

Crash Tests

New Car Safety

Honda CR-V

03/2007 on 10/2012 - Frontal+Side+Head

Overall Evaluation



Overall Score

31.25 out of 37

Variant: Sport

Engine: 2.2 litre diesel

Category: Medium SUV

* Safety equipment, as tested, not standard on all variants

The diesel right-hand-drive European model with side curtains 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 CR-V was introduced in Australia during 2007. Dual front airbags, side airbags with chest protection, antilock brakes (ABS), electronic brake distribution (EBD) and electronic stability control (ESC) are standard. Head-protecting side curtains are standard on the Sports and Luxury variants but are not available on the base variant in Australia. They are standard on all New Zealand variants. An intelligent seat belt reminder is fitted to the driver seat in Australia but is on all seats in Europe.

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. Pretensioners 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

4 Stars. The Honda CR-V scored 12.25 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 16 out of 16 in the side impact crash test and a further 2 points in the optional pole test.

Frontal Offset Crash Test

Body region scores out of 4 points each: Head/neck 4 pts, chest 3.23pts, upper legs 2pts, lower legs 3.02pts. The passenger compartment held its shape well in the offset crash test. The brake pedal moved rearwards by 46mm. The clutch pedal moved upwards 12mm. The steering wheel hub moved forwards 15mm, downwards 9mm and sideways 2mm. The front ("A") pillar moved 1mm rearwards. 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. 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. Glove box and dash components were a potential source of knee injury for the passenger.

Side Impact Crash Test

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

Pedestrian rating (v4.1)



Child Head Impacts: 5.35.
Adult Head Impacts: 1.51.
Upper leg impacts: 6.
Lower leg impacts: 6.
Total (out of 36): 12.86.

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	456	313	43
- Acceleration (g for 3ms)	60.1	49.2	21.6
Neck			
- Shear (kN)	0.59	0.54	
- Tension (kN)	1.11	0.73	
- Extension (Nm)	27.6	19.3	
Chest			
- Acceleration (g for 3ms)			
- Compression (mm)	27.41	24.26	21.31
- Viscous Criterion (m/s)	0.12	0.13	0.15
Abdomen			
- Force (kN)			0.56
Pelvis			
- Force (kN)			0.75
Upper Legs Force (kN)			
- Left	0.18	0.17	
- Right	0.28	1.24	
Knee Displacement (kN)			
- Left	1.4	0.2	
- Right	0.2	2.8	
Lower Legs Force (kN)			
- Left	2.11	1.8	
- Right	2.92	2.45	
Index (Upper Lower)			
- Left	0.28 0.15	0.29 0.16	
- Right	0.62 0.44	0.42 0.59	

Bonus points (maximum 5)

Pole Test: 2 pts

Seat Belt Reminders: 1

Modifiers for offset test scores

Head	no deduction
Chest	no deduction
Upper leg	variable & Conc. loading for passenger & driver
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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