

Crash Test Results

New Car Safety

SUZUKI SX4 (LHD)

2007 on

Front+side+head airbags



Offset crash test at 64km/h



ANCAP Occupant Protection
Rated ★★★★★

Occupant Protection Score 29.33 out of 37

Variant: 5 door hatch

Eng: 1.6 litre

Kerb weight: 1190 kg

Category: SMALL CAR

Vehicles built: 2006

Important note: The *left-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 Suzuki SX4 was introduced in Australia during 2007.

Dual front airbags, side airbags and head-protecting side curtains are standard equipment. Antilock brakes (ABS) with electronic brake distribution (EBD).

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.

OCCUPANT PROTECTION: 4 Stars

The Suzuki SX4 scored 11.33 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 a further two points in the optional pole test.

FRONTAL OFFSET CRASH TEST (v4.1)

Body region scores out of 4 points each: Head/neck 3 pts, chest 3.04 pts, upper legs 2 pts, lower legs 3.29 pts.

The passenger compartment held its shape well in the offset crash test. The clutch pedal moved rearwards by 60mm and upwards 28 mm. The steering wheel hub moved forwards 29mm, upwards 16 mm and sideways 7 mm. The front ("A") pillar moved 7 mm rearwards. All doors remained closed during the crash. After the crash high manual effort was required to open the driver's door.

The airbag cushioned the head of the driver and contact was stable but the airbag bottomed out. Steering column and dash components were a potential source of injury for the driver's knees. The passenger's head was cushioned by the airbag. Centre console and dash components were a potential knee hazard for the passenger.

SIDE IMPACT CRASH TEST (v4.1)

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

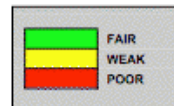
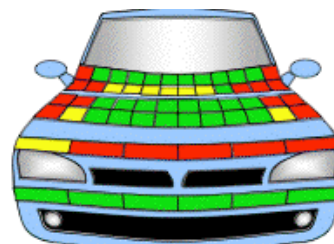
The vehicle was eligible for an optional pole impact test, since it had head-protecting side airbags and scored four points for the head in the side impact test. The manufacturer decided to go ahead with the pole test and the vehicle earned a further two points.

PEDESTRIAN PROTECTION RATING (v4.1)

PEDESTRIAN PROTECTION		
ANCAP Rated ★★☆☆	Child head impacts	8.21
	Adult head impacts	6.77
	Upper leg impacts	0.55
	Lower leg impacts	6
	Total (out of 36)	21.53

DRIVER

PASSENGER



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Canberra ACT
Australia 2601
SX4_07.DOC
Issued 6/6/07



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TECHNICAL DATA - SUZUKI SX4(LHD) - 2007 on

INJURY MEASUREMENTS

Body region	Offset Crash Test at 64km/h (v4.1)		Side Impact Crash Test at 50km/h (v4.1)
	Driver	Passenger	Driver
Head HIC	306	385	22
Acceleration (g for 3ms)	44.0	46.9	17.5
Neck - Shear (kN)	0.32	0.83	-
Tension (kN)	0.98	1.54	-
Extension (Nm)	36.0	17.0	-
Chest Accln (g for 3ms)	-	-	-
Compression (mm)	26.01	28.69	19.68
Viscous criterion (m/s)	0.10	0.10	0.15
Abdomen - Force (kN)	-	-	0.750
Pelvis - Force (kN)	-	-	1.610
Upper legs Force			
Left (kN)	2.04	0.49	
Right (kN)	0.52	0.20	
Knee displ (mm)			
Left	0.00	0.00	
Right	0.00	2.00	
Lower legs Force			
Left (kN)	1.51	1.33	
Right (kN)	1.94	1.20	
Index (Upper/Low)			
Left	0.37 /0.24	0.34 /0.14	
Right	0.56 /0.49	0.44/0.21	

Bonus points (maximum 5)

Pole Test: 2 pts

Seat belt reminders: None

Modifiers - deductions from offset test scores

Head	Airbag bottomed out	1 pt deduction
Chest		No deduction
Upper leg	Variable & conc. loading	2 pt deduction Left & Right
	Passenger	2 pt deduction Left (inboard)
Lower leg		No deduction
Foot score		Score 4 points



Modifiers - deductions from side impact test scores

Chest	No deduction
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Safety features

These specifications are subject to change. Please check with manufacturer for the latest specifications.

Driver airbag	S	Antilock (ABS) brakes / Electronic brake distribution	S/S
Passenger front airbag	S	Electronic stability control (ESC, VSC, DSC, ESP, VSA)	X
Side airbags, front seats - chest protection	S	3 point centre rear seat belt	S
Side airbags, front seats - head protection	S	Active head restraints - front seats	
Side airbags, rear seats - head protection	S	Intelligent seat belt reminder - driver	X
Driver knee airbag	X	Intelligent seat belt reminder - front passenger	X
Front seat belt pretensioners	S	Rear seat belt status indicator	X

Key:

S = standard on all variants

O = optional on base variant. May be standard on higher variants

V= not available on base variant but standard or optional on higher variants

X = not available on any variant