

TEST RESULTS

Audi A6

Audi A6, 2.0 diesel, LHD

2011



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

ADULT OCCUPANT

Total 33 pts | 91%

FRONTAL IMPACT

14,9 pts



Driver



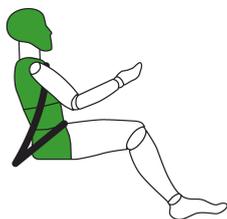
Passenger

SIDE IMPACT CAR

7,5 pts

SIDE IMPACT POLE

7 pts



Car



Pole

REAR IMPACT (WHIPLASH)

3,3 pts



FRONTAL IMPACT

HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

CHEST

Passenger compartment	stable
Windscreen Pillar rearward	1mm
Steering wheel rearward	none
Steering wheel upward	none
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 - 5mm
Upward pedal movement	clutch - 12mm

SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH

Seat description	Standard cloth, 4 way manual adjust
Head restraint type	Passive
Geometric assessment	0,4 pts

TESTS

- High severity	2,4 pts
- Medium severity	2,7 pts
- Low severity	2,6 pts

TEST RESULTS

CHILD OCCUPANT

Total 41 pts | 83%

18 MONTH OLD CHILD

Restraint FAIR G 0/1 ISOFIX (VW Bobsy)
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 Audi Britax-Roemer Duo ISOFIX
Group 1
Facing forward
Installation ISOFIX anchorages



PERFORMANCE 11,6 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

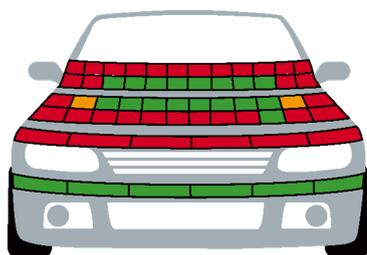
Non-permanent pictogram label on B-pillar

PEDESTRIAN

Total 15 pts | 41%

SAFETY ASSIST

Total 6 pts | 86%



GOOD
MARGINAL
POOR

HEAD 8,7 pts
PELVIS 0 pts
LEG 6 pts

SPEED LIMITATION ASSISTANCE

0 pts

Not assessed

ELECTRONIC STABILITY CONTROL (ESC)

3 pts

- ESP Pass
 Yaw rate ratio (1.00s) 2,25 %
 Yaw rate ratio (1.75s) 2,10 %
 Lateral displacement (1.07s) 3,19 m

SEATBELT REMINDER

3 pts

- driver Pass
 - passenger Pass
 - rear Pass

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	Audi A6, 2.0 diesel, LHD
Body type	4 door saloon
Year of publication	2011
Kerb weight	1650kg
VIN from which rating applies	applies to all A6 of the specification tested

SAFETY EQUIPMENT

Front seatbelt pretensioners	
Front seatbelt load limiters	adaptive
Driver frontal airbag	adaptive
Front passenger frontal airbag	adaptive
Side body airbags	
Side head airbags	
Electronic Stability Control	
Seatbelt Reminder	Driver, passenger and rear

COMMENTS

Adult occupant

The passenger compartment remained stable in the frontal impact. The A6 is fitted with Audi's adaptive frontal airbags and seat belts. Sensors in the front seat rails detect whether an occupant is positioned close to the steering wheel (a small driver, for example) or more rearwards. The restraint system is tuned accordingly, using special vents in the airbags and seat belt load limiters adapted to the appropriate occupant size. In the frontal test, the system worked well and both the driver and passenger's heads were well protected. Dummy readings indicated good protection of the dummies' knees and femurs. Audi showed that the car would provide a similar level of protection to occupants of different sizes and to those sat in different positions. In the side barrier impact, the dummy indicated good protection of all body regions. However, the driver's door was found to be unlatched after the test and the car was penalised for this. In the pole test, the car provided marginal protection of the driver's chest. The seat and head restraint provided good protection against whiplash injuries in the event of a rear-end collision.

Child occupant

Based on dummy readings in the dynamic tests, the A6 scored maximum points for its protection of the 18 month infant. A switch is available as an option, and can be retro-fitted by an Audi dealer, which allows the passenger airbag to be disabled so that a rearward-facing child restraint can be used in that seating position. However, as the switch is not standard equipment on any model, it did not qualify for assessment by Euro NCAP. The dangers of using a rear-facing restraint in the front passenger seat without first disabling the airbag were not sufficiently clear, with only a pictogram representation on a non-permanent label.

Pedestrian

The bumper provided good protection for pedestrians' legs. However, the front edge of the bonnet was poor in all areas tested and scored no points. The bonnet was also rated predominantly as poor for the protection it offered to the head of a struck child and to the protection it offered an adult.

Safety assist

Electronic stability control is standard equipment on the A6 and met Euro NCAP's test requirements. A seatbelt reminder is standard equipment for the driver, front passenger and rear seats. A speed limitation device is not available.