

Crash Tests

New Car Safety

Citroen C5

02/2005 on 09/2008 - Frontal+Side+Head

Overall Evaluation



Overall Score
Variant: Sedan

35.93 out of 37
Engine: 2L
Category: Medium Car

Vehicles tested after 1 January 2008 will require Electronic Stability Control in order to achieve a 5 star rating. This vehicle was tested prior to this date and may or may not meet this new requirement.

The 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 Citroen C5 was introduced in Australia during February 2005. It is known unofficially as the "C5 Restyled" or "C5 R" model.

Dual front airbags, side airbags and head-protecting side curtains are standard equipment. ABS brakes and electronic stability control are also standard. Advanced seat belt reminders are fitted to all 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. Pre-tensioners 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 seat belt.

Overall Evaluation: 5

The Citroen C5 scored 15.95 out of 16 in the offset crash test. There was a slight risk of serious lower leg injury for the driver.

The vehicle scored 14.98 out of 16 in the side impact crash test. There was a slight risk of serious chest injury for the driver. A further 2 points were scored in the optional pole test.

Frontal Offset Crash Test

Body region scores out of 4 points each: Head/neck 4pts, chest 4pts, upper legs 4pts, lower legs 3.95pts.

The passenger compartment held its shape very well in the offset crash test. The clutch pedal moved rearwards by 48mm and upwards 21mm. The steering wheel hub moved forwards 28mm and downwards 23mm. The front ("A") pillar moved 3mm rearwards. The width of the driver's doorway shortened by 4mm. 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. Knee protection was good.

Side Impact Crash Test

Body region scores out of 4 points each: Head 4pts, chest 3.98pts, abdomen 4pts, pelvis 4pts.

A rear door opened during the crash, resulting in a 1pt deduction from the overall score. Euro NCAP reports that Citroen is investigating this problem.

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

Pedestrian rating (v4.1)



7.65 points out of 36.

Child head impacts 6.65pts; adult head impacts 1pt; upper leg zero pts and lower leg impacts zero pts.

Offset crash test at 64km/hr



Injury Measurements

Refer to the information sheet 'How the tests are done'	Offset Crash Test at 64km/h (v4.1)		Side Impact Crash Test at 50km/h (v1111) Driver
	Driver	Passn	
Head			
- HIC	361	204	72
- Acceleration (g for 3ms)	48.01	37.09	25.6
Neck			
- Shear (kN)	0.5	0.16	25.6
- Tension (kN)	1.11	1.2	
- Extension (Nm)	6.23	7.64	
Chest			
- Acceleration (g for 3ms)			
- Compression (mm)	18.5	14.87	22.09
- Viscous Criterion (m/s)	0.04	0.05	0.19
Abdomen			
- Force (kN)			0.77
Pelvis			
- Force (kN)			2.87
Upper Legs Force (kN)			
- Left	0.85	0.49	
- Right	0.88	0.3	
Knee Displacement (kN)			
- Left	0.19		
- Right	1.39		
Lower Legs Force (kN)			
- Left	1.76	1.6	
- Right	2.07	1.03	
Index (Upper Lower)			
- Left	0.32 0.37	0.4 0.16	
- Right	0.15 0.22	0.26 0.12	

Bonus points (maximum 5)

Pole Test: 2pts

Seat Belt Reminders: 3 pts

Modifiers for offset test scores

Head
Chest
Upper leg
Lower leg
Foot score
Structure

No deduction
No deduction
No deduction
No deduction
Score 4 points

Modifiers for side impact test scores

Head
Chest
Upper leg
Lower leg
Foot score
Structure



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