

TEST RESULTS

Opel / Vauxhall Astra

Opel Astra 1.6 'Enjoy', LHD

2009 ★★★★★



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

ADULT OCCUPANT

Total 34 pts | 95%

FRONTAL IMPACT

15,1 pts



Driver



Passenger

SIDE IMPACT CAR

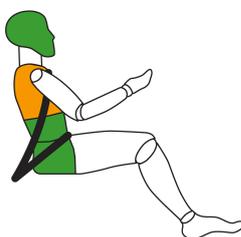
8 pts

SIDE IMPACT POLE

7,3 pts



Car



Pole

REAR IMPACT (WHIPLASH)

3,7 pts



- GOOD
- ADEQUATE
- MARGINAL
- WEAK
- POOR

FRONTAL IMPACT

HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

CHEST

Passenger compartment	stable
Windscreen Pillar rearward	2mm
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	none
Upward pedal movement	clutch - 3mm

SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH

Seat description	Standard, cloth, 2 way manual adjust
Head restraint type	Reactive
Geometric assessment	1 pts

TESTS

- High severity	2,9 pts
- Medium severity	2,6 pts
- Low severity	2,8 pts

TEST RESULTS

CHILD OCCUPANT

Total 41 pts | 84%

18 MONTH OLD CHILD

Restraint Britax Römer Baby Safe
Group 0, 0+
Facing rearward
Installation Adult seatbelt



PERFORMANCE 11,1 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 Römer Duo Plus
Group 1
Facing forward
Installation ISOFIX anchorages and top tether



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

6 pts

Airbag warning Label

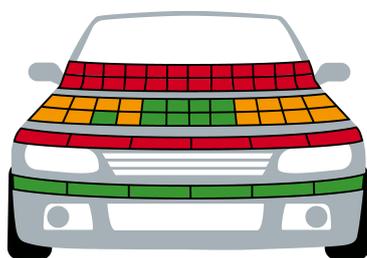
Text and pictogram warning label permanently attached to both sides of the passenger sun visor

PEDESTRIAN

Total 16 pts | 46%

SAFETY ASSIST

Total 5 pts | 71%



GOOD
MARGINAL
POOR

HEAD 10,4 pts
PELVIS 0 pts
LEG 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	Opel Astra 1.6 'Enjoy', LHD
Body type	5 door hatchback
Year of publication	2009
Kerb weight	1318kg
VIN from which rating applies	Applies to all Astras of the specification tested

SAFETY EQUIPMENT

Front seatbelt pretensioners	dual 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, the windscreen pillar moving rearward less than 2mm. Dual pretensioners restrained the dummies well and readings indicated that the knees and femurs of both the driver and passenger were well protected. Opel were able to show that occupants of different sizes, and those sat in different seating positions, would be similarly well protected. The Astra scored maximum points for its protection of the front passenger occupant in the frontal impact. Protection of the chest was adequate in the side barrier impact and marginal in the more severe side pole test, with good protection of all other body regions in both tests. Protection against whiplash injuries in rear impacts was rated as good.

Child occupant

Based on dummy readings in the frontal and side impacts, the Astra scored maximum points for protection of the 3 year dummy. Forward movement of the head was well controlled. In the side barrier test, both dummies were properly contained by their restraints. 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 dangers of using a rearward facing child seat in that position without first disabling the airbag are clearly explained in a label attached to the passenger's sun visor.

Pedestrian

The car scored maximum points for the protection offered to pedestrians' legs by the bumper. However, the protection provided by the front edge of the bonnet was poor and scored no points in Euro NCAP's tests. In most areas likely to be struck by the head of a child, the bonnet offered marginal protection. In all areas likely to be struck by an adult's head, the bonnet provided poor protection.

Safety assist

Electronic Stability Control (ESC) is standard equipment across the whole of the model range as is a seatbelt reminder system for the driver and front passenger seats.