

ANCAP Safety Rating NISSAN PATHFINDER (2013 - onwards)



Nissan Pathfinder

This ANCAP safety rating applies to:

Make / Model	Nissan Pathfinder
Year Range	2013 - onwards
Variant(s)*	All variants
Vehicle Type	Large SUV

The tested model of Nissan Pathfinder was introduced in Australia and New Zealand in October 2013. This ANCAP safety rating applies to all variants, including the Pathfinder Hybrid.

Dual frontal, side chest and side head airbags (curtains) are standard. Antilock brakes (ABS), electronic brake distribution (EBD) and electronic stability control (ESC) are also standard. Advanced seat belt reminders are fitted to all seats.

Injury Outcomes.

Frontal Offset Driver



Passenger



Side Impact & Pole# Driver



Whiplash Protection Driver



Head protection only.

Test Results Summary.

Airbags	Dual Frontal, Side, Head
Frontal Offset Test	14.73 (out of 16)
Side Impact Test	16.00 (out of 16)
Pole Test	2.00 (out of 2)
Whiplash Protection	Good
Pedestrian Protection	Marginal
ESC	Standard
Seat Belt Reminders	3.00 (out of 3)
Overall Score	35.73 (out of 37)
ANCAP Safety Rating	★★★★★
Rating Year [^]	2013

Occupant Protection.

Frontal Offset Test

Each body region is scored out of 4 points

Head / neck:	4.00 points
Chest:	4.00 points
Upper legs:	3.00 points
Lower legs:	3.73 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. 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 Pathfinder 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

Score:	2.00 points
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The vehicle was eligible for a side pole test because it has side curtain airbags. The vehicle scored the maximum 2 points for head protection in this test.

Whiplash Protection Test

Whiplash protection is assessed to the RCAR Protocol

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

ANCAP Safety Rating

NISSAN PATHFINDER (2013 - onwards)



Pedestrian Protection.

Pedestrian Test

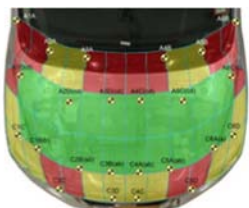
Scored out of 36 points

Adult & child head impacts: 14.85 points
 Upper leg impacts: 0.62 points
 Lower leg impacts: 0.00 points

This vehicle scored 15.47 out of 36 points (Marginal). The central area of the bonnet provided good head protection while the windscreen base, edges and front of the bonnet provided marginal to poor head protection. The front of the vehicle provided generally poor leg protection.

Child and adult head impact

Adult leg impact (upper and full legforms)



Score Deductions.

Deductions from frontal offset test scores

Head / neck: No deductions
 Chest: No deductions
 Upper legs: -1.00 point from driver right leg (concentrated load)
 -1.00 point from driver left leg (concentrated load)
 Lower legs: No deductions
 Overall: No deductions

Deductions from side impact test score

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

Deductions from pole test score

Head: No deductions

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)	S
Intelligent seat belt reminder (3 rd row seats)	S
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 - 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 (V = From Dec 16)
Antilock braking system (ABS)	S
Autonomous emergency braking (AEB)	X
- City	(V = From Dec 16)
- Interurban	X (V = From Dec 16)
- Vulnerable road user	X
Automatic headlights	S
Automatic high beam	X
Blind spot monitoring (BSM)	X (V = From Dec 16)
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	S
Reversing collision avoidance	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.

ANCAP Safety Rating

NISSAN PATHFINDER (2013 - onwards)



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	283.00	365.00	HIGH-SEAT VEHICLE DEFAULT SCORE AWARDED	
Acceleration (g for 3ms)	41.50	51.10		
Neck				
Shear (kN)	0.36	0.50		
Tension (kN)	1.25	0.83		
Extension (Nm)	22.20	18.30		
Chest				
Acceleration (g for 3ms)	-	-		
Compression (mm)	21.00	13.00		
Viscous criterion (m/s)	0.05	0.05		
Abdomen				
Force (kN)	-	-		
Pelvis				
Force (kN)	-	-		
Upper legs				
Femur force left (kN)	1.15	0.98		
Femur force right (kN)	0.89	0.93		
Knee displacement left (mm)	3.88	0.19		
Knee displacement right (mm)	0.40	0.67		
Lower legs				
Force left (kN)	1.61	1.78		
Force right (kN)	1.74	1.66		
Index (upper / lower) left	0.38 / 0.31	0.30 / 0.29		
Index (upper / lower) right	0.40 / 0.46	0.39 / 0.38		
Intrusion Measurements*				
Steering column				
Forward (mm)	16			
Upward (mm)	-56			
Sideways (mm)	5			
Pedals				
Throttle - rearward (mm)	54			
Throttle - upward (mm)	26			
A-Pillar				
Rearward (mm)	6			

+ 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	Nissan Pathfinder P42K 4x4
Tested Vehicle(s) Built	2013
Tested Body Type	Wagon
Tested Vehicle Kerb Weight	1980 kg
Tested Vehicle Engine	3.5 litre V6
Tested By	ANCAP
Assessed By	ANCAP
Document Reference	PATHFINDER13_REV
Document Created / Revised	May 2014 / June 2017
Rating Published	May 2014
Rating Updated	n/a



Frontal offset test at 64km/h