

Kia Picanto / Morning + 1 Airbag



ADULT OCCUPANT	0 %
CHILD OCCUPANT	29 %
PEDESTRIAN PROTECTION	51 %
SAFETY ASSIST	7 %

SPECIFICATIONS

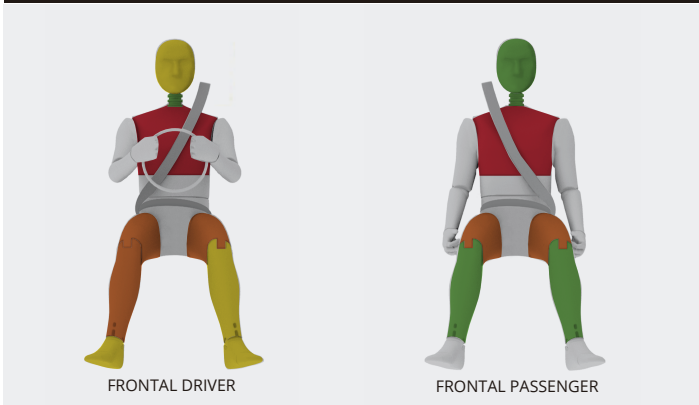
Tested model	Kia Picanto / Morning
Body type	5 door Hatchback
Year of publication	2020
Crash test weight (KG)	1142
Made in	Korea
Test valid for	Latin NCAP market

SAFETY EQUIPMENT

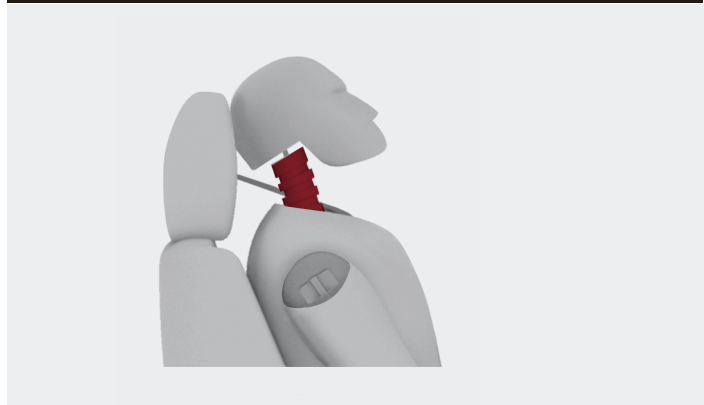
	DRIVER	PASSENGER	REAR
<b>FRONTAL CRASH PROTECTION</b>			
Frontal airbag	YES STANDARD	NO-JUST OPTIONAL	NOT APPLICABLE
Belt pretensioner	YES STANDARD	YES STANDARD	NOT AVAILABLE
Belt Loadlimiter	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
knee airbag	NOT AVAILABLE	NOT AVAILABLE	NOT APPLICABLE
<b>SIDE CRASH PROTECTION</b>			
Side head curtain airbag	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
Side head (thorax head) airbag	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
Side Chest airbag	NO-JUST OPTIONAL	NO-JUST OPTIONAL	NOT AVAILABLE
Side pelvis airbag	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
<b>CHILD PROTECTION</b>			
ISOFIX	NOT APPLICABLE	NOT AVAILABLE	NO-JUST OPTIONAL
Integrated CRS	NOT APPLICABLE	NOT AVAILABLE	NOT AVAILABLE
Airbag cut-off switch	NOT AVAILABLE	NOT AVAILABLE	NOT APPLICABLE
<b>SAFETY ASSIST</b>			
Seat Belt Reminder (SBR)	YES STANDARD	NOT AVAILABLE	NOT AVAILABLE
<b>OTHER SAFETY SYSTEMS</b>			
ESC standard	NO-JUST OPTIONAL		
GTR 9 - UN 127 Pedestrian protection	NOT AVAILABLE		
AEB Pedestrian	NOT AVAILABLE		
AEB City	NOT AVAILABLE		
AEB inter-Urban	NOT AVAILABLE		
Speed Assist System	NOT AVAILABLE		
Lane Assist system	NOT AVAILABLE		



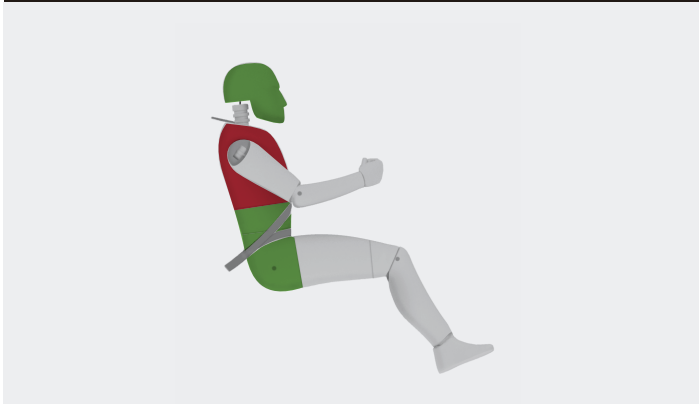
## FRONTAL OFFSET DEFORMABLE BARRIER 0 / 8 p



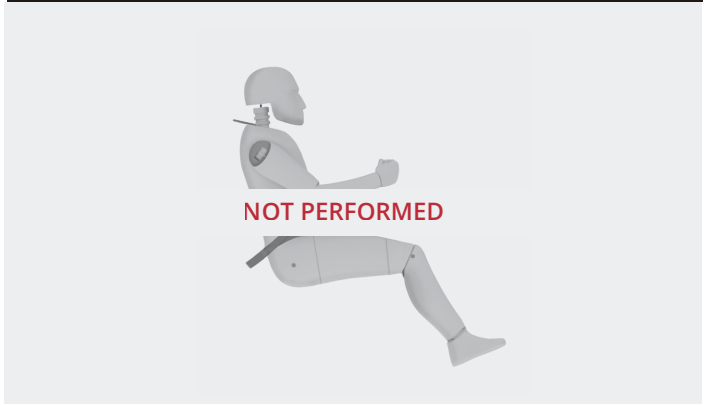
## WHIPLASH REAR IMPACT 0,545 / 3 p



## SIDE MOVABLE DEFORMABLE BARRIER TEST (car) 0 / 8 p



## SIDE POLE IMPACT TEST (Pole) 0 / 8 p



PROTECTION ■ GOOD ■ ADEQUATE ■ MARGINAL ■ WEAK ■ POOR

UN R32 (max 1 point)	1
AEB City (max 3 points)	0
Rescue Sheet (max 1 point)	0

FUEL LEAKAGE DETECTED IN ANY TEST CONFIGURATION NO

Adult Occupant

0.0 points 0 %

### COMMENTS

Adult occupant: **Frontal impact:** The protection offered to the driver head was adequate and passenger's head, as well as Driver and passenger necks was good. Driver and passenger chest showed poor protection and brings the score of the frontal crash to zero. Driver and passenger's knees showed marginal protection as they can impact with dangerous structures behind the fascia. Driver tibias showed marginal and adequate protection, and passenger's tibias showed good protection. Footwell area was rated as unstable. The bodyshell was rated as unstable and it is not capable of withstanding further loadings. **Side impact:** Head, abdomen and pelvis protection was good, but chest protection was poor bringing the side impact score to zero. **Side Pole Impact:** was not performed as the car does not offer side head protection as standard. **Whiplash:** poor dynamic score lead to poor whiplash score. **UN R32:** the car meets the rear impact structure requirements. **AEB City:** as the car does not offer ESC as standard and also as it did not reach minimum score in this box and AEB not being available at all, AEB points were not considered. **Rescue sheet:** not available



# CHILD OCCUPANT

Crash Test performance based on 3 and 1.5 years old children

14.32 points 29.23 %

## CHILD RESTRAINT SYSTEM

Dynamic score:  
10.84 (max 24)

Installation score:  
3.48 (max 12)

Vehicle assessment score:  
0.00 (max 13)

	CHILD RESTRAINT	DYNAMIC SCORE	CRS TYPE	ADJUST	POSITION
18 month old child	Britax Roemer Baby Safe	Frontal 6.84 (8 max) Side 4.00 (4 max)	0+/I	Belted	RWF
3 year old child	Britax Roemer Duo Plus	Frontal 0.00 (8 max) Side 0.00 (4 max)	0+/I	Belted	FWF

	Front Passenger	2nd row outboard	2nd row centre
ISOFIX	NOT AVAILABLE	NO-JUST OPTIONAL	NOT AVAILABLE
I-Size	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
Integrated CRS	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

## CRS INSTALLATION ASSESSMENT

REFERENCE LIST		2ND ROW			
		RIGHT	LEFT	CENTER	RIGHT
Group 0+	Peg Perego Viaggio Switchable	✗	●	✗	●
Group 0+	Roemer Baby Safe	✗	✗	○	✗
Group 0+	Bébé Confort Streety Fix / Maxi Cosi Citi SPS	✗	●	✗	●
Group I	Peg Perego Viaggio Switchable FWF	●	●	✗	●
Group I	Graco Cadeira Nautilus FWF	●	●	✗	●
Group II/III	Burigotto Multipla 1,2,3	●	●	✗	●
Group II/III	Graco Cadeira Nautilus	●	●	✗	●
MANUFACTURER		RIGHT	LEFT	CENTER	RIGHT
Q1.5	Römer BabySafe	✗	●	✗	●
Q3	Römer Duo Plus	●	●	✗	●

● Pass

✗ Fail

○ Exempt

\*Fail only due to failed marking



Child Occupant

14.32 points 29.23%



## COMMENTS

Child occupant: -The child seat for the 3-year-old child was installed forward facing using Adult seatbelt and was not capable of preventing excessive forward movement of the head. Neck protection was poor and chest showed low protection during the frontal impact. The risk of ejection present decreased the dynamic performance score. The Q1.5 was installed rearward facing using adult seatbelt while it offered good protection to the head, chest showed limited protection. Side impact: Both dummies showed good protection. Some of the CRSs that were assessed for installation passed. The marking and instructions in the car in relation to CRS use does not meet Latin NCAP requirements. ISOFIX is not present in the car as standard. The car does Not offer standard 3 point belts in all eating positions. It is not possible to disable the passenger airbag in frontal double airbag versions in case a rearward facing CRS is installed in the frontal rearward facing.



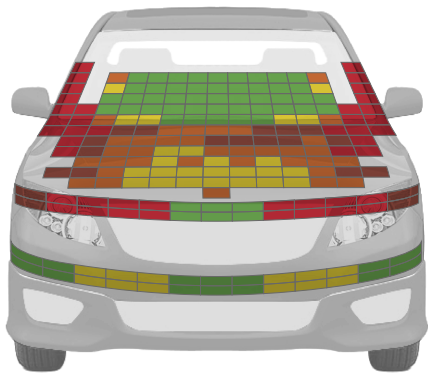
## PEDESTRIAN PROTECTION (pasive)

24.59 points

The car does not meet regulation UN 127 for pedestrian protection

Balance factor for Pedestrian protection (until 2021)

15%



	Points	max score
Head impact	13.82	24
Upper Leg impact (Pelvis)	1.99	6
Low Leg impact (Leg)	5.57	6

## AEB PEDESTRIAN

0.00 points

Balance factor for Pedestrian protection (until 2021)

15%

Name of System	NOT AVAILABLE
speed range Minimum (km/h)	
speed range Maximum (km/h)	
Type of dummy used	
Dummy speed	
Obstruction scenario used	

## PERFORMANCE

Test Speed (km/h)	Test Speed (km/h)	CONTACT AVOIDED?
20km/h to 30km/h	—	—
30km/h to 40km/h	—	—
More than 40km/h	—	—

● Pass

✗ Fail

— NOT AVAILABLE



PEDESTRIAN PROTECTION

24.59 points 51.23 %

## COMMENTS

**PEDESTRIAN PROTECTON:** The car does not meet Pedestrian protection UN regulations. The car showed majority of areas with mid to low protection levels.

**AEB VRU:** the car does not have ESC as standard, it does not offer AEB VRU not even as optional.



**SPEED ASSISTANCE** **0.00 points**  
*(this feature scores only if it is standard in all versions)*

Warning	Driver	Passenger	Rear Passenger
Visual	✓	✗	✗
Audible	✓	✗	✗

**SEAT BELT REMINDER** **3.00 points**  
*(this feature scores only if it is standard in all versions)*

**LANE SUPPORT SYSTEMS** **0.00 points**

LDW is not available  
LKA is not available

System Name	-
Functionality	-
Operational from (km/h)	-
Warning	-

**PERFORMANCE**

LKA Test	-
LDW Test	-

**ROAD EDGE DETECTION** (this feature scores only if it meets the fittment rates required) **0,00 points**

Not Available

**BLIND SPOT DETECTION** (this feature scores only if it meets the fittment rates required) **0,00 points**

Not Available

**ESC** **0,00 points**

ESC is not available or is not standard in all versions

**MOOSE TEST - for information only - no scoring**

**ADAC MOOSE TEST**

Max Speed Achieved in test without failures (km/h)	-
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**MOOSE Test - Consumer test Based - SWEDEN**

Max Speed Achieved in test without failures (km/h)	-
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**AEB Interurban** **0,00 points**

System Name	-
Functionality	-
Operational from (km/h)	-

**PERFORMANCE**

	AEB		Driver Reacts to warning	
Operational Speed (km/h) Min   Max	-	-	-	-
Approaching a slower moving car	-	-	-	-

**FOLLOWING A CAR AT SHORT DISTANCE**

	AEB	Driver Reacts to warning
Car in front brakes gently	-	-
Car in front brakes harshly	-	-

**FOLLOWING A CAR AT LONG DISTANCE**

	AEB	Driver Reacts to warning
Car in front brakes gently	-	-
Car in front brakes harshly	-	-



**COMMENTS**

ESC: The car does not offer ESC as standard, and ABS is also NOT standard. SBR: the car offers only driver SBR. SAS: the car does not offer a speed limitation device. BSD: The car does not offer BSD. LSS and RED: the car does not have standard ESC and RED is not optional. AEB Interurban: the car does not have standard ESC and AEB is not available even as optional. AEB, LSS, BSD SA are not even optional for this model.

