ANCAP Safety Rating

MERCEDES-BENZ VALENTE

(July 2015 - December 2022)





Mercedes-Benz Valente

This ANCAP safety rating applies to: Make / Model Mercedes-Benz Valente Year Range July 2015 - December 2022 Variant(s)* All variants excluding eVito Tourer

People Mover

The Mercedes-Benz Valente was introduced in Australia and New Zealand in mid-2015. The ANCAP safety rating for the Valente is based on crash tests of the Mercedes-Benz V-Class. ANCAP was provided with technical information which showed that the crash test results of the V-Class apply to Valente variants. This 5 star ANCAP safety rating applies to all Valente variants excluding the eVito Tourer. Dual frontal airbags are standard. Dual frontal, side chest and side head-protecting airbags (all three rows) are standard.

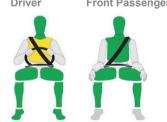
NOTE: Mercedes-Benz have advised that some safety features included in the originally-rated model are not fitted to models built from April 2021. Removal of these features does not affect the ANCAP safety rating. See the Safety Features & Technologies table on page 2.

Injury Outcomes.

Vehicle Type

Full Width Frontal Frontal Offset Rear Passenger **Front Passenger** Driver

[NOT APPLICABLE]



Side Impact Driver



Whiplash Protection Rear

[NOT APPLICABLE]



Front ACCEPTABLE MARGINAL

Test Results Summary.

Airbags	Dual Frontal, Side, Head
Adult Occupant Protection	93% (33.81 out of 36)
- Full Width Frontal Test	[Not applicable]
- Frontal Offset Test	15.76 (out of 16)
- Side Impact Test#	8.00 (out of 8)
- Pole Test#	6.35 (out of 8)
- Whiplash Protection Test	3.70 (out of 4)
- AEB (City)	[Not applicable]
Child Occupant Protection	87% (43.00 out of 49)
Safety Assist	85% (6.00 out of 7)
- Speed Assistance System	1.00 (out of 1)
- ESC	3.00 (out of 3)
- Seat Belt Reminders	2.00 (out of 3)
- Lane Support System	[Not applicable]
- AEB (Interurban)	[Not applicable]
Pedestrian Protection	67% (20.14 out of 30)
ANCAP Safety Rating [~]	****
Rating Year^	2014

[~]Rated to Euro NCAP Heavy Vehicle Test and Assessment Protocol. # Scaled scores. Total test score out of 16.00 points.

Adult Occupant Protection.

Full Width Frontal Test

[Not applicable]

Frontal Offset Test

Each body region is scored out of 4 points

Driver

Head / neck: 4.00 points Chest: 3.76 points Upper legs: 4.00 points Lower legs: 4.00 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 Pole Test

Each body region is scored out of 4 points

-	_		
Head:	4.00 points	Head:	4.00 points
Chest:	4.00 points	Chest:	1.64 points
Abdomen:	4.00 points	Abdomen:	3.07 points
Pelvis:	4.00 points	Pelvis:	4.00 points

Good protection was provided for the driver in the side impact test. The side airbags performed well. This variant was eligible for a side pole test because it has side head airbags. Driver chest protection was marginal in this test.

Whiplash Protection

Front geometry: 3.70 points Rear geometry: [Not applicable] AEB (City): [Not applicable]

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Child Occupant Protection.

Crash Test Performance

18 month old child: 12.00 points 3 year old child: 12.00 points

Child Safety Features

Safety features: 7.00 points Installation check: 12.00 points

NOTE: The child restraints tested by Euro NCAP are relevant to the European market. For Australasian consumers, this information should be used as a guide to vehicle features only. For more detailed information about Australian child restraints visit childcarseats.com.au.

Pedestrian Protection.

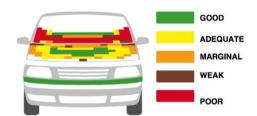
Pedestrian Test

Scored out of 30 points

Adult & child head impacts: 14.14 points Upper leg impacts: [Not tested] Lower leg impacts: 6.00 points

This vehicle scored 20.14 out of 30 points (Acceptable). Owing to the height and geometry of the front of the test vehicle, no tests were performed against the front edge of the bonnet. The protection provided against head injury on the bonnet surface was mostly in the range from marginal to good, with poor results recorded on the stiff windscreen pillars. The bumper scored maximum points in Euro NCAP tests, offering good protection to pedestrians' legs.

(Tested by Euro NCAP v7 Heavy Vehicles)



Score Deductions.

Deductions from full width frontal test scores [Not applicable]

Deductions from frontal offset test scores

Head / neck:

Chest:

Upper legs:

Lower legs:

No deductions
No deductions
No deductions
No deductions

Deductions from side impact test score Chest: No deductions

Deductions from pole test score

Head: No deductions

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.

* = Not fitted to models built from April 2021.

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**.

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 nd row seats)	Х
Intelligent seat belt reminder (3 rd row seats)	Х
Airbag - Frontal (driver)	S
Airbag - Frontal (passenger)	S
Airbag - Side, chest protection (front seats)	S
Airbag - Side, chest protection (2 nd row seats)	X
Airbag - Side, chest protection (3 rd row seats)	X
Airbag - Side, head protection (front seats)	S
Airbag - Side, head protection (2 nd row seats)	S
Airbag - Side, head protection (3 rd row seats)	S
Airbag - Knee (driver)	X
Airbag - Knee (front passenger)	X
Head restraints for all seats	S
Adaptive cruise control (ACC)	X
Adaptive front lighting systems	V
Antilock braking system (ABS)	S
Attention assist	S
Autonomous emergency braking (AEB)	
- City	X
- Interurban	X
- Vulnerable road user	X
Automatic headlights	S
Automatic high beam	V
Blind spot assist	V
Electronic brakeforce distribution (EBD)	S
Electronic stability control (ESC)	S
Emergency brake assist (EBA)	S
Emergency stop signal (ESS)	S
Following distance warning	V V
Lane support system (LSS)	v S
Daytime running lights (DRL) Hill launch assist	S
Pre-crash systems	V / X*
Reversing collision avoidance (camera & sensor)	S#
Rollover stability control	S
Speed limit information function (SLIF)	X
Speed assistance - automatic/intelligent speed	
limiting (ISA)	X
Speed assistance - manual speed limiting	<u> </u>
Trailer stability control	
Tyre pressure monitoring system (TPMS)	V

Standard on MY16 Valente

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

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Injury Values & Measurements.

Steering column Forward (mm)

Upward (mm)

Pedals

A-Pillar Rearward (mm)

Sideways (mm)

Brake - rearward (mm)

Accelerator - upward (mm)

Body Region	at 5	offset test 6km/h e Protocol v1.2)		th frontal test 50km/h	Side impact test at 50km/h (v6)	Pole test at 29km/h (v6)
	Driver	Front Passenger	Driver	Rear Passenger	Driver	Driver
Head						
HIC	200.00	251.00			30.00	385.82
Acceleration (g for 3ms)	34.50	39.90			20.50	54.83
Neck						
Shear (kN)	0.42	0.69			-	-
Tension (kN)	1.07	1.31			-	-
Extension (Nm)	13.50	23.90			-	-
Chest				_		
Acceleration (g for 3ms)	-	-	-	ABLE]	-	-
Compression (mm)	23.66	20.18		ΑB	21.66	29.90
Viscous criterion (m/s)	0.07	0.05		<u> </u>	0.17	0.23
Abdomen				Λ		
Force (kN)	-	-	-	- A	0.40	1.35
Pelvis				<u> </u>		
Force (kN)	-	-	-	<u>S</u> -	0.58	2.81
Upper legs						
Femur force left (kN)	0.49	1.55			_	
Femur force right (kN)	0.43	0.11			_	
Knee displacement left (mm)	0.09	4.00			_	
Knee displacement right (mm)	1.19	0.22			_	
Lower legs						
Force left (kN)	0.98	1.45	-	-	=	
Force right (kN)	0.91	1.05	-	-	_	
Index (upper / lower) left	0.21 / 0.15	0.29 / 0.18	-	-	_	
Index (upper / lower) right	0.19 / 0.14	0.27 / 0.11	-	-	_	
Intrusion Measurements						

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[^] 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	Mercedes-Benz V-Class		
Tested Vehicle(s) Built	2014		
Tested Body Type	Van		
Tested Vehicle Kerb Weight	2210 kg		
Tested Vehicle Engine	2.2 litre diesel		
Tested By	Euro NCAP		
Assessed By	Euro NCAP		
Document Reference	VALENTE15		
Document Created / Revised	9 May 2016 / 21 November 2016		
Rating Published	May 2016		
Rating Updated	October 2022		



Frontal offset test at 56km/h (Mercedes-Benz V-Class)

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^{*} 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.