

# Truck inspection protocoll

Case no:

Vehicle no:

Vehicle reg. no:

General Information  
CDC and deformation  
Frontal collisions  
Rear collisions

Doors and Glazing  
Wheels  
Airbags  
Interior variables  
Seating  
Interior observations  
Active systems  
Cargo and trailer

För att få plats med alla  
variabler på ett snyggt sätt har  
jag inte skrivit ut  
**U**=Unknown,  
- = Not applicable  
**OT** = other

## General Information

Vin number

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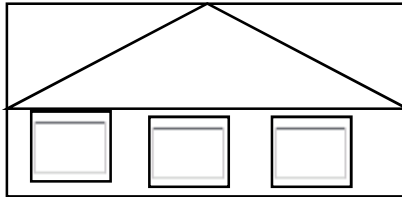
Country of registration

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SE=Sweden DK=Denmark NO=Norway  
FI=Finland DE=Germany GB=Great Britain  
NL=Netherlands PL=Poland RU=Russia  
EE=Estonia LV=Latvia LT=Lithuania OT=other

Number of occupants

Occupied seats



1=No  
2=Yes

Source of locating the vehicle

1=Driver 2=Passenger 3=Owner if not occupant  
4=Police 5=Towing service 6=Workshop/car breaker  
7=sos

Distance to inspection site

---

 km

Inspection date

---

Inspection duration

---

 Start 

---

 stop 

---

Investigators

---

Make

---

Model

---

Year and month of  
manufacture

---

Model Year

---

Colour according reg.

---

Number of side doors

Gearbox type

1=Manual 2=Automatic 3=Automatic with manual shift mode 4=other, specify in comments

Dive of vehicle

1=Left 2=Right

Hybrid Vehicle

1=No 2=Yes

Engine Power  kW

Fuel Type

1=petrol or etanol 2=Diesel/RME 3=Electricity

Alternative Fuel Type

1=petrol or etanol 2=Diesel/RME 3=Electricity

Truck Type

1=Cab over engine, COE 2=Conventional

Cab Type

1=L1H1(Day Cab) 2=L2H1(std sleeper 1 bunk) 3=L2H2(sleeper 2 bunks) 4=L2H3(sleeper 2 bunks standing height)

Combination Type

1=Tractor only 2=Tractor with semitrailer 3=tractor with semitrailer and centre axle trailer 4=Tractor with b-double 5= tractor with other combination 6=Truck only 7=Truck with centre axle trailer 8= Truck with drawbar trailer 9=Truck with dolly and semitrailer

Superstructure type

1=Flatbed 2=Van body 3=Canvas cover 4=Tipper 5=Concrete mixer 6=Timber 7=Tanker 8=Fifth Wheel 9=chassis only 10=waste body 11=Dump

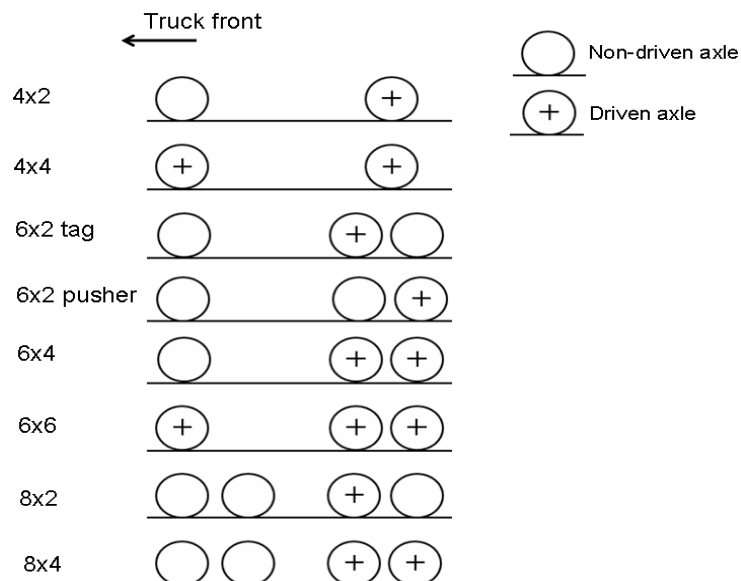
Stering on any rear axle

1=No 2=Yes

Traileing axle position

1=down 2= upp

Axle arrangement



## Geometry

Truck Length \_\_\_\_\_ mm  
 Vehicle width \_\_\_\_\_ mm  
 Total combination length \_\_\_\_\_ mm

Front steel bumper ☐ 1=No 2=Yes

Steel bumper height \_\_\_\_\_ mm

Front underrun protection ☐ 1=No 2=Yes

Front underrun protection  
height \_\_\_\_\_ mm

Cab floor height \_\_\_\_\_ mm

chassis frame to ground

clearance \_\_\_\_\_ mm

Platform height \_\_\_\_\_ mm

Side underrun protection ☐ 1=No 2=Yes

Side underrun protection  
height \_\_\_\_\_

Rear underrun protection ☐ 1=No 2=Yes

Rear underrun protection  
height \_\_\_\_\_

## Kerb Weight

Gross combination weight \_\_\_\_\_

Weight at accident, total  
combination \_\_\_\_\_

Vertical center of gravity (truck) ☐ 1=High, >1,8 m above ground 2=Medium, 1,5-1,8 m above ground 3=Low, <1,5 m above ground

Longitudinal center of gravity (truck) ☐ 1=Front 2=Center 3=Rear

load distribution combination before accident ☐ 1=Even 2=Uneven 3=Unloaded 4=Movable load

Signs of load displacement ☐ 1=No 2=Yes

Dangerous goods ☐ 1=No 2=Yes

## Deformations

Number of crash events						
TDC	1 & 2	3	4 & 5	6	7	8
Impact 1	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
Impact 2	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
Impact 3	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
Impact 4	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>

Left A-pillar deformation

Left B-pillar deformation

Left C-pillar deformation

Right A-pillar deformation

Right B-pillar deformation

Right C-pillar deformation

of Deformation above Seat

1,1

1,2

1,3

Rear Cab wall Deformed

Cab Dislocated

Damage to steering system

Front axle displacement

Frame damage

Brakes damaged

Trailer connection damaged

Underrun protection damaged

Front

Side

Rear

1=None 2=Minor deformation (0-2 cm) 3=Moderate deformation (3-10 cm) 4=Major deformation (>10 cm) 5=Rupture

1=None 2=Minor deformation (0-2 cm) 3=Moderate deformation (3-10 cm) 4=Major deformation (>10 cm) 5=Rupture

1=None 2=Minor deformation (0-2 cm) 3=Moderate deformation (3-10 cm) 4=Major deformation (>10 cm) 5=Rupture

1=None 2=Minor deformation (0-2 cm) 3=Moderate deformation (3-10 cm) 4=Major deformation (>10 cm) 5=Rupture

1=No 2=Yes

1=No 2=Dislocated rearwards 3=Dislocated to the left 4=Dislocated to the right 5=Turned over forward 6=Completely separated 7=Dislocated forward

1=No 2=Yes

1=No 2=Yes

1=No 2=Yes

1=No 2=Yes

1=No 2=Yes

1=No 2=Yes

1=No 2=Yes

1=No 2=Yes

1=No 2=Yes

1 & 2	00 01 02 03 04 05 06 07 08 09 10 11 12 Unknown	CDC. Column 1&2 = Direction of force (Force direction in clock system according to SAE J224) See picture. (00 for rollover and other non-horizontal forces)
3	F L R B T U S Unknown	CDC Column 3 - Area of deformation (Projected area of initial contact according to SAE J224) See picture
4 & 5	L R C Z Y P B D Unknown	<p>CDC column 4 (&amp;5)- Longitudinal or lateral area (Impact area, for side deformations use longitudinal areas, for front deformation use lateral according to SAE J224) See picture</p> <p>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</p> <p>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</p>
6	H G L M W A E T Unknown	<p>CDC column 6- Vertical or lateral area (Impact area, for front, side and rear deformations use vertical areas, for roof or underbody deformation use lateral area according to SAE J224) See picture</p> <p>A = All  L = below upper edge of frame rail  M = above upper edge of frame rail to lower edge of windscreen  G = above lower edge of windscreen to top of cab roof  T = above cab roof  E = everything below lower edge of windscreen  H = above upper edge of frame rail top of cab roof  W = wheels and tyres only</p>
7	O N E W S J B Unknown	<p>CDC column 7 - Type of damage distribution (Coding of wide or narrow impact area, sideswipe, rollover, etc. according to SAE J224)</p> <p>O = Rollover  N = Narrow &lt;41 cm not including a corner  E = Narrow &lt;41 cm including a corner  W = Wide &gt;41 cm  S = Side or end swipe (10 cm or less)  J = Jack-knife  B = Overrun</p>
8	1 2 3 4 5 6 7 8 9 Unknown	CDC column 8 - Crush extent (Crush depth zone according to SAE J224) See picture



## Fire battery and leakage

Fire	<input style="width: 100%;" type="text"/>	1=No 2=Yes
Fire start location	<input style="width: 100%;" type="text"/>	1=Engine and engine compartment 2=Cab 3=Load carrier on truck 4=Under vehicle 5=Trailer 6=outside source
Marks from extrication, tow away tec.	<input style="width: 100%;" type="text"/>	1=No 2=Yes
Battery damage	<input style="width: 100%;" type="text"/>	1=None 2=Minor Damage 3=Moderat damage 4=Major Damage
Battery attachment	<input style="width: 100%;" type="text"/>	1=Attached 2=Lose
Fuel tank damage	<input style="width: 100%;" type="text"/>	1=Intact 2=Damaged without holes 3=Damaged with holes
Fuel pipe damage	<input style="width: 100%;" type="text"/>	4=Proven leakage
<b>Leakage of</b>		
Liquid Fuel	<input style="width: 100%;" type="text"/>	1=No 2=Yes
Gas Fuel	<input style="width: 100%;" type="text"/>	1=No 2=Yes
Engine oil	<input style="width: 100%;" type="text"/>	1=No 2=Yes
Gearbox oil	<input style="width: 100%;" type="text"/>	1=No 2=Yes
Power steering Oil	<input style="width: 100%;" type="text"/>	1=No 2=Yes
Washer fluid	<input style="width: 100%;" type="text"/>	1=No 2=Yes
cooling liquid	<input style="width: 100%;" type="text"/>	1=No 2=Yes
Acid	<input style="width: 100%;" type="text"/>	1=No 2=Yes
break fluid	<input style="width: 100%;" type="text"/>	1=No 2=Yes
other	<input style="width: 100%;" type="text"/>	1=No 2=Yes
 <b>Fuel tank Placing</b>		
Right	<input style="width: 100%;" type="text"/>	1=No 2=Yes
Left	<input style="width: 100%;" type="text"/>	1=No 2=Yes



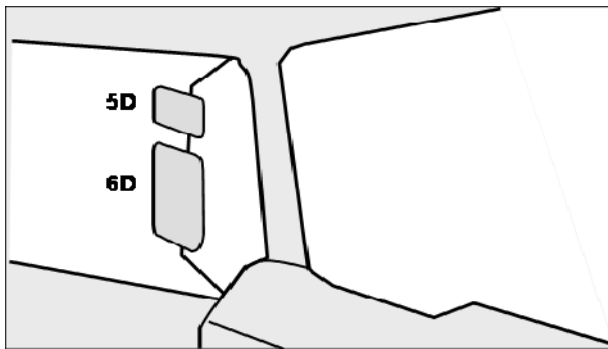
## Doors, windows and interior observations

Door Function - left	<input style="width: 100%;" type="text"/>	1=Openable 2=Openable only from outside 3=Openable only from inside 4=Unopenable 5=Door
Door Function - Right	<input style="width: 100%;" type="text"/>	opened in crash 6=door opened by rescue service using tools
Door opening longitudinal deformation - left	<input style="width: 100%;" type="text"/>	1=None 2=Minor (0-2 cm) 3=Moderate (3-10 cm)
Door opening longitudinal deformation - Right	<input style="width: 100%;" type="text"/>	4=Major (>10 cm)
Sill Longitudinal deformation - left	<input style="width: 100%;" type="text"/>	1=None 2=Minor (0-2 cm) 3=Moderate (3-10 cm)
Sill Longitudinal deformation -Right	<input style="width: 100%;" type="text"/>	4=Major (>10 cm)
Side window damaged - left	<input style="width: 100%;" type="text"/>	1=No 2=Yes, broken not holed 3=Yes, holed and/or
Side window damaged - Right	<input style="width: 100%;" type="text"/>	partly separated 4=Yes, completely separated/crushed
Side window Laminated - left	<input style="width: 100%;" type="text"/>	1=No 2=Yes
Side window Laminated - Right	<input style="width: 100%;" type="text"/>	
Roof Hatch	<input style="width: 100%;" type="text"/>	1=No 2=Yes
Roof Hatch condition	<input style="width: 100%;" type="text"/>	1=No 2=Yes, Not broken if Glass 3=yes, holed, and/or partly separated and/or opened 4=yes, completely crushed/separated 5= opened sunroof
Windscreen damaged	<input style="width: 100%;" type="text"/>	1=No 2=Yes, broken not holed 3=Yes, holed and/or partly separated 4=Yes, completely separated/crushed
Bonded windscreen	<input style="width: 100%;" type="text"/>	1=No 2=Yes
Steering wheel out of position	<input style="width: 100%;" type="text"/>	1=No 2=Yes
Steering wheel deformation	<input style="width: 100%;" type="text"/>	1=No 2=Yes
Dashpanel intrusion left side	<input style="width: 100%;" type="text"/>	1=None 2=Minor (0-5 cm) 3=Moderate (5-15 cm)
Dashpanel intrusion right side	<input style="width: 100%;" type="text"/>	4=Major (>15 cm)
Foot well deformation - left side	<input style="width: 100%;" type="text"/>	1=None 2=Minor (0-5 cm) 3=Moderate (5-15 cm)
Foot well deformation - right side	<input style="width: 100%;" type="text"/>	4=Major (>15 cm)
Inner accessories (if yes specify)	<input style="width: 100%;" type="text"/>	1=No 2=Yes
Bed restraint	<input style="width: 100%;" type="text"/>	1= Yes in use 2= no bed restraint in use
Cargo in passenger compartment	<input style="width: 100%;" type="text"/>	1=No 2=0-25 kg 3=26-50 kg 4=51-100 kg 5= more than 100

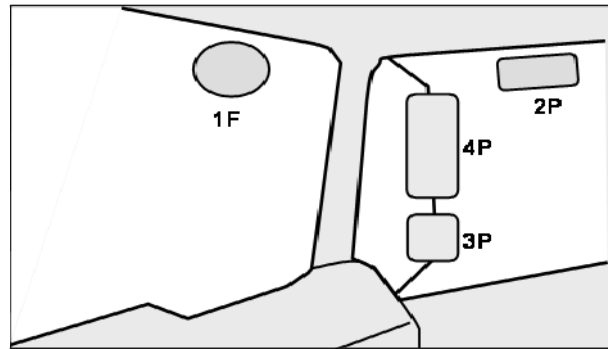
## Seating

Seat position	1,1	1,2	1,3	
Seat belt code				EX. Ar4mpE
Seat belt type	<input type="text"/>	<input type="text"/>	<input type="text"/>	0=No belt 2=Twopoint belt 3=Threepoint belt 4=Fourpoint belt 5=fivepointbelt
Upper belt attachment	<input type="text"/>	<input type="text"/>	<input type="text"/>	1=Pillar 2=Seatback 3=Cross-car beam 4=Roof
Attachment type	<input type="text"/>	<input type="text"/>	<input type="text"/>	1=Fixed 2=automatically adjustable 3=manually adjustable
Safety belt usage	<input type="text"/>	<input type="text"/>	<input type="text"/>	1=No signs 2=Signs of usage 3=signs of not used
Belt malfunction	<input type="text"/>	<input type="text"/>	<input type="text"/>	1=No 2=Yes (if yes specify)
Pretensioner Activated	<input type="text"/>	<input type="text"/>	<input type="text"/>	1=No 2=Yes
Friction marks, webbing	<input type="text"/>	<input type="text"/>	<input type="text"/>	1=No 2=Yes
Movement through buckle	<input type="text"/>	<input type="text"/>	<input type="text"/>	1= No 2=Upwards 3=Downwards 4=Both
Belt Jammed	<input type="text"/>	<input type="text"/>	<input type="text"/>	1=No 2=D-ring 3=Buckle 4=Both
Neck restraint	<input type="text"/>	<input type="text"/>	<input type="text"/>	1=No 2=Yes adjustable 3=Yes fixed
Neck restraint position (if adjustable)	<input type="text"/>	<input type="text"/>	<input type="text"/>	1=Top 2=Middle 3=Bottom
whiplash protection	<input type="text"/>	<input type="text"/>	<input type="text"/>	1=No 2=Yes
Whips measurement	<input type="text"/>	<input type="text"/>	<input type="text"/>	cm
Seat position	<input type="text"/>	<input type="text"/>	<input type="text"/>	1=Front(near end position 2=Middle 3=Rear(near end position)
Backrest position	<input type="text"/>	<input type="text"/>	<input type="text"/>	1=Upright 2=Middle 3=Backward
Electric seat adjustment	<input type="text"/>	<input type="text"/>	<input type="text"/>	1=No 2=longitudinal and backrest 3=only longitudinal 4=only backrest
Seat covers	<input type="text"/>	<input type="text"/>	<input type="text"/>	1=Fabric 2=Leather or leather like 3=Both
Additional seat covers	<input type="text"/>	<input type="text"/>	<input type="text"/>	1=No seat cover 2=seat/back cover 3=cushion 4=kulsits 5=blanket 6=pad 7=Other
Backrest deformation	<input type="text"/>	<input type="text"/>	<input type="text"/>	1=No 2=Deformed by occupant 3=Deformed by other occupant 4=Deformed by cargo 5=Deformed by vehicle structure 6=Deformed by unknown object
Seat separated from floor	<input type="text"/>	<input type="text"/>	<input type="text"/>	1=No 2=Yes

**Driver side**



**Passenger side**



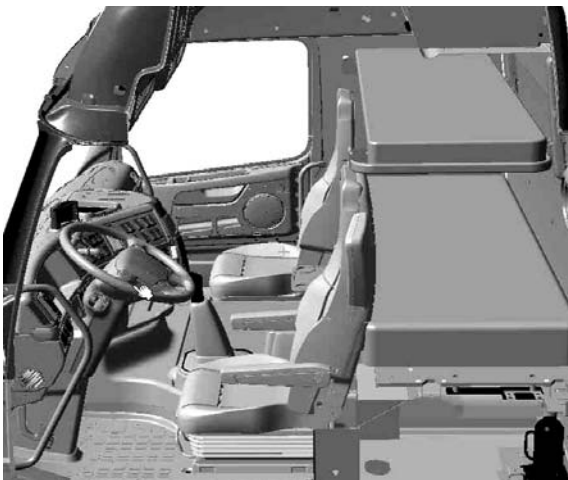
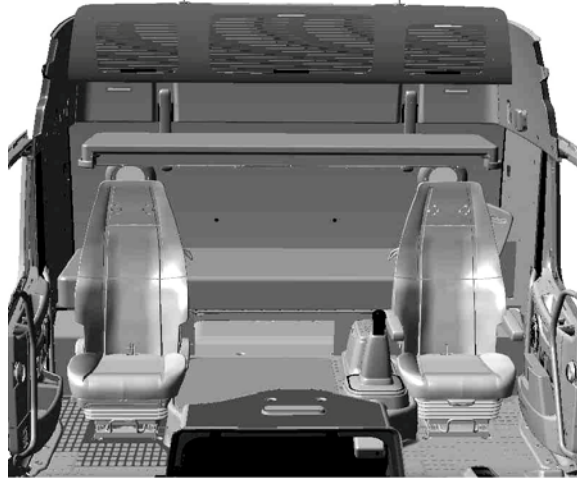
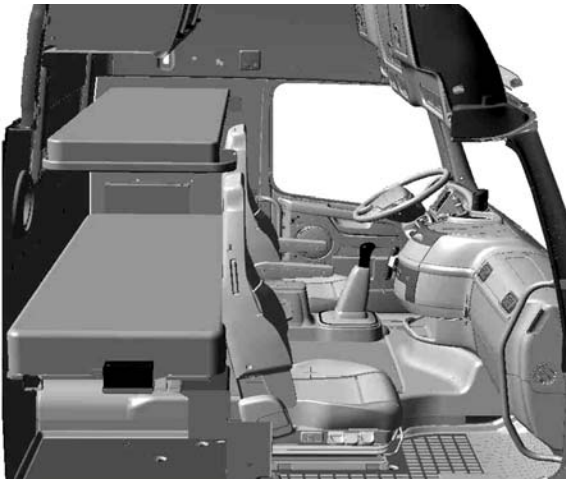
5D Wide angle driver side ☐ 1=No 2=Yes  
6D Main mirror driver side ☐ 1=No 2=Yes

1F Front - close up mirror ☐ 1=No 2=Yes  
2P passengerside close up mirror ☐ 1=No 2=Yes

3P Passengerside wide angle mirror ☐ 1=No 2=Yes  
4P Passengerside main mirror ☐ 1=No 2=Yes



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



1	
2	
3	
4	
5	
6	
7	
8	



# Airbags

No

☐

Yes

☐

1=Steering wheel

2=Facia

3=Knee

4=Footwell

5=Back of seat in front

6=Door thorax

7=Door head & thorax

8=Door thorax & pelvis

9=Door head & thorax & pelvis

10=Door NFS

11=Seat-back thorax

12=Seat-back head & thorax

13=Seat-back thorax & pelvis

14=Seat-back head & thorax & pelvis

15=Seat-back NFS

20=Inflatable tube for this seat

21=Inflatable tube for this seat and position behind

22=Inflatable curtain for this seat

23=Inflatable curtain for this seat and position behind

24=Cant rail NFS

25=Door mounted inflatable curtain (e.g. Volvo c70)

	A	B	C	D	E	F	G	H
Airbag type								
Seat position								
Airbag deployment								
Airbag damaged								
Airbag removed post-crash								
Airbag turned of								
Number of chambers (if side airbag)								

1=Not deployed  
2=Deployed  
3=Deployed but

1=No 2=Yes

1=No 2=Yes

1=No 2=Yes

## Support and safety systems

Impairment warning	<input type="text"/>	1=No 2= yes, Not in use 3=Yes, in Use 4= yes unknown if
alcolock	<input type="text"/>	1=No 2= yes, Not in use 3=Yes, in Use 4= yes unknown if
Lane dapature warning	<input type="text"/>	1=No 2= yes, Not in use 3=Yes, in Use 4= yes unknown if

forward collision warning	<input type="text"/>	1=No 2= yes, Not in use 3=Yes, in Use 4= yes unknown if
cruise control	<input type="text"/>	<b>1=No 2=Non-adaptive, in use 3=Non-adaptive, not in use</b> <b>4=Non-adaptive, unknown if in use 5=Adaptive, in use</b> <b>6=Adaptive, not in use 7=Adaptive, unknown if in use</b> <b>8=Unknown type, in use 9=Unknown type, not in use</b> <b>10=Unknown type, unknown if in use</b>

blind spot indicator	<input type="text"/>	1=No 2= yes, Not in use 3=Yes, in Use 4= yes unknown if
back up alarm	<input type="text"/>	1=No 2= yes, Not in use 3=Yes, in Use 4= yes unknown if

xenon lights	<input type="text"/>	1=No 2=Yes, low beam only 3=Yes,high beam only
active headlamps	<input type="text"/>	1=No 2= yes, Not in use 3=Yes, in Use 4= yes unknown if

reversing lamps	<input type="text"/>	1=No 2= yes, Not in use 3=Yes, in Use 4= yes unknown if
side camera	<input type="text"/>	1=No 2= yes, Not in use 3=Yes, in Use 4= yes unknown if
rear camera	<input type="text"/>	1=No 2= yes, Not in use 3=Yes, in Use 4= yes unknown if

Electronic stability control	<input type="text"/>	1=No 2= yes, Not in use 3=Yes, in Use 4= yes unknown if
Traction control	<input type="text"/>	1=No 2= yes, Not in use 3=Yes, in Use 4= yes unknown if
Brake system Truck	<input type="text"/>	1= No ABS/EBS 2=ABS 3=EBS 4=Other

Brake system Trailer 1	<input type="text"/>	
Brake system Trailer 2	<input type="text"/>	
Brake system Trailer 3	<input type="text"/>	1= No ABS/EBS 2=ABS 3=EBS 4=Other
Brake system Trailer 4	<input type="text"/>	

active brake lights	<input type="text"/>	1=No 2=Yes
automatic emergency brakes	<input type="text"/>	1=No 2=Yes

## Trailer

Trailer Id		
Chassis frame ground clearance on trailer [mm]		
Platform height trailer [mm]		
Load distribution trailer before accident		1=Even 2=Uneven 3=Unloaded 4=Movable load
Longitudinal centre of gravity – trailer		1=Front 2=Center 3=Rear
Number of axles on trailer		
Steerable trailer or semitrailer		1=No 2=Yes
Superstructure on trailer		1=Flatbed 2=Van body 3=Canvas cover 4=Tipper 5=Concrete mixer 6=Timber 7=Tanker 8=Fifth Wheel 9=chassis only 10=waste body 11=Dump
Trailer brake system		1= No ABS/EBS 2=ABS 3=EBS 4=Other
Trailer brakes damaged		1=No 2=Yes
Trailer connection damaged		1=No 2=Yes
Trailer length [mm]		
Vertical centre of gravity – trailer		1=High, >1,8 m above ground 2=Medium, 1,5-1,8 m above ground 3=Low, <1,5 m above ground



