

New overall evaluation for vehicle safety

Occupants protection

87.8 points

57.85 points

27.48 points

Pedestrian Protection **PSBR** 2.5 points

COROLLA SPORT Test vehicle

Sold 2018.6

Manufacture TOYOTA MOTOR CORPORATION

Type 6AA-ZWE211H

Displacement 1,797cc Vehicle weight 1,370kg

Specification Length \times Width \times Height: 4,375 \times 1,790 \times 1,460mm

5-door hatchback, E-CVT, FF, Seating Capacity: 5

Tire 205/55R16

Test Vehicle Weight: Full-wrap: 1,553kg

> Offset: 1,552kg Side: 1,448kg

Collision Tests

Full-wrap frontal collision test

				Head		Neck			Chest		Legs											Body deformation			
Pa	ssenger prote	ection perfo	rmance	Injury load	Shearing load	Tensile load	Moment of extension	contact of upper	Resultant accelerati on	Chest displacem ent	Riding up of wrap belt	Femu [k			Righ	nt leg			Lef	t leg		Steering deforma			pedal tion[mm]
	Evaluation	Overall points	Score rate	[HIC]	[kN]	[kN]]	[Nm]	and steering wheel	[m/s²- 3ms]	[mm]	from pelvis	Right leg	Left leg	Upper TI	Lower TI	Upper Tibia load [kN]	Lower Tibia load [kN]	Upper TI	Lower TI	Upper Tibia load [kN]	Lower Tibia load [kN]	Rear displacem ent	Upper displacem ent	Rear displacem ent	Upper displacem ent
Driver's seat	Level5	11.90	99.2%	384.1	0.75	1.42	8.05	None		22.51		1.20	1.31	0.34	0.15	1.81	2.28	0.24	0.20	1.73	2.05	0	0	0	0
passenge r's seat	Level5	12.00	100.0%	285.6	0.59	1.08	19.43			17.11	None	2.10	0.42												

				Door op	enability					Rescu	ability
Front		Driver side				Front pass	enger side		Fuel		
Drive it pas	Door op	enability	Door	locked	Door openabili		Door locked		leakage after	Driver's	Front
passenger's	First row (1st row)	Second row (2nd row)	collision	seat	's seat						
seat	One hand	One hand	None	None	One hand	One hand	None	None	None	Hand	Hand

Offset frontal collision test

				He	ad		Neck			Chest							Legs							Body def	ormation	
	Passenger prot	ection perfo		Secondary	Injury load	Shearing load	Tensile load	Moment of extension	Secondary contact of upper chest	Resultant accelerati on	Chest displacem ent	Riding up of wrap belt	Femu [k			Righ	t leg			Lef	t leg		Steering deformat		Brake deforma	pedal tion[mm]
	Evaluation	Overall points	Score rate	collision	[HIC]	[kN]	[kN]	[Nm]	and steering wheel	[m/s²= 3ms]	[mm]	from pelvis	Right leg	Left leg	Upper TI	Lower TI	Upper Tibia load [kN]	Lower Tibia load [kN]	Upper TI	Lower TI	Upper Tibia load [kN]	Lower Tibia load [kN]	Rear displacem ent	Upper displacem ent	Rear displacem ent	Upper displacem ent
seat	Driver's Level5	11.22	93.5%		272.8	0.35	1.33	7.51	None		25.12		1.11	1.74	0.50	0.26	2.25	2.52	0.31	0.39	1.79	1.97	0	0	0	0
r's seat	Rear Level5	11.66	97.2%	None			1.47				25.63	None	0.06	0.03												

				Door op	enability					Rescu	uability	
Rear		Driver s				Front pass	enger side		Fuel			
Driver'	Door op	enability	Door I	ocked	Door op	enability	Door	ocked	leakage after	Driver's	Front passenger	
s seat enger's	First row (1st row)	Second row (2nd row)	collision	seat	's seat							
seat	One hand	One hand	None	None	One hand	One hand	None	None	None	Hand	Hand	

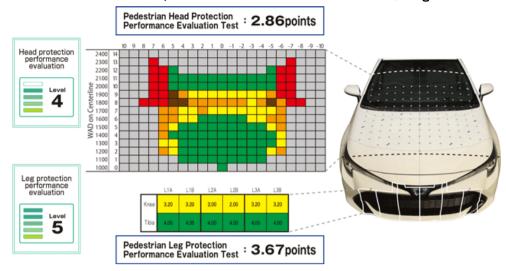
Side collision test

				Head		Chest	Abdomen			Door op	enability			Resucuabi lity	
Pas	senger prote	protection performance injury value		injury	Shoulder load	displacem	displacem	Lumbar load		Front pass	enger side		Fuel leakage		Vehicle turned
									Door op	enability	Door	ocked	. 6	Front passenger	sideways after
	Evaluation	Overall points	Score rate	[HIC]	[kN]	[mm]	[mm]	[kN]	First row (1st row)	Second row (2nd row)	First row (1st row)	Second row (2nd row)		's seat	impact
Driver's seat	Level5	12.00	100.0%	57.0	1.23	9.95	15.67	0.81	One hand	One hand	None	None	None	Hand	None

Neck Injury Protection Rear-end Collision Performance Test

	Passenger protection performance			NIC		Upper	r 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	Level5	11.40	95.0%	11.3	28.6	101.9	10.0	9.4	124.0	29.7	1.7	0.8			
Front passenge r's seat	1	1	1	1	1	1	1	1	1	1	1	1			

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



PSBR

		Equipment	Candition							Det	ails							
	Evaluation		Condition			Front	passenger's	seat		Rear passenger's seat								
ľ		Front Rear passenger passenger		А	uditory alan	m		Visual	alarm		А	uditory alan	m	Visual alarm				
		's seat	's seat	Sound	Range	Score	Display	Position	Range	Score	Sound	Range	Score	Display	Position	Range	Score	
	Level3	0	0	0	Α	40	0	Α	В	10	-	-	-	0	Α	В	12.50	

X1 [O] indicates that the vehicle has equipment with proper functions. [-] indicates that the vehicle does not have such equipment.

X2 In the "Range" column, "A" means driver's seat and the passenger's seat concerned. "B" means driver's seat only, and "C" means the passenger's seat concerned only.

X3 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 interrupts, and "H" refers to other areas.

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 Contorol System	Provided
Damage Mitigation Brake System	Provided
Seatbelt pretensioner	First row:Driver's seat:Provided/Front passenger seat:Provided Second row:Driver 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 side:Provided/Front passenger side:Provided/Center seat:Not provided
Seatbelt Reminder	Front passenger seat:Provided Rear passenger seat:Provided