

Opel/Vauxhall Insignia

Opel Insignia 2.0 diesel 'Essentia', LHD

2009 ★★★★★



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

ADULT OCCUPANT

Total 34 pts | 94%

FRONTAL IMPACT

15,2 pts



Driver



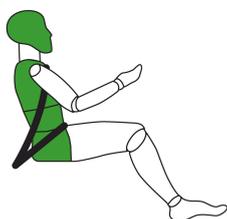
Passenger

SIDE IMPACT CAR

8 pts

SIDE IMPACT POLE

7,5 pts



Car



Pole

REAR IMPACT (WHIPLASH)

3,1 pts



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	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 - 93mm
Upward pedal movement	brake - 26mm

SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH

Seat description	
Head restraint type	
Geometric assessment	1 pts

TESTS

- High severity	2,3 pts
- Medium severity	1,9 pts
- Low severity	2,1 pts

TEST RESULTS

CHILD OCCUPANT

Total 39 pts | 79%

18 MONTH OLD CHILD

Restraint BritaxRoemer Baby Safe Universal
Group 0, 0+
Facing rearward
Installation ISOFIX anchorages



PERFORMANCE **10,9 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 BritaxRoemer Duo Plus ISOFIX
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

4 pts

Airbag warning Label

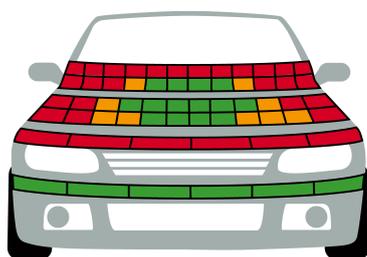
Non-permanent pictogram label on end of facia

PEDESTRIAN

Total 14 pts | 40%

SAFETY ASSIST

Total 5 pts | 71%



GOOD
MARGINAL
POOR

HEAD 8,3 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 Insignia 2.0 diesel 'Essentia', LHD
Body type	4 door saloon
Year of publication	2009
Kerb weight	1540kg
VIN from which rating applies	applies to all Insignias

SAFETY EQUIPMENT

Front seatbelt pretensioners	double pretensioners
Front seatbelt load limiters	
Driver frontal airbag	dual stage
Front passenger frontal airbag	dual stage
Side body airbags	
Side head airbags	

COMMENTS

Adult occupant

The passenger compartment remained stable during the impact. The front seat occupants were sufficiently well restrained by the double seatbelt pretensioners that their knees did not contact the fascia. Opel showed that the knees and femurs of occupants of different sizes and those sat in different seating positions would also be well protected. The Insignia scored maximum points in the car side impact test. In the pole side impact, protection of the chest was adequate and of all other body regions was good. The reactive head restraint provided good whiplash protection.

Child occupant

Based on dummy data from the crash tests, the Insignia scored maximum points for protection of the 3 year infant. However, points were lost for the non-permanent label which did not adequately warn of the dangers of using a rearward-facing child restraint in the front passenger seat. The passenger's airbag can be disabled by means of a switch but information given to the driver about the status of the airbag is not sufficiently clear. The presence of ISOFIX anchorages in the rear seats was not clearly marked.

Pedestrian

The bumper scored maximum points for protection of pedestrians' legs. However, the bonnet was rated as predominantly poor for the protection it offered the head of a struck adult.

Safety assist

Electronic Stability Control is standard equipment on all of the Insignia model range. Both front seats have a seatbelt reminder system which met Euro NCAP's requirements.