

Crash Tests

New Car Safety

CITROEN C3 (LHD)

2003 on

Front+side airbags

Occupant Protection



Occupant Protection Score 27.64 out of 37

Variant: SX 5dr hatch

Eng: 1.4L

Kerb weight: 1030 kg

Category: SMALL CAR

Vehicles built: 2003

Test by Euro NCAP

Important note: 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 C3 was introduced in Australia during 2003.

Dual front airbags, and thorax side airbags are standard equipment. ABS/EBD brakes are not available on the SX variant but are standard on other variants.

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.

OCCUPANT PROTECTION: 4 Stars

The Citroen C3 scored 13.36 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 and passenger.

The vehicle scored 14.28 out of 16 in the side impact crash test. There was a slight risk of serious thorax injury for the driver.

FRONTAL OFFSET CRASH TEST

Body region scores out of 4 points each: Head/neck 4 pts, chest 3.6 pts, upper legs 2 pts, lower legs 3.76 pts.

The passenger compartment held its shape well in the offset crash test. The brake pedal moved rearwards by 76 mm and the clutch moved downwards 48mm. The steering wheel hub moved rearwards 6 mm, upwards 22 mm and sideways 15 mm. The front ("A") pillar moved 36 mm rearwards. 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. Dash components were a hazard for the passenger's knees.

SIDE IMPACT CRASH TEST

Body region scores out of 4 points each: Head 4 pts, chest 3.08 pts, abdomen 3.65 pts, pelvis 3.55 pts.

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



Offset crash test at 64km/h

INJURY MEASUREMENTS

Refer to the information sheet "How the test are done"	Offset Crash Test at 64km/h (v4.1)		Side Impact Crash Test at 50km/h (v4.1)
	Driver	Passn	Driver
Head HIC	251	304	175
Acceleration (g for 3ms)	37.6	47.7	55.0
Neck - Shear (kN)	0.38	0.10	-
Tension (kN)	1.22	1.35	-
Extension (Nm)	32.7	12.1	-
Chest Accln (g for 3ms)			-
Compression (mm)	24.80	17.70	26.60
Viscous criterion (m/s)	0.10	0.05	0.19
Abdomen - Force (kN)	-	-	1.130
Pelvis - Force (kN)	-	-	3.340
Upper legs Force			
(kN) Left	0.43	2.38	
(kN) Right	0.26	0.24	
Knee displ (mm)			
Left	0.96	5.46	
Right	0.02	0.35	
Lower legs Force			
(kN) Left	1.28	1.59	
(kN) Right	1.48	1.09	
Index (Upper/Low)			
Left	0.36 / 0.42	0.35 / 0.16	
Right	0.46 / 0.35	.23 / .18	

Bonus points (maximum 5)

Pole Test: Not eligible

Seat belt reminders: None fitted

Modifiers - offset test scores

Head

No deduction

Chest

No deduction

Upper leg Variable & conc. loading Drv 2 pt deduction L & R
Passenger 1pt deduction R, 2pt deduction L

Lower leg

No deduction

Foot score

Score 4 points

Modifiers - side impact test scores

Chest

No deduction

PEDESTRIAN PROTECTION RATING (v4.1)

Child head impacts	4.33	Upper leg impacts	0.18
Adult head impacts	6	Lower leg impacts	Zero
Total (out of 36)	10.51		



ANCAP

Crash testing for safety

AUSTRALASIAN
NEW CAR ASSESSMENT
PROGRAM

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PO Box 1555

Canberra ACT

Australia 2601

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