



Cupra Formentor
Travel Assist

2021



ASSISTANCE COMPETENCE		70%
SAFETY BACKUP		74%

SPECIFICATION

SYSTEM NAME	Travel Assist
STANDARD ACTIVE SAFETY SYSTEMS	
AEB Car-to-Car	●
AEB Vulnerable Road User	●
Lane Support Systems	●
Speed Assistance Systems	●

Comments

Cupra’s appropriately named Travel Assist accurately portrays system functionality. The promotional material and the handbook correctly indicate the limitations of the system capabilities. Status information is clear but the Formentor does not offer a head-up display showing the system status in the driver’s direct line of sight. Cupra did not equip the Formentor with an internal camera and the system relies only on steering wheel input for Driver Monitoring. The system balances driver steering input with lane guidance, promoting co-operative driving.

Cupra combines map-based speed limit information with real time camera inputs to manage fixed, variable and temporary speed limit signs. The system adapts speed for upcoming road features such as curves and junctions. The Formentor avoids a collision with moving vehicles but fails to do so with stationary cars in the ACC test scenarios. AEB interventions provide limited additional support in critical situations. The driver is supported through the S-Bend, staying within the lane at all but the highest test speed. The vehicle has an Active Blindspot system designed to prevent lane changing into adjacent vehicles. The system works when the relative speed of the adjacent vehicle is low but fails at higher relative speeds. A lane-change assist function is not available. In case of an unresponsive driver, the Cupra performs a controlled stop in lane. If the radar or camera are blocked the Formentor provides a timely warning and prevents system activation.

The Cupra Formentor provides a good level of Vehicle Assistance with a similar level of Driver Engagement resulting in a good, balanced system.

ASSISTANCE COMPETENCE

Total 70%

DRIVER ENGAGEMENT

70.3 / 100 PTS

CONSUMER INFORMATION 20.0 / 25 Pts

SYSTEM NAME	Travel Assist
MARKETING MATERIAL	Travel Assist Cupra Viewed 12 November 2021
QUICK START GUIDE	
VEHICLE HANDBOOK	Viewed 12 November 2021

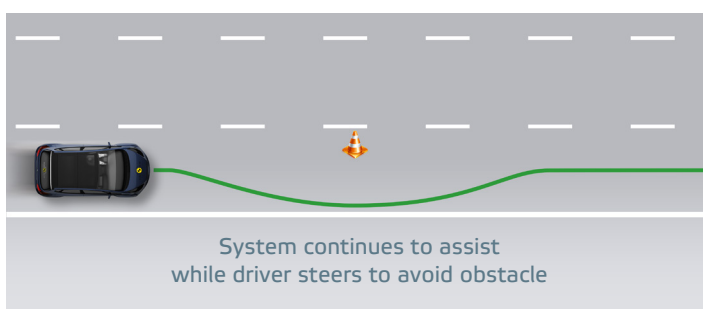
SYSTEM STATUS 15.3 / 25 Pts

Continuous System Status Indicator	
System Status Change Indicator	

DRIVER MONITORING 10.0 / 25 Pts

DRIVING COLLABORATION 25.0 / 25 Pts

Steering to avoid an obstacle



GOOD	ADEQUATE	MARGINAL	WEAK	POOR
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ASSISTANCE COMPETENCE

Total 70%

VEHICLE ASSISTANCE

79.0 / 100 PTS

SPEED ASSISTANCE



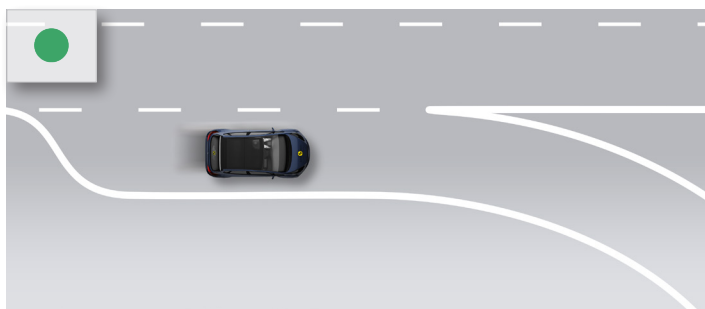
19.9 / 25 Pts

SPEED ASSIST SYSTEMS

Vehicle response to fixed Speed limits	At speed at sign
Vehicle response to variable Speed limits	Start slowing down after sign

ROAD FEATURES

Speed adaptation for corners



Speed adaptation for roundabouts



Speed adaptation for junctions



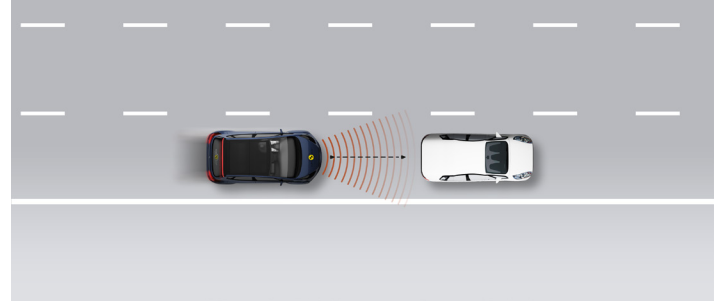
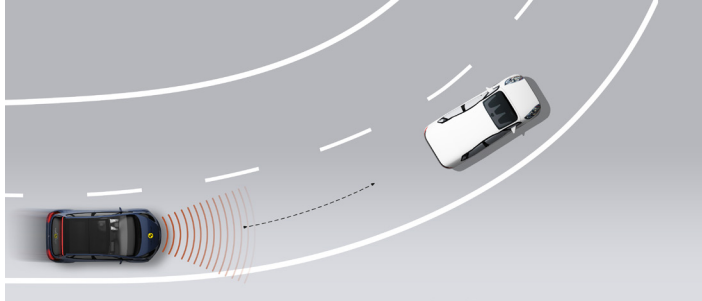
FITTED TO THE VEHICLE NOT AVAILABLE

ASSISTANCE COMPETENCE

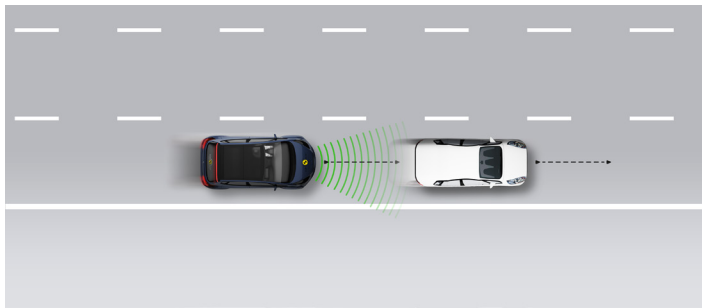
Total 70%

ADAPTIVE CRUISE CONTROL PERFORMANCE 29.1 / 40 Pts

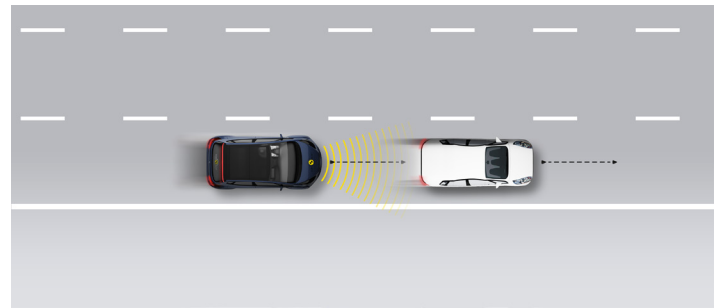
Approaching a stationary car



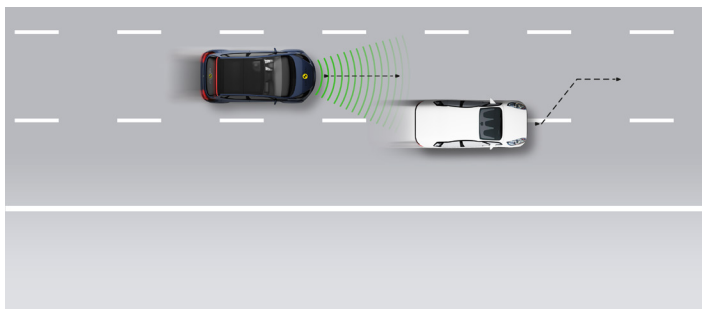
Approaching a slower moving car



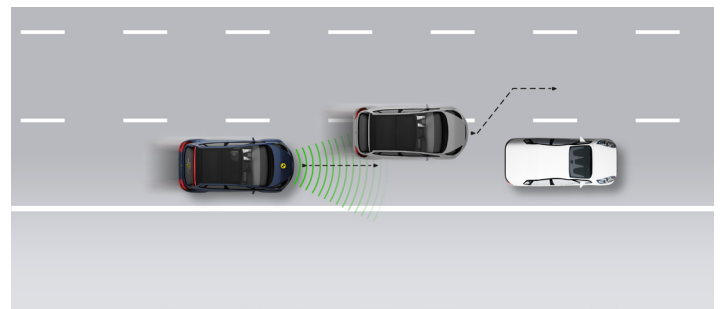
Approaching a braking car



Car cutting-in in front



Car cutting-out in front



UNDERTAKE PREVENTION	
Undertake prevention at speeds over 90 km/h	●

ADAPTIVE CRUISE CONTROL AUTO-RESUME	
Assistance maintained after coming to a full stop	●
System assistance maintained by	Automatic resume within 5s of stop and driver input required over 5s

ASSISTANCE COMPETENCE

Total 70%

STEERING ASSISTANCE 30.0 / 35 Pts

Steering in an S-curve



80 km/h	●
100 km/h	●
120 km/h	●
Lane Change Assist	✘

SAFETY BACKUP

Total 74%

SYSTEM FAILURE 25.0 / 25 Pts

	ENGAGEMENT	WARNING
SENSOR BLOCKED AT START-UP		
Camera	System can NOT be engaged after a 5 minute drive	Visual Warning within 5 minutes after sensor blocking
Radar	System can NOT be engaged after a 5 minute drive	Visual Warning within 5 minutes after sensor blocking
SENSOR BLOCKED WITH VEHICLE IN MOTION, SYSTEM INACTIVE		
Camera	System can NOT be engaged after a 5 minute drive	Visual Warning within 5 minutes after sensor blocking
Radar	after a 5 minute drive	after sensor blocking
SENSOR BLOCKED WITH VEHICLE IN MOTION, SYSTEM ACTIVE		
Camera	within 2 minutes after blocking	after sensor blocking
Radar	after sensor blocking	after sensor blocking

UNRESPONSIVE DRIVER INTERVENTION 20.0 / 25 Pts

Hands Off Warning Timeline



 SAFETY BACKUP

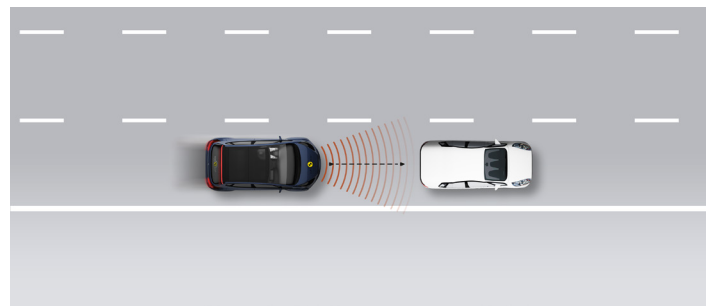
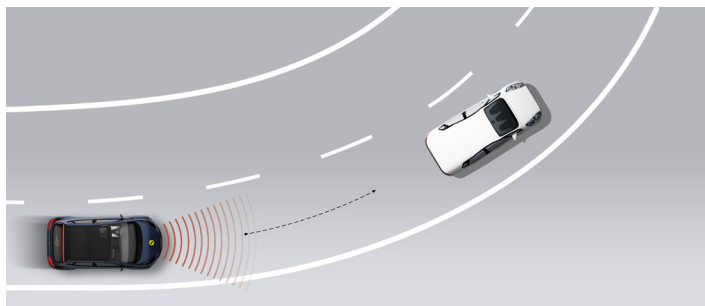
Total 74%

COLLISION AVOIDANCE

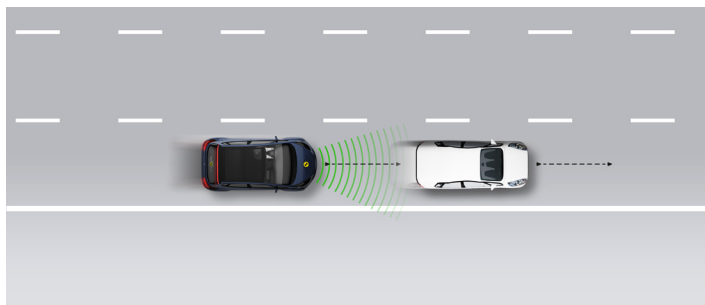


29.8 / 50 Pts

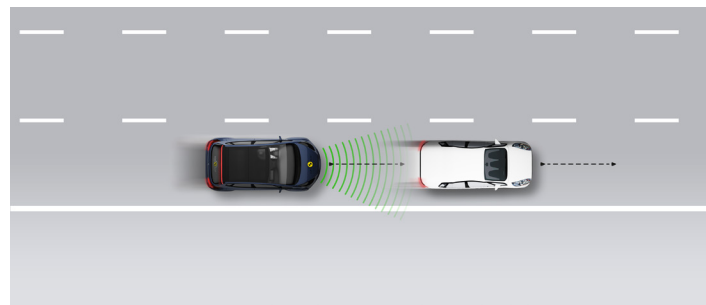
Approaching a stationary car



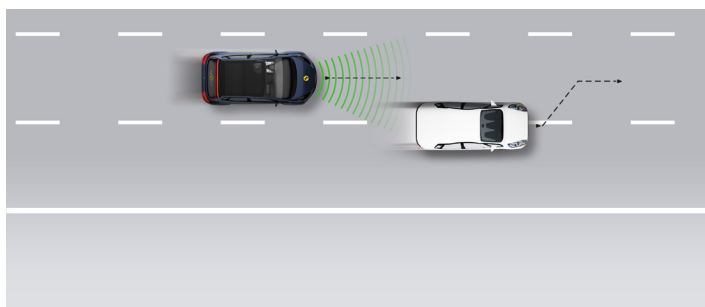
Approaching a slower moving car



Approaching a braking car



Car cutting-in in front



Car cutting-out in front

