



New overall evaluation for vehicle safety

Driver's seat

★★★★★★ 6

32.66 points (90.7% of total)

Front passenger's seat

★★★★★★ 6

22.25 points (92.7% of total)

Test vehicle : PROBOX VAN / Succeed / MAZDA FAMILIA VAN

2003.8

Sold : TOYOTA MOTOR CORPORATION

Manufacture : UB-NCP51V

Type : 1,496cc

Displacement : 1,040kg

Vehicle weight : Length×Width×Height:4,195×1,690×1,525mm

Specification : A/T、FF、Seating Capacity:5

165R13-6PR LT、FALKEN LINAM R51

Tire (Size/Manufacture) : Full-wrap:1,259kg

Test Vehicle Weight : Offset:1,258kg

Side:1,138kg

Collision Tests

Full-wrap frontal collision test

Passenger protection performance				Head	Neck			Chest		Legs						Body deformation			
				Injury load	Shearing load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement	Femur load [kN]		Right leg		Left leg		Steering column deformation[mm]		Brake pedal deformation[mm]	
										[HIC]	[kN]	[kN]	[Nm]	[G-3m/sec]	[mm]	Right leg	Left leg	Upper TI	Lower TI
Driver's seat	Evaluation	Overall points	Score rate	277.5	0.41	1.19	28.66	44.43	32.58	0.43	0.18	0.61	0.30	0.63	0.29	0	23	55	0
	Level4	10.14	84.5%	491.7	0.88	1.10	16.44	45.74	27.23	0.95	0.46	0.62	0.42	0.38	0.42				
Front passenger's seat	Level4	10.25	85.4%	491.7	0.88	1.10	16.44	45.74	27.23	0.95	0.46	0.62	0.42	0.38	0.42				

Driver's seat/ Front passenger's seat	Door operability								Fuel leakage after collision	Rescuability	
	Driver side				Front passenger side					Driver's seat	Front passenger's seat
	Door operability		Door locked		Door operability		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

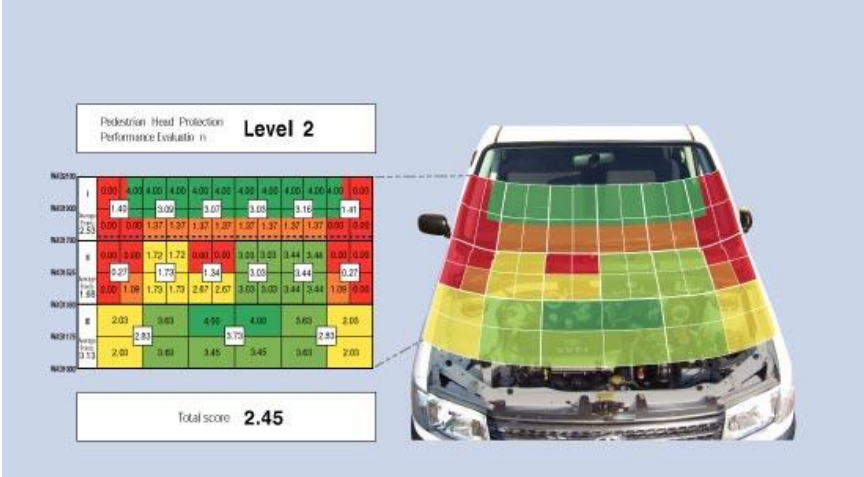
Passenger protection performance				Head	Neck			Chest		Legs						Body deformation			
				Injury load	Shearing load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement	Femur load [kN]		Right leg		Left leg		Steering column deformation[mm]		Brake pedal deformation[mm]	
	Evaluation	Overall points	Score rate	[HIC]	[kN]	[kN]	[Nm]	[G-3m/sec]	[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	10.52	87.7%	285.5	0.43	1.39	16.70	40.91	31.83	2.05	0.33	0.39	0.49	0.22	0.29	20	47	85	0
Front passenger's seat	Level5	11.14	92.8%	312.5	0.88	1.48	9.95	32.43	27.13	1.13	0.05	0.49	0.20	0.20	0.22				

Driver's seat/ Front passenger's seat	Door operability								Fuel leakage after collision	Rescuability	
	Driver side				Front passenger side					Driver's seat	Front passenger's seat
	Door operability		Door locked		Door operability		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

Side collision test

Passenger protection performance				Head injury value	Chest displacement	Abdomen load	Pubis load	Door operability				Fuel leakage after collision	Rescuability	Vehicle turned sideways after impact
								Front passenger side						
								Door operability		Door locked				
								First row (1st row)	Second row (2nd row)	First row (1st row)	Second row (2nd row)			
	Evaluation	Overall points	Score rate	[HPC]	[mm]	[kN]	[kN]	One hand	One hand	None	None	None	Front passenger's seat	
Driver's seat	Level5	12.00	100.0%	568.7	10.98	0.84	2.91	One hand	One hand	None	None	None	Hand	None

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
43.9	None	51.5	None

Installation Conditions Of Safety Devices

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