

ANCAP Safety Rating

LDV G10 (June 2015 – June 2022)

PEOPLE MOVER



LDV G10 (People Mover)

This ANCAP safety rating applies to:

Make / Model	LDV G10
Year Range	June 2015 – June 2022
Variant(s)*	All people mover variants
Vehicle Type	People Mover

The tested model of LDV G10 was introduced in Australia and New Zealand in 2015. This ANCAP safety rating applies to all people mover variants. A separate rating is available for G10 van variants.

Dual frontal airbags are standard. Side chest-protecting and side head-protecting airbags (curtains) are not available. 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.

Injury Outcomes.

Frontal Offset

Driver

Passenger



Side Impact

Driver



Whiplash Protection

Driver

[NOT TESTED]



Test Results Summary.

Airbags	Dual frontal
Frontal Offset Test	9.37 (out of 16)
Side Impact Test	16.00 (out of 16)
Pole Test	[Not tested]
Whiplash Protection	[Not tested]
Pedestrian Protection	[Not tested]
ESC	Standard
Seat Belt Reminders	1.00 (out of 3)
Overall Score	24.49* (out of 37)
ANCAP Safety Rating	★★★★★
Rating Year^	2015

* Overall score truncated. Rating limited to 3 stars due to lack of side head-protecting airbags.

Occupant Protection.

Frontal Offset Test

Each body region is scored out of 4 points

Head / neck:	4.00 points
Chest:	2.14 points
Upper legs:	1.29 points
Lower legs:	1.94 points

Brake pedal movement in the frontal offset crash test was excessive. The driver footwell split during the crash and was a potential source of foot injury. Steering column and dash components were a potential source of knee injury for the driver. Dash components were also a potential source of knee injury for the passenger. After the crash, all doors could be opened with normal effort.

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 LDV G10 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 TESTED]

Whiplash Protection Test

Whiplash protection is assessed to the RCAR Protocol

[NOT TESTED]

Pedestrian Protection.

Pedestrian Test

[NOT TESTED]

The LDV G10 was eligible for pedestrian testing however this was not conducted due to its star rating limitation.

Score Deductions.

Deductions from frontal offset test scores

Head / neck:	No deductions
Chest:	No deductions
Upper legs:	-2.00 points (variable contacts and concentrated loads for driver, variable contacts for passenger)
Lower legs:	No deductions
Foot:	-1.00 point (footwell rupture) -1.06 points (excessive pedal displacement – rearward)

Deductions from side impact test score

[NOT TESTED – Default score awarded]

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)	X
Seat belt pretensioners (rear outboard)	X
Intelligent seat belt reminder (driver)	S
Intelligent seat belt reminder (front passenger)	X
Intelligent seat belt reminder (2 nd row seats)	X
Intelligent seat belt reminder (3 rd / 4 th row seats)	X
Airbag - Frontal (driver)	S
Airbag - Frontal (passenger)	S
Airbag - Side, chest protection (front seats)	X
Airbag - Side, chest protection (2 nd row seats)	X
Airbag - Side, head protection (front seats)	X
Airbag - Side, head protection (2 nd row seats)	X
Airbag - Side, head protection (3 rd / 4 th row seats)	X
Airbag - Knee (driver)	X
Airbag - Knee (front passenger)	X
Head restraints for all seats	S
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
Fatigue reminder	X
Lane support system (LSS)	X
Daytime running lights (DRL)	S
Hill launch assist	X
Reversing collision avoidance	S
Roll stability system	S
Speed assistance – automatic / intelligent speed limiting (ISA)	X
Speed assistance - manual speed limiting	X
Speed assistance - speed sign recognition & warning	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.

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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	509.00	395.00	HIGH-SEAT VEHICLE DEFAULT SCORE AWARDED	
Acceleration (g for 3ms)	61.70	50.30		
Neck				
Shear (kN)	-0.37	-0.85		
Tension (kN)	1.95	1.88		
Extension (Nm)	17.60	19.00		
Chest				
Compression (mm)	33.30	35.03		
Viscous criterion (m/s)	0.13	0.16		
Abdomen				
Force (kN)	-	-		
Pelvis				
Force (kN)	-	-		
Upper legs				
Femur force left (kN)	1.87	1.71		
Femur force right (kN)	0.74	2.66		
Knee displacement left (mm)	0.01	7.19		
Knee displacement right (mm)	0.00	9.84		
Lower legs				
Force left (kN)	2.40	1.35		
Force right (kN)	2.00	1.92		
Index (upper / lower) left	0.52 / 0.29	0.64 / 0.31		
Index (upper / lower) right	0.55 / 0.34	0.67 / 0.40		
Intrusion Measurements*				
Steering column				
Forward (mm)	17			
Upward (mm)	34			
Sideways (mm)	3			
Pedals				
Brake - rearward (mm)	127			
Brake - upward (mm)	62			
A-Pillar				
Rearward (mm)	26			

* 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	LDV G10 van
Tested Vehicle(s) Built	2015
Tested Body Type	Van
Tested Vehicle Kerb Weight	1910 kg
Tested Vehicle Engine	2.4 litre petrol
Tested By	ANCAP
Assessed By	ANCAP
Document Reference	LDV_G10_15_PEOPLEMOVER
Document Created / Revised	26 July 2017
Rating Published	July 2017
Rating Updated	n/a



Frontal offset test at 64km/h (LDV G10 van)