

FOREWORD

To assist you in your sales and service activities, this manual explains the main characteristics of the 2001 model year vehicles, in particular providing a technical explanation of the construction and operation of new mechanisms and new technology used.

CAUTION, **NOTICE**, ***REFERENCE*** and **NOTE** are used in the following ways:

CAUTION	A potentially hazardous situation which could result in injury to people may occur if instructions on what to do or not do are ignored.
NOTICE	Damage to the vehicle or components may occur if instructions on what to do or not do are ignored.
<i>REFERENCE</i>	Explains the theory behind mechanisms and techniques.
NOTE	Notes or comments not included under the above 3 titles.

All information contained herein is the most up-to-date at the time of publication. We reserve the right to make changes without prior notice.

TOYOTA MOTOR CORPORATION

CAMRY

OUTLINE OF NEW FEATURES

The Camry is a high-quality family sedan with advanced technology and sporty performance. The following changes are made for the 2001 model year.

1. 5S-FE Engine

The 5S-FE engine that are equipped on the '00 California specification models, which comply with the U-LEV (Ultra-Low Emission Vehicle) requirements, have now been provided on the all models.

2. 1MZ-FE Engine

The 1MZ-FE engine that are equipped on the '00 California specification models, which comply with the LEV (Low Emission Vehicle) requirements, have now been provided on the all models with the automatic transaxle.

3. Brake

The size of front brake disc on 5S-FE engine model of CE grade has been changed from usual 255 mm (10.0 in.) for the 14-inch wheel to 275 mm (10.8 in.) for the 15-inch wheel.

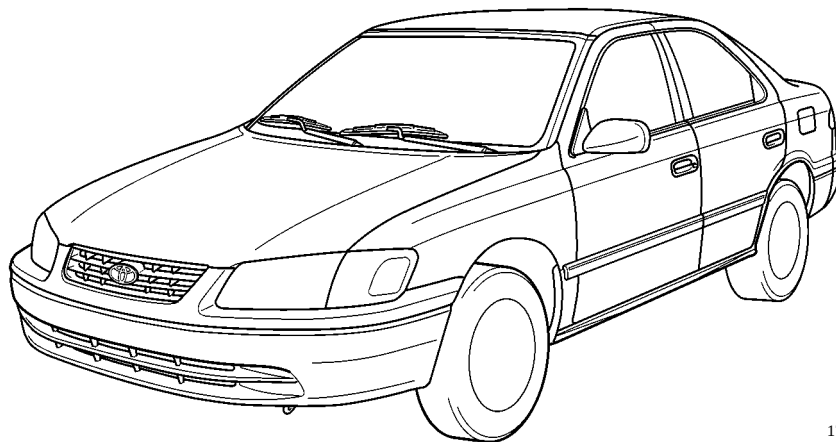
4. Seat

A seat heater is established as an option to the driver seat and front passenger seat of the vehicle with leather seats for Canada, thus improved the heating performance in the cold districts.

5. Internal Trunk Release Handle

An internal trunk release handle is included inside the trunk in case a person inadvertently locks oneself within the trunk and needs to free oneself.

The handle is made of phosphorescent so that it is visible in the trunk for a while even after the trunk has been closed.



172CM01

MODEL CODE

MCV20 L - C E P G K A

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1	BASIC MODEL CODE
	SXV20 : With 5S-FE Engine SXV23 : With 5S-FNE Engine MCV20 : With 1MZ-FE Engine

2	STEERING WHEEL POSITION
	L : Left-Hand Drive

3	MODEL NAME
	A : Camry (TMC* ¹ Made) C : Camry (TMMK* ² Made)

4	BODY TYPE
	E : 4-Door Sedan

5	GEAR SHIFT TYPE
	M : 5-Speed Manual, Floor P : 4-Speed Automatic, Floor

6	GRADE
	D : CE N : LE G : XLE

7	ENGINE SPECIFICATION
	K : DOHC and SFI C : CNG and DOHC

8	DESTINATION
	A : U.S.A. K : Canada

*1: TMC (Toyota Motor Corporation)

*2: TMMK (Toyota Motor Manufacturing Kentucky, Inc.)

MODEL LINE-UP

DES-TINA-TION	ENGINE	BODY TYPE	GRADE	TRANSAXLE			
				5-Speed Manual		4-Speed Automatic	
				S51	E153	A140E	A541E
U.S.A.	5S-FE	4-Door Sedan	CE	SXV20L-CEMDKA		SXV20L-CEPDKA	
			LE			SXV20L-A(C)EPNKA	
			XLE			SXV20L-A(C)EPGKA	
	1MZ-FE		LE		MCV20L-CEMNKA		MCV20L-A(C)EPNKA
			XLE				MCV20L-A(C)EPGKA
			5S-FNE	LE			SXV23L-AEPNCA
Canada	5S-FE	CE	SXV20L-AEMDKK		SXV20L-AEPDKK		
		LE			SXV20L-AEPNKK		
	1MZ-FE	CE				MCV20L-AEPDKK	
		XLE				MCV20L-AEPGKK	

MAJOR TECHNICAL SPECIFICATIONS

Item		Area	U.S.A.				
Body Type			4-Door Sedan				
Vehicle Grade			CE		LE	XLE	
Model Code			SXV20L-CEMDKA	SXV20L-CEPDKA	SXV20L-A(C)EPNKA	SXV20L-A(C)EPGKA	
Major Dimensions & Vehicle Weights	Overall	Length mm (in.)	4790 (188.6)	←	←	←	5
		Width mm (in.)	1780 (70.1)	←	←	1785 (70.3)	
		Height*1 mm (in.)	1415 (55.7)	←	←	←	
	Wheel Base	mm (in.)	2670 (105.1)	←	←	←	
	Tread	Front mm (in.)	1545 (60.8)	←	←	←	
		Rear mm (in.)	1520 (59.8)	←	←	←	10
	Effective Head Room	Front mm (in.)	980 (38.6), 950 (37.4)*2	←	←	←	
		Rear mm (in.)	940 (37.0), 914 (36.0)*2	←	←	←	
	Effective Leg Room	Front mm (in.)	1102 (43.4)	←	←	←	
		Rear mm (in.)	901 (35.5)	←	←	←	
	Shoulder Room	Front mm (in.)	1427 (56.2)	←	←	←	15
		Rear mm (in.)	1425 (56.1)	←	←	←	
	Overhang	Front mm (in.)	975 (38.4)	←	←	←	
		Rear mm (in.)	1145 (45.1)	←	←	←	
	Min. Running Ground Clearance	mm (in.)	130 (5.1)	←	←	←	
	Angle of Approach	degrees	16°	←	←	←	20
	Angle of Departure	degrees	16°	←	←	←	
	Curb Weight	Front kg (lb)	810 (1786)	835 (1841)	865 (1907)*3, 875 (1929)*4	870 (1918)*3, 875 (1929)*4	
		Rear kg (lb)	550 (1213)	545 (1202)	540 (1191)*3, 550 (1213)*4	545 (1202)*3, 555 (1224)*4	
		Total kg (lb)	1360 (2999)	1380 (3043)	1405 (3097)*3, 1425 (3142)*4	1415 (3120)*3, 1430 (3153)*4	
	Gross Vehicle Weight	Front kg (lb)	965 (2130)	←	995 (2195)	←	25
		Rear kg (lb)	845 (1860)	←	900 (1985)	←	
		Total kg (lb)	1810 (3990)	←	1895 (4180)	←	
	Fuel Tank Capacity	ℓ (US.gal., Imp.gal)	70 (18.5, 15.4)	←	←	←	
	Luggage Compartment Capacity	m³ (cu.ft.)	0.399 (14.1)	←	←	←	
Performance	Max. Speed	km / h (mph)	180 (112)	←	←	←	30
	Max. Cruising Speed	km / h (mph)	—	—	—	—	
	Acceleration	0 to 100 mph sec.	—	—	—	—	
		0 to 400 m sec.	—	—	—	—	
	Max. Permissible Speed	1st Gear km / h (mph)	52 (32)	69 (43)	←	←	35
		2nd Gear km / h (mph)	95 (58)	125 (78)	←	←	
		3rd Gear km / h (mph)	147 (91)	—	—	—	
		4th Gear km / h (mph)	—	—	—	—	
	Turning Diameter (Outside Front)	Wall to Wall m (ft.)	11.5 (37.7)	←	←	←	
		Curb to Curb m (ft.)	11.0 (36.1)	←	←	←	
Engine	Engine Type		5S-FE	←	←	←	40
	Valve Mechanism		16-Valve, DOHC	←	←	←	
	Bore x Stroke	mm (in.)	87.0 x 91.0 (3.43 x 3.58)	←	←	←	
	Displacement	cm³ (cu.in.)	2164 (132.0)	←	←	←	
	Compression Ratio		9.5 : 1	←	←	←	
	Carburetor Type		SFI	←	←	←	45
	Research Octane No.	RON	91 or Higher	←	←	←	
Engine Electrical	Max. Output (SAE-NET)	kW / rpm (HP@rpm)	99 / 5200 (133@5200)	←	←	←	
	Max. Torque (SAE-NET)	N·m / rpm (lb-ft@rpm)	201 / 4400 (148@4400)	←	←	←	
	Battery Capacity (5HR)	Voltage & Amp. hr.	12-55, 12-48*5	←	←	←	
Chassis	Generator Output	Watts	960	←	←	←	50
	Starter Output	kW	1.4	←	←	←	
	Clutch Type		Dry, Single Plate	—	—	—	
	Transaxle Type		S51	A140E	←	←	
	Transmission Gear Ratio	In First	3.538	2.810	←	←	55
		In Second	1.960	1.549	←	←	
		In Third	1.250	1.000	←	←	
		In Fourth	0.945	0.706	←	←	
		In Fifth	0.731	—	—	—	
		In Reverse	3.153	2.296	←	←	
	Counter Gear Ratio		—	0.945	←	←	60
	Differential Gear Ratio (Final)		3.944	←	←	←	
	Brake Type	Front	Ventilated Disc	←	←	←	
		Rear	L.T. Drum	←	←	←	
	Parking Brake Type		Drum	←	←	←	
	Brake Booster Type and Size	in.	Tandem 8" + 9"	←	Tandem 8.5" + 8.5"*3, 8" + 9"*4	←	65
	Proportioning Valve Type		Dual-P Valve	←	←	←	
	Suspension Type	Front	MacPherson Strut	←	←	←	
		Rear	MacPherson Strut	←	←	←	
	Stabilizer Bar	Front	STD	←	←	←	70
		Rear	STD	←	←	←	
	Steering Gear Type		Rack and Pinion	←	←	←	
	Steering Gear Ratio (Overall)		17.4 : 1	←	←	←	
	Power Steering Type		Integral Type	←	←	←	

*1: Unladen Vehicle
*2: With Moor Roof
*3: Produced by TMC

*4: Produced by TMMK
*5: Without Cold Area Specification Model

	U.S.A.			Canada		
	4-Door Sedan					
	LE		XLE	CE		LE
	MCV20L-CEMNKA	MCV20L-A(C)EPNKA	MCV20L-A(C)EPGKA	SXV20L-AEMDKK	SXV20L-AEPDKK	SXV20L-AEPNKK
5	←	←	←	←	←	←
	1780 (70.1)	←	1785 (70.3)	1780 (70.1)	←	←
	1420 (55.9)	←	←	1415 (55.7)	←	←
10	←	←	←	←	←	←
	←	←	←	←	←	←
	←	←	←	←	←	←
	←	←	←	←	←	←
	←	←	←	←	←	←
	←	←	←	←	←	←
15	←	←	←	←	←	←
	←	←	←	←	←	←
	←	←	←	←	←	←
	←	←	←	←	←	←
	←	←	←	←	←	←
	←	←	←	←	←	←
20	135 (5.3)	←	←	130 (5.1)	←	←
	←	←	←	←	←	←
	←	←	←	←	←	←
	880 (1940)	920 (2028)* ³ , 920 (2028)* ⁴	920 (2028)* ³ , 925 (2039)* ⁴	810 (1786)	830 (1830)	870 (1918)
25	560 (1234)	1460 (3219)* ³ , 550 (1213)* ⁴	545 (1202)* ³ , 555 (1224)* ⁴	535 (1179)	←	540 (1191)
	1440 (3174)	1460 (3219)* ³ , 1470 (3241)* ⁴	1465 (3230)* ³ , 1480 (3263)* ⁴	1345 (2965)	1365 (3009)	1410 (3109)
	1040 (2290)	←	←	965 (2130)	←	995 (2195)
	←	←	←	845 (1860)	←	900 (1985)
30	1940 (4275)	←	←	1810 (3990)	←	1895 (4180)
	←	←	←	←	←	←
	←	←	←	←	←	←
	210 (130)	←	←	180 (112)	←	←
	—	—	—	—	—	—
	—	—	—	—	—	—
35	—	—	—	—	—	—
	57 (35)	70 (43)	←	52 (32)	69 (43)	←
	97 (60)	127 (79)	←	93 (58)	125 (78)	←
	148 (92)	—	—	147 (91)	—	—
	—	—	—	—	—	—
	11.9 (39.0)	←	←	11.5 (37.7)	←	←
40	11.4 (37.4)	←	←	11.0 (36.1)	←	←
	1MZ-FE	←	←	5S-FE	←	←
	24-Valve, DOHC	←	←	16-Valve, DOHC	←	←
	87.5 x 83.0 (3.44 x 3.27)	←	←	87.0 x 91.0 (3.43 x 3.58)	←	←
	2995 (182.7)	←	←	2164 (1320)	←	←
	10.5 : 1	←	←	9.5 : 1	←	←
45	←	←	←	←	←	←
	91 or higher	←	←	←	←	←
	145 / 5200 (194@5200)	143 / 5200 (192@5200)	←	99 / 5200 (133@5200)	←	←
	283 / 4400 (209@4400)	281 / 4400 (207@4400)	←	201 / 4400 (148@4400)	←	←
50	←	←	←	12-55	←	←
	←	←	←	←	←	←
	←	←	←	←	←	←
	Dry, single Plate	—	—	Dry, Single Plate	—	—
55	E153	A541E	←	S51	A140E	←
	3.230	2.810	←	3.538	2.810	←
	1.913	1.549	←	1.960	1.549	←
	1.258	1.000	←	1.250	1.000	←
	0.918	0.735	←	0.945	0.706	←
	0.731	—	—	0.731	—	—
60	3.545	2.296	←	3.153	2.296	←
	—	0.945	←	—	0.945	←
	3.933	←	←	3.944	←	←
	←	←	←	←	←	←
65	Solid Disc	←	←	L.T. Drum	←	←
	←	←	←	←	←	←
	Tandem 8" + 9"	Tandem 8.5" + 8.5"* ³ , 8" + 9"* ⁴	←	Tandem 8.5" + 8.5"	←	←
	←	←	←	←	←	←
	←	←	←	←	←	←
	←	←	←	←	←	←
70	←	←	←	←	←	←
	←	←	←	←	←	←
	←	←	←	←	←	←
	←	←	←	←	←	←

Item		Area	Canada		U.S.A.	
Body Type			4-Door Sedan			
Vehicle Grade			CE	XLE	LE	
Model Code			MCV20L-AEPDKK	MCV20L-AEPGKK	SXV23L-AEPNCA	
Major Dimensions & Vehicle Weights	Overall	Length mm (in.)	4790 (188.6)	←	←	5
		Width mm (in.)	1780 (70.1)	1785 (70.3)	1780 (70.1)	
		Height*1 mm (in.)	1420 (55.9)	←	←	
	Wheel Base mm (in.)		2670 (105.1)	←	←	
	Tread	Front mm (in.)	1545 (60.8)	←	←	
		Rear mm (in.)	1520 (59.8)	←	←	10
	Effective Head Room	Front mm (in.)	980 (38.6), 950 (37.4)*2	←	980 (38.6)	
		Rear mm (in.)	940 (37.0), 914 (36.0)*2	←	940 (37.0)	
	Effective Leg Room	Front mm (in.)	1102 (43.4)	←	←	
		Rear mm (in.)	901 (35.5)	←	←	
	Shoulder Room	Front mm (in.)	1427 (56.2)	←	←	15
		Rear mm (in.)	1425 (56.1)	←	←	
	Overhang	Front mm (in.)	975 (38.4)	←	←	
		Rear mm (in.)	1145 (45.1)	←	←	
	Min. Running Ground Clearance mm (in.)		135 (5.3)	←	130 (5.1)	
	Angle of Approach degrees		16°	←	16°	20
	Angle of Departure degrees		16°	←	16°	
	Curb Weight	Front kg (lb)	860 (1896)	920 (2028)	860 (1896)	
		Rear kg (lb)	540 (1190)	545 (1202)	595 (1312)	
		Total kg (lb)	1400 (3086)	1465 (3230)	1455 (3208)	
	Gross Vehicle Weight	Front kg (lb)	1040 (2290)	←	970 (2140)	25
		Rear kg (lb)	900 (1985)	←	950 (2095)	
		Total kg (lb)	1940 (4275)	←	1920 (4235)	
Performance	Fuel Tank Capacity ℓ (US.gal., Imp.gal)		70 (18.5, 15.4)	←	135 (35.7, 29.2)*5, 43 (11.4, 9.5)*6	
	Luggage Compartment Capacity m³ (cu.ft.)		0.399 (14.1)	←	0.332 m³*7, 8.921 ft³*8	
	Max. Speed km/h (mph)		210 (130)	←	180 (112)	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)	70 (43)	←	66 (41)	
		2nd Gear km/h (mph)	127 (79)	←	119 (74)	35
		3rd Gear km/h (mph)	—	—	—	
		4th Gear km/h (mph)	—	—	—	
	Turning Diameter (Outside Front)	Wall to Wall m (ft.)	11.9 (39.0)	←	←	
		Curb to Curb m (ft.)	11.4 (37.4)	←	←	
	Engine Type		1MZ-FE	←	5S-FNE	40
	Valve Mechanism		24-Valve, DOHC	←	16-Valve, DOHC	
	Bore x Stroke mm (in.)		87.5 x 83.0 (3.44 x 3.27)	←	87.0 x 91.0 (3.43 x 3.58)	
	Displacement cm³ (cu.in.)		2995 (182.7)	←	2164 (132.0)	
	Compression Ratio		10.5 : 1	←	11.0 : 1	
Engine	Carburetor Type		SFI	←	←	45
	Research Octane No. RON		91 or higher	←	130	
	Max. Output (SAE-NET) kW / rpm (HP@rpm)		143 / 5200 (192@5200)	←	88 / 5200 (118@5200)	
	Max. Torque (SAE-NET) N·m / rpm (lb-ft@rpm)		281 / 4400 (207@4400)	←	178 / 2400 (131@2400)	
	Battery Capacity (5HR) Voltage & Amp. hr.		12-55	←	←	
Engine Electrical	Generator Output Watts		960	←	←	50
	Starter Output kW		1.4	←	←	
Chassis	Clutch Type		—	—	—	
	Transaxle Type		A541E	←	A140E	
	Transmission Gear Ratio	In First	2.810	←	2.810	55
		In Second	1.549	←	1.549	
		In Third	1.000	←	1.000	
		In Fourth	0.735	←	0.706	
		In Fifth	—	—	—	
		In Reverse	2.296	←	←	
	Counter Gear Ratio		←	←	0.945	60
	Differential Gear Ratio (Final)		3.933	←	4.176	
	Brake Type	Front	Ventilated Disc	←	←	
		Rear	Solid Disc	←	L.T. Drum	
	Parking Brake Type		Drum	←	←	
	Brake Booster Type and Size in.		Tandem 8.5" + 8.5"	←	←	65
	Proportioning Valve Type		Dual-P Valve	←	←	
	Suspension Type	Front	MacPherson Strut	←	←	
		Rear	MacPherson Strut	←	←	
	Stabilizer Bar	Front	STD	←	←	70
		Rear	STD	←	←	
	Steering Gear Type		Rack and Pinion	←	←	
	Steering Gear Ratio (Overall)		17.4 : 1	←	←	
	Power Steering Type		Integral Type	←	←	

*1: Unladen Vehicle
 *2: With Moon Roof
 *3: Produced by TMC
 *4: Produced by TMMK

*5: Water Volume
 *6: Equivalent Gasoline Capacity
 *7: VDA
 *8: SAE Suitcase