

# Crash Test Results

## New Car Safety

### VW CADDY VAN (LHD)

2007 on

Dual front & side airbags\*



Offset crash test at 64km/h

#### FRONTAL OFFSET CRASH TEST (v4.1)

Body region scores out of 4 points each: Head/neck 4 pts, chest 2.59 pts, upper legs 2 pts, lower legs 3.87 pts.

The passenger compartment held its shape well in the offset crash test. The clutch pedal moved rearwards by 97 mm and upwards 3 mm. The steering wheel hub moved 16mm forward, 27mm upward and 9mm sideways. The front ("A") pillar moved 44 mm rearwards. All doors remained closed during the crash. After the crash the driver's door could be opened with high manual effort.

The airbag cushioned the head of the driver and contact was stable. Dash components were a potential source of injury for the driver and passenger knees. The passenger's head was cushioned by the airbag.

#### 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 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.

#### PEDESTRIAN PROTECTION RATING (v4.1)

PEDESTRIAN PROTECTION		
<p>Rated ★★☆☆</p> <p>Tested by Euro NCAP</p>	Child head impacts	4.8
	Adult head impacts	7.7
	Upper leg impacts	Zero
	Lower leg impacts	Zero
	Total (out of 36)	12.5



■ GOOD  
■ ADEQUATE  
■ MARGINAL

#### Occupant Protection Score 28.46 out of 37

\* Safety equipment, as tested, not standard on all variants

Variant: Life

Eng: 1.9 litre diesel

Kerb weight: 1390 kg

Category: Van

Vehicles built: 2007

Tested by Euro NCAP

**Important note:** The *diesel left-hand-drive* European Caddy Life with dual front and side airbags 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 Volkswagen Caddy was introduced into Australia during 2006.

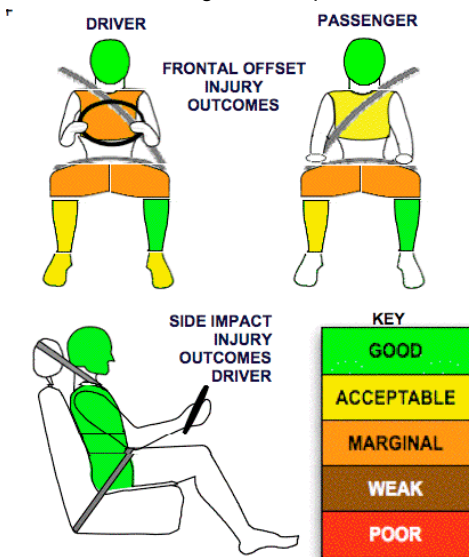
A driver airbag is standard on the van. Antilock brakes (ABS) with Electronic Brakeforce Distribution (EBD) are also standard. Chest-protecting side airbags and a front passenger airbag are optional in Australia but were fitted to the vehicle tested by Euro NCAP. Electronic stability control (ESC) is also optional. An intelligent seat belt reminder is fitted to the driver seat of the Australian model.

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 crash.

#### OCCUPANT PROTECTION: 4 Stars

The Caddy Van scored 12.46 out of 16 in the offset crash test. The passenger compartment held its shape well. Protection from serious chest and leg injury was marginal for the driver.

The vehicle scored 15 out of 16 in the side impact crash test. Injury measurements were all good but a door unlatched, resulting in a one point deduction.



September 2008

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Issued 17/9/2008



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Crash testing for safety

AUSTRALASIAN  
NEW CAR ASSESSMENT  
PROGRAM

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# TECHNICAL DATA - VW CADDY VAN - 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
<b>Head HIC</b>	582	429	24
Acceleration (g for 3ms)	60.5	53.4	15.7
<b>Neck - Shear (kN)</b>	0.52	0.37	-
Tension (kN)	1.37	0.81	-
Extension (Nm)	9.4	17.8	-
<b>Chest Accln (g for 3ms)</b>			-
Compression (mm)	31.85	26.01	20.13
Viscous criterion (m/s)	0.16	0.08	0.14
<b>Abdomen - Force (kN)</b>	-	-	0.670
<b>Pelvis - Force (kN)</b>	-	-	1.080
<b>Upper legs Force (kN)</b>			
Left	2.70	2.54	
Right	1.43	0.04	
Knee displ (mm)			
Left	5.70	1.00	
Right	5.20	0.10	
<b>Lower legs Force (kN)</b>			
Left	1.44	1.08	
Right	2.20	2.08	
Index (Upper/Low)			
Left	0.31 /0.24	0.30 /0.17	
Right	0.29 /0.23	0.39/0.3	

### Bonus points (maximum 5)

Pole Test: Not eligible due to a lack of head-protecting side airbags

Seat belt reminders: 1 pt (see table below for details)

### Modifiers - deductions from offset test scores

Head No deduction  
 Chest No deduction  
 Upper leg Variable & conc. loading 2 pt deduction Left & Right  
 for driver and passenger  
 Lower leg No deduction  
 Foot score Blocked pedal Score 3.88 points

### Modifiers - deductions from side impact test scores

Chest No deduction  
 Door unlatched 1pt deduction

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

\* The Australian model has a driver seat belt reminder that earned a bonus point. The vehicle tested by Euro NCAP did not have this bonus point and so the overall score by ANCAP is higher than the Euro NCAP one.

Key: √ = Fitted to vehicle that was crash tested (where not standard)

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