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)	4805 (189.2)	4805 (189.2)	4805 (189.2)
		Width	mm (in.)	1795 (70.7)	1795 (70.7)	1795 (70.7)	1795 (70.7)
		Height	mm (in.)	1490 (58.7)*1, 1505 (59.3)*2, 1500 (59.1)*3, 1515 (59.6)*4	1490 (58.7)*1, 1505 (59.3)*2, 1500 (59.1)*3, 1515 (59.6)*4	1490 (58.7)*1, 1505 (59.3)*2, 1500 (59.1)*3, 1515 (59.6)*4	1490 (58.7)*1, 1505 (59.3)*2, 1500 (59.1)*3, 1515 (59.6)*4
	Wheel Base		mm (in.)	2720 (107.1)	2720 (107.1)	2720 (107.1)	2720 (107.1)
	Tread	Front	mm (in.)	1545 (60.8)	1545 (60.8)	1545 (60.8)	1545 (60.8)
		Rear	mm (in.)	1535 (60.4)	1535 (60.4)	1535 (60.4)	1535 (60.4)
	Room	Length	mm (in.)	1870 (73.6)	1870 (73.6)	1870 (73.6)	1870 (73.6)
		Width	mm (in.)	1515 (59.6)	1515 (59.6)	1515 (59.6)	1515 (59.6)
		Height	mm (in.)	1190 (46.9)	1190 (46.9)	1190 (46.9)	1190 (46.9)
	Overhang	Front	mm (in.)	950 (37.4)	950 (37.4)	950 (37.4)	950 (37.4)
		Rear	mm (in.)	1145 (45.1)	1145 (45.1)	1145 (45.1)	1145 (45.1)
	Min. Running Ground Clearance		mm (in.)	150 (5.9)*1, 165 (6.5)*2	150 (5.9)*1, 165 (6.5)*2	150 (5.9)*1, 165 (6.5)*2	150 (5.9)*1, 165 (6.5)*2
	Angle of Approach		degrees	15.2°	15.2°	15.2°	15.2°
	Angle of Departure		degrees	16.6°	16.6°	16.6°	16.6°
	Curb Weight	Front	kg (lb)	870 (1918)	870 (1918)	895 (1973)	895 (1973)
		Rear	kg (lb)	600 (1323)	600 (1323)	595 (1312)	595 (1312)
		Total	kg (lb)	1470 (3241)	1470 (3241)	1490 (3285)	1490 (3285)
	Gross Vehicle Weight	Front	kg (lb)	1000 (2205)	1000 (2205)	1000 (2205)	1000 (2205)
		Rear	kg (lb)	935 (2061)	935 (2061)	935 (2061)	935 (2061)
		Total	kg (lb)	1935 (4266)	1935 (4266)	1935 (4266)	1935 (4266)
	Fuel Tank Capacity		ℓ (Imp.gal.)	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)
	Luggage Compartment Capacity		m³ (cu.ft.)	14.1 (497.9)	14.1 (497.9)	14.1 (497.9)	14.1 (497.9)
Performance	Max. Speed		km / h (mph)	210 (130)	210 (130)	200 (124)	200 (124)
	Max. Cruising Speed		km / h (mph)	—	—	—	—
	Acceleration	0 to 100 km / h	sec.	9.4	9.4	10.5	10.5
		0 to 400 m	sec.	16.5	16.5	17.2	17.2
	Max. Permissible Speed	1st Gear	km / h (mph)	52 (32)*5, 53 (37)*6	52 (32)*5, 53 (37)*6	64 (40)	64 (40)
		2nd Gear	km / h (mph)	89 (55)*5, 92 (57)*6	89 (55)*5, 92 (57)*6	115 (71)	115 (71)
		3rd Gear	km / h (mph)	137 (85)*5, 141 (88)*6	137 (85)*5, 141 (88)*6	—	—
		4th Gear	km / h (mph)	178 (111)*5, 183 (114)*6	178 (111)*5, 183 (114)*6	—	—
	Min. Turning Radius	Tire	m (ft.)	5.3 (17.4)*5, 5.6 (19.7)*6	5.3 (17.4)*5, 5.6 (19.7)*6	5.3 (17.4)*5, 5.6 (19.7)*6	5.3 (17.4)*5, 5.6 (19.7)*6
		Body	m (ft.)	5.7 (18.7)*5, 6.0 (19.7)*6	5.7 (18.7)*5, 6.0 (19.7)*6	5.7 (18.7)*5, 6.0 (19.7)*6	5.7 (18.7)*5, 6.0 (19.7)*6
Engine	Engine Type			2AZ-FE	2AZ-FE	2AZ-FE	2AZ-FE
	Valve Mechanism			16-Valve, DOHC	16-Valve, DOHC	16-Valve, DOHC	16-Valve, DOHC
	Bore x Stroke		mm (in.)	88.5 x 96.0 (3.48 x 3.78)	88.5 x 96.0 (3.48 x 3.78)	88.5 x 96.0 (3.48 x 3.78)	88.5 x 96.0 (3.48 x 3.78)
	Displacement		cm³ (cu.in.)	2362 (144.2)	2362 (144.2)	2362 (144.2)	2362 (144.2)
	Compression Ratio			9.6 : 1	9.6 : 1	9.6 : 1	9.6 : 1
	Fuel System			EFI	EFI	EFI	EFI
	Research Octane Number			95 or higher	95 or higher	95 or higher	95 or higher
	Max. Output (EEC)		kW / rpm	115 / 5600	115 / 5600	115 / 5600	115 / 5600
	Max. Torque (EEC)		N·m / rpm	221 / 4000	221 / 4000	221 / 4000	221 / 4000
Engine Electrical	Battery Capacity (5HR)		Voltage & Amp. hr.	12-48*7, 12-55*8	12-48*7, 12-55*8	12-48*7, 12-55*8	12-48*7, 12-55*8
	Alternator Output		Watts	960	960	960	960
	Starter Output		kW	1.6	1.6	1.6	1.6
Chassis	Clutch Type			Dry Single Plate, Diaphragm	Dry Single Plate, Diaphragm	—	—
	Transaxle Type			E354	E354	U241E	U241E
	Transmission Gear Ratio	In First		3.538	3.538	3.943	3.943
		In Second		2.045	2.045	2.197	2.197
		In Third		1.333	1.333	1.413	1.413
		In Fourth		1.028	1.028	1.020	1.020
		In Fifth		0.820	0.820	—	—
		In Reverse		3.583	3.583	3.145	3.145
	Counter Gear Ratio			—	—	—	—
	Differential Gear Ratio (Final)			3.944	3.944	2.740	2.740
	Brake Type	Front		Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
		Rear		Solid Disc	Solid Disc	Solid Disc	Solid Disc
	Parking Brake Type			Duo-Servo	Duo-Servo	Duo-Servo	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	MacPherson Strut	MacPherson Strut	MacPherson Strut
		Rear		MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut
	Stabilizer Bar	Front		Standard	Standard	Standard	Standard
		Rear		Standard	Standard	Standard	Standard
	Steering Gear Type			Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion
	Steering Gear Ratio (Overall)			17.4 : 1	17.4 : 1	17.4 : 1	17.4 : 1
	Power Steering Type			Integral Type	Integral Type	Integral Type	Integral Type

*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
4805 (189.2)	4805 (189.2)	4805 (189.2)	4805 (189.2)
1795 (70.7)	1795 (70.7)	1795 (70.7)	1795 (70.7)
1490 (58.7)*1, 1505 (59.3)*2, 1500 (59.1)*3, 1515 (59.6)*4	1490 (58.7)*1, 1505 (59.3)*2, 1500 (59.1)*3, 1515 (59.6)*4	1505 (59.3)*5, 1515 (59.6)*6	1490 (58.7)*5, 1500 (59.1)*6
2720 (107.1)	2720 (107.1)	2720 (107.1)	2720 (107.1)
1545 (60.8)	1545 (60.8)	1545 (60.8)	1545 (60.8)
1535 (60.4)	1535 (60.4)	1535 (60.4)	1535 (60.4)
1870 (73.6)	1870 (73.6)	1870 (73.6)	1870 (73.6)
1515 (59.6)	1515 (59.6)	1515 (59.6)	1515 (59.6)
1190 (46.9)	1190 (46.9)	1190 (46.9)	1190 (46.9)
950 (37.4)	950 (37.4)	950 (37.4)	950 (37.4)
1145 (45.1)	1145 (45.1)	1145 (45.1)	1145 (45.1)
150 (5.9)*1, 165 (6.5)*2	150 (5.9)*1, 165 (6.5)*2	150 (5.9)*1, 165 (6.5)*2	150 (5.9)*1, 165 (6.5)*2
15.2°	15.2°	15.2°	15.2°
16.6°	16.6°	16.6°	16.6°
970 (2138)	970 (2138)	885 (1951)	885 (1951)
600 (1323)	600 (1323)	585 (1290)	585 (1290)
1570 (3461)	1570 (3461)	1470 (3241)	1470 (3241)
1075 (2370)	1075 (2370)	1000 (2205)	1000 (2205)
940 (2072)	940 (2072)	935 (2061)	935 (2061)
2015 (4442)	2015 (4442)	1935 (4266)	1935 (4266)
70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)
14.1 (497.9)	14.1 (497.9)	14.1 (497.9)	14.1 (497.9)
225 (139.8)	225 (139.8)	188 (116.8)	188 (116.8)
—	—	—	—
9.1	9.1	—	—
16.4	16.4	18.2	18.2
64 (40)	64 (40)	59 (37)	59 (37)
116 (72)	116 (72)	106 (66)	106 (66)
—	—	—	—
—	—	—	—
5.6 (18.4)	5.6 (18.4)	5.3 (17.4)	5.3 (17.4)
6.0 (19.7)	6.0 (19.7)	5.7 (18.7)	5.7 (18.7)
1MZ-FE	1MZ-FE	1AZ-FE	1AZ-FE
24-Valve, DOHC	24-Valve, DOHC	16-Valve, DOHC	16-Valve, DOHC
87.5 x 83.0 (3.44 x 3.27)	87.5 x 83.0 (3.44 x 3.27)	86.0 x 86.0 (3.39 x 3.39)	86.0 x 86.0 (3.39 x 3.39)
2,995 (182.8)	2,995 (182.8)	1,998 (122.1)	1,998 (122.1)
10.5 : 1	10.5 : 1	9.8 : 1	9.8 : 1
EFI	EFI	EFI	EFI
95 or higher	95 or higher	95 or higher	95 or higher
139 / 5,300	139 / 5,300	110 / 6,000	110 / 6,000
274 / 4,400	274 / 4,400	192 / 4,000	192 / 4,000
12-48*7, 12-55*8	12-48*7, 12-55*8	12-55	12-48 (12-55)*1
1200	1200	960	960
1.6	1.6	1.6	1.6
—	—	—	—
U140E	U140E	U241E	U241E
3.938	3.938	3.943	3.943
2.194	2.194	2.197	2.197
1.411	1.411	1.413	1.413
1.019	1.019	1.020	1.020
—	—	—	—
3.141	3.141	3.145	3.145
—	—	—	—
2.814	2.814	3.120	3.120
Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
Solid Disc	Solid Disc	Solid Disc	Solid Disc
Duo-Servo	Duo-Servo	Duo-Servo	Duo-Servo
Tandem 10.5”	Tandem 7.5”+ 7.5”	Tandem 10.5”	Tandem 7.5”+ 7.5”
—	—	—	—
MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut
MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut
Standard	Standard	Standard	Standard
Standard	Standard	Standard	Standard
Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion
17.4 : 1	17.4 : 1	17.4 : 1	17.4 : 1
Integral Type	Integral Type	Integral Type	Integral Type

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