

# ANCAP Safety Rating

## VW GOLF (April 2013 - onwards)



Volkswagen Golf

### This ANCAP safety rating applies to:

<b>Make / Model</b>	Volkswagen Golf
<b>Year Range</b>	April 2013 - onwards
<b>Variant(s)*</b>	All front-wheel-drive variants
<b>Vehicle Type</b>	Small Car

The tested model of VW Golf was introduced in Australia and New Zealand in 2013. This ANCAP safety rating is based on Euro NCAP tests conducted in 2012 and applies to all front-wheel-drive variants (all engines and all body styles) including the Golf Wagon. The Golf Alltrack is unrated.

Dual frontal, side chest and side head airbags (curtains) and a driver knee airbag are standard. Advanced seat belt reminders are fitted to both front seats. Reversing collision avoidance and secondary collision brake assist are standard. 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



#### Side Impact & Pole#



#### Whiplash Protection



# Head protection only.

### Test Results Summary.

<b>Airbags</b>	Dual Frontal, Side, Head, Knee
<b>Frontal Offset Test</b>	15.92 (out of 16)
<b>Side Impact Test</b>	16.00 (out of 16)
<b>Pole Test</b>	2.00 (out of 2)
<b>Whiplash Protection</b>	Good
<b>Pedestrian Protection</b>	Acceptable
<b>ESC</b>	Standard
<b>Seat Belt Reminders</b>	2.00 (out of 3)
<b>Overall Score</b>	35.92 (out of 37)
<b>ANCAP Safety Rating</b>	★★★★★
<b>Rating Year^</b>	2013

### Occupant Protection.

#### Frontal Offset Test

Each body region is scored out of 4 points

Head / neck:	4.00 points
Chest:	4.00 points
Upper legs:	4.00 points
Lower legs:	3.92 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.

#### 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.

#### 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

### Pedestrian Protection.

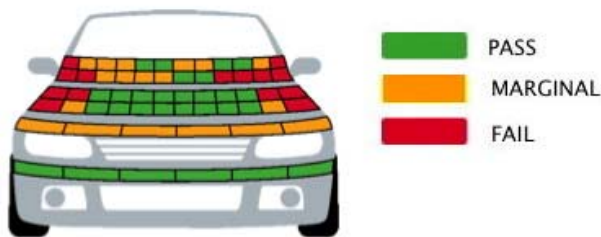
#### Pedestrian Test

Scored out of 36 points

Adult & child head impacts: 14.75 points  
 Upper leg impacts: 2.76 points  
 Lower leg impacts: 6.00 points

This vehicle scored 23.51 out of 36 points (Acceptable). The bumper scored maximum points for its protection of pedestrians' legs. The front edge of the bonnet showed a marginal level of protection in all areas tested. Protection was good in most areas of the bonnet likely to be struck by the head of a child but the protection offered to the head of an adult was predominantly poor or marginal.

(Tested by Euro NCAP v6)



### Score Deductions.

#### Deductions from frontal offset test scores

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

#### Deductions from side impact test score

Head / neck: No deductions  
 Chest: No deductions  
 Abdomen: No deductions  
 Pelvis: 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)	X
Intelligent seat belt reminder (driver)	S
Intelligent seat belt reminder (front passenger)	S
Intelligent seat belt reminder (2 <sup>nd</sup> row seats)	X
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)	S
Airbag - Knee (front passenger)	X
Head restraints for all seats	S
Adaptive cruise control (ACC)	V
Adaptive front lighting systems	V
Antilock braking system (ABS)	S
Autonomous emergency braking (AEB)	
- City	V
- Interurban	X
- Vulnerable road user	X
Automatic headlights	V
Automatic high beam	X
Blind spot monitoring (BSM)	V
Electronic brakeforce distribution (EBD)	S
Electronic stability control (ESC)	S
Emergency brake assist (EBA)	S
Emergency stop signal (ESS)	S
Lane support system (LSS)	X
Daytime running lights (DRL)	S
Hill launch assist	S
Rain-sensing wipers	V
Reversing collision avoidance	S
Secondary collision brake assist	S
Speed assistance - automatic / intelligent speed limiting (ISA)	X
Speed assistance - manual speed limiting / alarm	S
Speed assistance - speed sign recognition / map	X
Tyre pressure monitoring system (TPMS)	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.

**E** = Available in Europe / USA 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 (v6)		Side impact test at 50 km/h (v6)
	Driver	Passenger	Driver
<b>Head</b>			
HIC	324.00	207.00	72.00
Acceleration (g for 3ms)	43.80	35.90	27.60
<b>Neck</b>			
Shear (kN)	0.42	0.37	-
Tension (kN)	1.44	0.75	-
Extension (Nm)	12.30	20.50	-
<b>Chest</b>			
Acceleration (g for 3ms)	-	-	-
Compression (mm)	18.14	11.99	21.55
Viscous criterion (m/s)	0.05	0.02	0.20
<b>Abdomen</b>			
Force (kN)	-	-	0.68
<b>Pelvis</b>			
Force (kN)	-	-	1.59
<b>Upper legs</b>			
Femur force left (kN)	0.36	0.20	
Femur force right (kN)	0.54	0.30	
Knee displacement left (mm)	0.60	0.10	
Knee displacement right (mm)	0.40	0.00	
<b>Lower legs</b>			
Force left (kN)	2.12	1.59	
Force right (kN)	1.52	1.55	
Index (upper / lower) left	0.25 / 0.22	0.26 / 0.12	
Index (upper / lower) right	0.22 / 0.26	0.25 / 0.12	
<b>Intrusion Measurements</b>			
<b>Steering column</b>			
Forward (mm)	42		
Downward (mm)	13		
Sideways (mm)	4		
<b>Pedals</b>			
Clutch - rearward (mm)	38		
Clutch - upward (mm)	37		
<b>A-Pillar</b>			
Rearward (mm)	0		

\* **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	VW Golf 1.2 TSi
Tested Vehicle(s) Built	2012
Tested Body Type	5 door hatch
Tested Vehicle Kerb Weight	1205 kg
Tested Vehicle Engine	1.2 litre petrol
Tested By	Euro NCAP
Assessed By	ANCAP
Document Reference	GOLF16
Document Created / Revised	21 October 2016
Rating Published	April 2013
Rating Updated	October 2016



Frontal offset test at 64km/h