

TEST RESULTS

Kia Picanto

Kia Picanto 1.0 LX, LHD

2011



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

ADULT OCCUPANT

Total 31 pts | 86%

FRONTAL IMPACT

15,1 pts



Driver



Passenger

SIDE IMPACT CAR

7,1 pts

SIDE IMPACT POLE

6,4 pts



Car



Pole

REAR IMPACT (WHIPLASH)

2,2 pts



FRONTAL IMPACT

HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

CHEST

Passenger compartment	stable
Windscreen Pillar rearward	11mm
Steering wheel rearward	none
Steering wheel upward	6mm
Chest contact with steering wheel	none

UPPER LEGS, KNEES AND PELVIS

Stiff structures in dashboard	none
Concentrated loads on knees	none

LOWER LEGS AND FEET

Footwell Collapse	none
Rearward pedal movement	clutch - 104mm
Upward pedal movement	clutch - 54mm

SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH

Seat description	Standard cloth, 2 way manual
Head restraint type	Passive
Geometric assessment	0,7 pts

TESTS

- High severity	1,9 pts
- Medium severity	1,7 pts
- Low severity	1,9 pts

TEST RESULTS

CHILD OCCUPANT

Total 40 pts | 83%

18 MONTH OLD CHILD

Restraint Britax Romer Baby Safe ISOFIX plus
Group 0+
Facing rearward
Installation ISOFIX anchorages and support frame



PERFORMANCE 11,9 pts
INSTRUCTIONS 4 pts
INSTALLATION 2 pts

FRONTAL IMPACT

Head forward movement protected
Head acceleration good
Chest load good

SIDE IMPACT

Head containment protected
Head acceleration good

3 YEAR OLD CHILD

Restraint Britax Roemer Duo ISOFIX plus
Group 0, 1
Facing forward
Installation ISOFIX anchorages and top tether



PERFORMANCE 9,6 pts
INSTRUCTIONS 4 pts
INSTALLATION 2 pts

FRONTAL IMPACT

Head forward movement protected
Head acceleration good
Chest load fair

SIDE IMPACT

Head containment protected
Head acceleration good

VEHICLE BASED ASSESSMENT

7 pts

Airbag warning Label

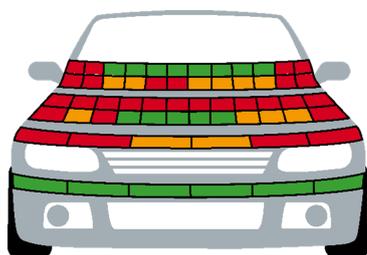
Text and pictogram warning label permanently attached to the passenger sun visor

PEDESTRIAN

Total 17 pts | 47%

SAFETY ASSIST

Total 3 pts | 43%



GOOD (Green)
MARGINAL (Yellow)
POOR (Red)

HEAD 9,2 pts
PELVIS 1,5 pts
LEG 6 pts

SPEED LIMITATION ASSISTANCE 0 pts
 Not assessed

ELECTRONIC STABILITY CONTROL (ESC) 0 pts
 Not assessed

Yaw rate ratio (1.00s) %
 Yaw rate ratio (1.75s) %
 Lateral displacement (1.07s) m

SEATBELT REMINDER 3 pts
 - driver Pass
 - passenger Pass
 - rear Pass

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	Kia Picanto 1.0 LX, LHD
Body type	5 door hatchback
Year of publication	2011
Kerb weight	895kg
VIN from which rating applies	applies to Picantos of the specification tested

SAFETY EQUIPMENT

Front seatbelt pretensioners	
Front seatbelt load limiters	
Driver frontal airbag	single stage
Front passenger frontal airbag	single stage
Side body airbags	
Side head airbags	
Seatbelt Reminder	Driver, passenger and rear

COMMENTS

Adult occupant

The passenger compartment of the Picanto remained stable in the frontal impact. Dummy readings indicated good protection of the knees, femurs and pelvis of both the driver and front passenger. Kia demonstrated that a similar level of protection would be provided for occupants of different sizes and to those sat in different positions. Most body regions were well protected in the side barrier test, with adequate protection of the chest. However, the rear door on the struck side opened during the test and the car was penalised. In the more severe side pole test, the door remained fully latched. Dummy readings of rib deflection indicated marginal protection of the chest. The seat and head restraint provided marginal protection against whiplash injuries in the event of a rear-end collision.

Child occupant

Forward movement of the 3 year dummy, sat in a forward-facing restraint, was not excessive and both the 3 year and the 18 month dummies were properly contained in the side impact test. The front passenger airbag can be disabled to allow a rearward-facing restraint to be used in that seating position and the Picanto provides clear information to the driver regarding the status of the airbag. A permanently attached label gives a clear warning of the dangers of using a rearward facing seat in the passenger seat without first disabling the airbag.

Pedestrian

The bonnet was rated as poor or marginal in most areas likely to be struck by a pedestrian's head. Similarly, the front edge of the bonnet did not provide good protection for pedestrians' legs. Only the bumper scored maximum points, offering good protection for pedestrians in all areas tested.

Safety assist

Electronic stability control is available as an option on the Picanto. However, its sales as standard equipment are not expected to meet Euro NCAP's 2011 requirements and the system was not assessed. A seatbelt reminder is standard equipment for the driver, front passenger and rear seats.