

BUS INSPECTION FORM

CASE NUMBER: _____

Administration

Inspection completed 0 = No; 1 = Yes

Inspection date yyyyymmdd

Inspection duration

Start Time:

End Time:

Duration:

Source of information locating vehicle 2 = Driver; 3 = Passenger;
4 = Owner if not occupant;
5 = Police; 6 = Towing service;
7 = Workshop/auto wrecker

Distance to inspection site km

Investigators (name)

<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

When applicable, use below proposed codes.

—= Not applicable (7777) OT= Other (8888) U= Unknown (9999)

General		
Vehicle Identification		
Registration Number	<input type="text"/>	
VIN Number	<input type="text"/>	
Country of Registration	<input type="text"/>	
Accident participant according to DaCoTA	<input type="text"/>	A; B; C;
Traveled Lane	<input type="text"/>	
Make and Model		
Make	<input type="text"/>	
Model	<input type="text"/>	
Year and month of manufacture	<input type="text"/>	
Model Year	<input type="text"/>	
Colour	<input type="text"/>	
General		
Bus Use	<input type="text"/>	2 = Coach; 3 = City bus; 4 = Intercity bus; 5 = Double Decker City; 6 = Scholar bus
Number of side doors	<input type="text"/>	0-6
Gearbox type	<input type="text"/>	2 = Manual; 3 = Automatic; 4 = Automatic with manual shift mode
Drive of vehicle	<input type="text"/>	2 = Left; 3 = Right
Hybrid vehicle	<input type="text"/>	0 = No; 1 = Yes
Engine power	<input type="text"/>	kW
Fuel type	<input type="text"/>	2 = Petrol and Ethanol; 3 = Diesel/RME;
Alternative Fuel	<input type="text"/>	4 = Electricity; 5 = Natural/bio gas
Towing Vehicle	<input type="text"/>	0 = No; 1 = Yes

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Geometry and Weight		
Bus length	<input type="text"/>	mm
Vehicle width	<input type="text"/>	mm
Gross weight	<input type="text"/>	kg
Kerb Weight	<input type="text"/>	kg
Weight at accident, total combination	<input type="text"/>	kg
Number of axles	<input type="text"/>	2 = 2 Axles; 3 = 3 Axles; 4 = 4 Axles
Steering at any rear axle	<input type="text"/>	0 = No; 1 = Yes
Articulated bus	<input type="text"/>	0 = No; 3 = Yes, one; 4 = Yes, two
Safety Systems		
Mirrors		
5D wide angle mirror driver side	<input type="text"/>	0 = No; 1 = Yes
6D main mirror driver side	<input type="text"/>	
Front mirror	<input type="text"/>	
3P wide angle mirror passenger side	<input type="text"/>	
4P main mirror passenger side	<input type="text"/>	

Support and Warning Systems		
Impairment warning system		0 = No 3 = Yes, not in use 4 = Yes, in use 5 = Yes, unknown if in use
Alcolock		
Lane departure warning		
Forward collision warning		
Back-up alarm		
Back-up assistant		
GPS		
Cruise control		*See below
*Cruise Control		
0 = No 3 = Yes, non-adaptive, not in use 4 = Yes, non-adaptive, in use 5 = Yes, non-adaptive, unknown if in use 6 = Yes, adaptive, not in use 7 = Yes, adaptive, in use 8 = Yes, adaptive, unknown if in use 9 = Yes, stop-and-go, in use 10 = Yes, stop-and-go, not in use 11 = Yes, stop-and-go, unknown if in use 12 = Yes, unknown type, in use 13 = Yes, unknown type, not in use 14 = Yes, unknown type, unknown if in use		
Brake and Handling Systems		
Electronic stability program		0 = No 3 = Yes, not in use 4 = Yes, in use 5 = Yes, unknown if in use
Retarder		
Traction control system		
Brake System		2 = No ABS/EBS; 3 = ABS; 4 = EBS
Active brake light		0 = No; 1 = Yes
Visibility		
Xenon lights		0 = No 3 = Yes, low beam only 4 = Yes, high beam only 5 = Yes, both high and low beam 6 = Yes, not further specified
Rear camera		0 = No; 3 = Yes, not in use; 4 = Yes, in use; 5 = Yes, unknown if in use

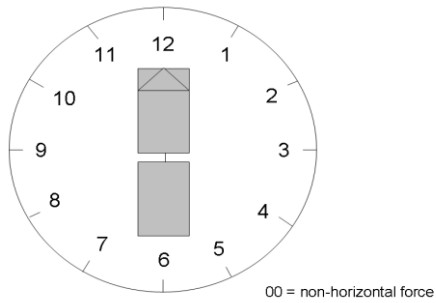
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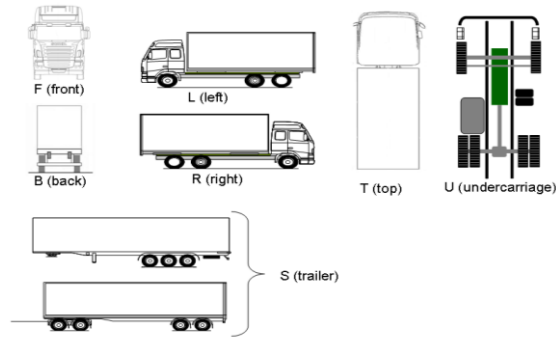
Impacts

TDC Diagrams

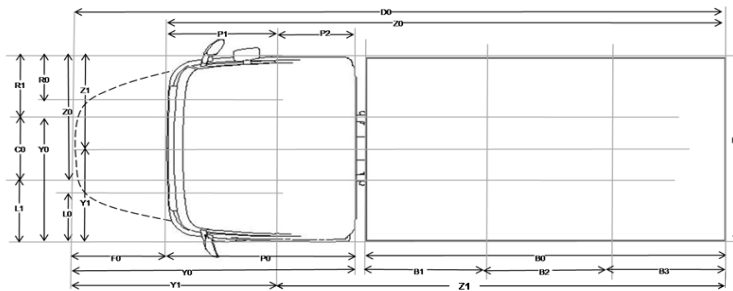
TDC 1 & 2



TDC 3



TDC 4 & 4E



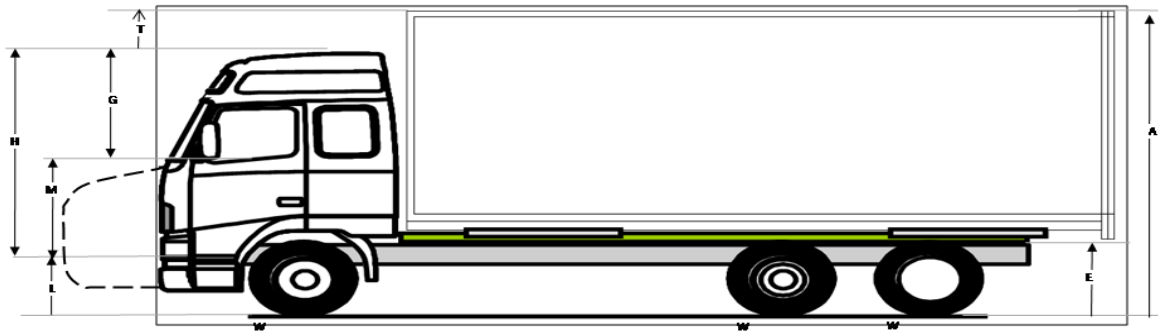
If Front or Rear impact_code along width:

- R0 = 1/4 from right side
- L0 = 1/4 from left side
- R1 = 1/3 from right side
- L1 = 1/3 from left side
- C0 = 1/3, centre
- Z1 = 1/2 from right side
- Y1 = 1/2 from left side
- Z0 = 2/3 from right side
- Y0 = 2/3 from left side
- D0 = Distributed across entire width

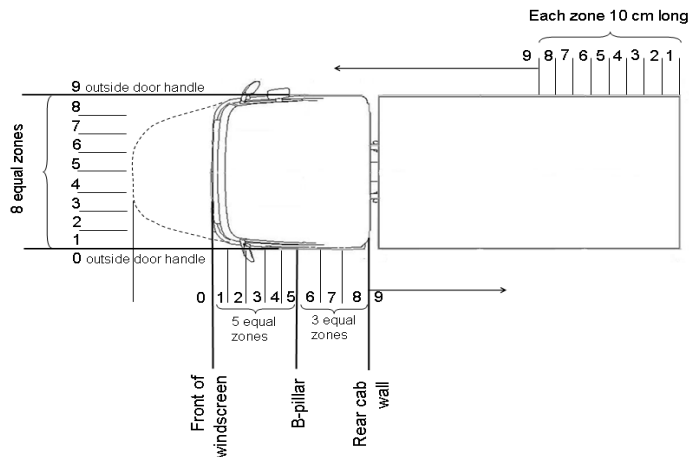
If Side impact (or if box 3 = T or U) ,code along length:

- F0 = Hood*
 - P0 = All of cab (excl. hood, if conventional)
 - P1 = Between A-pillar and B-pillar
 - P2 = Between B-pillar and C-pillar
 - B0 = Behind rear cab wall
 - B1 = Frontmost 1/3 between rear cab wall and end of truck
 - B2 = Centre 1/3 between rear cab wall and end of truck
 - B3 = Rearmost 1/3 between rear cab wall and end of truck
 - Y0 = Front of hood to rear cab wall*
 - Y1 = Front of hood to B-pillar*
 - Z0 = All of truck (excl. hood if conventional)
 - Z1 = From B-pillar to end of truck
 - D0 = Distributed across entire length*
- * Only for conventional trucks

TDC 5



TDC 7



When applicable, use below proposed codes.

—= Not applicable (7777)

OT= Other (8888)

U= Unknown (9999)

General			
Impact			
	IMPACT NO:	1	2
	3		
Pillar Deformation			(Mark all that apply)
BDC 1,2			00-12 (See Figure "TDC 1 & 2")
BDC 3			F = Front; L = Left; R = Right; B = Back; T = Top; U = Undercarraige; S = Trailer (See Figure "TDC 3")
BDC 4			See Figure "TDC 4 & 4E"
BDC 4e			
BDC 5			See Figure "TDC 5"
BDC 6			O = Rollover; N = Narrow <41 cm not including a corner; E = Narrow <41 cm including a corner; W = Wide >41 cm; S = Side or end swipe (10 cm or less); J = Jack-knife; B = Overrun
BDC 7			0-9 See Figure "TDC 7"
Pillar			
Pillar Deformation			
	IMPACT NO:	1	2
	3		
Left A-pillar deformation			2 = None 3 = Minor deformation (0-2 cm) 4 = Moderate deformation (3-10 cm) 5 = Major deformation (>10 cm)
Left B-pillar deformation			
Left C-pillar deformation			
Right A-pillar deformation			
Right B-pillar deformation			
Right C-pillar deformation			
Roof			
Roof Deformation			
	IMPACT NO:	1	2
	3		
Roof deformation seat position 1			2 = None 3 = Minor deformation (0-2 cm) 4 = Moderate deformation (3-10 cm) 5 = Major deformation (>10 cm)
Roof deformation seat position 2			
Roof deformation seat position 3			
Front roof header deformation			

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Cab								
Cab Deformation								
IMPACT NO: 1 2 3								
Rear cab wall deformed								0 = No; 1 = Yes
Cab dislocated								0 = No; 3 = Dislocated rearwards; 4 = Dislocated to the left 5 = Dislocated to the right; 6 = Turned over forward; 7 = Completely separated from the chassis; 8 = Dislocated forward
Underrun Protection								
IMPACT NO: 1 2 3								
Frontal underrun protection damaged								0 = No; 1 = Yes
Rear underrun protection damaged								
Side underrun protection damaged								
Pedestrian								
Pedestrian Contacts								
Pedestrian contact No:	1	2	3	4	5	6	7	
X-Distance								cm
Y-distance								cm
Z-Distance								cm
Wraparound-distance								cm
Vehicle area								* See below
Body Region								** See below
* Vehicle Area				** Body Region				
2 = Bumper left				2 = Lower leg				
3 = Bumper centre				3 = Knee				
4 = Bumper right				4 = Upper leg				
5 = Bonnet leading edge left				5 = Pelvis				
6 = Bonnet leading edge centre				6 = Abdomen				
7 = Bonnet leading edge right				7 = Thorax				
8 = Front hood left				8 = Shoulder				
9 = Front hood centre				9 = Upper arm				
10 = Front hood right				10 = Elbow				
11 = Rear hood left				11 = Lower arm				
12 = Rear hood centre				12 = Head				
13 = Rear hood right								
14 = A-pillar left								
15 = A-pillar right								
16 = Fender left								
17 = Fender right								
18 = Windscreen left								
19 = Windscreen centre								
20 = Windscreen right								
21 = Upper windscreen frame								
22 = Roof								

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Exterior				
General				
Fire		0 = No; 1 = Yes		
Fire start location		2 = Cab; 3 = Engine and engine compartment; 4 = Load carrier on truck; 6 = Outside source; 7 = Trailer; 8 = Under vehicle		
Automatic fire extinguisher in compartment		0 = No; 1 = Yes, activated; 4 = Yes, not activated		
Fire extinguisher inside bus		0 = No; 1 = Yes, used; 4 = Yes, not used		
Marks from extrication, tow-away		0 = No; 1 = Yes		
Fuel and Batteries				
Battery damage		0 = No; 3 = Minor damage; 4 = Moderate visible damage; 5 = Major damage		
Battery attachment		2 = Attached; 3 = Loose		
Fuel tanks damaged		2 = Intact; 3 = Damaged without holes; 4 = Damaged with hole		
Fuel pipes				
Leakage				
Liquid fuel		Windscreen washer fluid		0 = No; 1 = Yes
Gas fuel		Cooling liquid		
Engine oil		Acid		
Gearbox oil		Brake fluid		
Power steering oil		Other liquid		
Fuel tank Placing				
Fuel tank placing		2 = Left; 3 = Right; 4 = Both		
Exterior Other				
Damage to steering system		0 = No; 1 = Yes		
Front axle displacement				
Frame damage				
Brakes damaged				

When applicable, use below proposed codes.

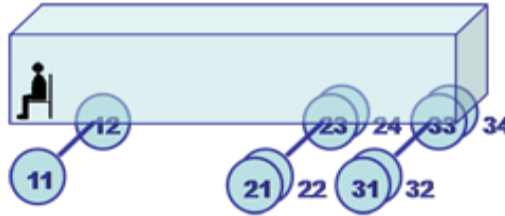
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Doors and Glazing									
Doors									
Door Number:	1	2	3	4	5	6	7	8	See * below
Door Condition									
*Door Condition									
2 = Openable;				5 = Unopenable;					
3 = Openable only from outside;				6 = Door opened in crash;					
4 = Openable only from inside				7 = door opened by rescueservices using tools					
Side Windows Left									
Number of side windows									
Emergency exit in windows	0 = No; 3 = Yes, used; 4 = Yes, not used								
Emergency exit damaged	0 = No; 2 = Broken in crash; 3 = Broken by occupant with emergency hammer; 4 = Broken by occupant in other way								
Laminated side windows damaged	0 = No; 2 = Yes, broken not holed; 3 = Yes, holed and/or partly separated/opened; 4 = Yes, completely crushed/separated or opened window								
Side Windows Right									
Number of side windows									
Emergency exit in windows	0 = No; 3 = Yes, used; 4 = Yes, not used								
Emergency exit damaged	0 = No; 2 = Broken in crash; 3 = Broken by occupant with emergency hammer; 4 = Broken by occupant in other way								
Laminated side windows damaged	0 = No; 2 = Yes, broken not holed; 3 = Yes, holed and/or partly separated/opened; 4 = Yes, completely crushed/separated or opened window								
Other Glazing									
Roofhatch	0 = No; 1 = Yes								
Roofhatch damaged	0 = No; 3 = Yes, broken not holed if glass; 4 = Yes, holed and/or partly separated and/or partly opened; 5 = Yes, completely crushed/separated; 6 = Opened sunroof								
Emergency exit in roof hatch	0 = No; 3 = Yes, used; 4 = Yes, not used								
Windscreen damaged	0 = No; 3 = Yes, broken not holed; 4 = Yes, completely crushed/separated window; 5 = Yes, completely crushed/separated window								
Bonded windscreen	0 = No; 1 = Yes								

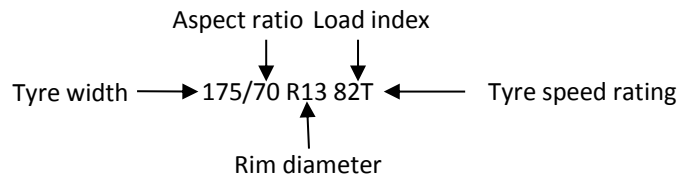
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Wheels



Tyre Position						
1,1	1,4					Fill in rear wheel position
Tyre make						*Specify below.
Tyre model						
Rim type						2 = Steel; 3 = Alloy
Rim condition						2 = Undamaged; 3 = Minor damage; 4 = Major damage
Tyre type						2 = Summer; 3 = Winter studded; 4 = Winter not studded; 5 = All Season Tyre 6 = Mud and Terrain
Recapped tire						0 = No; 1 = Yes
Tyre width						mm
Aspect ratio						
Rim diameter						inch
Load index						0-279
Tyre speed rating						
Manufacturing date						wwyy
Depth of tyre						mm
Tyre pressure						Value in kg/cm ²
Tyre blown out						0 = No; 2 = Yes, pre-crash; 3 = Yes, in crash; 4 = Yes, post-crash 5 = Yes, unknown when
Wheel separated from vehicle						0 = No; 2 = Yes, partly separated; 3 = Yes, completely separated



* Tyre make & model

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Interior	
General	
Steering wheel out of position	0 = No; 1 = Yes
Steering wheel deformation	0 = No; 3 = Yes, deformed by occupant; 4 = Yes, deformed by other; 5 = Yes, unknown cause
Left side dashpanel intrusion	2 = None or minor deformation (0-5 cm) 3 = Moderate (6-15 cm) 4 = Major (>15 cm)
Right side dashpanel intrusion	
Driver side footwell area (Longitudinal deformation)	2 = None; 3 = Minor deformation 4 = Moderate; 5 = Major
Inner accessories/Infotainment	0 = No; 1 = Yes
Bed restraint	2 = Yes, in use; 3 = No bed restraint in use
Cargo in passenger compartment	0 = No; 3 = 0-25 kg; 4 = 26-50 kg; 5 = 51-100 kg; 6 = More than 100 kg; 7 = Yes, unknown weight

When applicable, use below proposed codes.

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Belt and Seat			
Seat Information			
Seat position	1,1	1,2	1,3
Seating direction			2 = Forward facing 3 = Rearward facing 4 = Lateral
Longitudinal seat position			2 = Front; 3 = Middle; 4 = Rear
Seat separated from floor			0 = No; 1 = Yes
Seat covers			2 = Fabric; 3 = Leather; 4 = Synthetic leather-like material; 5 = Both leather and fabric
Additional seat covers			0 = No; 1 = Yes
Electric adjustment system			0 = No 3 = Yes, longitudinal and backrest 4 = Yes, longitudinal only 5 = Yes, backrest only 6 = Yes, unknown type
Backrest position			2 = Upright; 3 = Middle; 4 = Leaning back
Backrest deformation			2 = Not deformed; 3 = Deformed by occupant; 4 = Deformed by other occupant; 5 = Deformed by cargo; 6 = Deformed by vehicle structure; 7 = Deformed by unknown object
Neck restraint			0 = No; 3 = Yes, adjustable; 4 = Yes, fixed
Neck restraint position (if adjustable)			2 = Lower; 3 = Middle; 4 = Upper
Whiplash protection			0 = No; 1 = Yes
Whips measurement			mm

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—= Not applicable (7777)

OT= Other (8888)

U= Unknown (9999)

Belt and Seat			
Belt Information			
Seat belt code	1,1		1,3
		1,2	
Seat belt type			2 = No belt 3 = Two point safety belt - lap 4 = Two point safety belt - chest 5 = Three point safety belt 6 = Four point safety belt 7 = Five point safety belt
Signs of seat belt usage			2 = No sign 3 = Signs indicating use of seat belt 4 = Signs indicating no use of seat belt
Upper belt attachment			2 = Pillar 3 = Seatback 4 = Cross-car beam 5 = Roof
Belt malfunction			0 = No; 1 = Yes
Upper attachment type			2 = Fixed 3 = Automatically adjustable 4 = Manually adjustable
Friction marks, webbing			0 = No; 1 = Yes
Pretensioner Type			0 = No 3 = Yes, in reel 4 = Yes, in buckle 5 = Yes, in lower fixation 6 = Yes, multiple pretensioners 7 = Yes, unknown location
Movement through buckle			2 = No movement 3 = Yes, upwards 4 = Yes, downwards 5 = Yes, both upwards and downwards 6 = Yes, unknown direction
Pretensioner Activated			0 = No; 1 = Yes
Belt Jammed			0 = No 3 = Yes, D-ring 4 = Yes, buckle 5 = Yes, both D-ring and buckle
Load limiter			0 = No; 1 = Yes

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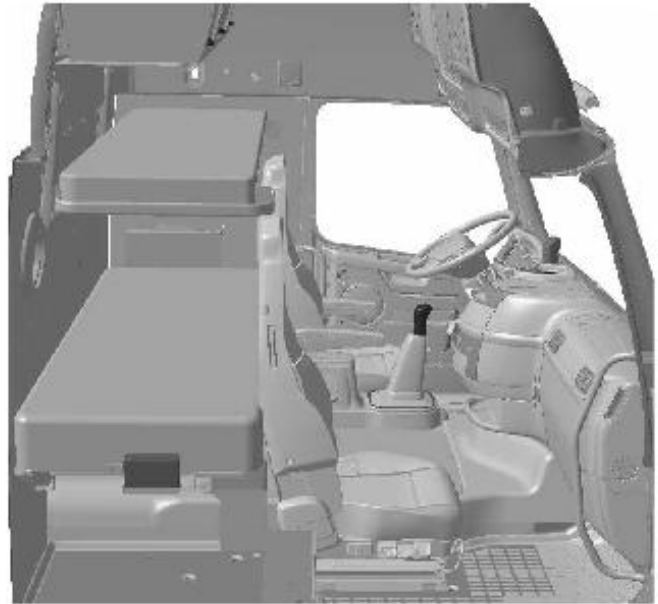
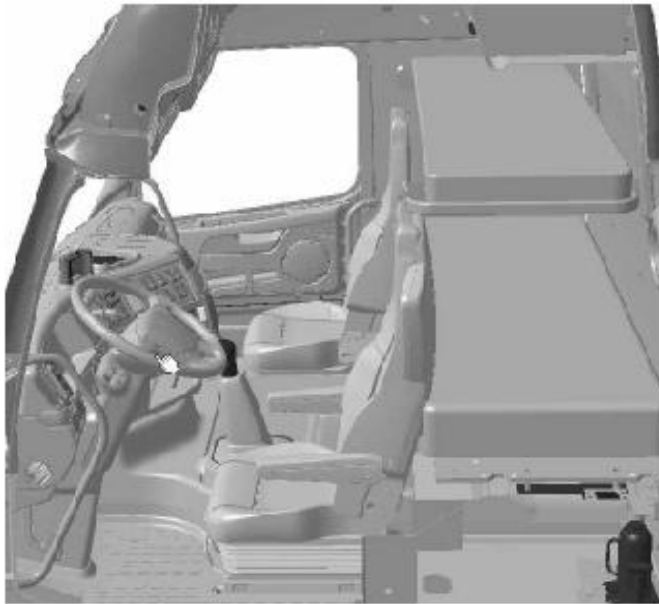
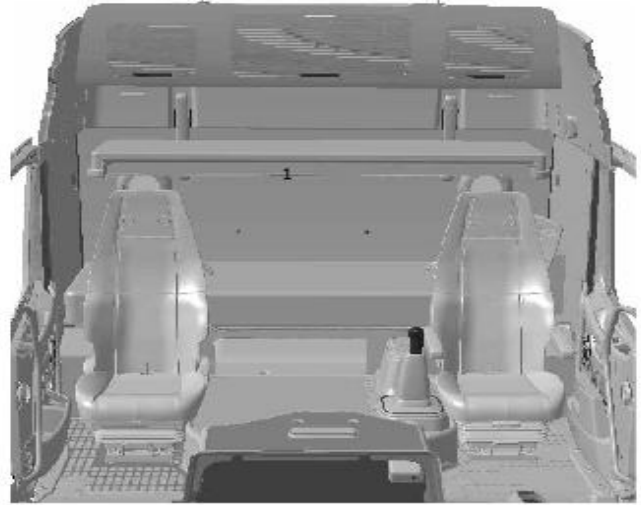
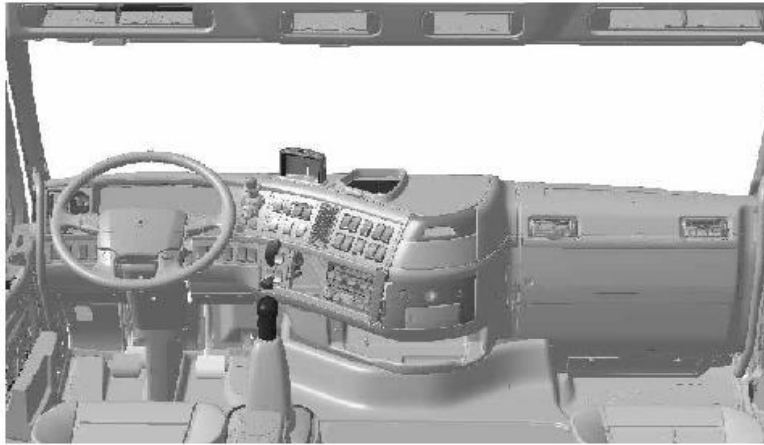
U= Unknown (9999)

Airbag										
	A	B	C	D	E	F	G	H	I	
Airbag Row										1; 2; 3
Airbag side										2 = Driver side 3 = Passenger side 4 = Middle
Airbag type										* See below
Airbag deployment										2 = Deployed; 3 = Deployed but blocked 4 = Not deployed
Airbag damaged										0 = No; 1 = Yes
Airbag removed post-crash										
Airbag disconnected										0 = No; 1 = Yes
Number of chambers (if side airbag)										1; 2; 3
*Airbag Type										
2 = Steering wheel 3 = Facia 4 = Knee 5 = Footwell 6 = Back of seat in front 7 = Door thorax 8 = Door head & thorax 9 = Door thorax & pelvis 10 = Door head & thorax & pelvis 11 = Door NFS 12 = Seat-back thorax					13 = Seat-back head & thorax 14 = Seat-back thorax & pelvis 15 = Seat-back head & thorax & pelvis 16 = Seat-back NFS 17 = Inflatable tube for this seat 18 = Inflatable tube for this seat and position behind 19 = Inflatable curtain for this seat 20 = Inflatable curtain for this seat and position behind 21 = Cant rail NFS 22 = Door mounted inflatable curtain (e.g. Volvo c70)					

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Interior Observations



Mark observations, hitmarks, deformations, separations, sharp edges etc. in picture and and describe below

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8

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