

# Crash Tests

## New Car Safety

### Citroen C2

03/2004 on 01/0001 - Frontal+Side

#### Overall Evaluation



**Overall Score**  
Variant: 3 Dr Hatch

**28.82 out of 37**  
Engine: 1.1 Litre SOHC  
Category: Light Car

The 1.1 litre left-hand-drive European model was tested by EuroNCAP. 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 Citroen C2 was introduced in Australia early in 2004. The Australian model has a 1.6 litre DOHC engine.

Dual front airbags, side airbags and ABS brakes are standard equipment.

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.

#### Overall Evaluation: 4

The Citroen C2 scored 13.49 out of 16 in the offset crash test. The passenger compartment held its shape well. Protection from serious leg injury was marginal for the driver.

The vehicle scored 14.33 out of 16 in the side impact crash test. Despite the side airbag, protection from serious chest injury was marginal for the driver.

#### Frontal Offset Crash Test

Body region scores out of 4 points each: Head/neck 4pts, chest 4pts, upper legs 2pts, lower legs 3.49pts.

The passenger compartment held its shape well in the offset crash test. The brake pedal moved rearwards by 89mm. The steering wheel hub moved rearwards 24mm, upwards 2mm and sideways 16mm. The front ("A") pillar moved 22mm rearwards. The width of the driver's doorway shortened by 4mm. All doors remained closed during the crash. After the crash high manual effort was required to open the driver's door.

The airbag cushioned the head of the driver and contact was stable. Steering column components were a potential source of injury for the driver's knees. The passenger's head was cushioned by the airbag.

#### Side Impact Crash Test

Body region scores out of 4 points each: Head 4pts, chest 2.6pts, abdomen 4pts, pelvis 3.73pts.

The vehicle was not eligible for a pole impact test since it did not have head-protecting side airbags. This test can earn eligible vehicles an extra two points.

#### Pedestrian rating (v4)



12.27 points out of 36.  
Child head impacts 5.67pts;  
Adult head impacts 4pts;  
Upper leg 2.6pts 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)		Side Impact Crash Test at 50km/h (v4) Driver
	Driver	Passn	
Head			
- HIC	478	323	70
- Acceleration (g for 3ms)	51.6	45.3	29.5
Neck			
- Shear (kN)	0.21	0.27	
- Tension (kN)	1.21	1.15	
- Extension (Nm)	7.5	7	
Chest			
- Acceleration (g for 3ms)			
- Compression (mm)	21.7	14.1	29
- Viscous Criterion (m/s)	0.06	0.03	0.44
Abdomen			
- Force (kN)			1
Pelvis			
- Force (kN)			3.2
Upper Legs Force (kN)			
- Left	0.17	0.37	
- Right	0.05	0.22	
Knee Displacement (kN)			
- Left	0.42	0.79	
- Right	0.1	0.75	
Lower Legs Force (kN)			
- Left	2.13	2.77	
- Right	1.63	1.83	
Index (Upper   Lower)			
- Left	0.431   0.25	0.14   0.3	
- Right	0.43   0.28	0.27   0.16	

#### Bonus points (maximum 5)

Pole Test: Not eligible  
Seat Belt Reminders: Driver only - 1 point

#### Modifiers for offset test scores

Head	No deduction
Chest	No deduction
Upper leg	Variable & conc. loading
Lower leg	No deduction
Foot score	Score 4 points
Structure	No deduction

#### Modifiers for side impact test scores

Head	Not assessed
Chest	Not assessed
Upper leg	Not assessed
Lower leg	Not assessed
Foot score	Not assessed
Structure	Not assessed



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