

# Crash Tests

## New Car Safety

### Skoda Superb

03/2009 on 01/0001 - Frontal+Side+Head+Knee

#### Overall Evaluation



**Overall Score**  
Variant: Ambition

**34.75 out of 37**  
Engine: 2 litre diesel manual  
Category: Medium Car

#### LHD

The diesel left-hand-drive European model was tested by Euro NCAP. Australasian specifications may vary and therefore models sold in Australasia might provide different levels of protection to those described on this page.

#### Model History and Safety Features

The tested model of Skoda Superb was introduced in Australia during 2009. The New Zealand launch was in 2008.

Dual front airbags, driver knee airbag, side airbags and head-protecting side curtains are standard equipment. Antilock brakes (ABS), electronic brakeforce distribution (EBD), emergency brake assist, electronic stability control (ESC) and tyre pressure monitoring are also standard. Intelligent seat belt reminders are fitted to both front seats.

The front seat belt buckles are mounted on the seats and the upper anchorages are adjustable. These features improve the fit of the seat belt. Pretensioners are fitted to the front seat belts to reduce slack in the event of a crash. A three point seat belt is fitted to the centre rear seat. This provides better protection than a two point (lap) seat belt.

#### Overall Evaluation: 5

5 Stars. The Superb scored 14.75 out of 16 in the offset crash test. The passenger compartment held its shape well. There was a slight risk of serious chest and leg injury for the driver and passenger.

The vehicle scored 16 out of 16 in the side impact crash test and a further two points in the optional pole test.

#### Frontal Offset Crash Test

Body region scores out of 4 points each: Head/neck 4 pts, chest 3.20 pts, upper legs 4 pts, lower legs 3.56 pts.

The passenger compartment held its shape well in the offset crash test. The brake pedal moved rearwards by 7 mm. The accelerator pedal moved downwards 16mm. The steering wheel hub moved 76mm forward, 26mm downward and 15 mm sideways. The front ("A") pillar moved 3 mm rearwards. All doors remained closed during the crash. After the crash all doors could be opened with normal effort.

The airbag cushioned the head of the driver and contact was stable. The knee airbag protected the knees and legs. The passenger's head was cushioned by the airbag.

#### Side Impact Crash Test

Body region scores out of 4 points each: Head 4 pts, chest 4 pts, abdomen 4 pts, pelvis 4 pts.

The vehicle was eligible for an optional pole impact test, since it had head-protecting side airbags. The manufacturer decided to go ahead with the pole test and the vehicle earned a further two points.

#### Pedestrian rating (v4.2)



The bumper scored maximum points for the protection offered to pedestrians' legs. The bonnet surface provided mostly fair protection in the area where a child's head might hit. However, the bonnet was rated as predominantly poor for the protection offered to an adult's head and the front edge of the bonnet scored no points.

Child head impacts 8  
Adult head impacts 4  
Upper leg impacts Zero  
Lower leg impacts 6  
Total (out of 36) 18

Offset crash test at 64km/hr



#### Injury Measurements

Refer to the information sheet 'How the tests are done'	Offset Crash Test at 64km/h (v4.2)		Side Impact Crash Test aa 50km/h (v4.2) Driver
	Driver	Passn	
Head			
- HIC	412	321	38
- Acceleration (g for 3ms)	49.1	46.6	19.1
Neck			
- Shear (kN)	0.72	0.51	
- Tension (kN)	1.56	0.88	
- Extension (Nm)	11	24.7	
Chest			
- Acceleration (g for 3ms)			
- Compression (mm)	27.62	25.27	16.98
- Viscous Criterion (m/s)	0.11	0.09	0.11
Abdomen			
- Force (kN)			0.65
Pelvis			
- Force (kN)			1.31
Upper Legs Force (kN)			
- Left	0.4	0.4	
- Right	1.15	0.3	
Knee Displacement (kN)			
- Left	0	0	
- Right	0	0	
Lower Legs Force (kN)			
- Left	2.25	1.53	
- Right	2.13	2.07	
Index (Upper   Lower)			
- Left	0.29   0.26	0.32   0.15	
- Right	0.19   0.43	0.5   0.24	

#### Bonus points (maximum 5)

Pole Test: 2 pts

Seat Belt Reminders: 2

#### Modifiers for offset test scores

Head

No deduction

Chest

No deduction

Upper leg Variable & Conc Loading

No deduction

Lower leg

No deduction

Foot score

4 points

Structure

#### Modifiers for side impact test scores

Head

No deduction

Chest

Upper leg

Lower leg

Foot score

Structure



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