

ANCAP Safety Rating SUZUKI SX4 S-CROSS (From Dec 2013)



Test Vehicle(s).

Variant:	Suzuki SX4 S-cross 1.6 GL+ LHD
Kerb Mass:	1125 kg
Built:	2013
Engine:	1.6 petrol
Category:	SMALL CAR
Variant Applicability*:	Petrol front-wheel-drive only

Note: The petrol front-wheel-drive left-hand-drive European model was tested by Euro NCAP.



Frontal offset test at 64 km/h (Euro NCAP)

Airbags	ESC	Frontal Offset	Side Impact	Pole	Whiplash	Pedestrian	Seat Belt Reminders	Overall Score	ANCAP Safety Rating
Frontal + Side + Head + Knee	Standard	14.30 (out of 16)	16.00 (out of 16)	2 (out of 2)	GOOD	ACCEPTABLE	3 (out of 3)	35.30 (out of 37)	★★★★★

The tested model of Suzuki SX4 S-cross was introduced in Australia December 2013. This ANCAP safety rating applies to petrol front-wheel-drive variants. Other variants are unrated.

Dual frontal, side chest and side head airbags (curtains) and a driver knee airbag are standard. Antilock brakes (ABS), electronic brake distribution (EBD) and electronic stability control (ESC) are also standard.

In the offset crash test driver and passenger chest and leg protection was acceptable. In the side impact crash test driver head and chest protection was good. Head protection in the side pole test was good.

OCCUPANT PROTECTION

Frontal Offset Test.

Each body region is scored out of 4 points

Head / neck:	4.00 points
Chest:	2.94 points
Upper legs:	4.00 points
Lower legs:	3.36 points

The passenger compartment held its shape well in the offset test. Pedal and steering wheel displacements were well controlled. Driver and passenger contact with the airbags was stable. All doors remained closed during the crash.

Side Impact Test.

Each body region is scored out of 4 points

Head:	4.00 points
Chest:	4.00 points
Abdomen:	4.00 points
Pelvis:	4.00 points

Good protection was provided for the driver in the side impact test. The side airbags performed well.

Pole Test.

Scored out of 2 points

The vehicle was eligible for a side pole test because it has side curtain airbags. The vehicle scored the maximum 2 points for head protection in this test.

Whiplash Protection Test.

Whiplash protection is assessed to the RCAR Protocol

Geometric test:	GOOD
Dynamic test:	GOOD

Overall whiplash rating: GOOD

Injury Outcomes.

Frontal Offset Driver



Passenger



Side Impact & Pole Driver



Whiplash



ANCAP Safety Rating SUZUKI SX4 S-CROSS (From Dec 2013)



ANCAP
Safety ★★★★★

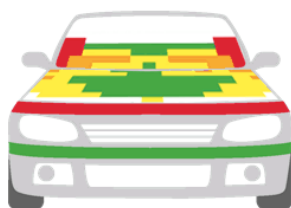
PEDESTRIAN PROTECTION

Pedestrian Test.

ACCEPTABLE - Scored 26.22 out of 36 points

Child head impacts:	10.22 points
Adult head impacts:	10.00 points
Upper leg impacts:	0.00 points
Lower leg impacts:	6.00 points

The bumper scored maximum points for its protection of pedestrians' legs, with good results in all areas tested. However, the front edge of the bumper scored no points, with poor protection of the pelvis area. The bonnet surface provided mostly good or adequate protection to the head of a struck pedestrian with poor results being recorded only at the stiff windscreen pillars.



■	GOOD
■	ADEQUATE
■	MARGINAL
■	WEAK
■	POOR



Suzuki SX4 S-cross

(Tested by Euro NCAP v6.0)

SAFETY FEATURES

These specifications are subject to change. Please check with manufacturer for the latest specifications. For a description of these safety features and safety rating requirements see the ANCAP Rating Road Map.

Safety Assist Technology (SAT)	Availability
Front airbag - driver	S
Front airbag - passenger	S
Side airbags (chest protection) - front seats	S
Side airbags (head protection) - front seats	S
Side airbags (head protection) - 2nd row seats	S
Knee airbag - driver	S
Three-point seat belts for all forward facing seats	S
Seat belt pretensioners (front / rear outboard)	S / X
Intelligent seat belt reminder - driver	S
Intelligent seat belt reminder - front passenger	S
Intelligent seat belt reminder - 2nd row seats	S
Head restraints for all seats	S
Antilock brakes (ABS)	S
Electronic brake distribution (EBD)	S
Emergency brake assist (EBA)	S
Electronic stability control (ESC)	S
Adaptive cruise control (ACC)	X
Autonomous emergency braking (AEB)	X
Lane support system	X
Tyre pressure monitoring	S
Hill launch assist	V
Automatic headlights	V
Daytime running lights	S

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.

INJURY MEASUREMENTS

Body Region	Frontal offset test at 64 km/h (v6.0)		Side impact test at 50 km/h (v6.0)
	Driver	Passenger	Driver
Head			
HIC	249.00	296.00	54.00
Acceleration (g for 3ms)	40.00	41.00	23.30
Neck			
Shear (kN)	0.44	0.56	-
Tension (kN)	1.48	0.60	-
Extension (Nm)	8.90	15.60	-
Chest			
Acceleration (g for 3ms)	-	-	-
Compression (mm)	29.41	23.07	16.60
Viscous criterion (m/s)	0.09	0.09	0.07
Abdomen			
Force (kN)	-	-	0.64
Pelvis			
Force (kN)	-	-	1.50
Upper legs			
Femur force left (kN)	1.06	0.80	
Femur force right (kN)	0.83	0.35	
Knee displacement left (mm)	1.12	0.99	
Knee displacement right (mm)	1.35	0.00	
Lower legs			
Force left (kN)	1.84	2.58	
Force right (kN)	2.96	1.47	
Index (upper / lower) left	0.24 / 0.17	0.39 / 0.28	
Index (upper / lower) right	0.32 / 0.34	0.26 / 0.20	

INTRUSION MEASUREMENTS

Steering Column

Rearwards:	32mm
Upwards:	10mm
Sideways:	0mm

Pedals

Clutch (rearwards):	14mm
Clutch (upwards):	6mm
A-Pillar (rearwards):	2mm

SCORE DEDUCTIONS

Deductions from frontal offset test scores

No deductions for offset test

Deductions from side impact test score

No deductions for side impact test.

Deductions from pole test score

No deductions for pole test.

* For information about the application of ANCAP ratings to model variants see the ANCAP Variant Policy. In brief, ratings do not automatically extend to variants that have different body styles, engine configurations, driven wheels or occupant restraint systems (e.g. fewer airbags). In these cases ANCAP considers technical evidence submitted by manufacturers before deciding on extending a rating to additional variants of a model.

^ Refer ANCAP Rating Road Map (www.ancap.com.au/media).

DOCUMENT REF: SX4_13
CREATED / REVISED: 13/12/2013