

## MAJOR TECHNICAL SPECIFICATIONS

Item		Area	General Countries			
Body Type			4-Door Sedan			
Vehicle Grade			-			
Model Code			ACV30L-AEMNKW	ACV30R-AEMNKW	ACV30L-AEPNKW	ACV30R-AEPNKW
Major Dimensions & Vehicle Weights	Overall	Length mm (in.)	4815 (189.5)	4815 (189.5)	4815 (189.5)	4815 (189.5)
		Width mm (in.)	1795 (70.7)	1795 (70.7)	1795 (70.7)	1795 (70.7)
		Height mm (in.)	1505 (59.3), 1515 (59.6)* <sup>1</sup> 1490 (58.7)* <sup>2</sup> , 1500 (59.0)* <sup>1,2</sup>	1505 (59.3)	1505 (59.3), 1515 (59.6)* <sup>1</sup> 1490 (58.7)* <sup>2</sup> , 1500 (59.0)* <sup>1,2</sup>	1505 (59.3), 1515 (59.6)* <sup>1</sup> 1490 (58.7)* <sup>2</sup> , 1500 (59.0)* <sup>1,2</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)
		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), 165 (6.5)* <sup>1</sup>	150 (5.9)	150 (5.9), 165 (6.5)* <sup>1</sup>	150 (5.9), 165 (6.5)* <sup>1</sup>
	Angle of Approach degrees		16.9°, 17.6°* <sup>1</sup> , 16.0°* <sup>2</sup> , 16.7°* <sup>1,2</sup>	16.9°	16.9°, 17.6°* <sup>1</sup> , 16.0°* <sup>2</sup> , 16.7°* <sup>1,2</sup>	16.9°, 17.6°* <sup>1</sup> , 16.0°* <sup>2</sup> , 16.7°* <sup>1,2</sup>
	Angle of Departure degrees		17.5°, 18.1°* <sup>1</sup> , 16.8°* <sup>2</sup> , 17.3°* <sup>1,2</sup>	17.5°	17.5°, 18.1°* <sup>1</sup> , 16.8°* <sup>2</sup> , 17.3°* <sup>1,2</sup>	17.5°, 18.1°* <sup>1</sup> , 16.8°* <sup>2</sup> , 17.3°* <sup>1,2</sup>
	Curb Weight	Front kg (lb)	865 (1907)	865 (1907)	890 (1962)	890 (1962)
		Rear kg (lb)	615 (1356)	615 (1356)	610 (1345)	610 (1345)
		Total kg (lb)	1480 (3263)	1480 (3263)	1500 (3307)	1500 (3307)
Performance	Gross Vehicle Weight	Front kg (lb)	990 (2183)	990 (2183)	990 (2183)	990 (2183)
		Rear kg (lb)	945 (2083)	945 (2083)	945 (2083)	945 (2083)
		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
		0 to 400 m sec.	16.5	16.5	17.2	17.2
	Max. Permissible Speed	1st Gear km/h (mph)	52 (32), 53 (37)* <sup>1</sup>	52 (32), 53 (37)* <sup>1</sup>	64 (40)	64 (40)
		2nd Gear km/h (mph)	89 (55), 92 (57)* <sup>1</sup>	89 (55), 92 (57)* <sup>1</sup>	115 (71)	115 (71)
		3rd Gear km/h (mph)	137 (85), 141 (88)* <sup>1</sup>	137 (85), 141 (88)* <sup>1</sup>	-	-
		4th Gear km/h (mph)	178 (111), 183 (114)* <sup>1</sup>	178 (111), 183 (114)* <sup>1</sup>	-	-
	Min. Turning Radius	Tire m (ft.)	5.3 (17.4), 5.6 (18.4)* <sup>1</sup>	5.3 (17.4), 5.6 (18.4)* <sup>1</sup>	5.3 (17.4), 5.6 (18.4)* <sup>1</sup>	5.3 (17.4), 5.6 (18.4)* <sup>1</sup>
		Body m (ft.)	5.7 (18.7), 6.0 (19.7)* <sup>1</sup>	5.7 (18.7), 6.0 (19.7)* <sup>1</sup>	5.7 (18.7), 6.0 (19.7)* <sup>1</sup>	5.7 (18.7), 6.0 (19.7)* <sup>1</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 × Stroke mm (in.)		88.5 × 96.0 (3.48 × 3.78)	88.5 × 96.0 (3.48 × 3.78)	88.5 × 96.0 (3.48 × 3.78)	88.5 × 96.0 (3.48 × 3.78)
	Displacement cm <sup>3</sup> (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 No. or Cetane No. Rating (Diesel)		95 or higher	95 or higher	95 or higher	95 or higher
	Max. Output (EEC) kW/rpm		112/5600	112/5600	112/5600	112/5600
Engine Electrical	Max. Torque (EEC) N·m/rpm		218/3800 ~ 4200	218/3800 ~ 4200	218/3800 ~ 4200	218/3800 ~ 4200
	Battery Capacity (5HR) Voltage & Amp. hr.		12-48, 12-55* <sup>3</sup>	12-48, 12-55* <sup>3</sup>	12-48, 12-55* <sup>3</sup>	12-48, 12-55* <sup>3</sup>
	Alternator Output Watts		960	960	960	960
Chassis	Starter Output kW		1.6	1.6	1.6	1.6
	Clutch Type		Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	-	-
	Transaxle Type		E354	E354	U241E	U241E
	Transmission Gear Ratio* <sup>4</sup>	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.		Single 10.5"	Tandem 7.5" + 7.5"	Single 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)		15.8:1, 16.0:1* <sup>1</sup>	15.8:1	15.8:1, 16.0:1* <sup>1</sup>	15.8:1, 16.0:1* <sup>1</sup>
	Power Steering Type		Integral Type	Integral Type	Integral Type	Integral Type

\*<sup>1</sup>: With 215/60 R 16 Tire \*<sup>2</sup>: With Normal Suspension \*<sup>3</sup>: With Cold Area Spec \*<sup>4</sup>: Counter Gear Ratio Included (Only for Models with Automatic Transaxle)

General Countries				
4-Door Sedan				
-				
	MCV30L-AEPGKW	MCV30R-AEPGKW	ACV31L-AEPNKW	ACV31R-AEPNKW
5	4815 (189.5)	4815 (189.5)	4815 (189.5)	4815 (189.5)
	1795 (70.7)	1795 (70.7)	1795 (70.7)	1795 (70.7)
	1515 (59.6), 1500 (59.0)*2	1515 (59.6), 1500 (59.0)*2	1505 (59.3)	1490 (58.7)
	2720 (107.1)	2720 (107.1)	2720 (107.1)	2720 (107.1)
	1545 (60.8)	1545 (60.8)	1545 (60.8)	1545 (60.8)
10	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)
15	1145 (45.1)	1145 (45.1)	1145 (45.1)	1145 (45.1)
	165 (6.5)	165 (6.5)	150 (5.9)	150 (5.9)
	17.6°, 16.7°*2	17.6°, 16.7°*2	16.9°	16.0°
	18.1°, 17.3°*2	18.1°, 17.3°*2	17.5°	16.8°
	975 (2150)	975 (2150)	890 (1962)	890 (1962)
20	605 (1334)	605 (1334)	590 (1301)	590 (1301)
	1580 (3483)	1580 (3483)	1480 (3263)	1480 (3263)
	1075 (2370)	1075 (2370)	1000 (2205)	1000 (2205)
	940 (2072)	940 (2072)	935 (2061)	935 (2061)
	2015 (4442)	2015 (4442)	1935 (4266)	1935 (4266)
25	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	-	-
30	16.4	16.4	18.2	18.2
	64 (40)	64 (40)	59 (37)	59 (37)
	116 (72)	116 (72)	106 (66)	106 (66)
	-	-	-	-
	-	-	-	-
35	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 × 83.0 (3.44 × 3.27)	87.5 × 83.0 (3.44 × 3.27)	86.0 × 86.0 (3.39 × 3.39)	86.0 × 86.0 (3.39 × 3.39)
40	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
	139/5300	139/5300	106/5600	106/5600
45	274/4400	274/4400	190/4000	190/4000
	12-48, 12-55*3	12-48, 12-55*3	12-55	12-48
	1200	1200	960	960
	1.6	1.6	1.6	1.6
	-	-	-	-
50	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
55	-	-	-	-
	3.141	3.141	3.145	3.145
	-	-	-	-
	2.814	2.814	3.120	3.120
60	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
	Solid Disc	Solid Disc	Solid Disc	Solid Disc
	Duo-Servo	Duo-Servo	Duo-Servo	Duo-Servo
	Single 10.5"	Tandem 7.5"+ 7.5"	Single 10.5"	Tandem 7.5"+ 7.5"
	-	-	-	-
65	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
	15.8:1	15.8:1	15.8:1	15.8:1
70	Integral Type	Integral Type	Integral Type	Integral Type