



Kia Picanto
Standard Safety Equipment

2017



Adult Occupant



79%

Child Occupant



64%

Pedestrian



54%

Safety Assist



25%

SPECIFICATION

Tested Model	Kia Picanto 1.0 GLS, LHD
Body Type	- 5 door hatchback
Year Of Publication	2017
Kerb Weight	899kg
VIN From Which Rating Applies	- all Picantos
Class	Supermini

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	●	●	✘

Version 230817

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)	✗
AEB City	○
AEB Inter-Urban	○
Speed Assistance System	○
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 30.3 Pts / 79%

 GOOD  ADEQUATE  MARGINAL  WEAK  POOR

Frontal Offset Deformable Barrier 6.6 Pts




Passenger Driver

Frontal Full Width 6.5 Pts




Rear Passenger Driver

Whiplash Rear Impact 1.7 Pts




Front seat Rear seat

Lateral Impact 15.5 Pts



Car Pole

AEB City 0

Performance: 

 ADULT OCCUPANT

Total 30.3 Pts / 79%

Comments

The passenger compartment remained stable in the frontal offset test. Dummy readings indicated good protection of the knees and femurs of the driver and passenger. Kia showed that a similar level of protection would be provided to occupants of different sizes and to those sat in different positions. Protection of the driver's chest was rated as marginal, based on readings of rib compression. In the full-width rigid barrier test, high decelerations indicated weak protection of the rear passenger's head and marginal protection of the chest. Protection of the driver was good or adequate. In both the side barrier test and the more severe side pole impact, the Picanto scored maximum points with good protection of all critical body areas. Tests on the front seats and head restraints demonstrated marginal protection against whiplash injuries in the event of a rear-end collision. A geometric assessment of the rear seats also indicated marginal whiplash protection. An autonomous emergency braking system is available as part of the optional safety pack but its performance is not included as part of this rating.

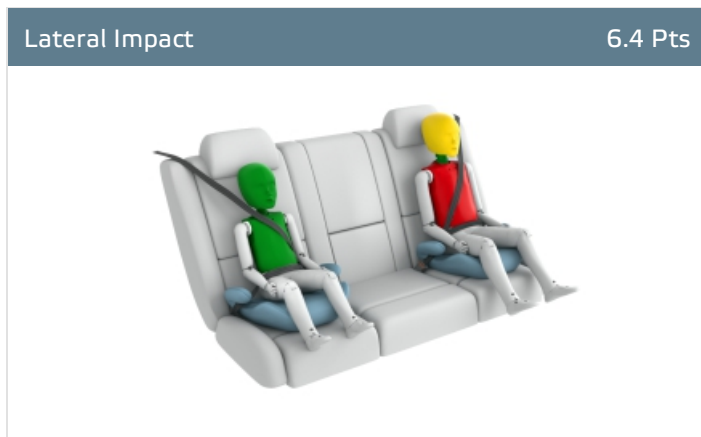
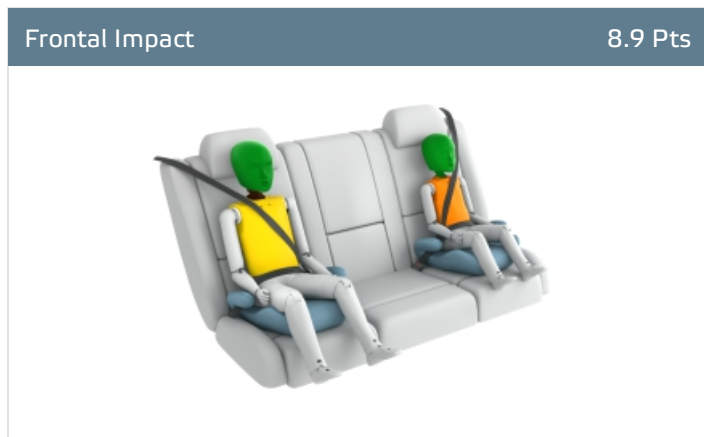
CHILD OCCUPANT

Total 31.6 Pts / 64%

GOOD ADEQUATE MARGINAL WEAK POOR

Crash Test Performance based on 6 & 10 year old children

15.3 Pts



Restraint for 6 year old child: *Römer KidFix II XP*
 Restraint for 10 year old child: *Graco Junior III*

Safety Features

5 Pts

	Front Passenger	2nd row outboard	2nd 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

11.3 Pts

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

■ i-Size CRS



CHILD OCCUPANT

Total 31.6 Pts / 64%

ISOFIX CRS

Maxi Cosi Cabriofix & FamilyFix (ISOFIX)



BeSafe iZi Kid X4 ISOfix (ISOFIX)



Römer Duo Plus (ISOFIX)



Römer KidFix XP (ISOFIX)



Universal Belted CRS

Maxi Cosi Cabriofix (Belt)



Maxi Cosi Cabriofix & EasyBase2 (Belt)



Römer King II LS (Belt)



Römer KidFix XP (Belt)



CHILD OCCUPANT

Total 31.6 Pts / 64%

	Seat Position			
	Front	2nd row		
	PASSENGER	LEFT	CENTER	RIGHT
Maxi Cosi 2way Pearl & 2wayFix (rearward) (iSize)	□	●	□	●
Maxi Cosi 2way Pearl & 2wayFix (forward) (iSize)	□	●	□	●
BeSafe iZi Kid X2 i-Size (iSize)	□	●	□	●
Maxi Cosi Cabriofix & FamilyFix (ISOFIX)	□	●	□	●
BeSafe iZi Kid X4 ISOfix (ISOFIX)	□	●	□	●
Römer Duo Plus (ISOFIX)	□	●	□	●
Römer KidFix XP (ISOFIX)	□	●	□	●
Maxi Cosi Cabriofix (Belt)	●	●	●	●
Maxi Cosi Cabriofix & EasyBase2 (Belt)	●	●	✘	●
Römer King II LS (Belt)	●	●	●	●
Römer KidFix XP (Belt)	●	●	●	●

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

Comments

In the frontal offset test, dummy readings of neck tension indicated weak protection of this part of the body for the 10 year dummy. Chest protection for the 6 year dummy was rated as marginal. In the side barrier test, protection of the 6 year dummy was good. However, protection of the chest was poor for the 10 year dummy, sat on the struck side of the car and the head made contact with the vehicle interior. 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 rear centre seat cannot accommodate universal child restraints which make use of the seatbelt. Otherwise, restraints could be properly installed and accommodated by the car.

PEDESTRIAN PROTECTION

Total 22.8 Pts / 54%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Pedestrian Protection	22.8 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;">13.8 Pts</td> </tr> <tr> <td style="padding: 5px;">Pelvis Impact</td> <td style="text-align: right; padding: 5px;">3 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	13.8 Pts	Pelvis Impact	3 Pts	Leg Impact	6 Pts
Head Impact	13.8 Pts						
Pelvis Impact	3 Pts						
Leg Impact	6 Pts						

AEB Pedestrian	0 Pts
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Comments

Protection of the head of a struck was predominantly marginal or weak over the bonnet surface, with poor results recorded on the stiff windscreen pillars. The bumper provided good protection to pedestrians' legs but protection of the pelvis was mixed, with good and poor test results.

 SAFETY ASSIST

Total 3 Pts / 25%

GOOD
 ADEQUATE
 MARGINAL
 WEAK
 POOR

Speed Assistance

0 Pts

Seat Belt Reminder

3 Pts

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

● Pass
 ● Fail
 — Not available

Lane Support

0 Pts

Operational From	0 km/h
PERFORMANCE	
LDW Confirmation Test	Fail



SAFETY ASSIST

Total 3 Pts / 25%

Comments

As standard, the Picanto has a seatbelt reminder for the front and rear seats. The autonomous emergency braking system is part of the optional safety pack and its assessment is not included in this rating.

RATING VALIDITY

Variants of Model Range

Body Type	Engine & Transmission	Drivetrain	Rating Applies	
			LHD	RHD
5 door hatchback	1.0 petrol*	4 x 2	✓	✓
5 door hatchback	1.2 petrol	4 x 2	✓	✓
5 door hatchback	1.0 T-GDI	4 x 2	✓	✓

* Tested variant

Annual Reviews and Facelifts

Date
Event
Outcome
September 2017
Rating Published

2017
✓