

Crash Test Results

New Car Safety

HONDA CIVIC

From 2012 Front+side+head airbags



Offset crash test at 64km/h



ANCAP
Rated ★★★★★

Occupant Protection

Occupant Protection Score 34.91 out of 37

Variant: VTi sedan

Eng: 1.8

Kerb mass: 1290 kg

Category: CAR - SMALL

Vehicles built: 2011

Model History and Safety Features

The tested model of Honda Civic was introduced in Australia and New Zealand during 2012.

Dual front airbags, side airbags and head-protecting side curtains are standard equipment. Antilock brakes (ABS), electronic brake distribution (EBD) and electronic stability control (ESC) are also standard. Advanced seat belt reminders are fitted to all seats.

Pretensioners are fitted to the front seat belts to reduce slack in the event of a crash.

OCCUPANT PROTECTION: 5 Stars

The Honda Civic scored 13.91 out of 16 in the offset crash test. The passenger compartment held its shape well. There was a slight risk of serious chest and leg injury for the driver and passenger.

The vehicle scored 16 out of 16 in the side impact crash test and a further two points in the side pole test. Pedestrian protection was good.

FRONTAL OFFSET CRASH TEST

Body region scores out of 4 points each: Head/neck 4 pts, chest 3.4 pts, upper legs 3 pts, lower legs 3.51 pts.

The passenger compartment held its shape well in the offset crash test. The accelerator pedal moved rearwards by 57 mm and upwards 32 mm. The steering wheel hub moved 32 mm rearward, 47 mm upward and 3 mm sideways. The front ("A") pillar moved 42 mm rearwards. All doors remained closed during the crash. After the crash simple tools were required to open the driver's door.

The airbag cushioned the head of the driver and contact was stable. There were no driver knee hazards but the glove box surround was found to be a potential hazard for the passenger's knees. The passenger's head was cushioned by the airbag.

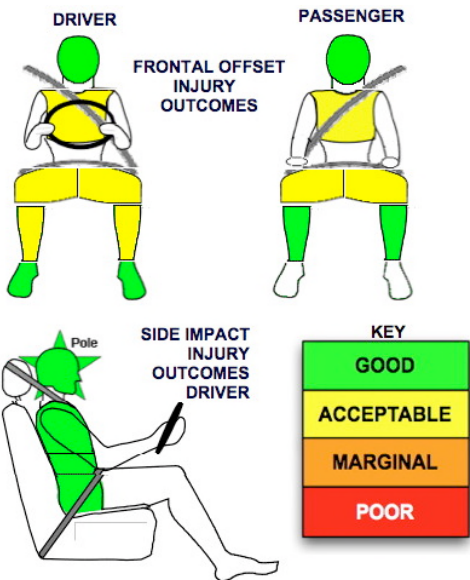
SIDE IMPACT CRASH TEST

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

The vehicle was eligible for a pole impact test, since it had head-protecting side airbags. The vehicle earned the maximum two points in this test.

PEDESTRIAN PROTECTION: Good

The Civic performed very well obtaining a "Good" result for pedestrian protection. Further attention is needed at the edges of the bonnet, windscreen and bumper.



Whiplash Protection



PEDESTRIAN PROTECTION	
GOOD	Child head impacts
	Adult head impacts
	Upper leg impacts
	Lower leg impacts
	Total (out of 36)

v5.3

Child head impacts	9.54
Adult head impacts	8
Upper leg impacts	6
Lower leg impacts	4
Total (out of 36)	27.54



Child and adult head impact



Adult leg impact (upper and full legforms)

pass

marginal

fail

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ANCAP

Crash testing for safety

AUSTRALASIAN
NEW CAR ASSESSMENT
PROGRAM

TECHNICAL DATA - HONDA CIVIC - From 2012

INJURY MEASUREMENTS

Body region	Offset Crash Test at 64km/h (v5.1)		Side Impact Crash Test at 50km/h (v5.1)
	Driver	Passenger	Driver
Head HIC	549	278	40
Acceleration (g for 3ms)	63.8	40.2	19.2
Neck - Shear (kN)	0.83	0.43	-
Tension (kN)	1.70	0.79	-
Extension (Nm)	18.2	6.5	-
Chest Accln (g for 3ms)	49.80	34.30	-
Compression (mm)	26.20	22.70	13.90
Viscous criterion (m/s)	0.08	0.07	0.05
Abdomen - Force (kN)	-	-	0.460
Pelvis - Force (kN)	-	-	1.700
Upper legs Force (kN)			
Left	0.22	1.16	
Right	3.95	2.12	
Knee displ (mm)			
Left	7.11	3.62	
Right	0.31	3.36	
Lower legs Force (kN)			
Left	1.57	1.66	
Right	1.29	1.66	
Index (Upper/Low)			
Left	0.40 /0.48	0.28 /0.19	
Right	0.50 /0.51	0.3/0.19	

Bonus points (maximum 5)

Pole Test: 2 pts

Seat belt reminders: 3 (see table below for details)

Modifiers - deductions from offset test scores

Head	No deduction
Chest	No deduction
Upper leg Variable contact, <i>passenger</i>	1 pt deduction Left & Right
Lower leg	No deduction
Foot score	Score 4 points

Note: Steering column and pedal movements are measured relative to the driver's seat.

Modifiers - deductions from side impact test scores

Chest No deduction

Safety features

These specifications are subject to change. Please check with manufacturer for the latest specifications.

Feature	Availability	Details	Rating
Driver airbag	S	Antilock (ABS) brakes / Electronic brake distribution / Brake Assist	S/S/S
Passenger front airbag	S	Electronic stability control (ESC, VSC, DSC, ESP, VSA)	S#
Side airbags, front seats - chest protection	S	3 point seat belt for all forward-facing seats	S
Side airbags, front seats - head protection	S	Whiplash rating (RCAR protocol - IIHS)	Good
Side airbags, rear seats - head protection	S	Intelligent seat belt reminder - driver	S
Driver knee airbag	X	Intelligent seat belt reminder - front passenger	S
Seat belt pretensioners (Front/rear outboard)	S/X	Intelligent seat belt reminder - rear seats	S

Key:

S = standard on all variants

O = optional on base variant. May be standard on higher variants

V= not available on base variant but standard or optional on higher variants

X = not available on any variant

ESC required by ANCAP for 5 star rating from 2008

