

TEST RESULTS

Hyundai i20

Hyundai i20 1.4 GL, LHD

2009



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

ADULT OCCUPANT

Total 32 pts | 88%

FRONTAL IMPACT

13,1 pts



Driver



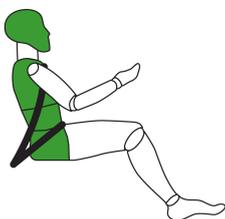
Passenger

SIDE IMPACT CAR

8 pts

SIDE IMPACT POLE

7,8 pts



Car



Pole

REAR IMPACT (WHIPLASH)

2,7 pts



FRONTAL IMPACT

HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

CHEST

Passenger compartment	stable
Windscreen Pillar rearward	5mm
Steering wheel rearward	none
Steering wheel upward	none
Chest contact with steering wheel	none

UPPER LEGS, KNEES AND PELVIS

Stiff structures in dashboard	yes: steering column and lock barrel; centre console; glove-box lid
Concentrated loads on knees	none

LOWER LEGS AND FEET

Footwell Collapse	none
Rearward pedal movement	clutch - 42mm
Upward pedal movement	clutch - 21mm

SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH

Seat description	Single control manual, continuous adjustment
Head restraint type	Reactive
Geometric assessment	0,5 pts

TESTS

- High severity	2,2 pts
- Medium severity	2,4 pts
- Low severity	2,5 pts

TEST RESULTS

CHILD OCCUPANT

Total 41 pts | 83%

18 MONTH OLD CHILD

Restraint Fair G 0/1 ISOFIX
Group 0, 1
Facing rearward
Installation ISOFIX anchorages and support frame



PERFORMANCE 12 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 G 0/1 ISOFIX
Group 0, 1
Facing forward
Installation ISOFIX anchorages and support frame



PERFORMANCE 11,8 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

5 pts

Airbag warning Label

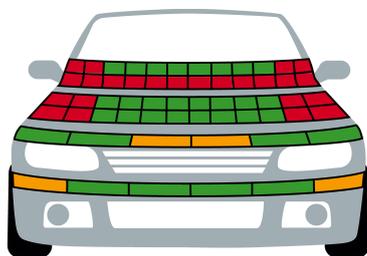
Text and pictogram warning label permanently attached to both sides of the passenger sun visor

PEDESTRIAN

Total 23 pts | 64%

SAFETY ASSIST

Total 6 pts | 86%



GOOD
MARGINAL
POOR

HEAD 12 pts
PELVIS 5,2 pts
LEG 5,8 pts

SPEED LIMITATION ASSISTANCE 0 pts

- 0, not available

ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- optional

SEATBELT REMINDER 3 pts

- driver 1 pts
 - passenger 1 pts
 - rear 1 pts

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	Hyundai i20 1.4 GL, LHD
Body type	5 door hatchback
Year of publication	2009
Kerb weight	1035kg
VIN from which rating applies	applies to all i20s

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

Adult occupant

The passenger compartment remained stable in the frontal impact. Stiff structures in the dashboard presented a potential hazard to the femurs of the driver and passenger. Maximum points were scored in the side barrier test and adequate protection was provided to the chest in the side pole impact. Protection provided against whiplash injury was rated as marginal.

Child occupant

The i20 scored maximum points for its protection of the 1½ year old in the frontal and side impacts, based on dummy readings. Forward movement of the 3 year old's head was not considered excessive in the frontal test. The passenger airbag can be disabled to allow a rearward facing child restraint to be used in that seating position. However, information provided to the driver regarding the status of the airbag is not sufficiently clear. The presence of ISOFIX anchorages in the rear outboard seats is not clearly marked.

Pedestrian

Most of the bumper provided good protection to pedestrians' legs, as did most parts of the bonnet edge. The protection offered by the bonnet was good in most areas likely to be struck by a child's head but was predominantly poor in those areas where an adult's head would hit.

Safety assist

Some variants of the i20 have electronic stability control as standard equipment and some have it as an option. The great majority of cars sold are expected to be fitted with ESC as standard. A seatbelt reminder system for front and rear seats is standard equipment.