

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		I2Z-FE	I2Z-FE	I2Z-FE	I2Z-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 (3.11 x 3.60)	79.0 x 91.5 (3.11 x 3.60)	
	Displacement	cm ³ (cu.in.)	1794 (109.5)	1794 (109.5)	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
*2: with Moon Roof

*3: without ABS
*4: with ABS

	U.S.A.		CANADA			
	4-Door Sedan					
	S		CE		LE	
	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
	3.166	3.643	3.166	3.643	3.166	3.643
55	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

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)		
Max. Torque (SAE-NET)	N·m/rpm (lb-ft@rpm)	170/4200 (125 @ 4200)	170/4200 (125 @ 4200)			
Engine Electrical	Battery Capacity (5HR)	Voltage & Amp. hr.	12-48	12-48	50	
	Alternator Output	Watts	960	960		
	Starter Output	kW	1.6	1.6		
Chassis	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
*2: with Moon Roof

*3: without ABS
*4: with ABS