

ANCAP Safety Rating

GREAT WALL STEED (September 2016 - onwards)



Great Wall Motors Steed

This ANCAP safety rating applies to:

Make / Model	Great Wall Motors Steed
Year Range	September 2016 - onwards
Variant(s)*	4x2 petrol dual cab variants only
Vehicle Type	Utility

The Great Wall Motors Steed was introduced in Australia and New Zealand from September 2016. This ANCAP safety rating applies to 4x2 petrol dual cab variants only. Other variants are unrated.

Dual frontal, side chest and side head-protecting airbags are standard. Advanced seat belt reminders are fitted to both front seats. Autonomous emergency braking (AEB) and lane support systems (LSS) are not available. A full list of safety features and technologies can be viewed within the *Safety Features & Technologies* table on page 2 of this report.

There are no top tether anchorages for child restraints. This vehicle is not suitable for transporting young children.

Injury Outcomes.

Frontal Offset



Side Impact Driver



Whiplash Protection



Test Results Summary.

Airbags	Dual Frontal, Side, Head
Frontal Offset Test	8.31 (out of 16)
Side Impact Test	16.00 (out of 16)
Pole Test	[Not tested] (out of 2)
Whiplash Protection	Marginal
Pedestrian Protection	[Not tested]
ESC	Standard
Seat Belt Reminders	2.00 (out of 3)
Overall Score	16.49* (out of 37)
ANCAP Safety Rating	★★★☆☆
Rating Year^	2016

* Overall score truncated. Rating limited to 2 stars due to poor performance in frontal offset and whiplash tests.

Occupant Protection.

Frontal Offset Test

Each body region is scored out of 4 points

Head / neck:	4.00 points
Chest:	2.31 points
Upper legs:	2.00 points
Lower legs	0.00 points

There was excessive footwell deformation and pedal displacement in the frontal offset test. There was separation of footwell panels. Driver lower leg protection was poor. Steering column components were a potential source of knee injury for the driver. Dash components were a potential source of knee injury for the driver and passenger. Penalties were applied to the upper leg regions for both driver and 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 Steed 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

Scored out of 2 points

Not tested. The Steed is fitted with side head-protecting airbags which makes it eligible for a pole test however this test was not conducted due to its poor performance in the frontal offset test.

Whiplash Protection Test

Whiplash protection is assessed to the RCAR Protocol

Geometric test:	Good
Dynamic test:	Marginal
Overall whiplash rating:	Marginal

Pedestrian Protection.

Not tested. The Steed was eligible for pedestrian testing however this was not conducted due to its poor performance in the frontal offset test.

Score Deductions.

Deductions from frontal offset test scores

Head / neck:	No deductions
Chest:	No deductions
Upper legs:	-2.00 points from driver (variable contacts and concentrated loads)
	-1.00 point from passenger (variable contact)
Lower legs:	-0.48 points (excessive pedal displacement - upward)
Foot:	-0.62 points (excessive pedal displacement - rearward)
	-1.00 point (footwell rupture)

Deductions from side impact test score

Head / neck:	No deductions
Chest:	No deductions
Abdomen:	No deductions
Pelvis:	No deductions

Deductions from pole test score

[Not tested]

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)	X
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, head protection (front seats)	S
Airbag - Side, head protection (2 nd row seats)	S
Airbag - Knee (driver)	X
Airbag - Knee (front passenger)	X
Head restraints for all seats	X
Adaptive cruise control (ACC)	X
Antilock braking system (ABS)	S
Autonomous emergency braking (AEB)	
- City	X
- Interurban	X
- Vulnerable road user	X
Automatic headlights	S
Automatic high beam	X
Blind spot monitoring (BSM)	X
Electronic brakeforce distribution (EBD)	S
Electronic stability control (ESC)	S
Emergency brake assist (EBA)	S
Lane support system (LSS)	X
Daytime running lights (DRL)	S
Hill launch assist	S
Reversing collision avoidance	X
Speed assistance - automatic/intelligent speed limiting (ISA)	X
Speed assistance - manual speed limiting / alarm	X
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 but not available on any Australasian variant.

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

Injury Values & 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	504.00	329.00	HIGH-SEAT VEHICLE DEFAULT SCORE AWARDED	
Acceleration (g for 3ms)	59.00	44.40		
Neck				
Shear (kN)	0.54	0.44		
Tension (kN)	1.54	0.98		
Extension (Nm)	19.70	17.80		
Chest				
Acceleration (g for 3ms)	-	-		
Compression (mm)	33.85	27.60		
Viscous criterion (m/s)	0.17	0.15		
Abdomen				
Force (kN)	-	-		
Pelvis				
Force (kN)	-	-		
Upper legs				
Femur force left (kN)	0.49	0.09		
Femur force right (kN)	0.40	0.90		
Knee displacement left (mm)	0.05	0.10		
Knee displacement right (mm)	4.30	0.01		
Lower legs				
Force left (kN)	2.95	1.32		
Force right (kN)	5.21	1.95		
Index (upper / lower) left	0.56 / 0.99	0.40 / 0.20		
Index (upper / lower) right	1.19 / 1.69	0.44 / 0.19		
Intrusion Measurements*				
Steering column				
Forward (mm)	7			
Upward (mm)	59			
Sideways (mm)	18			
Pedals				
Accelerator - rearward (mm)	115			
Accelerator - upward (mm)	80			
A-Pillar				
Forward (mm)	7			

+ Steering column and pedal movements are measured relative to the driver's seat.

* **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	GWM Steed 4x2 Dual Cab
Tested Vehicle(s) Built	2016
Tested Body Type	Utility
Tested Vehicle Kerb Weight	1800 kg
Tested Vehicle Engine	2.4 litre petrol
Tested By	ANCAP
Assessed By	ANCAP
Document Reference	STEED16
Document Created / Revised	24 April 2017
Rating Published	April 2017
Rating Updated	n/a



Frontal offset test at 64km/h