

# Crash Tests

## New Car Safety

### RENAULT MEGANE CC(LHD)

2004 on Front + side & head airbags

#### Occupant Protection



**Occupant Protection Score 34.56 out of 37**

Variant: Sport/Dyn. Eng: 1.6L Manual  
Kerb weight: 1170 kg Category: SPORTS  
Vehicles built: 2004 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 Renault Megane Coupe-Cabriolet was introduced in Australia during 2004.

Dual front airbags and side airbags with head-protection are standard equipment. ABS/EBD brakes are also standard. An advanced seat belt reminders is fitted to the driver's seat.

The front seat belt buckles are mounted on the seats. This feature 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.

#### OCCUPANT PROTECTION: 5 Stars

The Megane CC scored 15.73 out of 16 in the offset crash test. The passenger compartment was found to be extremely strong. There was a slight risk if serious chest injury for the driver and a slight risk of lower leg injury for the passenger.

The vehicle scored 14.82 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 4 pts, chest 3.99 pts, upper legs 4 pts, lower legs 3.75 pts.

The passenger compartment held its shape well in the offset crash test. The brake pedal moved rearwards by 45 mm and upwards 32 mm. The steering wheel hub moved rearwards 24 mm, upwards 2 mm and sideways 34mm. The front ("A") pillar moved 36 mm rearwards. All doors remained closed during the crash. After the crash both doors opened with normal effort.

The airbag cushioned the head of the driver and contact was stable. There were no knee hazards. 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 2.82 pts, abdomen 4 pts, pelvis 4 pts.

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.



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	291	260	33
Acceleration (g for 3ms)	44.5	40.4	19.6
Neck - Shear (kN)	0.40	0.42	-
Tension (kN)	1.11	1.08	-
Extension (Nm)	13.0	12.8	-
Chest Accln (g for 3ms)	-	-	-
Compression (mm)	22.10	17.70	22.09
Viscous criterion (m/s)	0.06	0.06	0.15
Abdomen - Force (kN)	-	-	0.730
Pelvis - Force (kN)	-	-	2.570
Upper legs Force (kN)			
Left	0.34	0.61	
Right	0.16	0.24	
Knee displ (mm)			
Left	0.75	0.86	
Right	0.98	0.59	
Lower legs Force (kN)			
Left	1.83	2.38	
Right	1.74	2.31	
Index (Upper/Low)			
Left	0.24 /0.17	0.34 /0.23	
Right	0.38 /0.21	0.35/0.22	

#### Bonus points (maximum 5)

Pole Test: 2 pts Seat belt reminders: 1

#### Modifiers - offset test scores

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

#### Modifiers - side impact test scores

Chest T12 modifier 1.16 deduction

#### PEDESTRIAN PROTECTION RATING (v4.0)

Child head impacts	Zero	Upper leg impacts	4
Adult head impacts	7	Lower leg impacts	Zero
Total (out of 36)	11		



**ANCAP**

Crash testing for safety

AUSTRALASIAN  
NEW CAR ASSESSMENT  
PROGRAM

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