

New overall evaluation for vehicle safety

Occupants protection

50.34 points

28.24 points Pedestrian Protection **PSBR** 3.0 points Test vehicle Mira TOCOT Sold 2018.6

Manufacture DAIHATSU MOTOR CO.,LTD.

Type DBA-LA550S

Displacement 658cc Vehicle weight 720kg

Specification Length \times Width \times Height: 3,395 \times 1,475 \times 1,530mm

5-door hatchback, CVT, FF, Seating Capacity: 4

Tire 155/65R14 75S Test Vehicle Weight: Full-wrap: 909kg

> Offset:912kg Side: 801kg

Collision Tests

Full-wrap frontal collision test

				Head		Neck Chest					Legs										Body deformation				
Pi	ssenger prote	ection perfo	rmance	Injury load	Shearing load	Tensile load	Moment of extension	Secondary contact of upper chest		Chest displacem ent	Riding up of wrap belt	vrap [kN]		Right leg					Left	t leg		Steering column deformation[mm]		Brake pedal deformation[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	Level3	8.28	69.1%	577.3	0.65	1.64	27.32	None		37.91		0.81	0.23	0.71	0.36	2.28	2.69	0.78	0.50	1.64	2.29	0	2	63	4
passenge r's seat	Level5	10.68	89.1%	503.4	0.86	1.11	47.91			21.94	None	0.39	0.07												

				Door op	enability					Rescu	ability
Front		Drive	r side			Front pass	enger side		Fuel		
Drive it pas	Door op	enability	Door	locked	Door op	enability	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 prote	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			Right leg			Left leg			Steering column deformation[mm]		Brake deforma	e pedal stion[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	Level3	8.99	74.9%		417.7	0.70	1.84	16.60	None		34.31		1.45	0.75	0.64	0.76	1.57	1.87	0.60	0.60	2.08	2.42	0	0	73	0
r's seat	Rear Level5	10.56	88.1%	None			1.67				34.20	None	0.38	0.13												

				Door op	enability					Rescu	uability	
Rear		Drive	r side			Front pass	enger side		Fuel			
Driver'	Door op	enability	Door I	locked	Door op	enability	Door	locked	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	

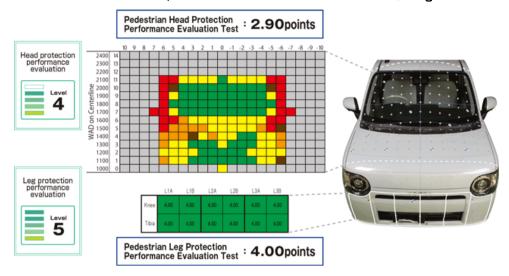
Side collision test

			Head			Chest	Abdomen			Door op	enability			Resucuabi lity	
Pas	senger prote	r protection performance inj		injury	Shoulder load	displacem ent	displacem ent	Lumbar load		Front pass	enger side		Fuel leakage		Vehicle turned
									Door op	enability	Door	locked	. 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	11.91	99.3%	121.2	0.77	26.34	33.52	1.75	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	Level4	10.42	86.8%	15.1	30.5	219.5	6.8	13.0	156.4	63.3	0.7	5.1			
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

		Carriamant	Condition							Det	ails							
Foods	uation		Condition			Front	passenger's	s seat		Rear passenger's seat								
Evail		Front	Rear passenger	A	uditory alan	m		Visual	alarm		А	uditory alar	m	Visual alarm				
		's seat	's seat	Sound	Range	Score	Display	Position	Range	Score	Sound	Range	Score	Display	Position	Range	Score	
Lev	vel4	0	0	0	Α	40	0	Α	В	10	-	-	-	0	G	Α	25	

| X\$1 (O) indicates that the vehicle has equipment with proper functions. [-] indicates that the vehicle does not have such equipment.
| X\$2 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.
| X\$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 round in 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 round in 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 round in 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 round in 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 round in 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 round in the rear seat, "E" means close to the center area.

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
Seat belt force (load) limiter	First row:Driver's seat:Provided/Front passenger seat:Provided Second row:Driver side:Provided/Front passenger side:Provided
Seatbelt Reminder	Front passenger seat:Provided Rear passenger seat:Provided