

## MAJOR TECHNICAL SPECIFICATIONS

Item		Area	Europe				
Body Type			4-Door Sedan				
Vehicle Grade			GL				
Model Code			ACV30L-AEMNWK	ACV30R-AEMNWK	ACV30L-AEPNWK	ACV30R-AEPNWK	
Major Dimensions & Vehicle Weights	Overall	Length mm (in.)	4805 (189.2)	4805 (189.2)	4805 (189.2)	4805 (189.2)	5
		Width mm (in.)	1795 (70.7)	1795 (70.7)	1795 (70.7)	1795 (70.7)	
		Height mm (in.)	1490 (58.7)* <sup>1</sup> , 1505 (59.3)* <sup>2</sup> , 1500 (59.1)* <sup>3</sup> , 1515 (59.6)* <sup>4</sup>	1490 (58.7)* <sup>1</sup> , 1505 (59.3)* <sup>2</sup> , 1500 (59.1)* <sup>3</sup> , 1515 (59.6)* <sup>4</sup>	1490 (58.7)* <sup>1</sup> , 1505 (59.3)* <sup>2</sup> , 1500 (59.1)* <sup>3</sup> , 1515 (59.6)* <sup>4</sup>	1490 (58.7)* <sup>1</sup> , 1505 (59.3)* <sup>2</sup> , 1500 (59.1)* <sup>3</sup> , 1515 (59.6)* <sup>4</sup>	
	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)	10
		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)	15
		Rear mm (in.)	1145 (45.1)	1145 (45.1)	1145 (45.1)	1145 (45.1)	
	Min. Running Ground Clearance	mm (in.)	150 (5.9)* <sup>1</sup> , 165 (6.5)* <sup>2</sup>	150 (5.9)* <sup>1</sup> , 165 (6.5)* <sup>2</sup>	150 (5.9)* <sup>1</sup> , 165 (6.5)* <sup>2</sup>	150 (5.9)* <sup>1</sup> , 165 (6.5)* <sup>2</sup>	
	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)	20
		Rear kg (lb)	600 (1323)	600 (1323)	595 (1312)	595 (1312)	
		Total kg (lb)	1470 (3241)	1470 (3241)	1490 (3285)	1490 (3285)	
Performance	Gross Vehicle Weight	Front kg (lb)	1000 (2205)	1000 (2205)	1000 (2205)	1000 (2205)	25
		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	m <sup>3</sup> (cu.ft.)	14.1 (497.9)	14.1 (497.9)	14.1 (497.9)	14.1 (497.9)	
	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	30
		0 to 400 m sec.	16.5	16.5	17.2	17.2	
	Max. Permissible Speed	1st Gear km/h (mph)	52 (32)* <sup>5</sup> , 53 (37)* <sup>6</sup>	52 (32)* <sup>5</sup> , 53 (37)* <sup>6</sup>	64 (40)	64 (40)	
		2nd Gear km/h (mph)	89 (55)* <sup>5</sup> , 92 (57)* <sup>6</sup>	89 (55)* <sup>5</sup> , 92 (57)* <sup>6</sup>	115 (71)	115 (71)	
		3rd Gear km/h (mph)	137 (85)* <sup>5</sup> , 141 (88)* <sup>6</sup>	137 (85)* <sup>5</sup> , 141 (88)* <sup>6</sup>	—	—	
		4th Gear km/h (mph)	178 (111)* <sup>5</sup> , 183 (114)* <sup>6</sup>	178 (111)* <sup>5</sup> , 183 (114)* <sup>6</sup>	—	—	
	Min. Turning Radius	Tire m (ft.)	5.3 (17.4)* <sup>5</sup> , 5.6 (19.7)* <sup>6</sup>	5.3 (17.4)* <sup>5</sup> , 5.6 (19.7)* <sup>6</sup>	5.3 (17.4)* <sup>5</sup> , 5.6 (19.7)* <sup>6</sup>	5.3 (17.4)* <sup>5</sup> , 5.6 (19.7)* <sup>6</sup>	35
		Body m (ft.)	5.7 (18.7)* <sup>5</sup> , 6.0 (19.7)* <sup>6</sup>	5.7 (18.7)* <sup>5</sup> , 6.0 (19.7)* <sup>6</sup>	5.7 (18.7)* <sup>5</sup> , 6.0 (19.7)* <sup>6</sup>	5.7 (18.7)* <sup>5</sup> , 6.0 (19.7)* <sup>6</sup>	
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	cm <sup>3</sup> (cu.in.)	2362 (144.2)	2362 (144.2)	2362 (144.2)	2362 (144.2)	40
	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)	Nm / rpm	221 / 4000	221 / 4000	221 / 4000	221 / 4000	45
Engine Electrical	Battery Capacity (SHR)	Voltage & Amp. hr.	12-48* <sup>7</sup> , 12-55* <sup>8</sup>	12-48* <sup>7</sup> , 12-55* <sup>8</sup>	12-48* <sup>7</sup> , 12-55* <sup>8</sup>	12-48* <sup>7</sup> , 12-55* <sup>8</sup>	
	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	50
	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	—	—	55
		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	60
		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	65
		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	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	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)* <sup>1</sup> , 1505 (59.3)* <sup>2</sup> , 1500 (59.1)* <sup>3</sup> , 1515 (59.6)* <sup>4</sup>	1490 (58.7)* <sup>1</sup> , 1505 (59.3)* <sup>2</sup> , 1500 (59.1)* <sup>3</sup> , 1515 (59.6)* <sup>4</sup>	1505 (59.3)* <sup>5</sup> , 1515 (59.6)* <sup>6</sup>	1490 (58.7)* <sup>5</sup> , 1500 (59.1)* <sup>6</sup>
	2720 (107.1)	2720 (107.1)	2720 (107.1)	2720 (107.1)
10	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)
15	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)* <sup>1</sup> , 165 (6.5)* <sup>2</sup>	150 (5.9)* <sup>1</sup> , 165 (6.5)* <sup>2</sup>	150 (5.9)* <sup>1</sup> , 165 (6.5)* <sup>2</sup>	150 (5.9)* <sup>1</sup> , 165 (6.5)* <sup>2</sup>
20	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)
25	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)
30	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)
	—	—	—	—
35	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)
40	—	—	—	—
	—	—	—	—
	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)
45	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)
50	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
55	274 / 4,400	274 / 4,400	192 / 4,000	192 / 4,000
	12-48* <sup>7</sup> , 12-55* <sup>8</sup>	12-48* <sup>7</sup> , 12-55* <sup>8</sup>	12-55	12-48 (12-55)* <sup>1</sup>
	1200	1200	960	960
	1.6	1.6	1.6	1.6
60	—	—	—	—
	U140E	U140E	U241E	U241E
	3.938	3.938	3.943	3.943
	2.194	2.194	2.197	2.197
65	1.411	1.411	1.413	1.413
	1.019	1.019	1.020	1.020
	—	—	—	—
	3.141	3.141	3.145	3.145
70	—	—	—	—
	2.814	2.814	3.120	3.120
	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
	Solid Disc	Solid Disc	Solid Disc	Solid Disc
75	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
80	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut
	Standard	Standard	Standard	Standard
	Standard	Standard	Standard	Standard
	Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion
85	17.4 : 1	17.4 : 1	17.4 : 1	17.4 : 1
	Integral Type	Integral Type	Integral Type	Integral Type

\*<sup>1</sup>: Standard height model with 205 / 65 / R15 Tire\*<sup>2</sup>: Toller model with 205/65/R15 Tire\*<sup>3</sup>: Standard height model with 215/60/R16 Tire\*<sup>4</sup>: Toller model with 215 / 60 / R16 Tire\*<sup>5</sup>: With 205 / 65 / R15 Tire\*<sup>6</sup>: With 215 / 60 / R16 Tire\*<sup>7</sup>: Set Option without Cold Area Spec.\*<sup>8</sup>: Set Option with Cold Area Spec.

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