

# MAJOR TECHNICAL SPECIFICATIONS

Item		Area	G.C.C. Countries	Australia		
Body Type			4-Door Sedan			
Vehicle Grade			—			
Model Code			MCV30L-BEAGKV	MCV30R-BEAGKQ		
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4855 (191.1)	4855 (191.1)	5
		Width	mm (in.)	1810 (71.3)	1810 (71.3)	
		Height	mm (in.)	1465 (57.7)	1455 (57.3)	
	Wheel Base	mm (in.)	2720 (107.1)	2720 (107.1)		
	Tread	Front	mm (in.)	1545 (60.8)	1545 (60.8)	
		Rear	mm (in.)	1535 (60.4)	1535 (60.4)	10
	Room	Length	mm (in.)	2025 (79.7)	2025 (79.7)	
		Width	mm (in.)	1510 (59.4)	1510 (59.4)	
		Height	mm (in.)	1185 (46.7)	1185 (46.7)	
	Overhang	Front	mm (in.)	995 (39.2)	995 (39.2)	
		Rear	mm (in.)	1140 (44.9)	1140 (44.9)	15
	Min. Running Ground Clearance	mm (in.)	165 (6.5)	155 (6.1)		
	Angle of Approach	degrees	16.5	15.9		
	Angle of Departure	degrees	18	16.3		
	Curb Weight	Front	kg (lb)	960 (2120)	960 (2120)	
Rear		kg (lb)	610 (1340)	610 (1340)	20	
Total		kg (lb)	1570 (3460)	1570 (3460)		
Gross Vehicle Weight	Front	kg (lb)	1080 (2380)	1080 (2380)		
	Rear	kg (lb)	910 (2010)	940 (2070)		
	Total	kg (lb)	1990 (4390)	2020 (4450)		
Fuel Tank Capacity	ℓ (Imp.gal.)	70 (15.4)	70 (15.4)	25		
Luggage Compartment Capacity	m <sup>3</sup> (cu.ft.)	0.519 (18.3)	0.519 (18.3)			
Performance	Max. Speed	km/h (mph)	220 (137)	220 (137)		
	Max. Cruising Speed	km/h (mph)	—	—		
	Acceleration	0 to 100 km/h	sec.	8.7	8.7	
		0 to 400 m	sec.	16.1	16.1	30
	Max. Permissible Speed	1st Gear	km/h (mph)	52 (32)	52 (32)	
		2nd Gear	km/h (mph)	94 (58)	94 (58)	
		3rd Gear	km/h (mph)	147 (91)	147 (91)	
4th Gear		km/h (mph)	—	—		
Min. Turning Radius	Tire	m (ft.)	5.6 (18.4)	5.6 (18.4)	35	
	Body	m (ft.)	6.0 (19.7)	6.0 (19.7)		
Engine	Engine Type		1MZ-FE	1MZ-FE		
	Valve Mechanism		24-Valve, DOHC	24-Valve, DOHC		
	Bore x Stroke	mm (in.)	87.5 x 83.0 (3.44 x 3.27)	87.5 x 83.0 (3.44 x 3.27)		
	Displacement	cm <sup>3</sup> (cu.in.)	2995 (182.8)	2995 (182.8)	40	
	Compression Ratio		10.5 : 1	10.5 : 1		
	Fuel System		EFI	EFI		
	Research Octane No. or Cetane No. (Diesel)		95 or higher	91 or higher		
	Max. Output (SAE-NET)	kW / rpm	158 / 5800	158 / 5800		
	Max. Torque (SAE-NET)	Nm / rpm	299 / 4400	299 / 4400	45	
Engine Electrical	Battery Capacity (5HR)	Voltage & Amp. hr.	12-48	12-48		
	Alternator Output	Watts	1200	1200		
	Starter Output	kW	1.6	1.6		
Chassis	Clutch Type		—	—		
	Transaxle Type		U150E	U150E	50	
	Transmission Gear Ratio*	In First		3.938	3.938	
		In Second		2.194	2.194	
		In Third		1.411	1.411	
		In Fourth		0.973	0.973	
		In Fifth		0.703	0.703	55
	In Reverse		3.141	3.141		
	Counter Gear Ratio		1.019	1.019		
	Differential Gear Ratio (Final)	mm (in.)	3.478	3.478		
	Brake Type	Front		Ventilated Disc	Ventilated Disc	
		Rear		Solid Disc	Solid Disc	60
	Parking Brake Type		Drum	Drum		
	Brake Booster Type and Size	in.	Single 10.5"	Single 7.5" + 7.5"		
	Proportioning Valve Type		—	—		
Suspension Type	Front		MacPherson Strut	MacPherson Strut		
	Rear		MacPherson Strut	MacPherson Strut	65	
Stabilizer Bar	Front		STD	STD		
	Rear		STD	STD		
Steering Gear Type		Rack & Pinion	Rack & Pinion			
Steering Gear Ratio (Overall)		16.0	16.0			
Power Steering Type		Integral Type	Integral Type	70		

\*: Counter Gear Ratio Included