

TEST RESULTS

Hyundai ix20

Tested Car: Kia Venga 1.4 GLS, LHD

2011



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

ADULT OCCUPANT

Total 32 pts | 89%

FRONTAL IMPACT

13,5 pts



Driver



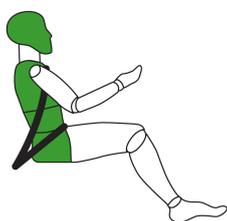
Passenger

SIDE IMPACT CAR

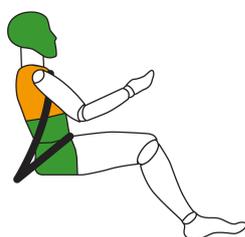
8 pts

SIDE IMPACT POLE

7,2 pts



Car



Pole

REAR IMPACT (WHIPLASH)

3,4 pts



FRONTAL IMPACT

HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

CHEST

Passenger compartment	stable
Windscreen Pillar rearward	8mm
Steering wheel rearward	none
Steering wheel upward	none
Chest contact with steering wheel	none

UPPER LEGS, KNEES AND PELVIS

Stiff structures in dashboard	Ignition barrel, steering column and lock.
Concentrated loads on knees	None

LOWER LEGS AND FEET

Footwell Collapse	none
Rearward pedal movement	clutch - 23mm
Upward pedal movement	clutch - 2mm

SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH

Seat description	Standard, cloth, 2 way manual adjust
Head restraint type	Reactive
Geometric assessment	1 pts

TESTS

- High severity	2,5 pts
- Medium severity	2,6 pts
- Low severity	2,3 pts

TEST RESULTS

CHILD OCCUPANT

Total 42 pts | 85%

18 MONTH OLD CHILD

Restraint FAIR G0/1 S
Group 0, 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 FAIR G0/1 S
Group 1
Facing forward
Installation ISOFIX anchorages and support frame



PERFORMANCE 10,8 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

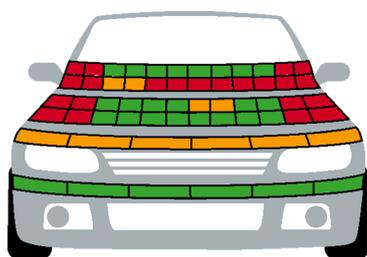
Text and pictogram warning label on both sides of the passenger sun visor.

PEDESTRIAN

Total 23 pts | 64%

SAFETY ASSIST

Total 5 pts | 71%



GOOD
MARGINAL
POOR

HEAD 12,8 pts
PELVIS 4,2 pts
LEG 6 pts

SPEED LIMITATION ASSISTANCE

0 pts

- , not available

ELECTRONIC STABILITY CONTROL (ESC)

3 pts

- standard

SEATBELT REMINDER

2 pts

- driver 1 pts
 - passenger 1 pts

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	Tested Car: Kia Venga 1.4 GLS, LHD
Body type	5 door MPV
Year of publication	2011
Kerb weight	1220kg
VIN from which rating applies	applies to all ix20's 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	

COMMENTS

Euro NCAP is informed that the Hyundai ix20 is structurally identical to the Kia Venga and has the same interior fittings and levels of safety equipment. Accordingly, Euro NCAP believes that the star rating of the Venga can also be applied to the Hyundai ix20.

Adult occupant

In the frontal test, the passenger compartment remained stable. Protection of the driver's chest was rated as marginal. Dummy readings showed good protection of the knees and femurs of the front seat occupants. However, the steering column and ignition barrel presented a risk of injury to the driver's femurs. In the side barrier impact, the car scored maximum points. In the more severe side pole test, dummy readings indicated marginal protection of the chest and good protection of other parts of the body. Protection of the neck against whiplash injuries in a rear-end impact was good.

Child occupant

Forward movement of the 3 year dummy, sat in a forward facing restraint, was not excessive and the rebound was well controlled. In the side barrier impact, both dummies were properly contained by their respective restraints. The 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 by Euro NCAP. A permanent label warns clearly of the risks of using a rearward facing restraint in the front passenger seat without first disabling the airbag.

Pedestrian

The bumper scored maximum points for its protection of pedestrians' legs. The front edge of the bonnet provided marginal protection. In most areas likely to be struck by the head of a child, the bonnet offered good protection but was predominantly poor in the areas where an adult's head might strike.

Safety assist

As Electronic Stability Control (ESC) it is to be fitted as standard in the great majority of sales, it has been included in Euro NCAP's assessment of the car. A seatbelt reminder system is standard equipment for the driver, front passenger and rear seats. As the rear seat system is not available on the Kia Venga which was assessed, the score has not been included in the rating of the ix20.