

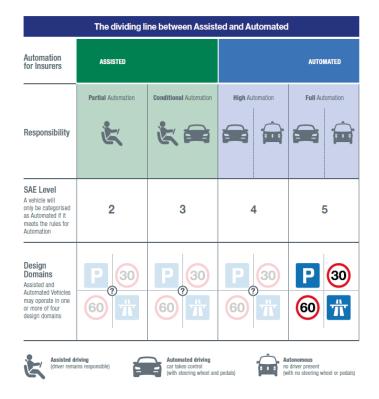
Evaluating Assisted Driving Technologies

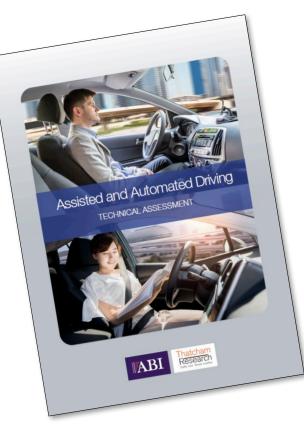
Dave Baldwin November 2018

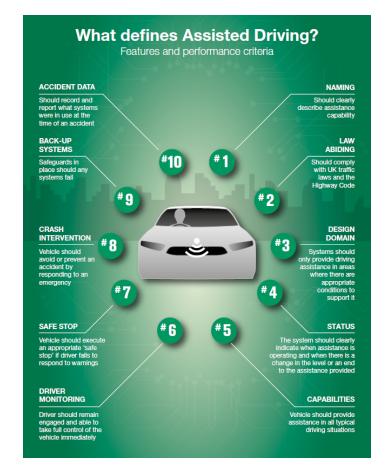
Thatcham Research SAFER CARS. FEWER CRASHES

Assisted and Automated Foundation

> Documents to communicate the Insurers Position

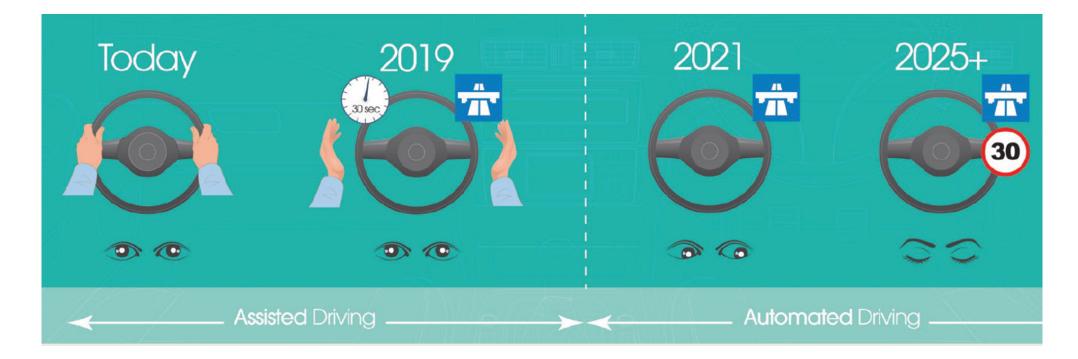




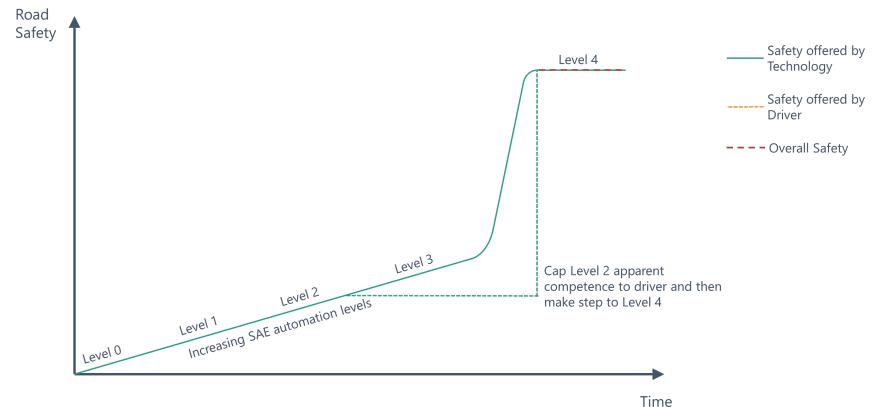


Rating AD Technology

> Part 1 – 2018+ Assisted Driving Technology

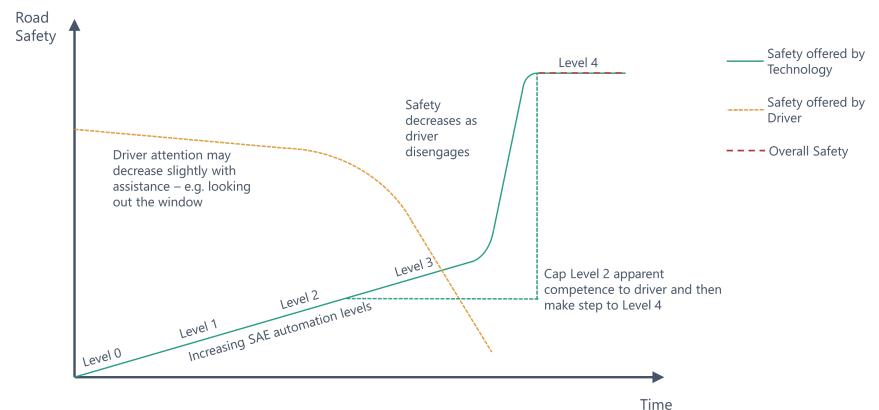


Impact of Automation on Safety



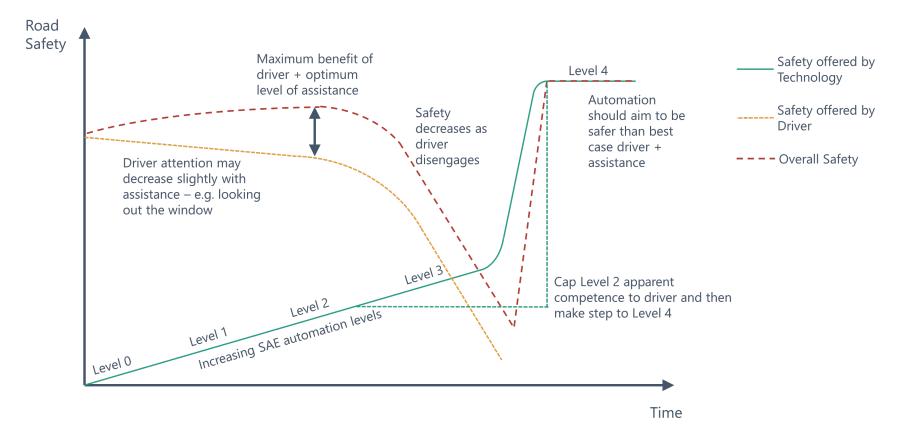
SOURCE: information goes here

Impact of Automation on Safety



SOURCE: information goes here





Thatcham AD Assessment Process

Rating AD car tech

Desk-based

Review handbook to determine functionality, performance, limitations, driver responsibility etc. for:

- Naming
- Law Abiding
- Design Domain
- Status
- Capabilities
- Driver Engagement
- Driver Monitoring
- Crash Intervention
- Back-Up Systems
- Accident Data
 Understand system

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On the public road

Evaluation in accordance with Highway Code maintaining road safety

Verifying performance interacting with:

- Road environment
- Other vehicles and road usersDriver

At the test track

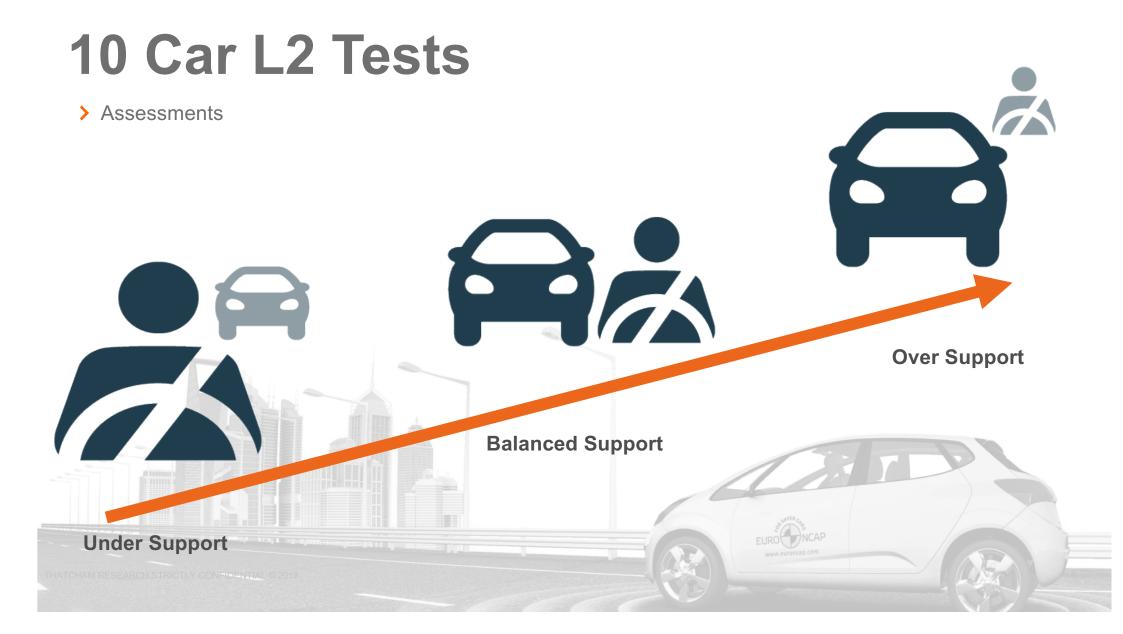
Safe, controlled test environment for attempting and verifying performance in:

- Illegal driving manoeuvres
- Unsafe/near miss/emergency situations
 - Driver disengagement

Thatcham AD Assessment Fleet

> The first Rating of Assisted Driving Technology





Testing Assisted Driving

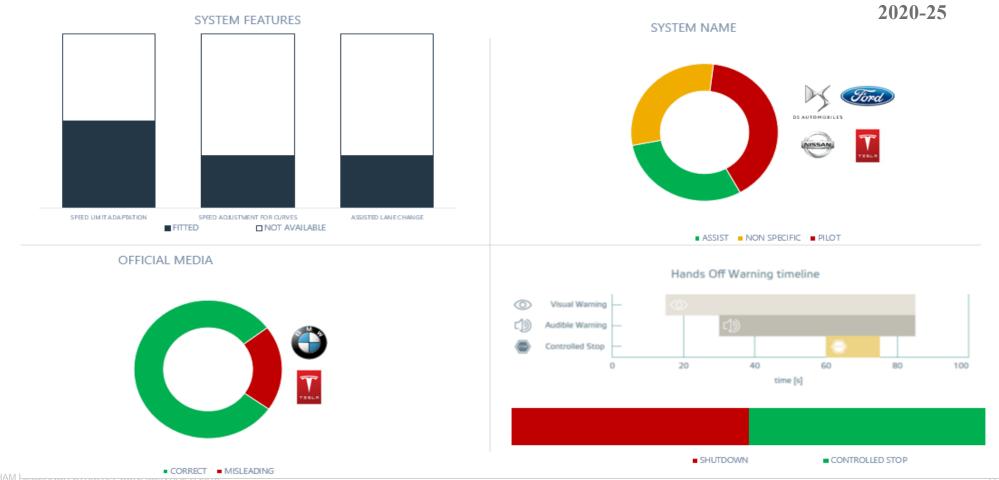
> Basic test procedures



System Name Official Media System Features User Manual Stationary Car Slower Moving Car Braking Car Cut-in Cut-out Obstacle Avoidance Steering In S-curve



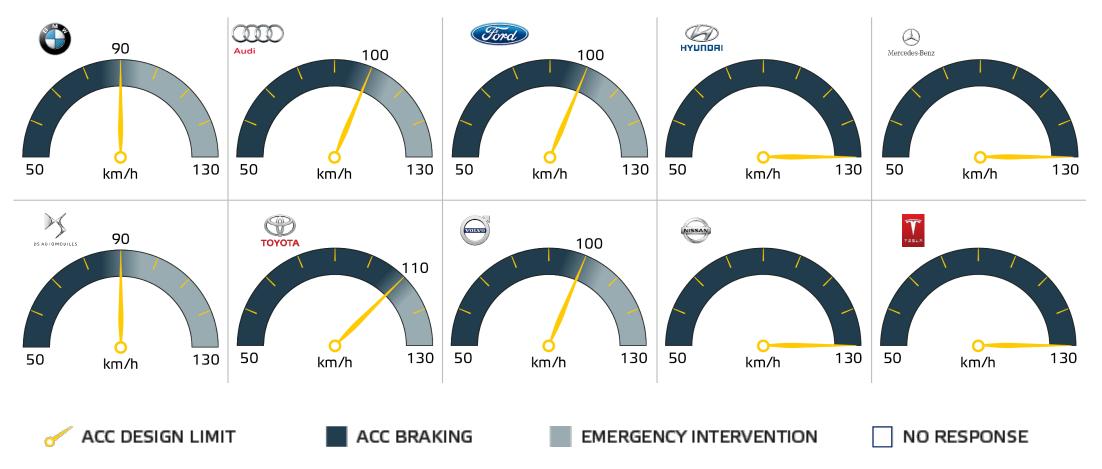






Adaptive Cruise Control

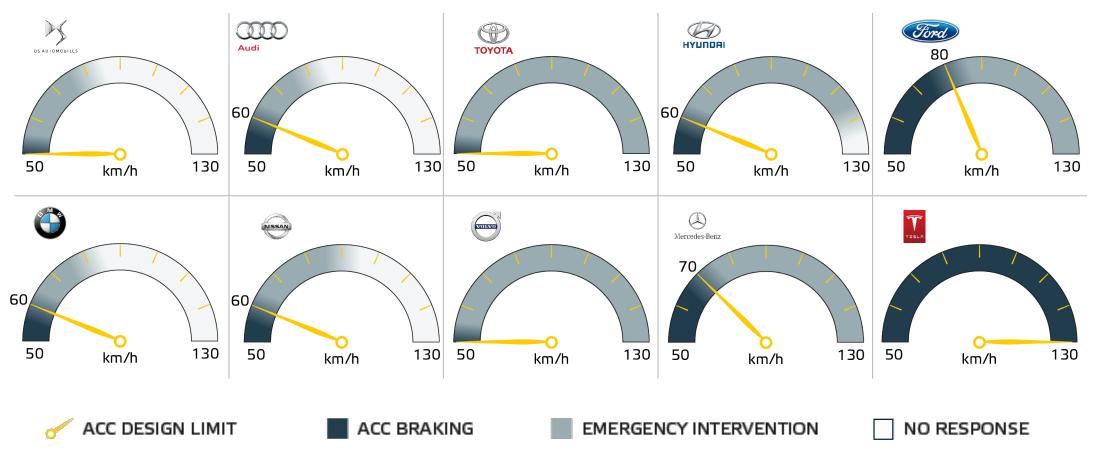
Slow Moving Car





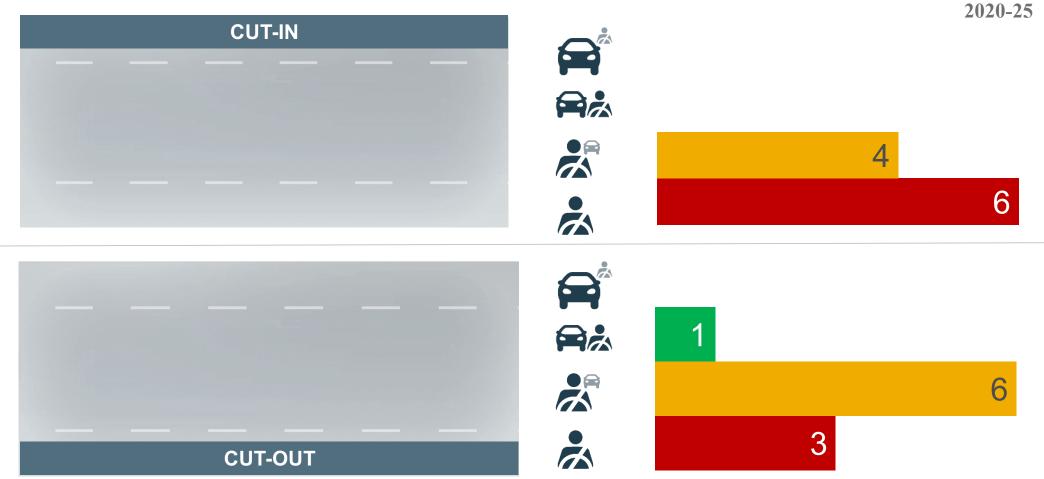
Adaptive Cruise Control

Stationary Car



Adaptive cruise control









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AFER

10 Car L2 Tests

> Summary





Evaluating Assisted Driving Technologies

J Thank you



ROUTES O TO SUCCESS O

ACHIEVING A STEP CHANGE IN ROAD SAFETY

#NRSC2018

