

MAJOR TECHNICAL SPECIFICATIONS

Item				Area			
Body Type				Europe			
Vehicle Grade				Liftback			
Model Code				—			
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	ZZT230L-BLFGHW	ZZT230R-BLFGHW	ZZT231L-BLFBVHW	ZZT231R-BLFBVHW
		Width	mm (in.)	4350 (171.3)	4350 (171.3)	4350 (171.3)	4350 (171.3)
		Height	mm (in.)	1735 (68.3)	1735 (68.3)	1735 (68.3)	1735 (68.3)
	Wheel Base		mm (in.)	1315 (51.8)	1315 (51.8)	1315 (51.8)	1315 (51.8)
	Tread	Front	mm (in.)	2600 (102.4)	2600 (102.4)	2600 (102.4)	2600 (102.4)
		Rear	mm (in.)	1490 (58.7)	1490 (58.7)	1490 (58.7)	1490 (58.7)
	Room	Length	mm (in.)	1480 (58.3)	1480 (58.3)	1480 (58.3)	1480 (58.3)
		Width	mm (in.)	1725 (67.9)	1725 (67.9)	1725 (67.9)	1725 (67.9)
		Height	mm (in.)	1440 (56.7)	1440 (56.7)	1440 (56.7)	1440 (56.7)
	Overhang	Front	mm (in.)	1185 (46.7)	1185 (46.7)	1185 (46.7)	1185 (46.7)
		Rear	mm (in.)	930 (36.6)	930 (36.6)	930 (36.6)	930 (36.6)
	Min. Running Ground Clearance		mm (in.)	820 (32.3)	820 (32.3)	820 (32.3)	820 (32.3)
	Angle of Approach		degrees	—	—	—	—
	Angle of Departure		degrees	—	—	—	—
	Curb Weight	Front	kg (lb)	670 - 700 (1477 - 1543)	670 - 700 (1477 - 1543)	710 - 730 (1565 - 1609)	710 - 730 (1565 - 1609)
		Rear	kg (lb)	430 - 485 (948 - 1069)	435 - 485 (959 - 1069)	430 - 485 (959 - 1065)	435 - 485 (959 - 1069)
		Total	kg (lb)	1100 - 1185 (2425 - 2612)	1105 - 1185 (2436 - 2612)	1140 - 1215 (2513 - 2679)	1145 - 1215 (2524 - 2679)
	Gross Vehicle Weight	Front	kg (lb)	795 (1753)	795 (1753)	825 (1819)	825 (1819)
		Rear	kg (lb)	770 (1698)	770 (1698)	770 (1698)	770 (1698)
		Total	kg (lb)	1565 (3450)	1565 (3450)	1595 (3516)	1595 (3516)
	Fuel Tank Capacity		ℓ (Imp.gal.)	55 (12.2)	55 (12.2)	55 (12.2)	55 (12.2)
	Luggage Compartment Capacity		m³ (cu.ft.)	0.365 (12.9)	0.365 (12.9)	0.365 (12.9)	0.365 (12.9)
Performance	Max. Speed		km/h (mph)	205 (128)	205 (128)	225 (141)	225 (141)
	Max. Cruising Speed		km/h (mph)	—	—	—	—
	Acceleration	0 to 100 km/h	sec.	8.7	8.7	7.4	7.4
		0 to 400 m	sec.	15.9	15.9	15.2	15.2
	Max. Permissible Speed	1st Gear	km/h (mph)	56 (35)	56 (35)	63 (39)	63 (39)
		2nd Gear	km/h (mph)	92 (57)	92 (57)	97 (60)	97 (60)
		3rd Gear	km/h (mph)	134 (83)	134 (83)	135 (84)	135 (84)
		4th Gear	km/h (mph)	171 (106)	171 (106)	171 (106)	171 (106)
	Min. Turning Radius	Tire	m (ft.)	5.2 (17.2)	5.2 (17.2)	5.2 (17.2)	5.2 (17.2)
		Body	m (ft.)	5.5 (18.2)	5.5 (18.2)	5.5 (18.2)	5.5 (18.2)
Engine	Engine Type			1ZZ-FE	1ZZ-FE	2ZZ-GE	2ZZ-GE
	Valve Mechanism			16-Valve, DOHC	16-Valve, DOHC	16-Valve, DOHC	16-Valve, DOHC
	Bore x Stroke		mm (in.)	79.0 x 91.5 (3.1 x 3.6)	79.0 x 91.5 (3.1 x 3.6)	82.0 x 85.0 (3.2 x 3.3)	82.0 x 85.0 (3.2 x 3.3)
	Displacement		cm³ (cu.in.)	1794 (109.4)	1794 (109.4)	1796 (109.5)	1796 (109.5)
	Compression Ratio			10.0 : 1	10.0 : 1	11.5 : 1	11.5 : 1
	Carburetor Type or Injection Pump Type (Diesel)			EFI	EFI	EFI	EFI
	Research Octane No. or Cetane No. (Diesel)			91	91	95 or more	95 or more
	Max. Output (SAE-NET)		kW / rpm	105 / 6400	105 / 6400	147 / 7800	147 / 7800
	Max. Torque (SAE-NET)		N·m / rpm	170 / 4200	170 / 4200	180 / 6800	180 / 6800
Engine Electrical	Battery Capacity (5HR)		Voltage & Amp. hr.	12 - 36	12 - 36	12 - 36	12 - 36
	Alternator Output		Watts	960	960	960	960
	Starter Output		kW	0.8, 1.0*1	0.8, 1.0*1	0.8, 1.0*1	0.8, 1.0*1
Chassis	Clutch Type			Dry, Single, Diaphragm	Dry, Single, Diaphragm	Dry, Single, Diaphragm	Dry, Single, Diaphragm
	Transaxle Type			C63	C63	C64	C64
	Transmission Gear Ratio	In First		3.166	3.166	3.166	3.166
		In Second		1.904	1.904	2.050	2.050
		In Third		1.310	1.310	1.481	1.481
		In Fourth		1.031	1.031	1.166	1.166
		In Fifth		0.864	0.864	0.916	0.916
		In Sixth		0.725	0.725	0.815	0.815
	In Reverse			3.250	3.250	3.250	3.250
	Counter Gear Ratio			—	—	—	—
	Differential Gear Ratio (Final)			4.312	4.312	4.529	4.529
	Brake Type	Front		Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
		Rear		Solid Disc	Solid Disc	Solid Disc	Solid Disc
	Parking Brake Type			Drum	Drum	Drum	Drum
	Brake Booster Type and Size		in.	Single 9.0"	Single 9.0"	Single 9.0"	Single 9.0"
	Proportioning Valve Type			—	—	—	—
	Suspension Type	Front		MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut
		Rear		Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone
	Stabilizer Bar	Front		STD	STD	STD	STD
		Rear		STD	STD	STD	STD
Steering Gear Type			Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion	
Steering Gear Ratio (Overall)			14.4	14.4	14.4	14.4	
Power Steering Type			Integral Type	Integral Type	Integral Type	Integral Type	

* : Onload Condition

*1 : Option

*2 : Without ABS

Item			Area	Australia	
Body Type				Liftback	
Vehicle Grade				SX	
Model Code				ZZT231R-BLFGFQ	ZZT231R-BLPGFQ
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4340 (170.9)	4340 (170.9)
		Width	mm (in.)	1735 (68.3)	1735 (68.3)
		Height	mm (in.)	1315 (51.8)	1315 (51.8)
	Wheel Base		mm (in.)	2600 (102.4)	2600 (102.4)
	Tread	Front	mm (in.)	1490 (58.7)	1490 (58.7)
		Rear	mm (in.)	1480 (58.3)	1480 (58.3)
	Room	Length	mm (in.)	1725 (67.9)	1725 (67.9)
		Width	mm (in.)	1440 (56.7)	1440 (56.7)
		Height	mm (in.)	1185 (46.7)	1185 (46.7)
	Overhang	Front	mm (in.)	920 (36.2)	920 (36.2)
		Rear	mm (in.)	820 (32.3)	820 (32.3)
	Min. Running Ground Clearance		mm (in.)	—	—
	Angle of Approach		degrees	—	—
	Angle of Departure		degrees	—	—
	Curb Weight	Front	kg (lb)	685 - 725 (1510 - 1598)	720 - 760 (1587 - 1675)
		Rear	kg (lb)	435 - 465 (959 - 1025)	435 - 465 (959 - 1025)
		Total	kg (lb)	1120 - 1190 (2467 - 2623)	1155 - 1225 (2546 - 2670)
Gross Vehicle Weight	Front	kg (lb)	870 (1918)	870 (1918)	
	Rear	kg (lb)	710 (1565)	710 (1565)	
	Total	kg (lb)	1580 (3483)	1580 (3483)	
Fuel Tank Capacity		ℓ (Imp.gal.)	55 (12.2)	55 (12.2)	
Luggage Compartment Capacity		m³ (cu.ft.)	0.365 (12.9)	0.365 (12.9)	
Performance	Max. Speed		km/h (mph)	215 (134)	215 (134)
	Max. Cruising Speed		km/h (mph)	—	—
	Acceleration	0 to 100 km/h	sec.	7.3	9.0
		0 to 400 m	sec.	15.0	16.3
	Max. Permissible Speed	1st Gear	km/h (mph)	60 (37)	—
		2nd Gear	km/h (mph)	93 (58)	—
		3rd Gear	km/h (mph)	128 (80)	—
		4th Gear	km/h (mph)	163 (101)	—
	Min. Turning Radius	Tire	m (ft.)	5.2 (17.2)	5.2 (17.2)
		Body	m (ft.)	5.5 (18.2)	5.5 (18.2)
	Engine	Engine Type		2ZZ-GE	2ZZ-GE
Valve Mechanism		16-Valve, DOHC	16-Valve, DOHC		
Bore x Stroke		mm (in.)	82.0 x 85.0 (3.2 x 3.3)		
Displacement		cm³ (cu.in.)	1796 (109.5)		
Compression Ratio		11.5 : 1	11.5 : 1		
Carburetor Type or Injection Pump Type (Diesel)		EFI	EFI		
Research Octane No. or Cetane No. (Diesel)		95 or more	95 or more		
Max. Output (SAE-NET)		kW / rpm	140 / 7600		
Engine Electrical	Max. Torque (SAE-NET)		N·m / rpm	180 / 6800	
	Battery Capacity (5HR)	Voltage & Amp. hr.	12 - 36	12 - 36	
	Alternator Output	Watts	960	960	
Chassis	Starter Output		kW	0.8	0.8
	Clutch Type		Dry, Single, Diaphragm	—	
	Transaxle Type		C60	U240E	
	Transmission Gear Ratio	In First	3.166	3.943	
		In Second	2.050	2.197	
		In Third	1.481	1.413	
		In Fourth	1.166	1.020	
		In Fifth	0.916	—	
		In Sixth	0.725	—	
	In Reverse		3.250	3.145	
	Counter Gear Ratio		—	—	
	Differential Gear Ratio (Final)		4.529	3.120	
	Brake Type	Front	Ventilated Disc	Ventilated Disc	
		Rear	Solid Disc	Solid Disc	
	Parking Brake Type		Drum	Drum	
	Brake Booster Type and Size		in.	Single 9.0"	Single 9.0"
	Proportioning Valve Type		Dual P Valve*2	Dual P Valve*2	
Suspension Type	Front	MacPherson Strut	MacPherson Strut		
	Rear	Double Wishbone	Double Wishbone		
Stabilizer Bar	Front	STD	STD		
	Rear	STD	STD		
Steering Gear Type		Rack & Pinion	Rack & Pinion		
Steering Gear Ratio (Overall)		14.4	14.4		
Power Steering Type		Integral Type	Integral Type		

*: Onload Condition

*1: Option

*2: Without ABS