### Vehicle inspection protocoll

Case no:

Vehicle	no:		

Vehicle reg. no:

Location

Investigators

Occupied seats number of passengers

Pre inspection 2 General Information 3 CDC and deformation measurements 4 Frontal collisions 6 Rear collisions 8 Rollover 9 Side impact measurements 10 Exterior variables 11 Doors and Glazing 12 Wheels 13 Airbags 14 Interior variables 14 Seating 15 Interior observations 18 Active systems 19 Cargo and trailer 19

> General for all variables are: 9999=Unknown 8888=Other 7777=Not applicable

General		
Inspection completed		0=no, 1=Yes
Inspection date		
Inspection duration	Start time:	finished: Duration:
Source of information		1=Driver 2=Passenger 3=Owner if not occupant
locating vehicle		4=Police 5= I owing service b=vvorksnop/car breaker 7=sos
Distance to inspection site		Km
Regristration number		
Vin Number	1	
Country of registration		SE=Sweden <b>DK</b> =Denmark <b>NO</b> =Norway <b>FI</b> =Finland <b>DE</b> =Germany <b>GB</b> =Great Britain <b>NL</b> =Netherlands <b>PL</b> =Poland <b>RU</b> =Russia <b>EE</b> =Estonia <b>LV</b> =Latvia <b>LT</b> =Lithuania
Make	Τ	
Model		
Vear and month of		
manufacture		
Model Year	1	
Colur according reg.		
Euro NCAP rating		1,2,3,4,5,U, Not rated
Special use car		1=No 2=Police 3=fire brigade 4=Ambulance
		5=Military 6=learners car /=rental car σ=taxi 9=other_specify in comments
Number of side doors	+	
Body style		1=Sedan 2=Hatchback/wagon 3=Sports 4=Convertible 5=Derivative 6=Off-road/SUV 7=MPV/Minibus 8=Pick-up 9=Skåpbil
lf convertible		
Soft/hard top	Τ	1=hard, 2=soft, 3=retractable hardtop, 4=no roof
Soft/hard top up/down		1=up, 2=down

### General...

Engine power	kW
Hybrid vehicle	1=No 2=Yes
Gearbox type	1=Manual 2=Automatic 3=Automatic with manual shift mode 4=other, specify in comments
Fuel type	1=petrol or etanol 2=Diesel/RME 3=Electricity 4=Natural/biogas
Altenative Fuel	1=petrol or etanol 2=Diesel/RME 3=Electricity 4=Natural/biogas
Driven wheels	1=front 2=rear 3=four wheel drive
Drive of vehicle	1=Left 2=Right
Vehicle type	1=car (≤9 occupants) 2=light truck (<3500 kg)
Car length	mm
Vehicle width	mm
Axel distance	mm
	I.
Kerb weight	kg
Cargo	
Cargo in passenger	1=No 2=0-25 3=26-50 4= 51-100 5=more than 100
	6= yes but unknown weight
	1-110 2-yes
Cargo in luggage	1=No 2=0-25 3=26-50 4= 51-100 5=more than 100
Anchored	1=no 2=yes
Cargo on roof	1=No 2=0-25 3=26-50 4= 51-100 5=more than 100 6= yes but unknown weight

Modifications	1=No 2=Yes
If yes, what modifications?	

# **CDC and Deformation measurments**





# Frontal collisions

	Imp	act	no	
LEFT	1	2	3	
Front wheel into sill		1	1	7
Deformation Left side				2=None 3= minor (wheel dislocated 0-2 cm) 4=Small (wheel dislocated 3 cm-sill contact) 5=Moderate (sill deformed longitudinally up to 10 cm ) 6=Major (sill deformed longitudinally more than 10 cm)
Upper longitudinal and/or struttov	ver			-
Longitudinal deformation Left side				2=None 3=minor (0-2cm) 4=small (3-10cm) 5=Moderat (11-20cm) 6=Major (>20cm)
Hit, Left side				2=no deformation force 3=direct hit 4=indirect force
Deformation mode left side				2=not deformed 3=Bending 4=crumpling 5=both
Front longitudinal				
Deformation Left side				2=None 3=minor (0-2cm) 4=small (3-10cm) 5=Moderat
Hit, Left side				2=no deformation force 3=direct hit 4=indirect force
Deformation mode left side				2=not deformed 3=Bending 4=crumpling 5=both
Powertrain				
Dislocation				2=None 3=minor (0-2cm) 4=Moderat (3cm-contact with wall) 3=Deformation of wall resulting in major intrusion
Hit				2=no deformation force 3=direct hit 4=indirect force
<b>Right</b> Front wheel into sill				
Deformation <b>Right</b> side				2=None 3= minor (wheel dislocated 0-2 cm) 4=Small (wheel dislocated 3 cm-sill contact) 5=Moderate (sill deformed longitudinally up to 10 cm ) 6=Major (sill deformed longitudinally more than 10 cm)
Upper longitudinal and/or struttov	ver			_
Longitudinal deformation Right side				2=None 3=minor (0-2cm) 4=small (3-10cm) 5=Moderat (11-20cm) 6=Major (>20cm)
Hit, Right side				2=no deformation force 3=direct hit 4=indirect force
Deformation mode Right side				2=not deformed 3=Bending 4=crumpling 5=both
Front longitudinal				
Deformation Right side				2=None 3=minor (0-2cm) 4=small (3-10cm) 5=Moderat (11-30cm) 6=Major (>30cm)
Hit, Right side				2=no deformation force 3=direct hit 4=indirect force
Deformation mode Right side				2=not deformed 3=Bending 4=crumpling 5=both

# Frontal collisions (Continued)



# Rear collisions

		act i	no	
LEFT	1	2	3	
Rear wheel into sill				2=None 3=minor (0-2cm) 4=small (3cm-sill contact) 5=Moderat (sill deformed up to 10 cm) 6=Major (>more than 10cm sill deformation)
Longitudinal			, ,	
Deformation Left side				2=None 3=minor (0-2cm) 4=small (3-10cm) 5=Moderat (11-30cm) 6=Major (>30cm)
Hit, Left side				2=no deformation force 3=direct hit 4=indirect force
Deformation mode left side				2=not deformed 3=Bending 4=crumpling 5=both
Rear axle, longitudinal dislocation				2=None 3= minor ( 0-2 cm) 4=Moderate (3-10cm) 5=Major (> 10 cm)
RIGHT				
Rear wheel into sill				2=None 3=minor (0-2cm) 4=small (3cm-sill contact) 5=Moderat (sill deformed up to 10 cm) 6=Major (>more than 10cm sill deformation)
Longitudinal			I	
Deformation Left side				2=None 3=minor (0-2cm) 4=small (3-10cm) 5=Moderat (11-30cm) 6=Major (>30cm)
Hit, Left side				1=no hit 2=direct hit 3=indirect hit
Deformation mode left side				1=Bending 2=crumpling 3=both
Rear axle, longitudinal dislocation				1=None or minor (0-2 cm) 2=Moderate (3-10 cm) 3=Major (>10 cm)
Rear bumper beam height (undamaged ground to centre)			mm	
Right real Right longitu Rear Left r	ar wh rear udina axle rear udina	eel I		



# Rollover





# Exterior

Towing hook presence Towing hook condition	2=No towing hook 3=No hook present 4= Hook present 2=Intact 3=Damaged
Hood openable Boot lid openable	2=Openable 3=Unopenable 4=opened in crash
Engine orientation Engine placing	2=Transverse, 3=Longitudinal 2=Front 3=Rear or Middle
Battery placing, <b>electric</b> engine	2=Front (>80% in front of front axle) 3=Over front axle(1-79% in front of front axle) 4=Middle (100% between axles) 5=Over rear axle (1-79% behind rear axle) 6=Rear (>80% behind rear axle)
Fire Fire start location	0=No 1=Yes 2=Engine and engine compartment 3=Luggage compartment 4=Occupant compartment incl dashpanel 5=Outside source 6=Under vehicle
Marks from extrication, tow- away, etc	0=No 1=Yes
Battery damage Battery attatchment	2=None 3=Minor visible damage 4=Moderate visible damage 5=Major 2=Attached 3=Loose
Fueltanks Fuelfiller pipes and caps Fuel pipes	2=Intact 3=Damaged without holes 4=Damaged with hole
Leakage Liquid fuel Gas fuel Engine oil gearbox oil Power steering oil	Windscreen   Cooling lquid   Acid   O=No 1=yes   brake fluid

# **Doors and Glazing**



### Wheels



Interior Gene	eral										
Steering wheel out of	positi	on				1=Nc	) 2=Ye	es			
Steering wheel deforr	Steering wheel deformation				1=No 3=Deformed by occupant 3=Deformed by other 4=Yes deformed but unknow source						
longitudinal deforma	ation										
Left side dashpanel intrusion Right side dashpanel intrusion Left frontal footwell Right frontal footwell				2=None or minor (0-5 cm) 3=Moderate (6-15 cm) 4=Major (>15 cm) 2=None 3=minor 4=Moderate 5=major							
Other inner accessori	ies/Inf	otair	nmen	t		0=Nc	) 1=Y€	es, co	mmei	nt	
Cargo net				ľ		2=No	net ir	า use	2=Ye	es in ı	use
Airbags						10-C		'- <b>4</b> b			
2=Steering wneei 3=Facia						12=5 13=S	eat-ba eat-ba	ack tri ack he	orax ead &	thora	ах
4=Knee						14=S	eat-ba	ack th		& pelv	vis
6=Back of seat in front						15-0 16=S	eat-ba	ack N	Bau u FS	ιΊΙΟιο	ax & peivis
7=Door thorax						17=In 18=Ir	ıflatab <sup>oflat</sup> at	ole tub	be for	this s	eat and position behind
9=Door thorax & pelvis						19=lr	iflatab	le cu	rtain f	for this	s seat
10=Door head & thorax &	pelvis					20=ln 21=0	iflatab		rtain f s	for this	s seat and position behind
						22=D	oor m	ounte	ed infl	latable	e curtain (e.g. Volvo c70)
	Α	В	С	D	Е	F	G	Н		J	
Airbag Row					$\Box'$						1
Airbag side				$\square$	$\Box'$						1=left 2=middle 3= right
Airbag type				<b>_</b>							
Airbag deployment											2=Deployed 3=Deployed but
Airbag damaged											0=No 1=Yes
Airbag removed post	<b></b>		<b></b> !	<b></b>							0=No 1=Yes
Airbag turned of				i T							0=No 1=Yes
Number of chambers											

#### Seating 1.1 1.2 1.3 Seat position Seating direction 2= Forward facing 3= Rearward facing 4= Lateral Longitudinal seat 2=Front(near end position 3=Middle 4=Rear(near end position) position Seat separated from floor 0=No 1=Yes 2=Fabric 3=Leather 4= synthetic leather like material Seat covers 5=Both leather and fabric Additional seat covers 0=No 1=Yes 0=No 3=Yes, longitudinal and backrest 4=Yes, Only Electric seat adjustment 2=Upright 3=Middle 4=Leaning back Backrest position 2= Not deformed 3=Deformed by occupant Backrest deformation Neck restraint 0=No 3=Yes adjustible 4=Yes fixed Neck restraint position (if 2=lower, 3=Middle, 4=Upper 0=No 1=Yes whiplash protection Whips measurement mm Seat belt code EX. Ar4mpE 0=No belt 2=Twopoint belt 3=Threepoint belt Seat belt type Signs of seat belt 2=No signs 3=Signs of usage 4=signs of not used usage Upper belt attachment 2=Pillar 3=Seatback 4=Cross-car beam 5=Roof 0=No 1=Yes (Specify) Belt malfunction Upper attachment 2=Fixed 3=automatically adjustible 4=manually adjustible type 0=No 1=Yes Friction marks, webbing 2=No Movement 3=Yes, Upwards 4=Yes Movement through buckle ,Downwards 5=Yes, Both 6=Yes, unknown direction Pretensioner Activated 0=No 1=Yes 0=No 3=Yes, D-ring 4=Yes, Buckle 5=Yes, Both Belt Jammed Load limiter 0=No 1=Yes

#### Seating 2.1 2.2 2.3 Seat position Seating direction 2= Forward facing 3= Rearward facing 4= Lateral Longitudinal seat 2=Front(near end position 3=Middle 4=Rear(near end position) position Seat separated from floor 0=No 1=Yes 2=Fabric 3=Leather 4= synthetic leather like material Seat covers 5=Both leather and fabric Additional seat covers 0=No 1=Yes 0=No 3=Yes, longitudinal and backrest 4=Yes, Only Electric seat adjustment 2=Upright 3=Middle 4=Leaning back Backrest position 2= Not deformed 3=Deformed by occupant Backrest deformation Neck restraint 0=No 3=Yes adjustible 4=Yes fixed Neck restraint position (if 2=lower, 3=Middle, 4=Upper 0=No 1=Yes whiplash protection Whips measurement mm Seat belt code EX. Ar4mpE 0=No belt 2=Twopoint belt 3=Threepoint belt Seat belt type Signs of seat belt 2=No signs 3=Signs of usage 4=signs of not used usage Upper belt attachment 2=Pillar 3=Seatback 4=Cross-car beam 5=Roof 0=No 1=Yes (Specify) Belt malfunction Upper attachment 2=Fixed 3=automatically adjustible 4=manually adjustible type 0=No 1=Yes Friction marks, webbing 2=No Movement 3=Yes, Upwards 4=Yes Movement through buckle ,Downwards 5=Yes, Both 6=Yes, unknown direction Pretensioner Activated 0=No 1=Yes 0=No 3=Yes, D-ring 4=Yes, Buckle 5=Yes, Both Belt Jammed Load limiter 0=No 1=Yes

#### Seating 3.1 3.2 3.3 Seat position Seating direction 2= Forward facing 3= Rearward facing 4= Lateral Longitudinal seat 2=Front(near end position 3=Middle 4=Rear(near end position) position Seat separated from floor 0=No 1=Yes 2=Fabric 3=Leather 4= synthetic leather like material Seat covers 5=Both leather and fabric Additional seat covers 0=No 1=Yes 0=No 3=Yes, longitudinal and backrest 4=Yes, Only Electric seat adjustment 2=Upright 3=Middle 4=Leaning back Backrest position 2= Not deformed 3=Deformed by occupant Backrest deformation Neck restraint 0=No 3=Yes adjustible 4=Yes fixed Neck restraint position (if 2=lower, 3=Middle, 4=Upper 0=No 1=Yes whiplash protection Whips measurement mm Seat belt code EX. Ar4mpE 0=No belt 2=Twopoint belt 3=Threepoint belt Seat belt type Signs of seat belt 2=No signs 3=Signs of usage 4=signs of not used usage Upper belt attachment 2=Pillar 3=Seatback 4=Cross-car beam 5=Roof 0=No 1=Yes (Specify) Belt malfunction 2=Fixed 3=automatically adjustible 4=manually Upper attachment adjustible type 0=No 1=Yes Friction marks, webbing 2=No Movement 3=Yes, Upwards 4=Yes Movement through buckle ,Downwards 5=Yes, Both 6=Yes, unknown direction Pretensioner Activated 0=No 1=Yes 0=No 3=Yes, D-ring 4=Yes, Buckle 5=Yes, Both Belt Jammed Load limiter 0=No 1=Yes





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

1	
2	
3	
4	
5	
6	
7	
8	

#### Safety systems

	· · · · · · · · · · · · · · · · · · ·
imparment warning system	
Alcolock	0=no 3=Yes not in use 4= Yes in use
Lane departure warning	
Forward collision warning	
Rearward collision warning	
<b>3</b>	
Cruise control	<b>0</b> =No <b>3</b> =Non-adaptive, not in use <b>4</b> =Non-adaptive, in use <b>5</b> =Non-adaptive, unknown if in use <b>6</b> =Adaptive, not in use <b>7</b> =Adaptive, in use <b>8</b> =Adaptive, unknown if in use <b>9</b> =stop and go, in use <b>10</b> =stop and go, not in use <b>11</b> =stop and go, unknown if in use <b>12</b> =yes, unknown type, in use <b>13</b> =Yes, Unknown type, not in use <b>14</b> =Yes, unknown type, unknown if in use
Blind spot indicator	0=no 3=Yes, not in use 4= Yes, in use, 5=Yes, unknown if in use
GPS	0=no 1=Yes
Active Hood	0=no 1=Yes
Electronic stability program Traction control system	0=no 3=Yes, not in use 4= Yes, in use, 5=Yes, unknown if in use
ABS	1=No 2=Yes
Active brake light	1=No 2=Yes
Brake assist	1=No 2=Yes
Automatic emergency brake	1=No 2=Yes
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
Night vison	0=no.3=Yes. not in use 4= Yes. in use
Active headlamps	5=Ves unknown if in use
Active headiamps	