

Crash Tests

New Car Safety

HONDA S2000(LHD)

1999 on

Dual front airbags

Overall Evaluation



Overall score 26.88 out of 37

Variant: ROADSTER Eng: 2 litre.

Kerb weight: 1290 kg Category: SPORTS

Vehicles built: 2002 Test by Euro NCAP

Important note: The *left-hand-drive* European model was tested by EuroNCAP. 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 Honda S2000 was introduced in Australia during 1999.

Dual front airbags are standard equipment. ABS brakes and 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 the front seat belts to reduce slack in the event of a crash.

OVERALL EVALUATION : 4 Stars

The Honda S2000 scored 11.63 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 15.25 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 3.31pts, upper legs 2pts, lower legs 2.32pts.

The passenger compartment held its shape reasonably well in the offset crash test. The brake pedal moved rearwards by 117mm and upwards 50mm. The footwell ruptured. The steering wheel hub moved rearwards 16mm, upwards 14mm and sideways 6mm. The front ("A") pillar moved 11mm rearwards. The width of the driver's doorway shortened by 4mm. All doors remained closed during the crash. After the crash both doors could be opened with normal effort.

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.

SIDE IMPACT CRASH TEST

Body region scores out of 4 points each: Head 4pts, chest 4pts, abdomen 3.25pts, pelvis 4pts.

The vehicle was not eligible for an optional pole impact test, since it did not have head-protecting side airbags. This test can earn a further 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		Side Impact Crash Test at 50km/h
	Driver	Passn	Driver
Head HIC	210	223	58
Acceleration (g for 3ms)	34.8	35.2	25.66
Neck - Shear (kN)	0.47	0.67	-
Tension (kN)	0.48	0.54	-
Extension (Nm)	4.57	5.12	-
Chest Accln (g for 3ms)			-
Compression (mm)	26.82	26	19.57
Viscous criterion (m/s)	0.07	0.05	0.1
Abdomen - Force (kN)	-	-	1.28
Pelvis - Force (kN)	-	-	1.93
Upper legs Force Left (kN)	0.27	0.13	
Right (kN)	0.27	0.18	
Knee displ (mm) Left	0	0.26	
Right	0	0.35	
Lower legs Force Left (kN)	1.27	1.84	
Right (kN)	1.3	1.88	
Index (Upper/Low) Left	0.31/0.15	0.32/0.24	
Right	0.32/0.37	0.35/0.21	

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 Footwell rupture	1pt deduction
Foot score	Score 2.32 points

Pedestrian rating – tested to previous protocol



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