

ANCAP Safety Rating

GREAT WALL MOTORS V200

(From 2011)



Test Vehicle(s).

Test Variant:	4x4 Single Cab
Kerb Mass:	1750 kg
Built:	2014
Engine:	2L diesel
Category:	Utility / Van
Variant Applicability*:	4x4 single cab only



Frontal offset test at 64 km/h

Airbags	ESC	Frontal Offset	Side Impact	Pole	Whiplash	Pedestrian	Seat Belt Reminders	Overall Score	ANCAP Safety Rating
Dual Frontal	None	6.07 (out of 16)	16.00 (out of 16)	NOT TESTED	NOT TESTED	NOT TESTED	0 (out of 3)	22.07 (out of 37)	★★★★★

The tested model of Great Wall Motors V200 was introduced in Australia during 2011. This ANCAP safety rating only applies to 4x4 single cab variants. A separate rating is available for the dual-cab V240.

Dual front airbags and antilock brakes (ABS) are standard. Electronic stability control (ESC) is not available. There are no advanced seat belt reminders.

In the frontal offset frontal crash test, driver chest and upper leg protection was marginal and lower leg protection was poor. Chest protection for the passenger was marginal.

OCCUPANT PROTECTION

Frontal Offset Test.

Each body region is scored out of 4 points

Head / neck:	4.00 points
Chest:	0.07 points
Upper legs:	2.00 points
Lower legs:	0.00 points

The passenger compartment lost structural integrity in the frontal offset crash test. Accelerator pedal movement was excessive. After the crash, tools were required to open the driver door. Steering column components were a potential source of knee injury for the driver. Dash components were a potential source of knee injury for the passenger.

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

The side impact test normally used by ANCAP simulates a small car striking the driver's door of the test vehicle. Experience shows that large vehicles like the V200 can be expected to perform well in this test. ANCAP has adopted a policy of awarding these types of vehicles a default score of 16 points (out of 16).

Pole Test.

Not eligible for pole test as the V200 lacks head-protecting side airbags.

Whiplash Protection Test.

[NOT TESTED]

Injury Outcomes.

Frontal Offset
Driver



Passenger



Side Impact
Driver



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PEDESTRIAN PROTECTION

Pedestrian Test.

[NOT TESTED]



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SAFETY FEATURES

These specifications are subject to change. Please check with manufacturer for the latest specifications. For a description of these safety features and safety rating requirements see the ANCAP Rating Road Map.

Safety Assist Technology (SAT)	Availability
Front airbag - driver	S
Front airbag - passenger	S
Side airbags (chest protection) - front seats	X
Side airbags (head protection) - front seats	X
Side airbags (head protection) - 2nd row seats	n/a
Knee airbag - driver	X
Three-point seat belts for all forward facing seats	S
Seat belt pretensioners (front)	X
Intelligent seat belt reminder - driver	X
Intelligent seat belt reminder - front passenger	X
Intelligent seat belt reminder - 2nd row seats	n/a
Head restraints for all seats	S
Antilock brakes (ABS)	S
Electronic brake distribution (EBD)	S
Emergency brake assist (EBA)	X
Electronic stability control (ESC)	X
Adaptive cruise control (ACC)	X
Autonomous emergency braking (AEB)	X
Lane support system	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.

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INJURY MEASUREMENTS

Body Region	Frontal offset test at 64 km/h (v5.1)		Side impact test at 50 km/h (v5.1)
	Driver	Passenger	Driver
Head			
HIC	571.00	699.00	
Acceleration (g for 3ms)	61.60	64.30	
Neck			
Shear (kN)	0.67	1.14	HIGH-SEAT VEHICLE DEFAULT SCORE AWARDED
Tension (kN)	2.01	2.45	
Extension (Nm)	17.20	24.20	
Chest			
Acceleration (g for 3ms)			
Compression (mm)	42.49	41.80	
Viscous criterion (m/s)	0.37	0.18	
Abdomen			
Force (kN)	-	-	
Pelvis			
Force (kN)	-	-	
Upper legs			
Femur force left (kN)	0.36	0.55	
Femur force right (kN)	3.09	2.55	
Knee displacement left (mm)	3.45	1.25	
Knee displacement right (mm)	1.33	2.60	
Lower legs			
Force left (kN)	4.03	2.80	
Force right (kN)	11.61	3.16	
Index (upper / lower) left	0.85 / 0.83	0.29 / 0.36	
Index (upper / lower) right	1.84 / 0.81	0.45 / 0.37	

INTRUSION MEASUREMENTS

Steering Column

Forwards:	24mm
Upwards:	71mm
Sideways:	11mm

Pedals

Accelerator (rearwards):	117mm
Accelerator (upwards):	65mm

A-Pillar (rearwards):	29mm
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Note: Steering column and pedal movements are measured relative to the driver's seat.

SCORE DEDUCTIONS

Deductions from frontal offset test scores

Loss of structure:	1 point from chest score
Left knee hazard for driver:	2 points from upper leg score
Right knee hazard for driver:	2 points from upper leg score
Excessive pedal rearward movement:	0.66 points from lower leg score
Footwell rupture:	1 point from lower leg score

* For information about the application of ANCAP ratings to model variants see the ANCAP Variant Policy. In brief, 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.

^ Refer ANCAP Rating Road Map (www.ancap.com.au/media).

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