

# ANCAP Safety Rating: LDV V80 without ESC (2013 onwards)



Frontal offset test at 64km/h

## This ANCAP safety rating applies to:

<b>Make / Model</b>	LDV V80 without ESC
<b>Year Range</b>	2013 onwards
<b>Variants*</b>	Short wheelbase, low roof
<b>Vehicle Type</b>	Utility/Van

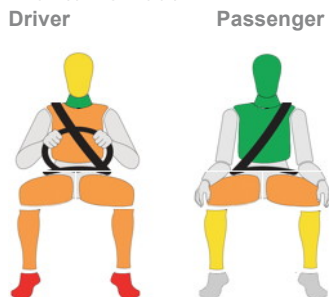
The tested model of LDV V80 went on sale in Australia and New Zealand in 2013. This ANCAP safety rating applies to the short-wheelbase low-roof variant. Due to the low safety rating ANCAP did not conduct pedestrian and whiplash tests for this model.

Dual frontal airbags are standard. Electronic Brake Distribution (EBD), Emergency Brake Assist (EBA) are also standard. Electronic stability control (ESC) was not available until mid-2015. The lack of ESC limited the safety rating to 2 stars. A separate 3-star safety rating applies to vehicles with ESC.

In the offset crash test driver head protection was acceptable, chest and leg protection was marginal and foot protection was poor. In this test passenger leg protection was also marginal.

## Injury Outcomes.

### Frontal Offset



### Side Impact



### Whiplash Protection

Driver  
Not tested



## Test Results Summary.

<b>Airbags</b>	Dual Frontal
<b>Frontal Offset Test</b>	4.97 (out of 16)
<b>Side Impact Test</b>	16.00 (out of 16)
<b>Pole Test</b>	Not tested (out of 2)
<b>Whiplash Protection</b>	Not tested
<b>Pedestrian Protection</b>	Not tested
<b>ESC</b>	None
<b>Seat Belt Reminders</b>	0 (out of 3)
<b>Overall Score</b>	16.49* (out of 37)
<b>ANCAP Safety Rating</b>	★★
<b>Rating Year<sup>^</sup></b>	2013

\* Overall score truncated

## Occupant Protection.

### Frontal Offset Test

Each body region is scored out of 4 points

Head / neck:	3.00 points
Chest:	1.33 points
Upper legs:	1.64 points
Lower legs:	0.00 points

The passenger compartment lost structural integrity in the offset crash test. Steering column and pedal movement were excessive. Steering column components were a potential source of knee injury for the driver. Dash components were also a potential source of knee injury for the 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 V80 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

### Whiplash Protection Test

Whiplash protection is assessed to the RCAR Protocol  
Not tested

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## Pedestrian Protection.

### Pedestrian Test

Scored out of 36 points

Not tested

## Score Deductions.

### Deductions from frontal offset test scores

Head / neck:	Door opened: 1 point from test score. Excessive steering column upward movement (117mm): 1 points from head score.
Chest:	Chest contacted steering wheel: 1 point from chest score. Loss of cabin integrity: 1 point from chest score.
Upper legs:	Left & right knee hazards for driver: 2 points from upper leg score. Left & right knee hazards for passenger: 2 points from upper leg score.
Lower legs:	Excessive clutch vertical movement (214mm): 1 points from lower leg score.  Excessive brake pedal rearward movement (250mm): 4 points from foot score. Footwell rupture: 1 points from foot score.

(\*Maximum deduction is 2 points from a body region, except foot)

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

### Deductions from side impact test score

Chest:	High-seat vehicle: default side impact score awarded.
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## 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](http://ancap.com.au).

Safety Feature / Safety Assist Technology	Availability
Seat belts (three-point) for all forward-facing seats	<b>S</b>
Seat belt pretensioners (front)	<b>S</b>
Seat belt pretensioners (rear outboard)	-
Intelligent seat belt reminder (driver)	<b>X</b>
Intelligent seat belt reminder (front passenger)	<b>X</b>
Intelligent seat belt reminder (2 <sup>nd</sup> row seats)	-
Airbag - Front (driver)	<b>S</b>
Airbag - Front (passenger)	<b>S</b>
Airbag - Side, chest protection (front seats)	<b>X</b>
Airbag - Side, chest protection (2 <sup>nd</sup> row seats)	-
Airbag - Side, head protection (front seats)	<b>X</b>
Airbag - Side, head protection (2 <sup>nd</sup> row seats)	-
Airbag - Knee (driver)	<b>X</b>
Airbag - Knee (front passenger)	<b>X</b>
Head restraints for all seats	<b>S</b>
Adaptive cruise control (ACC)	<b>X</b>
Antilock braking system (ABS)	<b>S</b>
Autonomous emergency braking (AEB)	<b>X</b>
Daytime running lights (DRL)	<b>X</b>
Electronic brakeforce distribution (EBD)	<b>S</b>
Electronic stability control (ESC)	<b>X#</b>
Emergency brake assist (EBA)	<b>S</b>
Hill launch assist	<b>X</b>
Lane support system (LSS)	<b>X</b>
Reversing collision avoidance	<b>X</b>
Tyre pressure monitoring system (TPMS)	<b>X</b>

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

**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 / USA but not available on any Australasian variant.

# ESC standard on vehicles built from September 2015. Available earlier on New Zealand vehicles. Check with manufacturer.

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# ANCAP

Safety ★ ★ ★ ★ ★  
TESTED  
2013

## 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	
<b>Head</b>				
HIC	427.00	324.00	HIGH-SEAT VEHICLE DEFAULT SCORE AWARDED	
Acceleration (g for 3ms)	54.00	45.80		
<b>Neck</b>				
Shear (kN)	0.33	0.57		
Tension (kN)	2.22	1.55		
Extension (Nm)	18.80	12.40		
<b>Chest</b>				
Acceleration (g for 3ms)	-	-		
Compression (mm)	26.70	15.50		
Viscous criterion (m/s)	0.16	0.04		
<b>Abdomen</b>				
Force (kN)	-	-		
<b>Pelvis</b>				
Force (kN)	-	-		
<b>Upper legs</b>				
Femur force left (kN)	0.92	0.11		
Femur force right (kN)	3.50	1.11		
Knee displacement left (mm)	0.04	0.41		
Knee displacement right (mm)	0.41	6.80		
<b>Lower legs</b>				
Force left (kN)	1.22	1.06		
Force right (kN)	1.59	1.56		
Index (upper / lower) left	0.65 / 0.54	0.45 / 0.29		
Index (upper / lower) right	0.49 / 0.35	0.53 / 0.48		
<b>Intrusion Measurements*</b>				
<b>Steering column</b>				
Forward (mm)	30			
Upward (mm)	117			
Sideways (mm)	13			
<b>Pedals</b>				
Brake - rearward (mm)	250			
Clutch - upward (mm)	214			
<b>A-Pillar</b>				
Rearward (mm)	72			

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

\* 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.

^ 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.

<b>Tested Make / Model</b>	LDV V80 SWB low roof
<b>Tested Vehicle(s) Built</b>	2015
<b>Tested Body Type</b>	Van
<b>Tested Vehicle Kerb Weight</b>	2100 kg
<b>Tested Vehicle Engine</b>	2.5 diesel
<b>Tested By</b>	ANCAP
<b>Assessed By</b>	ANCAP
<b>Document Reference</b>	LDV_V80_13
<b>Document created/revised</b>	2/9/2015
<b>Rating Published</b>	August 2015

