Crash Tests

New Car Safety

Holden Captiva

06/2006 on 03/2011 - Frontal+Side

Overall Evaluation

Overall Score **31.23 out of 37**
Variant: 5 Dr Wagon
Engine: 2.4 litre
Category: Medium SUV

The left-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 the Holden Captiva was introduced in Australia during 2006.

Dual front 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 both front 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. 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 Holden Captiva scored 12.23 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 and passenger.

The vehicle scored 16 out of 16 in the side impact crash test and 1 point in the optional pole test.

Frontal Offset Crash Test

Body region scores out of 4 points each: Head/neck 4 pts, chest 2.85 pts, upper legs 2 pts, lower legs 3.38 pts.

The passenger compartment held its shape well in the offset crash test. The brake pedal moved rearwards by 97mm. The clutch pedal moved upwards 34mm. The steering wheel hub moved forwards 9mm, upwards 29mm and sideways 6mm. The front ("A") pillar moved 37mm rearwards. All doors remained closed during the crash. After the crash extreme hand force was required to open the driver's door.

The airbag cushioned the head of the driver and contact was stable. Dash/fascia components were a potential source of injury for the driver and passenger 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 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. The curtain did not deploy fully and the vehicle earned one point out of two.

Pedestrian rating (v4.1)

Child head impacts: 6.27.
Adult head impacts: 4.5.
Upper leg impacts: Zero.
Lower leg impacts: 6.
Total (out of 36): 16.77.

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	Passn	Driver
Head			
- HIC	591	210	42
- Acceleration (g for 3ms)	58.4	39.4	25.2
Neck			
- Shear (kN)	0.61	0.43	
- Tension (kN)	1.54	0.99	
- Extension (Nm)	10	19.4	
Chest			
- Acceleration (g for 3ms)			
- Compression (mm)	30.02	22.74	20.44
- Viscous Criterion (m/s)	0.12	0.09	0.19
Abdomen			
- Force (kN)			0.5
Pelvis			
- Force (kN)			0.93
Upper Legs Force (kN)			
- Left	0.81	3.49	
- Right	3	1.48	
Knee Displacement (kN)			
- Left	0	3.5	
- Right	0	0	
Lower Legs Force (kN)			
- Left	1.87	2.93	
- Right	1.51	2.27	
Index (Upper | Lower)			
- Left	0.46 | 0.26	0.38 | 0.19	
- Right	0.42 | 0.39	0.31 | 0.2	

Bonus points (maximum 5)
Pole Test: 1 point
Seat Belt Reminders: Fitted to both front seats - 2 points

Modifiers for offset test scores

Head		no deduction
Chest		no deduction
Upper leg	variable & Conc. loading	2 pt deduction L & R for driver & passenger.
Lower leg		no deduction
Foot score		4 pts
Structure		

Modifiers for side impact test scores

Head		
Chest		no deduction
Upper leg		
Lower leg		
Foot score		
Structure	Pole test curtain did not fully deploy	1 pt deduction

ANCAP Crash testing for safety

Version 1, Published on: 16/08/2007
Published by
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