

# Euro NCAP

## Assessment of safety performance for motoring consumers



### What does Euro NCAP mean?

Euro NCAP is the abbreviation for European New Car Assessment Programme. It is a European benchmark program for new vehicles.

### What is the main purpose of Euro NCAP?

Euro NCAP performs a comprehensive, objective and independent assessment of vehicles and informs the public about the results. The goal is to make a car's safety transparent and comparable for customers, so that they can include this information in their purchase decision.

For the automotive industry Euro NCAP provides the opportunity to receive an independent assessment of their products which they can use for advertising purposes. Thereby Euro NCAP provides a "marketplace" for vehicle safety.

### Who is Euro NCAP?

Euro NCAP is an international consortium composed of seven Governments and five non-governmental organizations under Belgian law and independent of the automotive industry. BAST represents the Federal Republic of Germany on behalf of the Federal Ministry of Transport.

### Euro NCAP Rating

Since 2009 there is one overall star rating for each car tested. This overall safety rating is composed of scores in four areas: adult protection, child protection, pedestrian protection and safety assist.



### Euro NCAP Members Governments

Germany



France



Catalonia



Luxembourg



Netherlands



Sweden



United Kingdom



The European Commission is an observing member and provides political support



### Euro NCAP Members Non-Governmental Organisations

ADAC

(Allgemeiner Deutscher Automobil-Club)



ICRT

(International Consumer Research & Testing)



FIA

(Fédération Internationale de l'Automobile)



Thatcham

(Motor Insurance Repair Research Center)



ACI

(Automobile Club d'Italia)



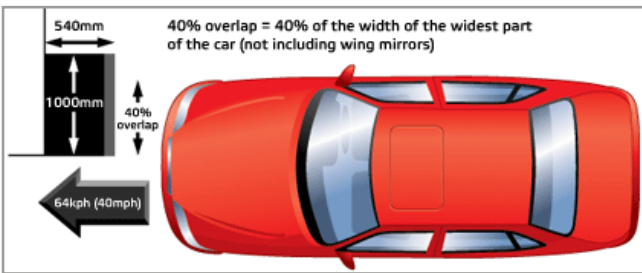
### Euro NCAP Testing

Each car model has to pass up to three full scale crash tests: frontal impact, pole side impact and side impact. In addition there are

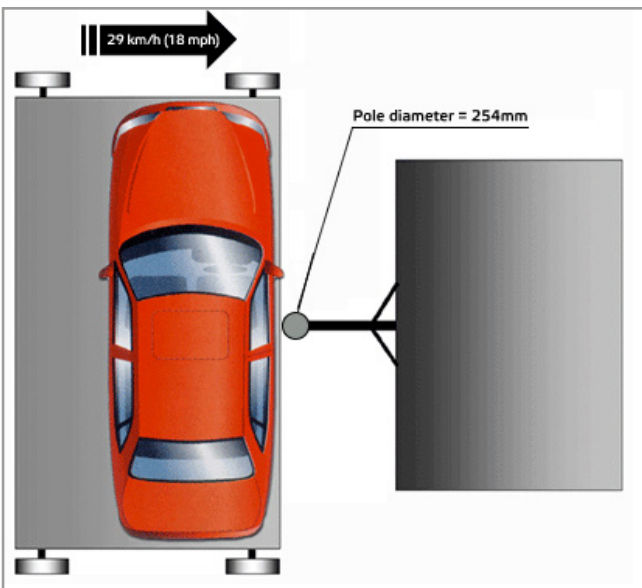
Whiplash-tests, pedestrian tests and tests of emergency brake assistants, if available. BAST is a recognized testing laboratory in Euro NCAP. BAST executes all Euro

NCAP Crash-tests on its Vehicle Engineering Test Facility - the tests of emergency brake assistants in Aldenhoven.

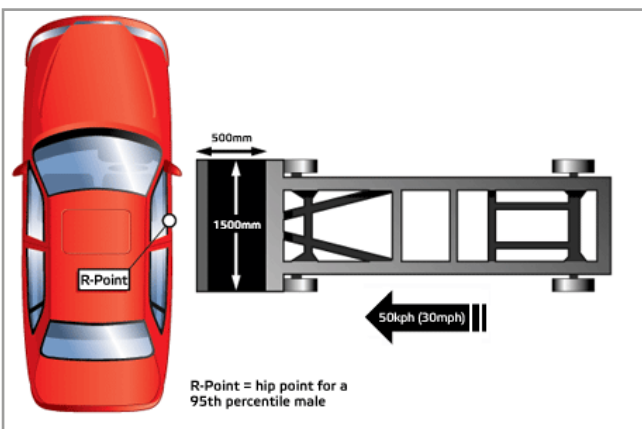
### Frontal Impact (64 kph)



### Pole side impact (29 kph)



### Side Impact (50 kph)



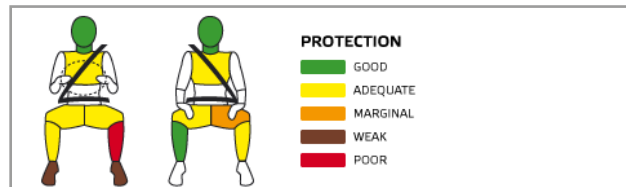
### Rear Impact „Whiplash-Test“



### Pedestrian protection (40 kph)



### Evaluation scheme



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