

# Euro NCAP 2013 - 2016

## Update - Part I

Get ready for Euro NCAP's most comprehensive rating revision, starting 2013!

SafetyWissen by carhs provides you with overviews of Euro NCAP's new requirements and test methods.

### LEARN MORE:

To learn all the details of the new rating visit our UpDate Seminar with the leading Euro NCAP experts.

Scroll down to see the details!

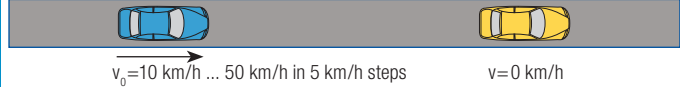
Click here to get our Euro NCAP desktop roadmap



### Euro NCAP Test Methods for Autonomous Emergency Brake Systems

2014

#### Approach to stationary target



AEB City

$v_0$ (km/h)	Points for Accident Avoidance	Remarks
10	1	Prerequisites for scoring in AEB City: <ul style="list-style-type: none"> <li>minimum 1.5 points (out of 2) from the whiplash assessment of front seats</li> <li>up to 20 km/h accidents must be completely avoided</li> </ul>
15	2	
20	2	
25	2	For $v_0 > 20$ km/h accident mitigation is rewarded. The score is calculated from the remaining impact velocity $v_i$ <b>Points for Accident Avoidance * <math>(v_0 - v_i) / v_0</math></b> <i>Example: At <math>v_0 = 30</math> km/h the target is impacted at a remaining velocity of <math>v_i = 10</math> km/h:                      2 Points * (30 km/h - 10 km/h) / 30 km/h = 1,333 Points</i>
30	2	
35	2	
40	1	
45	1	
50	1	

The raw score of a maximum of 14 points is scaled down to a maximum of 3 points and is part of the Adult Occupant assessment.



2014

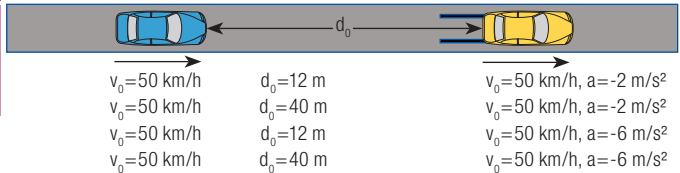
#### Approach to stationary target



#### Approach to slower target



#### Approach to braking target



AEB Inter Urban

$v_0$ (km/h)	stationary target		slower target		braking target
	Points for Collision Warning	Points for Accident Avoidance	Points for Collision Warning	Points for Accident Avoidance	
30	2	1	1		1 point each for avoidance and for warning per scenario
35	2	1	1		
40	2	1	1		
45	2	1	1		
50	3	1	1		
55	2	1	1		
60	1	1	1		
65	1	2	2		
70	1	2	2		
75	1	-	2		
80	1	-	2		

The raw score is scaled down to a maximum of 3 points and is part of the Safety Assist assessment. The weighting of the scenarios is to be decided.



# UpDate Seminar

**March 5-6, 2013 - Brussels, BELGIUM**

In the period from 2013 to 2016 Euro NCAP plans a comprehensive revision of its ratings. Nearly no area of the current rating remains untouched. Numerous new tests and assessments will be added and the weighting of the current tests will be modified. In co-operation with Euro NCAP we will present all the upcoming changes at this UpDate Seminar.

By attending this event you get prepared for the changes and get a deep insight in Euro NCAP's methods and goals. The new protocols will be presented in detail.



#### Adult Occupant Protection:

- AEB City
- Full-width Test
- 5%ile HIII-Dummy
- 50%ile World-SID Dummy
- Improved Chest Assessment
- New Pole Impact
- Whiplash on Rear Seats



#### Child Occupant Protection:

- Q-Dummies in Dynamic Assessment
- New Vehicle-based Assessment



#### Pedestrian Protection:

- GRID
- Flex-PLI
- AEB-Pedestrian



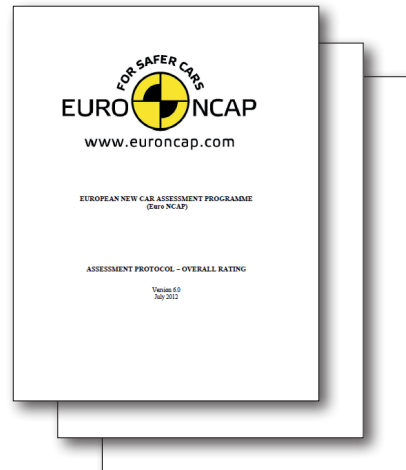
#### Safety Assist:

- AEB-Interurban
- LDW/LKD (Lane Departure Warning / Lane Keeping Device)
- ESC Assessment
- Speed Assist Systems



#### General:

- New Rounding Method
- New Weighting
- New Minimum Performance Levels (Balancing)



## Speakers



**Dirk-Uwe Gehring**  
Managing Director  
BGS Böhme &  
Gehring GmbH



Dr.  
**Michiel van Ratingen**  
Secretary General  
Euro NCAP



**Richard Schram**  
Technical Manager  
Euro NCAP



Director & Professor  
**Andre Seeck**  
Euro NCAP President  
Division Head Vehicle  
Technology  
Federal Highway  
Research Institute

Yes, I will attend the **Euro NCAP 2013+ UpDate Seminar** on March 5-6, 2013. The registration fee is EUR 1290 (until February 5, 2013, thereafter EUR 1490) plus VAT if applicable. I accept the terms & conditions stated below.

SURNAME, NAME

COMPANY

DEPARTMENT

PHONE

eMAIL

STREET

POSTCODE, CITY

INVOICE TO

DATE/SIGNATURE

#### TERMS & CONDITIONS

The registration fee excludes VAT. It includes detailed conference proceedings, lunches and refreshments, the evening reception. The registration fee is due 10 days after invoicing. A free cancellation is possible until February 5, 2013. Participants who cancel between February 6, 2013 and February 19, 2013 are liable for 50% of the registration fee. Participants who cancel after February 19, 2013, or who do not attend, are liable for the entire registration fee. The number of participants is limited. carhs.training gmbh reserves the right to vary or cancel the event in the light of bookings and to vary the duration and content without prior notice. In the event of cancellation, carhs.training gmbh will refund all monies paid to carhs.training gmbh with respect to the event.

#### Course Venue:

Brussels, Belgium

The course is held in Brussels, BELGIUM, where the headquarters of Euro NCAP are located. The course is scheduled prior to Euro NCAP's first Public Viewing Event in 2013. A transfer from the UpDate Seminar to the venue of the Viewing will be provided.

#### Course Schedule:

Tuesday March 5, 2013: 9 AM - 5 PM (Registration starts at 8.30 PM)

Wednesday March 6, 2013: 9 AM - 1 PM

#### Course Organizer:

carhs.training gmbh      Phone    +49-6023-964060  
Siemensstrasse 12      email    trainingcenter@carhs.de  
63755 Alzenau, GERMANY      Web      www.carhs.de

# [www.carhs.de/EuroNCAP](http://www.carhs.de/EuroNCAP)

