



Test vehicle : JPN TAXI
 Sold : 2017.10
 Manufacture : TOYOTA MOTOR CORPORATION
 Type : DAA-NTP10
 Displacement : 1,496cc
 Vehicle weight : 1,410kg
 Specification : Length × Width × Height : 4,400 × 1,695 × 1,750mm
 Stationwagon, E-CVT, FF, Seating Capacity:5
 Tire : 185/65R15
 Test Vehicle Weight : Full-wrap: 1,603kg
 Offset: 1,604kg
 Side: 1,487kg

New overall evaluation for vehicle safety

★★★★★ 182.9 * points

Occupants protection 90.53 points
 Pedestrian Protection 78.59 points
 PSBR 6.0 points



* As the evaluation method for the pedestrian protection performance was changed, it was multiplied by the correction coefficient so that it would be equal to the collision safety performance evaluations for FY 2011 to 2015.)

Collision Tests

Full-wrap frontal collision test

Passenger protection performance				Head		Neck				Chest			Legs				Body deformation			
				Evaluation	Overall points	Score rate	Injury load [HIC]	Shearing load [kN]	Tensile load [kN]	Moment of extension [Nm]	Secondary contact of upper chest and steering wheel	Resultant acceleration [m/s ² -3ms]	Chest displacement [mm]	Femur load [kN]		Right leg		Left leg		Steering column deformation[mm]
Driver's seat	Level4	10.37	86.5%	470.9	0.35	1.82	12.25	None	/	30.78	3.72	3.06	0.38	0.38	0.33	0.36	0	0	0	0
Front passenger seat	Level5	10.76	89.7%	413.9	0.72	1.27	32.17	/	/	28.72	1.34	1.96	0.25	0.30	0.28	0.21	/	/	/	/

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					
				Evaluation	Overall points	Score rate	Secondary collision	Injury load [HIC]	Shearing load [kN]	Tensile load [kN]	Moment of extension [Nm]	Secondary contact of upper chest and steering wheel	Resultant acceleration [m/s ² -3ms]	Chest displacement [mm]	Riding up of wrap belt from pelvis	Femur load [kN]		Right leg		Left leg		Steering column deformation[mm]
Driver's seat	Level4	9.87	82.3%	/	377.7	0.38	1.59	8.44	None	/	32.61	/	3.96	2.56	0.28	0.48	0.28	0.19	0	39	9	0
Rear passenger seat	Level5	10.82	90.2%	None	/	/	1.61	/	/	/	32.15	None	0.26	0.12	/	/	/	/	/	/	/	/

Rear 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

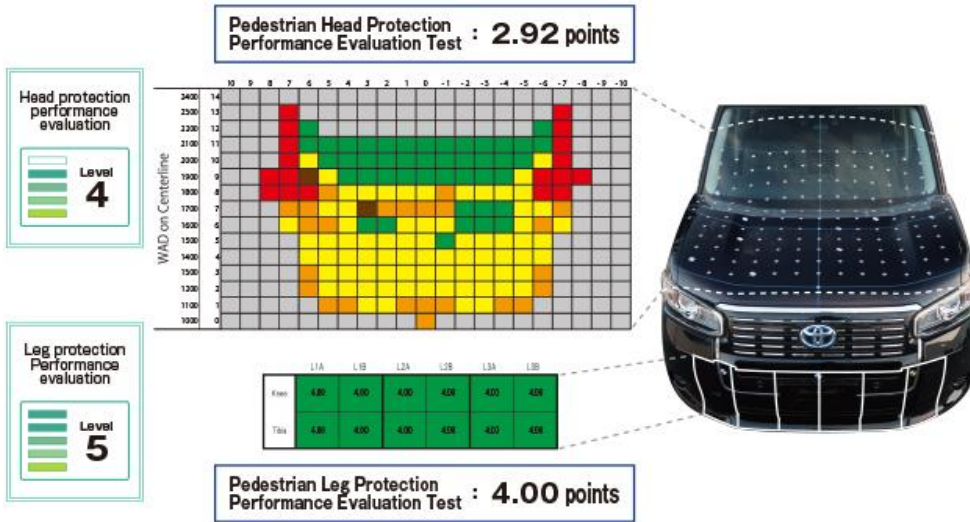
Side collision test

Passenger protection performance				Head injury value [HPC]	Chest displacement [mm]	Abdomen load [kN]	Pubis load [kN]	Door operability				Fuel leakage after collision	Rescuability	Vehicle turned sideways after impact
								Front passenger side		Door locked				
Evaluation	Overall points	Score rate					First row (1st row)	Second row (2nd row)	First row (1st row)	Second row (2nd row)				
Driver's seat	Level5	12.00	100.0%	42.9	18.55	0.68	2.25	One hand	One hand	None	None	None	Hand	None

Neck Injury Protection Rear-end Collision Performance Test

Passenger protection performance				NIC [m/s ²]	Upper neck				Lower neck			
					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	Level4	10.03	83.6%	15.2	15.5	254.3	7.5	14.3	146.7	74.5	3.6	2.0
Front passenger seat	Level5	11.10	92.6%	12.9	6.1	464.4	9.4	9.5	256.3	92.7	8.3	3.9

— Pedestrian Protection (Head Protection Performance Test / Leg Protection Performance Test)



— PSBR

Evaluation	Equipment Condition		Details													
	Front passenger's seat	Rear passenger's seat	Front passenger's seat								Rear passenger's seat					
			Auditory alarm			Visual alarm					Auditory alarm			Visual alarm		
			Sound	Range	Score	Display	Position	Range	Score	Sound	Range	Score	Display	Position	Range	Score
Level4	○	○	○	B	40	○	A	A	10	-	-	-	○	G	B	25

※1 [○] indicates that the vehicle has equipment with proper functions. [-] indicates that the vehicle does not have such equipment.
 ※2 In the "Range" column, "A" means driver's seat only, "B" means driver's seat and the passenger's seat concerned, and "C" means the passenger's seat concerned only.
 ※3 In the "Position" column, "A" means in front of the driver's seat, "B" means in front of the front passenger's seat, "C" means the center console area, "D" means in front of the rear seat on the window side, "E" means close to the center area of the rear seat, "F" means near the central ceiling area, "G" means room mirror part, "H" means Indicator area, and "Z" refers to other areas.

— Rear passenger's Seat Belt Usability Evaluation Test

Radar chart		Seat belt accessibility [mm]	Buckle identification	Insertability of tongue into buckle	Seat belt wearing comfortability [N]		Rear seat	
Front passenger seat side	Driver's seat side				50mm position	25mm position	Center seat	Remarks
					Design standard position	Design standard position		
		2nd row [Driver's seat side]	↓	f&g	7.1	1.2	3 point style	
		2nd row [Front passenger side]	b	f&g	8.2	1.7		

— Installation Conditions Of Safety Devices

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