

Crash Tests

New Car Safety

Honda Civic

01/2007 on 04/2012 - Frontal+Side+Head

Overall Evaluation



Overall Score

Variant: Hybrid 4 Dr Sedan

29.71 out of 37

Engine: 1.3 litre Hybrid
Category: Small Car

The 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 Honda Civic Hybrid was introduced in Australia during 2007.

Dual front airbags, side airbags and head-protecting side curtains are standard equipment. Antilock brakes (ABS) with electronic brake distribution (EBD) are also standard. Electronic stability control (ESC) is not available. An intelligent seat belt reminder is fitted to the driver seat.

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 (lap) seat belt.

Overall Evaluation: 4

The Civic Hybrid scored 11.24 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 15.47 out of 16 in the side impact crash test. There was a slight risk of serious chest and abdomen injury for the driver. A further two points were earned in the optional pole test.

Frontal Offset Crash Test

Body region scores out of 4 points each: Head/neck 3 pts, chest 3.57 pts, upper legs 2 pts, lower legs 2.67 pts.

The passenger compartment held its shape well in the offset crash test. The brake pedal moved rearwards by 70 mm. The accelerator pedal moved downwards 14mm. The steering wheel hub moved forwards 13mm, upwards 24 mm and sideways 4 mm. The front ("A") pillar moved 9mm forwards. All doors remained closed during the crash. After the crash all doors opened with normal effort.

The airbag cushioned the head of the driver and contact was stable but the airbag bottomed out. Steering column and dash 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 potential source of injury for the passenger's right knee.

Side Impact Crash Test

Body region scores out of 4 points each: Head 4 pts, chest 3.58 pts, abdomen 3.89 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.

Pedestrian rating (v4.1)



Child head impacts	3.86
Adult head impacts	5.04
Upper leg impacts	6
Lower leg impacts	6
Total (out of 36)	20.9

Offset crash test at 64km/hr



Injury Measurements

Refer to the information sheet 'How the tests are done'	Offset Crash Test at 64km/h (v4.1)		Side Impact Crash Test aa 50km/h (v4.1) Driver
	Driver	Passn	
Head			
- HIC	268	251	54
- Acceleration (g for 3ms)	41.6	40	23.9
Neck			
- Shear (kN)	0.28	0.57	
- Tension (kN)	1.15	1.29	
- Extension (Nm)	35.7	12.7	
Chest			
- Acceleration (g for 3ms)			
- Compression (mm)	25	22.7	24.1
- Viscous Criterion (m/s)	0.12	0.08	0.17
Abdomen			
- Force (kN)			1.04
Pelvis			
- Force (kN)			1.96
Upper Legs Force (kN)			
- Left	0.85	0.27	
- Right	0	0.66	
Knee Displacement (kN)			
- Left	0	0	
- Right	0	4	
Lower Legs Force (kN)			
- Left	2.62	1.6	
- Right	1.59	2.19	
Index (Upper Lower)			
- Left	0.7 0.48	0.36 0.15	
- Right	0.41 0.46	0.25 0.28	

Bonus points (maximum 5)

Pole Test: 2 points

Seat Belt Reminders: Fitted to driver's seat only - 1 point

Modifiers for offset test scores

Head	Airbag bottomed out	1 pt deduction
Chest		No deduction
Upper leg	variable & Conc. loading , passenger	2 pt deduction L & R, 2 pt deduction R
Lower leg		No deduction
Foot score		4 points
Structure		

Modifiers for side impact test scores

Head	
Chest	No deduction
Upper leg	
Lower leg	
Foot score	
Structure	



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