



Renault Espace
Standard Safety Equipment

2022 ★★★★★



Adult Occupant



85%

Child Occupant



83%

Vulnerable Road Users



69%

Safety Assist



82%

SPECIFICATION

| | |
|-------------------------------|-------------------------|
| Tested Model | Renault Austral 1,3 Tce |
| Body Type | - 5 door MPV |
| Year Of Publication | 2022 |
| Kerb Weight | 1502kg |
| VIN From Which Rating Applies | - all Espaces |
| Class | Large MPV |

SAFETY EQUIPMENT

| | Driver | Passenger | Rear |
|--------------------------|--------|-----------|------|
| FRONTAL CRASH PROTECTION | | | |
| Frontal airbag | ● | ● | — |
| Belt pretensioner | ● | ● | ● |
| Belt loadlimiter | ● | ● | ● |
| Knee airbag | ✘ | ✘ | — |
| LATERAL CRASH PROTECTION | | | |
| Side head airbag | ● | ● | ● |
| Side chest airbag | ● | ● | ✘ |
| Side pelvis airbag | ✘ | ✘ | ✘ |
| Centre Airbag | ● | ✘ | — |

| | Driver | Passenger | Rear |
|-----------------------|--------|-----------|------|
| CHILD PROTECTION | | | |
| Isofix/i-Size | — | ○ | ● |
| Integrated CRS | — | ✘ | ✘ |
| Airbag cut-off switch | — | ● | — |
| SAFETY ASSIST | | | |
| Seat Belt Reminder | ● | ● | ● |

SAFETY EQUIPMENT (NEXT)

| | Driver | Passenger | Rear |
|-------------------------|--------|-----------|------|
| CHILD PROTECTION | | | |
| Isifix/i-Size | — | ○ | ● |
| Integrated CRS | — | ✘ | ✘ |
| Airbag cut-off switch | — | ● | — |
| SAFETY ASSIST | | | |
| Seat Belt Reminder | ● | ● | ● |

| OTHER SYSTEMS | |
|---------------------------|---|
| Active Bonnet | ✘ |
| AEB Vulnerable Road Users | ● |
| AEB Pedestrian - Reverse | ○ |
| AEB Car-to-Car | ● |
| Speed Assistance | ● |
| Lane Assist System | ● |

Note: Other equipment may be available on the vehicle but was not considered in the test year.

- Fitted to the vehicle as standard
- Fitted to the vehicle as part of the safety pack
- Not fitted to the test vehicle but available as option or as part of the safety pack
- ✘ Not available
- Not applicable

ADULT OCCUPANT

Total 32.6 Pts / 85%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Frontal Impact 12.7 / 16 Pts

Mobile Progressive Deformable Barrier Full Width Rigid Barrier

Lateral Impact 16.0 / 16 Pts

Side Mobile Barrier Side Pole Far-Side Excursion Occupant Interaction

Rear Impact 2.9 / 4 Pts

Rear Seat Front Seat


 ADULT OCCUPANT

Total 32.6 Pts / 85%


 GOOD ADEQUATE MARGINAL WEAK POOR

| Rescue and Extrication | | 1.0 / 2 Pts |
|------------------------|--------------------------|---|
| Rescue Sheet | Available, ISO compliant |  |
| Advanced eCall | Available | |
| Multi Collision Brake | Not available | |

Comments

The passenger compartment of the Espace remained stable in the frontal offset test. Dummy numbers showed good protection of the knees and femurs of both the driver and passenger. Analysis of the driver's side dashboard after the test revealed some areas which could be more injurious to occupants of different sizes and to those sitting in different positions. Protection of the driver's chest was rated as weak, based on dummy readings of compression. This is a poorer results than that of the Austral, where chest protection was marginal, but the overall star rating is not affected. Analysis of the deceleration of the impact trolley during the test, and analysis of the deformable barrier after the test, revealed that the Espace would be a moderately benign impact partner in a frontal collision. In the full width rigid barrier test, dummy readings of chest compression revealed marginal protection of this body region for the rear passenger. All other critical body areas were rated as good or adequate, both for the driver and rear passenger. In both the side barrier test and the more severe pole impact, protection of all critical body regions was good and the Espace scored maximum points in this part of the assessment. Limitation of occupant excursion - the extent to which the occupant is flung to the other side of the vehicle in a side impact - was rated as adequate. The Espace has a centre airbag as a counter-measure against occupant to occupant injuries in side impacts. In Euro NCAP's test, the airbag performed well, with good protection of the heads of the front seat occupants. Tests on the front seats and head restraints demonstrated good protection against whiplash injuries in the event of a rear-end collision. A geometric assessment of the rear seats also indicated good whiplash protection. The Espace has an advanced eCall system to alert the emergency services in the event of a collision and a system that automatically to avoid secondary collisions, although the latter was not assessed by Euro NCAP.

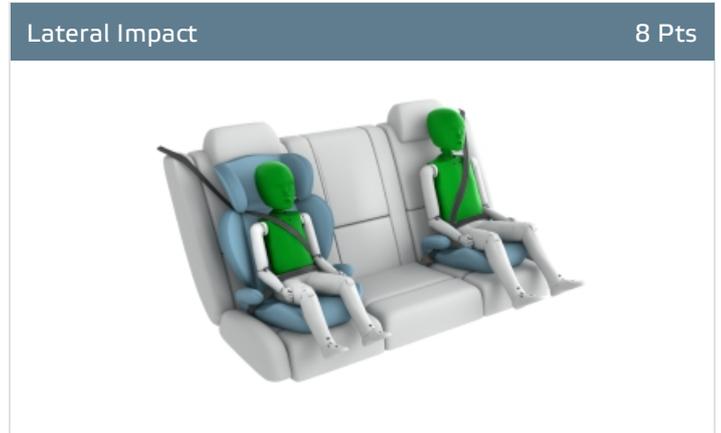
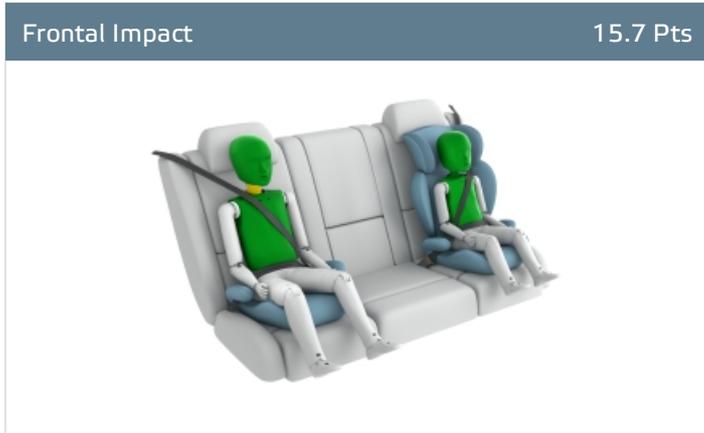
CHILD OCCUPANT

Total 41.2 Pts / 83%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Crash Test Performance based on 6 & 10 year old children

23.7 / 24 Pts



Restraint for 6 year old child: *Britax Römer KIDFIX i-Size*
 Restraint for 10 year old child: *Britax Römer KIDFIX 2R*

Safety Features

6.0 / 13 Pts

| | Front Passenger | 2nd row outboard | 2nd row center | 3rd row outboard |
|----------------|-----------------|------------------|----------------|------------------|
| Isofix | ○ | ● | ✘ | ✘ |
| i-Size | ○ | ● | ✘ | ✘ |
| Integrated CRS | ✘ | ✘ | ✘ | ✘ |

● Fitted to test car as standard
 ○ Not on test car but available as option
 ✘ Not available

CRS Installation Check

11.5 / 12 Pts

● Install without problem
 ● Install with care
 ● Safety critical problem
 ✗ Installation not allowed

■ i-Size CRS

| | | |
|---|---|--|
| <p>Maxi Cosi 2way Pearl & 2wayFix (i-Size)</p>  | <p>Maxi Cosi 2way Pearl & 2wayFix (i-Size)</p>  | <p>BeSafe iZi Kid X2 i-Size (i-Size)</p>  |
| <p>Britax Römer TriFix2 i-Size (i-Size)</p>  | <p>BeSafe iZi Flex FIX i-Size (i-Size)</p>  | |
| <p>BeSafe iZi Combi X4 ISOfix (ISOFIX)</p>  | <p>Cybex Solution Z i-Fix (ISOFIX)</p>  | |

 CHILD OCCUPANT

Total 41.2 Pts / 83%

■ Universal Belted CRS

Maxi Cosi Cabriofix (Belt)



Maxi Cosi Cabriofix & EasyFix (Belt)



Britax Römer King II LS (Belt)



Cybex Solution Z i-Fix (Belt)



Comments

The Austral provided good or adequate protection to all critical body areas of the 6 and 10 year dummies, both in the frontal offset test and the side barrier impact. The front passenger airbag can be disabled to allow a rearward-facing child restraint to be used in that seating position. Clear information is provided to the driver regarding the status of the airbag and the system was rewarded. The user manual precludes the use of universal child restraints on the rear centre seat. Otherwise, all of the child restraints for which the Austral is designed could be properly installed and accommodated in the car.

CHILD OCCUPANT

Total 41.2 Pts / 83%

| | Seat Position | | | | | |
|---|---------------|---------|--------|-------|---------|-------|
| | Front | 2nd row | | | 3rd row | |
| | PASSENGER | LEFT | CENTER | RIGHT | LEFT | RIGHT |
| Maxi Cosi 2way Pearl & 2wayFix (i-Size) | ● | ● | — | ● | — | — |
| Maxi Cosi 2way Pearl & 2wayFix (i-Size) | ● | ● | — | ● | — | — |
| BeSafe iZi Kid X2 i-Size (i-Size) | ● | ● | — | ● | — | — |
| Britax Römer TriFix2 i-Size (i-Size) | ● | ● | — | ● | — | — |
| BeSafe iZi Flex FIX i-Size (i-Size) | ● | ● | — | ● | — | — |
| BeSafe iZi Combi X4 ISOfix (ISOFIX) | ● | ● | — | ● | — | — |
| Cybex Solution Z i-Fix (ISOFIX) | ● | ● | — | ● | — | — |
| Maxi Cosi Cabriofix (Belt) | ● | ● | ● | ● | ● | ● |
| Maxi Cosi Cabriofix & EasyFix (Belt) | ● | ● | ✘ | ● | ● | ● |
| Britax Römer King II LS (Belt) | ● | ● | ● | ● | ● | ● |
| Cybex Solution Z i-Fix (Belt) | ● | ● | ● | ● | ● | ● |

● Easy ● Difficult ● Safety critical ✘ Not allowed — Not available

Comments

The Austral provided good or adequate protection to all critical body areas of the 6 and 10 year dummies, both in the frontal offset test and the side barrier impact. The front passenger airbag can be disabled to allow a rearward-facing child restraint to be used in that seating position. Clear information is provided to the driver regarding the status of the airbag and the system was rewarded. The user manual precludes the use of universal child restraints on the rear centre seat. Otherwise, all of the child restraints for which the Austral is designed could be properly installed and accommodated in the car.

VULNERABLE ROAD USERS

Total 37.7 Pts / 69%



VRU Impact Protection

22.8 / 36 Pts



| | |
|---------------|----------|
| Head Impact | 14.1 Pts |
| Pelvis Impact | 2.7 Pts |
| Leg Impact | 6.0 Pts |

Vulnerable Road Users

14.9 / 18 Pts

| | |
|------------------|---|
| System Name | Active Emergency Braking System |
| Type | Auto-Brake with Forward Collision Warning |
| Operational From | 8 km/h |

 VULNERABLE ROAD USERS

Total 37.7 Pts / 69%

AEB Pedestrian

 7.0 / 9 Pts

■ Day time

Vehicle reversing into standing pedestrian



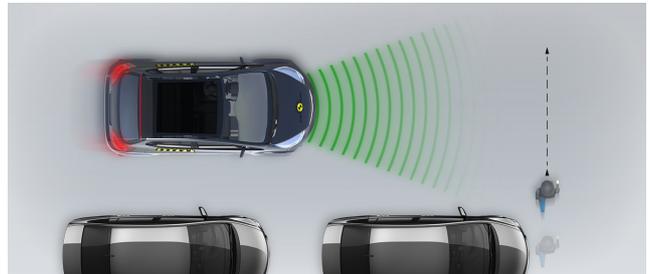
Pedestrian crossing a road into which a car is turning



Adult crossing the road



Child running from behind parked vehicles



Adult along the roadside

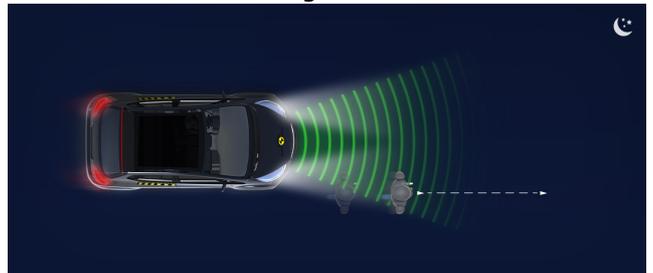


■ Night time

Adult crossing the road



Adult along the roadside

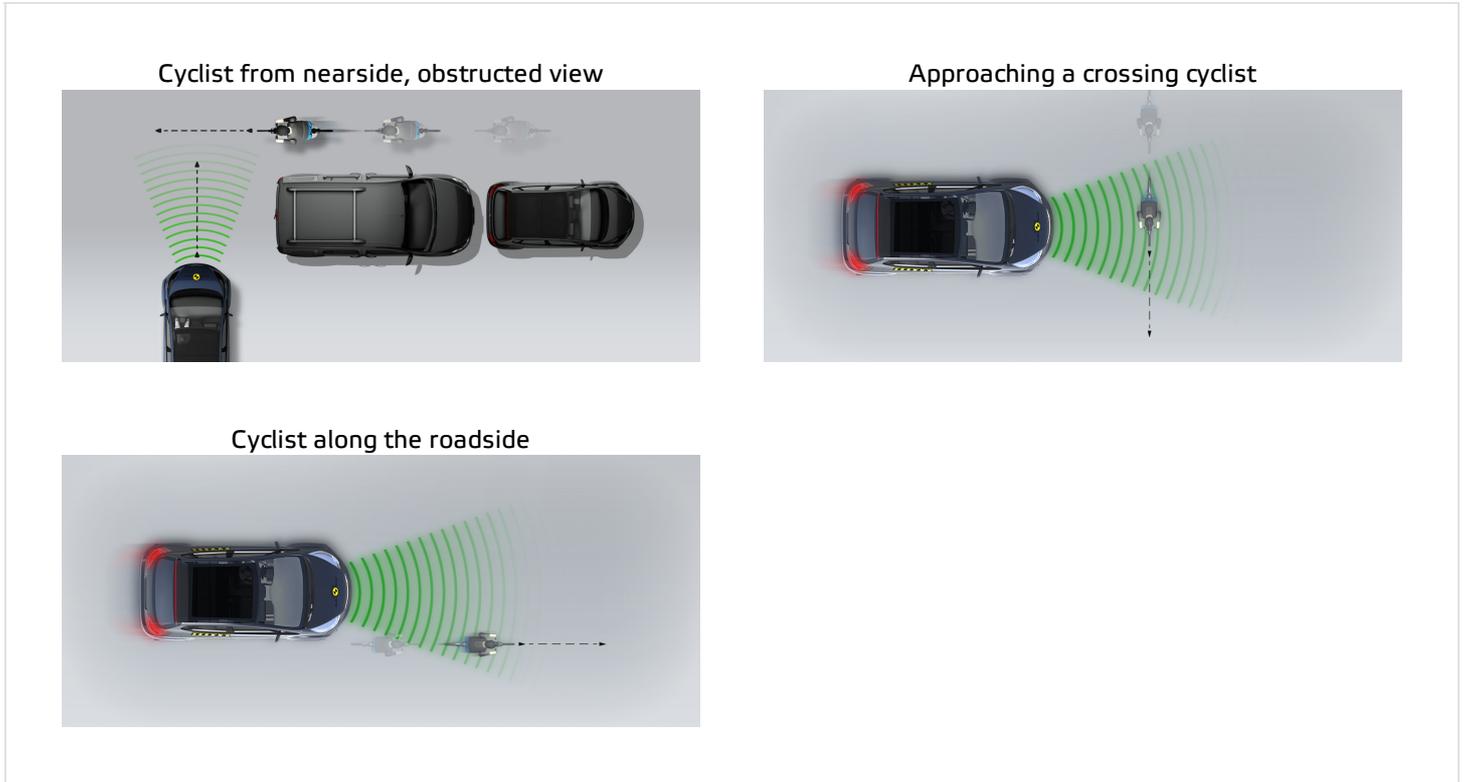


 **VULNERABLE ROAD USERS**

Total 37.7 Pts / 69%

AEB Cyclist

 **7.9 / 9 Pts**



Comments

The protection offered by the bonnet to the head of a struck pedestrian was predominantly good or adequate, with areas of weak and poor protection at the base of the windscreen and on the stiff windscreen pillars. The bumper provided good or adequate protection to pedestrians' legs at all test positions but protection of the pelvis was mixed. The Espace's autonomous emergency braking (AEB) system detects vulnerable road users like pedestrians and cyclists, as well as other vehicles. In tests of the system's response to such road-users, performance was rated as good, with collisions avoided or mitigated in most test scenarios.

SAFETY ASSIST

Total 13.1 Pts / 82%

■ GOOD ■ ADEQUATE ■ MARGINAL ■ WEAK ■ POOR

Speed Assistance ■ 2.4 / 3 Pts

| | |
|----------------------------------|------------------------------------|
| System Name | Speed Limiter |
| Speed Limit Information Function | Camera based, subsigns supported |
| Speed Limitation Function | System advised (accurate to 5km/h) |

Occupant Status Monitoring ■ 2.2 / 3 Pts

> Seatbelt Reminder ■ 1.2 / 2 Pts

| Applies To | Front and rear seats, including third row | | |
|--------------------|---|--------------------|-------------------|
| Warning | Driver Seat | Front Passenger(s) | Rear Passenger(s) |
| Visual | ● | ● | ● |
| Audible | ● | ● | ● |
| Occupant Detection | — | ● | ● |

● Pass ● Fail — Not available

> Driver Monitoring ■ 1.0 / 1 Pts

| | |
|------------------|------------------------|
| System Name | Driver Attention Alert |
| Type | steering input |
| Operational From | 60 km/h |



SAFETY ASSIST

Total 13.1 Pts / 82%

Lane Support

3.0 / 4 Pts

| | | |
|-------------------------|------------------|----------|
| System Name | Lane Keep Assist | |
| Type | LKA and ELK | |
| Operational From | 65 km/h | |
| PERFORMANCE | | |
| Emergency Lane Keeping | | ADEQUATE |
| Lane Keep Assist | | GOOD |
| Human Machine Interface | | GOOD |

AEB Car-to-Car

5.5 / 6 Pts

| | | |
|------------------|--|--|
| System Name | Active Emergency Braking System | |
| Type | Autonomous emergency braking and forward collision warning | |
| Operational From | 7 km/h | |
| Sensor Used | camera and radar | |

 SAFETY ASSIST

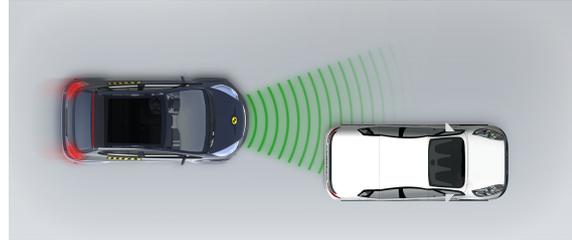
Total 13.1 Pts / 82%

■ Autobrake function only

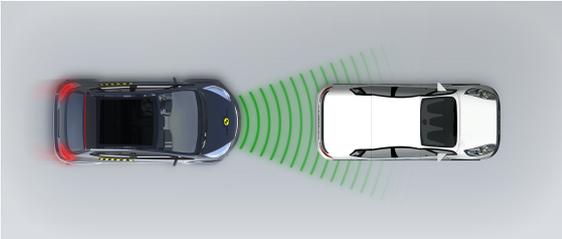
Car turning across the path of an oncoming car



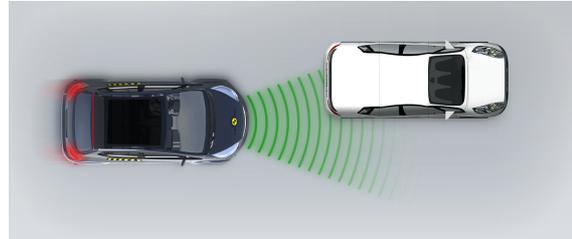
Approaching a stationary car



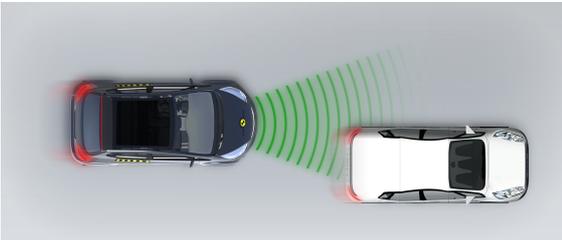
Approaching a stationary car



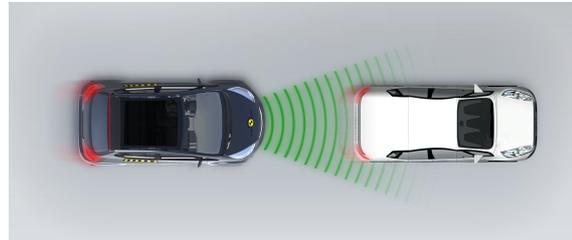
Approaching a stationary car



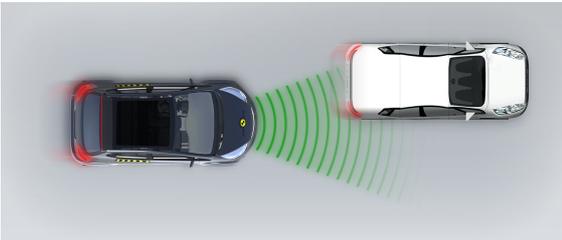
Approaching a slower moving car



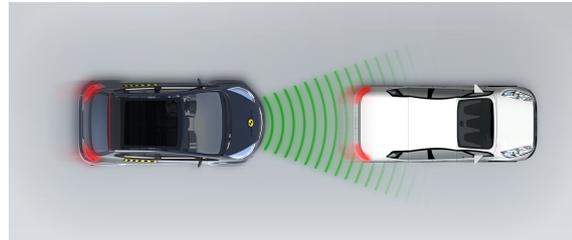
Approaching a slower moving car



Approaching a slower moving car



Approaching a braking car

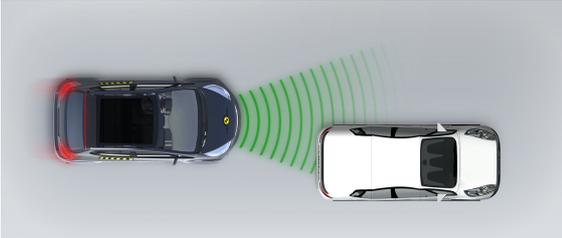


 SAFETY ASSIST

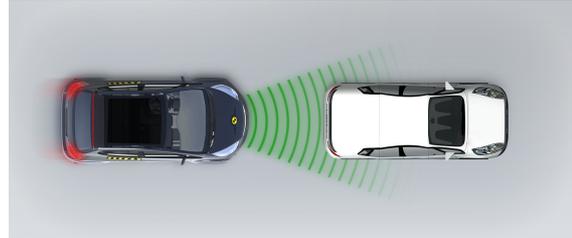
Total 13.1 Pts / 82%

■ Driver reacts to warning

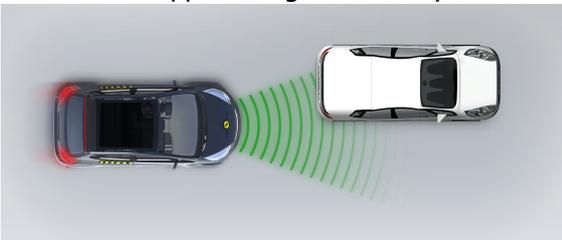
Approaching a stationary car



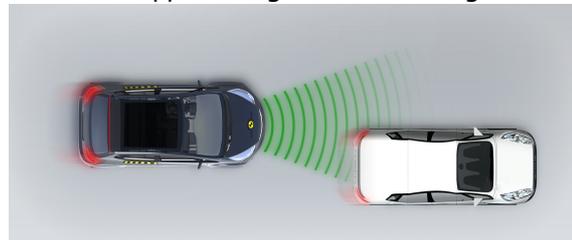
Approaching a stationary car



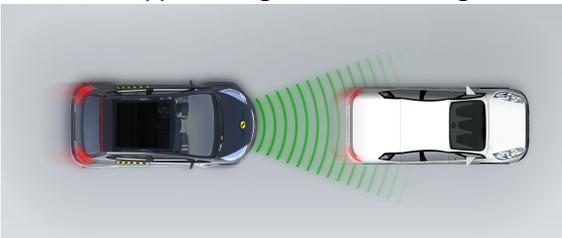
Approaching a stationary car



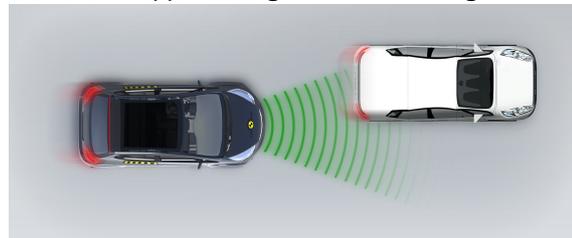
Approaching a slower moving car



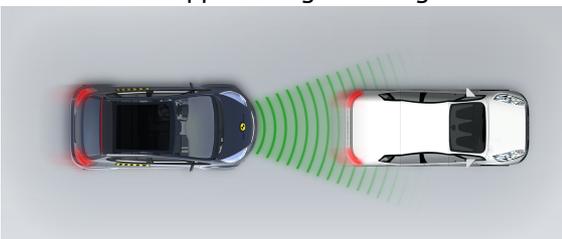
Approaching a slower moving car



Approaching a slower moving car



Approaching a braking car





SAFETY ASSIST

Total 13.1 Pts / 82%

Comments

The Espace's autonomous emergency braking (AEB) system performed well in tests of its reaction to other vehicles, with impacts avoided in most test cases. A seatbelt reminder system, including occupant detection, is standard for all seats and the Espace is also equipped with a driver monitoring system, which monitors steering inputs for patterns which are characteristic of a fatigued or inattentive driver. Lane assistance corrects the car's path if it is drifting out of lane and which also intervenes in some more critical situations. A camera based speed assistance system recognises local speed limits, allowing the speed limiter to be set appropriately.

RATING VALIDITY

Variants of Model Range

| Body Type | Engine & Transmission | Drivetrain | Rating Applies | |
|------------|-----------------------------|------------|----------------|-----|
| | | | LHD | RHD |
| 5 door MPV | 1,2 Tce E-Tech 200 Hybrid * | 4 x 2 | ✓ | ✓ |

* Tested variant and Renault Austral 1,3 Tce, LHD

Annual Reviews and Facelifts

| Date | Event | Outcome |
|-----------|------------------|------------------|
| July 2024 | Rating Published | 2022 ★ ★ ★ ★ ★ ✓ |