

TEST RESULTS

Audi A1

Audi A1 1.2 TFSI 'Ambition', LHD

2010 ★★★★★



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

ADULT OCCUPANT

Total 32 pts | 90%

FRONTAL IMPACT

14,9 pts



Driver



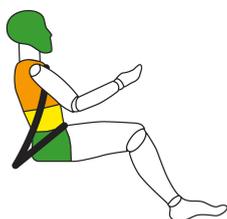
Passenger

SIDE IMPACT CAR

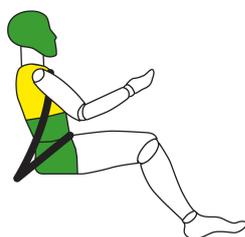
6,9 pts

SIDE IMPACT POLE

7,5 pts



Car



Pole

REAR IMPACT (WHIPLASH)

2,9 pts



FRONTAL IMPACT

HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

CHEST

Passenger compartment	stable
Windscreen Pillar rearward	12mm
Steering wheel rearward	none
Steering wheel upward	10mm
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	accelerator - 14mm
Upward pedal movement	none

SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH

Seat description	Sport', cloth, 4 way manual
Head restraint type	passive
Geometric assessment	0,1 pts

TESTS

- High severity	2,7 pts
- Medium severity	2 pts
- Low severity	2,3 pts

TEST RESULTS

CHILD OCCUPANT

Total 39 pts | 79%

18 MONTH OLD CHILD

Restraint Britax Romer Baby Safe ISOFIX Plus
Group 0, 0+
Facing rearward
Installation ISOFIX anchorages



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 Romer Duo Plus
Group 1
Facing forward
Installation ISOFIX anchorages



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

VEHICLE BASED ASSESSMENT

3 pts

Airbag warning Label

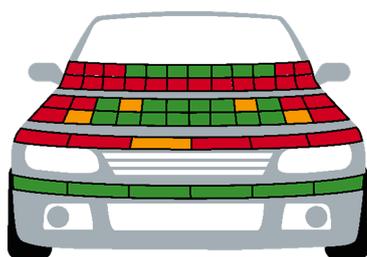
Non-permanent pictogram on B pillar

PEDESTRIAN

Total 18 pts | 49%

SAFETY ASSIST

Total 6 pts | 86%



GOOD
MARGINAL
POOR

HEAD 11,6 pts
PELVIS 0,2 pts
LEG 6 pts

SPEED LIMITATION ASSISTANCE 0 pts

- 0, not available

ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- standard

SEATBELT REMINDER 3 pts

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

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	Audi A1 1.2 TFSI 'Ambition', LHD
Body type	3 door hatchback
Year of publication	2010
Kerb weight	1115kg
VIN from which rating applies	applies to all A1s 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

Adult occupant

The passenger compartment remained stable in the frontal impact. Dummy readings indicated good protection of the front seat occupants' knees and femurs. Additional tests demonstrated that a similar level of protection would be offered to occupants of different sizes and to those sat in different positions. In the side barrier impact, compression of the dummy's ribs indicated marginal chest protection, despite the presence of a thorax airbag. However, chest protection was rated as adequate in the side pole impact, normally a more severe test than the side barrier impact. Protection against whiplash injuries in the event of a rear end collision was rated as marginal.

Child occupant

Based on dummy readings in the dynamic tests, the A1 scored maximum points for the protection offered to the 3 year dummy. Forward head movement was not excessive in the frontal impact and both the 3 year and 18 month dummies were properly contained by their respective restraints in the side impact. A switch is available as an option which allows the passenger airbag to be disabled, allowing a rearward facing child restraint to be used in that seating position. The test vehicles were not equipped with the switch so a full assessment could not be made. However, information in the vehicle handbook indicated that the system would not meet Euro NCAP's requirements as there is insufficient information close to the switch. The label warning of the dangers of using a rearward facing restraint without first disabling the airbag was unclear, poorly positioned and not permanently attached.

Pedestrian

The A1 scored maximum points for the protection offered by the bumper to pedestrians' legs. However, the front edge of the bonnet was poor in almost every area tested. The protection provided by the bonnet was rated as good in most areas where a child's head might hit. However, for those areas likely to be struck by an adult's head, the protection offered was predominantly poor.

Safety assist

Electronic stability control is standard equipment on all variants. A seatbelt reminder system covering both front and rear seats is also standard and fully complied with Euro NCAP's requirements, receiving maximum points.