



## General

### Vehicle Identification

Registration Number	<input type="text"/>	
VIN Number	<input type="text"/>	
Country of Registration	<input type="text"/>	
Accident participant according to DaCoTA Traveled Lane	<input type="text"/>	A; B; C; 7777 = N/A; 9999 = Unknown
	<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; 8888 = Other; 9999 = Unknown
Number of side doors	<input type="text"/>	0-6
Gearbox type	<input type="text"/>	2 = Manual; 3 = Automatic; 4 = Automatic with manual shift mode; 8888 = Other; 9999 = Unknown
Drive of vehicle	<input type="text"/>	2 = Left; 3 = Right; 8888 = Other; 9999 = Unknown
Hybrid vehicle	<input type="text"/>	0 = No; 1 = Yes; 9999 = Unknown
Engine power	<input type="text"/>	kW
Fuel type	<input type="text"/>	2 = Petrol and Ethanol; 3 = Diesel/RME; 4 = Electricity; 5 = Natural/bio gas; 8888 = Other; 9999 = Unknown
Alternative Fuel	<input type="text"/>	2 = Petrol and Ethanol; 3 = Diesel/RME; 4 = Electricity; 5 = Natural/Bio Gas; 7777 = Not Applicable; 8888 = Other; 9999 = Unknown
Towing Vehicle	<input type="text"/>	0 = No; 1 = Yes; 9999 = Unknown

### 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; 8888 = Other; 9999 = Unknown
Steering at any rear axle	<input type="text"/>	0 = No; 1 = Yes; 9999 = Unknown
Articulated bus	<input type="text"/>	0 = No; 3 = Yes, one; 4 = Yes, two; 9999 = Unknown

### Safety Systems

#### Mirrors

5D wide angle mirror driver side	<input type="text"/>	
6D main mirror driver side	<input type="text"/>	
Front mirror	<input type="text"/>	0 = No; 1 = Yes; 9999 = Unknown
3P wide angle mirror passenger side	<input type="text"/>	
4P main mirror passenger	<input type="text"/>	

### Support and Warning Systems

Impairment warning system	<input type="text"/>	0 = No; 3 = Yes, not in use; 4 = Yes, in use; 5 = Yes, unknown if in use; 9999 = Unknown
Alcolock	<input type="text"/>	
Lane departure warning	<input type="text"/>	
Forward collision warning	<input type="text"/>	
Back-up alarm	<input type="text"/>	
Back-up assistant	<input type="text"/>	
GPS	<input type="text"/>	0 = No; 1 = Yes; 9999 = Unknown
Cruise control	<input type="text"/>	*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;  
 9999 = Unknown

### Brake and Handling Systems

Electronic stability program	<input type="text"/>	0 = No; 3 = Yes, not in use; 4 = Yes, in use; 5 = Yes, unknown if in use; 9999 = Unknown
Retarder	<input type="text"/>	
Traction control system	<input type="text"/>	
Brake System	<input type="text"/>	2 = No ABS/EBS; 3 = ABS; 4 = EBS; 8888 = Other; 9999 = Unknown
Active brake light	<input type="text"/>	0 = No; 1 = Yes; 9999 = Unknown

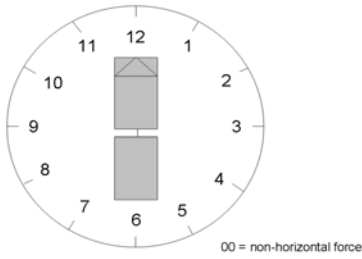
### Visibility

Xenon lights	<input type="text"/>	0 = No; 3 = Yes, low beam only; 4 = Yes, high beam only; 5 = Yes, both high and low beam; 6 = Yes, not further specified; 9999 = Unknown
Rear camera	<input type="text"/>	0 = No; 3 = Yes, not in use; 4 = Yes, in use;

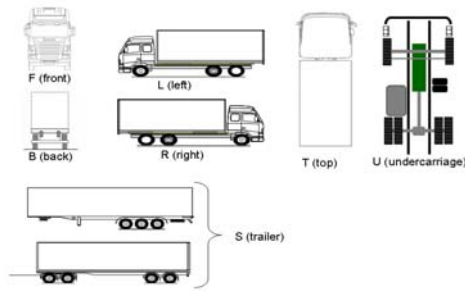
# Impacts

## TDC Diagrams

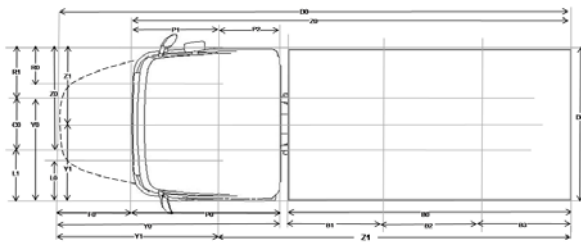
### BDC 1 & 2



### BDC 3



### BDC 4 & 4E



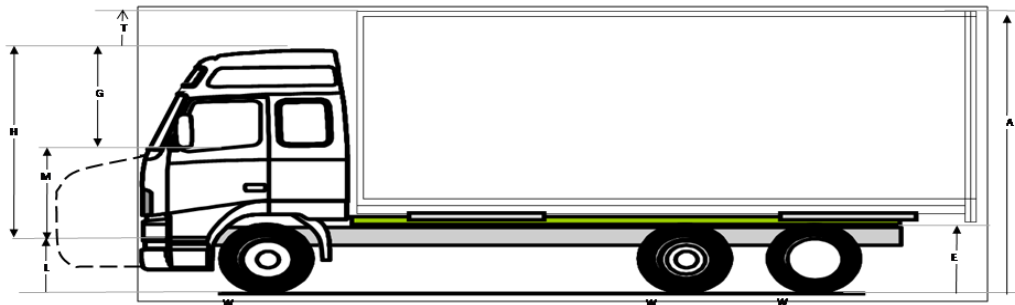
If Front or Rear impact, code along width:

- 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

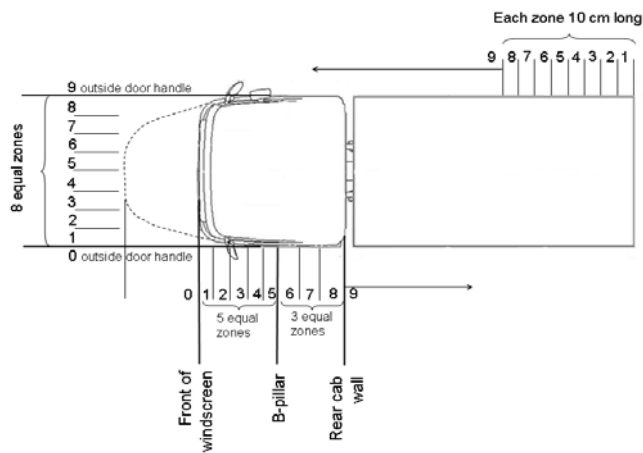
If Side impact (or if box 3 = T or U), code along length:

- 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

### BDC 5



### BDC 7



**General**

**Impact**

	IMPACT NO:			
	1	2	3	
Pillar Deformation				
BDC 1,2				00-12 (See Figure "BDC 1 & 2")
BDC 3				F = Front; L = Left; R = Right; B = Back; T = Top; U = Undercarraige; S = Trailer (See Figure "BDC 3")
BDC 4				See Figure "BDC 4 & 4E"
BDC4e				
BDC5				See Figure "BDC 5"
BDC6				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;
BDC7				0-9 See Figure "BDC 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); 7777 = Not Applicable; 9999 = Unknown
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); 7777 = Not Applicable; 9999 = Unknown
Roof deformation seat position 2				
Roof deformation seat position 3				
Front roof header deformation				

**Cab****Cab Deformation**

Rear cabwell deformed

0 = No; 1 = Yes; 9999 = Unknown

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; 7777 = Not Applicable; 9999 = Unknown**Underrun Protection****Underrun Protection Deformation**Frontal underrun protection  
damagedRear underrun protection  
damaged

0 = No; 1 = Yes; 9999 = Unknown

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; 3 = Bumper centre; 4 = Bumper right;  
 5 = Bonnet leading edge left;  
 6 = Bonnet leading edge centre;  
 7 = Bonnet leading edge right; 8 = Front hood left;  
 9 = Front hood centre; 10 = Front hood right;  
 11 = Rear hood left; 12 = Rear hood centre;  
 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;  
 8888 = Other; 9999 = Unknown

2 = Lower leg; 3 = Knee; 4 = Upper leg; 5 = Pelvis;  
 6 = Abdomen; 7 = Thorax; 8 = Shoulder; 9 = Upper arm;  
 10 = Elbow; 11 = Lower arm; 12 = Head;  
 8888 = Other; 9999 = Unknown



**Exterior****General****General**

Fire	<input type="text"/>	0 = No; 1 = Yes; 9999 = Unknown
Fire start location	<input type="text"/>	2 = Cab; 3 = Engine and engine compartment; 4 = Load carrier on truck; 6 = Outside source; 7 = Trailer; 8 = Under vehicle; 7777 = Not Applicable; 9999 = Unknown
Automatic fire extinguisher in compartment	<input type="text"/>	0 = No; 3 = Yes, activated; 4 = Yes, not activated; 7777 = Not Applicable
Fire extinguisher inside bus	<input type="text"/>	0 = No; 3 = Yes, used; 4 = Yes, not used; 7777 = Not Applicable
Marks from extrication, tow-away	<input type="text"/>	0 = No; 1 = Yes; 9999 = Unknown

**Fuel and Batteries**

Battery damage	<input type="text"/>	0 = No; 3 = Minor damage; 4 = Moderate visible damage; 5 = Major damage; 7777 = Not Applicable; 9999 = Unknown
Battery attachment	<input type="text"/>	2 = Attached; 3 = Loose; 7777 = Not Applicable; 9999 = Unknown
Fuel tanks damaged	<input type="text"/>	2 = Intact; 3 = Damaged without holes; 4 = Damaged with hole;
Fuel pipes	<input type="text"/>	7777 = Not Applicable; 9999 = Unknown

**Leakage**

Liquid fuel	<input type="text"/>	Windscreen washer fluid	<input type="text"/>	0 = No; 1 = Yes; 9999 = Unknown
Gas fuel	<input type="text"/>	Cooling liquid	<input type="text"/>	
Engine oil	<input type="text"/>	Acid	<input type="text"/>	
Gearbox oil	<input type="text"/>	Brake fluid	<input type="text"/>	
Power steering oil	<input type="text"/>	Other liquid	<input type="text"/>	

**Exterior Other**

Damage to steering system	<input type="text"/>	0 = No; 1 = Yes; 9999 = Unknown
Front axle displacement	<input type="text"/>	
Frame damage	<input type="text"/>	
Brakes damaged	<input type="text"/>	

**Doors and Glazing****Doors**

Door Number:

1	2	3	4	5	6	7	8

Door Condition

See \* below

**\*Door Condition**

2 = Openable; 3 = Openable only from outside; 4 = Openable only from inside; 5 = Unopenable;  
 6 = Door opened in crash; 7 = door opened by rescueservices using tools; 7777 = Not Applicable;  
 9999 = Unknown

**Side Windows Left**

Number of side windows

Emergency exit in windows

0 = No; 3 = Yes, used; 4 = Yes, not used; 7777 = Not Applicable

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;  
 7777 = Not Applicable; 9999 = Unknown

**Side Windows Right**

Number of side windows

Emergency exit in windows

0 = No; 3 = Yes, used; 4 = Yes, not used; 7777 = Not Applicable

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;  
 7777 = Not Applicable; 9999 = Unknown

**Other Glazing**

Roofhatch

0 = No; 1 = Yes; 9999 = Unknown

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;  
 7777 = Not Applicable; 9999 = Unknown

Emergency exit in roof hatch

0 = No; 3 = Yes, used; 4 = Yes, not used

Windscreen damaged

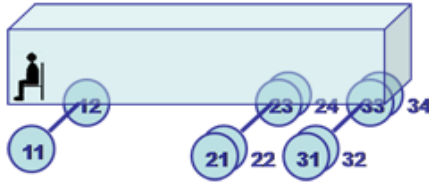
0 = No; 3 = Yes, broken not holed;  
 4 = Yes, completely crushed/separated window;  
 5 = Yes, completely crushed/separated window;  
 7777 = Not Applicable; 9999 = Unknown

Bonded windscreen

0 = No; 1 = Yes; 9999 = Unknown

**Wheels**

**Wheels**

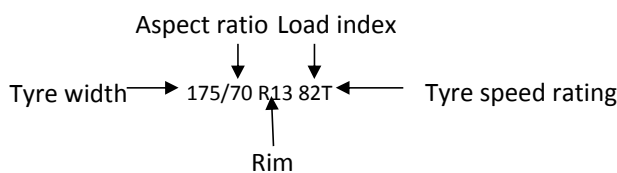


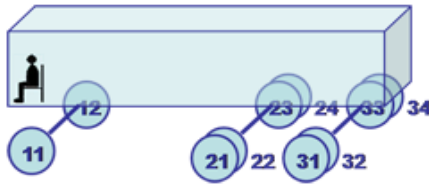
Tyre Number
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	1,1	1,2	2,1	2,2	2,3	2,4	3,1	3,2	3,3	
Tyre make										
Tyre model										
Rim type										2 = Steel; 3 = Alloy; 4 = Small size spare wheel; 8888 = Other; 9999 = Unknown
Rim condition										2 = Undamaged; 3 = Minor damage; 4 = Major damage; 9999 = Unknown
Tyre type										2 = Summer; 3 = Winter studded; 4 = Winter not studded; 5 = All Season Tyre; 6 = Mud and Terrain; 9999 = Unknown
Recapped tire										0 = No; 1 = Yes; 9999 = Unknown

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 <sup>2</sup>
Tyre blown out										0 = No; 2 = Yes, pre-crash;
Wheel separated from vehicle										0 = No; 2 = Yes, partly separated; 3 = Yes, completely separated;





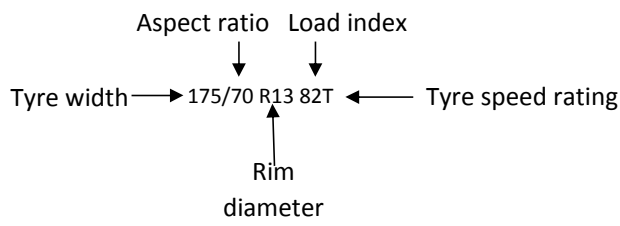
Tyre Number									
	3,4								
Tyre make									
Tyre model									
Rim type									
Rim condition									
Tyre type									
Recapped tire									
Tyre width									mm
Aspect ratio									
Rim diameter									inch
Load index									0-279
Tyre speed rating									
Manufacturing date									wwyy
Depth of tyre									mm
Tyre pressure									Value in kg/cm <sup>2</sup>
Tyre blown out									0 = No; 2 = Yes, pre-crash; 3 = Yes, in crash; 4 = Yes, post-crash; 5 = Yes, unknown when; 9999 = Unknown
Wheel separated from vehicle									0 = No; 2 = Yes, partly separated; 3 = Yes, completely separated; 9999 = Unknown

2 = Steel; 3 = Alloy;  
 4 = Small size spare wheel;  
 8888 = Other; 9999 = Unknown

2 = Undamaged; 3 = Minor damage;  
 4 = Major damage; 9999 = Unknown

2 = Summer; 3 = Winter studded;  
 4 = Winter not studded;  
 5 = All Season Tyre;  
 6 = Mud and Terrain;  
 9999 = Unknown

0 = No; 1 = Yes; 9999 = Unknown



**Interior****General**

Steering wheel out of position

 0 = No; 1 = Yes; 9999 = Unknown

Steering wheel deformation

 0 = No; 3 = Yes, deformed by occupant;

Left side dashpanel intrusion

 2 = None or minor deformation (0-5 cm);

Right side dashpanel intrusion

 3 = Moderate (6-15 cm); 4 = Major (>15 cm);  
7777 = Not Applicable; 9999 = Unknown

Driver side footwell area longitudinal deformation

 2 = None; 3 = Minor deformation; 4 = Moderate;  
5 = Major; 7777 = Not Applicable; 9999 = Unknown

Inner accessories/Infotainment

 0 = No; 1 = Yes; 9999 = Unknown

Bed restraint

 2 = Yes, in use; 3 = No bed restraint in use;

Cargo in passenger

 0 = No; 3 = 0-25 kg; 4 = 26-50 kg; 5 = 51-100 kg;

compartment

 6 = More than 100 kg; 7 = Yes, unknown weight;

**Belt and Seat**

**Seat Information**

	1,1	1,2	1,3	
Seat position	1,1	1,2	1,3	
Seating direction				2 = Forward facing; 3 = Rearward facing; 4 = Lateral; 8888 = Other; 9999 = Unknown
Longitudinal seat position				2 = Front; 3 = Middle; 4 = Rear; 9999 = Unknown
Seat separated from floor				0 = No; 1 = Yes; 9999 = Unknown
Seat covers				2 = Fabric; 3 = Leather; 4 = Synthetic leather-like material;
Additional seat covers				0 = No; 1 = Yes; 9999 = Unknown
Electric adjustment system				0 = No;
Backrest position				2 = Upright; 3 = Middle; 4 = Leaning back;
Backrest deformation				2 = Not deformed;
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; 9999 = Unknown
Whips measurement				mm

### Belt Information

Seat belt code

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Seat belt type

Signs of seat belt usage


2 = No belt;  
2 = No sign;

Upper belt attachment


2 = Pillar; 3 = Seatback;  
4 = Cross-car beam; 5 = Roof;  
7777 = Not Applicable; 8888 = Other;  
9999 = Unknown

Belt malfunction

Upper attachment type


0 = No; 1 = Yes; 9999 = Unknown  
2 = Fixed; 3 = Automatically adjustable;

Friction marks, webbing

Pretensioner Type

Movement through buckle

Pretensioner Activated


0 = No; 1 = Yes; 9999 = Unknown  
0 = No; 3 = Yes, in reel; 4 = Yes, in buckle;  
2 = No movement; 3 = Yes, upwards;  
0 = No; 1 = Yes; 9999 = Unknown

Belt Jammed


0 = No; 3 = Yes, D-ring; 4 = Yes, buckle;

Load limiter

0 = No; 1 = Yes; 9999 = Unknown

**Airbag**

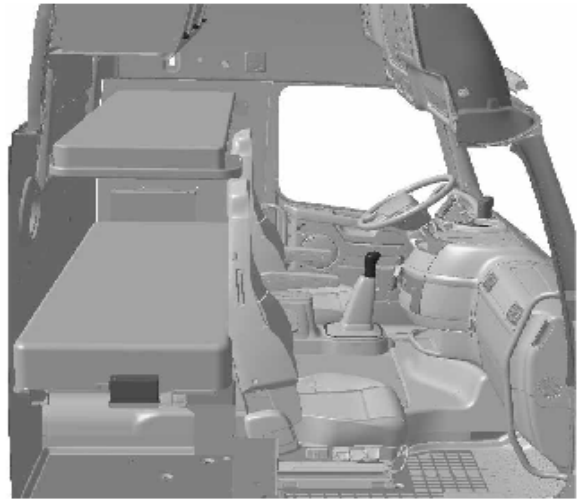
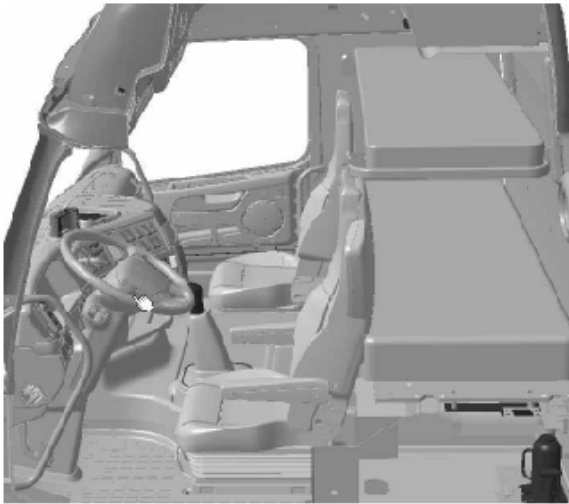
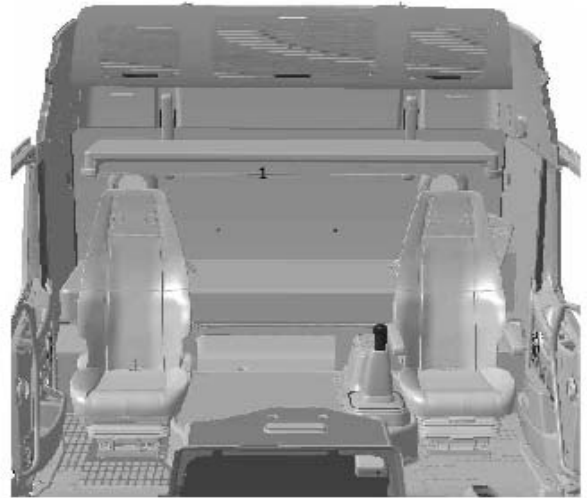
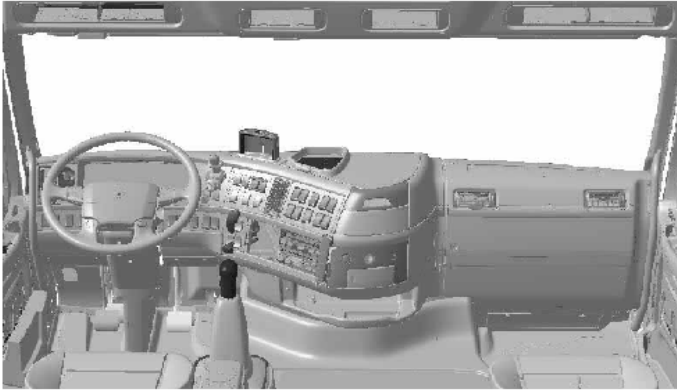
	A	B	C	D	E	F	G	H	I	
Airbag Row										1; 2; 3
Airbag side										2 = Driver side; 3 = Passenger side; 4 = Middle;
Airbag type										* See below
Airbag deployment										2 = Deployed; 3 = Deployed but blocked; 4 = Not deployed; 9999 = Unknown
Airbag damaged										0 = No; 1 = Yes;
Airbag removed post-crash										9999 = Unknown
Airbag disconnected										0 = No; 1 = Yes; 7777 = Not Applicable; 9999 = Unknown
Number of chambers (if side airbag)										1;2;3; 7777 = Not Applicable; 9999 = Unknown

**\*Airbag Type**

2 = Steering wheel	12 = Seat-back thorax
3 = Facia	13 = Seat-back head & thorax
4 = Knee	14 = Seat-back thorax & pelvis
5 = Footwell	15 = Seat-back head & thorax & pelvis
6 = Back of seat in front	16 = Seat-back NFS
7 = Door thorax	17 = Inflatable tube for this seat
8 = Door head & thorax	18 = Inflatable tube for this seat and position behind
9 = Door thorax & pelvis	19 = Inflatable curtain for this seat
10 = Door head & thorax & pelvis	20 = Inflatable curtain for this seat and position behind
11 = Door NFS	21 = Cant rail NFS
	22 = Door mounted inflatable curtain (e.g. Volvo c70)



**Interior Observations**



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