ADAS Dictionary
a harmonised list of names of the most common driver assistance systems



Agreed Name of System	Euro NCAP Category	Brief description	Comfort/Safety system	Default on/off or Last User Mode
Cruise Control (CC)		Offers the possibility of setting the speed so that the gas pedal can be released.	Comfort	Off
Adaptive Cruise Control (ACC)	Assisted Driving Speed Assist System	Offers the possibility of setting the desired speed and the distance to the vehicle in front.	Comfort	Off
Speed Limit Information Function (SLIF)	Speed Assist Systems	Displays traffic signs only with speed limit (that the driver might miss) on a screen in the vehicle.	Safety & Comfort	On
Traffic Sign Recognition (TSR)	Speed Assist Systems	Displays traffic signs (that the driver might miss) on a screen in the vehicle.	Safety & Comfort	On
Intelligent Speed Assistance (ISA)	Speed Assist Systems	Speed Control Function linked to Speed Information Function. Adapts speed automatically to the current speed limit.	Safety & Comfort	Off
Speed Control Function	Speed Assist Systems	Ensures that the car is not driven faster than the speed limit that the driver has set.	Safety & Comfort	Off; the law does not permit it to be on when starting
Forward Collision Warning (FCW)	Autonomous Emergency Braking (AEB)	Function that warns of the risk of collisions.	Safety	On
Autonomous Emergency Braking (AEB)	Autonomous Emergency Braking (AEB)	Takes action when danger threatens, by bringing the vehicle to a standstill by means of an emergency stop.	Safety	On
Lane Keep Assist (LKA)	Lane Support Systems	Makes steering adjustments or displays a warning when the driver unintentionally starts to change lane.	Safety	On (when GSR is active, but this is already the case with a number of manufacturers) Older systems operate Last User Mode, whereby the driver's most recent setting is retained
Lane Departure Warning (LDW)	Lane Support Systems	Gives a warning when the driver changes lane without signalling.	Safety	Last User Mode
Emergency Lane Keeping (LKA) (also includes Active BlindSpot)	Lane Support Systems	This is effectively the default ON version of LKA, but it also includes Road Edge Detection.	Safety	On
Lane Centering	Assisted Driving	Keeps the vehicle in the middle of the lane.	Comfort	Off
Blind Spot Warning (BSW)	Lane Support Systems	Camera in the driver's wing mirror warns by means of a light when the vehicle is being overtaken. Also with a sound, if the driver nevertheless changes lane.	Safety	On
Drowsiness detection		Recognises when the driver is tired and gives a warning signal or takes action by means of a controlled stop and quicker use of Safety ADAS.	Safety	Last User Mode (from 2023 onwards ON in Euro NCAP and when in GSR)
Distraction recognition		Recognises when the driver is distracted and gives a warning (current systems). In 2023 when Euro NCAP introduces it, this system will tighten up the Safety ADAS systems to eliminate irritating warnings.	Safety	On
Navigation Systems		Gives an automatic route description without current traffic information.	Comfort	Off
Traffic Information		Displays current traffic information such as details of roadworks and traffic jams.	Safety & Comfort	Last User Mode
Parking sensors		Gives a visual or aural signal when approaching an obstacle.	Comfort	Subject to brand
Surroundings camera		Can be backup camera, combination of front view and backup, or 360 degree camera.	Comfort	Subject to brand
Assisted Parking		Car manoeuvres automatically during parallel parking, driver uses gas and brake pedals.	Comfort	Off
Automatic Parking		Vehicle parks itself autonomously in a parking space, under the driver's supervision.	Comfort	Off
Rear Collision Warning (RCW)		Detection of other vehicles when reversing.	Safety	Last User Mode