

Crash Tests

New Car Safety

Honda Civic

03/2007 on 12/2011 - Dual Frontal

Overall Evaluation



Overall Score

Variant: VTi 4 Dr Sedan

28.9 out of 37

Engine: 1.8 litre auto

Category: Small Car

Model History and Safety Features

The tested model of Honda Civic was introduced in Australia during 2006.

Dual front airbags and antilock brakes (ABS) with electronic brake distribution (EBD) are standard equipment. Side airbags, head-protecting side curtains and electronic stability control (ESC) are standard in New Zealand but are not available on all variants in Australia. 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 Honda Civic scored 13.54 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 14.36 out of 16 in the side impact crash test. There was a moderate risk of serious chest injury for the driver.

Frontal Offset Crash Test

Body region scores out of 4 points each: Head/neck 4 pts, chest 3.76 pts, upper legs 2 pts, lower legs 3.78 pts.

The passenger compartment held its shape well in the offset crash test. The park brake pedal moved rearwards by 77 mm and upwards 4 mm. The steering wheel hub moved rearwards 28 mm, upwards 33 mm and sideways 10 mm. The front ("A") pillar moved 11 mm rearwards. All doors remained closed during the crash. After the crash all doors could be opened with normal effort.

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.

Side Impact Crash Test

Body region scores out of 4 points each: Head 4 pts, chest 2.36 pts, abdomen 4 pts, pelvis 4 pts.

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

Pedestrian rating (v4.1)



Child head impacts	5.69
Adult head impacts	6.32
Upper leg impacts	6
Lower leg impacts	2
Total (out of 36)	19.32

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	243	235	197
- Acceleration (g for 3ms)	40.5	39.5	62
Neck			
- Shear (kN)	0.38	0.56	
- Tension (kN)	0.97	1.03	
- Extension (Nm)	20.8	8.2	
Chest			
- Acceleration (g for 3ms)	37.4	30.7	
- Compression (mm)	23.69	23.2	26.32
- Viscous Criterion (m/s)	0.08	0.07	0.35
Abdomen			
- Force (kN)			0.96
Pelvis			
- Force (kN)			1.87
Upper Legs Force (kN)			
- Left	0.41	0.1	
- Right	0.29	0.91	
Knee Displacement (kN)			
- Left	0.21	0.29	
- Right	0.15	3.04	
Lower Legs Force (kN)			
- Left	1.89	1.76	
- Right	1.96	1.46	
Index (Upper Lower)			
- Left	0.45 0.25	0.32 0.12	
- Right	0.44 0.4	0.27 0.27	

Bonus points (maximum 5)

Pole Test: Not eligible - zero points

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

Modifiers for offset test scores

Head	No deduction
Chest	No deduction
Upper leg	Variable & Conc. loading
Lower leg	No deduction
Foot score	Blocked pedal
Structure	Steering column and pedal movements are
	3.86 points measured relative to driver's seat.

Modifiers for side impact test scores

Head		
Chest	Backplate load	0.773 pt deduction
Upper leg		
Lower leg		
Foot score		
Structure		



Version 1, Published on: 7/08/2007
Published by
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