



Renault Clio
Highway and Traffic Jam Companion

2020

ENTRY



ASSISTANCE
COMPETENCE



62%

SAFETY
BACKUP



43%

SPECIFICATION

SYSTEM NAME	Highway and Traffic Jam Companion
STANDARD ACTIVE SAFETY SYSTEMS	
AEB Car-to-Car	●
AEB Vulnerable Road User	●
Lane Support Systems	●
Speed Assistance Systems	●
ALSO AVAILABLE ON	Captur - Espace - Megane - Talisman - Arkana (launch end 2020)

Comments

Renault's appropriately named **Highway and Traffic Jam Companion** accurately portrays system functionality. The promotional material and the handbook correctly indicate the limitations of the system capabilities. Status information is limited, and the Clio does not offer a head-up display showing the system status in the driver's direct line of sight. Renault did not equip the Clio with an internal camera and relies only on steering wheel input for Driver Monitoring. The system has a noticeable difference in steering weight between system ON and OFF but allows co-operative driving.

Renault combines map-based speed limit information with real time camera inputs to manage fixed, variable and temporary speed limit signs. The system cannot adapt speed for upcoming road features such as curves and junctions. The Clio avoids a collision with moving vehicles in the ACC test scenarios but fails to respond to stopped cars. AEB interventions provide limited additional support in critical situations.

The driver is supported through the S-Bend but the system only stays centred in the lane at the lowest test speed. The vehicle does not have an Active Blindspot system designed to prevent lane changing into adjacent vehicles. A lane-change assist function is not available. In case of an unresponsive driver, the Renault deactivates the system leaving the vehicle without control. If the radar or camera are blocked the Clio provides a timely warning and prevents system activation.

The Renault Clio provides the essential functionality required for Vehicle Assistance which is balanced with a similar level of Driver Engagement but lacks the sophistication of more advanced systems resulting in an Entry level grading.

ASSISTANCE COMPETENCE

Total 62%

DRIVER ENGAGEMENT

70.0 / 100 PTS

CONSUMER INFORMATION 25.0 / 25 Pts

SYSTEM NAME	Highway and Traffic Jam Companion
MARKETING MATERIAL	Highway and Traffic Jam Companion Renault Viewed 12 September 2020
QUICK START GUIDE	
VEHICLE HANDBOOK	Viewed 12 September 2020

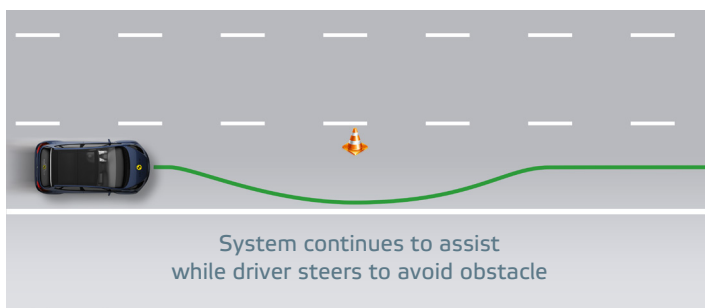
SYSTEM STATUS 15.0 / 25 Pts

Continuous System Status Indicator	
System Status Change Indicator	

DRIVER MONITORING 10.0 / 25 Pts

DRIVING COLLABORATION 20.0 / 25 Pts

Steering to avoid an obstacle



GOOD
 ADEQUATE
 MARGINAL
 WEAK
 POOR

ASSISTANCE COMPETENCE

Total 62%

VEHICLE ASSISTANCE

62.5 / 100 PTS

SPEED ASSISTANCE



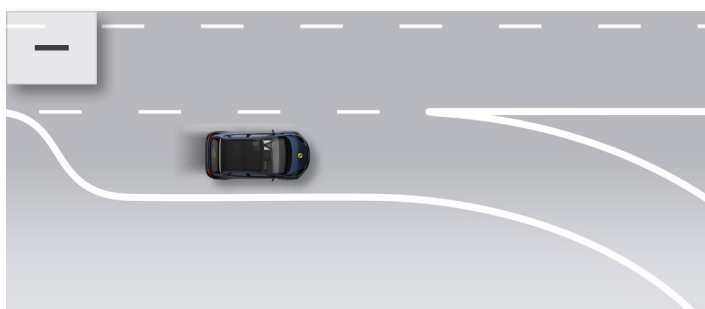
15.4 / 25 Pts

SPEED ASSIST SYSTEMS

Vehicle response to fixed Speed limits	Slowing down at sign
Vehicle response to variable Speed limits	Slowing down at sign

ROAD FEATURES

Speed adaptation for corners



Speed adaptation for roundabouts



Speed adaptation for junctions



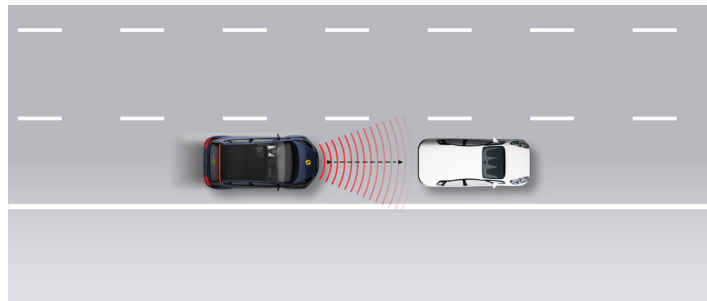
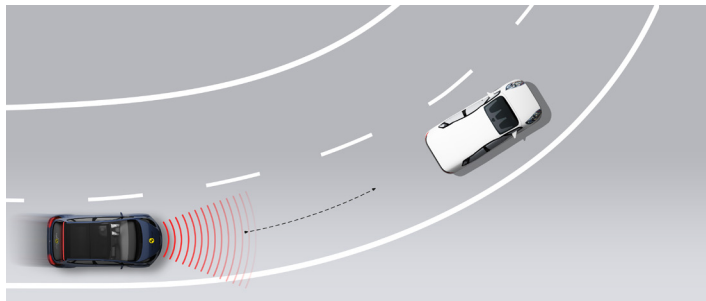
FITTED TO THE VEHICLE NOT AVAILABLE

ASSISTANCE COMPETENCE

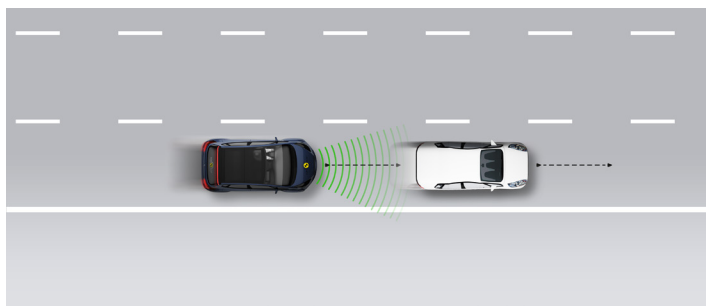
Total 62%

ADAPTIVE CRUISE CONTROL PERFORMANCE 19.7 / 40 Pts

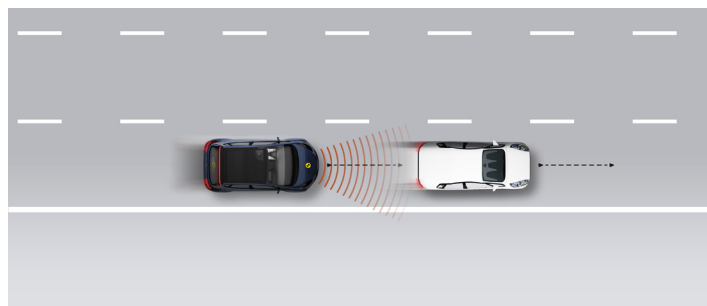
Approaching a stationary car



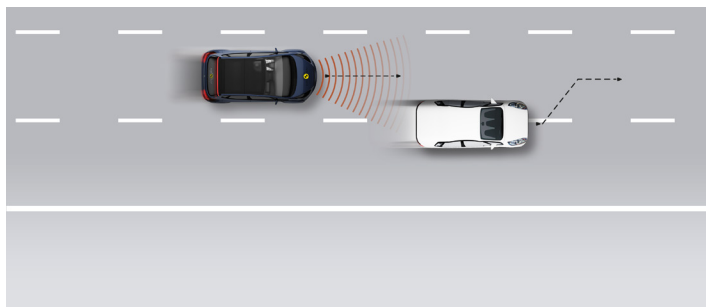
Approaching a slower moving car



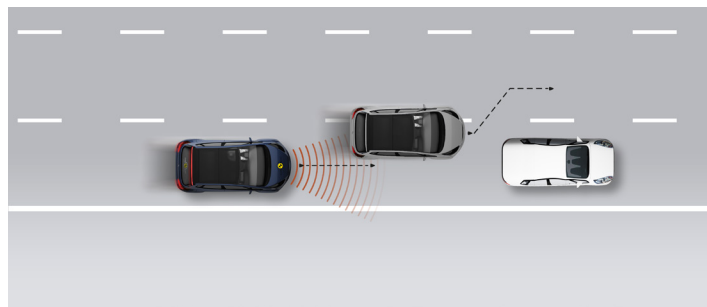
Approaching a braking car



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 62%

STEERING ASSISTANCE  27.5 / 35 Pts

Steering in an S-curve



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

SAFETY BACKUP

Total 43%

SYSTEM FAILURE 20.0 / 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	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 ACTIVE		
Camera	System cancels within 2 minutes after blocking	Visual Warning within 5 minutes after sensor blocking
Radar	System stays active after sensor blocking	Visual Warning within 5 minutes after sensor blocking

UNRESPONSIVE DRIVER INTERVENTION 0.0 / 25 Pts


Hands Off Warning Timeline



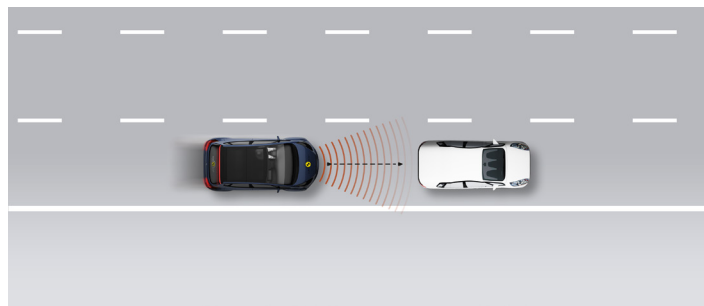
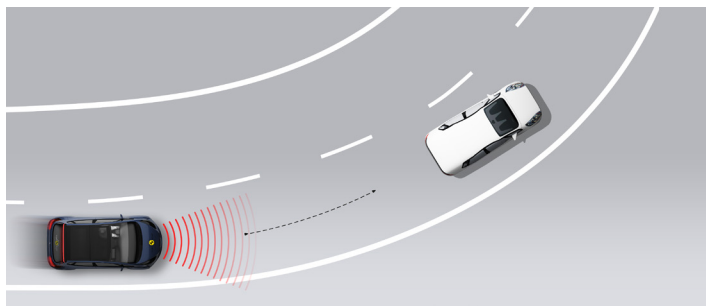
 SAFETY BACKUP

Total 43%

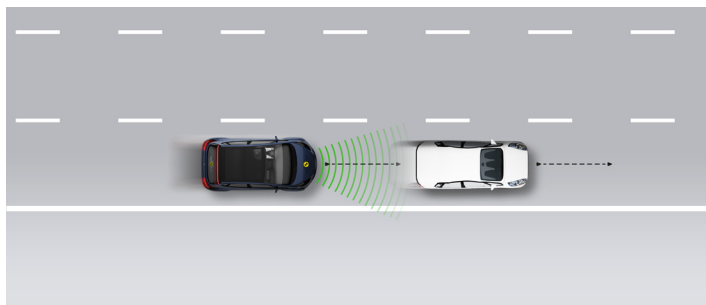
COLLISION AVOIDANCE

 23.6 / 50 Pts

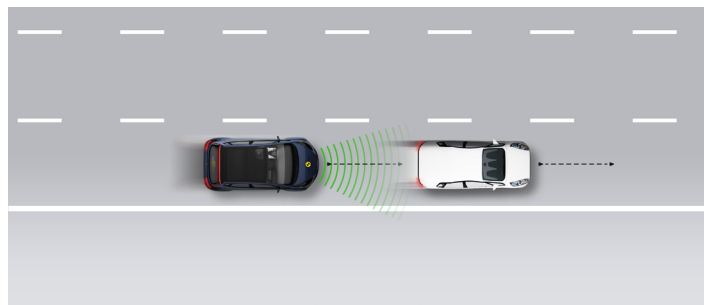
Approaching a stationary car



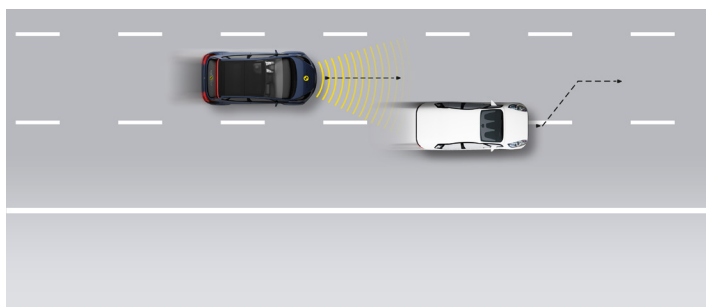
Approaching a slower moving car



Approaching a braking car



Car cutting-in in front



Car cutting-out in front

