

Get ready for the latest protocols

Special Groups Euro NCAP 2026



The new Special Groups Euro NCAP 2026 module is a powerful, optional software upgrade delivering pre-configured tests for all new Euro NCAP crash avoidance protocols, including frontal, lane departure and low-speed collisions.

Transforming existing AB Dynamics track test equipment into a fully integrated solution capable of handling a much broader and more complex range of ADAS scenarios, the new module delivers over 2000 auto-generated Euro NCAP 2026 test combinations covering more than 1200 scenarios, saving users months of development time. The module aligns with Euro NCAP's current roadmap until 2029, ensuring years of usability and value for those keeping up with the latest requirements.

With advanced automation and intelligent scenario management, the module supports evolving test requirements, while ensuring precision and repeatability. New features such as consolidated target positioning and reduced track space requirements simplify setup and improve test efficiency.

By streamlining procedures and enabling consistent, reliable testing. This new module saves time, reduces manual effort, and boosts repeatability.



Access over 1200 ready-to-run test scenarios



Preserve custom path modifications across test groups



Fully integrates across all test objects within the AB Dynamics ecosystem



Automatically position vehicles and targets using Move to Point



Instant pass/fail feedback with integrated post processing



Freely create robustness tests with "robustify" toolset



Guided setup for start-from-stop scenarios



Optimised platform acceleration using real-world data

Specification

Overview of tests

Test scenarios included	1200+
Extended range tests	Included
Robustness tests	Create "robustified" variants of standard tests



Pre-configured test combinations

Save time and test with confidence with over 2000 pre-configured templates, ready to deploy.

Frontal collisions (900+ scenarios)

Car-to-car rear	CCRs, CCRm, CCRb
Car-to-car front head-on	CCFhos, CCFhol
Car-to-car turning	CCFtap
Car-to-car crossing	CCCscp
Car-to-motorcycle rear	CMRs, CMRb
Car-to-motorcycle turning	CMFtap
Car-to-motorcycle crossing	CMCscp
Pedestrian/bicyclist longitudinal	CPLA, CBLA
Pedestrian/bicyclist turning	CPTAfs, CPTAfo, CPTAno, CPTAns, CBTAfs, CBTAfo, CBTAns, CBTAno
Pedestrian/bicyclist crossing	CPNA, CPFA, CPNCO, CBNA, CBNAO, CBFA

Low speed collisions (60+ scenarios)

Car-to-car crossing (start from stop)	CCCscp (sfs)
Car-to-car turning (start from stop)	CCFtap (sfs)
Car-to-motorcycle turning (start from stop)	CMFtap (sfs)
Car-to-motorcycle crossing (start from stop)	CMCscp (sfs)
Bicyclist crossing (start from stop)	CBNAO (sfs)
Pedestrian manoeuvring	CPMRCm (sfs), CPMRCs (sfs), CPMFC
Bicyclist dooring	CBDA

Lane departure collisions (240+ scenarios)

Road-edge	ELK-RE
Lane marking	Overriding torque Continuous intervention
LSS oncoming (car to car and car to motorcycle)	ELK-ON (GVT) ELK-ON (VRU)
LSS overtaking (car to car and car to motorcycle)	Blind Spot Monitoring ELK-OV (GVT) ELK-OV (VRU)

The Special Groups Euro NCAP 2026 module provides test scenarios in accordance with Euro NCAP Protocol - Crash Avoidance - Frontal Collisions v1.1, Crash Avoidance - Lane Departure Collisions v1.1, Crash Avoidance -- Low Speed Collisions v1.1.

About AB Dynamics

AB Dynamics is a leading global provider of automotive test and verification solutions that facilitate the development of vehicles that are safer, more efficient and sustainable. As part of the AB Dynamics Group of companies we enable customers to develop and test in virtual environments, validate on the track and then evaluate vehicles on public roads.

For more information:
www.abdynamics.com
info@abdynamics.com

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