

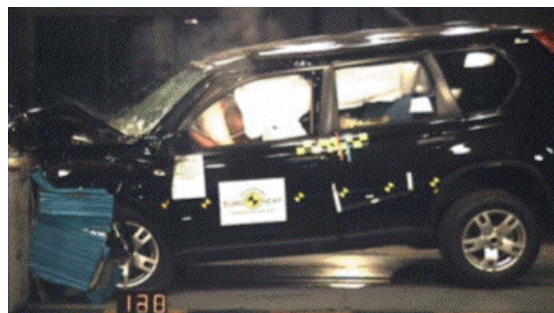
Crash Test Results

New Car Safety

NISSAN X-TRAIL (LHD)

2007 on

Front+side+head airbags



Offset crash test at 64km/h

FRONTAL OFFSET CRASH TEST (v4.1)

Body region scores out of 4 points each: Head/neck 0.61 pts, chest 3.51 pts, upper legs 2 pts, lower legs 2.46 pts.

The passenger compartment held its shape well in the offset crash test. The clutch pedal moved rearwards by 126 mm and upwards 45 mm. The steering wheel hub moved 5 mm rearward, 45 mm upward and 13 mm sideways. The front ("A") pillar moved 41 mm rearwards. All doors remained closed during the crash. After the crash the driver's door could be opened with normal effort.

The airbag cushioned the head of the driver and contact was stable but there was a risk of neck injury. Steering column and dash components were a potential source of injury for the driver's knees. The side curtain deployed. The passenger's head was cushioned by the airbag. Dash components were a potential knee hazard for the passenger.

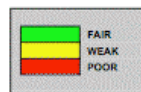
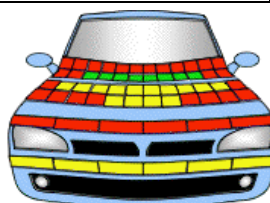
SIDE IMPACT CRASH TEST (v4.1)

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		Child head impacts	5.27
	Adult head impacts	4	
	Upper leg impacts	Zero	
	Lower leg impacts	3.12	
	Total (out of 36)	12.39	
	Tested by Euro NCAP		



ANCAP Occupant Protection
Rated ★★☆☆☆

Occupant Protection Score 26.59 out of 37

Variante: LHD Wagon

Eng: 2 litre diesel

Kerb weight: 1650 kg

Category: 4WD - COMPACT

Vehicles built: 2007

Tested by Euro NCAP

Important note: The *diesel left-hand-drive* European model 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.

Model History and Safety Features

The tested model of Nissan X-TRAIL was introduced in Australia during 2007.

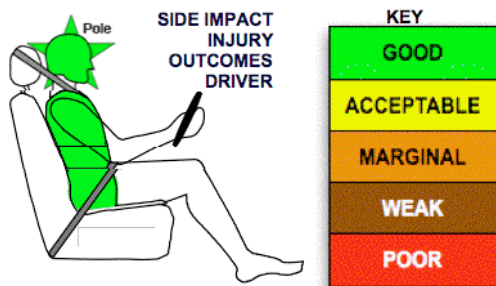
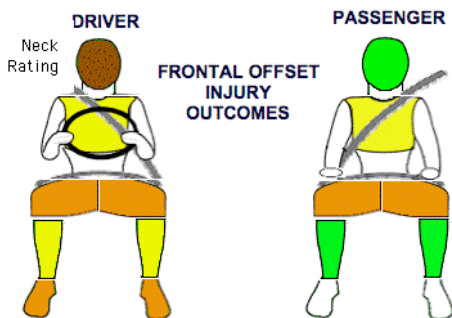
Dual front airbags, side airbags and head-protecting side curtains are standard equipment. Antilock brakes (ABS), electronic brake distribution (EBD) and electronic stability control (ESC) are also standard. Intelligent seat belt reminders earned three bonus points from Euro NCAP but they are not fitted to the Australasian X-TRAIL.

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 X-TRAIL scored 8.59 out of 16 in the offset crash test. The passenger compartment held its shape well. Neck protection was weak for the driver. Protection from serious leg injury was marginal for the driver and passenger.

The vehicle scored 16 out of 16 in the side impact crash test and a further two points in the optional pole test.



January 2008

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xtrail07.doc

Issued 14/1/08



ANCAP

Crash testing for safety

AUSTRALASIAN
NEW CAR ASSESSMENT
PROGRAM

TECHNICAL DATA - NISSAN X-TRAIL - 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	258	164	42
Acceleration (g for 3ms)	40.3	33.1	23.5
Neck - Shear (kN)	0.44	0.54	-
Tension (kN)	1.34	0.72	-
Extension (Nm)	54.7	34.3	-
Chest Accln (g for 3ms)	-	-	-
Compression (mm)	24.90	25.40	12.60
Viscous criterion (m/s)	0.08	0.08	0.07
Abdomen - Force (kN)	-	-	0.740
Pelvis - Force (kN)	-	-	1.090
Upper legs Force (kN)			
Left	0.40	2.34	
Right	0.00	0.16	
Knee displ (mm)			
Left	1.40	2.60	
Right	0.00	0.00	
Lower legs Force (kN)			
Left	1.06	1.89	
Right	1.11	1.31	
Index (Upper/Low)			
Left	0.53 /0.30	0.21 /0.37	
Right	0.58 /0.20	0.35/0.2	

Bonus points (maximum 5)

Pole Test: 2 pts

Seat belt reminders: None (see table below for details)

Modifiers - deductions from offset test scores

Head	No deduction
Chest	No deduction
Upper leg Variable & conc. loading for driver and passenger	2 pt deduction Left & Right
Lower leg	No deduction
Foot score Clutch displacement	Score 2.46 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, VSC, DSC, ESP, VSA)	S
Side airbags, front seats - chest protection	S	3 point centre rear seat belt	S
Side airbags, front seats - head protection	S	Active head restraints - front seats	S
Side airbags, rear seats - head protection	S	Intelligent seat belt reminder - driver	X*
Driver knee airbag	X	Intelligent seat belt reminder - front passenger	X*
Front seat belt pretensioners	S	Rear seat belt status indicator	X*

* 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.

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