



Renault Espace
Large MPV

2015



Adult Occupant



82%

Child Occupant



89%

Pedestrian



70%

Safety Assist



80%

SPECIFICATION

| | |
|-------------------------------|--|
| Tested Model | Renault Espace |
| Body Type | 5 door MPV |
| Year Of Publication | 2015 |
| Kerb Weight | 1671kg |
| VIN From Which Rating Applies | applies to all Espaces of the specification tested |
| Class | Large MPV |

SAFETY EQUIPMENT

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

SAFETY EQUIPMENT (NEXT)

| | Driver | Passenger | Rear |
|-----------------------|--------|-----------|------|
| CHILD PROTECTION | | | |
| Isofix | — | ✗ | ● |
| Integrated CRS | — | ✗ | ✗ |
| Airbag cut-off switch | — | ● | — |
| SAFETY ASSIST | | | |
| Seat Belt Reminder | ● | ● | ● |

| OTHER SYSTEMS | |
|-------------------------|---|
| Active Bonnet (Hood) | ✗ |
| ESC | ● |
| AEB City | ✗ |
| AEB Inter-Urban | ○ |
| Speed Assistance System | ○ |
| Lane Assist System | ○ |

The Safety Equipment includes those items relevant for the year of assessment

- Fitted to test car as standard
 ○ Fitted to test car as option
 — Not applicable
 ✗ Not available
○ Not fitted to test car but available as option

ADULT OCCUPANT

Total 31.4 Pts / 82%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Frontal Offset Deformable Barrier 6.7 Pts

Passenger Driver

Frontal Full Width 7.9 Pts

Rear Passenger Driver

Whiplash Rear Impact 2.2 Pts

Front seat Rear seat

Lateral Impact 14.6 Pts

Car Pole

AEB City 0

Performance:

 ADULT OCCUPANT

Total 31.4 Pts / 82%

Comments on Adult Occupant

The passenger compartment of the Espace remained stable in the frontal offset test. Dummy readings indicated good protection of the knees and femurs of the driver and passenger. Renault showed that a similar level of protection would be provided on the driver's side to occupants of different sizes and to those sat in different positions. However, on the passenger side, structures in the dashboard presented a risk of injury and the car was penalised. In the full-width rigid wall test, all critical body areas were well protected for the driver and protection of the rear seat occupant was good or adequate. In the side impact barrier test, dummy readings showed good protection of all critical body areas. However, the rear driver's side door opened during the test, presenting a risk of ejection for those in the vehicle and the score was penalised. In the more severe side pole impact, dummy readings of rib compression indicated a marginal level of protection for the chest but protection of other parts of the body was good. Tests on the front seats and head restraints indicated good protection against whiplash injuries in the event of a rear-end collision. A geometric assessment of the rear seats indicated marginal whiplash protection. The Espace's autonomous emergency braking system operates from 30km/h upwards so did not qualify for an assessment of its whiplash protection.

CHILD OCCUPANT

Total 44 Pts / 89%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Crash Test Performance

24 Pts

18 months old child 12 Pts

Tested restraint (Fit):
Britax-Römer Babysafe

■ Good

36 months old child 12 Pts

Tested restraint (Fit):
iZi Combi X3 Besafe

■

Safety Features

8 Pts

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

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

CRS Installation Check

12 Pts

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

■ **Infants up to 13 kg**



CHILD OCCUPANT

Total 44 Pts / 89%

■ **Infants and toddlers up to 18 kg**

BeSafe iZi Kid X3 ISOFix (ISOFIX)



■ **Toddlers from 9 to 18 kg**

Römer King Plus (Belt)



Römer Duo Plus (ISOFIX)



Maxi Cosi Pearl & Familyfix (ISOFIX)



■ **Toddlers over 18 kg**

Römer KidFix (Belt)



Römer KidFix (ISOFIX)



CHILD OCCUPANT

Total 44 Pts / 89%

| | Seat Position | | | | | |
|--|---------------|---------|--------|-------|---------|-------|
| | Front | 2nd row | | | 3rd row | |
| | PASSENGER | LEFT | CENTER | RIGHT | LEFT | RIGHT |
| Maxi Cosi Cabriofix (Belt) | ● | ● | ● | ● | ● | ● |
| Römer King Plus (Belt) | ● | ● | ● | ● | ● | ● |
| Römer Duo Plus (ISOFIX) | ✘ | ● | ● | ● | ✘ | ✘ |
| Römer KidFix (Belt) | ● | ● | ● | ● | ● | ● |
| Maxi Cosi Cabriofix & EasyFix (Belt) | ✘ | ● | ● | ● | ✘ | ✘ |
| Maxi Cosi Cabriofix & EasyFix (ISOFIX) | ✘ | ● | ● | ● | ✘ | ✘ |
| BeSafe iZi Kid X3 ISOfix (ISOFIX) | ✘ | ● | ● | ● | ✘ | ✘ |
| Maxi Cosi Pearl & Familyfix (ISOFIX) | ✘ | ● | ● | ● | ✘ | ✘ |
| Römer KidFix (ISOFIX) | ✘ | ● | ● | ● | ✘ | ✘ |

● Install without problem
 ● install with care
 ● safety critical problem
 ✘ Installation not allowed


Comments on Child Occupant

Both child dummies were sat in rearward-facing restraints and the Espace scored maximum points for its protection of the 1½ and 3 year infants in the dynamic tests. In the side impact, both dummies were properly contained within the protective shells of their restraints, minimising the likelihood of head contact with parts of the vehicle interior. The front passenger airbag can be disabled to allow a rearward-facing 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. All of the restraint types for which the Espace is designed could be properly installed and accommodated in the vehicle.

 PEDESTRIAN PROTECTION

Total 25.4 Pts / 70%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

| | | | | | | | |
|---|---|-------------|----------|---------------|-------|------------|-------|
| Pedestrian Protection | 25.4 Pts | | | | | | |
|  | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Head Impact</td> <td style="text-align: right; padding: 5px;">13.4 Pts</td> </tr> <tr> <td style="padding: 5px;">Pelvis Impact</td> <td style="text-align: right; padding: 5px;">6 Pts</td> </tr> <tr> <td style="padding: 5px;">Leg Impact</td> <td style="text-align: right; padding: 5px;">6 Pts</td> </tr> </table> | Head Impact | 13.4 Pts | Pelvis Impact | 6 Pts | Leg Impact | 6 Pts |
| Head Impact | 13.4 Pts | | | | | | |
| Pelvis Impact | 6 Pts | | | | | | |
| Leg Impact | 6 Pts | | | | | | |

Comments on Pedestrian

The bumper provided predominantly good protection to pedestrians' legs and scored maximum points for its protection of the pelvis area. The bonnet surface showed adequate protection to the head of a struck pedestrian in most areas with some good performance towards the centre and poor results only on the stiff windscreen pillars.

SAFETY ASSIST

Total 10.5 Pts / 80%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Speed Assistance

3 Pts

| | |
|----------------------------------|------------------------------|
| System Name | Over Speed Prevention System |
| Speed Limit Information Function | Camera & Map |
| Warning Function | System advised |
| Speed Limitation Function | System advised |

Electronic Stability Control

3 Pts

| | | |
|-------------------------------------|--------|------------------------|
| System Name | ESP | |
| PERFORMANCE | | |
| Vehicle Yaw Rate @ COS + 1.00 s | 8.7% | meets ECE requirements |
| Vehicle Yaw Rate @ COS + 1.75 s | 5.4% | meets ECE requirements |
| Lateral Displacement @ BOS + 1.07 s | 3.05 m | meets ECE requirements |

Seat Belt Reminder

3 Pts

| | | | |
|------------|-------------|--------------------|-------------------|
| Applies To | All seats | | |
| Warning | Driver Seat | front passenger(s) | rear passenger(s) |
| Visual | ● | ● | ● |
| Audible | ● | ● | ● |

● Pass
 ● Fail
 — Not available

Lane Support

1 Pts


| | |
|-----------------------|--------------------------|
| System Name | Lane Departure Warning |
| Type | Lane Departure Warning |
| Operational From | 70 |
| Warning | Audible & Visual |
| PERFORMANCE | |
| LDW Confirmation Test | Meets NHTSA requirements |

 SAFETY ASSIST

Total 10.5 Pts / 80%

AEB Interurban

0.5 Pts

| | | |
|---|--|--|
| Type | Forward Collision Warning with Auto-Brake | |
| Operational From | 30 Km/h | |
| Additional Information | Default On | |
| PERFORMANCE  | | |
| Operational Speed | 30-140 Km/h | 30-140 Km/h |
| | Autobrake Function Only | Driver reacts to warning |
| Approaching a stationary car | — | Crash avoided up to 0km/h. Crash speed reduced up to 0km/h. |
| | Crash avoided up to 0km/h. Crash speed reduced up to 0km/h. | Crash avoided up to 50km/h. Crash speed reduced up to 80km/h. |
| FOLLOWING A CAR AT SHORT DISTANCE | | |
| Car in front brakes gently | Mitigation | Mitigation |
| Car in front brakes harshly | Mitigation | Mitigation |
| FOLLOWING A CAR AT LONG DISTANCE | | |
| Car in front brakes gently | Mitigation | Mitigation |
| Car in front brakes harshly | Mitigation | Mitigation |

Comments on Safety Assist

Electronic stability control is standard equipment, along with a seatbelt reminder system for the front and rear seats. The optional 'Over-Speed Protection System' uses a forward-looking camera to recognise speed signs. The information is presented to the driver who can decide whether or not to allow the car to be limited to that maximum speed. The system met Euro NCAP's requirements for such intelligent speed assistance and was given maximum points. An autonomous emergency braking system is also an option that is expected to be fitted to most cars sold. The system operates between 30 and 140km/h and gave marginal performance in Euro NCAP's tests. A lane departure warning system is also available as an option and met Euro NCAP's requirements.