

# ANCAP Safety Rating

## SUZUKI SWIFT (June 2017 - onwards)

### GL



Suzuki Swift (GL)

### This ANCAP safety rating applies to:

Make / Model	Suzuki Swift
Year Range	June 2017 - onwards
Variant(s)*	GL (base) variant only
Vehicle Type	Light Car

The tested model of Suzuki Swift (AZ) was introduced in Australia and New Zealand in June 2017. This ANCAP safety rating applies to the GL (base) variant only. A separate rating applies to other Swift variants.

Dual frontal, side chest and side head-protecting (curtain) airbags are standard. Autonomous emergency braking (AEB), blind spot monitoring (BSM) and lane support systems (LSS) are not available on the GL (base) variants. A full list of safety features and technologies can be viewed within the *Safety Features & Technologies* table on page 2 of this report.

### Injury Outcomes.

#### Frontal Offset

Driver

Passenger



#### Side Impact & Pole#

Driver



#### Whiplash Protection

Driver



GOOD
ACCEPTABLE
MARGINAL
POOR

# Head protection only.

### Test Results Summary.

Airbags	Dual Frontal, Side, Head
Frontal Offset Test	14.39 (out of 16)
Side Impact Test	15.74 (out of 16)
Pole Test	2.00 (out of 2)
Whiplash Protection	Good
Pedestrian Protection	Good
ESC	Standard
Seat Belt Reminders	3.00 (out of 3)
Overall Score	32.49* (out of 37)
ANCAP Safety Rating	★★★★★
Rating Year^	2017

\*Overall score truncated. Rating limited to 4 stars because the vehicle does not meet the minimum safety assist technologies (SAT) requirements for a 5 star ANCAP safety rating.

### Occupant Protection.

#### Frontal Offset Test

Each body region is scored out of 4 points

Head / neck:	4.00 points
Chest:	3.19 points
Upper legs:	4.00 points
Lower legs:	3.20 points

The passenger compartment held its shape well in the frontal 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. After the crash all doors could be opened with normal effort.

#### Side Impact Test

Each body region is scored out of 4 points

Head:	4.00 points
Chest:	3.74 points
Abdomen:	4.00 points
Pelvis:	4.00 points

There was a slight risk of serious chest injury for the driver in the side impact test. Good protection was offered to other critical body regions.

#### Pole Test

Scored out of 2 points

Score:	2.00 points
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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

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## Pedestrian Protection.

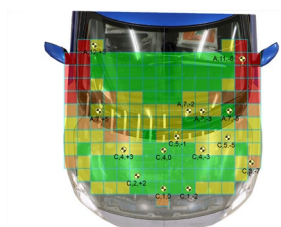
### Pedestrian Test

Scored out of 36 points

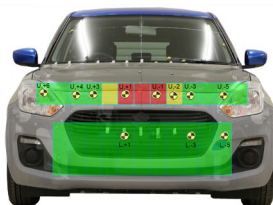
Adult & child head impacts: 17.97 points  
Upper leg impacts: 4.47 points  
Lower leg impacts: 6.00 points

This vehicle scored 28.44 out of 36 points. Performance was mostly good for head impacts on the bonnet and windscreen. The bumper performed well for lower leg impacts. Protection offered to the upper legs was mixed, with poor results seen at the centre of the bonnet edge. (v8.3)

### Child and adult head impact



### Adult leg impact (upper and full legforms)



## Score Deductions.

### Deductions from frontal offset test scores

Head / neck: No deductions  
Chest: No deductions  
Upper legs: No deductions  
Lower legs: No deductions  
Overall: No deductions

### Deductions from side impact test score

Head / neck: No deductions  
Chest: No deductions  
Abdomen: No deductions  
Pelvis: No deductions  
Overall: No deductions

### Deductions from pole test score

Head: No deductions

## Safety Features & Technologies.

Descriptions of each of these safety features and safety assist technologies (SAT) and detail on fitting requirements for each star rating level can be found at [ancap.com.au](http://ancap.com.au).

Safety Feature / Safety Assist Technology	Availability
Seat belts (three-point, lap/sash) for all forward-facing seats	S
Seat belt pretensioners (front)	S
Seat belt pretensioners (rear outboard)	S
Intelligent seat belt reminder (driver)	S
Intelligent seat belt reminder (front passenger)	S
Intelligent seat belt reminder (2 <sup>nd</sup> row seats)	S
Airbag – Frontal (driver)	S
Airbag – Frontal (passenger)	S
Airbag – Side, chest protection (front seats)	S
Airbag – Side, chest protection (2 <sup>nd</sup> row seats)	X
Airbag – Side, head protection (front seats)	S
Airbag – Side, head protection (2 <sup>nd</sup> row seats)	S
Airbag – Knee (driver)	X
Airbag – Knee (front passenger)	X
Head restraints for all seats	S
Adaptive cruise control (ACC)	V
Antilock braking system (ABS)	S
Autonomous emergency braking (AEB)	
- City	V
- Interurban	V
- Vulnerable road user	V
Automatic headlights	V
Automatic high beam	V
Blind spot monitoring (BSM)	X
Electronic brakeforce distribution (EBD)	S
Electronic stability control (ESC)	S
Emergency brake assist (EBA)	S
Emergency stop signal (ESS)	S
Fatigue reminder	X
Lane support system (LSS)	V
Daytime running lights (DRL)	S
Hill launch assist	V
Reversing collision avoidance	V
Speed assistance - automatic / intelligent speed limiting (ISA)	X
Speed assistance - manual speed limiting	S
Speed assistance - speed sign recognition & warning	X
Tyre pressure monitoring system (TPMS)	X

**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.

**E** = Available in Europe but not available on any Australasian variant.

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

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### Injury Values & Measurements.

Body Region	Frontal offset test at 64 km/h (v5.1)		Side impact test at 50 km/h (v5.1)
	Driver	Passenger	Driver
<b>Head</b>			
HIC	319	245	97
Acceleration (g for 3ms)	43.50	39.60	30.10
<b>Neck</b>			
Shear (kN)	0.42	-0.75	-
Tension (kN)	1.20	0.80	-
Extension (Nm)	9.70	17.50	-
<b>Chest</b>			
Acceleration (g for 3ms)	-	-	-
Compression (mm)	27.69	25.58	23.30
Viscous criterion (m/s)	0.09	0.12	0.15
<b>Abdomen</b>			
Force (kN)	-	-	0.69
<b>Pelvis</b>			
Force (kN)	-	-	2.86
<b>Upper legs</b>			
Femur force left (kN)	1.19	0.13	
Femur force right (kN)	0.14	0.48	
Knee displacement left (mm)	0.00	0.40	
Knee displacement right (mm)	0.01	4.21	
<b>Lower legs</b>			
Force left (kN)	3.19	1.69	
Force right (kN)	2.92	1.18	
Index (upper / lower) left	0.45 / 0.58	0.44 / 0.22	
Index (upper / lower) right	0.44 / 0.28	0.33 / 0.14	
<b>Intrusion Measurements*</b>			
<b>Steering column</b>			
Forward (mm)	26		
Upward (mm)	5		
Sideways (mm)	9		
<b>Pedals</b>			
Accelerator - rearward (mm)	38		
Accelerator - upward (mm)	33		
<b>A-Pillar</b>			
Rearward (mm)	6		

+ Steering column and pedal movements are measured relative to the driver's seat.

\* **Model Variants:** ANCAP safety 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. For further information about the application of ANCAP safety ratings to model variants, see the ANCAP Variant Policy.

^ **Rating Year:** The Rating Year denotes the year requirements against which a vehicle has been assessed. The Rating Year is determined by ANCAP and may be based on the year in which a new vehicle model is first launched into the Australian and/or New Zealand markets; the year in which the vehicle was tested (if tested by Euro NCAP); or, for vehicles which hold an existing ANCAP safety rating, the year in which the rating was updated (or earlier applicable year).

### Assessment Details.

Tested Make / Model Suzuki Swift GL

Tested Vehicle(s) Built 2017

Tested Body Type Hatch

Tested Vehicle Kerb Weight 868 kg

Tested Vehicle Engine 1.2 litre petrol

Tested By ANCAP

Assessed By ANCAP

Document Reference Swift\_17

Document Created / Revised 26 September 2017

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Rating Updated n/a



Frontal offset test at 64km/h