

Hyundai i20

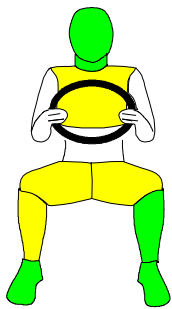


2009

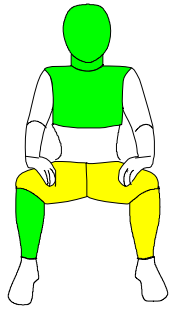
	Adult Occupant	Child Occupant	Pedestrian	Safety Assist	
Score	31.655	40.794	23.012	6.000	
Max Points available	36	49	36	7	
Normalised Score (%)	88	83	64	86	
Weighting (%)	50	20	20	10	TOTAL
Weighted Percentage S	44.0	16.6	12.8	8.6	82

Rating Requirements (2009)

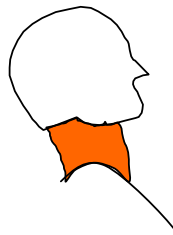
	Normalised Score (%)				TOTAL
★★★★★	75	70	25	60	70
★★★★	60	55	15	40	55
★★★	30	30	10	25	45
★★	25	25	5	15	35
★	15	15	0	5	20



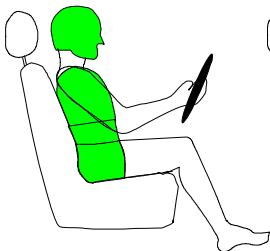
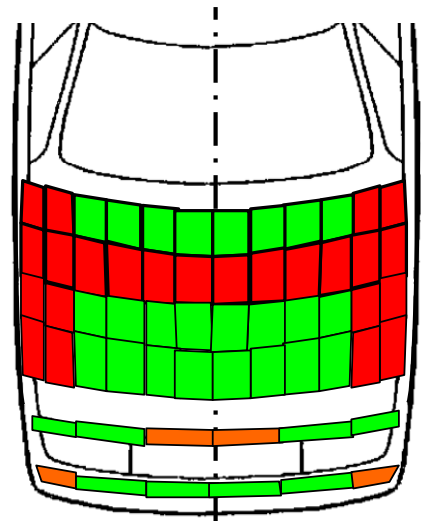
Driver



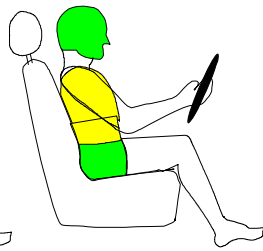
Passenger



Rear Impact (Whiplash)



Side



Pole

TEST RESULTS IN FULL

FRONTAL IMPACT HEAD

Driver airbag contact	stable
Passenger airbag contact	stable
Steering Wheel	
rearward displacement	none
upward displacement	none
lateral displacement	2mm to the left

FRONTAL IMPACT CHEST

Contact with steering wheel	none
Screen pillar rearward	5mm
Passenger compartment integrity	stable

FRONTAL IMPACT UPPER LEGS, KNEES AND PELVIS

Stiffer structures present	yes: steering column and lock barrel; centre console; glove-box lid
Concentrated knee loading	none

FRONTAL IMPACT LOWER LEGS, FEET AND ANKLES

Rearward pedal displacement	clutch - 42mm
Upward pedal displacement	clutch - 21mm
Footwell rupture	none

SIDE IMPACT AIRBAGS

Head protection airbag	yes
Torso protection airbag	yes

CHILD PROTECTION

Restraints used	
18 month old	Fair G0/1 ISOFIX, rearward-facing using ISOFIX anchorages and support base.
3 year old	Fair G0/1 ISOFIX, forward-facing using ISOFIX anchorages and support base.

CHILD RESTRAINTS FRONTAL IMPACT

Airbag disabling/warning label	Text and pictogram warning label permanently attached to both sides of the passenger sun visor
Forward head movement	
18 mth old (behind passenger)	protected
3 year old (behind driver)	protected
Chest Protection	
18 mth old: total load	good
vertical load	good
3-year-old: total load	fair
vertical load	good

CHILD RESTRAINTS SIDE IMPACT

Head protection	
18 mth old (struck side)	protected
3 year old (non-struck side)	protected
Head acceleration	
18 mth old	good
3 year old	good

CAR TESTED



Make, model and hand of drive	Hyundai i20 1.4 GL, LHD
Body type	5 door hatchback
Year tested	2009
Kerb weight	1035kg
Chassis number from which Euro NCAP rating applies	applies to all i20s
Safety Equipment	Driver and passenger single stage frontal airbags; side impact chest airbag; side impact head airbag; front seatbelt pretensioners and load-limiters; ISOFIX and top-tether anchorages in rear outboard seats; front and rear seatbelt reminder system; electronic stability control.

Hyundai I20

COMMENTS	
ADULT OCCUPANT	The passenger compartment remained stable in the frontal impact. Stiff structures in the dashboard presented a hazard 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 PROTECTION	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 PROTECTION	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.

Euro NCAP's rating applies fully only to the model with the specifications detailed here. Some equipment may not be fitted as standard to all versions in all countries. You should ensure that your car is fitted with the safety equipment you require.

