

MAJOR TECHNICAL SPECIFICATIONS

Item			Area		U.S.A.			
Body Type					4-Door Sedan			
Vehicle Grade					CE		LE	
Model Code					ZZE130L-D (A) EMDKA	ZZE130L-D (A) EPDKA	ZZE130L-D (A) EMNKA	ZZE130L-D (A) EPNKA
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4530 (178.3)	4530 (178.3)	4530 (178.3)	4530 (178.3)	
		Width	mm (in.)	1700 (66.9)	1700 (66.9)	1700 (66.9)	1700 (66.9)	
		Height	mm (in.)	1480 (58.3)	1480 (58.3)	1485 (58.5)	1485 (58.5)	
	Wheel Base		mm (in.)	2600 (102.4)	2600 (102.4)	2600 (102.4)	2600 (102.4)	
	Tread	Front	mm (in.)	1480 (58.3)	1480 (58.3)	1480 (58.3)	1480 (58.3)	
		Rear	mm (in.)	1460 (57.5)	1460 (57.5)	1460 (57.5)	1460 (57.5)	
	Effective Head Room	Front	mm (in.)	992 (39.1)*1 960 (37.8)*2	992 (39.1)*1 960 (37.8)*2	992 (39.1)*1 960 (37.8)*2	992 (39.1)*1 960 (37.8)*2	
		Rear	mm (in.)	943 (37.1)*1 940 (37.0)*2	943 (37.1)*1 940 (37.0)*2	943 (37.1)*1 940 (37.0)*2	943 (37.1)*1 940 (37.0)*2	
	Effective Leg Room	Front	mm (in.)	1049 (41.3)	1049 (41.3)	1049 (41.3)	1049 (41.3)	
		Rear	mm (in.)	898 (35.4)	898 (35.4)	898 (35.4)	898 (35.4)	
	Shoulder Room	Front	mm (in.)	1350 (53.1)	1350 (53.1)	1350 (53.1)	1350 (53.1)	
		Rear	mm (in.)	1359 (53.5)	1359 (53.5)	1359 (53.5)	1359 (53.5)	
	Overhang	Front	mm (in.)	935 (36.8)	935 (36.8)	935 (36.8)	935 (36.8)	
		Rear	mm (in.)	995 (39.2)	995 (39.2)	995 (39.2)	995 (39.2)	
	Min. Running Ground Clearance		mm (in.)	145 (5.7)	145 (5.7)	145 (5.7)	145 (5.7)	
	Angle of Approach		degrees	16°	16°	16°	16°	
	Angle of Departure		degrees	21°	21°	21°	21°	
	Curb Weight	Front	kg (lb)	675 (1485)	705 (1555)	680 (1500)	710 (1565)	
		Rear	kg (lb)	455 (1005)	455 (1005)	460 (1015)	460 (1015)	
		Total	kg (lb)	1130 (2490)	1160 (2560)	1140 (2515)	1170 (2580)	
Gross Vehicle Weight	Front	kg (lb)	680 (1500)	710 (1565)	685 (1510)	715 (1575)		
	Rear	kg (lb)	455 (1005)	455 (1005)	460 (1015)	460 (1015)		
	Total	kg (lb)	1135 (2505)	1165 (2570)	1145 (112)	1175 (2590)		
Fuel Tank Capacity		ℓ (US gal., Imp.gal.)	50 (13.2, 11.0)	50 (13.2, 11.0)	50 (13.2, 11.0)	50 (13.2, 11.0)		
Luggage Compartment Capacity		m ³ (cu.ft.)	0.385 (13.5)	0.385 (13.5)	0.385 (13.5)	0.385 (13.5)		
Performance	Max. Speed		km / h (mph)	—	—	—	—	
	Max. Cruising Speed		km / h (mph)	—	—	—	—	
	Acceleration	0 to 100 km / h	sec.	—	—	—	—	
		0 to 400 m	sec.	—	—	—	—	
	Max. Permissible Speed	1st Gear	km / h (mph)	57 (35)	65 (40)	57 (35)	65 (40)	
		2nd Gear	km / h (mph)	95 (59)	118 (73)	95 (59)	118 (73)	
		3rd Gear	km / h (mph)	139 (86)	—	139 (86)	—	
		4th Gear	km / h (mph)	180 (112)	—	180 (112)	—	
	Turning Diameter (Outside Front)	Wall to Wall	m (ft.)	5.7 (18.7)	5.7 (18.7)	5.7 (18.7)	5.7 (18.7)	
		Curb to Curb	m (ft.)	5.5 (18.6)	5.5 (18.6)	5.5 (18.6)	5.5 (18.6)	
	Engine	Engine Type		1ZZ-FE	1ZZ-FE	1ZZ-FE	1ZZ-FE	
		Valve Mechanism		16-Valve, DOHC	16-Valve, DOHC	16-Valve, DOHC	16-Valve, DOHC	
Bore x Stroke		mm (in.)	79.0 x 91.5 (3.11 x 3.60)	79.0 x 91.5 (3.11 x 3.60)	79.0 x 91.5 (3.11x 3.60)			
Displacement		cm ³ (cu.in.)	1794 (109.5)	1794 (109.5)	1794 (109.5)			
Compression Ratio		10.1 : 1	10.1 : 1	10.1 : 1	10.1 : 1			
Fuel System		SFI	SFI	SFI	SFI			
Octane Rating		87 or Higher	87 or Higher	87 or Higher	87 or Higher			
Max. Output (SAE-NET)		kW / rpm (HP @rpm)	97.0 / 6000 (130 @ 6000)	97.0 / 6000 (130 @ 6000)	97.0 / 6000 (130 @ 6000)	97.0 / 6000 (130 @ 6000)		
Max. Torque (SAE-NET)		N·m / rpm (lb-ft@rpm)	170 / 4200 (125 @ 4200)	170 / 4200 (125 @ 4200)	170 / 4200 (125 @ 4200)	170 / 4200 (125 @ 4200)		
Engine Electrical	Battery Capacity (5HR)		Voltage & Amp. hr.	12-48	12-48	12-48	12-48	
	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		C59	A245E	C59	A245E	—	
	Transmission Gear Ratio	In First	3.166	3.643	3.166	3.643	—	
		In Second	1.904	2.008	1.904	2.008	—	
		In Third	1.310	1.296	1.310	1.296	—	
		In Fourth	0.885	0.892	0.885	0.892	—	
		In Fifth	0.725	—	0.725	—	—	
		In Reverse	3.250	2.977	3.250	2.977	—	
	Counter Gear Ratio		—	—	—	—	—	
	Differential Gear Size		in.	3.941	2.962	3.941	2.962	
	Brake Type	Front	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	—	
		Rear	Drum	Drum	Drum	Drum	—	
	Parking Brake Type		Duo-Servo	Duo-Servo	Duo-Servo	Duo-Servo	—	
	Brake Booster Type and Size		in.	Single, 9"	Single, 9"	Single, 9"	Single, 9"	
	Proportioning Valve Type		—	Dual-P Valve*3, —*4	Dual-P Valve*3, —*4	Dual-P Valve*3, —*4	Dual-P Valve*3, —*4	
	Suspension Type	Front	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut	—	
		Rear	Torsion Beam	Torsion Beam	Torsion Beam	Torsion Beam	—	
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)		19.5	19.5	19.5	19.5	—		
Power Steering Type		Integral Type	Integral Type	Integral Type	Integral Type	—		

*1: without Moon Roof

*3: without ABS

*2: with Moon Roof

*4: with ABS

COROLLA – MAJOR TECHNICAL SPECIFICATIONS

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	U.S.A.		CANADA			
	S		4-Door Sedan			
			CE		IE	
	ZZE130L-DEMSKA	ZZE130L-DEPSKA	ZZE130L-DEMDDK	ZZE130L-D (A) EPDKK	ZZE130L-DEMNNK	ZZE130L-D (A) EPNKK
5	4530 (178.3)	4530 (178.3)	4530 (178.3)	4530 (178.3)	4530 (178.3)	4530 (178.3)
	1700 (66.9)	1700 (66.9)	1700 (66.9)	1700 (66.9)	1700 (66.9)	1700 (66.9)
	1485 (58.5)	1485 (58.5)	1480 (58.3)	1480 (58.3)	1485 (58.5)	1485 (58.5)
	2600 (102.4)	2600 (102.4)	2600 (102.4)	2600 (102.4)	2600 (102.4)	2600 (102.4)
	1480 (58.3)	1480 (58.3)	1480 (58.3)	1480 (58.3)	1480 (58.3)	1480 (58.3)
10	1460 (57.5)	1460 (57.5)	1460 (57.5)	1460 (57.5)	1460 (57.5)	1460 (57.5)
	992 (39.1)*1 960 (37.8)*2	992 (39.1)*1 960 (37.8)*2	992 (39.1)*1 960 (37.8)*2	992 (39.1)*1 960 (37.8)*2	992 (39.1)*1 960 (37.8)*2	992 (39.1)*1 960 (37.8)*2
	943 (37.1)*1 940 (37.0)*2	943 (37.1)*1 940 (37.0)*2	943 (37.1)*1 940 (37.0)*2	943 (37.1)*1 940 (37.0)*2	943 (37.1)*1 940 (37.0)*2	943 (37.1)*1 940 (37.0)*2
	1049 (41.3)	1049 (41.3)	1049 (41.3)	1049 (41.3)	1049 (41.3)	1049 (41.3)
	898 (35.4)	898 (35.4)	898 (35.4)	898 (35.4)	898 (35.4)	898 (35.4)
15	1350 (53.1)	1350 (53.1)	1350 (53.1)	1350 (53.1)	1350 (53.1)	1350 (53.1)
	1359 (53.5)	1359 (53.5)	1359 (53.5)	1359 (53.5)	1359 (53.5)	1359 (53.5)
	935 (36.8)	935 (36.8)	935 (36.8)	935 (36.8)	935 (36.8)	935 (36.8)
	995 (39.2)	995 (39.2)	995 (39.2)	995 (39.2)	995 (39.2)	995 (39.2)
	145 (5.7)	145 (5.7)	145 (5.7)	145 (5.7)	145 (5.7)	145 (5.7)
20	14°	14°	16°	16°	16°	16°
	20°	20°	21°	21°	21°	21°
	680 (1500)	710 (1565)	675 (1485)	705 (1555)	680 (1500)	710 (1565)
	460 (1015)	460 (1015)	455 (1005)	455 (1005)	460 (1015)	460 (1015)
	1140 (2515)	1170 (2580)	1130 (2490)	1160 (2560)	1140 (2515)	1170 (2580)
25	685 (1510)	715 (1575)	680 (1500)	710 (1565)	685 (1510)	715 (1575)
	460 (1015)	460 (1015)	455 (1005)	455 (1005)	460 (1015)	460 (1015)
	1145 (112)	1175 (2590)	1135 (2505)	1165 (2570)	1145 (112)	1175 (2590)
	50 (13.2, 11.0)	50 (13.2, 11.0)	50 (13.2, 11.0)	50 (13.2, 11.0)	50 (13.2, 11.0)	50 (13.2, 11.0)
	0.385 (13.5)	0.385 (13.5)	0.385 (13.5)	0.385 (13.5)	0.385 (13.5)	0.385 (13.5)
30	—	—	—	—	—	—
	—	—	—	—	—	—
	—	—	—	—	—	—
	—	—	—	—	—	—
	57 (35)	65 (40)	57 (35)	65 (40)	57 (35)	65 (40)
35	95 (59)	118 (73)	95 (59)	118 (73)	95 (59)	118 (73)
	139 (86)	—	139 (86)	—	139 (86)	—
	180 (112)	—	180 (112)	—	180 (112)	—
	5.7 (18.7)	5.7 (18.7)	5.7 (18.7)	5.7 (18.7)	5.7 (18.7)	5.7 (18.7)
	5.5 (18.6)	5.5 (18.6)	5.5 (18.6)	5.5 (18.6)	5.5 (18.6)	5.5 (18.6)
40	1ZZ-FE	1ZZ-FE	1ZZ-FE	1ZZ-FE	1ZZ-FE	1ZZ-FE
	16-Valve, DOHC	16-Valve, DOHC	16-Valve, DOHC	16-Valve, DOHC	16-Valve, DOHC	16-Valve, DOHC
	79.0 x 91.5 (3.11 x 3.60)	79.0 x 91.5 (3.11 x 3.60)	79.0 x 91.5 (3.11 x 3.60)	79.0 x 91.5 (3.11 x 3.60)	79.0 x 91.5 (3.11 x 3.60)	79.0 x 91.5 (3.11 x 3.60)
	1794 (109.5)	1794 (109.5)	1794 (109.5)	1794 (109.5)	1794 (109.5)	1794 (109.5)
	10.1 : 1	10.1 : 1	10.1 : 1	10.1 : 1	10.1 : 1	10.1 : 1
45	SFI	SFI	SFI	SFI	SFI	SFI
	87 or Higher	87 or Higher	87 or Higher	87 or Higher	87 or Higher	87 or Higher
	97.0 / 6000 (130 @ 6000)	97.0 / 6000 (130 @ 6000)	97.0 / 6000 (130 @ 6000)	97.0 / 6000 (130 @ 6000)	97.0 / 6000 (130 @ 6000)	97.0 / 6000 (130 @ 6000)
	170 / 4200 (125 @ 4200)	170 / 4200 (125 @ 4200)	170 / 4200 (125 @ 4200)	170 / 4200 (125 @ 4200)	170 / 4200 (125 @ 4200)	170 / 4200 (125 @ 4200)
	12-48	12-48	12-48	12-48	12-48	12-48
50	960	960	960	960	960	960
	1.6	1.6	1.6	1.6	1.6	1.6
	Dry, Single Plate Diaphragm	—	Dry, Single Plate Diaphragm	—	Dry, Single Plate Diaphragm	—
	C59	A245E	C59	A245E	C59	A245E
55	3.166	3.643	3.166	3.643	3.166	3.643
	1.904	2.008	1.904	2.008	1.904	2.008
	1.310	1.296	1.310	1.296	1.310	1.296
	0.885	0.892	0.885	0.892	0.885	0.892
	0.725	—	0.725	—	0.725	—
	3.250	2.977	3.250	2.977	3.250	2.977
60	—	—	—	—	—	—
	3.941	2.962	3.941	2.962	3.941	2.962
	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
	Drum	Drum	Drum	Drum	Drum	Drum
	Duo-Servo	Duo-Servo	Duo-Servo	Duo-Servo	Duo-Servo	Duo-Servo
65	Single, 9"	Single, 9"	Single, 9"	Single, 9"	Single, 9"	Single, 9"
	Dual-P Valve*3, —*4	Dual-P Valve*3, —*4	Dual-P Valve*3, —*4	Dual-P Valve*3, —*4	Dual-P Valve*3, —*4	Dual-P Valve*3, —*4
	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut
	Torsion Beam	Torsion Beam	Torsion Beam	Torsion Beam	Torsion Beam	Torsion Beam
	Standard	Standard	Standard	Standard	Standard	Standard
70	Standard	Standard	Standard	Standard	Standard	Standard
	Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion
	19.5	19.5	19.5	19.5	19.5	19.5
	Integral Type	Integral Type	Integral Type	Integral Type	Integral Type	Integral Type

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Item				Area	CANADA	
Body Type				4-Door Sedan		
Vehicle Grade				S		
Model Code				ZZE130L-DEMSKK	ZZE130L-DEPSKK	
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4530 (178.3)	4530 (178.3)	5
		Width	mm (in.)	1700 (66.9)	1700 (66.9)	
		Height	mm (in.)	1485 (58.5)	1485 (58.5)	
	Wheel Base		mm (in.)	2600 (102.4)	2600 (102.4)	
	Tread	Front	mm (in.)	1480 (58.3)	1480 (58.3)	
		Rear	mm (in.)	1460 (57.5)	1460 (57.5)	10
	Effective Head Room	Front	mm (in.)	992 (39.1)* ¹ 960 (37.8)* ²	992 (39.1)* ¹ 960 (37.8)* ²	
		Rear	mm (in.)	943 (37.1)* ¹ 940 (37.0)* ²	943 (37.1)* ¹ 940 (37.0)* ²	
	Effective Leg Room	Front	mm (in.)	1049 (41.3)	1049 (41.3)	
		Rear	mm (in.)	898 (35.4)	898 (35.4)	
	Shoulder Room	Front	mm (in.)	1350 (53.1)	1350 (53.1)	15
		Rear	mm (in.)	1359 (53.5)	1359 (53.5)	
	Overhang	Front	mm (in.)	935 (36.8)	935 (36.8)	
		Rear	mm (in.)	995 (39.2)	995 (39.2)	
	Min. Running Ground Clearance		mm (in.)	145 (5.7)	145 (5.7)	
	Angle of Approach		degrees	14°	14°	20
	Angle of Departure		degrees	20°	20°	
	Curb Weight	Front	kg (lb)	680 (1500)	710 (1565)	
		Rear	kg (lb)	460 (1015)	460 (1015)	
		Total	kg (lb)	1140 (2515)	1170 (2580)	
	Gross Vehicle Weight	Front	kg (lb)	685 (1510)	715 (1575)	25
		Rear	kg (lb)	460 (1015)	460 (1015)	
		Total	kg (lb)	1145 (112)	1175 (2590)	
Fuel Tank Capacity		ℓ (US gal., Imp. gal.)	50 (13.2, 11.0)	50 (13.2, 11.0)		
Luggage Compartment Capacity		m ³ (cu. ft.)	0.385 (13.5)	0.385 (13.5)		
Performance	Max. Speed		km / h (mph)	—	—	30
	Max. Cruising Speed		km / h (mph)	—	—	
	Acceleration	0 to 100 km / h	sec.	—	—	
		0 to 400 m	sec.	—	—	
	Max. Permissible Speed	1st Gear	km / h (mph)	57 (35)	60 (40)	35
		2nd Gear	km / h (mph)	95 (59)	118 (73)	
		3rd Gear	km / h (mph)	139 (86)	—	
		4th Gear	km / h (mph)	180 (112)	—	
	Turning Diameter (Outside Front)	Wall to Wall	m (ft.)	5.7 (18.7)	5.7 (18.7)	
		Curb to Curb	m (ft.)	5.5 (18.6)	5.5 (18.6)	
	Engine	Engine Type		1ZZ-FE	1ZZ-FE	40
		Valve Mechanism		16-Valve, DOHC	16-Valve, DOHC	
Bore x Stroke		mm (in.)	79.0 x 91.5 (3.11 x 3.60)	79.0 x 91.5 (3.11 x 3.60)		
Displacement		cm ³ (cu. in.)	1794 (109.5)	1794 (109.5)		
Compression Ratio		10.1 : 1	10.1 : 1			
Fuel System		SFI	SFI	45		
Octane Rating		87 or Higher	87 or Higher			
Max. Output (SAE-NET)		kW / rpm (HP @rpm)	97.0 / 6000 (130 @ 6000)	97.0 / 6000 (130 @ 6000)		
Engine Electrical	Max. Torque (SAE-NET)		N·m / rpm (lb-ft @rpm)	170 / 4200 (125 @ 4200)	170 / 4200 (125 @ 4200)	
	Battery Capacity (5HR)	Voltage & Amp. hr.	12-48	12-48		
	Alternator Output	Watts	960	960	50	
Chassis	Starter Output		kW	1.6	1.6	
	Clutch Type		Dry, Single Plate Diaphragm	—		
	Transaxle Type		C59	A245E		
	Transmission Gear Ratio	In First		3.166	3.643	55
		In Second		1.904	2.008	
		In Third		1.310	1.296	
		In Fourth		0.885	0.892	
		In Fifth		0.725	—	
		In Reverse		3.250	2.977	
	Counter Gear Ratio		—	—	60	
	Differential Gear Size		in.	3.941	2.962	
	Brake Type	Front		Ventilated Disc	Ventilated Disc	
		Rear		Drum	Drum	
	Parking Brake Type			Duo-Servo	Duo-Servo	
	Brake Booster Type and Size		in.	Single, 9"	Single, 9"	65
	Proportioning Valve Type			Dual-P Valve* ³ , —* ⁴	Dual-P Valve* ³ , —* ⁴	
	Suspension Type	Front		MacPherson Strut	MacPherson Strut	
		Rear		Torsion Beam	Torsion Beam	
	Stabilizer Bar	Front		Standard	Standard	70
		Rear		Standard	Standard	
	Steering Gear Type			Rack & Pinion	Rack & Pinion	
	Steering Gear Ratio (Overall)			19.5	19.5	
	Power Steering Type			Integral Type	Integral Type	

*1: without Moon Roof

*3: without ABS

*2: with Moon Roof

*4: with ABS