

TEST RESULTS

Hyundai ix35

Hyundai ix35 2.0 diesel 'Style', LHD

2010



90%

ADULT OCCUPANT



88%

CHILD OCCUPANT



54%

PEDESTRIAN



71%

SAFETY ASSIST

ADULT OCCUPANT

Total 32 pts | 90%

FRONTAL IMPACT

15,2 pts



Driver



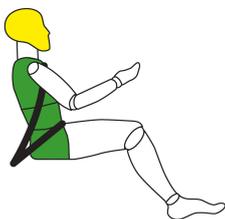
Passenger

SIDE IMPACT CAR

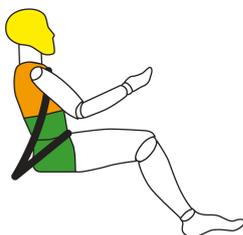
7,5 pts

SIDE IMPACT POLE

6,6 pts



Car



Pole

REAR IMPACT (WHIPLASH)

3 pts



- GOOD
- ADEQUATE
- MARGINAL
- WEAK
- POOR

FRONTAL IMPACT

HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

CHEST

Passenger compartment	stable
Windscreen Pillar rearward	4mm
Steering wheel rearward	none
Steering wheel upward	4mm
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	brake - 62mm
Upward pedal movement	brake - 31mm

SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH

Seat description	Standard cloth, 4 way manual
Head restraint type	Reactive
Geometric assessment	1 pts

TESTS

- High severity	1,9 pts
- Medium severity	1,9 pts
- Low severity	2,5 pts

TEST RESULTS

CHILD OCCUPANT

Total 43 pts | 88%

18 MONTH OLD CHILD

Restraint Fair G0/1S
Group 0, 0+, 1
Facing rearward
Installation ISOFIX anchorages



PERFORMANCE 11,5 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 G0/1S
Group 0, 0+, 1
Facing forward
Installation ISOFIX anchorages



PERFORMANCE 11,4 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

8 pts

Airbag warning Label

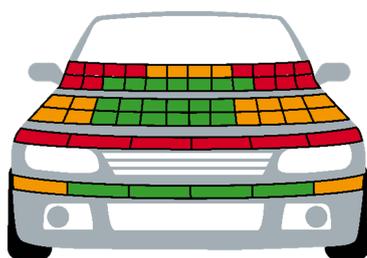
Text and pictogram warning label permanently attached to both sides of the passenger sun visor

PEDESTRIAN

Total 20 pts | 54%

SAFETY ASSIST

Total 5 pts | 71%



GOOD
MARGINAL
POOR

HEAD 14 pts
PELVIS 0 pts
LEG 5,6 pts

SPEED LIMITATION ASSISTANCE 0 pts

- 0, 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	Hyundai ix35 2.0 diesel 'Style', LHD
Body type	5 door SUV
Year of publication	2010
Kerb weight	1610kg
VIN from which rating applies	applies to all ix35s of the specification tested

SAFETY EQUIPMENT

Front seatbelt pretensioners	Double pretensioner for driver
Front seatbelt load limiters	
Driver frontal airbag	
Front passenger frontal airbag	
Side body airbags	
Side head airbags	

COMMENTS

Adult occupant

The passenger compartment remained stable in the frontal impact. Dummy readings indicated good protection for the knees and femurs of both driver and passenger. Hyundai presented additional test data which showed that similar levels of protection would be offered to occupants of different sizes and those sat in different positions. In the side barrier impact, dummy readings were good. However, in the more severe side pole test, the curtain airbag got trapped in the door pillar trim and did not deploy fully. As this airbag is intended to provide protection in all types of side impact, a penalty was applied to the head score for both the side barrier test and the side pole test. Chest protection was marginal in the side pole test. The seat and head restraint offered good 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 seat, was not excessive. In the side impact, both dummies were properly constrained by the protective shells of their restraints. The front passenger's airbag can be disabled to allow a rearward facing child restraint to be used in that seating position and clear information is provided to the driver regarding the status of the airbag. A permanently attached label clearly warns of the dangers of using a child restraint in that seat without first disabling the airbag.

Pedestrian

The bumper provided predominantly good protection to pedestrians' legs. However, the front edge of the bonnet offered poor protection and scored no points. The protection offered by the bonnet was good in some areas where a child's head might strike but was marginal away from the centre. Protection for an adult's head was mixed but most areas tested were poor.

Safety assist

Electronic stability control is standard equipment on all variants along with a seatbelt reminder system for the driver and front passenger seats.