

Crash Tests

New Car Safety

Honda Accord Euro

06/2008 on 01/0001 - Frontal+Side+Head

Overall Evaluation



Overall Score
Variant: ES-GT

34.89 out of 37
Engine: 2.2 litre diesel
Category: Medium Car

Tested by EuroNCAP

The right-hand-drive 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 Accord Euro was introduced in Australia during 2008. 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. Intelligent seat belt reminders are fitted to all seats.

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: 5

5 Stars. The Accord Euro scored 14.48 out of 16 in the offset crash test. The passenger compartment held its shape well. There was a slight risk of serious chest injury for the passenger and a slight risk of serious lower leg injury for the driver and passenger.

The vehicle scored 15.41 out of 16 in the side impact crash test and a further two points in the optional pole test.

Frontal Offset Crash Test

Body region scores out of 4 points each: Head/neck 4 pts, chest 3.45 pts, upper legs 4 pts, lower legs 3.02 pts.

The passenger compartment held its shape well in the offset crash test. The accelerator pedal moved rearwards by 41 mm. The steering wheel hub moved 20mm forward, 13 mm upward and 7 mm sideways. The front ("A") pillar moved 16 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. There were no knee hazards. 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 3.79 pts, abdomen 3.63 pts, pelvis 4 pts.

The vehicle was eligible for an optional pole impact test, since it had head-protecting side airbags. The manufacturer decided to go ahead with the pole test and the vehicle earned a further two points.

Pedestrian rating (v4.2)



The bumper scored maximum points for the protection offered to pedestrians' legs. Most of the zones tested in the area of the bonnet where a child's head might strike also scored maximum points. However, the front edge of the bonnet was rated as poor.

Child head impacts	8.79
Adult head impacts	4.50
Upper leg impacts	Zero
Lower leg impacts	6
Total (out of 36)	19.29

Offset crash test at 64km/hr



Injury Measurements

Refer to the information sheet 'How the tests are done'	Offset Crash Test at 64km/h (v4.2)		Side Impact Crash Test aa 50km/h (v4.2) Driver
	Driver	Passn	
Head			
- HIC	400	366	60
- Acceleration (g for 3ms)	47.4	49.7	25.3
Neck			
- Shear (kN)	0.45	0.34	
- Tension (kN)	1.85	0.92	
- Extension (Nm)	15.8	12.7	
Chest			
- Acceleration (g for 3ms)			
- Compression (mm)	20.59	25.82	19.74
- Viscous Criterion (m/s)	0.08	0.18	0.09
Abdomen			
- Force (kN)			1.14
Pelvis			
- Force (kN)			2.58
Upper Legs Force (kN)			
- Left	0.31	0.51	
- Right	0.33	0.78	
Knee Displacement (kN)			
- Left	0	3.7	
- Right	0.4	3.7	
Lower Legs Force (kN)			
- Left	3.14	1.69	
- Right	1.85	2.25	
Index (Upper Lower)			
- Left	0.56 0.62	0.28 0.34	
- Right	0.41 0.46	0.33 0.42	

Bonus points (maximum 5)

Pole Test: 2 pts

Seat Belt Reminders: 3

Modifiers for offset test scores

Head	No deduction
Chest	No deduction
Upper leg	No deduction
Lower leg	No deduction
Foot score	4 pts
Structure	

Modifiers for side impact test scores

Head		
Chest	Backplate load	0.213 pt deduction
Upper leg		
Lower leg		
Foot score		
Structure		



Version 1, Published on: 16/04/2009
Published by
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