



Euro NCAP Roadmap for Vehicle Safety

Encouraging Seat Belt Reminders and other life-saving technologies



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The Official Site of The European
New Car Assessment Programme

LATEST SAFETY RATINGS



2015 ★ ★ ★ ★ ★

Ford Galaxy
Large MPV



2015 ★ ★ ★ ★ ★

Ford S-MAX
Large MPV



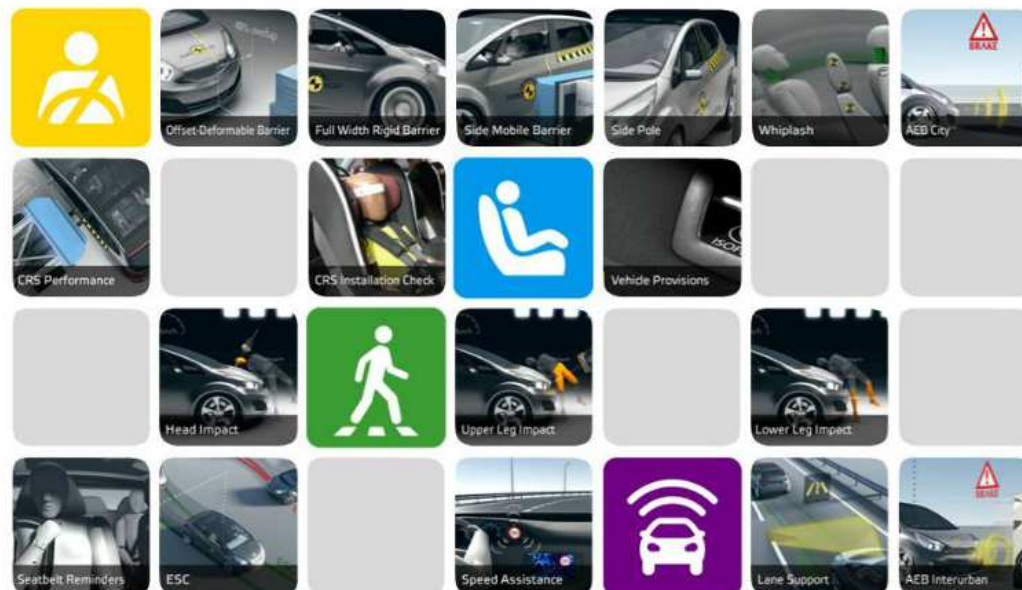
2015 ★ ★ ★ ★ ★

Renault Kadjar
Small Off-Road



Rebranding stars

Through rating updates, Euro NCAP has redefined what constitutes a safe car on the European market today. This includes driver support & crash avoidance systems.



Belt Reminders

Giving credit to manufacturers that equip cars with intelligent and efficient systems since 2002



- All seating positions
- Audio-visual signal
- Loud and clear sound
- Initial and final signal
- Change of status

Market response

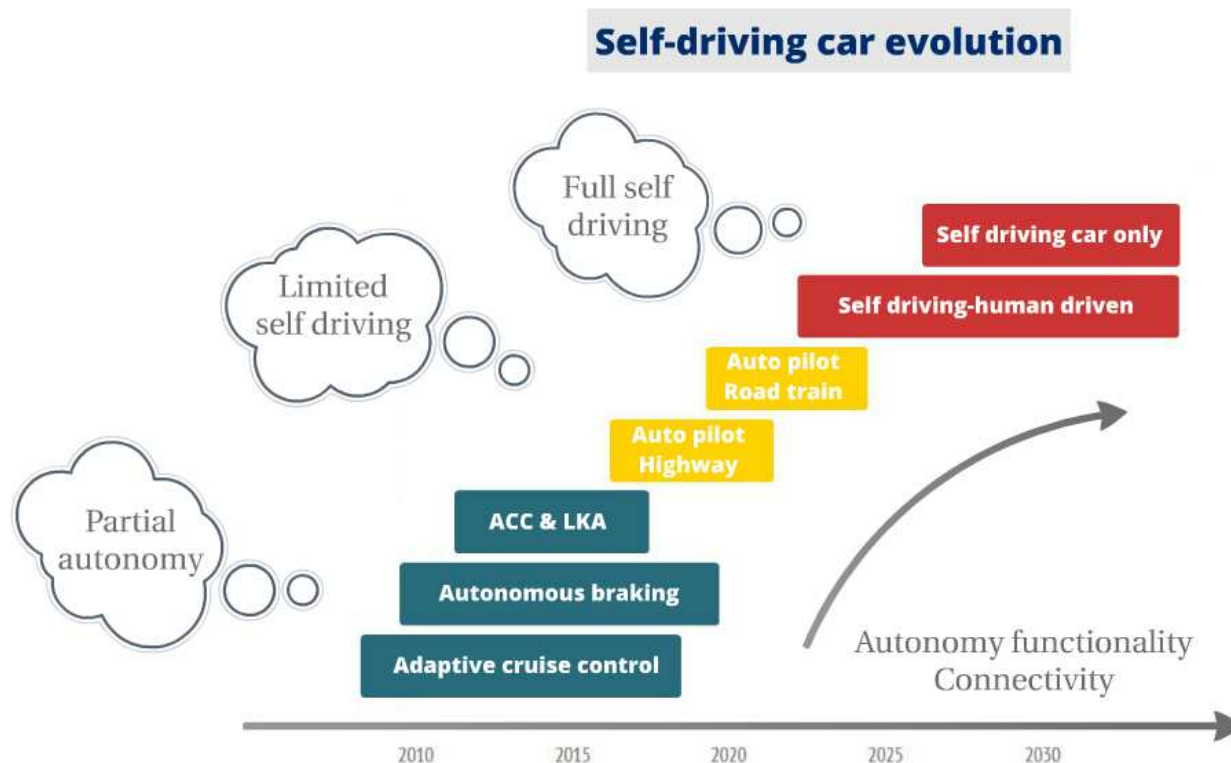
Share of cars rated that offer compliant Seat Belt Reminders on all (including rear) seats has increased...



© BMW Group

What cars must do next

Vehicle automation forms the backdrop for next development phase of the rating. Autonomous cars, driven by safety.



“

*The car is becoming a
smartphone on wheels.*
- Dieter Zetsche



Opportunities

The vehicle safety market is influenced by many factors: economical, social, legislative, technological, ...

Growth Drivers

- Push for greater road safety.
- Industry innovations, need for value selling features.
- Consumers interest is growing.
- Prices are coming down.



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Challenges

But a continuing strong advocacy effort is needed to counter the factors that slow down uptake in Europe.

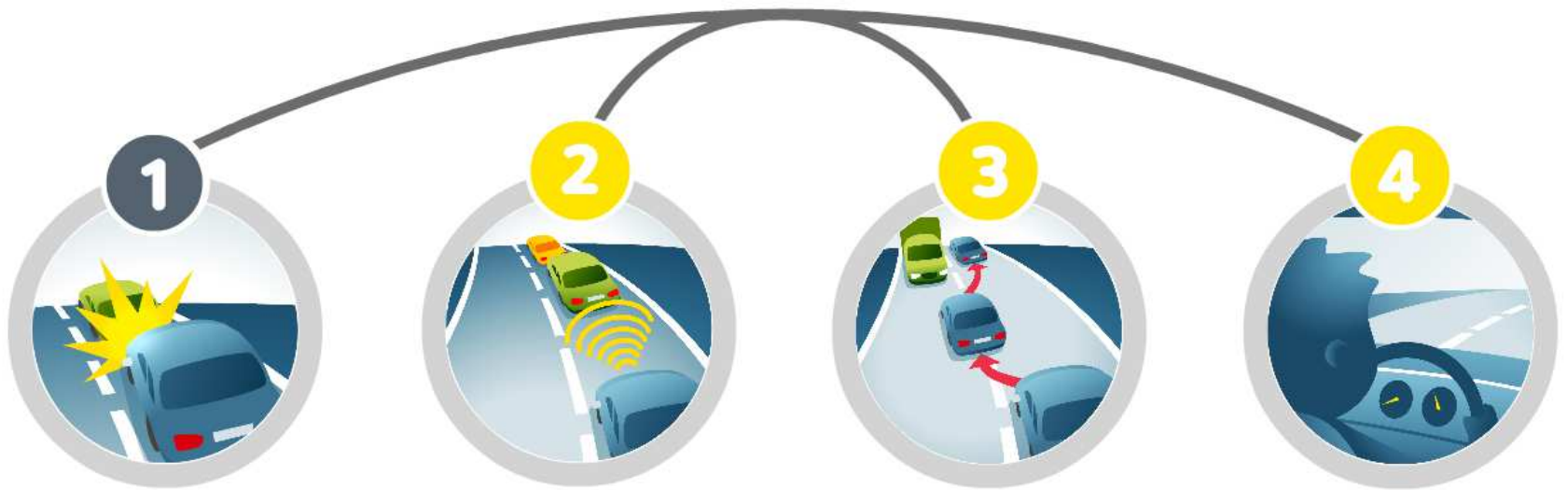
Market Restraints

- Pushback on technology (no-frills).
- Perceived added costs of safety.
- Lack of market incentives.
- Outdated regulation.



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Roadmap 2020



Occupant
protection in
front and side
crashes

(crash protection)

Autonomous
braking for
cars and vru

(crash avoidance, information, warning & intervention)

Lateral assist
systems

Speed, belts &
impaired driving

Evolutions in Safety



Mobile PDB test
Junction assist technology, C2X,
Driver monitoring, etc.

2016

2017

2018

2019

2020

Additional speed assistance
system requirements;
LKA & LDW



More emphasis
on rear passenger
seats

Intelligent SBR



AEB Car-to-car; Road edge detection

