (cont.) Side reflectors, silver - Original Equipment MM120_SIDEREFLECTORSIL_ORIG 121 Frame - Aftermarket MM121_FRAME_AFTMKT 121 (cont.) Frame - Damaged in Crash MM121_FRAME_DMG 121 (cont.) Frame - Equipped MM121_FRAME_EQUIP 121 (cont.) Frame - Modified MM121_FRAME_MOD 121 (cont.) Frame - Operational MM121_FRAME_OPER 121 (cont.) Frame - Original Equipment MM121_FRAME_ORIG 121 (cont.) Grab rails/hand holds - Aftermarket MM121_HANDHOLDS_AFTMKT 121 (cont.) Grab rails/hand holds - Equipped MM121_HANDHOLDS_EQUIP 121 (cont.) Grab rails/hand holds - Original Equipment MM121_HANDHOLDS_ORIG 122 Fuel tank - Aftermarket MM122_FUELTANK_AFTMKT 122 (cont.) Fuel tank - Equipped MM122_FUELTANK_EQUIP 122 (cont.) Fuel tank - Original Equipment MM122_FUELTANK_ORIG 122 (cont.) Grab rails/hand holds - Damaged in Crash MM122_HANDHOLDS_DMG 122 (cont.) Grab rails/hand holds - Modified MM122_HANDHOLDS_MOD			
120 (cont.)Side reflectors, silver - Original EquipmentMM120_SIDEREFLECTORSIL_ORIG121Frame - AftermarketMM121_FRAME_AFTMKT121 (cont.)Frame - Damaged in CrashMM121_FRAME_DMG121 (cont.)Frame - EquippedMM121_FRAME_EQUIP121 (cont.)Frame - ModifiedMM121_FRAME_MOD121 (cont.)Frame - OperationalMM121_FRAME_OPER121 (cont.)Frame - Original EquipmentMM121_FRAME_ORIG121 (cont.)Grab rails/hand holds - AftermarketMM121_HANDHOLDS_AFTMKT121 (cont.)Grab rails/hand holds - EquippedMM121_HANDHOLDS_EQUIP121 (cont.)Grab rails/hand holds - Original EquipmentMM121_HANDHOLDS_ORIG122Fuel tank - AftermarketMM122_FUELTANK_AFTMKT122 (cont.)Fuel tank - EquippedMM122_FUELTANK_EQUIP122 (cont.)Fuel tank - Original EquipmentMM122_FUELTANK_ORIG122 (cont.)Grab rails/hand holds - Damaged in CrashMM122_HANDHOLDS_DMG122 (cont.)Grab rails/hand holds - ModifiedMM122_HANDHOLDS_MOD	` ,		
121 Frame - Aftermarket MM121_FRAME_AFTMKT 121 (cont.) Frame - Damaged in Crash MM121_FRAME_DMG 121 (cont.) Frame - Equipped MM121_FRAME_EQUIP 121 (cont.) Frame - Modified MM121_FRAME_MOD 121 (cont.) Frame - Operational MM121_FRAME_OPER 121 (cont.) Frame - Original Equipment MM121_FRAME_ORIG 121 (cont.) Grab rails/hand holds - Aftermarket MM121_HANDHOLDS_AFTMKT 121 (cont.) Grab rails/hand holds - Equipped MM121_HANDHOLDS_EQUIP 121 (cont.) Grab rails/hand holds - Original Equipment MM121_HANDHOLDS_ORIG 122 Fuel tank - Aftermarket MM122_FUELTANK_AFTMKT 122 (cont.) Fuel tank - Equipped MM122_FUELTANK_EQUIP 122 (cont.) Fuel tank - Original Equipment MM122_FUELTANK_ORIG 122 (cont.) Grab rails/hand holds - Damaged in Crash MM122_HANDHOLDS_DMG 122 (cont.) Grab rails/hand holds - Modified MM122_HANDHOLDS_MOD			
121 (cont.) Frame - Damaged in Crash MM121_FRAME_DMG 121 (cont.) Frame - Equipped MM121_FRAME_EQUIP 121 (cont.) Frame - Modified MM121_FRAME_MOD 121 (cont.) Frame - Operational MM121_FRAME_OPER 121 (cont.) Frame - Original Equipment MM121_FRAME_ORIG 121 (cont.) Grab rails/hand holds - Aftermarket MM121_HANDHOLDS_AFTMKT 121 (cont.) Grab rails/hand holds - Equipped MM121_HANDHOLDS_EQUIP 121 (cont.) Grab rails/hand holds - Original Equipment MM121_HANDHOLDS_ORIG 122 Fuel tank - Aftermarket MM122_FUELTANK_AFTMKT 122 (cont.) Fuel tank - Equipped MM122_FUELTANK_EQUIP 122 (cont.) Fuel tank - Original Equipment MM122_FUELTANK_ORIG 122 (cont.) Grab rails/hand holds - Damaged in Crash MM122_HANDHOLDS_DMG 122 (cont.) Grab rails/hand holds - Modified MM122_HANDHOLDS_MOD	, ,		
121 (cont.) Frame - Equipped MM121_FRAME_EQUIP 121 (cont.) Frame - Modified MM121_FRAME_MOD 121 (cont.) Frame - Operational MM121_FRAME_OPER 121 (cont.) Frame - Original Equipment MM121_FRAME_ORIG 121 (cont.) Grab rails/hand holds - Aftermarket MM121_HANDHOLDS_AFTMKT 121 (cont.) Grab rails/hand holds - Equipped MM121_HANDHOLDS_EQUIP 121 (cont.) Grab rails/hand holds - Original Equipment MM121_HANDHOLDS_ORIG 122 Fuel tank - Aftermarket MM122_FUELTANK_AFTMKT 122 (cont.) Fuel tank - Equipped MM122_FUELTANK_EQUIP 122 (cont.) Fuel tank - Original Equipment MM122_FUELTANK_ORIG 122 (cont.) Grab rails/hand holds - Damaged in Crash MM122_HANDHOLDS_DMG 122 (cont.) Grab rails/hand holds - Modified MM122_HANDHOLDS_MOD			
121 (cont.) Frame - Modified MM121_FRAME_MOD 121 (cont.) Frame - Operational MM121_FRAME_OPER 121 (cont.) Frame - Original Equipment MM121_FRAME_ORIG 121 (cont.) Grab rails/hand holds - Aftermarket MM121_HANDHOLDS_AFTMKT 121 (cont.) Grab rails/hand holds - Equipped MM121_HANDHOLDS_EQUIP 121 (cont.) Grab rails/hand holds - Original Equipment MM121_HANDHOLDS_ORIG 122 Fuel tank - Aftermarket MM122_FUELTANK_AFTMKT 122 (cont.) Fuel tank - Equipped MM122_FUELTANK_EQUIP 122 (cont.) Fuel tank - Original Equipment MM122_FUELTANK_ORIG 122 (cont.) Grab rails/hand holds - Damaged in Crash MM122_HANDHOLDS_DMG 122 (cont.) Grab rails/hand holds - Modified MM122_HANDHOLDS_MOD			
121 (cont.)Frame - OperationalMM121_FRAME_OPER121 (cont.)Frame - Original EquipmentMM121_FRAME_ORIG121 (cont.)Grab rails/hand holds - AftermarketMM121_HANDHOLDS_AFTMKT121 (cont.)Grab rails/hand holds - EquippedMM121_HANDHOLDS_EQUIP121 (cont.)Grab rails/hand holds - Original EquipmentMM121_HANDHOLDS_ORIG122Fuel tank - AftermarketMM122_FUELTANK_AFTMKT122 (cont.)Fuel tank - EquippedMM122_FUELTANK_EQUIP122 (cont.)Fuel tank - Original EquipmentMM122_FUELTANK_ORIG122 (cont.)Grab rails/hand holds - Damaged in CrashMM122_HANDHOLDS_DMG122 (cont.)Grab rails/hand holds - ModifiedMM122_HANDHOLDS_MOD		* **	
121 (cont.)Frame - Original EquipmentMM121_FRAME_ORIG121 (cont.)Grab rails/hand holds - AftermarketMM121_HANDHOLDS_AFTMKT121 (cont.)Grab rails/hand holds - EquippedMM121_HANDHOLDS_EQUIP121 (cont.)Grab rails/hand holds - Original EquipmentMM121_HANDHOLDS_ORIG122Fuel tank - AftermarketMM122_FUELTANK_AFTMKT122 (cont.)Fuel tank - EquippedMM122_FUELTANK_EQUIP122 (cont.)Fuel tank - Original EquipmentMM122_FUELTANK_ORIG122 (cont.)Grab rails/hand holds - Damaged in CrashMM122_HANDHOLDS_DMG122 (cont.)Grab rails/hand holds - ModifiedMM122_HANDHOLDS_MOD			
121 (cont.)Grab rails/hand holds - AftermarketMM121_HANDHOLDS_AFTMKT121 (cont.)Grab rails/hand holds - EquippedMM121_HANDHOLDS_EQUIP121 (cont.)Grab rails/hand holds - Original EquipmentMM121_HANDHOLDS_ORIG122Fuel tank - AftermarketMM122_FUELTANK_AFTMKT122 (cont.)Fuel tank - EquippedMM122_FUELTANK_EQUIP122 (cont.)Fuel tank - Original EquipmentMM122_FUELTANK_ORIG122 (cont.)Grab rails/hand holds - Damaged in CrashMM122_HANDHOLDS_DMG122 (cont.)Grab rails/hand holds - ModifiedMM122_HANDHOLDS_MOD	· ·		
121 (cont.)Grab rails/hand holds - EquippedMM121_HANDHOLDS_EQUIP121 (cont.)Grab rails/hand holds - Original EquipmentMM121_HANDHOLDS_ORIG122Fuel tank - AftermarketMM122_FUELTANK_AFTMKT122 (cont.)Fuel tank - EquippedMM122_FUELTANK_EQUIP122 (cont.)Fuel tank - Original EquipmentMM122_FUELTANK_ORIG122 (cont.)Grab rails/hand holds - Damaged in CrashMM122_HANDHOLDS_DMG122 (cont.)Grab rails/hand holds - ModifiedMM122_HANDHOLDS_MOD			
121 (cont.)Grab rails/hand holds - Original EquipmentMM121_HANDHOLDS_ORIG122Fuel tank - AftermarketMM122_FUELTANK_AFTMKT122 (cont.)Fuel tank - EquippedMM122_FUELTANK_EQUIP122 (cont.)Fuel tank - Original EquipmentMM122_FUELTANK_ORIG122 (cont.)Grab rails/hand holds - Damaged in CrashMM122_HANDHOLDS_DMG122 (cont.)Grab rails/hand holds - ModifiedMM122_HANDHOLDS_MOD	. ,		
122Fuel tank - AftermarketMM122_FUELTANK_AFTMKT122 (cont.)Fuel tank - EquippedMM122_FUELTANK_EQUIP122 (cont.)Fuel tank - Original EquipmentMM122_FUELTANK_ORIG122 (cont.)Grab rails/hand holds - Damaged in CrashMM122_HANDHOLDS_DMG122 (cont.)Grab rails/hand holds - ModifiedMM122_HANDHOLDS_MOD			
122 (cont.)Fuel tank - EquippedMM122_FUELTANK_EQUIP122 (cont.)Fuel tank - Original EquipmentMM122_FUELTANK_ORIG122 (cont.)Grab rails/hand holds - Damaged in CrashMM122_HANDHOLDS_DMG122 (cont.)Grab rails/hand holds - ModifiedMM122_HANDHOLDS_MOD			
122 (cont.) Fuel tank - Original Equipment MM122_FUELTANK_ORIG 122 (cont.) Grab rails/hand holds - Damaged in Crash MM122_HANDHOLDS_DMG 122 (cont.) Grab rails/hand holds - Modified MM122_HANDHOLDS_MOD	122 (cont.)		
122 (cont.)Grab rails/hand holds - Damaged in CrashMM122_HANDHOLDS_DMG122 (cont.)Grab rails/hand holds - ModifiedMM122_HANDHOLDS_MOD			
122 (cont.) Grab rails/hand holds - Modified MM122_HANDHOLDS_MOD			

Number Natilatory fuel tank - Aftermarket Auxiliary fuel tank - Aftermarket Auxiliary fuel tank - Aftermarket Auxiliary fuel tank - Equipped MM123 AUXPUELTANK, AFTMKT 123 (cont.)	Variable		
123 (cont.) Auxiliary fuel tank - Anternarket 123 (cont.) Auxiliary fuel tank - Equipped 123 (cont.) Auxiliary fuel tank - Original Equipment 123 (cont.) Fault tank - Darmaged in Crash 123 (cont.) Fault tank - Darmaged in Crash 123 (cont.) Fuel tank - Modified 124 (cont.) Fuel tank - Modified 125 (cont.) Fuel tank - Operational 126 (cont.) Fuel tank - Operational 127 (cont.) Fuel tank - Modified 128 (cont.) Fuel tank - Modified 129 (cont.) Auxiliary fuel tank - Darmaged in Crash 129 (cont.) Auxiliary fuel tank - Modified 120 (cont.) Auxiliary fuel tank - Operational 121 (cont.) Auxiliary fuel tank - Operational 122 (cont.) Auxiliary fuel tank - Operational 123 (cont.) Auxiliary fuel tank - Operational 124 (cont.) Motor crankcase, cylinders - Equipped 124 (cont.) Motor crankcase, cylinders - Equipped 125 (cont.) Motor crankcase, cylinders - Equipped 126 (cont.) Motor crankcase, cylinders - Equipped 127 (cont.) Motor crankcase, cylinders - Darmaged in Crash 128 (cont.) Motor crankcase, cylinders - Darmaged in Crash 129 (cont.) Motor crankcase, cylinders - Darmaged in Crash 120 (cont.) Motor crankcase, cylinders - Darmaged in Crash 120 (cont.) Motor crankcase, cylinders - Darmaged in Crash 121 (cont.) Motor crankcase, cylinders - Darmaged in Crash 122 (cont.) Motor crankcase, cylinders - Darmaged in Crash 123 (cont.) Radiator - Anternarket 124 (cont.) Radiator - Anternarket 125 (cont.) Radiator - Anternarket 125 (cont.) Radiator - Managed in Crash 126 (cont.) Radiator - Managed in Crash 127 (cont.) Radiator - Operational 128 (cont.) Radiator - Operational 129 (cont.) Radiator - Operational 120 (cont.) Radiator - Operational 121 (cont.) Radiator - Operational 122 (cont.) Radiator - Operational 123 (cont.) Radiator - Operational 124 (cont.) Radiator - Operational 125 (cont.) Radiator - Operational 126 (cont.) Water hose - Faquipped 127 (cont.) Motor power enhancement - Equipped 128 (cont.) Motor power enhancement - Operational 129 (cont.) Motor power enhancement - Operational 120 (cont.) Motor power enhancement - Op		Variable	SAS® and Excel TM Name
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127 (cont.) Motor power enhancement - Equipped MM127_POWERENHANCED_EQUIP 127 (cont.) Motor power enhancement - Modified MM127_POWERENHANCED_MOD 127 (cont.) Motor power enhancement - Operational MM127_POWERENHANCED_OPER 127 (cont.) Motor power enhancement - Operational MM127_POWERENHANCED_ORIG 128 Transmission case - Aftermarket MM128_TRANSMISSIONCASE_AFTMKT 128 (cont.) Transmission case - Damaged in Crash MM128_TRANSMISSIONCASE_AFTMKT 128 (cont.) Transmission case - Equipped MM128_TRANSMISSIONCASE_DMG MM128_TRANSMISSIONCASE_DMG MM128_TRANSMISSIONCASE_DMG MM128_TRANSMISSIONCASE_MOD 128 (cont.) Transmission case - Modified MM128_TRANSMISSIONCASE_MOD 128 (cont.) Transmission case - Operational MM128_TRANSMISSIONCASE_OPER 129 Battery, battery box - Aftermarket MM129_BATTERY_AFTMKT 129 (cont.) Battery, battery box - Equipped MM129_BATTERY_AFTMKT 129 (cont.) Battery, battery box - Equipped MM129_BATTERY_CRIG MM129_BATTERY_CRIG 129 (cont.) Oil tank - Aftermarket MM129_DILTANK_AFTMKT 129 (cont.) Oil tank - Damaged in Crash MM129_OILTANK_DMG 129 (cont.) Oil tank - Modified MM129_OILTANK_DMG 129 (cont.) Oil tank - Operational MM129_OILTANK_OPER 129 (cont.) Oil tank - Operational MM129_OILTANK_OPER 129 (cont.) Oil tank - Operational MM129_OILTANK_OPER 130 (cont.) Battery, battery box - Damaged in Crash MM130_BATTERY_MOD 130 (cont.) Battery, battery box - Operational MM130_BATTERY_DOPER 130 (cont.) Battery, battery box - Operational MM130_BATTERY_OPER 130 (cont.) Rear brake pedal - Aftermarket MM130_REARBRAKEPEDAL_DMG 131 (cont.) Rear brake pedal - Original Equipment MM131_REARBRAKEPEDAL_DMG 131 (cont.) Rear brake pedal - Original Equipment MM131_REARBRAKEPEDAL_DMG 131 (cont.) Rear brake pedal - Operational MM131_REARBRAKEPEDAL_DER 131 (cont.) Rear brake pedal - Operational MM131_REARBRAKEPEDAL_DER 131 (cont.) Rear brake pedal - Operational MM131_REARBRAKE			
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128 (cont.) Transmission case - Damaged in Crash MM128_TRANSMISSIONCASE_DMG 128 (cont.) Transmission case - Equipped MM128_TRANSMISSIONCASE_EQUIP 128 (cont.) Transmission case - Modified MM128_TRANSMISSIONCASE_MOD 128 (cont.) Transmission case - Operational MM128_TRANSMISSIONCASE_OPER 128 (cont.) Transmission case - Original Equipment MM128_TRANSMISSIONCASE_ORIG 129 Battery, battery box - Aftermarket MM128_TRANSMISSIONCASE_ORIG 129 Battery, battery box - Equipped MM129_BATTERY_AFTMKT 129 (cont.) Battery, battery box - Equipped MM129_BATTERY_EQUIP 129 (cont.) Oil tank - Aftermarket MM129_BATTERY_ORIG 129 (cont.) Oil tank - Damaged in Crash MM129_OILTANK_DMG 129 (cont.) Oil tank - Equipped MM129_OILTANK_DMG 129 (cont.) Oil tank - Modified MM129_OILTANK_MOD 129 (cont.) Oil tank - Operational MM129_OILTANK_ORIG 130 Battery, battery box - Damaged in Crash MM129_OILTANK_ORIG 130 Battery, battery box - Damaged in Crash MM130_BATTERY_DMG 130 (cont.) Battery, battery box - Modified MM130_BATTERY_DMG 130 (cont.) Battery, battery box - Operational MM130_BATTERY_OPER 130 (cont.) Rear brake pedal - Aftermarket MM130_REARBRAKEPEDAL_AFTMKT 130 (cont.) Rear brake pedal - Damaged in Crash MM130_REARBRAKEPEDAL_ORIG 131 (cont.) Rear brake pedal - Damaged in Crash MM131_REARBRAKEPEDAL_DMG 131 (cont.) Rear brake pedal - Domaged in Crash MM131_REARBRAKEPEDAL_DOMG 131 (cont.) Rear brake pedal - Domaged in Crash MM131_REARBRAKEPEDAL_DOPER 131 (cont.) Rear brake pedal - Operational MM131_REARBRAKEPEDAL_OPER 131 (cont.) Rear brake pedal - Operational MM131_REARBRAKEPEDAL_OPER 131 (cont.) Rear brake pedal - Operational MM131_REARBRAKEPEDAL_OPER 131 (cont.) Shift lever - Aftermarket MM131_SHIFTLEVER_AFTMKT			
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129 (cont.)Battery, battery box - Original EquipmentMM129_BATTERY_ORIG129 (cont.)Oil tank - AftermarketMM129_OILTANK_AFTMKT129 (cont.)Oil tank - Damaged in CrashMM129_OILTANK_DMG129 (cont.)Oil tank - EquippedMM129_OILTANK_EQUIP129 (cont.)Oil tank - ModifiedMM129_OILTANK_MOD129 (cont.)Oil tank - OperationalMM129_OILTANK_OPER129 (cont.)Oil tank - Original EquipmentMM129_OILTANK_ORIG130Battery, battery box - Damaged in CrashMM130_BATTERY_DMG130 (cont.)Battery, battery box - ModifiedMM130_BATTERY_OPER130 (cont.)Battery, battery box - OperationalMM130_BATTERY_OPER130 (cont.)Rear brake pedal - AftermarketMM130_REARBRAKEPEDAL_AFTMKT130 (cont.)Rear brake pedal - EquippedMM130_REARBRAKEPEDAL_EQUIP130 (cont.)Rear brake pedal - Original EquipmentMM130_REARBRAKEPEDAL_ORIG131Rear brake pedal - Damaged in CrashMM131_REARBRAKEPEDAL_DMG131 (cont.)Rear brake pedal - ModifiedMM131_REARBRAKEPEDAL_MOD131 (cont.)Rear brake pedal - OperationalMM131_REARBRAKEPEDAL_OPER131 (cont.)Shift lever - AftermarketMM131_SHIFTLEVER_AFTMKT			MM129_BATTERY_AFTMKT
129 (cont.)Battery, battery box - Original EquipmentMM129_BATTERY_ORIG129 (cont.)Oil tank - AftermarketMM129_OILTANK_AFTMKT129 (cont.)Oil tank - Damaged in CrashMM129_OILTANK_DMG129 (cont.)Oil tank - EquippedMM129_OILTANK_EQUIP129 (cont.)Oil tank - ModifiedMM129_OILTANK_MOD129 (cont.)Oil tank - OperationalMM129_OILTANK_OPER129 (cont.)Oil tank - Original EquipmentMM129_OILTANK_ORIG130Battery, battery box - Damaged in CrashMM130_BATTERY_DMG130 (cont.)Battery, battery box - ModifiedMM130_BATTERY_OPER130 (cont.)Battery, battery box - OperationalMM130_BATTERY_OPER130 (cont.)Rear brake pedal - AftermarketMM130_REARBRAKEPEDAL_AFTMKT130 (cont.)Rear brake pedal - EquippedMM130_REARBRAKEPEDAL_EQUIP130 (cont.)Rear brake pedal - Original EquipmentMM130_REARBRAKEPEDAL_ORIG131Rear brake pedal - Damaged in CrashMM131_REARBRAKEPEDAL_DMG131 (cont.)Rear brake pedal - ModifiedMM131_REARBRAKEPEDAL_MOD131 (cont.)Rear brake pedal - OperationalMM131_REARBRAKEPEDAL_OPER131 (cont.)Shift lever - AftermarketMM131_SHIFTLEVER_AFTMKT	129 (cont.)	Battery, battery box - Equipped	MM129_BATTERY_EQUIP
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129 (cont.)Oil tank - EquippedMM129_OILTANK_EQUIP129 (cont.)Oil tank - ModifiedMM129_OILTANK_MOD129 (cont.)Oil tank - OperationalMM129_OILTANK_OPER129 (cont.)Oil tank - Original EquipmentMM129_OILTANK_ORIG130Battery, battery box - Damaged in CrashMM130_BATTERY_DMG130 (cont.)Battery, battery box - ModifiedMM130_BATTERY_MOD130 (cont.)Battery, battery box - OperationalMM130_BATTERY_OPER130 (cont.)Rear brake pedal - AftermarketMM130_REARBRAKEPEDAL_AFTMKT130 (cont.)Rear brake pedal - EquippedMM130_REARBRAKEPEDAL_EQUIP130 (cont.)Rear brake pedal - Original EquipmentMM130_REARBRAKEPEDAL_ORIG131Rear brake pedal - Damaged in CrashMM131_REARBRAKEPEDAL_DMG131 (cont.)Rear brake pedal - ModifiedMM131_REARBRAKEPEDAL_MOD131 (cont.)Rear brake pedal - OperationalMM131_REARBRAKEPEDAL_OPER131 (cont.)Shift lever - AftermarketMM131_SHIFTLEVER_AFTMKT			
129 (cont.)Oil tank - ModifiedMM129_OILTANK_MOD129 (cont.)Oil tank - OperationalMM129_OILTANK_OPER129 (cont.)Oil tank - Original EquipmentMM129_OILTANK_ORIG130Battery, battery box - Damaged in CrashMM130_BATTERY_DMG130 (cont.)Battery, battery box - ModifiedMM130_BATTERY_MOD130 (cont.)Battery, battery box - OperationalMM130_BATTERY_OPER130 (cont.)Rear brake pedal - AftermarketMM130_REARBRAKEPEDAL_AFTMKT130 (cont.)Rear brake pedal - EquippedMM130_REARBRAKEPEDAL_EQUIP130 (cont.)Rear brake pedal - Original EquipmentMM130_REARBRAKEPEDAL_ORIG131Rear brake pedal - Damaged in CrashMM131_REARBRAKEPEDAL_DMG131 (cont.)Rear brake pedal - ModifiedMM131_REARBRAKEPEDAL_MOD131 (cont.)Rear brake pedal - OperationalMM131_REARBRAKEPEDAL_OPER131 (cont.)Shift lever - AftermarketMM131_SHIFTLEVER_AFTMKT	129 (cont.)		
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130Battery, battery box - Damaged in CrashMM130_BATTERY_DMG130 (cont.)Battery, battery box - ModifiedMM130_BATTERY_MOD130 (cont.)Battery, battery box - OperationalMM130_BATTERY_OPER130 (cont.)Rear brake pedal - AftermarketMM130_REARBRAKEPEDAL_AFTMKT130 (cont.)Rear brake pedal - EquippedMM130_REARBRAKEPEDAL_EQUIP130 (cont.)Rear brake pedal - Original EquipmentMM130_REARBRAKEPEDAL_ORIG131Rear brake pedal - Damaged in CrashMM131_REARBRAKEPEDAL_DMG131 (cont.)Rear brake pedal - ModifiedMM131_REARBRAKEPEDAL_MOD131 (cont.)Rear brake pedal - OperationalMM131_REARBRAKEPEDAL_OPER131 (cont.)Shift lever - AftermarketMM131_SHIFTLEVER_AFTMKT			MM129_OILTANK_ORIG
130 (cont.)Battery, battery box - OperationalMM130_BATTERY_OPER130 (cont.)Rear brake pedal - AftermarketMM130_REARBRAKEPEDAL_AFTMKT130 (cont.)Rear brake pedal - EquippedMM130_REARBRAKEPEDAL_EQUIP130 (cont.)Rear brake pedal - Original EquipmentMM130_REARBRAKEPEDAL_ORIG131Rear brake pedal - Damaged in CrashMM131_REARBRAKEPEDAL_DMG131 (cont.)Rear brake pedal - ModifiedMM131_REARBRAKEPEDAL_MOD131 (cont.)Rear brake pedal - OperationalMM131_REARBRAKEPEDAL_OPER131 (cont.)Shift lever - AftermarketMM131_SHIFTLEVER_AFTMKT	130	Battery, battery box - Damaged in Crash	
130 (cont.)Rear brake pedal - AftermarketMM130_REARBRAKEPEDAL_AFTMKT130 (cont.)Rear brake pedal - EquippedMM130_REARBRAKEPEDAL_EQUIP130 (cont.)Rear brake pedal - Original EquipmentMM130_REARBRAKEPEDAL_ORIG131Rear brake pedal - Damaged in CrashMM131_REARBRAKEPEDAL_DMG131 (cont.)Rear brake pedal - ModifiedMM131_REARBRAKEPEDAL_MOD131 (cont.)Rear brake pedal - OperationalMM131_REARBRAKEPEDAL_OPER131 (cont.)Shift lever - AftermarketMM131_SHIFTLEVER_AFTMKT	130 (cont.)		MM130_BATTERY_MOD
130 (cont.)Rear brake pedal - EquippedMM130_REARBRAKEPEDAL_EQUIP130 (cont.)Rear brake pedal - Original EquipmentMM130_REARBRAKEPEDAL_ORIG131Rear brake pedal - Damaged in CrashMM131_REARBRAKEPEDAL_DMG131 (cont.)Rear brake pedal - ModifiedMM131_REARBRAKEPEDAL_MOD131 (cont.)Rear brake pedal - OperationalMM131_REARBRAKEPEDAL_OPER131 (cont.)Shift lever - AftermarketMM131_SHIFTLEVER_AFTMKT	130 (cont.)	Battery, battery box - Operational	MM130_BATTERY_OPER
130 (cont.)Rear brake pedal - Original EquipmentMM130_REARBRAKEPEDAL_ORIG131Rear brake pedal - Damaged in CrashMM131_REARBRAKEPEDAL_DMG131 (cont.)Rear brake pedal - ModifiedMM131_REARBRAKEPEDAL_MOD131 (cont.)Rear brake pedal - OperationalMM131_REARBRAKEPEDAL_OPER131 (cont.)Shift lever - AftermarketMM131_SHIFTLEVER_AFTMKT	130 (cont.)	Rear brake pedal - Aftermarket	MM130_REARBRAKEPEDAL_AFTMKT
131Rear brake pedal - Damaged in CrashMM131_REARBRAKEPEDAL_DMG131 (cont.)Rear brake pedal - ModifiedMM131_REARBRAKEPEDAL_MOD131 (cont.)Rear brake pedal - OperationalMM131_REARBRAKEPEDAL_OPER131 (cont.)Shift lever - AftermarketMM131_SHIFTLEVER_AFTMKT	130 (cont.)		MM130_REARBRAKEPEDAL_EQUIP
131Rear brake pedal - Damaged in CrashMM131_REARBRAKEPEDAL_DMG131 (cont.)Rear brake pedal - ModifiedMM131_REARBRAKEPEDAL_MOD131 (cont.)Rear brake pedal - OperationalMM131_REARBRAKEPEDAL_OPER131 (cont.)Shift lever - AftermarketMM131_SHIFTLEVER_AFTMKT	130 (cont.)		MM130_REARBRAKEPEDAL_ORIG
131 (cont.) Rear brake pedal - Modified MM131_REARBRAKEPEDAL_MOD 131 (cont.) Rear brake pedal - Operational MM131_REARBRAKEPEDAL_OPER 131 (cont.) Shift lever - Aftermarket MM131_SHIFTLEVER_AFTMKT	131		
131 (cont.) Rear brake pedal - Operational MM131_REARBRAKEPEDAL_OPER 131 (cont.) Shift lever - Aftermarket MM131_SHIFTLEVER_AFTMKT	131 (cont.)		
131 (cont.) Shift lever - Aftermarket MM131_SHIFTLEVER_AFTMKT	131 (cont.)		
	131 (cont.)		
		Shift lever - Equipped	

Number	Variable		
131 (cont.) Shift lever - Original Equipment MM13_SHIPTLEVER_ORIG		Variable	SAS® and Excel TM Name
132 (cont.) Foot pegs, footrests - Ordenal Equipment			
132 (cont.) Foot pegs, footrests - Equipped			
132 (cont.) Foot pegs, footrests - Original Equipment MM132, FOOTTPEGS, ORIG			
132 (cont.) Shift lever - Damaged in Crash MM132, SHIFTLEVER, DMG 132 (cont.) Shift lever - Operational MM132, SHIFTLEVER, WIDD 133 (cont.) Shift lever - Operational MM132, SHIFTLEVER, OPER 133 Foot pegs, footrests - Damaged in Crash MM133 FOOTPEGS, DMG 133 (cont.) Foot pegs, footrests - Modified MM133, FOOTPEGS, MOD 133 (cont.) Foot pegs, footrests - Operational MM133, FOOTPEGS, MOD 133 (cont.) Highway pegs/footrests - Altermarket MM133, FOOTPEGS, OPER 133 (cont.) Highway pegs/footrests - Damaged in Crash MM133, FOOTRESTS, DMG 133 (cont.) Highway pegs/footrests - Modified MM133, FOOTRESTS, DWID 133 (cont.) Highway pegs/footrests - Modified MM133, FOOTRESTS, DWID 134 (cont.) Highway pegs/footrests - Operational MM133, FOOTRESTS, OPER 134 (cont.) Highway pegs/footrests - Original Equipment MM133, FOOTRESTS, OPER 134 (cont.) Side stand - Head of the State - Male of the State			
132 (cont.) Shift lever - Mothfied MM132_SHIFTLEVER_MODER			
Salif lever - Operational MM132 SHIFTLEVER, OPER			
133 Foot pegs, footrests - Damaged in Crash MM133 FOOTPEGS DMG 133 (cont.) Foot pegs, footrests - Operational MM133 FOOTPEGS OPER 133 (cont.) Foot pegs, footrests - Operational MM133 FOOTPEGS OPER 133 (cont.) Highway pegs/footrests - Operational MM133 FOOTRESTS DMG 133 (cont.) Highway pegs/footrests - Equipped MM133 FOOTRESTS DMG 133 (cont.) Highway pegs/footrests - Equipped MM133 FOOTRESTS DMG 133 (cont.) Highway pegs/footrests - Operational MM133 FOOTRESTS MOD 133 (cont.) Highway pegs/footrests - Operational MM133 FOOTRESTS MOD 133 (cont.) Highway pegs/footrests - Operational MM133 FOOTRESTS ORIG 134 (cont.) Highway pegs/footrests - Operational MM133 FOOTRESTS ORIG 134 (cont.) Side stand - Aftermarket MM134 FOOTRESTS ORIG 134 (cont.) Side stand - Damaged in Crash MM134 SIDESTAND AFTIMET 134 (cont.) Side stand - Damaged in Crash MM134 SIDESTAND DMG 134 (cont.) Side stand - Modified MM134 SIDESTAND DMG 134 (cont.) Side stand - Operational MM134 SIDESTAND DPR 135 (cont.) Side stand - Original Equipment MM134 SIDESTAND DPR 136 (cont.) Side stand interlock - Damaged in Crash MM134 SIDESTAND DPR 137 (cont.) Side stand interlock - Damaged in Crash MM135 SIDESTAND NETROCK AFTMET 135 (cont.) Side stand interlock - Damaged in Crash MM135 SIDESTANDINTERLOCK DR 136 (cont.) Side stand interlock - Original Equipment MM135 SIDESTANDINTERLOCK DR 136 (cont.) Side stand interlock - Original Equipment MM135 SIDESTANDINTERLOCK DR 136 (cont.) Side stand interlock - Original Equipment MM135 SIDESTANDINTERLOCK DR 137 (cont.) Side stand interlock - Original Equipment MM135 SIDESTANDINTERLOCK DR 138 (cont.) Center stand - Operational MM136 CENTERSTAND DR 137 (cont.) Center stand - Operational MM136 CENTERSTAND DR 137 (cont.) Muffler/exhaust system - Operational MM136 CENTERSTAND ORG 138 (cont.) Center stand - Operational MM	· ·		
133 (cont.)			
Foot pegs, footrests - Operational MMI33 FOOTRESTS, AFTMKT 133 (cont.) Highway pegs/footrests - Aftermarket MMI33 FOOTRESTS, DMG 133 (cont.) Highway pegs/footrests - Damaged in Crash MMI33 FOOTRESTS, DMG 133 (cont.) Highway pegs/footrests - Equipped MMI33 FOOTRESTS, DMG 133 (cont.) Highway pegs/footrests - Operational MMI33 FOOTRESTS, MOD 133 (cont.) Highway pegs/footrests - Operational MMI33 FOOTRESTS, DMG 134 (cont.) Highway pegs/footrests - Operational MMI33 FOOTRESTS, DMG 134 (cont.) Highway pegs/footrests - Operational MMI33 FOOTRESTS, DMG 134 (cont.) Highway pegs/footrests - Optimal Equipment MMI33 FOOTRESTS, DMG 134 (cont.) Side stand - Aftermarket MMI34 SIDESTAND DMG 134 (cont.) Side stand - Damaged in Crash MMI34 SIDESTAND DMG 134 (cont.) Side stand - Deparational MMI34 SIDESTAND DMG 134 (cont.) Side stand - Operational MMI34 SIDESTAND OPER 135 (cont.) Side stand - Original Equipment MMI34 SIDESTAND OPER 136 (cont.) Side stand interlock - Aftermarket MMI35 SIDESTANDINTERLOCK AFTMKT 135 (cont.) Side stand interlock - Damaged in Crash MMI35 SIDESTANDINTERLOCK MOD 135 (cont.) Side stand interlock - Modified MMI35 SIDESTANDINTERLOCK MOD 135 (cont.) Side stand interlock - Operational MMI35 SIDESTANDINTERLOCK MOD 136 (cont.) Side stand interlock - Operational MMI35 SIDESTANDINTERLOCK ORIG 136 (cont.) Side stand interlock - Operational MMI35 SIDESTANDINTERLOCK ORIG 136 (cont.) Side stand interlock - Operational MMI35 SIDESTANDINTERLOCK ORIG 137 (cont.) Side stand interlock - Operational MMI36 CENTERSTAND ORIG 136 (cont.) Center stand - Aftermarket MMI36 CENTERSTAND DMG 137 (cont.) MMIGREPARABAS SYSTEM - DEPARTMENT 138 (cont.) Center stand - Operational MMI36 CENTERSTAND ORIG 139 (cont.) Center stand - Operational MMI36 CENTERSTAND ORIG 131 (cont.) MMIGREPARABAS SYSTEM - OPERABAS SYSTEM - OPERABAS SYSTEM -			
133 (cont.) Highway pegs/foortests - Aftermarket			
133 (cont.) Highway pegs/foortests - Damaged in Crash MM133 - FOOTRESTS, DOUG	· ·		
133 (cont.)			
133 (cont.) Highway pegs/footrests - Operational MM133_FOOTRESTS_OPER 133 (cont.) Highway pegs/footrests - Operational MM133_FOOTRESTS_OPER 134 (cont.) Side stand - Aftermarket MM134_SIDESTAND_MG 134 (cont.) Side stand - Damaged in Crash MM134_SIDESTAND_MG 134 (cont.) Side stand - Modified MM134_SIDESTAND_MG 134 (cont.) Side stand - Modified MM134_SIDESTAND_MG 134 (cont.) Side stand - Operational MM134_SIDESTAND_MOD 134 (cont.) Side stand - Operational MM134_SIDESTAND_OPER 135 (cont.) Side stand - Operational MM134_SIDESTAND_OPER 136 (cont.) Side stand - Omerational MM134_SIDESTAND_OPER 137 (cont.) Side stand - Omerational MM134_SIDESTAND_OPER 138 (cont.) Side stand interlock - Aftermarket MM135_SIDESTANDINTERLOCK_AFIMKT 135 (cont.) Side stand interlock - Damaged in Crash MM135_SIDESTANDINTERLOCK_DMG 135 (cont.) Side stand interlock - Equipped MM135_SIDESTANDINTERLOCK_DMG 135 (cont.) Side stand interlock - Operational MM135_SIDESTANDINTERLOCK_MOD 136 (cont.) Side stand interlock - Operational MM135_SIDESTANDINTERLOCK_OPER 136 (cont.) Side stand interlock - Operational MM135_SIDESTANDINTERLOCK_OPER 136 (cont.) Side stand interlock - Operational MM136_CENTERSTAND_DMG 136 (cont.) Center stand - Aftermarket MM136_CENTERSTAND_DMG 136 (cont.) Center stand - Damaged in Crash MM136_CENTERSTAND_DMG 136 (cont.) Center stand - Department MM136_CENTERSTAND_DMG 137 (cont.) Center stand - Department MM136_CENTERSTAND_DMG 138 (cont.) Center stand - Operational MM136_CENTERSTAND_DMG 137 (cont.) Muffler/exhaust system - Fupipped MM136_CENTERSTAND_DMG 138 (cont.) Center stand - Operational MM136_CENTERSTAND_DMG 139 (cont.) Muffler/exhaust system - MM136_CENTERSTAND_DMG 131 (cont.) Muffler/exhaust system - MM136_CENTERSTAND_DMG 131 (cont.) Muffler/exhaust system - MM136_CENTERSTAND_DMG 131 (cont.) Muffler/exhaus	· ·		
133 (cont.) Highway pegs/footrests - Operational			
Highway pegs/footrests - Original Equipment MM133 - FOOTRESTS , ORIG			
134 Side stand - Aftermarket			
134 (cont.) Side stand - Damaged in Crash MM134_SIDESTAND_DMG 134 (cont.) Side stand - Equipped MM134_SIDESTAND_EQUIP 134 (cont.) Side stand - Modified MM134_SIDESTAND_DFIN 134 (cont.) Side stand - Operational MM134_SIDESTAND_OPER 135 (cont.) Side stand - Original Equipment MM134_SIDESTAND_OPER 135 (sont.) Side stand interlock - Aftermarket MM135_SIDESTANDINTERLOCK_AFIMKT 135 (cont.) Side stand interlock - Department MM135_SIDESTANDINTERLOCK_AFIMKT 135 (cont.) Side stand interlock - Equipped MM135_SIDESTANDINTERLOCK_EQUIP 136 (cont.) Side stand interlock - Modified MM135_SIDESTANDINTERLOCK_EQUIP 135 (cont.) Side stand interlock - Modified MM135_SIDESTANDINTERLOCK_EQUIP 136 (cont.) Side stand interlock - Operational MM135_SIDESTANDINTERLOCK_OPER 136 (cont.) Side stand interlock - Operational MM135_SIDESTANDINTERLOCK_OPER 136 (cont.) Side stand interlock - Original Equipment MM135_SIDESTANDINTERLOCK_OPER 136 (cont.) Center stand - Aftermarket MM136_CENTERSTAND_AFIMKT 136 (cont.) Center stand - Equipped MM136_CENTERSTAND_OPER 136 (cont.) Center stand - Operational MM136_CENTERSTAND_OPER 136 (cont.) Center stand - Operational MM136_CENTERSTAND_OPER 137 (cont.) Muffler/exhaust system - Managed in Crash MM136_CENTERSTAND_OPER 137 (cont.) Muffler/exhaust system - Damaged in Crash MM136_CENTERSTAND_OPER 137 (cont.) Muffler/exhaust system - Damaged in Crash MM137_EXHAUSTSYSTEM_AFIMKT 137 (cont.) Muffler/exhaust system - Modified MM137_EXHAUSTSYSTEM_OPER 137 (cont.) Muffler/exhaust system - Damaged in Crash MM137_EXHAUSTSYSTEM_OPER 137 (cont.) Muffler/exhaust system - Damaged in Crash MM137_EXHAUSTSYSTEM_OPER 137 (cont.) Muffler/exhaust system - Operational MM137_EXHAUSTSYSTEM_OPER 138 (cont.) Luggage/cargo rack - Aftermarket MM137_TANKBAG_OPER 139 (cont.) Luggage/cargo rack - Operational MM138_LUGGUAGE_OPUR 139 (c			
134 (cont.) Side stand - Modified MM134 SIDESTAND_MOD 134 (cont.) Side stand - Operational MM344 SIDESTAND_MOD 134 (cont.) Side stand - Operational MM344 SIDESTAND_OPER 135 (cont.) Side stand - Original Equipment MM134 SIDESTAND_ORIG 135 (cont.) Side stand interlock - Damaged in Crash MM135 SIDESTANDINTERLOCK_APTMKT 135 (cont.) Side stand interlock - Damaged in Crash MM135 SIDESTANDINTERLOCK_DMG 135 (cont.) Side stand interlock - Equipped MM135 SIDESTANDINTERLOCK_DMG 136 (cont.) Side stand interlock - Operational MM135 SIDESTANDINTERLOCK_MOD 137 (cont.) Side stand interlock - Operational MM135 SIDESTANDINTERLOCK_OR 136 (cont.) Side stand interlock - Operational MM135 SIDESTANDINTERLOCK_OR 136 (cont.) Side stand interlock - Original Equipment MM135 SIDESTANDINTERLOCK_OR 136 (cont.) Side stand interlock - Original Equipment MM135 SIDESTANDINTERLOCK_OR 136 (cont.) Center stand - Altermarket MM136 CENTERSTAND_AFTMKT 136 (cont.) Center stand - Damaged in Crash MM136 CENTERSTAND_DMG 136 (cont.) Center stand - Modified MM136 CENTERSTAND_DOB 136 (cont.) Center stand - Operational MM136 CENTERSTAND_OPER 137 (cont.) Center stand - Operational MM136 CENTERSTAND_OPER 137 (cont.) Muffler/exhaust system - Aftermarket MM137 EXHAUSTSYSTEM_AFTMKT 137 (cont.) Muffler/exhaust system - Damaged in Crash MM137 EXHAUSTSYSTEM_EQUIP 137 (cont.) Muffler/exhaust system - Damaged in Crash MM137 EXHAUSTSYSTEM_GOUR 137 (cont.) Muffler/exhaust system - Operational MM137 EXHAUSTSYSTEM_ODD 137 (cont.) Muffler/exhaust system - Operational MM137 EXHAUSTSYSTEM_GOUR 138 (cont.) Tank bag - Aftermarket MM137 TANKBAG EQUIP 139 (cont.) Tank bag - Operational MM138 LUGGUAGE AFTMKT 138 (cont.) Tank bag - Operational MM138 LUGGUAGE DOPER 139 (cont.) Luggage/cargo rack - Aftermarket MM139 PARCELRACK_DOPER 139 (cont.) Luggage/cargo rack - Modified			
134 (cont.) Side stand - Modified MM134_SIDESTAND_MOD 134 (cont.) Side stand - Operational MM134_SIDESTAND_OPER 136 (cont.) Side stand interlock - Aftermarket MM135_SIDESTAND_INTERLOCK_AFTMKT 135 (cont.) Side stand interlock - Damaged in Crash MM135_SIDESTANDINTERLOCK_DMG 135 (cont.) Side stand interlock - Equipped MM135_SIDESTANDINTERLOCK_DMG 135 (cont.) Side stand interlock - Modified MM135_SIDESTANDINTERLOCK_DMG 135 (cont.) Side stand interlock - Modified MM135_SIDESTANDINTERLOCK_ORD 136 (cont.) Side stand interlock - Operational MM135_SIDESTANDINTERLOCK_ORG 136 (cont.) Side stand interlock - Operational MM135_SIDESTANDINTERLOCK_ORG 136 (cont.) Side stand interlock - Operational MM135_CENTERSTAND_AFTMKT 136 (cont.) Center stand - Aftermarket MM136_CENTERSTAND_AFTMKT 136 (cont.) Center stand - Equipped MM136_CENTERSTAND_DMG 136 (cont.) Center stand - Equipped MM136_CENTERSTAND_OPER 136 (cont.) Center stand - Operational MM136_CENTERSTAND_OPER 136 (cont.) Center stand - Operational MM136_CENTERSTAND_OPER 137 (cont.) Center stand - Operational MM136_CENTERSTAND_OPER 137 (cont.) Muffler/exhaust system - Adermarket MM137_EXHAUSTSYSTEM_AFTMKT 137 (cont.) Muffler/exhaust system - Damaged in Crash MM137_EXHAUSTSYSTEM_AFTMKT 137 (cont.) Muffler/exhaust system - Operational MM137_EXHAUSTSYSTEM_MOD 137 (cont.) Muffler/exhaust system - Operational MM137_EXHAUSTSYSTEM_MOD 137 (cont.) Muffler/exhaust system - Operational MM137_EXHAUSTSYSTEM_OPER 137 (cont.) Muffler/exhaust system - Operational MM137_EXHAUSTSYSTEM_OPER 138 (cont.) Tank bag - Aftermarket MM137_EXHAUSTSYSTEM_OPER 139 (cont.) Tank bag - Operational MM138_LUGGUAGE_AFTMKT 139 (cont.) Tank bag - Operational MM138_LUGGUAGE_AGD 138 (cont.) Tank bag - Operational MM138_LUGGUAGE_DOPER 139 (cont.) Tank bag - Operational MM139_PARCELRACK_AFTMKT 139 (cont			
134 (cont.) Side stand - Operational MM134_SIDESTAND_OPER 135	, ,		
135 Side stand - Original Equipment	· ·		
135 Side stand interlock - Aftermarket MM135_SIDESTANDINTERLOCK_AFTMKT 135 (cont.) Side stand interlock - Fauipped MM135_SIDESTANDINTERLOCK_DMG 135 (cont.) Side stand interlock - Fauipped MM135_SIDESTANDINTERLOCK_DUIP 135 (cont.) Side stand interlock - Modified MM135_SIDESTANDINTERLOCK_MOD 135 (cont.) Side stand interlock - Operational MM135_SIDESTANDINTERLOCK_OPER 136 (cont.) Side stand interlock - Original Equipment MM135_SIDESTANDINTERLOCK_OPER 136 (cont.) Side stand interlock - Original Equipment MM135_SIDESTANDINTERLOCK_OPER 136 (cont.) Center stand - Aftermarket MM136_CENTERSTAND_AFTMKT 136 (cont.) Center stand - Damaged in Crash MM136_CENTERSTAND_AFTMKT 136 (cont.) Center stand - Damaged in Crash MM136_CENTERSTAND_EQUIP 136 (cont.) Center stand - Modified MM136_CENTERSTAND_EQUIP 136 (cont.) Center stand - Original Equipment MM136_CENTERSTAND_OPER 136 (cont.) Center stand - Original Equipment MM136_CENTERSTAND_OPER MM137_CENTERSTAND_OPER MM138_	· ·		
135 (cont.) Side stand interlock - Damaged in Crash MM135_SIDESTANDINTERLOCK_DMG 135 (cont.) Side stand interlock - Equipped MM135_SIDESTANDINTERLOCK_QUIP 135 (cont.) Side stand interlock - Modified MM135_SIDESTANDINTERLOCK_OPER 135 (cont.) Side stand interlock - Operational MM135_SIDESTANDINTERLOCK_OPER 135 (cont.) Side stand interlock - Original Equipment MM135_SIDESTANDINTERLOCK_OPER 136 (cont.) Side stand interlock - Original Equipment MM135_SIDESTANDINTERLOCK_OPER 136 (cont.) Center stand - Aftermarket MM136_CENTERSTAND_AFTMKT 136 (cont.) Center stand - Damaged in Crash MM136_CENTERSTAND_AFTMKT 136 (cont.) Center stand - Equipped MM136_CENTERSTAND_EQUIP MM136_CENTERSTAND_EQUIP MM136_CENTERSTAND_DOD MM136_CENTERSTAND_OPER MM136_CENTERSTAND_OPER MM136_CENTERSTAND_OPER MM136_CENTERSTAND_OPER MM136_CENTERSTAND_OPER MM136_CENTERSTAND_OPER MM136_CENTERSTAND_OPER MM136_CENTERSTAND_OPER MM137_CENTERSTAND_OPER MM137_CENTERSTAND_OPER		U II	
135 (cont.) Side stand interlock - Equipped MM135_SIDESTANDINTERLOCK_EQUIP 135 (cont.) Side stand interlock - Operational MM135_SIDESTANDINTERLOCK_OPER 135 (cont.) Side stand interlock - Operational MM135_SIDESTANDINTERLOCK_OPER 136 (cont.) Side stand interlock - Original Equipment MM135_SIDESTANDINTERLOCK_ORIG 136 (cont.) Center stand - Aftermarket MM136_CENTERSTAND_AFTMKT 136 (cont.) Center stand - Amanged in Crash MM136_CENTERSTAND_AFTMKT 136 (cont.) Center stand - Equipped MM136_CENTERSTAND_EQUIP 136 (cont.) Center stand - Modified MM136_CENTERSTAND_MOD MM136_CENTERSTAND_MOD MM136_CENTERSTAND_OPER 136 (cont.) Center stand - Operational MM36_CENTERSTAND_OPER 136 (cont.) Center stand - Original Equipment MM136_CENTERSTAND_ORIG MM137_EXHAUSTSYSTEM_AFTMKT MM137_EXHAUSTSYSTEM_OPER MM137_CONT.) Muffler/exhaust system - Operational MM137_EXHAUSTSYSTEM_OPER MM137_CONT.) Muffler/exhaust system - Original Equipment MM137_EXHAUSTSYSTEM_OPER MM137_CONT.) Muffler/exhaust system - Original Equipment MM137_EXHAUSTSYSTEM_OPER MM137_CONT.) MM137_EXHAUSTSYSTEM_OPER MM137_TANKBAG_AFTMKT MM137_TANKBAG_ORIG MM137_TANKBAG_ORIG MM137_TANKBAG_ORIG MM138_LUGGUAGE_EQUIP MM139_LUGGUAGE_EQUIP MM139_LUGG			
135 (cont.) Side stand interlock - Modified MM135_SIDESTANDINTERLOCK_MOD 135 (cont.) Side stand interlock - Operational MM135_SIDESTANDINTERLOCK_ORIG 136 (cont.) Side stand interlock - Original Equipment MM135_SIDESTANDINTERLOCK_ORIG 136 Center stand - Aftermarket MM136_CENTERSTAND_AFTMKT 136 (cont.) Center stand - Damaged in Crash MM136_CENTERSTAND_DMG 136 (cont.) Center stand - Equipped MM136_CENTERSTAND_DMG MM136_CENTERSTAND_DMG MM136_CENTERSTAND_DMG MM136_CENTERSTAND_MOD 136 (cont.) Center stand - Modified MM136_CENTERSTAND_OPER MM137_EXHAUSTSYSTEM_AFTMKT MM137_EXHAUSTSYSTEM_AFTMKT MM137_EXHAUSTSYSTEM_AFTMKT MM137_EXHAUSTSYSTEM_AFTMKT MM137_EXHAUSTSYSTEM_AFTMKT MM137_EXHAUSTSYSTEM_AFTMKT MM137_EXHAUSTSYSTEM_OPER MM137_EXHAUSTSYSTEM_OPER MM137_EXHAUSTSYSTEM_OPER MM137_EXHAUSTSYSTEM_OPER MM137_EXHAUSTSYSTEM_OPER MM137_CONT.) Muffler/exhaust system - Operational MM137_EXHAUSTSYSTEM_OPER MM137_CONT.) Tank bag - Aftermarket MM137_TANKBAG_AFTMKT MM137_CONT.) Tank bag - Aftermarket MM137_TANKBAG_AFTMKT MM138_LUGGUAGE_AFTMKT MM138_LUGGUAGE_AFTMKT MM138_LUGGUAGE_AFTMKT MM138_LUGGUAGE_AFTMKT MM138_LUGGUAGE_AFTMKT MM138_LUGGUAGE_AFTMKT MM138_LUGGUAGE_AFTMKT MM138_CONT.) Tank bag - Operational MM138_TANKBAG_MOD MM139_LUGGUAGE_DPER MM139_PARCELRACK_AFTMKT MM139_PARCELRACK_AFTMKT MM139_PARCELRACK_AFTMKT MM140_PARCELRACK_DPER MM140_PARCELRACK_DPER MM140_PARCELRACK_DPE			
135 (cont.) Side stand interlock - Operational MM135_SIDESTANDINTERLOCK_OPER 135 (cont.) Side stand interlock - Original Equipment MM135_SIDESTANDINTERLOCK_ORIG 136 (cont.) Center stand - Aftermarket MM136_CENTERSTAND_AFTMKT 136 (cont.) Center stand - Damaged in Crash MM136_CENTERSTAND_DMG 136 (cont.) Center stand - Equipped MM136_CENTERSTAND_DMG 136 (cont.) Center stand - Modified MM136_CENTERSTAND_OPUP 136 (cont.) Center stand - Operational MM136_CENTERSTAND_OPER 136 (cont.) Center stand - Operational MM136_CENTERSTAND_OPER 137 (cont.) Center stand - Original Equipment MM136_CENTERSTAND_OPER 137 (cont.) Muffler/exhaust system - Aftermarket MM137_EXHAUSTSYSTEM_AFTMKT 137 (cont.) Muffler/exhaust system - Denamed in Crash MM137_EXHAUSTSYSTEM_AFTMKT 137 (cont.) Muffler/exhaust system - Equipped MM137_EXHAUSTSYSTEM_DMG 137 (cont.) Muffler/exhaust system - Operational MM137_EXHAUSTSYSTEM_OPER 137 (cont.) Muffler/exhaust system - Original Equipment MM137_EXHAUSTSYSTEM_OPER 137 (cont.) Muffler/exhaust system - Original Equipment MM137_EXHAUSTSYSTEM_OPER 137 (cont.) Tank bag - Aftermarket MM137_TANKBAG_AFTMKT 137 (cont.) Tank bag - Aftermarket MM137_TANKBAG_AFTMKT 137 (cont.) Tank bag - Original Equipment MM137_TANKBAG_ORIG 138 Luggage/cargo rack - Aftermarket MM138_LUGGUAGE_AFTMKT 138 (cont.) Luggage/cargo rack - Equipped MM138_LUGGUAGE_AFTMKT 138 (cont.) Luggage/cargo rack - Original Equipment MM138_LUGGUAGE_ORIG 138 (cont.) Tank bag - Operational MM138_TANKBAG_ODMG 138 (cont.) Tank bag - Operational MM138_TANKBAG_DMG 138 (cont.) Tank bag - Operational MM138_TANKBAG_DMG 139 (cont.) Luggage/cargo rack - Modified MM139_LUGGUAGE_OPER 139 (cont.) Luggage/cargo rack - Modified MM139_LUGGUAGE_OPER 139 (cont.) Parcel rack - Aftermarket MM139_PARCELRACK_OMG MM140_PARCELRACK_DMG MM140_PARCELRACK_DMG MM140_PARCELRACK_DMG MM140_PARCELRACK_DMG MM140_PARCELRAC			
136 Center stand - Aftermarket			
136 Center stand - Aftermarket MM136_CENTERSTAND_AFTMKT 136 (cont.) Center stand - Damaged in Crash MM136_CENTERSTAND_DMG 136 (cont.) Center stand - Equipped MM136_CENTERSTAND_DMG 136 (cont.) Center stand - Modified MM136_CENTERSTAND_MOD 136 (cont.) Center stand - Operational MM136_CENTERSTAND_OPER 136 (cont.) Center stand - Operational MM136_CENTERSTAND_OPER 137 Center stand - Original Equipment MM136_CENTERSTAND_OPER 137 Muffler/exhaust system - Aftermarket MM137_EXHAUSTSYSTEM_AFTMKT 137 (cont.) Muffler/exhaust system - Damaged in Crash MM137_EXHAUSTSYSTEM_DMG 137 (cont.) Muffler/exhaust system - Equipped MM137_EXHAUSTSYSTEM_DUIP 137 (cont.) Muffler/exhaust system - Operational MM137_EXHAUSTSYSTEM_OPER 137 (cont.) Muffler/exhaust system - Operational MM137_EXHAUSTSYSTEM_OPER 137 (cont.) Muffler/exhaust system - Original Equipment MM137_EXHAUSTSYSTEM_OPER 137 (cont.) Tank bag - Aftermarket MM137_EXHAUSTSYSTEM_OPER 137 (cont.) Tank bag - Original Equipment MM137_EXHAUSTSYSTEM_ORIG 138 (cont.) Tank bag - Original Equipment MM137_TANKBAG_AFTMKT 138 (cont.) Tank bag - Original Equipment MM137_TANKBAG_ORIG 138 (cont.) Tank bag - Original Equipment MM138_LUGGUAGE_AFTMKT 138 (cont.) Luggage/cargo rack - Aftermarket MM138_LUGGUAGE_EQUIP 137 (cont.) Tank bag - Damaged in Crash MM138_LUGGUAGE_EQUIP 138 (cont.) Tank bag - Damaged in Crash MM138_LUGGUAGE_EQUIP 139 (cont.) Tank bag - Operational MM138_TANKBAG_DMG 138 (cont.) Tank bag - Operational MM138_TANKBAG_DMG 139 (cont.) Luggage/cargo rack - Damaged in Crash MM139_LUGGUAGE_DMG 139 (cont.) Luggage/cargo rack - Operational MM139_LUGGUAGE_DMG 139 (cont.) Parcel rack - Aftermarket MM139_PARCELRACK_OPER 139 (cont.) Parcel rack - Aftermarket MM139_PARCELRACK_OPIG MM140_PARCELRACK_OPIG MM140_PARCELRACK_OPIG MM140_PARCELRACK_OPIG MM140_PARCELRACK_OPIG MM140_PARCELRACK_OPIG MM140_PARCELRACK_OPIG MM140_P			
136 (cont.) Center stand - Damaged in Crash MM136_CENTERSTAND_DMG 136 (cont.) Center stand - Equipped MM136_CENTERSTAND_EQUIP 136 (cont.) Center stand - Modified MM136_CENTERSTAND_OPER 136 (cont.) Center stand - Operational MM136_CENTERSTAND_OPER 136 (cont.) Center stand - Original Equipment MM136_CENTERSTAND_ORIG 137 Muffler/exhaust system - Aftermarket MM137_EXHAUSTSYSTEM_AFTMKT 137 (cont.) Muffler/exhaust system - Damaged in Crash MM137_EXHAUSTSYSTEM_DMG 137 (cont.) Muffler/exhaust system - Equipped MM137_EXHAUSTSYSTEM_EQUIP 137 (cont.) Muffler/exhaust system - Operational MM137_EXHAUSTSYSTEM_MOD 137 (cont.) Muffler/exhaust system - Operational MM137_EXHAUSTSYSTEM_OPER 137 (cont.) Muffler/exhaust system - Original Equipment MM137_EXHAUSTSYSTEM_OPER 137 (cont.) Tank bag - Aftermarket MM137_TANKBAG_AFTMKT 137 (cont.) Tank bag - Equipped MM137_TANKBAG_AFTMKT 138 (cont.) Tank bag - Original Equipment MM137_TANKBAG_ORIG 138 (cont.) Luggage/cargo rack - Equipped MM138_LUGGUAGE_AFTMKT 138 (cont.) Luggage/cargo rack - Gruipped MM138_LUGGUAGE_ORIG 138 (cont.) Luggage/cargo rack - Original Equipment MM138_LUGGUAGE_ORIG 138 (cont.) Tank bag - Damaged in Crash MM138_TANKBAG_OMG 138 (cont.) Tank bag - Damaged in Crash MM138_TANKBAG_OPER 139 (cont.) Luggage/cargo rack - Damaged in Crash MM138_TANKBAG_OPER 139 (cont.) Luggage/cargo rack - Damaged in Crash MM139_LUGGUAGE_DMG 139 (cont.) Parcel rack - Operational MM139_PARCELRACK_AFTMKT 139 (cont.) Parcel rack - Operational MM139_PARCELRACK_ORIG 140 (cont.) Parcel rack - Operational MM140_PARCELRACK_ORIG 140 (cont.) Parcel rack - Operational MM140_PARCELRACK_OPER 140 (cont.) Parcel rack - Operational MM140_PARCELRACK_OPER 140 (cont.) Parcel rack - Operational MM140_PARCELRACK_OPER			
136 (cont.) Center stand - Equipped MM136_CENTERSTAND_EQUIP 136 (cont.) Center stand - Modified MM136_CENTERSTAND_MOD 136 (cont.) Center stand - Operational MM136_CENTERSTAND_OPER 136 (cont.) Center stand - Original Equipment MM136_CENTERSTAND_OPER 137 Muffler/exhaust system - Aftermarket MM137_EXHAUSTSYSTEM_AFTMKT 137 (cont.) Muffler/exhaust system - Damaged in Crash MM137_EXHAUSTSYSTEM_DMG 137 (cont.) Muffler/exhaust system - Damaged in Crash MM137_EXHAUSTSYSTEM_DMG 137 (cont.) Muffler/exhaust system - Modified MM137_EXHAUSTSYSTEM_MOD 137 (cont.) Muffler/exhaust system - Operational MM137_EXHAUSTSYSTEM_OPER 137 (cont.) Muffler/exhaust system - Original Equipment MM137_EXHAUSTSYSTEM_OPER 137 (cont.) Tank bag - Aftermarket MM137_TANKBAG_AFTMKT 137 (cont.) Tank bag - Equipped MM137_TANKBAG_EQUIP 138 (cont.) Tank bag - Griginal Equipment MM137_TANKBAG_ORIG 138 Luggage/cargo rack - Aftermarket MM137_TANKBAG_ORIG 138 (cont.) Luggage/cargo rack - Equipped MM138_LUGGUAGE_ORIG 138 (cont.) Luggage/cargo rack - Original Equipment MM138_LUGGUAGE_ORIG 138 (cont.) Tank bag - Damaged in Crash MM138_TANKBAG_DMG 138 (cont.) Tank bag - Doperational MM138_TANKBAG_DMG 139 (cont.) Tank bag - Operational MM138_TANKBAG_DPER 139 Luggage/cargo rack - Damaged in Crash MM138_TANKBAG_DPER 139 Luggage/cargo rack - Damaged in Crash MM139_LUGGUAGE_DMG 139 (cont.) Luggage/cargo rack - Operational MM139_LUGGUAGE_DPER 139 Luggage/cargo rack - Operational MM139_PARCELRACK_DPER 139 (cont.) Parcel rack - Aftermarket MM139_PARCELRACK_DUIP 139 (cont.) Parcel rack - Operational MM139_PARCELRACK_DUIP 139 (cont.) Parcel rack - Operational MM139_PARCELRACK_DUIP 139 (cont.) Parcel rack - Operational MM140_PARCELRACK_DMG 140 (cont.) Parcel rack - Modified MM140_PARCELRACK_DMG 140 (cont.) Parcel rack - Operational MM140_PARCELRA			
136 (cont.) Center stand - Modified MM136_CENTERSTAND_MOD 136 (cont.) Center stand - Operational MM136_CENTERSTAND_OPER 136 (cont.) Center stand - Original Equipment MM136_CENTERSTAND_ORIG 137 Muffler/exhaust system - Aftermarket MM137_EXHAUSTSYSTEM_AFTMKT 137 (cont.) Muffler/exhaust system - Damaged in Crash MM137_EXHAUSTSYSTEM_DMG 137 (cont.) Muffler/exhaust system - Equipped MM137_EXHAUSTSYSTEM_DMG 137 (cont.) Muffler/exhaust system - Modified MM137_EXHAUSTSYSTEM_DOD 137 (cont.) Muffler/exhaust system - Operational MM137_EXHAUSTSYSTEM_OPER 137 (cont.) Muffler/exhaust system - Original Equipment MM137_EXHAUSTSYSTEM_OPER 137 (cont.) Tank bag - Aftermarket MM137_TANKBAG_AFTMKT 137 (cont.) Tank bag - Equipped MM137_TANKBAG_EQUIP 138 (cont.) Tank bag - Original Equipment MM137_TANKBAG_EQUIP 138 (cont.) Luggage/cargo rack - Aftermarket MM138_LUGGUAGE_AFTMKT 138 (cont.) Luggage/cargo rack - Equipped MM138_LUGGUAGE_AFTMKT 138 (cont.) Luggage/cargo rack - Equipped MM138_LUGGUAGE_AFTMKT 138 (cont.) Luggage/cargo rack - Original Equipment MM138_LUGGUAGE_ORIG 138 (cont.) Tank bag - Damaged in Crash MM138_TANKBAG_DMG 138 (cont.) Tank bag - Damaged in Crash MM138_TANKBAG_DMG 139 (cont.) Tank bag - Operational MM138_TANKBAG_MOD 139 (cont.) Luggage/cargo rack - Damaged in Crash MM139_LUGGUAGE_MOD 139 (cont.) Luggage/cargo rack - Operational MM139_LUGGUAGE_OPER 139 (cont.) Parcel rack - Aftermarket MM139_PARCELRACK_AFTMKT 139 (cont.) Parcel rack - Original Equipment MM139_PARCELRACK_DUIP 140 (cont.) Parcel rack - Modified MM139_PARCELRACK_DUIP 140 (cont.) Parcel rack - Modified MM140_PARCELRACK_DUIP 140 (cont.) Parcel rack - Modified			
136 (cont.) Center stand - Operational MM136_CENTERSTAND_OPER 136 (cont.) Center stand - Original Equipment MM136_CENTERSTAND_ORIG 137 Muffler/exhaust system - Aftermarket MM137_EXHAUSTSYSTEM_AFTMKT 137 (cont.) Muffler/exhaust system - Damaged in Crash MM137_EXHAUSTSYSTEM_DMG 137 (cont.) Muffler/exhaust system - Equipped MM137_EXHAUSTSYSTEM_DMG 137 (cont.) Muffler/exhaust system - Modified MM137_EXHAUSTSYSTEM_MOD 137 (cont.) Muffler/exhaust system - Operational MM137_EXHAUSTSYSTEM_OPER 137 (cont.) Muffler/exhaust system - Original Equipment MM137_EXHAUSTSYSTEM_ORIG 137 (cont.) Tank bag - Aftermarket MM137_TANKBAG_AFTMKT 137 (cont.) Tank bag - Equipped MM137_TANKBAG_EQUIP 137 (cont.) Tank bag - Original Equipment MM137_TANKBAG_EQUIP 138 (cont.) Tank bag - Original Equipment MM138_LUGGUAGE_AFTMKT 138 (cont.) Luggage/cargo rack - Aftermarket MM138_LUGGUAGE_AFTMKT 138 (cont.) Luggage/cargo rack - Equipped MM138_LUGGUAGE_ORIG 138 (cont.) Tank bag - Damaged in Crash MM138_LUGGUAGE_ORIG 138 (cont.) Tank bag - Damaged in Crash MM138_TANKBAG_DMG 138 (cont.) Tank bag - Operational MM138_TANKBAG_DMG 139 (cont.) Luggage/cargo rack - Damaged in Crash MM138_TANKBAG_DMG 139 (cont.) Luggage/cargo rack - Domaged in Crash MM138_TANKBAG_DMG 139 (cont.) Luggage/cargo rack - Domaged in Crash MM139_LUGGUAGE_DMG 139 (cont.) Luggage/cargo rack - Operational MM139_LUGGUAGE_DMG 139 (cont.) Parcel rack - Aftermarket MM139_PARCELRACK_AFTMKT 139 (cont.) Parcel rack - Original Equipment MM139_PARCELRACK_DMG 140 (cont.) Parcel rack - Domaged in Crash MM140_PARCELRACK_DMG 140 (cont.) Parcel rack - Operational MM140_PARCELRACK_DOER 140 (cont.) Parcel rack - Operational MM140_PARCELRACK_DOER	· ·		
136 (cont.) Center stand - Original Equipment MM136_CENTERSTAND_ORIG 137 Muffler/exhaust system - Aftermarket MM137_EXHAUSTSYSTEM_AFTMKT 137 (cont.) Muffler/exhaust system - Damaged in Crash MM137_EXHAUSTSYSTEM_DMG 137 (cont.) Muffler/exhaust system - Equipped MM137_EXHAUSTSYSTEM_EQUIP 137 (cont.) Muffler/exhaust system - Modified MM137_EXHAUSTSYSTEM_MOD 137 (cont.) Muffler/exhaust system - Operational MM137_EXHAUSTSYSTEM_OPER 137 (cont.) Muffler/exhaust system - Original Equipment MM137_EXHAUSTSYSTEM_OPER 137 (cont.) Muffler/exhaust system - Original Equipment MM137_EXHAUSTSYSTEM_ORIG 138 (cont.) Tank bag - Aftermarket MM137_TANKBAG_AFTMKT 137 (cont.) Tank bag - Equipped MM137_TANKBAG_EQUIP 138 (cont.) Tank bag - Original Equipment MM137_TANKBAG_ORIG 138 Luggage/cargo rack - Aftermarket MM138_LUGGUAGE_AFTMKT 138 (cont.) Luggage/cargo rack - Equipped MM138_LUGGUAGE_EQUIP 138 (cont.) Luggage/cargo rack - Original Equipment MM138_LUGGUAGE_ORIG 138 (cont.) Tank bag - Damaged in Crash MM138_TANKBAG_DMG 138 (cont.) Tank bag - Modified MM138_TANKBAG_MOD 138 (cont.) Tank bag - Operational MM138_TANKBAG_OPER 139 Luggage/cargo rack - Damaged in Crash MM139_LUGGUAGE_DMG 139 (cont.) Luggage/cargo rack - Domaged in Crash MM139_LUGGUAGE_DMG 139 (cont.) Luggage/cargo rack - Operational MM139_PARCELRACK_AFTMKT 139 (cont.) Parcel rack - Equipped MM139_PARCELRACK_AFTMKT 139 (cont.) Parcel rack - Original Equipment MM139_PARCELRACK_ORIG 140 Parcel rack - Damaged in Crash MM140_PARCELRACK_DMG 140 (cont.) Parcel rack - Original Equipment MM140_PARCELRACK_OPER 140 (cont.) Parcel rack - Operational MM140_PARCELRACK_OPER 140 (cont.) Parcel rack - Operational MM140_PARCELRACK_OPER	· ·		
Muffler/exhaust system - Aftermarket MM137_EXHAUSTSYSTEM_AFTMKT 137 (cont.) Muffler/exhaust system - Damaged in Crash MM137_EXHAUSTSYSTEM_DMG 137 (cont.) Muffler/exhaust system - Equipped MM137_EXHAUSTSYSTEM_EQUIP 137 (cont.) Muffler/exhaust system - Modified MM137_EXHAUSTSYSTEM_MOD 137 (cont.) Muffler/exhaust system - Operational MM137_EXHAUSTSYSTEM_OPER 137 (cont.) Muffler/exhaust system - Original Equipment MM137_EXHAUSTSYSTEM_OPER 137 (cont.) Muffler/exhaust system - Original Equipment MM137_EXHAUSTSYSTEM_ORIG 137 (cont.) Tank bag - Aftermarket MM137_TANKBAG_AFTMKT 137 (cont.) Tank bag - Equipped MM137_TANKBAG_EQUIP 138 (cont.) Tank bag - Original Equipment MM137_TANKBAG_ORIG 138 (cont.) Luggage/cargo rack - Equipped MM138_LUGGUAGE_EQUIP 138 (cont.) Luggage/cargo rack - Original Equipment MM138_LUGGUAGE_EQUIP 138 (cont.) Luggage/cargo rack - Original Equipment MM138_LUGGUAGE_EQUIP 138 (cont.) Tank bag - Damaged in Crash MM138_TANKBAG_DMG 138 (cont.) Tank bag - Modified MM138_TANKBAG_MOD 138 (cont.) Tank bag - Operational MM138_TANKBAG_OPER 139 Luggage/cargo rack - Damaged in Crash MM139_LUGGUAGE_DMG 139 (cont.) Luggage/cargo rack - Damaged in Crash MM139_LUGGUAGE_DMG 139 (cont.) Luggage/cargo rack - Operational MM139_PARCELRACK_AFTMKT 139 (cont.) Parcel rack - Aftermarket MM139_PARCELRACK_AFTMKT 139 (cont.) Parcel rack - Aftermarket MM139_PARCELRACK_AFTMKT 139 (cont.) Parcel rack - Original Equipment MM139_PARCELRACK_DMG 140 (cont.) Parcel rack - Damaged in Crash MM140_PARCELRACK_DMG 140 (cont.) Parcel rack - Operational MM140_PARCELRACK_MOD 140 (cont.) Parcel rack - Operational MM140_PARCELRACK_OPER	· ·		
137 (cont.)Muffler/exhaust system - Damaged in CrashMM137_EXHAUSTSYSTEM_DMG137 (cont.)Muffler/exhaust system - EquippedMM137_EXHAUSTSYSTEM_EQUIP137 (cont.)Muffler/exhaust system - ModifiedMM137_EXHAUSTSYSTEM_MOD137 (cont.)Muffler/exhaust system - OperationalMM137_EXHAUSTSYSTEM_OPER137 (cont.)Muffler/exhaust system - Original EquipmentMM137_EXHAUSTSYSTEM_ORIG137 (cont.)Tank bag - AftermarketMM137_TANKBAG_AFTMKT137 (cont.)Tank bag - EquippedMM137_TANKBAG_EQUIP137 (cont.)Tank bag - Original EquipmentMM138_LUGGUAGE_AFTMKT138Luggage/cargo rack - AftermarketMM138_LUGGUAGE_AFTMKT138 (cont.)Luggage/cargo rack - EquippedMM138_LUGGUAGE_AFTMKT138 (cont.)Luggage/cargo rack - Original EquipmentMM138_LUGGUAGE_ORIG138 (cont.)Luggage/cargo rack - Original EquipmentMM138_LUGGUAGE_ORIG138 (cont.)Tank bag - Damaged in CrashMM138_TANKBAG_MOD138 (cont.)Tank bag - ModifiedMM138_TANKBAG_MOD139 (cont.)Tank bag - OperationalMM138_TANKBAG_OPER139 (cont.)Luggage/cargo rack - Damaged in CrashMM139_LUGGUAGE_MOD139 (cont.)Luggage/cargo rack - OperationalMM139_LUGGUAGE_MOD139 (cont.)Parcel rack - AftermarketMM139_PARCELRACK_AFTMKT139 (cont.)Parcel rack - EquippedMM139_PARCELRACK_EQUIP139 (cont.)Parcel rack - GuippedMM139_PARCELRACK_ORIG140 (cont.)Parcel rack - Damaged in CrashMM140_PARCELRACK_ODD<			
137 (cont.)Muffler/exhaust system - EquippedMM137_EXHAUSTSYSTEM_EQUIP137 (cont.)Muffler/exhaust system - ModifiedMM137_EXHAUSTSYSTEM_MOD137 (cont.)Muffler/exhaust system - OperationalMM137_EXHAUSTSYSTEM_OPER137 (cont.)Muffler/exhaust system - Original EquipmentMM137_EXHAUSTSYSTEM_ORIG137 (cont.)Tank bag - AftermarketMM137_TANKBAG_AFTMKT137 (cont.)Tank bag - EquippedMM137_TANKBAG_EQUIP137 (cont.)Tank bag - Original EquipmentMM137_TANKBAG_ORIG138Luggage/cargo rack - AftermarketMM138_LUGGUAGE_AFTMKT138 (cont.)Luggage/cargo rack - EquippedMM138_LUGGUAGE_EQUIP138 (cont.)Luggage/cargo rack - Original EquipmentMM138_LUGGUAGE_ORIG138 (cont.)Tank bag - Damaged in CrashMM138_TANKBAG_DMG138 (cont.)Tank bag - ModifiedMM138_TANKBAG_OPER139Luggage/cargo rack - Damaged in CrashMM138_TANKBAG_OPER139Luggage/cargo rack - Damaged in CrashMM139_LUGGUAGE_DMG139 (cont.)Luggage/cargo rack - ModifiedMM139_LUGGUAGE_OPER139 (cont.)Parcel rack - AftermarketMM139_LUGGUAGE_OPER139 (cont.)Parcel rack - EquippedMM139_PARCELRACK_AFTMKT139 (cont.)Parcel rack - EquippedMM139_PARCELRACK_BUIP139 (cont.)Parcel rack - Damaged in CrashMM139_PARCELRACK_DRIG140Parcel rack - Damaged in CrashMM140_PARCELRACK_DMG140 (cont.)Parcel rack - ModifiedMM140_PARCELRACK_DPER	137 (cont.)		
137 (cont.)Muffler/exhaust system - ModifiedMM137_EXHAUSTSYSTEM_MOD137 (cont.)Muffler/exhaust system - OperationalMM137_EXHAUSTSYSTEM_OPER137 (cont.)Muffler/exhaust system - Original EquipmentMM137_EXHAUSTSYSTEM_ORIG137 (cont.)Tank bag - AftermarketMM137_TANKBAG_AFTMKT137 (cont.)Tank bag - EquippedMM137_TANKBAG_EQUIP138 (cont.)Tank bag - Original EquipmentMM138_LUGGUAGE_AFTMKT138 (cont.)Luggage/cargo rack - AftermarketMM138_LUGGUAGE_AFTMKT138 (cont.)Luggage/cargo rack - EquippedMM138_LUGGUAGE_ORIG138 (cont.)Luggage/cargo rack - Original EquipmentMM138_LUGGUAGE_ORIG138 (cont.)Tank bag - Damaged in CrashMM138_TANKBAG_DMG138 (cont.)Tank bag - ModifiedMM138_TANKBAG_MOD138 (cont.)Tank bag - OperationalMM138_TANKBAG_OPER139 (cont.)Luggage/cargo rack - Damaged in CrashMM139_LUGGUAGE_DMG139 (cont.)Luggage/cargo rack - ModifiedMM139_LUGGUAGE_MOD139 (cont.)Luggage/cargo rack - OperationalMM139_LUGGUAGE_OPER139 (cont.)Parcel rack - AftermarketMM139_PARCELRACK_AFTMKT139 (cont.)Parcel rack - EquippedMM139_PARCELRACK_EQUIP139 (cont.)Parcel rack - Original EquipmentMM139_PARCELRACK_ORIG140 Parcel rack - Damaged in CrashMM140_PARCELRACK_MOD140 Cont.)Parcel rack - OperationalMM140_PARCELRACK_OPER	137 (cont.)		MM137_EXHAUSTSYSTEM_EQUIP
137 (cont.)Muffler/exhaust system - OperationalMM137_EXHAUSTSYSTEM_OPER137 (cont.)Muffler/exhaust system - Original EquipmentMM137_EXHAUSTSYSTEM_ORIG137 (cont.)Tank bag - AftermarketMM137_TANKBAG_AFTMKT137 (cont.)Tank bag - EquippedMM137_TANKBAG_EQUIP138 Luggage/cargo rack - AftermarketMM138_LUGGUAGE_AFTMKT138 (cont.)Luggage/cargo rack - EquippedMM138_LUGGUAGE_EQUIP138 (cont.)Luggage/cargo rack - Original EquipmentMM138_LUGGUAGE_EQUIP138 (cont.)Luggage/cargo rack - Original EquipmentMM138_LUGGUAGE_ORIG138 (cont.)Tank bag - Damaged in CrashMM138_TANKBAG_DMG138 (cont.)Tank bag - ModifiedMM138_TANKBAG_MOD138 (cont.)Tank bag - OperationalMM138_TANKBAG_OPER139 Luggage/cargo rack - Damaged in CrashMM139_LUGGUAGE_DMG139 (cont.)Luggage/cargo rack - ModifiedMM139_LUGGUAGE_DMG139 (cont.)Luggage/cargo rack - OperationalMM139_PARCELRACK_AFTMKT139 (cont.)Parcel rack - AftermarketMM139_PARCELRACK_EQUIP139 (cont.)Parcel rack - EquippedMM139_PARCELRACK_ORIG140Parcel rack - Damaged in CrashMM140_PARCELRACK_DMG140 (cont.)Parcel rack - ModifiedMM140_PARCELRACK_OPER	137 (cont.)		
137 (cont.)Muffler/exhaust system - Original EquipmentMM137_EXHAUSTSYSTEM_ORIG137 (cont.)Tank bag - AftermarketMM137_TANKBAG_AFTMKT137 (cont.)Tank bag - EquippedMM137_TANKBAG_EQUIP137 (cont.)Tank bag - Original EquipmentMM137_TANKBAG_ORIG138Luggage/cargo rack - AftermarketMM138_LUGGUAGE_AFTMKT138 (cont.)Luggage/cargo rack - EquippedMM138_LUGGUAGE_EQUIP138 (cont.)Luggage/cargo rack - Original EquipmentMM138_LUGGUAGE_ORIG138 (cont.)Tank bag - Damaged in CrashMM138_TANKBAG_DMG138 (cont.)Tank bag - ModifiedMM138_TANKBAG_MOD138 (cont.)Tank bag - OperationalMM138_TANKBAG_OPER139Luggage/cargo rack - Damaged in CrashMM139_LUGGUAGE_DMG139 (cont.)Luggage/cargo rack - ModifiedMM139_LUGGUAGE_MOD139 (cont.)Luggage/cargo rack - OperationalMM139_LUGGUAGE_OPER139 (cont.)Parcel rack - AftermarketMM139_PARCELRACK_AFTMKT139 (cont.)Parcel rack - Griginal EquipmentMM139_PARCELRACK_AFTMKT139 (cont.)Parcel rack - Damaged in CrashMM139_PARCELRACK_ORIG140Parcel rack - Damaged in CrashMM140_PARCELRACK_MOD140 (cont.)Parcel rack - OperationalMM140_PARCELRACK_OPER	137 (cont.)	Muffler/exhaust system - Operational	MM137_EXHAUSTSYSTEM_OPER
137 (cont.)Tank bag - AftermarketMM137_TANKBAG_AFTMKT137 (cont.)Tank bag - EquippedMM137_TANKBAG_EQUIP137 (cont.)Tank bag - Original EquipmentMM137_TANKBAG_ORIG138Luggage/cargo rack - AftermarketMM138_LUGGUAGE_AFTMKT138 (cont.)Luggage/cargo rack - EquippedMM138_LUGGUAGE_EQUIP138 (cont.)Luggage/cargo rack - Original EquipmentMM138_LUGGUAGE_ORIG138 (cont.)Tank bag - Damaged in CrashMM138_TANKBAG_DMG138 (cont.)Tank bag - ModifiedMM138_TANKBAG_MOD138 (cont.)Tank bag - OperationalMM138_TANKBAG_OPER139Luggage/cargo rack - Damaged in CrashMM138_TANKBAG_DMG139 (cont.)Luggage/cargo rack - ModifiedMM139_LUGGUAGE_DMG139 (cont.)Luggage/cargo rack - OperationalMM139_LUGGUAGE_MOD139 (cont.)Parcel rack - AftermarketMM139_PARCELRACK_AFTMKT139 (cont.)Parcel rack - EquippedMM139_PARCELRACK_EQUIP139 (cont.)Parcel rack - EquippedMM139_PARCELRACK_ORIG140Parcel rack - Damaged in CrashMM140_PARCELRACK_DMG140 (cont.)Parcel rack - ModifiedMM140_PARCELRACK_MOD140 (cont.)Parcel rack - OperationalMM140_PARCELRACK_OPER			MM137_EXHAUSTSYSTEM_ORIG
137 (cont.)Tank bag - EquippedMM137_TANKBAG_EQUIP137 (cont.)Tank bag - Original EquipmentMM137_TANKBAG_ORIG138Luggage/cargo rack - AftermarketMM138_LUGGUAGE_AFTMKT138 (cont.)Luggage/cargo rack - EquippedMM138_LUGGUAGE_EQUIP138 (cont.)Luggage/cargo rack - Original EquipmentMM138_LUGGUAGE_ORIG138 (cont.)Tank bag - Damaged in CrashMM138_TANKBAG_DMG138 (cont.)Tank bag - ModifiedMM138_TANKBAG_MOD138 (cont.)Tank bag - OperationalMM138_TANKBAG_OPER139Luggage/cargo rack - Damaged in CrashMM139_LUGGUAGE_DMG139 (cont.)Luggage/cargo rack - ModifiedMM139_LUGGUAGE_MOD139 (cont.)Luggage/cargo rack - OperationalMM139_LUGGUAGE_OPER139 (cont.)Parcel rack - AftermarketMM139_PARCELRACK_AFTMKT139 (cont.)Parcel rack - EquippedMM139_PARCELRACK_EQUIP139 (cont.)Parcel rack - Original EquipmentMM139_PARCELRACK_ORIG140Parcel rack - Damaged in CrashMM140_PARCELRACK_DMG140 (cont.)Parcel rack - ModifiedMM140_PARCELRACK_MOD140 (cont.)Parcel rack - OperationalMM140_PARCELRACK_OPER	137 (cont.)		MM137_TANKBAG_AFTMKT
137 (cont.)Tank bag - Original EquipmentMM137_TANKBAG_ORIG138Luggage/cargo rack - AftermarketMM138_LUGGUAGE_AFTMKT138 (cont.)Luggage/cargo rack - EquippedMM138_LUGGUAGE_EQUIP138 (cont.)Luggage/cargo rack - Original EquipmentMM138_LUGGUAGE_ORIG138 (cont.)Tank bag - Damaged in CrashMM138_TANKBAG_DMG138 (cont.)Tank bag - ModifiedMM138_TANKBAG_MOD138 (cont.)Tank bag - OperationalMM138_TANKBAG_OPER139Luggage/cargo rack - Damaged in CrashMM139_LUGGUAGE_DMG139 (cont.)Luggage/cargo rack - ModifiedMM139_LUGGUAGE_MOD139 (cont.)Luggage/cargo rack - OperationalMM139_LUGGUAGE_OPER139 (cont.)Parcel rack - AftermarketMM139_PARCELRACK_AFTMKT139 (cont.)Parcel rack - EquippedMM139_PARCELRACK_EQUIP139 (cont.)Parcel rack - Original EquipmentMM139_PARCELRACK_ORIG140Parcel rack - Damaged in CrashMM140_PARCELRACK_DMG140 (cont.)Parcel rack - ModifiedMM140_PARCELRACK_MOD140 (cont.)Parcel rack - OperationalMM140_PARCELRACK_OPER	137 (cont.)	Tank bag - Equipped	
138Luggage/cargo rack - AftermarketMM138_LUGGUAGE_AFTMKT138 (cont.)Luggage/cargo rack - EquippedMM138_LUGGUAGE_EQUIP138 (cont.)Luggage/cargo rack - Original EquipmentMM138_LUGGUAGE_ORIG138 (cont.)Tank bag - Damaged in CrashMM138_TANKBAG_DMG138 (cont.)Tank bag - ModifiedMM138_TANKBAG_MOD138 (cont.)Tank bag - OperationalMM138_TANKBAG_OPER139Luggage/cargo rack - Damaged in CrashMM139_LUGGUAGE_DMG139 (cont.)Luggage/cargo rack - ModifiedMM139_LUGGUAGE_MOD139 (cont.)Luggage/cargo rack - OperationalMM139_LUGGUAGE_OPER139 (cont.)Parcel rack - AftermarketMM139_PARCELRACK_AFTMKT139 (cont.)Parcel rack - EquippedMM139_PARCELRACK_EQUIP139 (cont.)Parcel rack - Original EquipmentMM139_PARCELRACK_ORIG140Parcel rack - Damaged in CrashMM140_PARCELRACK_DMG140 (cont.)Parcel rack - ModifiedMM140_PARCELRACK_MOD140 (cont.)Parcel rack - OperationalMM140_PARCELRACK_OPER			
138 (cont.)Luggage/cargo rack - EquippedMM138_LUGGUAGE_EQUIP138 (cont.)Luggage/cargo rack - Original EquipmentMM138_LUGGUAGE_ORIG138 (cont.)Tank bag - Damaged in CrashMM138_TANKBAG_DMG138 (cont.)Tank bag - ModifiedMM138_TANKBAG_MOD138 (cont.)Tank bag - OperationalMM138_TANKBAG_OPER139Luggage/cargo rack - Damaged in CrashMM139_LUGGUAGE_DMG139 (cont.)Luggage/cargo rack - ModifiedMM139_LUGGUAGE_MOD139 (cont.)Luggage/cargo rack - OperationalMM139_LUGGUAGE_OPER139 (cont.)Parcel rack - AftermarketMM139_PARCELRACK_AFTMKT139 (cont.)Parcel rack - EquippedMM139_PARCELRACK_EQUIP139 (cont.)Parcel rack - Original EquipmentMM139_PARCELRACK_ORIG140Parcel rack - Damaged in CrashMM140_PARCELRACK_DMG140 (cont.)Parcel rack - ModifiedMM140_PARCELRACK_MOD140 (cont.)Parcel rack - OperationalMM140_PARCELRACK_OPER			
138 (cont.)Luggage/cargo rack - Original EquipmentMM138_LUGGUAGE_ORIG138 (cont.)Tank bag - Damaged in CrashMM138_TANKBAG_DMG138 (cont.)Tank bag - ModifiedMM138_TANKBAG_MOD138 (cont.)Tank bag - OperationalMM138_TANKBAG_OPER139Luggage/cargo rack - Damaged in CrashMM139_LUGGUAGE_DMG139 (cont.)Luggage/cargo rack - ModifiedMM139_LUGGUAGE_MOD139 (cont.)Luggage/cargo rack - OperationalMM139_LUGGUAGE_OPER139 (cont.)Parcel rack - AftermarketMM139_PARCELRACK_AFTMKT139 (cont.)Parcel rack - EquippedMM139_PARCELRACK_EQUIP139 (cont.)Parcel rack - Original EquipmentMM139_PARCELRACK_ORIG140Parcel rack - Damaged in CrashMM140_PARCELRACK_MOD140 (cont.)Parcel rack - ModifiedMM140_PARCELRACK_MOD140 (cont.)Parcel rack - OperationalMM140_PARCELRACK_OPER	138 (cont.)	Luggage/cargo rack - Equipped	
138 (cont.)Tank bag - Damaged in CrashMM138_TANKBAG_DMG138 (cont.)Tank bag - ModifiedMM138_TANKBAG_MOD138 (cont.)Tank bag - OperationalMM138_TANKBAG_OPER139Luggage/cargo rack - Damaged in CrashMM139_LUGGUAGE_DMG139 (cont.)Luggage/cargo rack - ModifiedMM139_LUGGUAGE_MOD139 (cont.)Luggage/cargo rack - OperationalMM139_LUGGUAGE_OPER139 (cont.)Parcel rack - AftermarketMM139_PARCELRACK_AFTMKT139 (cont.)Parcel rack - EquippedMM139_PARCELRACK_EQUIP139 (cont.)Parcel rack - Original EquipmentMM139_PARCELRACK_ORIG140Parcel rack - Damaged in CrashMM140_PARCELRACK_DMG140 (cont.)Parcel rack - ModifiedMM140_PARCELRACK_MOD140 (cont.)Parcel rack - OperationalMM140_PARCELRACK_OPER	138 (cont.)		
138 (cont.)Tank bag - ModifiedMM138_TANKBAG_MOD138 (cont.)Tank bag - OperationalMM138_TANKBAG_OPER139Luggage/cargo rack - Damaged in CrashMM139_LUGGUAGE_DMG139 (cont.)Luggage/cargo rack - ModifiedMM139_LUGGUAGE_MOD139 (cont.)Luggage/cargo rack - OperationalMM139_LUGGUAGE_OPER139 (cont.)Parcel rack - AftermarketMM139_PARCELRACK_AFTMKT139 (cont.)Parcel rack - EquippedMM139_PARCELRACK_EQUIP139 (cont.)Parcel rack - Original EquipmentMM139_PARCELRACK_ORIG140Parcel rack - Damaged in CrashMM140_PARCELRACK_DMG140 (cont.)Parcel rack - ModifiedMM140_PARCELRACK_MOD140 (cont.)Parcel rack - OperationalMM140_PARCELRACK_OPER		Tank bag - Damaged in Crash	
138 (cont.)Tank bag - OperationalMM138_TANKBAG_OPER139Luggage/cargo rack - Damaged in CrashMM139_LUGGUAGE_DMG139 (cont.)Luggage/cargo rack - ModifiedMM139_LUGGUAGE_MOD139 (cont.)Luggage/cargo rack - OperationalMM139_LUGGUAGE_OPER139 (cont.)Parcel rack - AftermarketMM139_PARCELRACK_AFTMKT139 (cont.)Parcel rack - EquippedMM139_PARCELRACK_EQUIP139 (cont.)Parcel rack - Original EquipmentMM139_PARCELRACK_ORIG140Parcel rack - Damaged in CrashMM140_PARCELRACK_DMG140 (cont.)Parcel rack - ModifiedMM140_PARCELRACK_MOD140 (cont.)Parcel rack - OperationalMM140_PARCELRACK_OPER		Tank bag - Modified	
139Luggage/cargo rack - Damaged in CrashMM139_LUGGUAGE_DMG139 (cont.)Luggage/cargo rack - ModifiedMM139_LUGGUAGE_MOD139 (cont.)Luggage/cargo rack - OperationalMM139_LUGGUAGE_OPER139 (cont.)Parcel rack - AftermarketMM139_PARCELRACK_AFTMKT139 (cont.)Parcel rack - EquippedMM139_PARCELRACK_EQUIP139 (cont.)Parcel rack - Original EquipmentMM139_PARCELRACK_ORIG140Parcel rack - Damaged in CrashMM140_PARCELRACK_DMG140 (cont.)Parcel rack - ModifiedMM140_PARCELRACK_MOD140 (cont.)Parcel rack - OperationalMM140_PARCELRACK_OPER		Tank bag - Operational	
139 (cont.)Luggage/cargo rack - OperationalMM139_LUGGUAGE_OPER139 (cont.)Parcel rack - AftermarketMM139_PARCELRACK_AFTMKT139 (cont.)Parcel rack - EquippedMM139_PARCELRACK_EQUIP139 (cont.)Parcel rack - Original EquipmentMM139_PARCELRACK_ORIG140Parcel rack - Damaged in CrashMM140_PARCELRACK_DMG140 (cont.)Parcel rack - ModifiedMM140_PARCELRACK_MOD140 (cont.)Parcel rack - OperationalMM140_PARCELRACK_OPER	139		MM139_LUGGUAGE_DMG
139 (cont.)Parcel rack - AftermarketMM139_PARCELRACK_AFTMKT139 (cont.)Parcel rack - EquippedMM139_PARCELRACK_EQUIP139 (cont.)Parcel rack - Original EquipmentMM139_PARCELRACK_ORIG140Parcel rack - Damaged in CrashMM140_PARCELRACK_DMG140 (cont.)Parcel rack - ModifiedMM140_PARCELRACK_MOD140 (cont.)Parcel rack - OperationalMM140_PARCELRACK_OPER	139 (cont.)	Luggage/cargo rack - Modified	
139 (cont.)Parcel rack - EquippedMM139_PARCELRACK_EQUIP139 (cont.)Parcel rack - Original EquipmentMM139_PARCELRACK_ORIG140Parcel rack - Damaged in CrashMM140_PARCELRACK_DMG140 (cont.)Parcel rack - ModifiedMM140_PARCELRACK_MOD140 (cont.)Parcel rack - OperationalMM140_PARCELRACK_OPER	139 (cont.)	Luggage/cargo rack - Operational	MM139_LUGGUAGE_OPER
139 (cont.)Parcel rack - Original EquipmentMM139_PARCELRACK_ORIG140Parcel rack - Damaged in CrashMM140_PARCELRACK_DMG140 (cont.)Parcel rack - ModifiedMM140_PARCELRACK_MOD140 (cont.)Parcel rack - OperationalMM140_PARCELRACK_OPER	139 (cont.)	Parcel rack - Aftermarket	MM139_PARCELRACK_AFTMKT
139 (cont.)Parcel rack - Original EquipmentMM139_PARCELRACK_ORIG140Parcel rack - Damaged in CrashMM140_PARCELRACK_DMG140 (cont.)Parcel rack - ModifiedMM140_PARCELRACK_MOD140 (cont.)Parcel rack - OperationalMM140_PARCELRACK_OPER	139 (cont.)	Parcel rack - Equipped	
140 (cont.) Parcel rack - Modified MM140_PARCELRACK_MOD 140 (cont.) Parcel rack - Operational MM140_PARCELRACK_OPER	139 (cont.)	Parcel rack - Original Equipment	MM139_PARCELRACK_ORIG
140 (cont.)Parcel rack - ModifiedMM140_PARCELRACK_MOD140 (cont.)Parcel rack - OperationalMM140_PARCELRACK_OPER	140	Parcel rack - Damaged in Crash	MM140_PARCELRACK_DMG
140 (cont.) Parcel rack - Operational MM140_PARCELRACK_OPER	140 (cont.)		
140 (cont.) Saddle bags - Aftermarket MM140_SADDLEBAG_AFTMKT	140 (cont.)	Parcel rack - Operational	MM140_PARCELRACK_OPER
	140 (cont.)	Saddle bags - Aftermarket	MM140_SADDLEBAG_AFTMKT

Variable		
Number	Variable	SAS® and Excel TM Name
140 (cont.)	Saddle bags - Equipped	MM140_SADDLEBAG_EQUIP
140 (cont.)	Saddle bags - Equipped Saddle bags - Original Equipment	MM140_SADDLEBAG_EQUII MM140_SADDLEBAG_ORIG
141	Rear position lamps - Aftermarket	MM141_REARPOSITIONLAMPS_AFTMKT
141 (cont.)	Rear position lamps - Damaged in Crash	MM141_REARPOSITIONLAMPS_DMG
141 (cont.)	Rear position lamps - Equipped	MM141_REARPOSITIONLAMPS_EQUIP
141 (cont.)	Rear position lamps - Modified	MM141_REARPOSITIONLAMPS_MOD
141 (cont.)	Rear position lamps - Operational	MM141_REARPOSITIONLAMPS_OPER
141 (cont.)	Rear position lamps - Original Equipment	MM141_REARPOSITIONLAMPS_ORIG
141 (cont.)	Saddle bags - Damaged in Crash	MM141_SADDLEBAG_DMG
141 (cont.)	Saddle bags - Modified	MM141_SADDLEBAG_MOD
141 (cont.)	Saddle bags - Operational	MM141_SADDLEBAG_OPER
142	Stop lamp - Aftermarket	MM142_STOPLAMP_AFTMKT
142 (cont.)	Stop lamp - Damaged in Crash	MM142_STOPLAMP_DMG
142 (cont.)	Stop lamp - Equipped Stop lamp - Equipped	MM142_STOPLAMP_EQUIP
142 (cont.)	Stop lamp - Modified	MM142_STOPLAMP_MOD
142 (cont.)	Stop lamp - Operational	MM142_STOPLAMP_OPER
142 (cont.)	Stop lamp - Original Equipment	MM142_STOPLAMP_ORIG
143	Rear reflectors, yellow - Aftermarket	MM143_REARREFLECTORYEL_AFTMKT
143 (cont.)	Rear reflectors, yellow - Damaged in Crash	MM143_REARREFLECTORYEL_DMG
143 (cont.)	Rear reflectors, yellow - Equipped	MM143_REARREFLECTORYEL_EQUIP
143 (cont.)	Rear reflectors, yellow - Modified	MM143_REARREFLECTORYEL_MOD
143 (cont.)	Rear reflectors, yellow - Operational	MM143_REARREFLECTORYEL_OPER
143 (cont.)	Rear reflectors, yellow - Original Equipment	MM143_REARREFLECTORYEL_ORIG
144	Rear reflectors, red - Aftermarket	MM144_REARREFLECTORRED_AFTMKT
144 (cont.)	Rear reflectors, red - Damaged in Crash	MM144_REARREFLECTORRED_DMG
144 (cont.)	Rear reflectors, red - Equipped	MM144_REARREFLECTORRED_EQUIP
144 (cont.)	Rear reflectors, red - Modified	MM144_REARREFLECTORRED_MOD
144 (cont.)	Rear reflectors, red - Operational	MM144_REARREFLECTORRED_OPER
144 (cont.)	Rear reflectors, red - Original Equipment	MM144_REARREFLECTORRED_ORIG
145	Rear reflectors, silver - Aftermarket	MM145_REARREFLECTORSLVR_AFTMKT
145 (cont.)	Rear reflectors, silver - Damaged in Crash	MM145_REARREFLECTORSLVR_DMG
145 (cont.)	Rear reflectors, silver - Equipped	MM145_REARREFLECTORSLVR_EQUIP
145 (cont.)	Rear reflectors, silver - Modified	MM145_REARREFLECTORSLVR_MOD
145 (cont.)	Rear reflectors, silver - Operational	MM145_REARREFLECTORSLVR_OPER
145 (cont.)	Rear reflectors, silver - Original Equipment	MM145_REARREFLECTORSLVR_ORIG
145 (cont.)	Rear turn signals - Aftermarket	MM145_REARTURNSIGNAL_AFTMKT
145 (cont.)	Rear turn signals - Equipped	MM145_REARTURNSIGNAL_EQUIP
145 (cont.)	Rear turn signals - Original Equipment	MM145_REARTURNSIGNAL_ORIG
146	Rear suspension - Aftermarket	MM146_REARSUSPENSION_AFTMKT
146 (cont.)	Rear suspension - Equipped	MM146_REARSUSPENSION_EQUIP
146 (cont.)	Rear suspension - Original Equipment	MM146_REARSUSPENSION_ORIG
146 (cont.)	Rear turn signals - Damaged in Crash	MM146_REARTURNSIGNAL_DMG
146 (cont.)	Rear turn signals - Modified	MM146_REARTURNSIGNAL_MOD
146 (cont.)	Rear turn signals - Operational	MM146_REARTURNSIGNAL_OPER
147	Rear suspension - Damaged in Crash	MM147_REARSUSPENSION_DMG
147 (cont.)	Rear suspension - Modified	MM147_REARSUSPENSION_MOD
147 (cont.)	Rear suspension - Operational	MM147_REARSUSPENSION_OPER
147 (cont.)	Rear tire/wheel - Aftermarket	MM147_REARWHEEL_AFTMKT
147 (cont.)	Rear tire/wheel - Equipped	MM147_REARWHEEL_EQUIP
147 (cont.)	Rear tire/wheel - Original Equipment	MM147_REARWHEEL_ORIG
148	Rear fender - Aftermarket	MM148_REARFENDER_AFTMKT
148 (cont.)	Rear fender - Equipped	MM148_REARFENDER_EQUIP
148 (cont.)	Rear fender - Original Equipment	MM148_REARFENDER_ORIG
148 (cont.)	Rear tire/wheel - Damaged in Crash	MM148_REARWHEEL_DMG
148 (cont.)	Rear tire/wheel - Modified	MM148_REARWHEEL_MOD
148 (cont.)	Rear tire/wheel - Operational	MM148_REARWHEEL_OPER
149	Rear brakes - Aftermarket	MM149_REARBRAKES_AFTMKT
149 (cont.)	Rear brakes - Damaged in Crash	MM149_REARBRAKES_DMG
149 (cont.)	Rear brakes - Equipped	MM149_REARBRAKES_EQUIP

Variable		
Number	Variable	SAS® and Excel TM Name
149 (cont.)	Rear brakes - Modified	MM149_REARBRAKES_MOD
149 (cont.)	Rear brakes - Operational	MM149_REARBRAKES_OPER
149 (cont.)	Rear brakes - Original Equipment	MM149_REARBRAKES_ORIG
149 (cont.)	Rear fender - Damaged in Crash	MM149_REARFENDER_DMG
149 (cont.)	Rear fender - Modified	MM149_REARFENDER_MOD
149 (cont.)	Rear fender - Operational	MM149_REARFENDER_OPER
150	Tools, tool box - Aftermarket	MM150_TOOLBOX_AFTMKT
150 (cont.)	Tools, tool box - Damaged in Crash	MM150_TOOLBOX_DMG
150 (cont.)	Tools, tool box - Equipped	MM150_TOOLBOX_EQUIP
150 (cont.)	Tools, tool box - Modified	MM150_TOOLBOX_MOD
150 (cont.)	Tools, tool box - Operational	MM150_TOOLBOX_OPER
150 (cont.)	Tools, tool box - Original Equipment	MM150_TOOLBOX_ORIG
151	Side covers - Aftermarket	MM151_SIDECOVERS_AFTMKT
151 (cont.)	Side covers - Damaged in Crash	MM151_SIDECOVERS_DMG
151 (cont.)	Side covers - Equipped	MM151_SIDECOVERS_EQUIP
151 (cont.)	Side covers - Modified	MM151_SIDECOVERS_MOD
151 (cont.)	Side covers - Operational	MM151_SIDECOVERS_OPER
151 (cont.)	Side covers - Original Equipment	MM151_SIDECOVERS_ORIG
152	Trailer - Aftermarket	MM152_TRAILER_AFTMKT
152 (cont.)	Trailer - Damaged in Crash	MM152_TRAILER_DMG
152 (cont.)	Trailer - Equipped	MM152_TRAILER_EQUIP
152 (cont.)	Trailer - Modified	MM152_TRAILER_MOD
152 (cont.)	Trailer - Operational	MM152_TRAILER_OPER
152 (cont.)	Trailer - Original Equipment	MM152_TRAILER_ORIG
153	Side Car - Aftermarket	MM153_SIDECAR_AFTMKT
153 (cont.)	Side Car - Damaged in Crash	MM153_SIDECAR_DMG
153 (cont.)	Side Car - Equipped	MM153_SIDECAR_EQUIP
153 (cont.)	Side Car - Modified	MM153_SIDECAR_MOD
153 (cont.)	Side Car - Operational	MM153_SIDECAR_OPER
153 (cont.)	Side Car - Original Equipment	MM153_SIDECAR_ORIG

Table 17. List of variables in the Control Motorcycle Mechanical Form.

Variable Number	Variable	SAS® and Excel TM Name
0	Case Number	CM000_CASEID
0 (cont.)	Control Motorcycle Number	CM000_CMCNUMBER
0 (cont.)	Control Collection Method	CM000_CNTRLLCOLLECTMETHOD
0 (cont.)	Control Collection Method - Text	CM000_CNTRLCOLLECTMETHODTXT
1	Ambient Temperature	CM001_AMBIENTTEMP
1 (cont.)	Ambient Temperature Sign	CM001_AMBIENTTEMPSIGN
2	Weather Description	CM002_WEATHER
2 (cont.)	Weather Description - Text	CM002_WEATHERTXT
3	Wind Description	CM003_WINDSTRENGTH
3 (cont.)	Wind Description - Text	CM003_WINDSTRENGTHTXT
4	Wind Direction With Respect to Motorcycle Path	CM004_WINDDIRECTIONWRTMCPATH
4 (cont.)	Wind Direction With Respect to Motorcycle	CM004_WINDDIRECTIONWRTMCPATHTXT
	Path - Text	
5	Manufacture	CM005_MANUFACTURE
5 (cont.)	Manufacture - Text	CM005_MANUFACTURETXT
6	Model	CM006_MODELTXT
7	Year	CM007_YEAR
8	Motorcycle Legal Category	CM008_MCLEGALCATEGORY
8 (cont.)	Motorcycle Legal Category - Text	CM008_MCLEGALCATEGORYTXT
9	Motorcycle Type	CM009_MCTYPE
9 (cont.)	Motorcycle Type - Text	CM009_MCTYPETXT
10	Motorcycle Weight	CM010_MCWEIGHT
11	Vehicle Identification Number (VIN)	CM011_VIN
12	Odometer Reading in Miles	CM012_ODOMETERREADING
13	Registered Owner Category	CM013_REGOWNERCATEGORY
13 (cont.)	Registered Owner Category - Text	CM013_REGOWNERCATEGORYTXT
13 (cont.)		CM013_REGOWNERCATEGORTTAT CM014_MCCOLOR
	Predominant Color of Motorcycle Predominant Color of Motorcycle - Text	
14 (cont.) 15	Did the Motorcycle Have Any Retroreflective Parts, Material or Paint?	CM014_MCCOLORTXT CM015_MCRETROFLECTIVE
15 (cont.)	Did the Motorcycle Have Any Retroreflective Parts, Material or Paint - Text	CM015_MCRETROFLECTIVETXT
16	Motor Displacement	CM016_MCMOTORDISPLACEMENT
17	Number of Cylinder	CM017_MCNUMBCYLINDER
18	Number of Passengers	CM018_NUMBEROFPASSENGER
19		
19 (cont.)	Cargo/luggage on motorcycle (Code up to 3), Item 1 Cargo/luggage on motorcycle (Code up to 3),	CM019_CARGOONMC1 CM019_CARGOONMC2
19 (cont.)	Item 2 Cargo/luggage on motorcycle (Code up to 3), Item 3	CM019_CARGOONMC3
19 (cont.)	Cargo/luggage on motorcycle - Text	CM019_CARGOONMCTXT
20	Are The Tires Original Equipment	CM020_TIRESORIGEQUIP
20 (cont.)	Are The Tires Original Equipment - Text	CM020_TIRESORIGEQUIPTXT
21	Front Tire Thread Type	CM021_FRONTTIRETREADTYPE
21 (cont.)	Front Tire Thread Type - Text	CM021_FRONTTIRETREADTYPETXT
21 (cont.)	Rear Tire Thread Type	CM021_REARTIRETREADTYPE
21 (cont.)	Rear Tire Thread Type - Text	CM021_REARTIRETREADTYPETXT
22	Front Tire Measured Thread Depth	CM022_FRONTTIRETREADDEPTH
22 (cont.)	Rear Tire Measured Thread Depth	CM022_PRONTTRETREADDEFTH CM022_REARTIRETREADDEPTH
23	Are The Wheels Original Equipment	
		CM023_WHEELSORIGEQUIP
23 (cont.)	Are The Wheels Original Equipment - Text	CM023_WHEELSORIGEQUIPTXT
24	Is The Suspension Original Equipment	CM024_SUSPENSIONORIGEQUIP
24 (cont.)	Is The Suspension Original Equipment - Text	CM024_SUSPENSIONORIGEQUIPTXT
25	Suspension Type Front	CM025_FRONTSUSPENSIONTYPE
	Suspension Type Front - Text	CM025_FRONTSUSPENSIONTYPETXT
25 (cont.)		
25 (cont.) 26	Suspension Type Rear	CM026_REARSUSPENSIONTYPE

Variable Number	Variable	SAS® and Excel TM Name
27 (cont.)	Rider Brake Control Type 1 - Text	CM027_BRAKECONTROLTYPE1TXT
27 (cont.)	Rider Brake Control Type 2	CM027_BRAKECONTROLTYPE2
27 (cont.)	Rider Brake Control Type 2 - Text	CM027_BRAKECONTROLTYPE2TXT
28	Rider Brake Control System Type 1	CM028_BRAKECONTROLSYSTYPE1
28 (cont.)	Rider Brake Control System Type 2	CM028_BRAKECONTROLSYSTYPE2
29	Front ABS?	CM029_FRONTBRAKEABS
29 (cont.)	Rear ABS?	CM029_REARBRAKEABS
30	Has The Frame Been Modified	CM030_FRAMEMODIFIED
	Has The Frame Been Modified - Text	CM030_FRAMEMODIFIEDTXT
30 (cont.)		
31	Frame Type/Configuration	CM031_FRAMETYPE
31 (cont.)	Frame Type/Configuration - Text	CM031_FRAMETYPETXT
32	Is the Motorcycle Equipped with Pedals?	CM032_MCPEDALSEQUIPPED
33	Headlamp Assembly Type	CM033_HEADLAMPASSYTYPE
33 (cont.)	Headlamp Assembly Type - Text	CM033_HEADLAMPASSYTYPETXT
34	Headlamp Illuminated Prior To Stopping For The Interview	CM034_HEADLAMPLITATINTERVIEW
34 (cont.)	Headlamp Illuminated Prior To Stopping For The Interview - Text	CM034_HEADLAMPLITATINTERVIEWTXT
35	Was Motorcycle Equipped With as Airbag?	CM035_AIRBAGEQUIPPED
36	Is Motorcycle Equipped With or Pulling Any of the Following	CM036_MCPULLINGATTACHMENT
36 (cont.)	Is Motorcycle Equipped With or Pulling Any of the Following - Text	CM036_MCPULLINGATTACHMENTTXT
37	Have The Handlebars Been Modified	CM037_HANDLEBARMODIFIED
37 (cont.)	Is Motorcycle Equipped With or Pulling Any of the Following - Text	CM037_HANDLEBARMODIFIEDTXT
38	Has The Seat Been Modified	CM038_SEATMODIFIED
38 (cont.)	Has The Seat Been Modified - Text	CM038_SEATMODIFIEDTXT
39	Seat Type	CM039_SEATTYPE
39 (cont.)	Seat Type - Text	CM039_SEATTYPETXT
40	Has The Exhaust System Been Modified	CM040_EXHAUSTMODIFIED
	Has The Exhaust System Been Modified - Text	CM040_EXHAUSTMODIFIEDTXT
40 (cont.)	Has The Windshield Been Modified Has The Windshield Been Modified	
	Has The Windshield Been Modified - Text	CM041_WINDSHIELDMODIFIED
41 (cont.)		CM041_WINDSHIELDMODIFIEDTXT
42 (cont.)	Is This Motorcycle Equipped With Crash Bars Is This Motorcycle Equipped With Crash Bars - Text	CM042_CRASHBAREQUIPPED CM042_CRASHBAREQUIPPEDTXT
43		CM043_ENGINEGUARDEQUIPPED
	Is This Motorcycle Equipped With Engine Guards	
43 (cont.)	Is This Motorcycle Equipped With Engine Guards - Text	CM043_ENGINEGUARDEQUIPPEDTXT
44	Front crash bars - Aftermarket	CM044_FRONTCRASHBARS_AFTMKT
44 (cont.)	Front crash bars - Damaged in Crash	CM044_FRONTCRASHBARS_DMG
44 (cont.)	Front crash bars - Equipped	CM044_FRONTCRASHBARS_EQUIP
44 (cont.)	Front crash bars - Modified	CM044_FRONTCRASHBARS_MOD
44 (cont.)	Front crash bars - Operational	CM044_FRONTCRASHBARS_OPER
44 (cont.)	Front crash bars - Original Equipment	CM044_FRONTCRASHBARS_ORIG
45	Rear crash bars - Aftermarket	CM045_REARCRASHBARS_AFTMKT
45 (cont.)	Rear crash bars - Damaged in Crash	CM045_REARCRASHBARS_DMG
45 (cont.)	Rear crash bars - Equipped	CM045_REARCRASHBARS_EQUIP
45 (cont.)	Rear crash bars - Modified	CM045_REARCRASHBARS_MOD
45 (cont.)	Rear crash bars - Operational	CM045_REARCRASHBARS_OPER
45 (cont.) 46	Rear crash bars - Original Equipment	CM045_REARCRASHBARS_ORIG
	Engine guard - Aftermarket	CM046_ENGINEGUARD_AFTMKT
46 (cont.)	Engine guard - Damaged in Crash	CM046_ENGINEGUARD_DMG
46 (cont.)	Engine guard - Equipped	CM046_ENGINEGUARD_EQUIP
46 (cont.)	Engine guard - Modified	CM046_ENGINEGUARD_MOD
46 (cont.)	Engine guard - Operational	CM046_ENGINEGUARD_OPER
46 (cont.)	Engine guard - Original Equipment	CM046_ENGINEGUARD_ORIG
47	Windscreen - Aftermarket	CM047_WINDSHIELD_AFTMKT
	Windscreen - Damaged in Crash	CM047_WINDSHIELD_DMG

Variable Number	Variable	SAS® and Excel TM Name
47 (cont.)	Windscreen - Equipped	CM047_WINDSHIELD_EQUIP
47 (cont.)	Windscreen - Modified	CM047_WINDSHIELD_MOD
47 (cont.)	Windscreen - Operational	CM047_WINDSHIELD_OPER
47 (cont.)	Windscreen - Original Equipment	CM047_WINDSHIELD_ORIG
48	Fairing, handlebar or steering mounted - Aftermarket	CM048_FAIRING_AFTMKT
48 (cont.)	Fairing, handlebar or steering mounted - Damaged in Crash	CM048_FAIRING_DMG
48 (cont.)	Fairing, handlebar or steering mounted - Equipped	CM048_FAIRING_EQUIP
48 (cont.)	Fairing, handlebar or steering mounted - Modified	CM048_FAIRING_MOD
48 (cont.)	Fairing, handlebar or steering mounted - Operational	CM048_FAIRING_OPER
48 (cont.)	Fairing, handlebar or steering mounted - Original Equipment	CM048_FAIRING_ORIG
49	Fairing, frame mounted - Aftermarket	CM049_FAIRINGMOUNT_AFTMKT
49 (cont.)	Fairing, frame mounted - Damaged in Crash	CM049_FAIRINGMOUNT_DMG
49 (cont.)	Fairing, frame mounted - Equipped	CM049_FAIRINGMOUNT_EQUIP
49 (cont.)	Fairing, frame mounted - Modified	CM049_FAIRINGMOUNT_MOD
49 (cont.)	Fairing, frame mounted - Operational	CM049_FAIRINGMOUNT_OPER
49 (cont.)	Fairing, frame mounted - Original Equipment	CM049_FAIRINGMOUNT_ORIG
50	Headlamp nacelle - Equipped	CM050_HEADLAMPNACELLE_EQUIP
50 (cont.)	Headlamps - Aftermarket	CM050_HEADLAMPS_AFTMKT
50 (cont.)	Headlamps - Damaged in Crash	CM050_HEADLAMPS_DMG
50 (cont.)	Headlamps - Equipped	CM050_HEADLAMPS_EQUIP
50 (cont.)	Headlamps - Modified	CM050_HEADLAMPS_MOD
50 (cont.)	Headlamps - Operational	CM050_HEADLAMPS_OPER
50 (cont.)	Headlamps - Original Equipment	CM050_HEADLAMPS_ORIG
51	Headlamp nacelle - Aftermarket	CM051_AUXHEADLAMP_EQUIP
51 (cont.)	Headlamp nacelle - Damaged in Crash	CM051_HEADLAMPNACELLE_AFTMKT
51 (cont.)	Headlamp nacelle - Modified	CM051_HEADLAMPNACELLE_DMG
51 (cont.)	Headlamp nacelle - Operational	CM051_HEADLAMPNACELLE_MOD
51 (cont.)	Headlamp nacelle - Original Equipment	CM051_HEADLAMPNACELLE_OPER
51 (cont.)	Auxiliary headlamp - Aftermarket	CM051_HEADLAMPNACELLE_ORIG
52	Auxiliary headlamp - Damaged in Crash	CM052_AUXHEADLAMP_AFTMKT
52 (cont.)	Auxiliary headlamp - Equipped	CM052_AUXHEADLAMP_DMG
52 (cont.)	Auxiliary headlamp - Modified	CM052_AUXHEADLAMP_MOD
52 (cont.)	Auxiliary headlamp - Operational	CM052_AUXHEADLAMP_OPER
52 (cont.)	Auxiliary headlamp - Original Equipment	CM052_AUXHEADLAMP_ORIG
53	Front position lamp - Aftermarket	CM053_FRONTPOSITIONLAMP_AFTMKT
53 (cont.)	Front position lamp - Damaged in Crash	CM053_FRONTPOSITIONLAMP_DMG
53 (cont.)	Front position lamp - Equipped	CM053_FRONTPOSITIONLAMP_EQUIP
53 (cont.)	Front position lamp - Modified	CM053_FRONTPOSITIONLAMP_MOD
53 (cont.)	Front position lamp - Operational	CM053_FRONTPOSITIONLAMP_OPER
53 (cont.)	Front position lamp - Original Equipment	CM053_FRONTPOSITIONLAMP_ORIG
54	Front reflector, yellow - Aftermarket	CM054_FRONTREFLECTORYEL_AFTMKT
54 (cont.)	Front reflector, yellow - Damaged in Crash	CM054_FRONTREFLECTORYEL_DMG
54 (cont.)	Front reflector, yellow - Equipped	CM054_FRONTREFLECTORYEL_EQUIP
54 (cont.)	Front reflector, yellow - Modified	CM054_FRONTREFLECTORYEL_MOD
54 (cont.)	Front reflector, yellow - Operational	CM054_FRONTREFLECTORYEL_OPER
54 (cont.)	Front reflector, yellow - Original Equipment	CM054_FRONTREFLECTORYEL_ORIG
55	Front reflector, white - Aftermarket	CM055_FRONTREFLECTORWHT_AFTMKT
55 (cont.)	Front reflector, white - Damaged in Crash	CM055_FRONTREFLECTORWHT_DMG
55 (cont.)	Front reflector, white - Equipped	CM055_FRONTREFLECTORWHT_EQUIP
55 (cont.)	Front reflector, white - Equipped Front reflector, white - Modified	CM055_FRONTREFLECTORWHT_MOD
55 (cont.)	Front reflector, white - Modified Front reflector, white - Operational	CM055_FRONTREFLECTORWHT_MOD CM055_FRONTREFLECTORWHT_OPER
	Front reflector, white - Operational Front reflector, white - Original Equipment	
55 (cont.)		CM055_FRONTREFLECTORWHT_ORIG
56	Front reflector, red - Damaged in Crash	CM056_FRONTREFLECTORRED_AFTMKT
56 (cont.)	Front reflector, red - Aftermarket	CM056_FRONTREFLECTORRED_DMG

Variable Number	Variable	SAS® and Excel TM Name
56 (cont.)	Front reflector, red - Equipped	CM056_FRONTREFLECTORRED_EQUIP
56 (cont.)	Front reflector, red - Modified	CM056_FRONTREFLECTORRED_MOD
56 (cont.)	Front reflector, red - Operational	CM056_FRONTREFLECTORRED_OPER
56 (cont.)	Front reflector, red - Original Equipment	CM056_FRONTREFLECTORRED_ORIG
57	Front reflector, silver - Aftermarket	CM057_FRONTREFLECTORSIL_AFTMKT
57 (cont.)	Front reflector, silver - Damaged in Crash	CM057_FRONTREFLECTORSIL_DMG
57 (cont.)	Front reflector, silver - Equipped	CM057_FRONTREFLECTORSIL_EQUIP
57 (cont.)	Front reflector, silver - Modified	CM057_FRONTREFLECTORSIL_MOD
57 (cont.)	Front reflector, silver - Operational	CM057_FRONTREFLECTORSIL_OPER
57 (cont.)	Front reflector, silver - Original Equipment	CM057_FRONTREFLECTORSIL_ORIG
57 (cont.)	Front turn signals - Aftermarket	CM057_FRONTTURNSIGNALS_ORIG
58	Front turn signals - Damaged in Crash	CM058_FRONTTURNSIGNALS_AFTMKT
58 (cont.)	Front turn signals - Equipped	CM058_FRONTTURNSIGNALS_DMG
58 (cont.)	Front turn signals - Modified	CM058_FRONTTURNSIGNALS_EQUIP
58 (cont.)	Front turn signals - Operational	CM058_FRONTTURNSIGNALS_MOD
58 (cont.)	Front turn signals - Original Equipment	CM058_FRONTTURNSIGNALS_OPER
59	Speedometer - Aftermarket	CM059_SPEEDOMETER_AFTMKT
59 (cont.)	Speedometer - Damaged in Crash	CM059_SPEEDOMETER_DMG
59 (cont.)	Speedometer - Equipped	CM059_SPEEDOMETER_EQUIP
59 (cont.)	Speedometer - Modified	CM059_SPEEDOMETER_MOD
59 (cont.)	Speedometer - Operational	CM059_SPEEDOMETER_OPER
59 (cont.)	Speedometer - Original Equipment	CM059_SPEEDOMETER_ORIG
60	Tachometer - Aftermarket	CM060_TACHOMETER_AFTMKT
60 (cont.)	Tachometer - Damaged in Crash	CM060_TACHOMETER_DMG
60 (cont.)	Tachometer - Equipped	CM060_TACHOMETER_EQUIP
60 (cont.)	Tachometer - Modified	CM060_TACHOMETER_MOD
60 (cont.)	Tachometer - Operational	CM060_TACHOMETER_OPER
60 (cont.)	Tachometer - Original Equipment	CM060_TACHOMETER_ORIG
61	Handlebars - Aftermarket	CM061_HANDLEBARS_AFTMKT
61 (cont.)	Handlebars - Damaged in Crash	CM061_HANDLEBARS_DMG
61 (cont.)	Handlebars - Equipped	CM061_HANDLEBARS_EQUIP
61 (cont.)	Handlebars - Modified	CM061_HANDLEBARS_MOD
61 (cont.)	Handlebars - Operational	CM061_HANDLEBARS_OPER
61 (cont.)	Handlebars - Original Equipment	CM061_HANDLEBARS_ORIG
62	Throttle - Aftermarket	CM062_THROTTLE_AFTMKT
62 (cont.)	Throttle - Damaged in Crash	CM062_THROTTLE_DMG
62 (cont.)	Throttle - Equipped	CM062_THROTTLE_EQUIP
62 (cont.)	Throttle - Modified	CM062_THROTTLE_MOD
62 (cont.)	Throttle - Operational	CM062_THROTTLE_OPER
62 (cont.)	Throttle - Original Equipment	CM062_THROTTLE_ORIG
63	Clutch lever - Aftermarket	CM063_CLUTCHLEVER_AFTMKT
63 (cont.)	Clutch lever - Damaged in Crash	CM063_CLUTCHLEVER_DMG
63 (cont.)	Clutch lever - Equipped	CM063_CLUTCHLEVER_EQUIP
63 (cont.)	Clutch lever - Modified	CM063_CLUTCHLEVER_MOD
63 (cont.)	Clutch lever - Operational	CM063_CLUTCHLEVER_OPER
63 (cont.)	Clutch lever - Original Equipment	CM063_CLUTCHLEVER_ORIG
64	Brake lever - Aftermarket	CM064_BRAKELEVER_AFTMKT
64 (cont.)	Brake lever - Damaged in Crash	CM064_BRAKELEVER_DMG
64 (cont.)	Brake lever - Equipped	CM064_BRAKELEVER_EQUIP
64 (cont.)	Brake lever - Modified	CM064_BRAKELEVER_MOD
64 (cont.)	Brake lever - Operational	CM064_BRAKELEVER_OPER
64 (cont.)	Brake lever - Original Equipment	CM064_BRAKELEVER_ORIG
65	Right side rear view mirrors, posts - Aftermarket	CM065_RGTMIRRORPOST_AFTMKT
65 (cont.)	Right side rear view mirrors, posts - Damaged in Crash	CM065_RGTMIRRORPOST_DMG
65 (cont.)	Right side rear view mirrors, posts - Equipped	CM065_RGTMIRRORPOST_EQUIP
65 (cont.)	Right side rear view mirrors, posts - Modified	CM065_RGTMIRRORPOST_MOD
65 (cont.)	Right side rear view mirrors, posts -	CM065_RGTMIRRORPOST_OPER
,	Operational	

66 (cont.) 67 Left side rear view mirrors, posts - Original Equipment 68 Left side rear view mirrors, posts - Athermarket 69 Left side rear view mirrors, posts - Damaged in CM066 LFTMIRRORPOST_DMG 60 (cont.) Left side rear view mirrors, posts - Equipped 60 (cont.) Left side rear view mirrors, posts - Modified 60 (cont.) Left side rear view mirrors, posts - Modified 60 (cont.) Left side rear view mirrors, posts - Modified 60 (cont.) Left side rear view mirrors, posts - Modified 60 (cont.) Left side rear view mirrors, posts - Original Equipment 60 (cont.) Left side rear view mirrors, posts - Original Equipment 61 Cont.	Variable Number	Variable	SAS® and Excel TM Name
66 Left side rear view mirrors, posts - Aftermarket 6 (cont.) Left side rear view mirrors, posts - Damaged in Crash 66 (cont.) Left side rear view mirrors, posts - Damaged in 66 (cont.) Left side rear view mirrors, posts - Modified 66 (cont.) Left side rear view mirrors, posts - Modified 66 (cont.) Left side rear view mirrors, posts - Operational 66 (cont.) Left side rear view mirrors, posts - Operational 67 (cont.) Left side rear view mirrors, posts - Operational 68 (cont.) Left side rear view mirrors, posts - Operational 67 (cont.) Front suspension - Aftermarket 67 (cont.) Front suspension - Aftermarket 67 (cont.) Front suspension - Damaged in Crash 67 (cont.) Front suspension - Damaged in Crash 67 (cont.) Front suspension - Damaged in Crash 68 (cont.) Front suspension - Operational 68 (cont.) Front suspension - Operational 68 (cont.) Front suspension - Operational 68 (cont.) Front tisue-pression - Operational 68 (cont.) Front tisue-pression - Operational 68 (cont.) Front tisue-pression - Operational 69 (cont.) Front tisue-pression - Operational 69 (cont.) Front tisue-pression - Operational 60 (cont.) Front tisue-pression - Operational 60 (cont.) Front tisue-pression - Operational 61 (cont.) Front tisue-pression - Operational 62 (cont.) Front tisue-pression - Operational 63 (cont.) Front tisue-pression - Operational 64 (cont.) Front tisue-pression - Operational 65 (cont.) Front tisue-pression - Operational 66 (cont.) Front tisue-pression - Operational 67 (cont.) Front tisue-pression - Operational 68 (cont.) Front tisue-pression - Operational 69 (cont.) Front tisue-pression - Operational 69 (cont.) Front tisue-pression - Operational 60 (cont.) Front fender - Operational 60 (cont.) Front fender - Altermarket 60 (cont.) Front fender - Damaged in Crash 61 (cont.) Front fender - Operational 62 (cont.) Front fender - Operational 63 (cont.) Front fender - Operational 64 (cont.) Front fender - Operational 65 (cont.) Front fender - Operational 66 (cont.) Front fender - Operational 67 (cont.) Front fender - Operational	65 (cont.)		CM065_RGTMIRRORPOST_ORIG
Crash Count.) Left side rear view mirrors, posts - Equipped 66 (cont.) Left side rear view mirrors, posts - Modified 66 (cont.) Left side rear view mirrors, posts - Operational 66 (cont.) Left side rear view mirrors, posts - Operational 67 (cont.) Left side rear view mirrors, posts - Operational 68 (cont.) Left side rear view mirrors, posts - Operational 69 (cont.) Left side rear view mirrors, posts - Operational 60 (cont.) Front suspension - Aftermarket 60 (cont.) Front suspension - Aftermarket 61 (cont.) Front suspension - Department 62 (cont.) Front suspension - Department 63 (cont.) Front suspension - Operational 64 (cont.) Front suspension - Operational 65 (cont.) Front suspension - Operational 66 (cont.) Front suspension - Operational 67 (cont.) Front suspension - Operational 68 (cont.) Front suspension - Operational 69 (cont.) Front suspension - Original Equipment 60 (cont.) Front suspension - Original Equipment 60 (cont.) Front tire-wheel - Aftermarket 61 (cont.) Front tire-wheel - Aftermarket 62 (cont.) Front tire-wheel - Aftermarket 63 (cont.) Front tire-wheel - Aftermarket 64 (cont.) Front tire-wheel - Modified 65 (cont.) Front tire-wheel - Original Equipment 66 (cont.) Front tire-wheel - Original Equipment 67 (cont.) Front fire-wheel - Original Equipment 68 (cont.) Front fire-wheel - Original Equipment 69 (cont.) Front fire-wheel - Machine 69 (cont.) Front fire- Aftermarket 60 (cont.) Front fire- Aftermarket 60 (cont.) Front fire- Aftermarket 60 (cont.) Front fire- Department 60 (cont.) Front fire- Department 60 (cont.) Front fire- Operational 60 (cont.) Front fir	66		CM066_LFTMIRRORPOST_AFTMKT
Left side rear view mirrors, posts - Modified CM066_LFTMIRRORPOST_OPER	66 (cont.)	Left side rear view mirrors, posts - Damaged in	
Geolust Left side rear view mirrors, posts - Original Equipment CM066_LFTMIRRORPOST_OPER	66 (cont.)	Left side rear view mirrors, posts - Equipped	CM066_LFTMIRRORPOST_EQUIP
Left side rear view mirrors, posts - Original Equipment	66 (cont.)		CM066_LFTMIRRORPOST_MOD
Equipment CM067_FRONTSUSPENSION_AFTMKT	66 (cont.)	Left side rear view mirrors, posts - Operational	CM066_LFTMIRRORPOST_OPER
67 (cont.) Front suspension - Bamaged in Crash CM067_FRONTSUSPENSION_DMG 67 (cont.) Front suspension - Haptipped CM067_FRONTSUSPENSION_DGUIP 67 (cont.) Front suspension - Modified CM067_FRONTSUSPENSION_MOD 67 (cont.) Front suspension - Operational CM067_FRONTSUSPENSION_OPER 67 (cont.) Front suspension - Operational CM067_FRONTSUSPENSION_ORIG 68 Front brakes - Original Equipment CM068_FRONTWHEEL_AFI_MKT 68 (cont.) Front tire/wheel - Damaged in Crash CM068_FRONTWHEEL_AFI_MKT 68 (cont.) Front tire/wheel - Damaged in Crash CM068_FRONTWHEEL_DMG 68 (cont.) Front tire/wheel - Operational CM068_FRONTWHEEL_DMG 68 (cont.) Front tire/wheel - Operational CM068_FRONTWHEEL_OPER 68 (cont.) Front tire/wheel - Operational CM068_FRONTWHEEL_OPER 69 (cont.) Front finder - Aftermarket CM068_FRONTWHEEL_OPER 69 (cont.) Front finder - Aftermarket CM069_FRONTFENDER_AFIMKT 69 (cont.) Front fender - Damaged in Crash CM069_FRONTFENDER_AFIMKT 69 (cont.) Front fender - Damaged in Crash CM069_FRONTFENDER_BEQUIP 69 (cont.) Front fender - Damaged in Crash CM069_FRONTFENDER_BEQUIP 69 (cont.) Front fender - Damaged in Crash CM069_FRONTFENDER_BEQUIP 69 (cont.) Front fender - Modified CM069_FRONTFENDER_DMG 69 (cont.) Front fender - Operational CM069_FRONTFENDER_BEQUIP 69 (cont.) Front fender - Operational CM069_FRONTFENDER_BEQUIP 70 (cont.) Front fender - Operational CM069_FRONTFENDER_BEQUIP 70 (cont.) Front fender - Operational CM069_FRONTFENDER_BEQUIP 70 (cont.) Front brakes - Damaged in Crash CM070_FRONTBRAKES_DMG 70 (cont.) Front brakes - Operational CM070_FRONTBRAKES_DMG 70 (cont.) Front brakes - Operational CM070_FRONTBRAKES_DMG 71 (cont.) Front brakes - Operational CM070_FRONTBRAKES_DMG 71 (cont.) Front brakes - Operational CM071_SEAT_AFIMKT 71 (cont.) Seat - Andrified CM071_SEAT_AFIMKT 71 (cont.) Seat - Modified CM071_SEAT_AFIMKT 72 (cont.) Sissy barpassenger back rest - Damaged in Crash CM071_SEAT_AFIMKT 73 (cont.) Side reflectors, yellow - Aftermarket CM072_MCPBACKREST_ORIG 74 (cont.) Side reflectors, yellow - Damaged in Crash CM073_SIDE	66 (cont.)		CM066_LFTMIRRORPOST_ORIG
67 (cont.) Front suspension - Equipped CM067_FRONTSUSPENSION_EQUIP 67 (cont.) Front suspension - Modified CM067_FRONTSUSPENSION_OPER 67 (cont.) Front suspension - Operational CM067_FRONTSUSPENSION_OPER 68 (cont.) Front suspension - Original Equipment CM067_FRONTSUSPENSION_ORIG 68 (cont.) Front tire/wheel - Aftermarket CM068_FRONTWHEEL_AFTMKT 68 (cont.) Front tire/wheel - Damaged in Crash CM068_FRONTWHEEL_AFTMKT 68 (cont.) Front tire/wheel - Damaged in Crash CM068_FRONTWHEEL_DMG 68 (cont.) Front tire/wheel - Equipped CM068_FRONTWHEEL_DMG 68 (cont.) Front tire/wheel - Modified CM068_FRONTWHEEL_DRIG 69 (cont.) Front tire/wheel - Original Equipment CM068_FRONTWHEEL_DRIG 69 Front tire/wheel - Original Equipment CM069_FRONTFENDER_DMG 69 (cont.) Front fender - Aftermarket CM069_FRONTFENDER_DMG 69 (cont.) Front fender - Admired the CM069_FRONTFENDER_DMG 69 (cont.) Front fender - Modified CM069_FRONTFENDER_DMG 69 (cont.) Front fender - Operational CM069_FRONTFENDER_OPER 69 (cont.) Front fender - Operational CM069_FRONTFENDER_DMG 69 (cont.) Front brakes - Aftermarket CM070_FRONTBRAKES_DMG 60 (cont.) Front brakes - Aftermarket CM070_FRONTBRAKES_DMG 61 (cont.) Front brakes - Aftermarket CM070_FRONTBRAKES_DMG 62 (cont.) Front brakes - Modified CM070_FRONTBRAKES_DMG 63 (cont.) Front brakes - Modified CM071_SEAT_DMG 64 (cont.) Seat - Aftermarket CM071_SEAT_DMG 65 (cont.) Sissy bar/passenger back rest - Demaged in Crash CM071_SEAT_DMG 67 (cont.) Seat - Operational CM071_SEAT_DMG 67 (cont.) Sissy bar/passenger back rest - Demaged in Crash CM071_SEAT_DMG 67 (cont.) Sissy bar/passenger back rest - Operational CM071_SE	67		CM067_FRONTSUSPENSION_AFTMKT
Front suspension - Modified			
67 (cont.) Front suspension - Operational CM067_FRONTSUSPENSION_OPER 68 (cont.) Front brakes - Original Equipment CM068_FRONTSUSPENSION_ORIG 68 (cont.) Front tire/wheel - Aftermarket CM068_FRONTWHEEL_DMG 68 (cont.) Front tire/wheel - Aftermarket CM068_FRONTWHEEL_DMG 68 (cont.) Front tire/wheel - Amaged in Crash CM068_FRONTWHEEL_DMG 68 (cont.) Front tire/wheel - Managed in Crash CM068_FRONTWHEEL_DMG 68 (cont.) Front tire/wheel - Modified CM068_FRONTWHEEL_MOD 68 (cont.) Front tire/wheel - Modified CM068_FRONTWHEEL_DORIG 69 Front tire/wheel - Original Equipment CM068_FRONTWHEEL_ORIG 69 Front tire/wheel - Original Equipment CM069_FRONTHENDER_AFIMKT 69 (cont.) Front fender - Aftermarket CM069_FRONTHENDER_AFIMKT 69 (cont.) Front fender - Damaged in Crash CM069_FRONTHENDER_AFIMKT 69 (cont.) Front fender - Damaged in Crash CM069_FRONTHENDER_AFIMKT 69 (cont.) Front fender - Deprational CM069_FRONTHENDER_ORIG 69 (cont.) Front fender - Operational CM069_FRONTHENDER_ORIG 69 (cont.) Front fender - Operational CM069_FRONTHENDER_ORIG 70 Front fender - Operational CM069_FRONTHENDER_ORIG 71 Front brakes - Aftermarket CM070_FRONTBRAKES_DMG 70 (cont.) Front brakes - Aftermarket CM070_FRONTBRAKES_DMG 70 (cont.) Front brakes - Aftermarket CM070_FRONTBRAKES_ORIG 70 (cont.) Front brakes - Modified CM069_FRONTHENDER_ORIG 71 (cont.) Front brakes - Operational CM070_FRONTBRAKES_ORIG 72 (cont.) Front brakes - Operational CM070_FRONTBRAKES_ORIG 73 (cont.) Front brakes - Operational CM070_FRONTBRAKES_ORIG 74 (cont.) Seat - Damaged in Crash CM070_FRONTBRAKES_ORIG 75 (cont.) Seat - Damaged in Crash CM070_FRONTBRAKES_ORIG 76 (cont.) Seat - Modified CM071_SEAT_DMG 77 (cont.) Seat - Damaged in Crash CM071_SEAT_ORIG 78 (cont.) Seat - Modified CM071_SEAT_ORIG 79 (cont.) Seat - Modified CM071_SEAT_ORIG 70 (cont.) Seat - Modified CM071_SEAT_ORIG 71 (cont.) Seat - Modified CM071_SEAT_ORIG 72 (cont.) Sissy bar/passenger back rest - Aftermarket CM071_SEAT_ORIG 73 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_ORIG 74 (cont.) Sid			
67 (cont.) Front brakes - Original Equipment (CM067_FRONTSUSPENSION_ORIG 68 (cont.) Front tire/wheel - Altermarket (CM068_FRONTWHEEL_AFIMKT 68 (cont.) Front tire/wheel - Damaged in Crash (CM068_FRONTWHEEL_DMG 68 (cont.) Front tire/wheel - Damaged in Crash (CM068_FRONTWHEEL_DMG 68 (cont.) Front tire/wheel - Equipped (CM068_FRONTWHEEL_DMG 68 (cont.) Front tire/wheel - Use of CM068_FRONTWHEEL_ORIG 69 (cont.) Front tire/wheel - Organial Equipment (CM068_FRONTWHEEL_ORIG 69 (cont.) Front fender - Aftermarket (CM069_FRONTENDER_AFIMKT 69 (cont.) Front fender - Antermarket (CM069_FRONTENDER_AFIMKT 69 (cont.) Front fender - Equipped (CM069_FRONTENDER_DMG 69 (cont.) Front fender - Damaged in Crash (CM069_FRONTENDER_DMG DMG 69 (cont.) Front fender - Modified (CM069_FRONTENDER_DMG DMG 69 (cont.) Front fender - Modified (CM069_FRONTENDER_CM00 DMG 69 (cont.) Front fender - Organial Equipment (CM069_FRONTENDER_CM00 DMG 69 (cont.) Front fender - Organial Equipment (CM069_FRONTENDER_CM00 DMG 69 (cont.) Front fender - Organial Equipment (CM069_FRONTENDER_CM00 DMG 69 (cont.) Front fender - Organial Equipment (CM069_FRONTENDER_CM00 DMG 69 (cont.) Front fender - Organial Equipment (CM070_FRONTBRAKES_MOD CM070_FRONTBRAKES_MOD DMG 69 (cont.) Front fender - Organial Equipment (CM070_FRONTBRAKES_MOD CM070_FRONTBRAKES_MOD DMG 69 (cont.) Front fender_CM070_FRONTBRAKES_MOD CM070_FRONTBRAKES_MOD DMG 69 (cont.) Front fender_CM070_FRONTBRAKES_MOD CM070_FRONTBRAKES_MOD CM070_FRONTBR			
68 Front brakes - Original Equipment 68 (cont.) 68 (cont.) 69 Front tire/wheel - Aftermarket 68 (cont.) 69 Cont.) 69 Front tire/wheel - Equipped 69 (cont.) 69 Front tire/wheel - Equipped 69 Cont.) 69 Front tire/wheel - Operational 69 (cont.) 69 Front tire/wheel - Original Equipment 69 (cont.) 69 Front tire/wheel - Original Equipment 69 (cont.) 69 Front fire/wheel - Original Equipment 69 (cont.) 69 Front fire/wheel - Original Equipment 69 (cont.) 69 Front fender - Aftermarket 69 (cont.) 69 Front fender - Damaged in Crash 69 (cont.) 69 Front fender - Modified 69 (cont.) 69 Front fender - Modified 69 (cont.) 69 Front fender - Modified 69 (cont.) 60 (cont.) 60 Front fender - Modified 60 (cont.) 60 Front fender - Original Equipment 60 (cont.) 60 Front fender - Modified 60 (cont.) 60 Front fender - Original Equipment 60 (cont.) 60 Front fender - Modified 60 (cont.) 60 Front fender - Modified 60 (cont.) 60 Front fender - Original Equipment 60 (cont.) 60 Front fender - Original Equipment 60 (cont.) 60 Front fender - Modified 60 Front fender - Modifie			
68 (cont.) Front tire/wheel - Aftermarket CM068 FRONTWHEEL DMG 68 (cont.) Front tire/wheel - Damaged in Crash CM068 FRONTWHEEL EQUIP 68 (cont.) Front tire/wheel - Equipped CM068 FRONTWHEEL DVER 68 (cont.) Front tire/wheel - Modified CM068 FRONTWHEEL OPER 69 (cont.) Front tire/wheel - Operational CM068 FRONTWHEEL OPER 69 (cont.) Front tire/wheel - Operational CM069 FRONTWHEEL OPER 69 (cont.) Front fender - CM069 FRONTWHEEL OPER 69 (cont.) Front fender - Aftermarket CM069 FRONTFENDER AFTMKT 69 (cont.) Front fender - Aftermarket CM069 FRONTFENDER DMG 69 (cont.) Front fender - Equipped CM069 FRONTFENDER DMG 69 (cont.) Front fender - Equipped CM069 FRONTFENDER MOD 69 (cont.) Front fender - Graph CM069 FRONTFENDER OPER 69 (cont.) Front fender - Original Equipment CM069 FRONTFENDER OPER 70 (cont.) Front fender - Original Equipment CM069 FRONTFENDER OPER 70 (cont.) Front brakes - Aftermarket CM070 FRONTBRAKES AFTMKT 71 (cont.) Front brakes - Damaged in Crash CM070 FRONTBRAKES DMG 70 (cont.) Front brakes - Damaged in Crash CM070 FRONTBRAKES DMG 70 (cont.) Front brakes - Operational CM070 FRONTBRAKES DMG 71 (cont.) Front brakes - Operational CM070 FRONTBRAKES OPER 71 (cont.) Front brakes - Operational CM070 FRONTBRAKES OPER 71 (cont.) Seat - Aftermarket CM071 SEAT DMG 71 (cont.) Seat - Modified CM071 SEAT DMG 71 (cont.) Seat - Modified CM071 SEAT DMG 71 (cont.) Seat - Original Equipment CM071 SEAT DMG 71 (cont.) Seat - Original Equipment CM072 MCPBACKREST DMG 72 (cont.) Sissy bar/passenger back rest - Damaged in Crash CM072 MCPBACKREST DMG 73 (cont.) Sissy bar/passenger back rest - Department CM073 SIDEREFLECTORYEL AFTMKT 74 (cont.) Side reflectors, yellow - Damaged in Crash CM073 SIDEREFLECTORYEL DMG 75 (cont.) Side reflectors, yellow - Operational CM073 SIDEREFLECTORYEL DMG 76 (cont.) Side reflectors, yellow - Operational CM073 SIDEREFLECTORYEL DMG 77 (cont.) Side reflectors, yellow - Operational CM074 SIDEREFLECTORRED DMG 78 (cont.) Side reflectors, yellow - Operational CM074 SIDEREFLECTORRED DMG 78 (cont.) Side refle			
68 (cont.) Front tire/wheel - Damaged in Crash CM068_FRONTWHEEL_MOD 68 (cont.) Front tire/wheel - Equipped CM068_FRONTWHEEL_MOD 68 (cont.) Front tire/wheel - Modified CM068_FRONTWHEEL_MOD 69 Front tire/wheel - Operational CM068_FRONTWHEEL_OPER 69 Front tire/wheel - Operational CM069_FRONTFENDER_AFTMKT 69 (cont.) Front fender - Aftermarket CM069_FRONTFENDER_AFTMKT 69 (cont.) Front fender - Damaged in Crash CM069_FRONTFENDER_DMG 69 (cont.) Front fender - Damaged in Crash CM069_FRONTFENDER_DMG 69 (cont.) Front fender - Equipped CM069_FRONTFENDER_DMG 69 (cont.) Front fender - Operational CM069_FRONTFENDER_OPER 69 (cont.) Front brakes - Aftermarket CM070_FRONTBRAKES_DMG 70 (cont.) Front brakes - Aftermarket CM070_FRONTBRAKES_DMG 71 (cont.) Front brakes - Administed CM070_FRONTBRAKES_DMG 70 (cont.) Front brakes - Damaged in Crash CM070_FRONTBRAKES_OPER 71 (cont.) Front brakes - Modified CM070_FRONTBRAKES_OPER 71 (cont.) Seat - Aftermarket CM071_SEAT_DMG 71 (cont.) Seat - Damaged in Crash CM071_SEAT_DMG 71 (cont.) Seat - Damaged in Crash CM071_SEAT_DMG 71 (cont.) Seat - Modified CM071_SEAT_DMG 71 (cont.) Seat - Operational CM071_SEAT_DMG 71 (cont.) Seat - Operational CM071_SEAT_DMG 72 (cont.) Sissy bar/passenger back rest - Damaged in CM072_MCPBACKREST_DMG 73 (cont.) Sissy bar/passenger back rest - Damaged in CM072_MCPBACKREST_DMG 74 (cont.) Sissy bar/passenger back rest - Original CM073_SIDEREFLECTORYEL_AFTMKT 75 (cont.) Sissy bar/passenger back rest - Original CM073_SIDEREFLECTORYEL_AFTMKT 76 (cont.) Side reflectors, yellow - Damaged in CM073_SIDEREFLECTORYEL_DMG 77 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_DMG 78 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_DMG 78 (
Front tire/wheel - Equipped CM068_FRONTWHEEL_MOD			
68 (cont.) Front tire/wheel - Modified CM068_FRONTWHEEL_OPER 68 (cont.) Front tire/wheel - Operational CM068_FRONTWHEEL_ORIG 69 Front tire/wheel - Original Equipment CM069_FRONTENDER_AFTMKT 69 (cont.) Front fender - Aftermarket CM069_FRONTENDER_DMG 69 (cont.) Front fender - Damaged in Crash CM069_FRONTENDER_DMG 69 (cont.) Front fender - Equipped CM069_FRONTENDER_MOD 69 (cont.) Front fender - Modified CM069_FRONTENDER_MOD 69 (cont.) Front fender - Operational CM069_FRONTENDER_OPER 69 (cont.) Front fender - Operational CM069_FRONTENDER_OPER 69 (cont.) Front fender - Operational CM069_FRONTENDER_ORIG 70 Front fender - Original Equipment CM070_FRONTBRAKES_AFTMKT 70 (cont.) Front brakes - Aftermarket CM070_FRONTBRAKES_DMG 70 (cont.) Front brakes - Damaged in Crash CM070_FRONTBRAKES_DMG 70 (cont.) Front brakes - Equipped CM070_FRONTBRAKES_MOD 70 (cont.) Front brakes - Modified CM070_FRONTBRAKES_OPER 70 (cont.) Front brakes - Operational CM070_FRONTBRAKES_ORIG 71 Seat - Aftermarket CM071_SEAT_AFTMKT 71 (cont.) Seat - Damaged in Crash CM071_SEAT_AFTMKT 71 (cont.) Seat - Damaged in Crash CM071_SEAT_AFTMKT 71 (cont.) Seat - Damaged in Crash CM071_SEAT_BMG 71 (cont.) Seat - Operational CM071_SEAT_BMG 72 (cont.) Sissy bar/passenger back rest - Damaged in CM072_MCPBACKREST_AFTMKT 72 (cont.) Sissy bar/passenger back rest - Damaged in CM072_MCPBACKREST_DMG 73 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_DMG 74 (cont.) Side reflectors, yellow - Damaged in Crash CM073_SIDEREFLECTORYEL_DMG 73 (cont.) Side reflectors, yellow - Damaged in Crash CM073_SIDEREFLECTORYEL_DMG 73 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_DMG 74 (cont.) Side reflectors, red - Damaged in Crash CM074_SIDEREFLECTORRED_MMG 74 (cont.) Side reflectors, red - Aftermarket CM074_SIDEREFLECTORRED_MMG 74 (cont.) Side reflectors, red - Damaged in Crash CM074_SIDEREFLECTORRED_MMG			
68 (cont.) Front tire/wheel - Operational CM068_FRONTWHEEL_ORIG 69 Front tire/wheel - Original Equipment CM069_FRONTFENDER_AFTMKT 69 (cont.) Front fender - Aftermarket CM069_FRONTFENDER_DMG 69 (cont.) Front fender - Damaged in Crash CM069_FRONTFENDER_DMG 69 (cont.) Front fender - Equipped CM069_FRONTFENDER_MOD 69 (cont.) Front fender - Houdified CM069_FRONTFENDER_MOD 69 (cont.) Front fender - Operational CM069_FRONTFENDER_OPER 69 (cont.) Front fender - Original Equipment CM069_FRONTFENDER_OPER 70 (cont.) Front fender - Original Equipment CM070_FRONTBRAKES_AFTMKT 70 (cont.) Front brakes - Aftermarket CM070_FRONTBRAKES_DMG 70 (cont.) Front brakes - Damaged in Crash CM070_FRONTBRAKES_DMG 70 (cont.) Front brakes - Equipped CM070_FRONTBRAKES_MOD 70 (cont.) Front brakes - Operational CM070_FRONTBRAKES_OPER 70 (cont.) Front brakes - Operational CM070_FRONTBRAKES_OPER 71 (cont.) Seat - Aftermarket CM071_SEAT_AFTMKT 71 (cont.) Seat - Damaged in Crash CM071_SEAT_AFTMKT 71 (cont.) Seat - Damaged in Crash CM071_SEAT_AFTMKT 71 (cont.) Seat - Modified CM071_SEAT_DMG 71 (cont.) Seat - Modified CM071_SEAT_DMG 71 (cont.) Seat - Operational CM071_SEAT_DMG 71 (cont.) Seat - Operational CM071_SEAT_DFER 71 (cont.) Seat - Operational CM071_SEAT_DFER 72 (cont.) Sissy bar/passenger back rest - Aftermarket CM072_MCPBACKREST_DMG 73 (cont.) Sissy bar/passenger back rest - Equipped CM072_MCPBACKREST_DMG 74 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_DMG 75 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_DMG 76 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_DMG 77 (cont.) Sissy bar/passenger back rest - Operational CM073_SIDEREFLECTORYEL_DMG 78 (cont.) Side reflectors, yellow - Damaged in Crash CM073_SIDEREFLECTORYEL_DMG 79 (cont.) Side reflectors, yellow - Damaged in Crash CM073_SIDEREFLECTORYEL_DMG 70 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_DMG 71 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_DMG 72 (cont.) Side refl			
69 Front tire/wheel - Original Equipment CM069_FRONTENDER_AFTMKT 69 (cont.) Front fender - Altermarket CM069_FRONTENDER_DMG 69 (cont.) Front fender - Damaged in Crash CM069_FRONTENDER_EQUIP 69 (cont.) Front fender - Equipped CM069_FRONTENDER_MOD 69 (cont.) Front fender - Modified CM069_FRONTENDER_ORIG 70 Front fender - Operational CM069_FRONTENDER_ORIG 70 Front fender - Original Equipment CM070_FRONTBRAKES_AFTMKT 71 (cont.) Front brakes - Aftermarket CM070_FRONTBRAKES_DMG 70 (cont.) Front brakes - Damaged in Crash CM070_FRONTBRAKES_DMG 70 (cont.) Front brakes - Damaged in Crash CM070_FRONTBRAKES_DORIG 70 (cont.) Front brakes - Equipped CM070_FRONTBRAKES_OPER 70 (cont.) Front brakes - Modified CM070_FRONTBRAKES_OPER 71 (cont.) Front brakes - Operational CM070_FRONTBRAKES_OPER 71 (cont.) Seat - Aftermarket CM071_SEAT_AFIMKT 71 (cont.) Seat - Damaged in Crash CM071_SEAT_BMG 71 (cont.) Seat - Damaged in Crash CM071_SEAT_BMG 71 (cont.) Seat - Modified CM071_SEAT_DMG 71 (cont.) Seat - Modified CM071_SEAT_DOR 71 (cont.) Seat - Operational CM071_SEAT_DOR 72 (cont.) Sissy bar/passenger back rest - Aftermarket CM071_SEAT_DOR 72 (cont.) Sissy bar/passenger back rest - Damaged in CM072_MCPBACKREST_AFIMKT 73 (cont.) Sissy bar/passenger back rest - Damaged in CM072_MCPBACKREST_DMG 74 (cont.) Sissy bar/passenger back rest - Damaged in CM072_MCPBACKREST_DORIG 75 (cont.) Sissy bar/passenger back rest - Damaged in CM072_MCPBACKREST_DORIG 76 (cont.) Sissy bar/passenger back rest - Original CM072_MCPBACKREST_DORIG 77 (cont.) Sissy bar/passenger back rest - Original CM072_MCPBACKREST_OPER 78 (cont.) Side reflectors, yellow - Damaged in Crash CM073_SIDEREFLECTORYEL_DMG 79 (cont.) Side reflectors, yellow - Damaged in Crash CM073_SIDEREFLECTORYEL_DMG 70 (cont.) Side reflectors, yellow - Original Equipment CM073_SIDEREFLECTORYEL_DMG 71 (cont.) Side reflectors, yellow - Original Equipment CM073_SIDEREFLECTORYEL_DMG 72 (cont.) Side reflectors, yellow - Original Equipment CM073_SIDEREFLECTORYEL_DMG 73 (cont.) Side reflectors, red - Damage			
69 (cont.) Front fender - Aftermarket CM069 FRONTFENDER DMG 69 (cont.) Front fender - Damaged in Crash CM069 FRONTFENDER MOD 69 (cont.) Front fender - Equipped CM069 FRONTFENDER MOD 69 (cont.) Front fender - Modified CM069 FRONTFENDER MOD 69 (cont.) Front fender - Operational CM069 FRONTFENDER OPER 69 (cont.) Front fender - Operational CM069 FRONTFENDER OPER 69 (cont.) Front fender - Operational CM069 FRONTFENDER OPER 70 Front fender - Original Equipment CM070 FRONTBRAKES AFTIMKT 70 (cont.) Front brakes - Aftermarket CM070 FRONTBRAKES DMG 70 (cont.) Front brakes - Damaged in Crash CM070 FRONTBRAKES MOD 70 (cont.) Front brakes - Equipped CM070 FRONTBRAKES MOD 70 (cont.) Front brakes - Operational CM070 FRONTBRAKES OPER 71 (cont.) Front brakes - Operational CM070 FRONTBRAKES OPER 71 (cont.) Seat - Aftermarket CM071 SEAT_AFTIMKT 71 (cont.) Seat - Damaged in Crash CM071 SEAT_DMG 71 (cont.) Seat - Bouipped CM071 SEAT_DMG 71 (cont.) Seat - Modified CM071 SEAT_DMG 71 (cont.) Seat - Operational CM071 SEAT_DPER 71 (cont.) Seat - Operational CM071 SEAT_OPER 71 (cont.) Seat - Operational CM072 MCPBACKREST_DPER 72 (cont.) Sissy bar/passenger back rest - Damaged in CM072 MCPBACKREST_DMG 73 (cont.) Sissy bar/passenger back rest - Deprational CM072 MCPBACKREST_DMG 74 (cont.) Side reflectors, yellow - Aftermarket CM073 SIDEREFLECTORYEL_AFTMKT 75 (cont.) Side reflectors, yellow - Damaged in Crash CM073 SIDEREFLECTORYEL_MOD 76 (cont.) Side reflectors, yellow - Operational CM073 SIDEREFLECTORYEL_MOD 77 (cont.) Side reflectors, yellow - Operational CM073 SIDEREFLECTORYEL_MOD 78 (cont.) Side reflectors, yellow - Operational CM073 SIDEREFLECTORYEL_MOD 78 (cont.) Side reflectors, yellow - Operational CM074 SIDEREFLECTORRED_MG 79 (cont.) Side reflectors, red - Damaged in Crash CM074 SIDEREFLECTORRED_MG 70 (co			
69 (cont.) Front fender - Damaged in Crash CM069_FRONTFENDER_EQUIP 69 (cont.) Front fender - Equipped CM069_FRONTFENDER_MOD 69 (cont.) Front fender - Operational CM069_FRONTFENDER_OPER 69 (cont.) Front fender - Operational CM069_FRONTFENDER_OPER 69 (cont.) Front fender - Operational CM069_FRONTFENDER_OPER 69 (cont.) Front fender - Operational CM070_FRONTBRAKES_AFIMKT 70 (cont.) Front brakes - Aftermarket CM070_FRONTBRAKES_DMG 70 (cont.) Front brakes - Damaged in Crash CM070_FRONTBRAKES_DMG 70 (cont.) Front brakes - Equipped CM070_FRONTBRAKES_MOD 70 (cont.) Front brakes - Modified CM070_FRONTBRAKES_OPER 70 (cont.) Front brakes - Operational CM070_FRONTBRAKES_OPER 71 Seat - Aftermarket CM071_SEAT_AFIMKT 71 (cont.) Front brakes - Operational CM071_SEAT_AFIMKT 71 (cont.) Seat - Damaged in Crash CM071_SEAT_DMG 71 (cont.) Seat - Damaged in Crash CM071_SEAT_DMG 71 (cont.) Seat - Operational CM071_SEAT_DEPER 72 (cont.) Sissy bar/passenger back rest - Aftermarket CM072_MCPBACKREST_AFIMKT 73 (cont.) Sissy bar/passenger back rest - Damaged in CM072_MCPBACKREST_DMG 74 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_DMG 75 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_DMG 76 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_OPER 77 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_OPER 78 (cont.) Side reflectors, yellow - Damaged in Crash CM073_SIDEREFLECTORYEL_DMG 79 (cont.) Side reflectors, yellow - Damaged in Crash CM073_SIDEREFLECTORYEL_DMG 70 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_DMG 71 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_DMG 72 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_DMG 73 (cont.) Side reflectors, yellow - Operational CM074_SIDEREFLECTORRED_DMG 74 (cont.) Side reflectors, red - Damaged in Crash CM074_SIDEREFL			
69 (cont.) Front fender - Equipped CM069_FRONTFENDER_MOD 69 (cont.) Front fender - Modified CM069_FRONTFENDER_OPER 69 (cont.) Front fender - Operational CM069_FRONTFENDER_ORIG 70 Front fender - Original Equipment CM070_FRONTBRAKES_AFTMKT 70 (cont.) Front brakes - Aftermarket CM070_FRONTBRAKES_AFTMKT 70 (cont.) Front brakes - Damaged in Crash CM070_FRONTBRAKES_DMG 70 (cont.) Front brakes - Equipped CM070_FRONTBRAKES_MOD 70 (cont.) Front brakes - Equipped CM070_FRONTBRAKES_MOD 70 (cont.) Front brakes - Modified CM070_FRONTBRAKES_OPER 71 (cont.) Front brakes - Operational CM070_FRONTBRAKES_OPER 71 (cont.) Seat - Aftermarket CM071_SEAT_AFTMKT 71 (cont.) Seat - Damaged in Crash CM071_SEAT_AFTMKT 71 (cont.) Seat - Damaged in Crash CM071_SEAT_DMG 71 (cont.) Seat - Modified CM071_SEAT_MOD 71 (cont.) Seat - Modified CM071_SEAT_MOD 71 (cont.) Seat - Original Equipment CM071_SEAT_OPER 72 (cont.) Seat - Original Equipment CM071_SEAT_OPER 73 (cont.) Sissy bar/passenger back rest - Damaged in CM072_MCPBACKREST_DMG 74 (cont.) Sissy bar/passenger back rest - Damaged in CM072_MCPBACKREST_DMG 75 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_DMG 76 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_OPER 77 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_DMG 78 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_OPER 79 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_OPER 70 (cont.) Side reflectors, yellow - Aftermarket CM073_SIDEREFLECTORYEL_AFTMKT 71 (cont.) Side reflectors, yellow - Department CM073_SIDEREFLECTORYEL_DMG 72 (cont.) Side reflectors, yellow - Department CM073_SIDEREFLECTORYEL_DMG 73 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_OPER 74 Side reflectors, red - Aftermarket CM074_SIDEREFLECTORRED_DMG 75 (cont.) Side reflectors, red - Damaged in Crash CM074_SIDEREFLECTORRED_DMG 76 (cont.) Side reflectors, red - Damaged in Crash CM074_SIDEREFLECTORRED_DMG 77 (cont.) Side reflectors, red - Damag			
69 (cont.) Front fender - Modified CM069_FRONTFENDER_OPER 69 (cont.) Front fender - Operational CM069_FRONTFENDER_ORIG 70 Front fender - Original Equipment CM070_FRONTBRAKES_AFTMKT 70 (cont.) Front brakes - Aftermarket CM070_FRONTBRAKES_DMG 70 (cont.) Front brakes - Damaged in Crash CM070_FRONTBRAKES_DMG 70 (cont.) Front brakes - Equipped CM070_FRONTBRAKES_MOD 70 (cont.) Front brakes - Modified CM070_FRONTBRAKES_MOD 70 (cont.) Front brakes - Modified CM070_FRONTBRAKES_OPER 70 (cont.) Front brakes - Operational CM070_FRONTBRAKES_ORIG 71 Seat - Aftermarket CM071_SEAT_AFTMKT 71 (cont.) Seat - Damaged in Crash CM071_SEAT_AFTMKT 71 (cont.) Seat - Damaged in Crash CM071_SEAT_BQUIP 71 (cont.) Seat - Modified CM071_SEAT_MOD 71 (cont.) Seat - Operational CM071_SEAT_MOD 71 (cont.) Seat - Operational CM071_SEAT_OPER 71 (cont.) Seat - Original Equipment CM071_SEAT_ORIG 72 Sissy bar/passenger back rest - Aftermarket CM072_MCPBACKREST_AFTMKT 72 (cont.) Sissy bar/passenger back rest - Damaged in CM072_MCPBACKREST_AFTMKT 73 (cont.) Sissy bar/passenger back rest - Modified CM072_MCPBACKREST_MOD 74 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_OPER 75 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_OPER 76 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_OPER 77 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_OPER 78 (cont.) Side reflectors, yellow - Damaged in Crash CM073_SIDEREFLECTORYEL_DMG 79 (cont.) Side reflectors, yellow - Damaged in Crash CM073_SIDEREFLECTORYEL_DMG 70 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_OPER 71 (cont.) Side reflectors, yellow - Operational CM074_SIDEREFLECTORYEL_OPER 72 (cont.) Side reflectors, yellow - Operational CM074_SIDEREFLECTORRED_AFTMKT 73 (cont.) Side reflectors, red - Aftermarket CM074_SIDEREFLECTORRED_AFTMKT 74 (cont.) Side reflectors, red - Damaged in Crash CM074_SIDEREFLECTORRED_AFTMKT 74 (cont.) Side reflectors, red - Damaged in Crash CM074_SIDEREFLECTORRED_BMG 74 (cont.			
69 (cont.) Front fender - Operational CM069_FRONTFENDER_ORIG 70 Front fender - Original Equipment CM070_FRONTBRAKES_AFTMKT 70 (cont.) Front brakes - Aftermarket CM070_FRONTBRAKES_DMG 70 (cont.) Front brakes - Damaged in Crash CM070_FRONTBRAKES_DUIP 70 (cont.) Front brakes - Equipped CM070_FRONTBRAKES_MOD 70 (cont.) Front brakes - Modified CM070_FRONTBRAKES_MOD 70 (cont.) Front brakes - Operational CM070_FRONTBRAKES_OPER 70 (cont.) Front brakes - Operational CM070_FRONTBRAKES_OPER 71 (cont.) Front brakes - Operational CM070_FRONTBRAKES_ORIG 71 Seat - Aftermarket CM071_SEAT_AFTMKT 71 (cont.) Seat - Damaged in Crash CM071_SEAT_DMG 71 (cont.) Seat - Equipped CM071_SEAT_DMG 71 (cont.) Seat - Operational CM071_SEAT_DMG 71 (cont.) Seat - Operational CM071_SEAT_OPER 71 (cont.) Seat - Operational CM071_SEAT_OPER 72 (cont.) Sissy bar/passenger back rest - Aftermarket CM072_MCPBACKREST_AFTMKT 72 (cont.) Sissy bar/passenger back rest - Damaged in CM072_MCPBACKREST_DMG 72 (cont.) Sissy bar/passenger back rest - Equipped CM072_MCPBACKREST_EQUIP 72 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_OPER 72 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_OPER 73 (cont.) Side reflectors, yellow - Aftermarket CM073_SIDEREFLECTORYEL_AFTMKT 74 (cont.) Side reflectors, yellow - Damaged in Crash CM073_SIDEREFLECTORYEL_AFTMKT 75 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_DMG 76 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_DMG 77 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_OPER 78 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_OPER 79 (cont.) Side reflectors, red - Aftermarket CM074_SIDEREFLECTORRED_DMG 70 (cont.) Side reflectors, red - Aftermarket CM074_SIDEREFLECTORRED_DMG 71 (cont.) Side reflectors, red - Aftermarket CM074_SIDEREFLECTORRED_DMG 74 (cont.) Side reflectors, red - Damaged in Crash CM074_SIDEREFLECTORRED_DMG			
70 Front fender - Original Equipment 70 (cont.) Front brakes - Aftermarket 70 (cont.) Front brakes - Aftermarket 70 (cont.) Front brakes - Damaged in Crash 70 (cont.) Front brakes - Equipped 70 (cont.) Front brakes - Modified 70 (cont.) Front brakes - Operational 71 (cont.) Front brakes - Operational 72 (cont.) Seat - Aftermarket 73 (cont.) Seat - Damaged in Crash 74 (cont.) Seat - Damaged in Crash 75 (cont.) Seat - Modified 76 (cont.) Seat - Modified 77 (cont.) Seat - Modified 78 (cont.) Seat - Operational 79 (cont.) Seat - Operational 70 (cont.) Seat - Operational 71 (cont.) Seat - Operational 72 (cont.) Seat - Operational 73 (cont.) Seat - Operational 74 (cont.) Seat - Operational 75 (cont.) Seat - Operational 76 (cont.) Seat - Operational 77 (cont.) Seat - Operational 78 (cont.) Sissy bar/passenger back rest - Aftermarket 79 (cont.) Sissy bar/passenger back rest - Damaged in CM072_MCPBACKREST_AFTMKT 70 (cont.) Sissy bar/passenger back rest - Equipped 71 (cont.) Sissy bar/passenger back rest - Modified 72 (cont.) Sissy bar/passenger back rest - Operational 73 (cont.) Sissy bar/passenger back rest - Operational 74 (cont.) Sissy bar/passenger back rest - Operational 75 (cont.) Sissy bar/passenger back rest - Operational 76 (cont.) Sissy bar/passenger back rest - Operational 77 (cont.) Side reflectors, yellow - Damaged in Crash 78 (cont.) Side reflectors, yellow - Damaged in Crash 79 (cont.) Side reflectors, yellow - Operational 70 (cont.) Side reflectors, yellow - Operational 71 (cont.) Side reflectors, red - Aftermarket CM073_SIDEREFLECTORYEL_OPER CM074_SIDEREFLECTORRED_MOD CM074_SIDEREFLECTORRED_AFTMKT CM074_SIDEREFLECTORRED_MOD	69 (cont.)		
70 (cont.) Front brakes - Aftermarket CM070_FRONTBRAKES_DMG 70 (cont.) Front brakes - Damaged in Crash CM070_FRONTBRAKES_EQUIP 70 (cont.) Front brakes - Equipped CM070_FRONTBRAKES_MOD 70 (cont.) Front brakes - Modified CM070_FRONTBRAKES_OPER 70 (cont.) Front brakes - Operational CM070_FRONTBRAKES_ORIG 71 Seat - Aftermarket CM071_SEAT_AFTMKT 71 (cont.) Seat - Damaged in Crash CM071_SEAT_DMG 71 (cont.) Seat - Equipped CM071_SEAT_EQUIP 71 (cont.) Seat - Modified CM071_SEAT_MOD 71 (cont.) Seat - Operational CM071_SEAT_OPER 71 (cont.) Seat - Original Equipment CM071_SEAT_OPER 72 (cont.) Sissy bar/passenger back rest - Aftermarket CM072_MCPBACKREST_AFTMKT 72 (cont.) Sissy bar/passenger back rest - Damaged in Crash CM072_MCPBACKREST_BQUIP 72 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_MOD 72 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_OPER 73 (cont.) Side reflectors, yellow - Aftermarket		1	
70 (cont.) Front brakes - Damaged in Crash CM070_FRONTBRAKES_EQUIP 70 (cont.) Front brakes - Equipped CM070_FRONTBRAKES_MOD 70 (cont.) Front brakes - Modified CM070_FRONTBRAKES_OPER 70 (cont.) Front brakes - Operational CM070_FRONTBRAKES_ORIG 71 (cont.) Seat - Aftermarket CM071_SEAT_AFTMKT 71 (cont.) Seat - Damaged in Crash CM071_SEAT_DMG 71 (cont.) Seat - Equipped CM071_SEAT_DMG 71 (cont.) Seat - Modified CM071_SEAT_MOD 71 (cont.) Seat - Operational CM071_SEAT_OPER 71 (cont.) Seat - Original Equipment CM071_SEAT_ORIG 72 (cont.) Sissy bar/passenger back rest - Aftermarket CM072_MCPBACKREST_AFTMKT 72 (cont.) Sissy bar/passenger back rest - Damaged in CM072_MCPBACKREST_BQUIP 72 (cont.) Sissy bar/passenger back rest - Equipped CM072_MCPBACKREST_BQUIP 72 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_OPER 72 (cont.) Sissy bar/passenger back rest - Original CM072_MCPBACKREST_OPER 73 (cont.) Side reflectors, yellow - Aftermarket	70		
70 (cont.) Front brakes - Equipped CM070_FRONTBRAKES_MOD 70 (cont.) Front brakes - Modified CM070_FRONTBRAKES_OPER 70 (cont.) Front brakes - Operational CM070_FRONTBRAKES_ORIG 71 Seat - Aftermarket CM071_SEAT_AFTMKT 71 (cont.) Seat - Damaged in Crash CM071_SEAT_DMG 71 (cont.) Seat - Equipped CM071_SEAT_MOD 71 (cont.) Seat - Modified CM071_SEAT_OPER 71 (cont.) Seat - Operational CM071_SEAT_OPER 71 (cont.) Seat - Original Equipment CM071_SEAT_OPER 72 (cont.) Sissy bar/passenger back rest - Aftermarket CM072_MCPBACKREST_AFTMKT 72 (cont.) Sissy bar/passenger back rest - Damaged in Crash CM072_MCPBACKREST_DMG 72 (cont.) Sissy bar/passenger back rest - Equipped CM072_MCPBACKREST_MOD 72 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_MOD 72 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_OPER 72 (cont.) Sissy bar/passenger back rest - Original Equipment CM072_MCPBACKREST_ORIG 73 (cont.) Side reflectors, ye			
70 (cont.) Front brakes - Modified CM070_FRONTBRAKES_OPER 70 (cont.) Front brakes - Operational CM070_FRONTBRAKES_ORIG 71 Seat - Aftermarket CM071_SEAT_AFTMKT 71 (cont.) Seat - Damaged in Crash CM071_SEAT_DMG 71 (cont.) Seat - Equipped CM071_SEAT_MOD 71 (cont.) Seat - Operational CM071_SEAT_OPER 71 (cont.) Seat - Original Equipment CM071_SEAT_OPER 72 (cont.) Sissy bar/passenger back rest - Aftermarket CM072_MCPBACKREST_AFTMKT 72 (cont.) Sissy bar/passenger back rest - Damaged in Crash CM072_MCPBACKREST_DMG 72 (cont.) Sissy bar/passenger back rest - Equipped CM072_MCPBACKREST_DMG 72 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_MOD 72 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_OPER 72 (cont.) Sissy bar/passenger back rest - Original Equipment CM072_MCPBACKREST_OPER 73 (cont.) Side reflectors, yellow - Aftermarket CM073_SIDEREFLECTORYEL_AFTMKT 73 (cont.) Side reflectors, yellow - Damaged in Crash CM073_SIDEREFLECTORYEL_DMG			
70 (cont.) Front brakes - Operational CM070_FRONTBRAKES_ORIG 71 Seat - Aftermarket CM071_SEAT_AFTMKT 71 (cont.) Seat - Damaged in Crash CM071_SEAT_DMG 71 (cont.) Seat - Equipped CM071_SEAT_EQUIP 71 (cont.) Seat - Modified CM071_SEAT_MOD 71 (cont.) Seat - Operational CM071_SEAT_OPER 71 (cont.) Seat - Original Equipment CM072_MCPBACKREST_AFTMKT 72 (cont.) Sissy bar/passenger back rest - Aftermarket CM072_MCPBACKREST_AFTMKT 72 (cont.) Sissy bar/passenger back rest - Damaged in Crash CM072_MCPBACKREST_DMG 72 (cont.) Sissy bar/passenger back rest - Equipped CM072_MCPBACKREST_EQUIP 72 (cont.) Sissy bar/passenger back rest - Original CM072_MCPBACKREST_MOD 72 (cont.) Sissy bar/passenger back rest - Original CM072_MCPBACKREST_OPER 72 (cont.) Sissy bar/passenger back rest - Original CM072_MCPBACKREST_ORIG 73 (cont.) Side reflectors, yellow - Aftermarket CM073_SIDEREFLECTORYEL_AFTMKT 73 (cont.) Side reflectors, yellow - Damaged in Crash CM073_SIDEREFLECTORYEL_GUIP 73 (c			
71 Seat - Aftermarket CM071_SEAT_AFTMKT 71 (cont.) Seat - Damaged in Crash CM071_SEAT_DMG 71 (cont.) Seat - Equipped CM071_SEAT_DMG 71 (cont.) Seat - Modified CM071_SEAT_EQUIP 71 (cont.) Seat - Modified CM071_SEAT_MOD 71 (cont.) Seat - Operational CM071_SEAT_OPER 71 (cont.) Seat - Original Equipment CM071_SEAT_OPER 72 Sissy bar/passenger back rest - Aftermarket CM072_MCPBACKREST_AFTMKT 72 (cont.) Sissy bar/passenger back rest - Damaged in CM072_MCPBACKREST_DMG 72 (cont.) Sissy bar/passenger back rest - Equipped CM072_MCPBACKREST_DMG 72 (cont.) Sissy bar/passenger back rest - Modified CM072_MCPBACKREST_MOD 72 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_MOD 72 (cont.) Sissy bar/passenger back rest - Original CM072_MCPBACKREST_OPER 73 (cont.) Side reflectors, yellow - Aftermarket CM073_SIDEREFLECTORYEL_AFTMKT 74 (cont.) Side reflectors, yellow - Damaged in Crash CM073_SIDEREFLECTORYEL_DMG 75 (cont.) Side reflectors, yellow - Modified CM073_SIDEREFLECTORYEL_DMG 76 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_DMG 77 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_DMG 78 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_OPER 79 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_OPER 70 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_OPER 71 (cont.) Side reflectors, red - Aftermarket CM074_SIDEREFLECTORYEL_OPER 71 (cont.) Side reflectors, red - Damaged in Crash CM074_SIDEREFLECTORRED_DMG 71 (cont.) Side reflectors, red - Damaged in Crash CM074_SIDEREFLECTORRED_DMG 71 (cont.) Side reflectors, red - Damaged in Crash CM074_SIDEREFLECTORRED_DMG 72 (cont.) Side reflectors, red - Modified CM074_SIDEREFLECTORRED_MOD			
71 (cont.) Seat - Damaged in Crash CM071_SEAT_DMG 71 (cont.) Seat - Equipped CM071_SEAT_EQUIP 71 (cont.) Seat - Modified CM071_SEAT_MOD 71 (cont.) Seat - Operational CM071_SEAT_OPER 71 (cont.) Seat - Original Equipment CM071_SEAT_ORIG 72 (cont.) Sissy bar/passenger back rest - Aftermarket CM072_MCPBACKREST_AFTMKT 72 (cont.) Sissy bar/passenger back rest - Damaged in CM072_MCPBACKREST_DMG 72 (cont.) Sissy bar/passenger back rest - Equipped CM072_MCPBACKREST_DMG 72 (cont.) Sissy bar/passenger back rest - Modified CM072_MCPBACKREST_MOD 72 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_OPER 72 (cont.) Sissy bar/passenger back rest - Original Equipment CM072_MCPBACKREST_ORIG 73 (cont.) Side reflectors, yellow - Aftermarket CM073_SIDEREFLECTORYEL_AFTMKT 73 (cont.) Side reflectors, yellow - Damaged in Crash CM073_SIDEREFLECTORYEL_DMG 73 (cont.) Side reflectors, yellow - Modified CM073_SIDEREFLECTORYEL_OPER 73 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_OPER 74 (cont.) Side reflectors, yellow - Origi			
71 (cont.) Seat - Equipped CM071_SEAT_EQUIP 71 (cont.) Seat - Modified CM071_SEAT_MOD 71 (cont.) Seat - Operational CM071_SEAT_OPER 71 (cont.) Seat - Original Equipment CM071_SEAT_ORIG 72 Sissy bar/passenger back rest - Aftermarket CM072_MCPBACKREST_AFTMKT 72 (cont.) Sissy bar/passenger back rest - Damaged in Crash CM072_MCPBACKREST_DMG 72 (cont.) Sissy bar/passenger back rest - Equipped CM072_MCPBACKREST_EQUIP 72 (cont.) Sissy bar/passenger back rest - Modified CM072_MCPBACKREST_MOD 72 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_OPER 72 (cont.) Sissy bar/passenger back rest - Original CM072_MCPBACKREST_OPER 72 (cont.) Sissy bar/passenger back rest - Original CM072_MCPBACKREST_OPER 73 (cont.) Side reflectors, yellow - Aftermarket CM073_SIDEREFLECTORYEL_AFTMKT 73 (cont.) Side reflectors, yellow - Damaged in Crash CM073_SIDEREFLECTORYEL_DMG 73 (cont.) Side reflectors, yellow - Modified CM073_SIDEREFLECTORYEL_OPER 73 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_OPER 74 (cont.) S			
71 (cont.) Seat - Modified CM071_SEAT_MOD 71 (cont.) Seat - Operational CM071_SEAT_OPER 71 (cont.) Seat - Original Equipment CM071_SEAT_ORIG 72 Sissy bar/passenger back rest - Aftermarket CM072_MCPBACKREST_AFTMKT 72 (cont.) Sissy bar/passenger back rest - Damaged in Crash CM072_MCPBACKREST_DMG 72 (cont.) Sissy bar/passenger back rest - Equipped CM072_MCPBACKREST_DMG 72 (cont.) Sissy bar/passenger back rest - Modified CM072_MCPBACKREST_MOD 72 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_OPER 72 (cont.) Sissy bar/passenger back rest - Original CM072_MCPBACKREST_OPER 72 (cont.) Sissy bar/passenger back rest - Original CM072_MCPBACKREST_ORIG 73 (cont.) Side reflectors, yellow - Aftermarket CM073_SIDEREFLECTORYEL_AFTMKT 73 (cont.) Side reflectors, yellow - Damaged in Crash CM073_SIDEREFLECTORYEL_BUIP 73 (cont.) Side reflectors, yellow - Modified CM073_SIDEREFLECTORYEL_MOD 73 (cont.) Side reflectors, yellow - Original Equipment CM073_SIDEREFLECTORYEL_OPER 74 (cont.) Side reflectors, red - Aftermarket CM074_SIDEREFLECTORRED_AFTMKT			
71 (cont.)Seat - OperationalCM071_SEAT_OPER71 (cont.)Seat - Original EquipmentCM071_SEAT_ORIG72Sissy bar/passenger back rest - AftermarketCM072_MCPBACKREST_AFTMKT72 (cont.)Sissy bar/passenger back rest - Damaged in CrashCM072_MCPBACKREST_DMG72 (cont.)Sissy bar/passenger back rest - EquippedCM072_MCPBACKREST_EQUIP72 (cont.)Sissy bar/passenger back rest - ModifiedCM072_MCPBACKREST_MOD72 (cont.)Sissy bar/passenger back rest - OperationalCM072_MCPBACKREST_OPER72 (cont.)Sissy bar/passenger back rest - Original EquipmentCM072_MCPBACKREST_ORIG73Side reflectors, yellow - AftermarketCM073_SIDEREFLECTORYEL_AFTMKT73 (cont.)Side reflectors, yellow - Damaged in CrashCM073_SIDEREFLECTORYEL_DMG73 (cont.)Side reflectors, yellow - EquippedCM073_SIDEREFLECTORYEL_MOD73 (cont.)Side reflectors, yellow - OperationalCM073_SIDEREFLECTORYEL_OPER74Side reflectors, yellow - Original EquipmentCM073_SIDEREFLECTORYEL_OPER74Side reflectors, red - AftermarketCM074_SIDEREFLECTORRED_AFTMKT74 (cont.)Side reflectors, red - Damaged in CrashCM074_SIDEREFLECTORRED_AFTMKT74 (cont.)Side reflectors, red - EquippedCM074_SIDEREFLECTORRED_DMG74 (cont.)Side reflectors, red - ModifiedCM074_SIDEREFLECTORRED_MOD			
71 (cont.)Seat - Original EquipmentCM071_SEAT_ORIG72Sissy bar/passenger back rest - AftermarketCM072_MCPBACKREST_AFTMKT72 (cont.)Sissy bar/passenger back rest - Damaged in CrashCM072_MCPBACKREST_DMG72 (cont.)Sissy bar/passenger back rest - EquippedCM072_MCPBACKREST_EQUIP72 (cont.)Sissy bar/passenger back rest - ModifiedCM072_MCPBACKREST_MOD72 (cont.)Sissy bar/passenger back rest - OperationalCM072_MCPBACKREST_OPER72 (cont.)Sissy bar/passenger back rest - Original EquipmentCM072_MCPBACKREST_ORIG73Side reflectors, yellow - AftermarketCM073_SIDEREFLECTORYEL_AFTMKT73 (cont.)Side reflectors, yellow - Damaged in CrashCM073_SIDEREFLECTORYEL_DMG73 (cont.)Side reflectors, yellow - EquippedCM073_SIDEREFLECTORYEL_BQUIP73 (cont.)Side reflectors, yellow - ModifiedCM073_SIDEREFLECTORYEL_OPER73 (cont.)Side reflectors, yellow - OperationalCM073_SIDEREFLECTORYEL_OPER74 (cont.)Side reflectors, red - AftermarketCM074_SIDEREFLECTORRED_AFTMKT74 (cont.)Side reflectors, red - Damaged in CrashCM074_SIDEREFLECTORRED_BMG74 (cont.)Side reflectors, red - EquippedCM074_SIDEREFLECTORRED_EQUIP74 (cont.)Side reflectors, red - ModifiedCM074_SIDEREFLECTORRED_BQUIP74 (cont.)Side reflectors, red - ModifiedCM074_SIDEREFLECTORRED_MOD			
72Sissy bar/passenger back rest - AftermarketCM072_MCPBACKREST_AFTMKT72 (cont.)Sissy bar/passenger back rest - Damaged in CrashCM072_MCPBACKREST_DMG72 (cont.)Sissy bar/passenger back rest - EquippedCM072_MCPBACKREST_EQUIP72 (cont.)Sissy bar/passenger back rest - ModifiedCM072_MCPBACKREST_MOD72 (cont.)Sissy bar/passenger back rest - OperationalCM072_MCPBACKREST_OPER72 (cont.)Sissy bar/passenger back rest - Original EquipmentCM072_MCPBACKREST_ORIG73Side reflectors, yellow - AftermarketCM073_SIDEREFLECTORYEL_AFTMKT73 (cont.)Side reflectors, yellow - Damaged in CrashCM073_SIDEREFLECTORYEL_DMG73 (cont.)Side reflectors, yellow - EquippedCM073_SIDEREFLECTORYEL_MOD73 (cont.)Side reflectors, yellow - ModifiedCM073_SIDEREFLECTORYEL_OPER73 (cont.)Side reflectors, yellow - OperationalCM073_SIDEREFLECTORYEL_OPER74Side reflectors, yellow - Original EquipmentCM073_SIDEREFLECTORYEL_ORIG74Side reflectors, red - AftermarketCM074_SIDEREFLECTORRED_AFTMKT74 (cont.)Side reflectors, red - Damaged in CrashCM074_SIDEREFLECTORRED_DMG74 (cont.)Side reflectors, red - EquippedCM074_SIDEREFLECTORRED_EQUIP74 (cont.)Side reflectors, red - ModifiedCM074_SIDEREFLECTORRED_MOD	. (,		
72 (cont.)Sissy bar/passenger back rest - Damaged in CrashCM072_MCPBACKREST_DMG72 (cont.)Sissy bar/passenger back rest - EquippedCM072_MCPBACKREST_EQUIP72 (cont.)Sissy bar/passenger back rest - ModifiedCM072_MCPBACKREST_MOD72 (cont.)Sissy bar/passenger back rest - OperationalCM072_MCPBACKREST_OPER72 (cont.)Sissy bar/passenger back rest - Original EquipmentCM072_MCPBACKREST_ORIG73Side reflectors, yellow - AftermarketCM073_SIDEREFLECTORYEL_AFTMKT73 (cont.)Side reflectors, yellow - Damaged in CrashCM073_SIDEREFLECTORYEL_DMG73 (cont.)Side reflectors, yellow - EquippedCM073_SIDEREFLECTORYEL_EQUIP73 (cont.)Side reflectors, yellow - ModifiedCM073_SIDEREFLECTORYEL_MOD73 (cont.)Side reflectors, yellow - OperationalCM073_SIDEREFLECTORYEL_OPER73 (cont.)Side reflectors, yellow - Original EquipmentCM073_SIDEREFLECTORYEL_ORIG74Side reflectors, red - AftermarketCM074_SIDEREFLECTORRED_AFTMKT74 (cont.)Side reflectors, red - Damaged in CrashCM074_SIDEREFLECTORRED_DMG74 (cont.)Side reflectors, red - EquippedCM074_SIDEREFLECTORRED_EQUIP74 (cont.)Side reflectors, red - EquippedCM074_SIDEREFLECTORRED_EQUIP74 (cont.)Side reflectors, red - ModifiedCM074_SIDEREFLECTORRED_MOD			
Crash 72 (cont.) Sissy bar/passenger back rest - Equipped CM072_MCPBACKREST_EQUIP 72 (cont.) Sissy bar/passenger back rest - Modified CM072_MCPBACKREST_MOD 72 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_OPER 73 (cont.) Side reflectors, yellow - Aftermarket CM073_SIDEREFLECTORYEL_AFTMKT 74 (cont.) Side reflectors, yellow - Equipped CM073_SIDEREFLECTORYEL_EQUIP 75 (cont.) Side reflectors, yellow - Modified CM073_SIDEREFLECTORYEL_BODG 76 (cont.) Side reflectors, yellow - Modified CM073_SIDEREFLECTORYEL_MOD 77 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_OPER 78 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_OPER 79 (cont.) Side reflectors, yellow - Original Equipment CM073_SIDEREFLECTORYEL_ORIG 74 (cont.) Side reflectors, red - Aftermarket CM074_SIDEREFLECTORRED_AFTMKT 75 (cont.) Side reflectors, red - Damaged in Crash CM074_SIDEREFLECTORRED_DMG 76 (cont.) Side reflectors, red - Equipped CM074_SIDEREFLECTORRED_EQUIP 77 (cont.) Side reflectors, red - Modified CM074_SIDEREFLECTORRED_EQUIP 78 (cont.) Side reflectors, red - Modified CM074_SIDEREFLECTORRED_MOD			
72 (cont.)Sissy bar/passenger back rest - ModifiedCM072_MCPBACKREST_MOD72 (cont.)Sissy bar/passenger back rest - OperationalCM072_MCPBACKREST_OPER72 (cont.)Sissy bar/passenger back rest - Original EquipmentCM072_MCPBACKREST_ORIG73Side reflectors, yellow - AftermarketCM073_SIDEREFLECTORYEL_AFTMKT73 (cont.)Side reflectors, yellow - Damaged in CrashCM073_SIDEREFLECTORYEL_DMG73 (cont.)Side reflectors, yellow - EquippedCM073_SIDEREFLECTORYEL_EQUIP73 (cont.)Side reflectors, yellow - ModifiedCM073_SIDEREFLECTORYEL_MOD73 (cont.)Side reflectors, yellow - OperationalCM073_SIDEREFLECTORYEL_OPER74 (cont.)Side reflectors, yellow - Original EquipmentCM073_SIDEREFLECTORYEL_ORIG74 (cont.)Side reflectors, red - AftermarketCM074_SIDEREFLECTORRED_AFTMKT74 (cont.)Side reflectors, red - Damaged in CrashCM074_SIDEREFLECTORRED_DMG74 (cont.)Side reflectors, red - EquippedCM074_SIDEREFLECTORRED_EQUIP74 (cont.)Side reflectors, red - ModifiedCM074_SIDEREFLECTORRED_MOD		Crash	
72 (cont.) Sissy bar/passenger back rest - Operational CM072_MCPBACKREST_OPER 72 (cont.) Sissy bar/passenger back rest - Original CM072_MCPBACKREST_ORIG Equipment 73 Side reflectors, yellow - Aftermarket CM073_SIDEREFLECTORYEL_AFTMKT 73 (cont.) Side reflectors, yellow - Damaged in Crash CM073_SIDEREFLECTORYEL_DMG 73 (cont.) Side reflectors, yellow - Equipped CM073_SIDEREFLECTORYEL_EQUIP 73 (cont.) Side reflectors, yellow - Modified CM073_SIDEREFLECTORYEL_MOD 73 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_OPER 73 (cont.) Side reflectors, yellow - Original Equipment CM073_SIDEREFLECTORYEL_OPER 74 Side reflectors, red - Aftermarket CM074_SIDEREFLECTORRED_AFTMKT 74 (cont.) Side reflectors, red - Damaged in Crash CM074_SIDEREFLECTORRED_DMG 74 (cont.) Side reflectors, red - Equipped CM074_SIDEREFLECTORRED_EQUIP 74 (cont.) Side reflectors, red - Modified CM074_SIDEREFLECTORRED_MOD			
72 (cont.) Sissy bar/passenger back rest - Original Equipment 73 Side reflectors, yellow - Aftermarket CM073_SIDEREFLECTORYEL_AFTMKT 73 (cont.) Side reflectors, yellow - Damaged in Crash CM073_SIDEREFLECTORYEL_DMG 73 (cont.) Side reflectors, yellow - Equipped CM073_SIDEREFLECTORYEL_EQUIP 73 (cont.) Side reflectors, yellow - Modified CM073_SIDEREFLECTORYEL_MOD 73 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_OPER 73 (cont.) Side reflectors, yellow - Original Equipment CM073_SIDEREFLECTORYEL_OPER 74 Side reflectors, red - Aftermarket CM074_SIDEREFLECTORRED_AFTMKT 74 (cont.) Side reflectors, red - Damaged in Crash CM074_SIDEREFLECTORRED_DMG 74 (cont.) Side reflectors, red - Equipped CM074_SIDEREFLECTORRED_EQUIP 74 (cont.) Side reflectors, red - Modified CM074_SIDEREFLECTORRED_MOD			
Equipment 73 Side reflectors, yellow - Aftermarket CM073_SIDEREFLECTORYEL_AFTMKT 73 (cont.) Side reflectors, yellow - Damaged in Crash CM073_SIDEREFLECTORYEL_DMG 73 (cont.) Side reflectors, yellow - Equipped CM073_SIDEREFLECTORYEL_EQUIP 73 (cont.) Side reflectors, yellow - Modified CM073_SIDEREFLECTORYEL_MOD 73 (cont.) Side reflectors, yellow - Operational CM073_SIDEREFLECTORYEL_OPER 73 (cont.) Side reflectors, yellow - Original Equipment CM073_SIDEREFLECTORYEL_OPER 74 Side reflectors, red - Aftermarket CM074_SIDEREFLECTORRED_AFTMKT 74 (cont.) Side reflectors, red - Damaged in Crash CM074_SIDEREFLECTORRED_DMG 74 (cont.) Side reflectors, red - Equipped CM074_SIDEREFLECTORRED_EQUIP 74 (cont.) Side reflectors, red - Modified CM074_SIDEREFLECTORRED_MOD			
73 (cont.)Side reflectors, yellow - Damaged in CrashCM073_SIDEREFLECTORYEL_DMG73 (cont.)Side reflectors, yellow - EquippedCM073_SIDEREFLECTORYEL_EQUIP73 (cont.)Side reflectors, yellow - ModifiedCM073_SIDEREFLECTORYEL_MOD73 (cont.)Side reflectors, yellow - OperationalCM073_SIDEREFLECTORYEL_OPER73 (cont.)Side reflectors, yellow - Original EquipmentCM073_SIDEREFLECTORYEL_ORIG74Side reflectors, red - AftermarketCM074_SIDEREFLECTORRED_AFTMKT74 (cont.)Side reflectors, red - Damaged in CrashCM074_SIDEREFLECTORRED_DMG74 (cont.)Side reflectors, red - EquippedCM074_SIDEREFLECTORRED_EQUIP74 (cont.)Side reflectors, red - ModifiedCM074_SIDEREFLECTORRED_MOD	72 (cont.)	Equipment	CM072_MCPBACKREST_ORIG
73 (cont.)Side reflectors, yellow - EquippedCM073_SIDEREFLECTORYEL_EQUIP73 (cont.)Side reflectors, yellow - ModifiedCM073_SIDEREFLECTORYEL_MOD73 (cont.)Side reflectors, yellow - OperationalCM073_SIDEREFLECTORYEL_OPER73 (cont.)Side reflectors, yellow - Original EquipmentCM073_SIDEREFLECTORYEL_ORIG74Side reflectors, red - AftermarketCM074_SIDEREFLECTORRED_AFTMKT74 (cont.)Side reflectors, red - Damaged in CrashCM074_SIDEREFLECTORRED_DMG74 (cont.)Side reflectors, red - EquippedCM074_SIDEREFLECTORRED_EQUIP74 (cont.)Side reflectors, red - ModifiedCM074_SIDEREFLECTORRED_MOD			
73 (cont.)Side reflectors, yellow - ModifiedCM073_SIDEREFLECTORYEL_MOD73 (cont.)Side reflectors, yellow - OperationalCM073_SIDEREFLECTORYEL_OPER73 (cont.)Side reflectors, yellow - Original EquipmentCM073_SIDEREFLECTORYEL_ORIG74Side reflectors, red - AftermarketCM074_SIDEREFLECTORRED_AFTMKT74 (cont.)Side reflectors, red - Damaged in CrashCM074_SIDEREFLECTORRED_DMG74 (cont.)Side reflectors, red - EquippedCM074_SIDEREFLECTORRED_EQUIP74 (cont.)Side reflectors, red - ModifiedCM074_SIDEREFLECTORRED_MOD			
73 (cont.)Side reflectors, yellow - OperationalCM073_SIDEREFLECTORYEL_OPER73 (cont.)Side reflectors, yellow - Original EquipmentCM073_SIDEREFLECTORYEL_ORIG74Side reflectors, red - AftermarketCM074_SIDEREFLECTORRED_AFTMKT74 (cont.)Side reflectors, red - Damaged in CrashCM074_SIDEREFLECTORRED_DMG74 (cont.)Side reflectors, red - EquippedCM074_SIDEREFLECTORRED_EQUIP74 (cont.)Side reflectors, red - ModifiedCM074_SIDEREFLECTORRED_MOD			
73 (cont.)Side reflectors, yellow - Original EquipmentCM073_SIDEREFLECTORYEL_ORIG74Side reflectors, red - AftermarketCM074_SIDEREFLECTORRED_AFTMKT74 (cont.)Side reflectors, red - Damaged in CrashCM074_SIDEREFLECTORRED_DMG74 (cont.)Side reflectors, red - EquippedCM074_SIDEREFLECTORRED_EQUIP74 (cont.)Side reflectors, red - ModifiedCM074_SIDEREFLECTORRED_MOD			
74Side reflectors, red - AftermarketCM074_SIDEREFLECTORRED_AFTMKT74 (cont.)Side reflectors, red - Damaged in CrashCM074_SIDEREFLECTORRED_DMG74 (cont.)Side reflectors, red - EquippedCM074_SIDEREFLECTORRED_EQUIP74 (cont.)Side reflectors, red - ModifiedCM074_SIDEREFLECTORRED_MOD			
74 (cont.)Side reflectors, red - Damaged in CrashCM074_SIDEREFLECTORRED_DMG74 (cont.)Side reflectors, red - EquippedCM074_SIDEREFLECTORRED_EQUIP74 (cont.)Side reflectors, red - ModifiedCM074_SIDEREFLECTORRED_MOD			
74 (cont.) Side reflectors, red - Equipped CM074_SIDEREFLECTORRED_EQUIP 74 (cont.) Side reflectors, red - Modified CM074_SIDEREFLECTORRED_MOD			
74 (cont.) Side reflectors, red - Modified CM074_SIDEREFLECTORRED_MOD			
	74 (cont.)	Side reflectors, red - Operational	CM074_SIDEREFLECTORRED_OPER
74 (cont.) Side reflectors, red - Original Equipment CM074_SIDEREFLECTORRED_ORIG	74 (cont.)	Side reflectors, red - Original Equipment	CM074_SIDEREFLECTORRED_ORIG

Variable Number	Variable	SAS® and Excel TM Name
75	Side reflectors, silver - Aftermarket	CM075_SIDEREFLECTORSIL_AFTMKT
75 (cont.)	Side reflectors, silver - Damaged in Crash	CM075_SIDEREFLECTORSIL_DMG
75 (cont.)	Side reflectors, silver - Equipped	CM075_SIDEREFLECTORSIL_EQUIP
75 (cont.)	Side reflectors, silver - Modified	CM075_SIDEREFLECTORSIL_MOD
75 (cont.)	Side reflectors, silver - Operational	CM075_SIDEREFLECTORSIL_OPER
75 (cont.)	Side reflectors, silver - Original Equipment	CM075_SIDEREFLECTORSIL_ORIG
76	Frame - Aftermarket	CM076_FRAME_AFTMKT
76 (cont.)	Frame - Damaged in Crash	CM076 FRAME DMG
76 (cont.)	Frame - Equipped	CM076_FRAME_EQUIP
76 (cont.)	Frame - Modified	CM076_FRAME_MOD
76 (cont.)	Frame - Operational	CM076_FRAME_OPER
76 (cont.)	Frame - Original Equipment	CM076_FRAME_ORIG
77	Grab rails/hand holds - Aftermarket	CM077_HANDHOLDS_AFTMKT
77 (cont.)	Grab rails/hand holds - Damaged in Crash	CM077_HANDHOLDS_DMG
77 (cont.)	Grab rails/hand holds - Equipped	CM077_HANDHOLDS_EQUIP
77 (cont.)	Grab rails/hand holds - Modified	CM077_HANDHOLDS_MOD
77 (cont.)	Grab rails/hand holds - Operational	CM077_HANDHOLDS_OPER
77 (cont.)	Grab rails/hand holds - Original Equipment	CM077_HANDHOLDS_ORIG
78	Fuel tank - Aftermarket	CM078_FUELTANK_AFTMKT
78 (cont.)	Fuel tank - Damaged in Crash	CM078_FUELTANK_DMG
78 (cont.)	Fuel tank - Equipped	CM078_FUELTANK_EQUIP
78 (cont.)	Fuel tank - Modified	CM078_FUELTANK_MOD
78 (cont.)	Fuel tank - Operational	CM078_FUELTANK_OPER
78 (cont.)	Fuel tank - Original Equipment	CM078_FUELTANK_ORIG
79 (cont.)	Auxiliary fuel tank - Aftermarket	CM079_AUXFUELTANK_AFTMKT
79 (cont.)	Auxiliary fuel tank - Antermarket Auxiliary fuel tank - Damaged in Crash	CM079_AUXFUELTANK_DMG
79 (cont.)	Auxiliary fuel tank - Damaged in Crash Auxiliary fuel tank - Equipped	CM079_AUXFUELTANK_EQUIP
79 (cont.)	Auxiliary fuel tank - Equipped Auxiliary fuel tank - Modified	CM079_AUXFUELTANK_EQUIF CM079_AUXFUELTANK_MOD
79 (cont.)	Auxiliary fuel tank - Mounted Auxiliary fuel tank - Operational	CM079_AUXFUELTANK_MOD CM079_AUXFUELTANK_OPER
79 (cont.)	Auxiliary fuel tank - Original Equipment	CM079_AUXFUELTANK_ORIG
80	Motor crankcase, cylinders - Aftermarket	CM0/9_AUAFUELTANK_ORIG CM080_MOTORCRANKCASE_AFTMKT
80 (cont.)	Motor crankcase, cylinders - Damaged in Crash	CM080_MOTORCRANKCASE_DMG
80 (cont.)	Motor crankcase, cylinders - Equipped	CM080 MOTORCRANKCASE EQUIP
80 (cont.)	Motor crankcase, cylinders - Modified	CM080_MOTORCRANKCASE_MOD
80 (cont.)	Motor crankcase, cylinders - Operational	CM080_MOTORCRANKCASE_OPER
80 (cont.)	Motor crankcase, cylinders - Original Equipment	CM080_MOTORCRANKCASE_ORIG
81	Radiator - Aftermarket	CM081_RADIATOR_AFTMKT
81 (cont.)	Radiator - Damaged in Crash	CM081_RADIATOR_DMG
81 (cont.)	Radiator - Equipped	CM081_RADIATOR_EQUIP
81 (cont.)	Radiator - Modified	CM081_RADIATOR_MOD
81 (cont.)	Radiator - Operational	CM081_RADIATOR_OPER
81 (cont.)	Radiator - Original Equipment	CM081_RADIATOR_ORIG
82	Water hose - Aftermarket	CM082_WATERHOSE_AFTMKT
82 (cont.)	Water hose - Damaged in Crash	CM082_WATERHOSE_DMG
82 (cont.)	Water hose - Equipped	CM082_WATERHOSE_EQUIP
82 (cont.)	Water hose - Modified	CM082_WATERHOSE_MOD
82 (cont.)	Water hose - Operational	CM082_WATERHOSE_OPER
82 (cont.)	Water hose - Original Equipment	CM082_WATERHOSE_ORIG
83	Motor power enhancement - Aftermarket	CM083_POWERENHANCED_AFTMKT
83 (cont.)	Motor power enhancement - Antermarket Motor power enhancement - Damaged in Crash	CM083_POWERENHANCED_DMG
83 (cont.)	Motor power enhancement - Damaged in Crash Motor power enhancement - Equipped	CM083_POWERENHANCED_EQUIP
83 (cont.)	Motor power enhancement - Equipped Motor power enhancement - Modified	CM083_POWERENHANCED_EQUIP CM083_POWERENHANCED_MOD
83 (cont.)	Motor power enhancement - Modified Motor power enhancement - Operational	CM083_POWERENHANCED_MOD CM083_POWERENHANCED_OPER
83 (cont.)	Motor power enhancement - Original	CM083_POWERENHANCED_OPER CM083_POWERENHANCED_ORIG
os (cont.)	Equipment	CMIOOS_I OWEREINITAINCED_ORIG
84	Transmission case - Aftermarket	CM084_TRANSMISSIONCASE_AFTMKT
84 (cont.)	Transmission case - Artermarket Transmission case - Damaged in Crash	CM084_TRANSMISSIONCASE_AFTMKT CM084_TRANSMISSIONCASE_DMG
84 (cont.)	Transmission case - Damaged in Crasn Transmission case - Equipped	CM084_TRANSMISSIONCASE_DMG CM084_TRANSMISSIONCASE_EQUIP
04 (COIII.)	Transmission case - Equipped	CIVIO04_TICAINDIVIIDDIONCADE_EQUIP

Variable		
Number	Variable	SAS® and Excel TM Name
84 (cont.)	Transmission case - Modified	CM084_TRANSMISSIONCASE_MOD
84 (cont.)	Transmission case - Operational	CM084_TRANSMISSIONCASE_OPER
84 (cont.)	Transmission case - Original Equipment	CM084_TRANSMISSIONCASE_ORIG
85	Oil tank - Aftermarket	CM085_OILTANK_AFTMKT
85 (cont.)	Oil tank - Damaged in Crash	CM085_OILTANK_DMG
85 (cont.)	Oil tank - Equipped	CM085_OILTANK_EQUIP
85 (cont.)	Oil tank - Modified	CM085_OILTANK_MOD
85 (cont.)	Oil tank - Operational	CM085_OILTANK_OPER
85 (cont.)	Oil tank - Original Equipment	CM085_OILTANK_ORIG
86	Battery, battery box - Aftermarket	CM086_BATTERY_AFTMKT
86 (cont.)	Battery, battery box - Damaged in Crash	CM086_BATTERY_DMG
86 (cont.)	Battery, battery box - Equipped	CM086_BATTERY_EQUIP
86 (cont.)	Battery, battery box - Modified	CM086_BATTERY_MOD
86 (cont.)	Battery, battery box - Operational	CM086_BATTERY_OPER
86 (cont.)	Battery, battery box - Original Equipment	CM086_BATTERY_ORIG
87	Rear brake pedal - Aftermarket	CM087_REARBRAKEPEDAL_AFTMKT
87 (cont.)	Rear brake pedal - Damaged in Crash	CM087_REARBRAKEPEDAL_DMG
87 (cont.)	Rear brake pedal - Equipped	CM087_REARBRAKEPEDAL_EQUIP
87 (cont.)	Rear brake pedal - Modified	CM087_REARBRAKEPEDAL_MOD
87 (cont.)	Rear brake pedal - Operational	CM087_REARBRAKEPEDAL_OPER
87 (cont.)	Rear brake pedal - Original Equipment	CM087_REARBRAKEPEDAL_ORIG
88	Shift lever - Aftermarket	CM088_SHIFTLEVER_AFTMKT
88 (cont.)	Shift lever - Damaged in Crash	CM088_SHIFTLEVER_DMG
88 (cont.)	Shift lever - Equipped	CM088_SHIFTLEVER_EQUIP
88 (cont.)	Shift lever - Modified	CM088_SHIFTLEVER_MOD
88 (cont.)	Shift lever - Operational	CM088_SHIFTLEVER_OPER
88 (cont.)	Shift lever - Original Equipment	CM088_SHIFTLEVER_ORIG
89	Foot pegs, footrests - Aftermarket	CM089_FOOTPEGS_AFTMKT
89 (cont.)	Foot pegs, footrests - Damaged in Crash	CM089_FOOTPEGS_DMG
89 (cont.)	Foot pegs, footrests - Equipped	CM089_FOOTPEGS_EQUIP
89 (cont.)	Foot pegs, footrests - Modified	CM089_FOOTPEGS_MOD
89 (cont.)	Foot pegs, footrests - Operational	CM089_FOOTPEGS_OPER
89 (cont.)	Foot pegs, footrests - Original Equipment	CM089_FOOTPEGS_ORIG
90	Side stand - Equipped	CM090_FOOTRESTS_AFTMKT
90 (cont.)	Highway pegs/footrests - Aftermarket	CM090_FOOTRESTS_DMG
90 (cont.)	Highway pegs/footrests - Damaged in Crash	CM090_FOOTRESTS_EQUIP
90 (cont.)	Highway pegs/footrests - Equipped	CM090_FOOTRESTS_MOD
90 (cont.)	Highway pegs/footrests - Modified	CM090_FOOTRESTS_OPER
90 (cont.)	Highway pegs/footrests - Operational	CM090_FOOTRESTS_ORIG
91	Highway pegs/footrests - Original Equipment	CM091_SIDESTAND_AFTMKT
91 (cont.)	Side stand - Aftermarket	CM091_SIDESTAND_DMG
91 (cont.)	Side stand - Damaged in Crash	CM091_SIDESTAND_EQUIP
91 (cont.)	Side stand - Modified	CM091_SIDESTAND_MOD
91 (cont.)	Side stand - Operational	CM091_SIDESTAND_OPER
91 (cont.)	Side stand - Original Equipment	CM091_SIDESTAND_ORIG
92	Side stand interlock - Aftermarket	CM092_SIDESTANDINTERLOCK_AFTMKT
92 (cont.)	Side stand interlock - Damaged in Crash	CM092_SIDESTANDINTERLOCK_DMG
92 (cont.)	Side stand interlock - Equipped	CM092_SIDESTANDINTERLOCK_EQUIP
92 (cont.)	Side stand interlock - Modified	CM092_SIDESTANDINTERLOCK_MOD
92 (cont.)	Side stand interlock - Operational	CM092_SIDESTANDINTERLOCK_OPER
92 (cont.)	Side stand interlock - Original Equipment	CM092_SIDESTANDINTERLOCK_ORIG
93	Center stand - Aftermarket	CM093_CENTERSTAND_AFTMKT
93 (cont.)	Center stand - Damaged in Crash	CM093_CENTERSTAND_DMG
93 (cont.)	Center stand - Equipped	CM093_CENTERSTAND_EQUIP
93 (cont.)	Center stand - Modified	CM093_CENTERSTAND_MOD
93 (cont.)	Center stand - Operational	CM093_CENTERSTAND_OPER
93 (cont.)	Center stand - Original Equipment	CM093_CENTERSTAND_ORIG
94	Muffler/exhaust system - Aftermarket	CM094_EXHAUSTSYSTEM_AFTMKT
94 (cont.)	Muffler/exhaust system - Damaged in Crash	CM094_EXHAUSTSYSTEM_DMG

Variable		
Number	Variable	SAS® and Excel TM Name
94 (cont.)	Muffler/exhaust system - Equipped	CM094_EXHAUSTSYSTEM_EQUIP
94 (cont.)	Muffler/exhaust system - Modified	CM094_EXHAUSTSYSTEM_MOD
94 (cont.)	Muffler/exhaust system - Operational	CM094_EXHAUSTSYSTEM_OPER
94 (cont.)	Muffler/exhaust system - Original Equipment	CM094_EXHAUSTSYSTEM_ORIG
95	Tank bag - Aftermarket	CM095_TANKBAG_AFTMKT
95 (cont.)	Tank bag - Damaged in Crash	CM095_TANKBAG_DMG
95 (cont.)	Tank bag - Equipped	CM095_TANKBAG_EQUIP
95 (cont.)	Tank bag - Modified	CM095_TANKBAG_MOD
95 (cont.)	Tank bag - Operational	CM095_TANKBAG_OPER
95 (cont.)	Tank bag - Original Equipment	CM095_TANKBAG_ORIG
96	Luggage/cargo rack - Aftermarket	CM096_LUGGAGE_AFTMKT
96 (cont.)	Luggage/cargo rack - Damaged in Crash	CM096_LUGGAGE_DMG
96 (cont.)	Luggage/cargo rack - Equipped	CM096_LUGGAGE_EQUIP
96 (cont.)	Luggage/cargo rack - Modified	CM096_LUGGAGE_MOD
96 (cont.)	Luggage/cargo rack - Operational	CM096_LUGGAGE_OPER
96 (cont.)	Luggage/cargo rack - Original Equipment	CM096_LUGGAGE_ORIG
97	Parcel rack - Aftermarket	CM097_PARCELRACK_AFTMKT
97 (cont.)	Parcel rack - Damaged in Crash	CM097_PARCELRACK_DMG
97 (cont.)	Parcel rack - Equipped	CM097_PARCELRACK_EQUIP
97 (cont.)	Parcel rack - Modified	CM097_PARCELRACK_MOD
97 (cont.)	Parcel rack - Operational	CM097_PARCELRACK_OPER
97 (cont.)	Parcel rack - Original Equipment	CM097_PARCELRACK_ORIG
98	Saddle bags - Aftermarket	CM098_SADDLEBAG_AFTMKT
98 (cont.)	Saddle bags - Damaged in Crash	CM098_SADDLEBAG_DMG
98 (cont.)	Saddle bags - Equipped	CM098_SADDLEBAG_EQUIP
98 (cont.)	Saddle bags - Modified	CM098_SADDLEBAG_MOD
98 (cont.)	Saddle bags - Operational	CM098_SADDLEBAG_OPER
98 (cont.)	Saddle bags - Original Equipment	CM098_SADDLEBAG_ORIG
99	Rear position lamps - Aftermarket	CM099_REARPOSITIONLAMPS_AFTMKT
99 (cont.)	Rear position lamps - Damaged in Crash	CM099_REARPOSITIONLAMPS_DMG
99 (cont.)	Rear position lamps - Equipped	CM099_REARPOSITIONLAMPS_EQUIP
99 (cont.)	Rear position lamps - Modified	CM099_REARPOSITIONLAMPS_MOD
99 (cont.)	Rear position lamps - Operational	CM099_REARPOSITIONLAMPS_OPER
99 (cont.)	Rear position lamps - Original Equipment	CM099_REARPOSITIONLAMPS_ORIG
100	Stop lamp - Aftermarket	CM100_STOPLAMP_AFTMKT
100 (cont.)	Stop lamp - Damaged in Crash	CM100_STOPLAMP_DMG
100 (cont.)	Stop lamp - Equipped	CM100_STOPLAMP_EQUIP
100 (cont.)	Stop lamp - Modified	CM100_STOPLAMP_MOD
100 (cont.)	Stop lamp - Operational	CM100_STOPLAMP_OPER
100 (cont.)	Stop lamp - Original Equipment	CM100_STOPLAMP_ORIG
101	Rear reflectors, yellow - Aftermarket	CM101_REARREFLECTORYEL_AFTMKT
101 (cont.)	Rear reflectors, yellow - Damaged in Crash	CM101_REARREFLECTORYEL_DMG
101 (cont.) 101 (cont.)	Rear reflectors, yellow - Equipped Rear reflectors, yellow - Modified	CM101_REARREFLECTORYEL_EQUIP
101 (cont.)	Rear reflectors, yellow - Operational	CM101_REARREFLECTORYEL_MOD CM101_REARREFLECTORYEL_OPER
101 (cont.)	Rear reflectors, yellow - Original Equipment	CM101_REARREFLECTORYEL_ORIG
102	Rear reflectors, red - Aftermarket	CM102_REARREFLECTORRED_AFTMKT
102 (cont.)	Rear reflectors, red - Damaged in Crash	CM102_REARREFLECTORRED_DMG
102 (cont.)	Rear reflectors, red - Equipped	CM102_REARREFLECTORRED_EQUIP
102 (cont.)	Rear reflectors, red - Equipped Rear reflectors, red - Modified	CM102_REARREFLECTORRED_MOD
102 (cont.)	Rear reflectors, red - Operational	CM102_REARREFLECTORRED_OPER
102 (cont.)	Rear reflectors, red - Original Equipment	CM102_REARREFLECTORRED_ORIG
103	Rear reflectors, silver - Aftermarket	CM103_REARREFLECTORSLVR_AFTMKT
103 (cont.)	Rear reflectors, silver - Damaged in Crash	CM103_REARREFLECTORSLVR_DMG
103 (cont.)	Rear reflectors, silver - Equipped	CM103_REARREFLECTORSLVR_EQUIP
103 (cont.)	Rear reflectors, silver - Equipped Rear reflectors, silver - Modified	CM103_REARREFLECTORSLVR_MOD
103 (cont.)	Rear reflectors, silver - Operational	CM103_REARREFLECTORSLVR_OPER
103 (cont.)	Rear reflectors, silver - Original Equipment	CM103_REARREFLECTORSLVR_ORIG
104	Rear turn signals - Aftermarket	CM104_REARTURNSIGNAL_AFTMKT
107	real tarii bigitaib Titteriilairet	CMITOT_INDICITION OF THE TWINT

Variable	V	CACO I F ITM N
Number	Variable Rear turn signals - Damaged in Crash	SAS® and Excel TM Name CM104_REARTURNSIGNAL_DMG
104 (cont.)		CM104_REARTURNSIGNAL_DIMO CM104_REARTURNSIGNAL_EQUIP
104 (cont.)	Rear turn signals - Equipped	
104 (cont.)	Rear turn signals - Modified	CM104_REARTURNSIGNAL_MOD
104 (cont.)	Rear turn signals - Operational	CM104_REARTURNSIGNAL_OPER
104 (cont.) 105	Rear turn signals - Original Equipment	CM104_REARTURNSIGNAL_ORIG
	Rear suspension - Aftermarket	CM105_REARSUSPENSION_AFTMKT
105 (cont.)	Rear suspension - Damaged in Crash	CM105_REARSUSPENSION_DMG
105 (cont.)	Rear suspension - Equipped	CM105_REARSUSPENSION_EQUIP
105 (cont.)	Rear suspension - Modified	CM105_REARSUSPENSION_MOD
105 (cont.)	Rear suspension - Operational	CM105_REARSUSPENSION_OPER
105 (cont.)	Rear suspension - Original Equipment	CM105_REARSUSPENSION_ORIG
106	Rear tire/wheel - Aftermarket	CM106_REARWHEEL_AFTMKT
106 (cont.)	Rear tire/wheel - Damaged in Crash	CM106_REARWHEEL_DMG
106 (cont.)	Rear tire/wheel - Equipped	CM106_REARWHEEL_EQUIP
106 (cont.)	Rear tire/wheel - Modified	CM106_REARWHEEL_MOD
106 (cont.)	Rear tire/wheel - Operational	CM106_REARWHEEL_OPER
106 (cont.)	Rear tire/wheel - Original Equipment	CM106_REARWHEEL_ORIG
107	Rear fender - Aftermarket	CM107_REARFENDER_AFTMKT
107 (cont.)	Rear fender - Damaged in Crash	CM107_REARFENDER_DMG
107 (cont.)	Rear fender - Equipped	CM107_REARFENDER_EQUIP
107 (cont.)	Rear fender - Modified	CM107_REARFENDER_MOD
107 (cont.)	Rear fender - Operational	CM107_REARFENDER_OPER
107 (cont.)	Rear fender - Original Equipment	CM107_REARFENDER_ORIG
108	Rear brakes - Aftermarket	CM108_REARBRAKES_AFTMKT
108 (cont.)	Rear brakes - Damaged in Crash	CM108_REARBRAKES_DMG
108 (cont.)	Rear brakes - Equipped	CM108_REARBRAKES_EQUIP
108 (cont.)	Rear brakes - Modified	CM108_REARBRAKES_MOD
108 (cont.)	Rear brakes - Operational	CM108_REARBRAKES_OPER
108 (cont.)	Rear brakes - Original Equipment	CM108_REARBRAKES_ORIG
108 (cont.)	Tools, tool box - Aftermarket	CM108_TRAILER_ORIG
109	Tools, tool box - Damaged in Crash	CM109_SIDECAR_ORIG
109 (cont.)	Tools, tool box - Equipped	CM109_TOOLBOX_AFTMKT
109 (cont.)	Tools, tool box - Modified	CM109_TOOLBOX_DMG
109 (cont.)	Tools, tool box - Operational	CM109_TOOLBOX_EQUIP
109 (cont.)	Tools, tool box - Original Equipment	CM109_TOOLBOX_MOD
109 (cont.)	Side covers - Aftermarket	CM109_TOOLBOX_OPER
109 (cont.)	Side covers - Damaged in Crash	CM109_TOOLBOX_ORIG
110	Side covers - Equipped	CM110_SIDECOVERS_AFTMKT
110 (cont.)	Side covers - Modified	CM110_SIDECOVERS_DMG
110 (cont.)	Side covers - Operational	CM110_SIDECOVERS_EQUIP
110 (cont.)	Side covers - Original Equipment	CM110_SIDECOVERS_MOD
110 (cont.)	Trailer - Aftermarket	CM110_SIDECOVERS_OPER
110 (cont.)	Trailer - Damaged in Crash	CM110_SIDECOVERS_ORIG
111	Trailer - Equipped	CM111_TRAILER_AFTMKT
111 (cont.)	Trailer - Modified	CM111_TRAILER_DMG
111 (cont.)	Trailer - Operational	CM111_TRAILER_EQUIP
111 (cont.)	Trailer - Original Equipment	CM111_TRAILER_MOD
111 (cont.)	Side Car - Aftermarket	CM111_TRAILER_OPER
112	Side Car - Damaged in Crash	CM112_SIDECAR_AFTMKT
112 (cont.)	Side Car - Equipped	CM112_SIDECAR_DMG
112 (cont.)	Side Car - Modified	CM112_SIDECAR_EQUIP
112 (cont.)	Side Car - Operational	CM112_SIDECAR_MOD
112 (cont.)	Side Car - Original Equipment	CM112_SIDECAR_OPER

Table 18. List of variables in the Motorcycle Dynamics Form.

Variable Number	Variable	SAS® and Excel TM Name
0	Case Number	MD000_CASEID
1	Pre-crash Motion Prior to Precipitating Event	MD001_PRECRASHMOTIONPREPRCIP
1 (cont.)	Pre-crash Motion Prior to Precipitating Event - Text	MD001_PRECRASHMOTIONPREPRCIPTXT
2	Travel Speed	MD002_TRAVELSPEED
3	Travel Speed Confidence Interval	MD003_SPEEDCONFINTERVAL
3 (cont.)	Travel Speed Confidence Interval	MD003_SPEEDCONFINTERVALSIGN
4	Line of Sight to Other Vehicle	MD004_LINEOFSIGHTTOOV
5	Pre-crash Motion After Precipitating Event	MD005_PRECRASHMOTIONPSTPRCIP
5 (cont.)	Pre-crash Motion After Precipitating Event - Text	MD005_PRECRASHMOTIONPSTPRCIPTXT
6	Crash Avoidance Action (Code up to 4) - Item 1	MD006_CRASHAVOIDANCEACTION1
6 (cont.)	Crash Avoidance Action (Code up to 4) - Item 2	MD006_CRASHAVOIDANCEACTION2
6 (cont.)	Crash Avoidance Action (Code up to 4) - Item 3	MD006_CRASHAVOIDANCEACTION3
6 (cont.)	Crash Avoidance Action (Code up to 4) - Item 4	MD006_CRASHAVOIDANCEACTION4
6 (cont.)	Crash Avoidance Action (Code up to 4) - Text	MD006_CRASHAVOIDANCEACTIONTXT
7	Breaking Skid Marks on Highway	MD007_SKIDMARKSDESCRIP
7 (cont.)	Breaking Skid Marks on Highway - Text	MD007_SKIDMARKSDESCRIPTXT
8	Length of Skid Marks on Highway - Front Tire (Feet)	MD008_FRONTTIRESKIDLENGTHFEET
8 (cont.)	Length of Skid Marks on Highway - Front Tire	MD008_FRONTTIRESKIDLENGTHINCHES
- ()	(Inches)	
8 (cont.)	Length of Skid Marks on Highway - Rear Tire (Feet)	MD008_REARTIRESKIDLENGTHFEET
8 (cont.)	Length of Skid Marks on Highway - Rear Tire (Inches)	MD008_REARTIRESKIDLENGTHINCHES
9	Breaking Skid Mark Evidence on Highway	MD009_SKIDEVIDENCEONROAD
9 (cont.)	Breaking Skid Mark Evidence on Highway - Text	MD009_SKIDEVIDENCEONROADTXT
10	Braking Tire Striation Evidence	MD010_TIRESTRIATIONEVIDENCE
10 (cont.)	Braking Tire Striation Evidence - Text	MD010_TIRESTRIATIONEVIDENCETXT
11	Swerve	MD011_SWERVEDECISION
12	Acceleration Evidence on Rear Tire	MD012_REARTIREACCELEVIDENCE
12 (cont.)	Acceleration Evidence on Rear Tire - Text	MD012_REARTIREACCELEVIDENCETXT
13	Counter-steering	MD013_COUNTERSTEERINGDECISION
14	Cornering Skid Mark Evidence on Roadway	MD014_CORNERINGSKIDEVIDENCE
14 (cont.)	Cornering Skid Mark Evidence on Roadway - Text	MD014_CORNERINGSKIDEVIDENCETXT
15	Cornering Tire Striation Evidence	MD015_CORNERINGTIRESTRIATION
15 (cont.)	Cornering Tire Striation Evidence - Text	MD015_CORNERINGTIRESTRIATIONTXT
16	Motorcycle First Collision Contact Code	MD016_MCFRSTCOLLISIONCONTACT
16 (cont.)	Motorcycle First Collision Contact Code - Text	MD016_MCFRSTCOLLISIONCONTACTTXT
17	Object(s) Contacted (Code up to 3) - Item 1	MD017_OBJECTCONTACTED1
17 (cont.)	Object(s) Contacted (Code up to 3) - Item 1 - Text	MD017_OBJECTCONTACTED1TXT
17 (cont.)	Object(s) Contacted (Code up to 3) - Item 2	MD017_OBJECTCONTACTED2
17 (cont.)	Object(s) Contacted (Code up to 3) - Item 2 - Text	MD017_OBJECTCONTACTED2TXT
17 (cont.)	Object(s) Contacted (Code up to 3) - Item 3	MD017_OBJECTCONTACTED3
17 (cont.)	Object(s) Contacted (Code up to 3) - Item - Text	MD017_OBJECTCONTACTED3TXT
18	Motorcycle Impact Speed in MPH	MD018_MCIMPACTSPEED
19	Roll Attitude Angle (Sign)	MD019_ROLLATTITUDEANGLE
19 (cont.)	Roll Attitude Angle in Degrees	MD019_ROLLATTITUDEANGLESIGN
20 (, , ,)	Slideslip Angle is Degrees	MD020_SIDESLIPANGLE
20 (cont.)	Slideslip Angle is Degrees - Text	MD020_SIDESLIPANGLETXT
21 (Relative Heading Angle (Sign)	MD021_RELATIVEHEADINGANGLE
21 (cont.)	Relative Heading Angle	MD021_RELATIVEHEADINGANGLESIGN
22	Principle Direction of Force	MD022_PRINCIPLEDIROFFORCE MD023_TIMEPRCIPEVENTTOIMPACT
23 24	Calculated Time from Precipitating Event to Impact	MD023_HMEPRCIPEVENTTOIMPACT MD024_MCMOTION
	Motorcycle Motion Code Motorcycle Motion Code - Text	MD024_MCMOTION MD024_MCMOTIONTXT
24 (cont.) 25		
	Distance from POI to Motorcycle POR (Sign) Distance from POI to Motorcycle POR (Feet)	MD025_DISTPOITOMCPORSIGN
25 (cont.)	Distance from POI to Motorcycle POR (Feet) Distance from POI to Motorcycle POR (Inches)	MD025_DISTPOITOMCPORFEET
	Distance from FOI to Motorcycle POK (Inches)	MD025_DISTPOITOMCPORINCHES
25 (cont.)	Offset Distance from POI to Motorovala DOD (C:am)	MD025 OFFSETDOITOMCDODSICN
25 (cont.) 25 (cont.)	Offset Distance from POI to Motorcycle POR (Sign) Offset Distance from POI to Motorcycle POR (Feet)	MD025_OFFSETPOITOMCPORSIGN MD025_OFFSETPOITOMCPORFEET

Variable Number	Variable	SAS® and Excel TM Name
26	Post-crash Scrape Marks on Motorcycle	MD026_POSTCRASHSCRAPESONMC
26 (cont.)	Post-crash Scrape Marks on Motorcycle - Text	MD026_POSTCRASHSCRAPESONMCTXT
27	Rider Motion Code	MD027_MCRMOTIONCODE
27 (cont.)	Rider Motion Code - Text	MD027_MCRMOTIONCODETXT
28	Distance from POI to Rider POR (Feet)	MD028_DISTPOITOPORFEET
28 (cont.)	Distance from POI to Rider POR (Inches)	MD028_DISTPOITOPORINCHES
28 (cont.)	Passenger Motion Code	MD029_MCPMOTIONCODE
29	Passenger Motion Code - Text	MD029_MCPMOTIONCODETXT
30	Distance from POI to Passenger POR (Feet)	MD030_MCPPOITOPORFEET
30 (cont.)	Distance from POI to Passenger POR (Inches)	MD030_MCPPOITOPORINCHES
30 (cont.)	Post-crash Crash Scene Scrape Marks	MD031_POSTCRASHSCENESCRAPES
30 (cont.)	Post-crash Crash Scene Scrape Marks - Text	MD031_POSTCRASHSCENESCRAPESTXT
31	Tire Size - Front	MD032_FRONTTIRESIZE
31 (cont.)	Tire Size - Front - Text	MD032_FRONTTIRESIZETXT
32	Tire Size - Rear	MD032_REARTIRESIZE
32 (cont.)	Tire Size - Rear - Text	MD032_REARTIRESIZETXT
32 (cont.)	Tire Inflation Pressure Post-Crash - Front	MD033_POSTCRASHFRONTTIREPSI
32 (cont.)	Tire Inflation Pressure Post-Crash - Front - Text	MD033_POSTCRASHFRONTTIREPSITXT
33	Tire Inflation Pressure Post-Crash - Rear	MD033_POSTCRASHREARTIREPSI
33 (cont.)	Tire Inflation Pressure Post-Crash - Rear - Text	MD033_POSTCRASHREARTIREPSITXT
33 (cont.)	Contributing Factor Related to Front Tire or Wheel - Text	MD034_CONTFACTORFRONTWHEELTXT
33 (cont.)	Contributing Factor Related to Front Tire or Wheel	MD034_CONTFACTORFRONTWHEEL
34	Contributing Factor Related to Rear Tire or Wheel	MD034_CONTFACTORFACTORREARWHEEL
34 (cont.)	Contributing Factor Related to Rear Tire or Wheel - Text	MD034_CONTFACTORREARWHEELTXT
34 (cont.)	Contributing Factor Related to Front Suspension Condition	MD035_CONTRIBFRONTSUSPEND
34 (cont.)	Contributing Factor Related to Front Suspension Condition - Text	MD035_CONTFACTORFRONTSUSPENDTXT
35	Contributing Factor Related to Rear Suspension Condition	MD035_CONTFACTORREARSUSPEND
35 (cont.)	Contributing Factor Related to Rear Suspension Condition - Text	MD035_CONTFACTORREARSUSPENDTXT
35 (cont.)	Contributing Factor Related to Frame Condition	MD036_CONTFACTORFRAME
35 (cont.)	Contributing Factor Related to Frame Condition - Text	MD036_CONTFACTORFRAMETXT
35 (cont.)	Contributing Factor Related to Cornering Clearance	MD037_CONTFACTORCORNERCLEAR
36	Contributing Factor Related to Cornering Clearance - Text	MD037_CONTFACTORCORNERCLEARTXT
36 (cont.)	Contributing Factor Related to the Seat	MD038_CONTFACTORSEAT
37	Contributing Factor Related to the Seat - Text	MD038_CONTFACTORSEATTXT
37 (cont.)	Contributing Factor Related to the Drive Chain, Belt, or Shaft Condition	MD039_CONTFACTORDRIVECHAIN
38	Contributing Factor Related to the Drive Chain, Belt, or Shaft Condition - Text	MD039_CONTFACTORDRIVECHAINTXT
38 (cont.)	Contributing Factor Related to the Exhaust System Condition	MD040_CONTFACTOREXHAUSTSYS
39	Contributing Factor Related to the Exhaust System Condition - Text	MD040_CONTFACTOREXHAUSTSYSTXT
39 (cont.)	Contributing Motorcycle Vehicle Failure	MD041_CONTFACTORMCFAILURE
40	Contributing Motorcycle Vehicle Failure - Text	MD041_CONTFACTORMCFAILURETXT
40 (cont.)	Was a Pre-Crash Fire a Contributing Factor	MD042_CONTFACTORPRECRASHFIRE
41	Was The Cargo/Luggage a Contributing Factor	MD043_CONTFACTORCARGO
41 (cont.)	Was The Cargo/Luggage a Contributing Factor - Text	MD043_CONTFACTORCARGOTXT

Table 19. List of variables in the Injury Form.

Variable			
Number	Variable	SAS® and Excel TM Name	
0	Case Number	IF000_CASEID	
0 (cont.)	Vehicle Number	IF000_VEHNUMBER	
0 (cont.)	Person Identifier	IF000_PASSENGERNUM	
All Rows of	All 15 Elements Recorded for Each Injury		
Rider/Occupant			
Injury Form			
0 (cont.)	Source of Injury Data	IF_INJURYDATASOURCE	
0 (cont.)	Body Region	IF_INJURYSOURCETXT	
0 (cont.)	Type of Anatomical Structure	IF_BODYREGION	
0 (cont.)	Specific Anatomical Structure	IF_ANATOMICSTRUCTURE	
0 (cont.)	Level of Injury	IF_SPECIFICANATOMICSTRUCTURE	
0 (cont.)	Severity	IF_LEVELOFINJURY	
0 (cont.)	Localizer1	IF_INJURYSEVERITY	
0 (cont.)	Localizer2	IF_LOCALIZER1	
0 (cont.)	1st Injury Source	IF_LOCALIZER2	
0 (cont.)	1st Injury Source - Text	IF_FIRSTINJURYSOURCE	
0 (cont.)	2nd Injury Source	IF_FIRSTINJURYSOURCETXT	
0 (cont.)	2nd Injury Source - Text	IF_SECONDINJURYSOURCE	
0 (cont.)	1st Injury Source Confidence Level	IF_SECONDINJURYSOURCETXT	
0 (cont.)	2nd Injury Source Confidence Level	IF_FIRSTINJURYSOURCECONFIDENCE	
0 (cont.)	Occupant Direct/Indirect Injury	IF_SECONDINJURYSOURCECONFIDENCE	
0 (cont.)	FCI	IF_DIRECTINDIRECTINJURY	
0 (cont.)	IDC-9	IF_FCI	
151	Blood Alcohol Concentration	IF151_BLOODALCOHOL	
152	Alcohol/Drug Impairment	IF152_ALCOHOLDRUGIMPAIRMENT	
152 (cont.)	Alcohol/Drug Impairment - Text	IF152_ALCOHOLDRUGIMPAIRMENTTXT	
153	Source of BAC information	IF153_BACINFORMATIONSOURCE	
154	Time Span from Crash to BAC Collection	IF154_TIMECRASHTOBACCOLLECTHR	
154 (cont.)	Time Span from Crash to BAC Collection	IF154_TIMECRASHTOBACCOLLECTMIN	
154 (cont.)	Time Span from Crash to BAC Collection - Text	IF154_TIMECRASHTOBACCOLLECTTXT	
155	Type of Drugs other than Alcohol	IF155_NONALCOHOLICDRUGTYPE	
155 (cont.)	Type of Drugs other than Alcohol - Text	IF155_NONALCOHOLICDRUGTYPETXT	
156	Source of Drugs other than Alcohol	IF156_NONALCOHOLICDRUGSOURCE	
157	Injury Severity Score	IF157_INJURYSEVERITYSCORE	
158	Trauma Status	IF158_TRAUMASTATUS	
158 (cont.)	Trauma Status - Text	IF158_TRAUMASTATUSTXT	
159	Number of Days of Hospital Admission	IF159_NUMBEROFDAYSINHOSPITAL	
159 (cont.)	Number of Days of Hospital Admission - Text	IF159_NUMBEROFDAYSINHOSPITALTXT	
160	Death Within How Many Days IF160_DEATHAFTERCRASHD		
160 (cont.)	Death Within How Many Days - Text	IF160_DEATHAFTERCRASHDAYSTXT	

Table 20. List of variables in the Other Vehicle Driver Form.

Variable		
Number	Variable	SAS® and Excel TM Name
0	Case Number	OD000_CASEID
0 (cont.)	Source	OD000_SOURCE
0 (cont.)	Vehicle Number	OD000_VEHICLENUMBER
1	Pre-Crash Motion Prior to Precipitating Event	OD001_PRECRASHMCOPERATION
1 (cont.)	Pre-Crash Motion Prior to Precipitating Event - Text	OD001_PRECRASHMCOPERATIONTXT
2	Sight line at the Start of the Crash Sequence	OD002_PRECRASHSIGHTLINE
2 (cont.)	Sight line at the Start of the Crash Sequence - Text	OD002_PRECRASHSIGHTLINETXT
3	Travel Lane Just Before the Precipitating Event	OD003_TRAVELLANEPREPRCIP
3 (cont.)	Travel Lane Just Before the Precipitating Event - Text	OD003_TRAVELLANEPREPRCIPTXT
4	Travel Speed Before the Precipitating Event	OD004_TRAVELSPEEDPREPRCIP
4 (cont.) 5	Travel Speed Before the Precipitating Event - Text	OD004_TRAVELSPEEDPREPRCIPTXT
5 (cont.)	Collision Avoidance Actions (Code up to 3) - Item 1 Collision Avoidance Actions (Code up to 3) - Item 2	OD005_COLLISIONAVOIDANCEACT1 OD005_COLLISIONAVOIDANCEACT2
	Collision Avoidance Actions (Code up to 3) - Item 2 Collision Avoidance Actions (Code up to 3) - Item 3	OD005_COLLISIONAVOIDANCEACT2 OD005_COLLISIONAVOIDANCEACT3
5 (cont.) 5 (cont.)	Collision Avoidance Actions (Code up to 5) - Item 5 Collision Avoidance Actions - Text	OD005_COLLISIONAVOIDANCEACTTXT
6	Description of Control Loss Due To Weather, Roadway Or	OD005_COLLISIONA VOIDANCEACTTAT OD006_OTHERFACTORSCONTROLLOSS
U	Mechanical Problems	OD000_OTHERFACTORSCONTROLLOSS
6 (cont.)	Description of Control Loss Due To Weather,	OD006 OTHERFACTORSCONTROLLOSS
o (cont.)	Roadway Or Mechanical Problems	OD000_OTTENTACTORSCONTROLLOSS
7	Number of Passengers	OD007_NUMBEROFOVPASSENGERS
8	Did OV Passenger Contribute to Crash	OD008_OVPCONTRIBFACTORS
8 (cont.)	Did OV Passenger Contribute to Crash - Text	OD008_OVPCONTRIBFACTORSTXT
9	Clarity of Line of Sight to Motorcycle	OD009_SIGHTLINETOMCCLEARED
9 (cont.)	Clarity of Line of Sight to Motorcycle - Text	OD009_SIGHTLINETOMCCLEAREDTXT
10	Object Obstructing View	OD010_OBSTRUCTINGOBJECTINVIEW
10 (cont.)	Object Obstructing View - Text	OD010_OBSTRUCTINGOBJECTINVIEWTXT
11	Was View to Motorcycle Obscured	OD011_VIEWTOMCOBSCURED
11 (cont.)	Was View to Motorcycle Obscured - Text	OD011_VIEWTOMCOBSCUREDTXT
12	Distractions	OD012_OVDDISTRACTED
12 (cont.)	Distractions - Text	OD012_OVDDISTRACTEDTXT
13	Start Point Of The Trip	OD013_TRIPORIGIN
13 (cont.)	Start Point Of The Trip - Text	OD013_TRIPORIGINTXT
14	Trip Destination	OD014_TRIPDESTINATION
14 (cont.)	Trip Destination - Text	OD014_TRIPDESTINATIONTXT
15	Trip Distance In Miles	OD015_ONEWAYTRIPMILEAGE
16	Frequency Of Travel On This Road On/In Any Vehicle	OD016_FREQUENCYROUTETRAVELLED
17	Time Driving Today Prior To The Crash (Hours)	OD017_RIDETIMEPRIORTOCRASHHRS
17 (cont.)	Time Driving Today Prior To The Crash (Minutes)	OD017_RIDETIMEPRIORTOCRASHMINS
17 (cont.)	Time Driving Today Prior To The Crash - Text	OD017_RIDETIMEPRIORTOCRASHTXT
18	Total Miles Traveled Before The Crash Occurred	OD018_MILESRODEPRIORTOCRASH
18 (cont.)	Total Miles Traveled Before The Crash Occurred -	OD018_MILESRODEPRIORTOCRASHTXT
19	Text Physical Impairment (Code up to 3) - Item 1	OD019_PHYSICALIMPAIRMENT1
19 (cont.)	Physical Impairment (Code up to 3) - Item 1 Physical Impairment (Code up to 3) - Item 2	OD019_PHYSICALIMPAIRMENT1 OD019_PHYSICALIMPAIRMENT2
19 (cont.)	Physical Impairment (Code up to 3) - Item 3	OD019_PHYSICALIMPAIRMENT3
19 (cont.)	Physical Impairment (Code up to 3) - Item 3 Physical Impairment - Text	OD019_PHYSICALIMPAIRMENTTXT
20	Physiological Status At The Time Of Crash (Code up to 3) -	OD020_PHYSIOLOGICALCONCERN1
	Item 1	
20 (cont.)	Physiological Status At The Time Of Crash (Code up	OD020_PHYSIOLOGICALCONCERN2
(1 1 1)	to 3) - Item 2	
20 (cont.)	Physiological Status At The Time Of Crash (Code up	OD020_PHYSIOLOGICALCONCERN3
	to 3) - Item 3	
20 (cont.)	Physiological Status At The Time Of Crash - Text	OD020_PHYSIOLOGICALCONCERNTXT
21	Psychological Status At The Time Of Crash (Code up to 3)	OD021_PSYCHOLOGICALCONCERN1
	- Item 1	
21 (cont.)	Psychological Status At The Time Of Crash (Code up	OD021_PSYCHOLOGICALCONCERN2
	to 3) - Item 2	

Variable		
Number	Variable	SAS® and Excel TM Name
21 (cont.)	Psychological Status At The Time Of Crash (Code up to 3) - Item 3	OD021_PSYCHOLOGICALCONCERN3
21 (cont.)	Psychological Status At The Time Of Crash - Text	OD021_PSYCHOLOGICALCONCERNTXT
22	Sleep In Hours 24 Hours Prior To The Crash	OD022_AMTSLEEPLAST24HRS
22 (cont.)	Sleep In Hours 24 Hours Prior To The Crash - Text	OD022_AMTSLEEPLAST24HRSTXT
23	Alcohol Or Any Drugs Or Medications Consumption 24 Hours Prior To The Crash	OD023_DRUGSLAST24HRS
23 (cont.)	Alcohol Or Any Drugs Or Medications Consumption 24 Hours Prior To The Crash - Text	OD023_DRUGSLAST24HRSTXT
24	Type Of Drugs Other Than Alcohol	OD024_NONALCOHOLICDRUGTYPE
24 (cont.)	Type Of Drugs Other Than Alcohol - Text	OD024_NONALCOHOLICDRUGTYPETXT
25	Source Of The Drugs Other Than Alcohol (Code up to 3) - Item 1	OD025_NONALCOHOLICDRUGSOURCE1
25 (cont.)	Source Of The Drugs Other Than Alcohol (Code up to 3) - Item 2	OD025_NONALCOHOLICDRUGSOURCE2
25 (cont.)	Source Of The Drugs Other Than Alcohol (Code up to 3) - Item 3	OD025_NONALCOHOLICDRUGSOURCE3
26	Time Driving Any Kind of Motor Vehicle (Years)	OD026_TIMEDRIVINGANYVEHICLEYR
26 (cont.)	Time Driving Any Kind of Motor Vehicle (Months)	OD026_TIMEDRIVINGANYVEHICLEMO
26 (cont.)	Time Driving Any Kind of Motor Vehicle - Text	OD026_TIMEDRIVINGANYVEHICLETXT
27	Time Driving the Crash-Involved Motorcycle/Motor Vehicle (Years)	OD027_DRIVINGEXPERIENCETHISOVYR
27 (cont.)	Time Driving the Crash-Involved Motorcycle/Motor Vehicle (Months)	OD027_DRIVINGEXPERIENCETHISOVMO
27 (cont.)	Time Driving the Crash-Involved Motorcycle/Motor Vehicle - Text	OD027_DRIVINGEXPERIENCETHISOVTXT
28	Miles/Year Drive Car or Truck	OD028_OVDRIVENINMILESPERYEAR
28 (cont.)	Miles/Year Drive Car or Truck - Text	OD028_OVDRIVENINMILESPERYEARTXT
29	Type Of Driving Training Driver Had	OD029_TYPEOFDRIVINGTRAINING
29 (cont.)	Type Of Driving Training Driver Had - Text	OD029_TYPEOFDRIVINGTRAININGTXT
30	Number Of Traffic Convictions In Previous 5 Years	OD030_RECENTTRAFFICCONVICTIONS
31	Number Of Motorcycle Moving Traffic Crashes In Past 5 Years	OD031_MCCRASHESLAST5YRS
32	Number Of Car Or Truck Traffic Crashes In Past 5 Years	OD032_OVCRASHESLAST5YRS
33	Do You Currently Ride a Street Motorcycle?	OD033_RIDESASTREETMC
33 (cont.)	Do You Currently Ride a Street Motorcycle? - Text	OD033_RIDESASTREETMCTXT
34	Motorcycle Riding experience (Years)	OD034_MCRIDINGEXPERIENCEYR
34 (cont.)	Motorcycle Riding experience (Months)	OD034_MCRIDINGEXPERIENCEMO
34 (cont.)	Motorcycle Riding experience - Text	OD034_MCRIDINGEXPERIENCETXT
35	Average Number Of Days/Year Driver Rides Motorcycles	OD035_AVERAGEDAYSRIDINGMC
35 (cont.)	Average Number Of Days/Year Driver Rides Motorcycles - Text	OD035_AVERAGEDAYSRIDINGMCTXT
36	Miles/Year Driver Rides Motorcycles	OD036_MCRIDDENINMILES
36 (cont.)	Miles/Year Driver Rides Motorcycles - Text	OD036_MCRIDDENINMILESTXT
37	Time Of Riding a Motorcycle Versus Another Type of Vehicle In Percentage	OD037_PERCENTTRAVELBYMC
37 (cont.)	Time Of Driving Another Type of Vehicle Versus Riding a Motorcycle In Percentage	OD037_PERCENTTRAVELBYOVTYPE
38	When You Ride A Motorcycle, What Is The Percentage Of Time You Use It For Recreation	OD038_PERCENTRECREATIONALUSE
38 (cont.)	When You Ride A Motorcycle, What Is The Percentage Of Time You Use It For Transportation	OD038_PERCENTTRANSPORTATIONUSE
39	Age At The Time of The Crash	OD039_MCRYEARSOFAGE
40	Driver Injury In This Crash	OD040_INJUREDINCRASH
41	Type Of Medical Treatment Received	OD041_TYPEOFMEDICALTREATMENT
41 (cont.)	Type Of Medical Treatment Received - Text	OD041_TYPEOFMEDICALTREATMENTTXT
42	State/Country Where Current Driver's License Issued	OD042_LICENSEISSUER

Variable	Vicitali.	CACO I F ITM N
Number	Variable	SAS® and Excel TM Name OD042 LICENSEISSUERTXT
42 (cont.)	State/Country Where Current Driver's License Issued - Text	_
43	Type Of Operator's License (Code up to 4) - Item 1	OD043_LICENSETYPE1
43 (cont.)	Type Of Operator's License (Code up to 4) - Item 2	OD043_LICENSETYPE2
43 (cont.)	Type Of Operator's License (Code up to 4) - Item 3	OD043_LICENSETYPE3
43 (cont.)	Type Of Operator's License (Code up to 4) - Item 4	OD043_LICENSETYPE4
43 (cont.)	Type Of Operator's License - Text	OD043_LICENSETYPETXT
44	Year License 1 Issued	OD044_YEARLICENSEISSUED1
44 (cont.)	Year License 2 Issued	OD044_YEARLICENSEISSUED2
44 (cont.)	Year License 3 Issued	OD044_YEARLICENSEISSUED3
44 (cont.)	Year License 4 Issued	OD044_YEARLICENSEISSUED4
45	Does Your License Qualify You to Operate This Motor Vehicle?	OD045_LICENSEAPPLIESTOTHISOV
46	Riders Origin - Hispanic Or Latino	OD046_HISPANICORIGIN
46 (cont.)	Riders Origin - Hispanic Or Latino - Text	OD046_HISPANICORIGINTXT
47	Race (Code up to 4) - Item 1	OD047_RACE1
47 (cont.)	Race (Code up to 4) - Item 2	OD047_RACE2
47 (cont.)	Race (Code up to 4) - Item 3	OD047_RACE3
47 (cont.)	Race (Code up to 4) - Item 4	OD047_RACE4
47 (cont.)	Race - Text	OD047_RACETXT
48	Riders Height (Feet)	OD048_MCRHEIGHTFEET
48 (cont.)	Riders Height (Inches)	OD048_MCRHEIGHTINCHES
49	Riders Weight (Pounds)	OD049_MCRWEIGHT
50	Gender	OD050_GENDER
51	Level Of Formal Education	OD051_LEVELOFEDUCATION
51 (cont.)	Level Of Formal Education - Text	OD051_LEVELOFEDUCATIONTXT
52	Current Occupation	OD052_CURRENTOCCUPATION
52 (cont.)	Current Occupation - Text	OD052_CURRENTOCCUPATIONTXT
53	Are You Required to Wear Corrective Lenses When Riding/Driving?	OD053_CORRECTIVELENSESREQD
53 (cont.)	Are You Required to Wear Corrective Lenses When Riding/Driving? - Text	OD053_CORRECTIVELENSESREQDTXT
54	Were Corrective Lenses In Use at the Time of the Crash?	OD054_CORRECTIVELENSESUSED
54 (cont.)	Were You Wearing Corrective Lenses at the Time of	OD054_CORRECTIVELENSESUSEDTXT
	the Crash? - Text	
55	Marital Status	OD055_MARITALSTATUS
55 (cont.)	Marital Status - Text	OD055_MARITALSTATUSTXT
56	Number Of Children	OD056_NUMBEROFCHILDREN
56 (cont.)	Number Of Children - Text	OD056_NUMBEROFCHILDRENTXT
57	Blood Alcohol Concentration (BAC)	OD057_BLOODALCOHOL
57 (cont.)	Blood Alcohol Concentration (BAC) - Text	OD057_BLOODALCOHOLTXT
58	Source of BAC information	OD058_BACINFORMATIONSOURCE
58 (cont.)	Source of BAC information - Text	OD058_BACINFORMATIONSOURCETXT

Table 21. List of variables in the Other Vehicle Form.

Mariable		
Variable Number	Variable	SAS® and Excel TM Name
0	Case Number	OV000_CASEID
0 (cont.)	Vehicle Number	OV000_CASEID OV000_VEHICLENUMBER
1	Vehicle Body Type	OV000_VEHICLENGMBER OV001_OVBODYTYPE
1 (cont.)	Vehicle Body Type - Text	OV001_OVBODYTYPETXT
2	Vehicle Body Type - Text Vehicle Manufacturer	OV001_OVBOD111FE1X1 OV002_OVMANUFACTURER
	Vehicle Manufacturer - Text	OV002_OVMANUFACTURER OV002_OVMANUFACTURERTXT
2 (cont.)	Vehicle Mahuracturer - Text Vehicle Model	OV002_OVMANOPACTORERTAT OV003_OVMODEL
3 (cont.)	Vehicle Model - Text	OV003_OVMODEL OV003_OVMODELTXT
3 (cont.) 4	Model Year	OV003_OVMODELTAT OV004_OVMODELYEAR
5	Vehicle Identification Number	OV004_OVMODELTEAR OV005_VIN
6	Vehicle Curb Weight	OV005_VIIV OV006_CURBWEIGHT
7	Is This Vehicle Equipped With ABS	OV007_ABSEQUIPPED
7 (cont.)	Is This Vehicle Equipped With ABS - Text	OV007_ABSEQUIPPEDTXT
8	Did This Vehicle Experience Mechanical Problems	OV007_ABSEQUIFFEDTAT OV008_MECHPROBEXPERIENCED
8 (cont.)	Did This Vehicle Experience Mechanical Problems -	OV008_MECHPROBEXPERIENCEDTXT
8 (Cont.)	Text	UV008_WECHPROBEAPERIENCEDIAI
9	Pre-crash Motion Prior to Precipitating Event	OV009_PRECRASHMOTIONPREPRCIP
9 (cont.)	Pre-crash Motion Prior to Precipitating Event - Text	OV009_PRECRASHMOTIONPREPRCIPTXT
10	Travel Speed At Time of Precipitating Event	OV010_SPEEDATPRCIPEVENT
11	Line of Sight to Motorcycle	OV011_LINEOFSIGHTTOMC
12	Pre-crash Motion after Precipitating Event	OV012_OVMOTIONPOSTPRECIPEVNT
12 (cont.)	Pre-crash Motion after Precipitating Event - Text	OV012_OVMOTIONPOSTPRECIPEVNTTXT
13	Collision Avoidance Action (Code up to 4) - Item 1	OV013_CRASHAVOIDANCEACTION1
13 (cont.)	Collision Avoidance Action (Code up to 4) - Item 2	OV013_CRASHAVOIDANCEACTION2
13 (cont.)	Collision Avoidance Action (Code up to 4) - Item 3	OV013_CRASHAVOIDANCEACTION3
13 (cont.)	Collision Avoidance Action (Code up to 4) - Item 4	OV013_CRASHAVOIDANCEACTION4
13 (cont.)	Collision Avoidance Action - Text	OV013_CRASHAVOIDANCEACTIONTXT
14	Braking Skid Marks on Roadway	OV014_SKIDMARKSDESCRIP
14 (cont.)	Braking Skid Marks on Roadway - Text	OV014_SKIDMARKSDESCRIPTXT
15	Length of Skid Marks on Roadway - Left Front Tire (Feet)	OV015_LFRONTTIRESKIDLENGTHFEET
15 (cont.)	Length of Skid Marks on Roadway - Left Front Tire (Inches)	OV015_LFRONTTIRESKIDLENGTHINCHES
15 (cont.)	Length of Skid Marks on Roadway - Left Rear Tire (Feet)	OV015_LREARTIRESKIDLENGTHFEET
15 (cont.)	Length of Skid Marks on Roadway - Left Rear Tire (Inches)	OV015_LREARTIRESKIDLENGTHINCHES
15 (cont.)	Length of Skid Marks on Roadway - Right Front Tire (Feet)	OV015_RFRONTTIRESKIDLENGTHFEET
15 (cont.)	Length of Skid Marks on Roadway - Right Front Tire (Inches)	OV015_RFRONTTIRESKIDLENGTHINCHES
15 (cont.)	Length of Skid Marks on Roadway - Right Rear Tire (Feet)	OV015_RREARTIRESKIDLENGTHFEET
15 (cont.)	Length of Skid Marks on Roadway - Right Rear Tire (Inches)	OV015_RREARTIRESKIDLENGTHINCHES
16	Braking Skid Mark Evidence on Roadway	OV016_SKIDEVIDENCEONROAD
16 (cont.)	Braking Skid Mark Evidence on Roadway - Text	OV016_SKIDEVIDENCEONROADTXT
17	Braking Tire Striation Evidence	OV017_TIRESTRIATIONEVIDENCE
17 (cont.)	Braking Tire Striation Evidence - Text	OV017_TIRESTRIATIONEVIDENCETXT
18	Acceleration Evidence on Tires	OV018_TIREACCELEVIDENCE
18 (cont.)	Acceleration Evidence on Tires - Text	OV018_TIREACCELEVIDENCETXT
19	Cornering Skid Mark Evidence on Roadway	OV019_CORNERINGSKIDEVIDENCE
19 (cont.)	Cornering Skid Mark Evidence on Roadway - Text	OV019_CORNERINGSKIDEVIDENCETXT
20	Cornering Tire Striation Evidence	OV020_CORNERINGTIRESTRIATION
20 (cont.)	Cornering Tire Striation Evidence - Text	OV020_CORNERINGTIRESTRIATIONTXT
21	Other Vehicle First-Collision Contact Code	OV021_OVFRSTCOLLISIONCONTACT
21 (cont.)	Other Vehicle First-Collision Contact Code - Text	OV021_OVFRSTCOLLISIONCONTACTTXT
22	Object(s) Contacted (Code up to 3) Item 1	OV022_OBJECTCONTACTED1

Variable				
Number	Variable	SAS® and Excel TM Name		
22 (cont.)	Object(s) Contacted (Code up to 3) Item 1 - Text	OV022_OBJECTCONTACTED1TXT		
22 (cont.)	Object(s) Contacted (Code up to 3) Item 2	OV022_OBJECTCONTACTED2		
22 (cont.)	Object(s) Contacted (Code up to 3) Item 2 - Text	OV022_OBJECTCONTACTED2TXT		
22 (cont.)	Object(s) Contacted (Code up to 3) Item 3	OV022_OBJECTCONTACTED3		
22 (cont.)	Object(s) Contacted (Code up to 3) Item 3 - Text	OV022_OBJECTCONTACTED3TXT		
23	Impact Speed In MPH	OV023_OVIMPACTSPEED		
24	PDOF - Principal Direction of Force (In Degrees)	OV024_PRINCIPLEDIROFFORCE		
25	Other Vehicle Post-Crash Motion Code	OV025_OVPOSTCRASHMOTION		
25 (cont.)	Other Vehicle Post-Crash Motion Code - Text	OV025_OVPOSTCRASHMOTIONTXT		
26	Distance from POI to POR (Sign)	OV026_DISTPOITOOVPORSIGN		
26 (cont.)	Distance from POI to POR (Feet)	OV026_DISTPOITOOVPORFEET		
26 (cont.)	Distance from POI to POR (Inches)	OV026_DISTPOITOOVPORINCHES		
26 (cont.)	Offset Distance from POI to POR (Sign)	OV026_OFFSETPOITOOVPORSIGN		
26 (cont.)	Offset Distance from POI to POR (Feet)	OV026_OFFSETPOITOOVPORFEET		
26 (cont.)	Offset Distance from POI to POR (Inches)	OV026_OFFSETPOITOOVPORINCHES		

⁻⁻not applicable.

Table 22. List of variables in the Helmet Form.

Variable		
Number	Variable	SAS® and Excel TM Name
0	Case Number	HF000_CASEID
0 (cont.)	Motorcycle or Other Vehicle Number	HF000_VEHNUMBER
0 (cont.)	Person Number	HF000_PASSENGERNUMBER
1	Wearer of Helmet	HF001_HELMETWEARER
1 (cont.)	Wearer of Helmet - Text	HF001_HELMETWEARERTXT
2	Wearing Helmet on Head	HF002_HELMETONHEAD
2 (cont.)	Wearing Helmet on Head - Text	HF002_HELMETONHEADTXT
3	Was Helmet Properly Adjusted on Head	HF003_HELMETPROPERLYADJUSTED
3 (cont.)	Was Helmet Properly Adjusted on Head - Text	HF003_HELMETPROPERLYADJUSTEDTXT
4	Was Your Helmet Securely Fastened to Your Head Was Your Helmet Securely Fastened to Your Head -	HF004_HELMETPROPERTYSECURED
4 (cont.)	Text	HF004_HELMETPROPERLYSECUREDTXT
5	Type of Helmet	HF005_HELMETTYPE
5 (cont.)	Type of Helmet - Text	HF005_HELMETTYPETXT
6	Type of Coverage	HF006_HELMETCOVERAGE
6 (cont.)	Type of Coverage - Text	HF006_HELMETCOVERAGETXT
7	Predominating Color	HF007_HELMETCOLOR
7 (cont.)	Predominating Color - Text	HF007_HELMETCOLORTXT
8	Color of Face Shield, if Present	HF008_FACESHIELDCOLOR
8 (cont.)	Color of Face Shield, if Present - Text	HF008_FACESHIELDCOLORTXT
9	Helmet Owned by Wearer	HF009_HELMETWEARERISOWNER
9 (cont.)	Helmet Owned by Wearer - Text	HF009_HELMETWEARERISOWNERTXT
10	Helmet Fit	HF010_HELMETFIT
10 (cont.)	Helmet Fit - Text	HF010_HELMETFITTXT
11	Claimed Frequency of Helmet Use on Head	HF011_CLAIMEDFREQOFHELMETUSE
12	Conditions Under Which Helmet Use on Head (Code up to 4) - Item 1	HF012_HELMETUSECONDITION1
12 (cont.)	Conditions Under Which Helmet Use on Head (Code up to 4) - Item 2	HF012_HELMETUSECONDITION2
12 (cont.)	Conditions Under Which Helmet Use on Head (Code up to 4) - Item 3	HF012_HELMETUSECONDITION3
12 (cont.)	Conditions Under Which Helmet Use on Head (Code up to 4) - Item 4	HF012_HELMETUSECONDITION4
12 (cont.)	Conditions Under Which Helmet Use on Head - Text	HF012_HELMETUSECONDITIONTXT
13	Helmet Manufacturer	HF013_HELMETMANUFACTURER
13 (cont.)	Helmet Manufacturer - Text	HF013_HELMETMANUFACTURERTXT
14	Date of Manufacture	HF014_MANUFACTUREDATE
15	Helmet Model, List or Code Model - Text	HF015_HELMETMODELTXT
16	Conformity to Which Standards (Code up to 4) - Item 1	HF016_HELMETSTANDARDMET1
16 (cont.)	Conformity to Which Standards (Code up to 4) - Item 2	HF016_HELMETSTANDARDMET2
16 (cont.)	Conformity to Which Standards (Code up to 4) - Item 3	HF016_HELMETSTANDARDMET3
16 (cont.)	Conformity to Which Standards (Code up to 4) - Item 4	HF016_HELMETSTANDARDMET4
16 (cont.)	Conformity to Which Standards - Text	HF016_HELMETSTANDARDMETTXT
17	Labeled Size, in Inches and Eighths	HF017_HELMETSIZE
17 (cont.)	Labeled Size, in Inches and Eighths - Text	HF017_HELMETSIZETXT
18	Helmet Mass	HF018_HELMETMASS
19	Condition Prior to Crash	HF019_HELMETPRIORCONDITION
19 (cont.)	Condition Prior to Crash - Text	HF019_HELMETPRIORCONDITIONTXT
20	Type of Helmet Retention System	HF020_HELMETRETENSIONSYSTEM
20 (cont.)	Type of Helmet Retention System - Text	HF020_HELMETRETENTIONSYSTEMTXT
21	Was Helmet Retained in Place on Head During Crash	HF021_HELMETRETAINEDINCRASH
21 (cont.)	Was Helmet Retained in Place on Head During Crash - Text	HF021_HELMETRETAINEDINCRASHTXT
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Variable			
Number	Variable	SAS® and Excel TM Name	
22	Was There a Retention System Failure	HF022_HELMETRETENTIONFAILURE	
23	Type of Retention System Failure	HF023_HELMETRETENTIONFAILTYPE	
23 (cont.)	Type of Retention System Failure - Text	HF023_HELMETRETENTIONFAILTYPETXT	
24	Hemet External Damage Marks 1 - Type	HF024_HELMETDAMAGE1TYPE	
24 (cont.)	Hemet External Damage Marks 1 - Location	HF024_HELMETDAMAGE11 TTE	
24 (cont.)	Hemet External Damage Marks 1 - Text	HF024_HELMETDAMAGE1TXT	
24 (cont.)	Hemet External Damage Marks 2 - Type	HF024_HELMETDAMAGE2TYPE	
24 (cont.)	Hemet External Damage Marks 2 - Location	HF024_HELMETDAMAGE2LOCATION	
24 (cont.)	Hemet External Damage Marks 2 - Text	HF024_HELMETDAMAGE2TXT	
24 (cont.)	Hemet External Damage Marks 3 - Type	HF024_HELMETDAMAGE3TYPE	
24 (cont.)	Hemet External Damage Marks 3 - Location	HF024_HELMETDAMAGE3LOCATION	
24 (cont.)	Hemet External Damage Marks 3 - Text	HF024_HELMETDAMAGE3TXT	
24 (cont.)	Hemet External Damage Marks 4 - Type	HF024_HELMETDAMAGE4TYPE	
24 (cont.)	Hemet External Damage Marks 4 - Location	HF024_HELMETDAMAGE4LOCATION	
24 (cont.)	Hemet External Damage Marks 4 - Text	HF024_HELMETDAMAGE4TXT	
24 (cont.)	Hemet External Damage Marks 5 - Type	HF024_HELMETDAMAGE5TYPE	
24 (cont.)	Hemet External Damage Marks 5 - Location	HF024_HELMETDAMAGE5LOCATION	
24 (cont.)	Hemet External Damage Marks 5 - Text	HF024_HELMETDAMAGE5TXT	
25	Type of Helmet	HF025_MCOROTHERHELMETTYPE	
25 (cont.)	Type of Helmet - Text	HF025_MCOROTHERHELMETTYPETXT	
26	Lens or Shield Material, if Used	HF026_LENSMATERIAL	
26 (cont.)	Lens or Shield Material, if Used - Text	HF026_LENSMATERIALTXT	
27	Eye Coverage Damage Locations (Code up to 4) - Item 1	HF027_EYECOVERDAMAGELOC1	
27 (cont.)	Eye Coverage Damage Locations (Code up to 4) -	HF027_EYECOVERDAMAGELOC2	
27 (651111)	Item 2	111 027_B1B00 (B1B1 11 11 10 EB0 02	
27 (cont.)	Eye Coverage Damage Locations (Code up to 4) -	HF027_EYECOVERDAMAGELOC3	
(, , , , ,	Item 3		
27 (cont.)	Eye Coverage Damage Locations (Code up to 4) -	HF027_EYECOVERDAMAGELOC4	
, ,	Item 4	_	
28	Type of Damage to Eye Coverage Location 1	HF028_TYPEEYECOVERDAMAGE1	
28 (cont.)	Type of Damage to Eye Coverage Location 2	HF028_TYPEEYECOVERDAMAGE2	
28 (cont.)	Type of Damage to Eye Coverage Location 3	HF028_TYPEEYECOVERDAMAGE3	
28 (cont.)	Type of Damage to Eye Coverage Location 4	HF028_TYPEEYECOVERDAMAGE4	
28 (cont.)	Type of Damage to Eye Coverage - Text	HF028_TYPEEYECOVERDAMAGETXT	
29	Retention System Misuse	HF029_HELMETRETENTIONMISUSE	
29 (cont.)	Retention System Misuse - Text	HF029_HELMETRETENTIONMISUSETXT	
30	Type of Impact	HF030_HELMETTESTIMPACTTYPE	
30 (cont.)	Type of Impact - Text	HF030_HELMETTESTIMPACTTYPETXT	
31	Impact Location	HF031_HELMETTESTIMPACTLOC	
31 (cont.)	Impact Location - Text	HF031_HELMETTESTIMPACTLOCTXT	
32	Most Severe Impact Clock Face Location - Left Side	HF032_MOSTSEVERELFTIMPACTLOC	
32 (cont.)	Most Severe Impact Clock Face Location - Left Top	HF032_MOSTSEVERELFTTOPIMPACTLOC	
32 (cont.)	Most Severe Impact Clock Face Location - Right	HF032_MOSTSEVERERGTIMPACTLOC	
	Side		
32 (cont.)	Most Severe Impact Clock Face Location - Right	HF032_MOSTSEVERERGTTOPIMPACTLOC	
	Тор		
32 (cont.)	Most Severe Impact Clock Face Location - Text	HF032_MOSTSEVEREIMPACTLOCTXT	
33	Number of Distinct Impacts at This Location	HF033_DISTINCTIMPACTSCOUNT	
34	Shell Material	HF034_SHELLMATERIAL	
34 (cont.)	Shell Material - Text	HF034_SHELLMATERIALTXT	
35	Shell Thickness	HF035_SHELLTHICKNESS	
36	Liner Material	HF036_LINERMATERIAL	
36 (cont.)	Liner Material - Text	HF036_LINERMATERIALTXT	
37	Liner Thickness	HF037_LINERTHICKNESS	
38	Liner Density	HF038_LINERDENSITY	
39	Maximum Liner Crush	HF039_MAXLINERCRUSH	
40	Area of Liner Crush or Signature	HF040_AREAOFLINERCRUSH	
41	Geometry of Impacting Surface	HF041_IMPACTINGSURFACEGEOM	
41 (cont.)	Geometry of Impacting Surface - Text	HF041_IMPACTINGSURFACEGEOMTXT	

Number	Variable	SAS® and Excel TM Name	
42	Material of Impacting Surface	HF042_IMPACTINGSURFACEMATL	
42 (cont.)	Material of Impacting Surface - Text	HF042_IMPACTINGSURFACEMATLTXT	
43	Which Headform Used for Replication Testing	HF043_HEADFORMUSEDINTEST	
43 (cont.)	Which Headform Used for Replication Testing - Text	HF043_HEADFORMUSEDINTESTTXT	
44	Mass of Replication Drop Apparatus	HF044_DROPAPPARATUSMASS	
45	Equivalent Laboratory Testing Anvil	HF045_TESTINGANVILTYPE	
45 (cont.)	Equivalent Laboratory Testing Anvil - Text	HF045_TESTINGANVILTYPETXT	
46	Helmet Impact Velocity from Crash Reconstruction	HF046_CRASHIMPACTVELOCITYTEST	
47	Impact Velocity from Laboratory Replication	HF047_LABIMPACTVELOCITY	
48	Peak Headform Acceleration	HF048_PEAKHEADFORMACCEL	
49	Dwell Time Above 200g	HF049_DWELLTIME	
50	Head Injury Criteria, HIC	HF050_HEADINJURYCRITERIA	
51	Gadd Severity Index, GSI	HF051_GADDSEVERITYINDEX	
52	Equivalent Specific Energy/Equivalent Drop Height from Crash Reconstruction	HF052_EQUIVENERGYRECONSTRUCT	
53	Equivalent Specific Energy/Equivalent Drop Height from Laboratory Replication	HF053_EQUIVENERGYLABTEST	
54	Type of Impact	HF054_2NDHELMETTESTIMPACTTYPE	
54 (cont.)	Type of Impact - Text	HF054_2NDHELMETTESTIMPACTTYPETXT	
55	Impact Location	HF055_2NDHELMETTESTIMPACTLOC	
55 (cont.)	Impact Location - Text	HF055_2NDHELMETTESTIMPACTLOCTXT	
56	2nd Most Severe Impact Clock Face Location - Left Side	HF056_2NDSEVERELFTIMPACTLOC	
56 (cont.)	2nd Most Severe Impact Clock Face Location - Left Top	HF056_2NDSEVERELFTTOPIMPACTLOC	
56 (cont.)	2nd Most Severe Impact Clock Face Location - Right Side	HF056_2NDSEVERERGTIMPACTLOC	
56 (cont.)	2nd Most Severe Impact Clock Face Location - Right Top	HF056_2NDSEVERERGTTOPIMPACTLOC	
56 (cont.)	2nd Most Severe Impact Clock Face Location - Text	HF056_2NDSEVEREIMPACTLOCTXT	
57	2nd Most Severe Impact Number of Distinct Impacts at This Location	HF057_2NDDISTINCTIMPACTSCOUNT	
58	2nd Most Severe Impact Shell Material	HF058_2NDSHELLMATERIAL	
58 (cont.)	2nd Most Severe Impact Shell Material - Text	HF058_2NDSHELLMATERIALTXT	
59	2nd Most Severe Impact Shell Thickness	HF059_2NDSHELLTHICKNESS	
60	2nd Most Severe Impact Liner Material	HF060_2NDLINERMATERIAL	
60 (cont.)	2nd Most Severe Impact Liner Material - Text	HF060_2NDLINERMATERIALTXT	
61	2nd Most Severe Impact Liner Thickness	HF061_2NDLINERTHICKNESS	
62	2nd Most Severe Impact Liner Density	HF062_2NDLINERDENSITY	
63	2nd Most Severe Impact Maximum Liner Crush	HF063_2NDMAXLINERCRUSH	
64	2nd Most Severe Impact Area of Liner Crush or Signature	HF064_2NDAREAOFLINERCRUSH	
65	2nd Most Severe Impact Geometry of Impacting Surface	HF065_2NDIMPACTSURFACEGEOM	
65 (cont.)	2nd Most Severe Impact Geometry of Impacting Surface - Text	HF065_2NDIMPACTSURFACEGEOMTXT	
66	2nd Most Severe Impact Material of impacting surface	HF066_2NDIMPACTSURFACEMATL	
66 (cont.)	2nd Most Severe Impact Material of impacting surface - Text	HF066_2NDIMPACTSURFACEMATLTXT	
67	2nd Most Severe Impact Which Headform Used for Replication Testing	HF067_2NDHEADFORMUSEDINTEST	
67 (cont.)	2nd Most Severe Impact Which Headform Used for Replication Testing - Text	HF067_2NDHEADFORMUSEDINTESTTXT	
68	2nd Most Severe Impact Mass of Replication Drop Apparatus	HF068_2NDDROPAPPARATUSMASS	
69	2nd Most Severe Impact Equivalent Laboratory Testing Anvil	HF069_2NDTESTINGANVILTYPE	
69 (cont.)	2nd Most Severe Impact Equivalent Laboratory Testing Anvil - Text	HF069_2NDTESTINGANVILTYPETXT	

Variable				
Number	Variable	SAS® and Excel TM Name		
70	2nd Most Severe Impact Helmet Impact Velocity from	HF070_2NDCRASHIMPACTVELOCITYEST		
	Crash Reconstruction			
71	2nd Most Severe Impact Velocity from Laboratory	HF071_2NDLABIMPACTVELOCITY		
	Replication			
72	2nd Most Severe Impact Peak Headform Acceleration	HF072_2NDPEAKHEADFORMACCEL		
73	2nd Most Severe Impact Dwell Time Above 200g	HF073_2NDDWELLTIME		
74	2nd Most Severe Impact Head Injury Criteria, HIC	HF074_2NDHEADINJURYCRITERIA		
75	2nd Most Severe Impact Gadd Severity Index, GSI	HF075_2NDGADDSEVERITYINDEX		
76	2nd Most Severe Impact Equivalent Specific	HF076_2NDEQUIVENERGYRECONSTRUCT		
	Energy/Equivalent Drop Height from Crash			
	Reconstruction			
77	2nd Most Severe Impact Equivalent Specific	HF077_2NDEQUIVENERGYLABTEST		
	Energy/Equivalent Drop Height from Laboratory			
	Replication			

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