

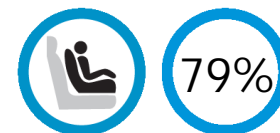
# Opel/Vauxhall Insignia

Opel Insignia 2.0 diesel 'Essentia', LHD

2009 ★★★★★



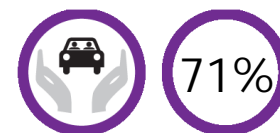
ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

## ADULT OCCUPANT

Total 34 pts | 94%

### FRONTAL IMPACT

15,2 pts



Driver



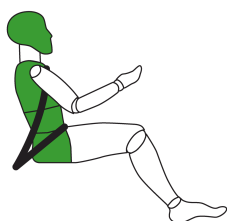
Passenger

### 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**

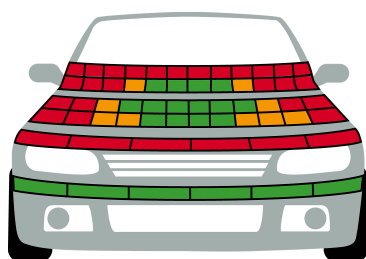
Non-permanent pictogram label on end of facia

## 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

<b>Tested model</b>	Opel Insignia 2.0 diesel 'Essentia', LHD
<b>Body type</b>	4 door saloon
<b>Year of publication</b>	2009
<b>Kerb weight</b>	1540kg
<b>VIN from which rating applies</b>	applies to all Insignias

### SAFETY EQUIPMENT

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

## 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.