

Crash Test Results

New Car Safety

NISSAN DUALIS (LHD)

2007 on

Front+side+head airbags*



ANCAP Occupant Protection
Rated ★★★★★

Occupant Protection Score 33.83 out of 37

* Safety equipment, as tested, not standard on all variants

Variant: Visia (Europe) Eng: 1.6 litre

Kerb weight: 1440 kg Category: 4WD - COMPACT

Vehicles built: 2007 Tested by Euro NCAP

Important note: The *left-hand-drive* European model (marketed as the Qashqai) was tested by Euro NCAP. Australasian specifications may vary and therefore models sold in Australasia might provide different levels of protection to those described on this page. A 2 litre engine is standard in Australia.

Model History and Safety Features

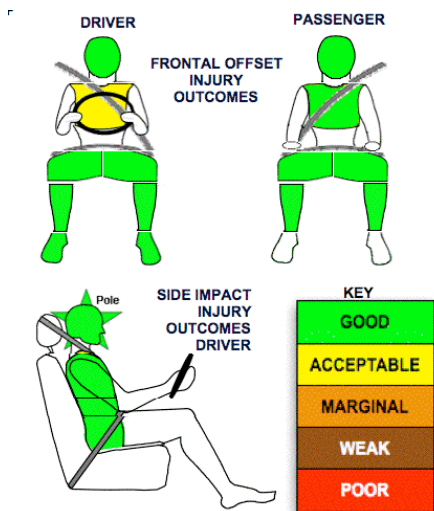
The tested model of Nissan DUALIS was introduced in Australia in October 2007.

Dual front airbags and antilock brakes (ABS), electronic brake distribution (EBD) are standard equipment. Side airbags, head-protecting side curtain airbags and electronic stability control (ESC) are optional on the ST variant and standard on the TI variant. Intelligent seat belt reminders earned three bonus points from Euro NCAP but they are not fitted to the Australasian DUALIS.

The front seat belt buckles are mounted on the seats and the upper anchorages are adjustable. These features improve the fit of the seat belt. Pretensioners are fitted to the front seat belts to reduce slack in the event of a crash. A three point seat belt is fitted to the centre rear seat. This provides better protection than a two point (lap) seat belt.

OCCUPANT PROTECTION: 5 Stars

The DUALIS scored 15.83 out of 16 in the offset crash test. The passenger compartment held its shape very well. There was a slight risk of serious chest injury was for the driver. The vehicle scored 16 out of 16 in the side impact crash test and a further two points in the optional pole test. A separate ANCAP rating is available for the DUALIS without curtains.



Offset crash test at 64km/h

FRONTAL OFFSET CRASH TEST (v4.1)

Body region scores out of 4 points each: Head/neck 4 pts, chest 3.83 pts, upper legs 4 pts, lower legs 4 pts.

The passenger compartment held its shape well in the offset crash test. The clutch pedal moved rearwards by 65mm and upwards 10 mm. The steering wheel hub moved 45mm rearward, 2mm upward and 8mm sideways. The front ("A") pillar moved 5mm forwards. All doors remained closed during the crash and opened with normal effort after the crash.

The airbag cushioned the head of the driver and contact was stable. There were no knee hazards.

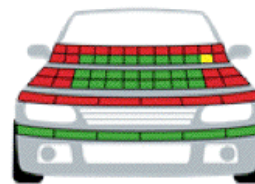
SIDE IMPACT CRASH TEST (v4.1)

Body region scores out of 4 points each: Head 4 pts, chest 4 pts, abdomen, 4 pts, pelvis 4 pts.

The vehicle was eligible for an optional pole impact test, since it had head-protecting side airbags and scored four points for the head in the side impact test. The manufacturer decided to go ahead with the pole test and the vehicle earned a further two points.

PEDESTRIAN PROTECTION RATING (v4.1)

PEDESTRIAN PROTECTION		
<p>Rated ★★☆☆☆ Tested by Euro NCAP</p>	Child head impacts	4.12
	Adult head impacts	8
	Upper leg impacts	Zero
	Lower leg impacts	6
	Total (out of 36)	18.12



Pedestrian protection

GOOD
ADEQUATE
MARGINAL

November 2007

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Canberra ACT Australia
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dualis07.doc
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ANCAP
Crash testing for safety
AUSTRALASIAN
NEW CAR ASSESSMENT
PROGRAM

www.ancap.com.au

TECHNICAL DATA - NISSAN DUALIS WITH SIDE CURTAINS - 2007 on

INJURY MEASUREMENTS

Body region	Offset Crash Test at 64km/h (v4.1)		Side Impact Crash Test at 50km/h (v4.1)
	Driver	Passenger	Driver
Head HIC	202	201	41
Acceleration (g for 3ms)	33.9	38.2	22.6
Neck - Shear (kN)	0.50	0.64	-
Tension (kN)	1.24	1.08	-
Extension (Nm)	9.7	6.3	-
Chest Accln (g for 3ms)	-	-	-
Compression (mm)	23.20	20.40	13.40
Viscous criterion (m/s)	0.06	0.07	0.06
Abdomen - Force (kN)	-	-	0.930
Pelvis - Force (kN)	-	-	1.210
Upper legs Force (kN)			
Left	0.08	0.20	
Right	0.10	0.17	
Knee displ (mm)			
Left	0.80	0.10	
Right	0.50	0.00	
Lower legs Force (kN)			
Left	1.09	1.14	
Right	0.90	0.77	
Index (Upper/Low)			
Left	0.31 /0.17	0.23 /0.13	
Right	0.28 /0.17	0.19/0.11	

Bonus points (maximum 5)

Pole Test: 2

Seat belt reminders: None in Australia

Modifiers - deductions from offset test scores

Head	No deduction
Chest	No deduction
Upper leg	No deduction
Lower leg	No deduction
Foot score	Score 4 points

Modifiers - deductions from side impact test scores

Chest	No deduction
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Safety features

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



Driver airbag	S	Antilock (ABS) brakes / Electronic brake distribution	S/S
Passenger front airbag	S	Electronic stability control (ESC, VDC, DSC, ESP, VSA)	O
Side airbags, front seats - chest protection	O ✓	3 point centre rear seat belt	S
Side airbags, front seats - head protection	O ✓	Active head restraints - front seats	S
Side airbags, rear seats - head protection	O ✓	Intelligent seat belt reminder - driver	*
Driver knee airbag	X	Intelligent seat belt reminder - front passenger	*
Front seat belt pretensioners	S	Rear seat belt status indicator	*

* Intelligent seat belt reminders are standard on the driver, front passenger and rear seats in Europe and earned three bonus points from Euro NCAP. The seatbelt warning system fitted to Australasian models is different and is not eligible for any bonus points. The vehicle still achieved enough points for a 5 star rating.

Key: ✓ = Fitted to vehicle that was crash tested (where not standard)

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