

TEST RESULTS

Opel Astra GTC

Opel Astra GTC, 1.4l petrol 'Sport', LHD

2011 ★★★★★



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

ADULT OCCUPANT

Total 33 pts | 91%

FRONTAL IMPACT

15,1 pts



Driver



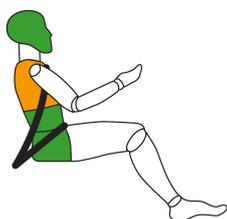
Passenger

SIDE IMPACT CAR

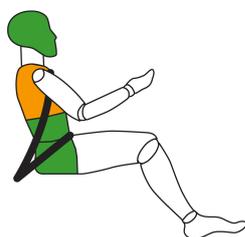
7,1 pts

SIDE IMPACT POLE

7,2 pts



Car



Pole

REAR IMPACT (WHIPLASH)

3,4 pts



FRONTAL IMPACT

HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

CHEST

Passenger compartment	stable
Windscreen Pillar rearward	none
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	clutch - 18mm
Upward pedal movement	clutch - 7mm

SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH

Seat description	Sport, cloth, 4-way manual adjustment
Head restraint type	Passive
Geometric assessment	1 pts

TESTS

- High severity	2,1 pts
- Medium severity	2,6 pts
- Low severity	2,6 pts

TEST RESULTS

CHILD OCCUPANT

Total 39 pts | 79%

18 MONTH OLD CHILD

Restraint Britax Roemer Duo Plus
Group 0+/1
Facing forward
Installation ISOFIX anchorages and top tether



PERFORMANCE 10 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 Romoer Duo Plus
Group 0+/1
Facing forward
Installation ISOFIX anchorages and top tether



PERFORMANCE 10,8 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

6 pts

Airbag warning Label

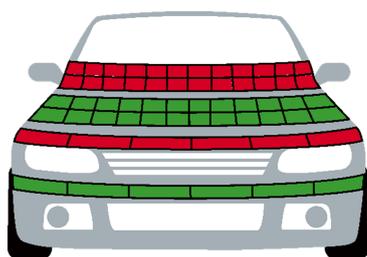
Text and pictogram label permanently attached to the sun visor

PEDESTRIAN

Total 18 pts | 50%

SAFETY ASSIST

Total 5 pts | 71%



GOOD
MARGINAL
POOR

HEAD 12 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) 6,31 %
 Yaw rate ratio (1.75s) 2,12 %
 Lateral displacement (1.07s) 3,36 m

SEATBELT REMINDER

2 pts

- driver Pass
 - passenger Pass
 - rear Not assessed

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	Opel Astra GTC, 1.4l petrol 'Sport', LHD
Body type	3 door
Year of publication	2011
Kerb weight	1437kg
VIN from which rating applies	Applies to all Astra GTCs 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	
Electronic Stability Control	
Seatbelt Reminder	driver and passenger

COMMENTS

Adult occupant

The passenger compartment remained stable in the frontal impact. Dummy readings indicated good protection of the knees and femurs for both the driver and front passenger dummies. Opel showed that a good level of protection would also be offered to occupants of different sizes and to those sat in different seating positions. In both the side and pole impact, dummy readings of rib compression indicated marginal protection of the chest area. However, the front seat and head restraints provided good protection against whiplash injuries in a rear-end collision.

Child occupant

Forward movement of the 3 year dummy, sat in a forward facing restraint, was not excessive. Both the 3 year dummy and the 18 month dummy were properly contained within the shells of their restraints in the side impact, minimising the risk of dangerous head contact. 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. Permanently attached labels on the sun visor clearly warn of the dangers of using a rearward facing child seat in that position.

Pedestrian

In all of the areas likely to be struck by an adult's head, protection was poor and no points were awarded for this part of the assessment. Conversely, the area likely to be struck by small adults and children provided good protection and scored maximum points. The bumper provided good protection to pedestrians' legs. However, the protection offered to a pedestrians hip and pelvic area was poor.

Safety assist

Electronic stability control is standard and met Euro NCAP's requirements. Speed limitation devices are available only as an option and were not assessed by Euro NCAP. There is a seatbelt reminder system for the driver and passenger seats only.