

Crash Tests

New Car Safety

HONDA CIVIC (LHD)

2001 on Dual front airbags

Overall Evaluation



Overall score 26.89 out of 34

Variant: 5 DR HATCH Eng: 4Cyl 1.7 litre (Aust).
Kerb weight: 1160 kg Category: SMALL CAR
Side impact vehicle built 6/01 Offset test by Euro NCAP

Important note: The left-hand-drive European model was used in the offset test 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 HONDA CIVIC was introduced in 2001. Dual front airbags are standard equipment. Side airbags are standard in Europe but are not available in Australia. Therefore Australian NCAP carried out a side impact test of the Australian/New Zealand model.

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. The centre rear seat has a three point seat belt.

OVERALL EVALUATION : 4 Stars

The HONDA CIVIC performed reasonably well in the offset crash test (score 10.887 out of 16). The passenger compartment proved to be very strong. However, protection from serious chest injury was marginal for the driver and passenger.

Despite the lack of side airbags in the Australian test, the vehicle earned a full 16 points in the side impact crash test.

FRONTAL OFFSET CRASH TEST

The passenger compartment held its shape very well in the offset crash test. The brake pedal moved rearwards by 62mm. The steering wheel hub moved rearwards 9mm and upwards 24mm. The front ("A") pillar moved 6mm rearwards. The roof held its shape, the width of the driver's doorway shortened by 6mm. All doors remained closed during the crash. After the crash all doors opened with ease.

The airbag cushioned the head of the driver and contact was stable. The passenger was also well protected by an airbag. Chest protection was marginal for both the driver and passenger. The driver's knees were not adequately protected from hazardous components behind the dash.

SIDE IMPACT CRASH TEST

The centre pillar and the side doors were pushed inwards substantially.

The back of the driver's head glanced the centre pillar then rebounded.

The vehicle was not eligible for a Pole Impact Test since it did not have head-protecting side airbags. This test can earn eligible



Offset crash test at 64km/h

vehicles an extra two points, giving a maximum possible overall score of 34 points.

INJURY MEASUREMENTS

Refer to the information sheet "How the test are done"	Offset Crash Test at 64km/h (Euro NCAP test)		Side Impact Crash Test at 50km/h
	Driver	Passn	Driver
Head HIC	545	210	139
Acceleration (g for 3ms)	56	37	45.8
Neck - Shear (kN)	0.31	0.54	-
Tension (kN)	1.88	1.05	-
Extension (Nm)	7.4	8.73	-
Chest Accln (g for 3ms)			-
Compression (mm)	35.11	34.28	16.38
Viscous criterion (m/s)	0.15	0.13	0.1
Abdomen - Force (kN)	-	-	0.877
Pelvis - Force (kN)	-	-	2.37
Upper legs Force			
Left (kN)	0.85	0.98	
Right (kN)	2.07	0.83	
Knee displ (mm)			
Left	0.11	1.58	
Right	0.31	0.3	
Lower legs Force			
Left (kN)	2.11	1.91	
Right (kN)	3.86	1.23	
Index (Upper/Low)			
Left	0.55/0.17	0.26/0.25	
Right	0.67/0.45	0.24/0.29	

Modifiers for offset test scores

Head		No penalty
Chest		No penalty
Upper leg	Variable & conc. loading	Driver 2 pt penalty L & R Passn. 1pt L, 2pt R
Lower leg		No penalty
Foot score	Brake pedal rearward	Score 4 pts

Pedestrian rating



26.10 points out of 36 (72.5%)

Child head impacts 7.28 pts; adult head impacts 10 pts; Upper leg 3.81 pts and lower leg impacts 5.01 pts.

ancap
new car
assessment
program

Nov 2001

Published by
New Car Assessment Program
PO Box 1555
Canberra ACT Australia 2601
www.nrma.com.au/crashtests/
civic01.doc issued 16-Nov-01