

New overall evaluation for vehicle safety

Driver's seat ★★★★★★ **6**
33.21 points (92.3% of total)

Front passenger's seat ★★★★★☆ **5**
21.03 points (87.6% of total)

Test vehicle	:	NV200 VANETTE
Sold	:	2009.5
Manufacture	:	Nissan Motor Co., Ltd.
Type	:	DBF-VM20
Displacement	:	1,597cc
Vehicle weight	:	1,250kg
Specification	:	Length × Width × Height : 4,400 × 1,695 × 1,855mm Commercial Vehicle、4AT、FF、Seating Capacity:2/5
Tire (Size/Manufacture)	:	(Front wheel) 165R14-6PR (Rear wheel) 165R14-8PR TOYO H05
Test Vehicle Weight	:	Full-wrap : 1,460kg Offset : 1,461kg Side : 1,342kg

Collision Tests

Full-wrap frontal collision test

Passenger protection performance				Head	Neck			Chest		Legs						Body deformation			
										Femur load [kN]		Right leg		Left leg		Steering column deformation[mm]		Brake pedal deformation[mm]	
	Evaluation	Overall points	Score rate	Injury load [HIC]	Shearing load [kN]	Tensile load [kN]]	Moment of extension [Nm]	Resultant acceleration [m/s²-3ms]	Chest displacement [mm]	Right leg	Left leg	Upper TI	Lower TI	Upper TI	Lower TI	Rear displacement	Upper displacement	Rear displacement	Upper displacement
Driver's seat	Level4	10.36	86.3%	492.4	0.35	1.81	24.96	393.34	32.78	0.57	2.41	0.51	0.27	0.28	0.12	0	4	31	31
Front passenger's seat	Level4	9.03	75.2%	544.8	1.66	2.33	36.83	517.12	33.00	2.04	0.70	0.40	0.32	0.43	0.28				

Driver's seat/ Front passenger's seat	Door openability							Fuel leakage after collision	Rescuability	
	Driver side				Front passenger side				Driver's seat	Front passenger's seat
	Door openability		Door locked		Door openability		Door locked			
	First row (1st row)	Second row (2nd row)	First row (1st row)	Second row (2nd row)	First row (1st row)	Second row (2nd row)	First row (1st row)	Second row (2nd row)		
	One hand	One hand	None	None	One hand	One hand	None	None	None	Hand	Hand

Offset frontal collision test

Passenger protection performance				Head	Neck			Chest		Legs						Body deformation			
										Femur load [kN]		Right leg		Left leg		Steering column deformation[mm]		Brake pedal deformation[mm]	
	Evaluation	Overall points	Score rate	Injury load [HIC]	Shearing load [kN]	Tensile load [kN]	Moment of extension [Nm]	Resultant acceleration [m/s²-3ms]	Chest displacement [mm]	Right leg	Left leg	Upper TI	Lower TI	Upper TI	Lower TI	Rear displacement	Upper displacement	Rear displacement	Upper displacement
Driver's seat	Level5	10.86	90.5%	314.1	0.32	1.26	11.79	342.60	30.65	1.95	0.49	0.37	0.20	0.36	0.21	14	0	75	0
Front passenger's seat	[Level5]	[10.66]	[88.8%]	[264.3]	[0.97]	[1.72]	[7.87]	[318.83]	[32.15]	[0.85]	[0.27]	[0.25]	[0.25]	[0.20]	[0.21]				

Driver's seat/ Front passenger's seat※	Door openability							Fuel leakage after collision	Rescuability	
	Driver side				Front passenger side				Driver's seat	Front passenger's seat
	Door openability		Door locked		Door openability		Door locked			
	First row (1st row)	Second row (2nd row)	First row (1st row)	Second row (2nd row)	First row (1st row)	Second row (2nd row)	First row (1st row)	Second row (2nd row)		
	Both hands	One hand	None	None	One hand	One hand	None	None	None	Hand	Hand

note) [ ] is reference score.
※Since the rear seat of this vehicle is a fold-flat seat, the test was conducted with dummies placed in the driver's and front passenger's seats.

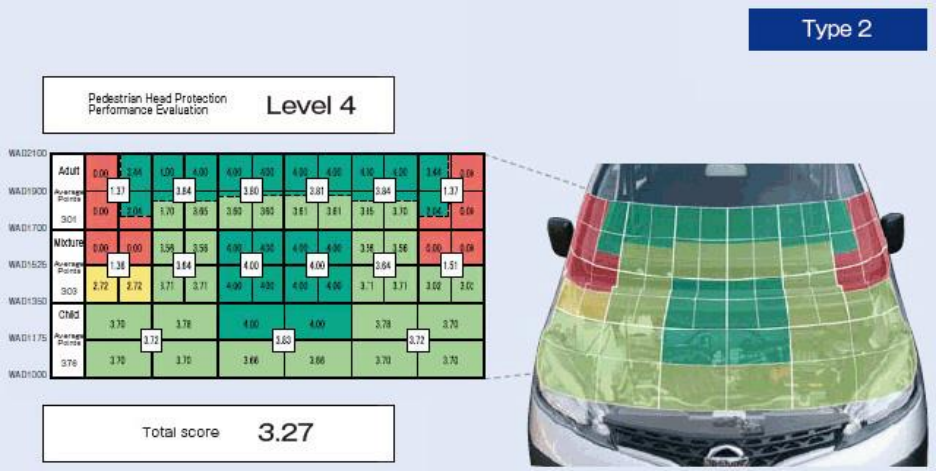
Side collision test

Passenger protection performance				Head injury value	Chest displacement	Abdomen load	Pubis load	Door openability				Fuel leakage after collision	Resucuability	Vehicle turned sideways after impact
								Front passenger side						
								Door openability		Door locked			Front passenger's seat	
	Evaluation	Overall points	Score rate	[HPC]	[mm]	[kN]	[kN]	First row (1st row)	Second row (2nd row)	First row (1st row)	Second row (2nd row)			
Driver's seat	Level5	12.00	100.0%	192.4	2.28	0.56	2.77	One hand	One hand	None	None	None	Hand	None

Neck Injury Protection Rear-end Collision Performance Test

Passenger protection performance				NIC	Upper neck				Lower neck			
	Evaluation	Overall points	Score rate	[m²/s²]	Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]	Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]
Driver's seat	Level2	7.55	62.9%	16.6	75.1	650.8	22.1	5.2	380.3	302.5	4.7	13.4
Front passenger's seat	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑

Pedestrian Head Protection Performance Test



Braking Performance Test

Dry road surface		Wet road surface	
Stopping distance[m]	crosses the lane	Stopping distance[m]	crosses the lane
50.0	None	59.6	None

Rear passenger's Seat Belt Usability Evaluation Test

Tested outside for folding seat.

Installation Conditions Of Safety Devices

ABS	Provided
Air bag	Driver's seat:Provided／Front passenger seat:Not provided
Side air bag	Not provided
Side curtain Air bag	Not provided
Stability Contorol System	Not provided
Damage Mitigation Brake System	Not provided
Seat Type	Driver's seat:Normal seat Front passenger seat:Normal seat
Seatbelt pretensioner	First row:Driver's seat:Provided/Front passenger seat:Provided
Seat belt force (load) limiter	First row:Driver's seat:Provided/Front passenger seat:Provided
Seatbelt Reminder	Front passenger seat:Not provided