

# MAJOR TECHNICAL SPECIFICATIONS

Item		Area	Europe				
Body Type			5-door Wagon				
Vehicle Grade			Standard (4WD)				
Model Code			ACA30R-AWMXKW	ACA30R-AWMGKW	ACA30R-AWPXKW	ACA30R-AWPGKW	
Major Dimensions & Vehicle Weights	Overall	Length mm (in.)	4395 (173.0)	4395 (173.0)	4395 (173.0)	4395 (173.0)	5
		Width mm (in.)	1815 (71.5)	1815 (71.5)	1815 (71.5)	1815 (71.5)	
		Height mm (in.)	1685 (66.3), 1720 (67.7)*1	1685 (66.3), 1720 (67.7)*1	1685 (66.3), 1720 (67.7)*1	1685 (66.3), 1720 (67.7)*1	
	Wheel Base mm (in.)		2560 (100.8)	2560 (100.8)	2560 (100.8)	2560 (100.8)	
	Tread	Front mm (in.)	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)	10
		Rear mm (in.)	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)	
	Room	Length mm (in.)	1805 (71.1)	1805 (71.1)	1805 (71.1)	1805 (71.1)	
		Width mm (in.)	—	—	—	—	
		Height mm (in.)	—	—	—	—	
	Overhang	Front mm (in.)	860 (33.9)	860 (33.9)	860 (33.9)	860 (33.9)	15
		Rear mm (in.)	975 (38.4)	975 (38.4)	975 (38.4)	975 (38.4)	
	Min. Running Ground Clearance mm (in.)		195 (7.7)	195 (7.7)	195 (7.7)	195 (7.7)	
	Angle of Approach degrees		30	30	30	30	
	Angle of Departure degrees		30	30	30	30	
	Curb Weight	Front kg (lb)	825 (1819)	825 (1819)	865 (1907)	865 (1907)	20
		Rear kg (lb)	640 (1411)	640 (1411)	640 (1411)	640 (1411)	
		Total kg (lb)	1465 (3230)	1465 (2083)	1505 (3318)	1505 (3318)	
	Gross Vehicle Weight	Front kg (lb)	945 (2083)	950 (2094)	985 (2172)	990 (2183)	
		Rear kg (lb)	1125 (2480)	1120 (2469)	1125 (2480)	1120 (2469)	
		Total kg (lb)	2070 (4564)	2070 (4564)	2110 (4652)	2110 (4652)	25
	Fuel Tank Capacity ℓ (Imp.gal.)		60 (13.2)	60 (13.2)	60 (13.2)	60 (13.2)	
	Luggage Compartment Capacity m <sup>3</sup> (cu.ft.)		0.45 (15.89)	0.45 (15.89)	0.45 (15.89)	0.45 (15.89)	
Performance	Max. Speed km/h (mph)		185 (115)	185 (115)	175 (109)	175 (109)	
	Max. Cruising Speed km/h (mph)		—	—	—	—	
	Acceleration	0 to 100 km/h sec.	—	—	—	—	30
		0 to 400 m sec.	17.2	17.2	18.3	18.3	
	Max. Permissible Speed	1st Gear km/h (mph)	47 (29)	47 (29)	63 (39)	63 (39)	
		2nd Gear km/h (mph)	89 (55)	89 (55)	113 (70)	113 (70)	
		3rd Gear km/h (mph)	136 (84)	136 (84)	—	—	
		4th Gear km/h (mph)	177 (110)	177 (110)	—	—	
	Min. Turning Radius	Tire m (ft.)	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)	35
		Body m (ft.)	—	—	—	—	
Engine	Engine Type		1AZ-FE	1AZ-FE	1AZ-FE	1AZ-FE	
	Valve Mechanism		16-valve, DOHC, Chain Drive	16-valve, DOHC, Chain Drive	16-valve, DOHC, Chain Drive	16-valve, DOHC, Chain Drive	
	Bore x Stroke mm (in.)		86.0 x 86.0 (3.39 x 3.39)	86.0 x 86.0 (3.39 x 3.39)	86.0 x 86.0 (3.39 x 3.39)	86.0 x 86.0 (3.39 x 3.39)	40
	Displacement cm <sup>3</sup> (cu.in.)		1998 (121.9)	1998 (121.9)	1998 (121.9)	1998 (121.9)	
	Compression Ratio		9.8 : 1	9.8 : 1	9.8 : 1	9.8 : 1	
	Fuel System		EFI	EFI	EFI	EFI	
	Research Octane No. or Cetane No. (Diesel)		95 or higher	95 or higher	95 or higher	95 or higher	
	Max. Output (EEC) kW / rpm		112 / 6000	112 / 6000	112 / 6000	112 / 6000	45
Engine Electrical	Max. Torque (EEC) N·m / rpm		194 / 4000	194 / 4000	194 / 4000	194 / 4000	
	Battery Capacity (5HR) Voltage & Amp. hr.		12-48, 55*2	12-48, 55*2	12-48, 55*2	12-48, 55*2	
Chassis	Alternator Output Watts		1200	1200	1200	1200	
	Starter Output kW		1.3	1.3	1.3	1.3	
	Clutch Type		Dry, Single Plate	Dry, Single Plate	—	—	
	Transaxle Type		E352F	E352F	U140F	U140F	50
	Gear Ratio (Counter Gear Ratio Included*3)	In First	3.833	3.833	3.938	3.938	
		In Second	2.045	2.045	2.194	2.194	
		In Third	1.333	1.333	1.411	1.411	
		In Fourth	1.028	1.028	1.019	1.019	55
		In Fifth	0.820	0.820	—	—	
		In Sixth	—	—	—	—	
	In Reverse		3.583	3.583	3.141	3.141	
	Differential Gear Ratio (Final)		4.562	4.562	3.291	3.291	
	Transfer/Rear Differential Gear Ratio		0.439/2.277	0.439/2.277	0.439/2.277	0.439/2.277	
	Rear Differential Gear Size mm (in.)		135 (5.3)	135 (5.3)	135 (5.3)	135 (5.3)	60
	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	Single, 10	Single, 10	Single, 10	
	Proportioning Valve Type		—	—	—	—	65
	Suspension Type	Front	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut	
		Rear	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	
	Stabilizer Bar	Front	Standard	Standard	Standard	Standard	
		Rear	Standard	Standard	Standard	Standard	
	Steering Gear Type		Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	70
	Steering Gear Ratio (Overall)		14.4	14.4	14.4	14.4	
	Power Steering Type		Electric Motor	Electric Motor	Electric Motor	Electric Motor	

\*1: With Roof Rail

\*2: Models with Theft Deterrent System

\*3: Only for A/T Models

Europe						
5-door Wagon						
Standard (4WD)						
	ACA30L-AWMXKW	ACA30L-AWMGKW	ACA30L-AWPXKW	ACA30L-AWPGKW	ALA30R-AWFXYW	ALA30R-AWFGYW
5	4395 (173.0)	4395 (173.0)	4395 (173.0)	4395 (173.0)	4395 (173.0)	4395 (173.0)
	1815 (71.5)	1815 (71.5)	1815 (71.5)	1815 (71.5)	1815 (71.5)	1815 (71.5)
	1685 (66.3), 1720 (67.7)*1	1685 (66.3), 1720 (67.7)*1	1685 (66.3), 1720 (67.7)*1	1685 (66.3), 1720 (67.7)*1	1685 (66.3), 1720 (67.7)*1	1685 (66.3), 1720 (67.7)*1
10	2560 (100.8)	2560 (100.8)	2560 (100.8)	2560 (100.8)	2560 (100.8)	2560 (100.8)
	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)
	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)
15	1805 (71.1)	1805 (71.1)	1805 (71.1)	1805 (71.1)	1805 (71.1)	1805 (71.1)
	—	—	—	—	—	—
	—	—	—	—	—	—
20	860 (33.9)	860 (33.9)	860 (33.9)	860 (33.9)	860 (33.9)	860 (33.9)
	975 (38.4)	975 (38.4)	975 (38.4)	975 (38.4)	975 (38.4)	975 (38.4)
	195 (7.7)	195 (7.7)	195 (7.7)	195 (7.7)	195 (7.7)	195 (7.7)
25	30	30	30	30	30	30
	30	30	30	30	30	30
	825 (1819)	825 (1819)	865 (1907)	865 (1907)	950 (2094)	950 (2094)
30	640 (1411)	640 (1411)	640 (1411)	640 (1411)	635 (1400)	635 (1400)
	1465 (3230)	1465 (2083)	1505 (3318)	1505 (3318)	1585 (3494)	1585 (3494)
	945 (2083)	950 (2094)	985 (2172)	990 (2183)	1070 (2359)	1070 (2359)
35	1125 (2480)	1120 (2469)	1125 (2480)	1120 (2469)	1120 (2469)	1120 (2469)
	2070 (4564)	2070 (4564)	2110 (4652)	2110 (4652)	2190 (4828)	2190 (4828)
	60 (13.2)	60 (13.2)	60 (13.2)	60 (13.2)	60 (13.2)	60 (13.2)
40	0.45 (15.89)	0.45 (15.89)	0.45 (15.89)	0.45 (15.89)	0.45 (15.89)	0.45 (15.89)
	185 (115)	185 (115)	175 (109)	175 (109)	180 (112)	180 (112)
	—	—	—	—	—	—
45	—	—	—	—	—	—
	17.2	17.2	18.3	18.3	10.5	10.5
	47 (29)	47 (29)	63 (39)	63 (39)	41 (25)	41 (25)
50	89 (55)	89 (55)	113 (70)	113 (70)	82 (51)	82 (51)
	136 (84)	136 (84)	—	—	128 (79)	128 (79)
	177 (110)	177 (110)	—	—	178 (110)	178 (110)
55	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)
	—	—	—	—	—	—
	1AZ-FE	1AZ-FE	1AZ-FE	1AZ-FE	2AD-FTV	2AD-FTV
60	16-valve, DOHC, Chain Drive	16-valve, DOHC, Chain Drive	16-valve, DOHC, Chain Drive	16-valve, DOHC, Chain Drive	16-valve, DOHC, Chain and Gear Drive	16-valve, DOHC, Chain and Gear Drive
	86.0 x 86.0 (3.39 x 3.39)	86.0 x 86.0 (3.39 x 3.39)	86.0 x 86.0 (3.39 x 3.39)	86.0 x 86.0 (3.39 x 3.39)	86.0 x 96.0 (3.39 x 3.78)	86.0 x 96.0 (3.39 x 3.78)
	1998 (121.9)	1998 (121.9)	1998 (121.9)	1998 (121.9)	2231 (136.1)	2231 (136.1)
65	9.8 : 1	9.8 : 1	9.8 : 1	9.8 : 1	16.8 : 1	16.8 : 1
	EFI	EFI	EFI	EFI	Common-rail Type	Common-rail Type
	95 or higher	95 or higher	95 or higher	95 or higher	48 or higher	48 or higher
70	112/6000	112/6000	112/6000	112/6000	100/3600	100/3600
	194/4000	194/4000	194/4000	194/4000	310/2000 – 2800	310/2000 – 2800
	12-48	12-48	12-48	12-48	12-64	12-64
75	1200	1200	1200	1200	1560	1560
	1.3	1.3	1.3	1.3	2.0	2.0
	Dry, Single Plate	Dry, Single Plate	—	—	Dry, Single Plate	Dry, Single Plate
80	E352F	E352F	U140F	U140F	EA64F	EA64F
	3.833	3.833	3.938	3.938	3.818	3.818
	2.045	2.045	2.194	2.194	1.913	1.913
85	1.333	1.333	1.411	1.411	1.218	1.218
	1.028	1.028	1.019	1.019	0.880	0.880
	0.820	0.820	—	—	0.809	0.809
90	—	—	—	—	0.711	0.711
	3.583	3.583	3.141	3.141	4.139	4.139
	4.562	4.562	3.291	3.291	4.312 (1-4), 3.631 (5-6&REV)	4.312 (1-4), 3.631 (5-6&REV)
95	0.439/2.277	0.439/2.277	0.439/2.277	0.439/2.277	0.439/2.277	0.439/2.277
	135 (5.3)	135 (5.3)	135 (5.3)	135 (5.3)	135 (5.3)	135 (5.3)
	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
100	Solid Disc	Solid Disc	Solid Disc	Solid Disc	Solid Disc	Solid Disc
	Duo Servo	Duo Servo	Duo Servo	Duo Servo	Duo Servo	Duo Servo
	Single, 10	Single, 10	Single, 10	Single, 10	Single, 10	Single, 10
105	—	—	—	—	—	—
	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut
	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone
110	Standard	Standard	Standard	Standard	Standard	Standard
	Standard	Standard	Standard	Standard	Standard	Standard
	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion
115	14.4	14.4	14.4	14.4	14.4	14.4
	Electric Motor	Electric Motor	Electric Motor	Electric Motor	Electric Motor	Electric Motor

Item		Area	Europe			
Body Type			5-door Wagon			
Vehicle Grade			Standard (4WD)			
Model Code			ALA30L-AWFXYW	ALA30L-AWFGYW	ALA30R-AWFGXW	ALA30L-AWFGXW
Major Dimensions & Vehicle Weights	Overall	Length mm (in.)	4395 (173.0)	4395 (173.0)	4395 (173.0), 4315 (169.9)*1	4395 (173.0), 4315 (169.9)*1
		Width mm (in.)	1815 (71.5)	1815 (71.5)	1815 (71.5), 1855 (73.0)*2	1815 (71.5), 1855 (73.0)*2
		Height mm (in.)	1685 (66.3), 1720 (67.7)*3	1685 (66.3), 1720 (67.7)*3	1685 (66.3), 1720 (67.7)*3	1685 (66.3), 1720 (67.7)*3
	Wheel Base	mm (in.)	2560 (100.8)	2560 (100.8)	2560 (100.8)	2560 (100.8)
	Tread	Front mm (in.)	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)
		Rear mm (in.)	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)
	Room	Length mm (in.)	1805 (71.1)	1805 (71.1)	1805 (71.1)	1805 (71.1)
		Width mm (in.)	—	—	—	—
		Height mm (in.)	—	—	—	—
	Overhang	Front mm (in.)	860 (33.9)	860 (33.9)	860 (33.9)	860 (33.9)
		Rear mm (in.)	975 (38.4)	975 (38.4)	975 (38.4), 895 (35.2)*1	975 (38.4), 895 (35.2)*1
	Min. Running Ground Clearance	mm (in.)	195 (7.7)	195 (7.7)	195 (7.7)	195 (7.7)
	Angle of Approach	degrees	30	30	30	30
	Angle of Departure	degrees	30	30	30	30
	Curb Weight	Front kg (lb)	950 (37.4)	950 (37.4)	960 (37.8)	960 (37.8)
		Rear kg (lb)	635 (25.0)	635 (25.0)	635 (25.0)	635 (25.0)
		Total kg (lb)	1585 (62.4)	1585 (62.4)	1595 (62.8)	1595 (62.8)
Performance	Gross Vehicle Weight	Front kg (lb)	1070 (42.1)	1070 (42.1)	1080 (42.5), 1105 (43.5)*1	1080 (42.5), 1105 (43.5)*1
		Rear kg (lb)	1120 (44.1)	1120 (44.1)	1110 (43.7), 1085 (42.7)*1	1110 (43.7), 1085 (42.7)*1
		Total kg (lb)	2190 (86.2)	2190 (86.2)	2190 (86.2)	2190 (86.2)
	Fuel Tank Capacity	ℓ (Imp.gal.)	60 (13.2)	60 (13.2)	60 (13.2)	60 (13.2)
	Luggage Compartment Capacity	m <sup>3</sup> (cu.ft.)	0.45 (15.89)	0.45 (15.89)	0.45 (15.89)	0.45 (15.89)
	Max. Speed	km/h (mph)	180 (112)	180 (112)	200 (124)	200 (124)
	Max. Cruising Speed	km/h (mph)	—	—	—	—
	Acceleration	0 to 100 km/h sec.	—	—	—	—
		0 to 400 m sec.	10.5	10.5	9.3	9.3
	Max. Permissible Speed	1st Gear km/h (mph)	41 (25)	41 (25)	41 (25)	41 (25)
		2nd Gear km/h (mph)	82 (51)	82 (51)	82 (51)	82 (51)
		3rd Gear km/h (mph)	128 (79)	128 (79)	128 (79)	128 (79)
		4th Gear km/h (mph)	178 (110)	178 (110)	178 (110)	178 (110)
	Min. Turning Radius	Tire m (ft.)	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)*4, 5.4 (17.7)*5	5.1 (16.7)*4, 5.4 (17.7)*5
		Body m (ft.)	—	—	5.5 (18.0)*4, 5.8 (19.0)*5	5.5 (18.0)*4, 5.8 (19.0)*5
Engine	Engine Type		2AD-FTV	2AD-FTV	2AD-FHV	2AD-FHV
	Valve Mechanism		16-valve, DOHC, Chain and Gear Drive	16-valve, DOHC, Chain and Gear Drive	16-valve, DOHC, Chain and Gear Drive	16-valve, DOHC, Chain and Gear Drive
	Bore x Stroke	mm (in.)	86.0 x 96.0 (3.39 x 3.78)	86.0 x 96.0 (3.39 x 3.78)	86.0 x 96.0 (3.39 x 3.78)	86.0 x 96.0 (3.39 x 3.78)
	Displacement	cm <sup>3</sup> (cu.in.)	2231 (136.1)	2231 (136.1)	2231 (136.1)	2231 (136.1)
	Compression Ratio		16.8 : 1	16.8 : 1	15.8 : 1	15.8 : 1
	Fuel System		Common-rail Type	Common-rail Type	Common-rail Type	Common-rail Type
	Research Octane No. or Cetane No. (Diesel)		48 or higher	48 or higher	48 or higher	48 or higher
	Max. Output (EEC)	kW / rpm	100 / 3600	100 / 3600	130 / 3600	130 / 3600
Engine Electrical	Max. Torque (EEC)	N·m / rpm	310 / 2000 – 2800	310 / 2000 – 2800	400 / 2000 – 2600	400 / 2000 – 2600
	Battery Capacity (5HR)	Voltage & Amp. hr.	12-64	12-64	12-64	12-64
Chassis	Alternator Output	Watts	1560	1560	1560	1560
	Starter Output	kW	2.0	2.0	2.0	2.0
	Clutch Type		Dry, Single Plate	Dry, Single Plate	Dry, Single Plate	Dry, Single Plate
	Transaxle Type		EA64F	EA64F	EA64F	EA64F
	Gear Ratio (Counter Gear Ratio Included*6)	In First	3.818	3.818	3.818	3.818
		In Second	1.913	1.913	1.913	1.913
		In Third	1.218	1.218	1.218	1.218
		In Fourth	0.880	0.880	0.880	0.880
		In Fifth	0.809	0.809	0.809	0.809
		In Sixth	0.711	0.711	0.711	0.711
	Differential Gear Ratio (Final)		4.312 (1-4), 3.631 (5-6&REV)	4.312 (1-4), 3.631 (5-6&REV)	4.312 (1-4), 3.631 (5-6&REV)	4.312 (1-4), 3.631 (5-6&REV)
		Transfer/Rear Differential Gear Ratio	0.439/2.277	0.439/2.277	0.439/2.277	0.439/2.277
		Rear Differential Gear Size mm (in.)	135 (5.3)	135 (5.3)	135 (5.3)	135 (5.3)
	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	Single, 10	Single, 10	Single, 10
	Proportioning Valve Type		—	—	—	—
	Suspension Type	Front	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut
		Rear	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone
	Stabilizer Bar	Front	Standard	Standard	Standard	Standard
		Rear	Standard	Standard	Standard	Standard
	Steering Gear Type		Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion
	Steering Gear Ratio (Overall)		14.4	14.4	14.4, 14.6*5	14.4, 14.6*5
	Power Steering Type		Electric Motor	Electric Motor	Electric Motor	Electric Motor

\*1: Only for A/T

\*2: With Over-fender

\*3: With Roof Rail

\*4: With 225/65R17 Tire

\*5: With 235/55R18 Tire

\*6: Only for A/T Model

Australia				G.C.C. Countries	
5-door Wagon				5-door Wagon	
Standard (4WD)				Standard (4WD)	
ACA33R-ANMXXQ	ACA33R-ANMGKQ	ACA33R-ANPXXQ	ACA33R-ANPGKQ	ACA33L-ANMXXV	ACA33L-ANPXXV
5	4600 (181.1)	4600 (181.1)	4600 (181.1)	4600 (181.1)	4600 (181.1)
	1815 (71.5)	1855 (73.0)	1815 (71.5)	1815 (71.5)	1815 (71.5)
	1695 (66.7)	1730 (68.1)	1695 (66.7)	1685 (66.3)	1685 (66.3)
	2660 (104.7)	2660 (104.7)	2660 (104.7)	2660 (104.7)	2660 (104.7)
	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)
10	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)
	1950 (76.8)	1950 (76.8)	1950 (76.8)	1950 (76.8)	1950 (42.7)
	—	—	—	—	—
	—	—	—	—	—
	855 (33.7)	855 (33.7)	855 (33.7)	855 (33.7)	855 (33.7)
15	1085 (42.7)	1085 (42.7)	1085 (42.7)	1085 (42.7)	1085 (42.7)
	195 (7.7)	195 (7.7)	195 (7.7)	195 (7.7)	195 (7.7)
	30	30	30	30	30
	30	30	30	30	30
	850 (1874)	850 (1874)	895 (1973)	850 (1874)	895 (1973)
20	700 (1543)	700 (1543)	695 (1532)	700 (1543)	695 (1532)
	1550 (3417)	1550 (3417)	1590 (3505)	1550 (3417)	1590 (3505)
	950 (2094)	950 (2094)	995 (2194)	950 (2094)	995 (2194)
	1110 (2447)	1110 (2447)	1105 (2436)	1110 (2447)	1105 (2436)
	2060 (4542)	2060 (4542)	2100 (4630)	2060 (4542)	2100 (4630)
25	60 (13.2)	60 (13.2)	60 (13.2)	60 (13.2)	60 (13.2)
	0.54 (19.07)	0.54 (19.07)	0.54 (19.07)	0.54 (19.07)	0.54 (19.07)
	190 (118)	190 (118)	180 (112)	190 (118)	180 (112)
	—	—	—	—	—
	—	—	—	—	—
30	16.6	16.6	17.5	16.6	17.5
	47 (29)	47 (29)	67 (42)	47 (29)	67 (42)
	95 (59)	95 (59)	120 (74)	95 (59)	120 (74)
	145 (90)	145 (90)	—	145 (90)	—
	187 (116)	187 (116)	—	187 (116)	—
35	5.3 (17.4)	5.3 (17.4)	5.3 (17.4)	5.3 (17.4)	5.3 (17.4)
	5.7 (18.7)	5.7 (18.7)	5.7 (18.7)	5.7 (18.7)	5.7 (18.7)
	2AZ-FE	2AZ-FE	2AZ-FE	2AZ-FE	2AZ-FE
	16-valve, DOHC, Chain Drive	16-valve, DOHC, Chain Drive	16-valve, DOHC, Chain Drive	16-valve, DOHC, Chain Drive	16-valve, DOHC, Chain Drive
	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)	88.5 x 96.0 (3.48 x 3.78)
40	2362 (144.2)	2362 (144.2)	2362 (144.2)	2362 (144.2)	2362 (144.2)
	9.8 : 1	9.8 : 1	9.8 : 1	9.8 : 1	9.8 : 1
	EFI	EFI	EFI	EFI	EFI
	91 or higher	91 or higher	91 or higher	91 or higher	91 or higher
	125 / 6000	125 / 6000	125 / 6000	125 / 6000	125 / 6000
45	224 / 4000	224 / 4000	224 / 4000	224 / 4000	224 / 4000
	12-48	12-48	12-48	12-48	12-48
	1200	1200	1200	1200	1200
	1.6	1.6	1.6	1.6	1.6
	Dry, Single Plate	Dry, Single Plate	—	Dry, Single Plate	—
50	E359F	E359F	U140F	E359F	U140F
	3.833	3.833	3.938	3.833	3.938
	1.913	1.913	2.194	1.913	2.194
	1.258	1.258	1.411	1.258	1.411
	0.972	0.972	1.019	0.972	1.019
55	0.775	0.755	—	0.775	—
	—	—	—	—	—
	3.583	3.583	3.141	3.583	3.141
	4.562	4.562	3.080	4.562	3.080
	0.439 / 2.277	0.439 / 2.277	0.439 / 2.277	0.439 / 2.277	0.439 / 2.277
60	135 (5.3)	135 (5.3)	135 (5.3)	135 (5.3)	135 (5.3)
	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
65	—	—	—	—	—
	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut
	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone
	Standard	Standard	Standard	Standard	Standard
	Standard	Standard	Standard	Standard	Standard
70	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion
	14.4	14.4	14.4	14.4	14.4
	Electric Motor	Electric Motor	Electric Motor	Electric Motor	Electric Motor

Item		Area	G.C.C. Countries	General Countries	
Body Type			5-door Wagon	5-door Wagon	
Vehicle Grade			Standard (4WD)	Standard (4WD)	
Model Code			ACA33L-ANPGKV	ACA33L-ANMXK	ACA33L-ANPXXK ACA33L-ANPGK
Major Dimensions & Vehicle Weights	Overall	Length mm (in.)	4600 (181.1)	4600 (181.1)	4600 (181.1)
		Width mm (in.)	1855 (73.0)	1815 (71.5)	1815 (71.5), 1855 (73.0)*1
		Height mm (in.)	1720 (67.7)	1685 (66.3)	1720 (67.7)
	Wheel Base mm (in.)		2660 (104.7)	2660 (104.7)	2660 (104.7)
	Tread	Front mm (in.)	1560 (61.4)	1560 (61.4)	1560 (61.4)
		Rear mm (in.)	1560 (61.4)	1560 (61.4)	1560 (61.4)
	Room	Length mm (in.)	1950 (76.8)	1950 (76.8)	1950 (76.8)
		Width mm (in.)	—	—	—
		Height mm (in.)	—	—	—
	Overhang	Front mm (in.)	855 (33.7)	855 (33.7)	855 (33.7)
		Rear mm (in.)	1085 (42.7)	1085 (42.7)	1085 (42.7)
	Min. Running Ground Clearance mm (in.)		195 (7.7)	195 (7.7)	195 (7.7)
	Angle of Approach degrees		30	30	30
	Angle of Departure degrees		30	30	30
	Curb Weight	Front kg (lb)	895 (1973)	850 (1874)	890 (1962)
		Rear kg (lb)	695 (1532)	695 (1532)	695 (1532)
		Total kg (lb)	1590 (3505)	1545 (3406)	1585 (3494)
	Gross Vehicle Weight	Front kg (lb)	1015 (2238)	950 (2094)	990 (2183)
		Rear kg (lb)	1085 (2392)	1110 (2447)	1110 (2447)
		Total kg (lb)	2100 (4630)	2060 (4542)	2100 (4630)
Performance	Fuel Tank Capacity ℓ (Imp.gal.)		60 (13.2)	60 (13.2)	60 (13.2)
	Luggage Compartment Capacity m <sup>3</sup> (cu.ft.)		0.54 (19.07)	0.54 (19.07)	0.54 (19.07)
	Max. Speed km/h (mph)		180 (112)	190 (118)	180 (112)
	Max. Cruising Speed km/h (mph)		—	—	—
	Acceleration	0 to 100 km/h sec.	—	—	—
		0 to 400 m sec.	17.5	16.6	17.5
	Max. Permissible Speed	1st Gear km/h (mph)	67 (42)	47 (29)	67 (42)
		2nd Gear km/h (mph)	120 (74)	95 (59)	120 (74)
		3rd Gear km/h (mph)	—	145 (90)	—
		4th Gear km/h (mph)	—	187 (116)	—
	Min. Turning Radius	Tire m (ft.)	5.3 (17.4)	5.3 (17.4)	5.3 (17.4)
		Body m (ft.)	5.7 (18.7)	5.7 (18.7)	5.7 (18.7)
Engine	Engine Type		2AZ-FE	2AZ-FE	2AZ-FE
	Valve Mechanism		16-valve, DOHC, Chain Drive	16-valve, DOHC, Chain Drive	16-valve, DOHC, Chain Drive
	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)
	Displacement cm <sup>3</sup> (cu.in.)		2362 (144.2)	2362 (144.2)	2362 (144.2)
	Compression Ratio		9.8 : 1	9.8 : 1	9.8 : 1
	Fuel System		EFI	EFI	EFI
	Research Octane No. or Cetane No. (Diesel)		91 or higher	91 or higher	91 or higher
	Max. Output (EEC) kW / rpm		125 / 6000	125 / 6000	125 / 6000
Engine Electrical	Max. Torque (EEC) N·m / rpm		224 / 4000	224 / 4000	224 / 4000
	Battery Capacity (5HR) Voltage & Amp. hr.		12-48	12-48	12-48
	Alternator Output Watts		1200	1200	1200
Chassis	Starter Output kW		1.6	1.6	1.6
	Clutch Type		—	Dry, Single Plate	—
	Transaxle Type		U140F	E359F	U140F
	Gear Ratio (Counter Gear Ratio Included*2)	In First	3.938	3.833	3.938
		In Second	2.194	1.913	2.194
		In Third	1.411	1.258	1.411
		In Fourth	1.019	0.972	1.019
		In Fifth	—	0.775	—
		In Sixth	—	—	—
	In Reverse		3.141	3.583	3.141
	Differential Gear Ratio (Final)		3.080	4.562	3.080
	Transfer/Rear Differential Gear Ratio		0.439/2.277	0.439/2.277	0.439/2.277
	Rear Differential Gear Size mm (in.)		135 (5.3)	135 (5.3)	135 (5.3)
	Brake Type	Front	Ventilated Disc	Ventilated Disc	Ventilated Disc
		Rear	Solid Disc	Solid Disc	Solid Disc
	Parking Brake Type		Duo Servo	Duo Servo	Duo Servo
	Brake Booster Type and Size in.		Single, 10	Single, 10	Single, 10
	Proportioning Valve Type		—	—	—
	Suspension Type	Front	MacPherson Strut	MacPherson Strut	MacPherson Strut
		Rear	Double Wishbone	Double Wishbone	Double Wishbone
	Stabilizer Bar	Front	Standard	Standard	Standard
		Rear	Standard	Standard	Standard
	Steering Gear Type		Rack and Pinion	Rack and Pinion	Rack and Pinion
	Steering Gear Ratio (Overall)		14.4	14.4	14.4
	Power Steering Type		Electric Motor	Electric Motor	Electric Motor

\*1: With Over-fender

\*2: Only for A/T Models

General Countries			
5-door Wagon			
Standard (2WD)			
	ACA38L-ANMXK	ACA38L-ANPXX	ACA38L-ANPGK
5	4600 (181.1)	4600 (181.1)	4600 (181.1)
	1815 (71.5)	1815 (71.5)	1815 (71.5)
	1685 (66.3)	1685 (66.3)	1720 (67.7)
	2660 (104.7)	2660 (104.7)	2660 (104.7)
	1560 (61.4)	1560 (61.4)	1560 (61.4)
10	1560 (61.4)	1560 (61.4)	1560 (61.4)
	1950 (76.8)	1950 (76.8)	1950 (76.8)
	—	—	—
	—	—	—
	855 (33.7)	855 (33.7)	855 (33.7)
15	1085 (42.7)	1085 (42.7)	1085 (42.7)
	195 (7.7)	195 (7.7)	195 (7.7)
	30	30	30
	30	30	30
	830 (1830)	870 (1918)	870 (1918)
20	655 (1444)	650 (1433)	650 (1433)
	1485 (3274)	1520 (3351)	1520 (3351)
	930 (2050)	970 (2138)	975 (2150)
	1070 (2359)	1070 (2359)	1065 (2348)
	2000 (4409)	2040 (4497)	2040 (4497)
25	60 (13.2)	60 (13.2)	60 (13.2)
	0.54 (19.07)	0.54 (19.07)	0.54 (19.07)
	190 (118)	180 (112)	180 (112)
	—	—	—
	—	—	—
30	16.6	17.5	17.5
	55 (34)	70 (43)	70 (43)
	103 (64)	126 (78)	126 (78)
	158 (98)	—	—
	—	—	—
35	5.3 (17.4)	5.3 (17.4)	5.3 (17.4)
	5.7 (18.7)	5.7 (18.7)	5.7 (18.7)
	2AZ-FE	2AZ-FE	2AZ-FE
	16-valve, DOHC, Chain Drive	16-valve, DOHC, Chain Drive	16-valve, DOHC, Chain Drive
	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)
40	2362 (144.2)	2362 (144.2)	2362 (144.2)
	9.8 : 1	9.8 : 1	9.8 : 1
	EFI	EFI	EFI
	91 or higher	91 or higher	91 or higher
	125 / 6000	125 / 6000	125 / 6000
45	224 / 4000	224 / 4000	224 / 4000
	12-48	12-48	12-48
	1200	1200	1200
	1.6	1.6	1.6
	Dry, Single Plate	—	—
50	E352	U241E	U241E
	3.833	3.943	3.943
	2.045	2.197	2.197
	1.333	1.413	1.413
	1.028	1.020	1.020
55	0.820	—	—
	—	—	—
	3.583	3.145	3.145
	3.944	2.923	2.923
	—	—	—
60	—	—	—
	Ventilated Disc	Ventilated Disc	Ventilated Disc
	Solid Disc	Solid Disc	Solid Disc
	Duo Servo	Duo Servo	Duo Servo
	Single, 10	Single, 10	Single, 10
65	—	—	—
	MacPherson Strut	MacPherson Strut	MacPherson Strut
	Double Wishbone	Double Wishbone	Double Wishbone
	Standard	Standard	Standard
	—	—	—
70	Rack and Pinion	Rack and Pinion	Rack and Pinion
	14.4	14.4	14.4
	Electric Motor	Electric Motor	Electric Motor

– MEMO –