

Crash Tests

New Car Safety

Nissan DUALIS

10/2007 on 01/0001 - Frontal+Side+Head

Overall Evaluation



Overall Score
Variant: Visia (Europe)

33.83 out of 37
Engine: 1.6 litre
Category: Compact SUV

Safety equipment, as tested, not standard on all variants. Vehicles tested after 1 January 2008 will require Electronic Stability Control in order to achieve a 5 star rating. This vehicle was tested prior to this date and may or may not meet this new requirement.

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.

Overall Evaluation: 5

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.

Frontal Offset Crash Test

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

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 rating (v4.1)



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

Offset crash test at 64km/hr



Injury Measurements

Refer to the information sheet 'How the tests are done'	Offset Crash Test at 64km/h (v4.1)		Side Impact Crash Test aa 50km/h (v4.1) Driver
	Driver	Passn	
Head			
- HIC	202	201	41
- Acceleration (g for 3ms)	33.9	38.2	22.6
Neck			
- Shear (kN)	0.5	0.64	
- Tension (kN)	1.24	1.08	
- Extension (Nm)	9.7	6.3	
Chest			
- Acceleration (g for 3ms)			
- Compression (mm)	23.2	20.4	13.4
- Viscous Criterion (m/s)	0.06	0.07	0.06
Abdomen			
- Force (kN)			0.93
Pelvis			
- Force (kN)			1.21
Upper Legs Force (kN)			
- Left	0.08	0.2	
- Right	0.1	0.17	
Knee Displacement (kN)			
- Left	0.8	0.1	
- Right	0.5	0	
Lower Legs Force (kN)			
- Left	1.09	1.14	
- Right	0.9	0.77	
Index (Upper Lower)			
- 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 points
Seat Belt Reminders: None in Australia

Modifiers for offset test scores

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

Modifiers for side impact test scores

Head
Chest No deduction
Upper leg
Lower leg
Foot score
Structure



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