

Crash Tests

New Car Safety

Volkswagen Golf

07/1998 on 02/2002 - Dual Frontal

Overall Evaluation



Overall Score

24.78 out of 34

Variant: Golf 4 (5 door hatch only)

Engine: 1.6 litre, 4 cyl
Category: Small Car

The left-hand-drive European Golf with side airbags was tested by EuroNCAP. Australian specifications may vary and therefore models sold in Australia might provide different levels of protection to those described on this sheet.

Model History and Safety Features

Dual front airbags are standard equipment in Australia and Europe. Side airbags are standard in Europe but are not currently available on most variants in Australia.

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 to the front seat belts to reduce slack in the event of a severe crash.

Overall Evaluation: 4

The VW Golf performed reasonably well in the offset crash test (score 10.09 out of 16). The passenger compartment held its shape very well and intrusion was well controlled, except for brake pedal movement.

The vehicle performed very well in the side impact crash (score 14.69 out of 16).

Frontal Offset Crash Test

The passenger compartment held its shape very well. However the brake pedal moved rearwards by 17cm. The width of the driver's doorway shortened by 3cm. All doors remained closed during the crash. After the crash all doors could be opened with normal effort.

The driver's head was cushioned by the airbag and contact was stable but during rebound the driver's head hit the centre pillar. The airbag provided good head protection for the passenger, although chest protection could be improved.

Side Impact Crash Test

The centre pillar and the side doors were pushed inwards moderately.

The seat-mounted side airbag cushioned the driver's chest and abdomen and protection was adequate (the side airbag is not standard equipment in Australia).

The vehicle was not eligible for a Pole Impact Test since it did not have head-protecting side airbags. This test can earn eligible vehicles an extra two points, giving a maximum possible overall score of 34 points.

Pedestrian rating (v2)



Detailed information not available.

Offset crash test at 64km/hr



Injury Measurements

Refer to the information sheet 'How the tests are done'	Offset Crash Test at 64km/h (v2)		Side Impact Crash Test at 50km/h (v2)
	Driver	Passn	Driver
Head			
- HIC	283	180	83
- Acceleration (g for 3ms)	44	33	35
Neck			
- Shear (kN)			
- Tension (kN)			
- Extension (Nm)	14	16	
Chest			
- Acceleration (g for 3ms)	49	52	
- Compression (mm)	29	35.65	25.35
- Viscous Criterion (m/s)	0.16	0.28	0.3
Abdomen			
- Force (kN)			1.24
Pelvis			
- Force (kN)			2.03
Upper Legs Force (kN)			
- Left			
- Right			
Knee Displacement (kN)			
- Left	0.08	2.1	
- Right	3.4	0	
Lower Legs Force (kN)			
- Left	1.6	3.2	
- Right	1.8	1.7	
Index (Upper Lower)			
- Left	0.95 0.38	0.55 0.35	
- Right	0.65 0.4	0.41 0.21	

Bonus points (maximum 5)

Pole Test: Zero points

Seat Belt Reminders: None fitted - zero points

Modifiers for offset test scores

Head	No deduction
Chest	No deduction
Upper leg	Variable loading
Lower leg	1 pt penalty L & R
Foot score	No deduction
Structure	Score 1.04 pts
	No deduction

Modifiers for side impact test scores

Head	Not assessed
Chest	Not assessed
Upper leg	Not assessed
Lower leg	Not assessed
Foot score	Not assessed
Structure	Not assessed



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