

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.

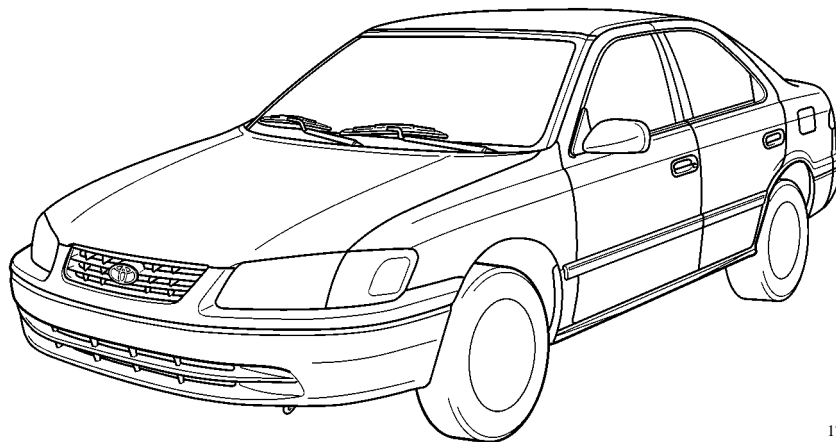
4. Seat

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 with-in the trunk and needs to free oneself.

The handle is made of phosphorecent 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	←	←	←	
	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)	←	←	←	
Engine Electrical	Battery Capacity (5HR)		Voltage & Amp. hr.	12-55, 12-48*5	←	←	←	
	Generator Output		Watts	960	←	←	←	
	Starter Output		kW	1.4	←	←	←	
Chassis	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)
	560 (1234)	1460 (3219)* ³ , 550 (1213)* ⁴	545 (1202)* ³ , 555 (1224)* ⁴	535 (1179)	←	540 (1191)
25	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)
	1940 (4275)	←	←	1810 (3990)	←	1895 (4180)
	←	←	←	←	←	←
30	←	←	←	←	←	←
	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)	←	←
45	10.5 : 1	←	←	9.5 : 1	←	←
	←	←	←	←	←	←
	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	—	—
	E153	A541E	←	S51	A140E	←
55	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	←	←
	←	←	←	←	←	←
	Solid Disc	←	←	L.T. Drum	←	←
65	←	←	←	←	←	←
	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)	←	←
		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)	←	←
	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)	←	←
		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°
	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)
		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 m ³ (cu.ft.)		0.399 (14.1)	←	0.332 m ³ *7, 8.921 ft ³ *8
	Max. Speed km/h (mph)		210 (130)	←	180 (112)
	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)
		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
	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 cm ³ (cu.in.)		2995 (182.7)	←	2164 (132.0)
	Compression Ratio		10.5 : 1	←	11.0 : 1
Engine	Carburetor Type		SFI	←	←
	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	←	←
	Starter Output kW		1.4	←	←
Chassis	Clutch Type		—	—	—
	Transaxle Type		A541E	←	A140E
	Transmission Gear Ratio	In First	2.810	←	2.810
		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
	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"	←	←
	Proportioning Valve Type		Dual-P Valve	←	←
	Suspension Type	Front	MacPherson Strut	←	←
		Rear	MacPherson Strut	←	←
	Stabilizer Bar	Front	STD	←	←
		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