MAJOR TECHNICAL SPECIFICATIONS

Item \ Area				Europe			
Body Type				4-Door Sedan			
Vehicle Grade				—			
Model Code				ACV40L-AEMNKW	ACV40L-REMNKW	ACV40R-AEMNKW	ACV40L-AEANKW
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4815 (189.6)	4815 (189.6)	4815 (189.6)	4815 (189.6)
		Width	mm (in.)	1820 (71.7)	1820 (71.7)	1820 (71.7)	1820 (71.7)
		Height	mm (in.)	1480 (58.3)	1480 (58.3)	1480 (58.3)	1480 (58.3)
	Wheel Base		mm (in.)	2775 (109.3)	2775 (109.3)	2775 (109.3)	2775 (109.3)
	Tread	Front	mm (in.)	1575 (62.0)	1575 (62.0)	1575 (62.0)	1575 (62.0)
		Rear	mm (in.)	1565 (61.6)	1565 (61.6)	1565 (61.6)	1565 (61.6)
	Room	Length	mm (in.)	2130 (83.8)	2130 (83.8)	2130 (83.8)	2130 (83.8)
		Width	mm (in.)	1525 (60.0)	1525 (60.0)	1525 (60.0)	1525 (60.0)
		Height	mm (in.)	1200 (47.2), 1140 (44.9)*1	1200 (47.2)	1200 (47.2), 1140 (44.9)*1	1200 (47.2), 1140 (44.9)*1
	Overhang	Front	mm (in.)	955 (37.6)	955 (37.6)	955 (37.6)	955 (37.6)
		Rear	mm (in.)	1085 (42.7)	1085 (42.7)	1085 (42.7)	1085 (42.7)
	Min. Running Ground Clearance		mm (in.)	160 (6.3)	160 (6.3)	160 (6.3)	160 (6.3)
	Angle of Approach		degrees	15.3	15.3	15.3	15.3
	Angle of Departure		degrees	17.0	17.0	17.0	17.0
	Curb Weight	Front	kg (lb)	845 to 895 (1862 to 1973)	845 to 895 (1862 to 1973)	850 to 895 (1874 to 1975)	875 to 920 (1929 to 2028)
		Rear	kg (lb)	600 to 630 (1323 to 1389)	600 to 630 (1323 to 1389)	600 to 630 (1323 to 1389)	590 to 625 (1301 to 1378)
		Total	kg (lb)	1445 to 1525 (3186 to 3362)	1445 to 1525 (3186 to 3362)	1450 to 1525 (3197 to 3362)	1465 to 1545 (3230 to 3406)
	Gross Vehicle Weight	Front	kg (lb)	985 (2172)	985 (2172)	985 (2172)	1015 (2238)
		Rear	kg (lb)	1000 (2205)	1000 (2205)	1000 (2205)	970 (2138)
		Total	kg (lb)	1985 (4376)	1985 (4376)	1985 (4376)	1985 (4376)
	Fuel Tank Capacity		ℓ (US.gal, Imp .gal)	70 (18.5, 15.5)	70 (18.5, 15.5)	70 (18.5, 15.5)	70 (18.5, 15.5)
	Luggage Capacity (SAE)		m^3 (cu.ft.)	0.425 (15.0)	0.425 (15.0)	0.425 (15.0)	0.425 (15.0)
Performance	Max. Speed		km/h	210	210	210	205
	Max. Cruising Speed		km/h	—	—	—	—
	Acceleration	0 to 60 mph	sec.	9.1	9.1	9.1	9.3
		0 to 400 m	sec.	16.6	16.6	16.6	17.1
	Max. Permissible Speed	1st Gear	km/h	54	54	54	54
		2nd Gear	km/h	95	95	95	98
		3rd Gear	km/h	146	146	146	152
		4th Gear	km/h	200	200	200	—
		5th Gear	km/h	—	—	—	—
	Min. Turning Radius	Tire	m	5.5	5.5	5.5	5.5
		Body	m	5.9	5.9	5.9	5.9
Engine	Engine Type			2AZ-FE	2AZ-FE	2AZ-FE	2AZ-FE
	Valve Mechanism			16-valve, DOHC with VVT-i	16-valve, DOHC with VVT-i	16-valve, DOHC with VVT-i	16-valve, DOHC with VVT-i
	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^3 (cu.in.)	2362 (144.1)	2362 (144.1)	2362 (144.1)	2362 (144.1)
	Compression Ratio			9.8 : 1	9.8 : 1	9.8 : 1	9.8 : 1
	Carburetor Type			EFI	EFI	EFI	EFI
	Research Octane No.		RON	91 or higher	91 or higher	91 or higher	91 or higher
	Max. Output (EEC)		kW@rpm	123 @ 6000	123 @ 6000	123 @ 6000	123 @ 6000
	Max. Torque (EEC)		N·m@rpm	224 @ 4000	224 @ 4000	224 @ 4000	224 @ 4000
Engine Electrical	Battery Capacity (5HR)		Voltage & Amp.hr.	12-48	12-48	12-48	12-48
	Alternator Output		Watts	1200	1200	1200	1200
	Starter Output		kW	1.7	1.7	1.7	1.7
Chassis	Clutch Type			Dry,Single	Dry,Single	Dry,Single	—
	Transaxle Type			E351	E351	E351	U250E
	Gear Ratio	In First		3.538	3.538	3.538	3.943*2
		In Second		2.045	2.045	2.045	2.197*2
		In Third		1.333	1.333	1.333	1.413*2
		In Fourth		0.972	0.972	0.972	0.975*2
		In Fifth		0.731	0.731	0.731	0.703*2
		In Sixth		—	—	—	—
		In Reverse		3.583	3.583	3.583	3.145*2
	Differential Gear Ratio			3.944	3.944	3.944	3.391
	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			Single,10"	Single,10"	Single,10"	Single,10"
	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
	Power Steering Type			Hydraulic Type	Hydraulic Type	Hydraulic Type	Hydraulic Type

*1 : Not available at publication

Europe				
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ACV40L-REANKW	ACV40R-AEANKW	GSV40L-AETGKW	GSV40L-RETGKW	GSV40R-AETGKW
4815 (189.6)	4815 (189.6)	4815 (189.6)	4815 (189.6)	4815 (189.6)
1820 (71.7)	1820 (71.7)	1820 (71.7)	1820 (71.7)	1820 (71.7)
1480 (58.3)	1480 (58.3)	1480 (58.3)	1480 (58.3)	1480 (58.3)
2775 (109.3)	2775 (109.3)	2775 (109.3)	2775 (109.3)	2775 (109.3)
1575 (62.0)	1575 (62.0)	1575 (62.0)	1575 (62.0)	1575 (62.0)
1565 (61.6)	1565 (61.6)	1565 (61.6)	1565 (61.6)	1565 (61.6)
2130 (83.8)	2130 (83.8)	2130 (83.8)	2130 (83.8)	2130 (83.8)
1525 (60.0)	1525 (60.0)	1525 (60.0)	1525 (60.0)	1525 (60.0)
1200 (47.2)	1200 (47.2), 1140 (44.9)*1	1200 (47.2), 1140 (44.9)*1	1200 (47.2)	1200 (47.2), 1140 (44.9)*1
955 (37.6)	955 (37.6)	955 (37.6)	955 (37.6)	955 (37.6)
1085 (42.7)	1085 (42.7)	1085 (42.7)	1085 (42.7)	1085 (42.7)
160 (6.3)	160 (6.3)	160 (6.3)	160 (6.3)	160 (6.3)
15.3	15.3	15.3	15.3	15.3
17.0	17.0	17.0	17.0	17.0
875 to 920 (1929 to 2028)	880 to 920 (1940 to 2028)	920 to 960 (2028 to 2116)	920 to 960 (2028 to 2116)	925 to 960 (2039 to 2116)
590 to 625 (1301 to 1378)	590 to 625 (1301 to 1378)	615 to 650 (1356 to 1433)	615 to 650 (1356 to 1433)	615 to 650 (1356 to 1433)
1465 to 1545 (3230 to 3406)	1470 to 1545 (3241 to 3406)	1535 to 1610 (3384 to 3549)	1535 to 1610 (3384 to 3549)	1540 to 1610 (3395 to 3549)
1015 (2238)	1015 (2238)	1055 (2326)	1055 (2326)	1055 (2326)
970 (2138)	970 (2138)	995 (2194)	995 (2194)	995 (2194)
1985 (4376)	1985 (4376)	2050 (4519)	2050 (4519)	2050 (4519)
70 (18.5, 15.5)	70 (18.5, 15.5)	70 (18.5, 15.5)	70 (18.5, 15.5)	70 (18.5, 15.5)
0.425 (15.0)	0.425 (15.0)	0.411 (14.5)	0.411 (14.5)	0.411 (14.5)
205	205	230	230	230
—	—	—	—	—
9.3	9.3	6.8	6.8	6.8
17.1	17.1	15.0	15.0	15.0
54	54	60	60	60
98	98	104	104	104
152	152	139	139	139
—	—	198	198	198
—	—	—	—	—
5.5	5.5	5.5	5.5	5.5
5.9	5.9	5.9	5.9	5.9
2AZ-FE	2AZ-FE	2GR-FE	2GR-FE	2GR-FE
16-valve, DOHC with VVT-i	16-valve, DOHC with VVT-i	24-valve, DOHC with Dual VVT-i	24-valve, DOHC with Dual VVT-i	24-valve, DOHC with Dual VVT-i
88.5 × 96.0 (3.48 × 3.78)	88.5 × 96.0 (3.48 × 3.78)	94.0 × 83.0 (3.70 × 3.27)	94.0 × 83.0 (3.70 × 3.27)	94.0 × 83.0 (3.70 × 3.27)
2362 (144.1)	2362 (144.1)	3456 (210.9)	3456 (210.9)	3456 (210.9)
9.8 : 1	9.8 : 1	10.8 : 1	10.8 : 1	10.8 : 1
EFI	EFI	EFI	EFI	EFI
91 or higher	91 or higher	91 or higher	91 or higher	91 or higher
123 @ 6000	123 @ 6000	204 @ 6200	204 @ 6200	204 @ 6200
224 @ 4000	224 @ 4000	346 @ 4700	346 @ 4700	346 @ 4700
12-48	12-48	12-48	12-48	12-48
1200	1200	1200	1200	1200
1.7	1.7	1.7	1.7	1.7
—	—	—	—	—
U250E	U250E	U660E	U660E	U660E
3.943*2	3.943*2	3.300	3.300	3.300
2.197*2	2.197*2	1.900	1.900	1.900
1.413*2	1.413*2	1.420	1.420	1.420
0.975*2	0.975*2	1.000	1.000	1.000
0.703*2	0.703*2	0.713	0.713	0.713
—	—	0.608	0.608	0.608
3.145*2	3.145*2	4.148	4.148	4.148
3.391	3.391	3.685*2	3.685*2	3.685*2
Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
Solid Disc	Solid Disc	Solid Disc	Solid Disc	Solid Disc
Duo-servo	Duo-servo	Duo-servo	Duo-servo	Duo-servo
Single,10”	Single,10”	Single,10”	Single,10”	Single,10”
—	—	—	—	—
MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut
MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut
Standard	Standard	Standard	Standard	Standard
Standard	Standard	Standard	Standard	Standard
Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion
Hydraulic Type	Hydraulic Type	Hydraulic Type	Hydraulic Type	Hydraulic Type