

MAJOR TECHNICAL SPECIFICATIONS

Item			Area		Europe							
Body Type			4-Door Sedan									
Vehicle Grade			GL									
Model Code			ACV30L-AEMNKW		ACV30R-AEMNKW		ACV30L-AEPNKW		ACV30R-AEPNKW			
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4805 (189.2)		←		←		←		5
		Width	mm (in.)	1795 (70.7)		←		←		←		
		Height	mm (in.)	1490 (58.7)* ¹ , 1505 (59.3)* ² , 1500 (59.1)* ³ , 1515 (59.6)* ⁴		←		←		←		
	Wheel Base		mm (in.)	2720 (107.1)		←		←		←		
	Tread	Front	mm (in.)	1545 (60.8)		←		←		←		
		Rear	mm (in.)	1535 (60.4)		←		←		←		10
	Room	Length	mm (in.)	1870 (73.6)		←		←		←		
		Width	mm (in.)	1515 (59.6)		←		←		←		
		Height	mm (in.)	1190 (46.9)		←		←		←		
	Overhang	Front	mm (in.)	950 (37.4)		←		←		←		
		Rear	mm (in.)	1145 (45.1)		←		←		←		15
	Min. Running Ground Clearance		mm (in.)	150 (5.9)* ¹ , 165 (6.5)* ²		←		←		←		
	Angle of Approach		degrees	15.2°		←		←		←		
	Angle of Departure		degrees	16.6°		←		←		←		
	Curb Weight	Front	kg (lb)	870 (1918)		←		895 (1973)		←		
		Rear	kg (lb)	600 (1323)		←		595 (1312)		←		20
		Total	kg (lb)	1470 (3241)		←		1490 (3285)		←		
Gross Vehicle Weight	Front	kg (lb)	1000 (2205)		←		←		←			
	Rear	kg (lb)	935 (2061)		←		←		←			
	Total	kg (lb)	1935 (4266)		←		←		←			
Fuel Tank Capacity		ℓ (Imp.gal.)	70 (15.4)		←		←		←		25	
Luggage Compartment Capacity		m ³ (cu.ft.)	14.1 (497.9)		←		←		←			
Performance	Max. Speed		km / h (mph)	210 (130)		←		200 (124)		←		
	Max. Cruising Speed		km / h (mph)	—		—		—		—		
	Acceleration	0 to 100 km / h	sec.	9.4		←		10.5		←		
		0 to 400 m	sec.	16.5		←		17.2		←		30
	Max. Permissible Speed	1st Gear	km / h (mph)	52 (32)* ⁵ , 53 (37)* ⁶		←		64 (40)		←		
		2nd Gear	km / h (mph)	89 (55)* ⁵ , 92 (57)* ⁶		←		115 (71)		←		
		3rd Gear	km / h (mph)	137 (85)* ⁵ , 141 (88)* ⁶		←		—		—		
		4th Gear	km / h (mph)	178 (111)* ⁵ , 183 (114)* ⁶		←		—		—		
	Min. Turning Radius	Tire	m (ft.)	5.3 (17.4)* ⁵ , 5.6 (18.4)* ⁶		←		←		←		35
		Body	m (ft.)	5.7 (18.7)* ⁵ , 6.0 (19.7)* ⁶		←		←		←		
Engine	Engine Type		2AZ-FE		←		←		←			
	Valve Mechanism		16-Valve, DOHC		←		←		←			
	Bore x Stroke		mm (in.)	88.5 x 96.0 (3.48 x 3.78)		←		←		←		
	Displacement		cm ³ (cu.in.)	2362 (144.2)		←		←		←		40
	Compression Ratio		9.6 : 1		←		←		←			
	Carburetor Type or Injection Pump Type (Diesel)		EFI		←		←		←			
	Research Octane No. or Cetane No. (Diesel)		95 or higher		←		←		←			
	Max. Output (EEC)		kW / rpm	115 / 5600		←		←		←		
	Max. Torque (EEC)		N·m / rpm	221 / 4000		←		←		←		45
Engine Electrical	Battery Capacity (5HR)		Voltage & Amp. hr.	12-48* ⁷ , 12-55* ⁸		←		←		←		
	Alternator Output		Watts	960		←		←		←		
Starter Output		kW	1.6		←		←		←			
Chassis	Clutch Type		Dry, Single		←		—		—			
	Transaxle Type		E354		←		U241E		←		50	
	Transmission Gear Ratio	In First	3.538		←		3.943		←			
		In Second	2.045		←		2.197		←			
		In Third	1.333		←		1.413		←			
		In Fourth	1.028		←		1.020		←			
		In Fifth	0.820		←		—		—		55	
		In Reverse	3.583		←		3.145		←			
	Counter Gear Ratio		—		—		—		—			
	Differential Gear Ratio (Final)		3.944		←		2.740		←			
	Brake Type	Front	Ventilated Disc		←		←		←			
		Rear	Solid Disc		←		←		←		60	
	Parking Brake Type		Duo-Servo		←		←		←			
	Brake Booster Type and Size		in.	Tandem 10.5"		Tandem 7.5" + 7.5"		Tandem 10.5"		Tandem 7.5" + 7.5"		
	Proportioning Valve Type		—		—		—		—			
	Suspension Type	Front	MacPherson Strut		←		←		←			
		Rear	MacPherson Strut		←		←		←		65	
Stabilizer Bar	Front	STD		←		←		←				
	Rear	STD		←		←		←				
Steering Gear Type		Rack & Pinion		←		←		←				
Steering Gear Ratio (Overall)		17.4 : 1		←		←		←				
Power Steering Type		Integral Type		←		←		←		70		

*1: Standard height model with 205/65/R15 Tire

*2: Toller model with 205/65/R15 Tire

*3: Standard height model with 215/60/R16 Tire

*4: Toller model with 215/60/R16 Tire

*5: With 205/65/R15 Tire

*6: With 215/60/R16 Tire

*7: Set Option without Cold Area Spec.

*8: Set Option with Cold Area Spec.

	Europe		General Countries	
	4-Door Sedan			
	GX		GL	
	MCV30L-AEPGKW	MCV30R-AEPGKW	ACV31L-AEPNKW	ACV31R-AEPNKW
5	←	←	←	←
	←	←	←	←
	←	←	1505 (59.3)* ⁵ , 1515 (59.6)* ⁶	1490 (58.7)* ⁵ , 1500 (59.1)* ⁶
	←	←	←	←
10	←	←	←	←
	←	←	←	←
	←	←	←	←
	←	←	←	←
15	←	←	←	←
	←	←	←	←
	←	←	←	←
	←	←	←	←
20	970 (2138)	←	885 (1951)	←
	600 (1323)	←	585 (1290)	←
	1570 (3461)	←	1470 (3241)	←
	1075 (2370)	←	1000 (2205)	←
	940 (2072)	←	935 (2061)	←
	2015 (4442)	←	1935 (4266)	←
25	←	←	←	←
	←	←	←	←
	225 (139.8)	←	188 (116.8)	←
	—	—	—	—
30	9.1	←	—	—
	16.4	←	18.2	←
	←	←	59 (37)	←
	116 (72)	←	106 (66)	←
35	—	—	—	—
	5.6 (18.4)	←	5.3 (17.4)	←
	6.0 (19.7)	←	5.7 (18.7)	←
	1MZ-FE	←	1AZ-FE	←
40	24-Valve, DOHC	←	16-Valve, DOHC	←
	87.5 x 83.0 (3.44 x 3.27)	←	86.0 x 86.0 (3.39 x 3.39)	←
	2,995 (182.8)	←	1,998 (122.1)	←
	10.5 : 1	←	9.8 : 1	←
45	←	←	←	←
	←	←	←	←
	—	—	110 / 6000	←
	←	←	192 / 4000	←
50	←	←	12-55	12-48 (12-55)* ¹
	1200	←	960	←
	←	←	←	←
	—	—	—	—
55	U140E	←	U241E	←
	3.938	←	3.943	←
	2.194	←	2.197	←
	1.411	←	1.413	←
60	1.019	←	1.020	←
	—	—	—	—
	3.141	←	3.145	←
	—	—	—	—
65	2.814	←	3.120	←
	←	←	←	←
	←	←	←	←
	←	←	←	←
70	←	←	←	←
	←	←	←	←
	←	←	←	←
	←	←	←	←