

Crash Test Results

New Car Safety

NISSAN DUALIS ST (LHD)

2007 on Dual front airbags



Offset crash test at 64km/h



Occupant Protection Score 31.83 out of 37

Variant: ST 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: 4 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. All other injury measurements were good. ANCAP awarded the non-curtain model a default score of 16 out of 16 in the side impact crash test. A separate ANCAP rating is available for the curtain-equipped DUALIS.

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 side impact test normally used by ANCAP simulates a small car striking the driver's door of the vehicle under test. It is based on a regulation test but the regulation does not apply to vehicles with a high seat height like the DUALIS. Experience shows that such vehicles can be expected to perform well in this test so ANCAP has decided to award full score for these vehicles instead of conducting a crash test.

PEDESTRIAN PROTECTION RATING (v4.1)

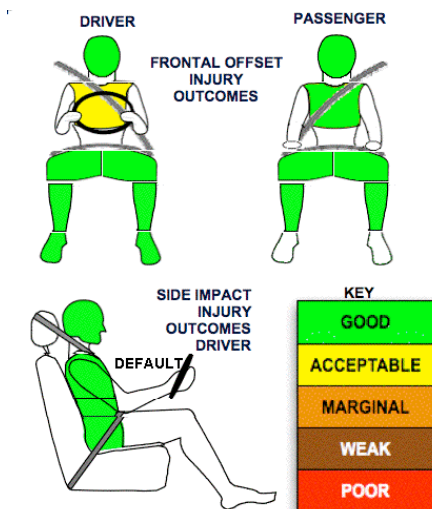
PEDESTRIAN PROTECTION		
 Rated ★ ★ ★ ★	Child head impacts	4.12
	Adult head impacts	8
	Upper leg impacts	Zero
	Lower leg impacts	6
	Total (out of 36)	18.12

Tested by Euro NCAP



Pedestrian protection

GOOD
ADEQUATE
MARGINAL



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TECHNICAL DATA - NISSAN DUALIS WITHOUT 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	Default score awarded by ANCAP
Acceleration (g for 3ms)	33.9	38.2	
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	
Viscous criterion (m/s)	0.06	0.07	
Abdomen - Force (kN)	-	-	
Pelvis - Force (kN)	-	-	
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: Model without side curtains not eligible

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

Default scored awarded

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:

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