

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	5
		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)	
			mm (in.)	2600 (102.4)	2600 (102.4)	2600 (102.4)	2600 (102.4)	
	Tread	Front	mm (in.)	1490 (58.7)	1490 (58.7)	1490 (58.7)	1490 (58.7)	
		Rear	mm (in.)	1480 (58.3)	1480 (58.3)	1480 (58.3)	1480 (58.3)	
	Room	Length	mm (in.)	1725 (67.9)	1725 (67.9)	1725 (67.9)	1725 (67.9)	10
		Width	mm (in.)	1440 (56.7)	1440 (56.7)	1440 (56.7)	1440 (56.7)	
		Height	mm (in.)	1185 (46.7)	1185 (46.7)	1185 (46.7)	1185 (46.7)	
	Overhang	Front	mm (in.)	930 (36.6)	930 (36.6)	930 (36.6)	930 (36.6)	
		Rear	mm (in.)	820 (32.3)	820 (32.3)	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)	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 (998 - 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)	25
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)	5
		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)	10
	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)	15
	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)	20	
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)	25	
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	30
	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)	35
		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)	82.0 x 85.0 (3.2 x 3.3)	
	Displacement		cm³ (cu.in.)	1796 (109.5)	1796 (109.5)	40
	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	140 / 7600	
Engine Electrical	Max. Torque (SAE-NET)		N·m / rpm	180 / 6800	180 / 6800	45
	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		50
	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	—	55
		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	60
		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	65	
	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	70	
Power Steering Type			Integral Type	Integral Type		

*: Onload Condition

*1: Option

*2: Without ABS