

# Crash Tests

## New Car Safety

### Honda Jazz

09/2008 to 01/2011 - Dual Frontal

#### Overall Evaluation



#### Overall Score

Variant: GLi 5 door hatch

**28.98 out of 37**

Engine: 1.3 litre (test vehicle)

Category: Light Car

#### Model History and Safety Features

The tested model of Honda Jazz was introduced in Australia during 2008.

Dual front airbags are standard equipment. Antilock brakes (ABS) are also standard.

Side airbags and head-protecting side curtains are optional on the GLi and standard on other variants. Electronic stability control (ESC) is not available. An advanced seat belt reminders is fitted to the driver seat of all variants. Front passenger and rear seat belt reminders are optional on the GLi and standard on other variants.

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 Jazz scored 14.42 out of 16 in the offset crash test. The passenger compartment held its shape well. There was a slight risk of serious chest and leg injury for the driver.

The vehicle scored 13.56 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 3 pts, chest 3.64 pts, upper legs 4 pts, lower legs 3.78 pts.

The passenger compartment held its shape well in the offset crash test. The clutch pedal moved rearwards by 80 mm and upwards 31 mm. The steering wheel hub moved 57mm forward, 1mm downward and 3 mm sideways. The front ("A") pillar moved 12 mm 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 but contact was unstable, with the head rolling to the side. 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 1.56 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)



The windscreen area provided reasonable protection for the adult head, and the bumper area scored well for the full leg assessment. Further improvement is needed for the child head test area, particularly the base of the windscreen. Some improvement could also be made to the upper leg test area.

Child head impacts	2.57
Adult head impacts	10
Upper leg impacts	2
Lower leg impacts	6
Total (out of 36)	20.57

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 at 50km/h (v4.1)
	Driver	Passn	Driver
Head			
- HIC	313	387	67
- Acceleration (g for 3ms)	51	55.4	27.7
Neck			
- Shear (kN)	0.6	0.62	
- Tension (kN)	1.43	1.34	
- Extension (Nm)	16.1	19.9	
Chest			
- Acceleration (g for 3ms)	47.9	35.2	
- Compression (mm)	24.5	20.6	27.2
- Viscous Criterion (m/s)	0.09	0.07	0.33
Abdomen			
- Force (kN)			0.739
Pelvis			
- Force (kN)			2.24
Upper Legs Force (kN)			
- Left	1.09	0.65	
- Right	2.3	1.82	
Knee Displacement (kN)			
- Left	0.17	0.92	
- Right	0	3.55	
Lower Legs Force (kN)			
- Left	1.39	1.63	
- Right	1.82	1.16	
Index (Upper   Lower)			
- Left	0.41   0.31	0.28   0.19	
- Right	0.45   0.28	0.2   15	

#### Bonus points (maximum 5)

Pole Test: Not eligible

Seat Belt Reminders: 1

#### Modifiers for offset test scores

Head	No deduction
Chest	No deduction
Upper leg	No deduction
Lower leg	No deduction
Foot score	4 pts
Structure	measured relative to the driver's seat.

Note: Steering column & pedal movements are

#### Modifiers for side impact test scores

Head		
Chest	T12 load	1.4 pt deduction
Upper leg		
Lower leg		
Foot score		
Structure		



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