

Crash Tests

New Car Safety

HONDA JAZZ

2003 on

Dual front airbags

Overall Evaluation



Overall score

25.65 out of 37

Variante: VTi 5 DR HATCH

Eng: 1.5L litre.

Kerb weight: 1030 kg

Category: SMALL CAR

Vehicles built: 2/03

Model History and Safety Features

The tested model of HONDA JAZZ was introduced in .2003.

Dual front airbags are standard equipment. ABS brakes are also standard.

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 seat belt.

OVERALL EVALUATION : 4 Stars

The HONDA JAZZ scored 9.95 out of 16 in the offset crash test. The passenger compartment held its shape reasonably well. Protection from serious chest and leg injury was marginal for the driver.

The vehicle scored 15.69 out of 16 in the side impact crash test. There was a slight risk of serious abdomen injury for the driver.

FRONTAL OFFSET CRASH TEST

Body region scores out of 4 points each: Head/neck 4pts, chest 2.49pts, upper legs 2pts, lower legs 1.47pts.

The passenger compartment held its shape well except that the front part of the driver's floor was pushed rearwards 158mm. The brake pedal moved rearwards by 92mm and upwards 27mm, relative to the driver's seat. The dash moved 41mm towards the driver. The steering wheel hub moved rearwards 76mm, upwards 35mm and sideways 18mm, relative to the driver's seat. The front ("A") pillar moved 82mm rearwards. The width of the driver's doorway shortened by 72mm. All doors remained closed during the crash. After the crash high manual effort was required to open the driver's door. This door locked during the impact.

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.

The 3yo child dummy in the rear seat experienced a much higher chest deceleration than is typical in this type of test. This suggests an increased risk of injury and it might result from a relatively stiff vehicle body.

SIDE IMPACT CRASH TEST

Body region scores out of 4 points each: Head 4pts, chest 4pts, abdomen 3.95pts, pelvis 4pts. Backplate modifier: 0.25 deduction.

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.



Offset crash test at 64km/h

INJURY MEASUREMENTS

Refer to the information sheet "How the test are done"	Offset Crash Test at 64km/h (v4.0)		Side Impact Crash Test at 50km/h (v4.0)
	Driver	Passn	Driver
Head HIC	615	321	102
Acceleration (g for 3ms)	60.3	43.2	32.3
Neck - Shear (kN)	0.40	0.65	-
Tension (kN)	1.5	0.95	-
Extension (Nm)	32.8	19.4	-
Chest Accln (g for 3ms)	52.5	32.8	-
Compression (mm)	32.6	24.7	14.5
Viscous criterion (m/s)	0.16	0.07	0.1
Abdomen - Force (kN)	-	-	1.02
Pelvis - Force (kN)	-	-	3
Upper legs Force			
Left (kN)	1.45	0.04	
Right (kN)	0.97	2.36	
Knee displ (mm)			
Left	2.6	0.07	
Right	1.54	1.79	
Lower legs Force			
Left (kN)	2.33	2.52	
Right (kN)	1.72	1.83	
Index (Upper/Low)			
Left	0.49/0.35	0.27/0.18	
Right	0.46/0.97	0.21/0.23	

Bonus points (maximum 5)

Pole Test: Not eligible

Seat belt reminders: Not eligible

Modifiers for offset test scores

Head	No deduction
Chest	No deduction
Upper leg Variable & conc. loading	2 pt deduction L & R
Lower leg	No deduction
Foot score	Score 4 points

Pedestrian rating (v4.0)



15.02 points out of 36

Child head impacts 1.38pts; adult head impacts 7.64pts; upper leg 2pts and lower leg impacts 4pts.



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