

## 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 1998 model year.

#### 1. Model Line-Up

- The SXV20L-AEPNKK and MCV20L-A (C) EPGKK models have been added.
- The MCV20L-CEPNKK model has been discontinued.

#### 2. Interior Equipment

An extensible assist grip has been newly provided for the front passenger.

#### 3. 5S-FE Engine

ORVR (On-Board Refueling Vapor Recovery) System has been adopted.

#### 4. 1MZ-FE Engine

The 1MZ-FE engine with automatic transaxle on the California specification model uses the air-fuel ratio sensor and the WU-TWC (Warm Up-Three-Way Catalytic Converters) to reduce exhaust emissions.

#### 5. Body

- The cross section shape of the outside windshield moulding has been changed to reduce the wind noise.
- The front door window glass has been increased in thickness to reduce the amount of noise transmitted from the outside of the vehicle.
- Front seat belt with pretensioner and force limiter has been adopted.

#### 6. Engine Immobiliser System

An engine immobiliser system has been newly provided to help improve the vehicle's theft prevention performance.

#### 7. Theft Deterrent System

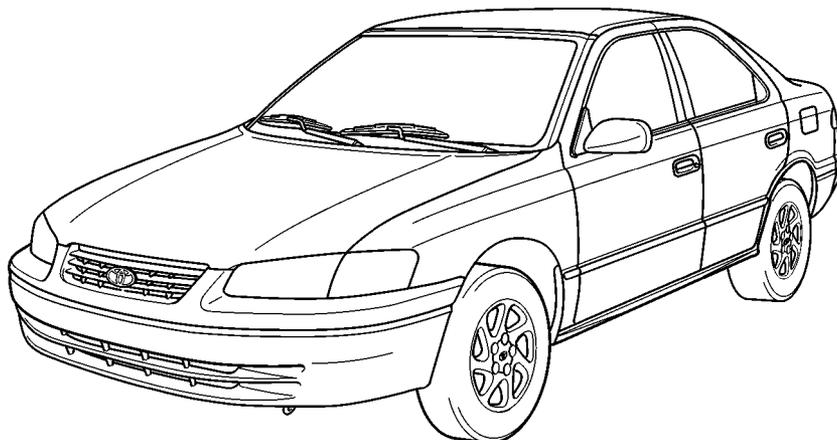
- The starter cutoff function has been discontinued along with the adoption of the engine immobiliser system.
- The illumination pattern of the indicator light which indicates the condition of the system has been changed.

### 8. SRS Side Airbag

The SRS side airbags which help to reduce the impact energy transmitted to the driver and front passenger in the event of a side collision has been newly provided.

### 9. Audio

- The design of the audio unit has been changed.
- AM/FM multiplex ETR with CD players have been newly provided.
- The CD auto changer control function has been provided in all audio units.



## MODEL CODE

**MCV20** **L** – **C** **E** **P** **G** **K** **A**  
 ①                      ②                      ③                      ④                      ⑤                      ⑥                      ⑦                      ⑧

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

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

②	STEERING WHEEL POSITION
	L : Left-Hand Drive

⑥	GRADE
	D : CE N : LE G : XLE

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

⑦	ENGINE SPECIFICATION
	K : DOHC and SFI

④	BODY TYPE
	E : 4-Door Sedan

⑧	DESTINATION
	A : U.S.A. K : Canada

\*1: TMC (Toyota Motor Corporation)

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

**MODEL LINE-UP**

DESTI- NATION	TRANSAXLE			5-Speed Manual		4-Speed Automatic		
	ENGINE	BODY TYPE	GRADE	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		CE		MCV20L- CEMDKA			
			LE				MCV20L- A(C)EPNKA	
			XLE				MCV20L- A(C)EPGKA	
Canada	5S-FE	CE	SXV20L- CEMDKK		SXV20L- CEPDKK			
		LE	SXV20L- CEMNKK		SXV20L- CEPNKK			
					SXV20L- AEPNKK			
	1MZ-FE	CE				MCV20L- CEPDKK		
		LE				MCV20L- CEPNKK		
XLE					MCV20L- A(C)EPGKK			

\*: Electronically Controlled Transaxle with an intelligent control system

	: New
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	: Discontinued
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## NEW FEATURES

### ■ 5S-FE ENGINE

#### 1. Description

The following changes have been made to the 5S-FE engine.

Item	Details
Fuel System	<ul style="list-style-type: none"> <li>● ORVR (On-board Refueling Vapor Recovery) system has been adopted to reduce the amount of fuel vapor that is discharged to the atmosphere during refueling. The operation and construction of the ORVR system are the same as those of the '98 Corolla. For details, see the '98 Corolla New Car Features (Pub. No. NCF148U).</li> </ul>
Engine Control System	<ul style="list-style-type: none"> <li>● The diagnostic function of the evaporative emission control system, which was adopted on the previous automatic transaxle model, has been newly adopted also on the manual transaxle model.</li> <li>● The engine immobiliser function has been integrated with the ECM. For details, see page 23.</li> </ul>

\*: Applicable only to Vehicle Equipped with the Engine Immobiliser System.

## ■ 1MZ-FE ENGINE

### 1. Description

On the California specification automatic transaxle model, the 1MZ-FE engine has adopted the air-fuel ratio sensor and the WU-TWC (Warm Up-Three-Way Catalytic Converter) to reduce exhaust emissions.

### 2. Engine Specifications

1MZ-FE Engine			'98 Model	'97 Model
Item				
No. of Cyls. & Arrangement			6-Cylinder, V Type	←
Valve Mechanism			24-Valve, DOHC, Belt & Gear Drive	←
Combustion Chamber			Pentroof Type	←
Manifolds			Cross-Flow	←
Fuel System			SFI	←
Displacement	cm <sup>3</sup> (cu. in.)		2995 (182.7)	←
Bore x Stroke	mm (in.)		87.5 x 83.0 (3.44 x 3.27)	←
Compression Ratio			10.5 : 1	←
Max. Output	[SAE-NET]		145 kW@5200 rpm (194HP@5200 rpm), 143 kW@5200 rpm (192 HP@5200 rpm)*	145 kW@5200 rpm (194HP@5200 rpm)
Max. Torque	[SAE-NET]		283 N·m@4400 rpm (209 ft·lbf@4400 rpm), 281 N·m@4400 rpm (207 ft·lbf@4400 rpm)*	283 N·m@4400 rpm (209 ft·lbf@4400 rpm)
Valve Timing	Intake	Open	4° BTDC	←
		Close	44° ABDC	←
	Exhaust	Open	46° BBDC	←
		Close	2° ATDC	←
Fuel Octane Number	RON		91 or Higher	←
Oil Grade			API SH EC-II, SJ EC or ILSAC	API SH EC II or ILSAC

Premium unleaded gasoline (96RON) is used for the above specifications.

\*: California Specification Automatic Transaxle Model.

### 3. Major Differences

The following changes have been made to the 1MZ-FE engine.

Item	Details
Intake and Exhaust System* <sup>1</sup>	<ul style="list-style-type: none"> <li>● The exhaust manifolds adopt a double-wall construction consisting of stainless steel pipes to improve the warm-up performance of the TWC.</li> <li>● WU-TWCs*<sup>2</sup> have been adopted to reduce exhaust emissions soon after the engine is started.</li> </ul>
Fuel System	<ul style="list-style-type: none"> <li>● 4-hole type fuel injectors have been adopted to improve the atomization of fuel.*<sup>1</sup></li> <li>● A quick connector is used to connect the fuel filter and the fuel hose together to improve serviceability.</li> </ul>
Engine Control System	<ul style="list-style-type: none"> <li>● Air-fuel ratio sensors have been adopted to improve the precision of the air-fuel ratio feedback control.*<sup>1</sup></li> <li>● The engine immobiliser system has been integrated with the ECM.*<sup>3</sup></li> </ul>

\*1: Only for California Specification Automatic Transaxle Model.

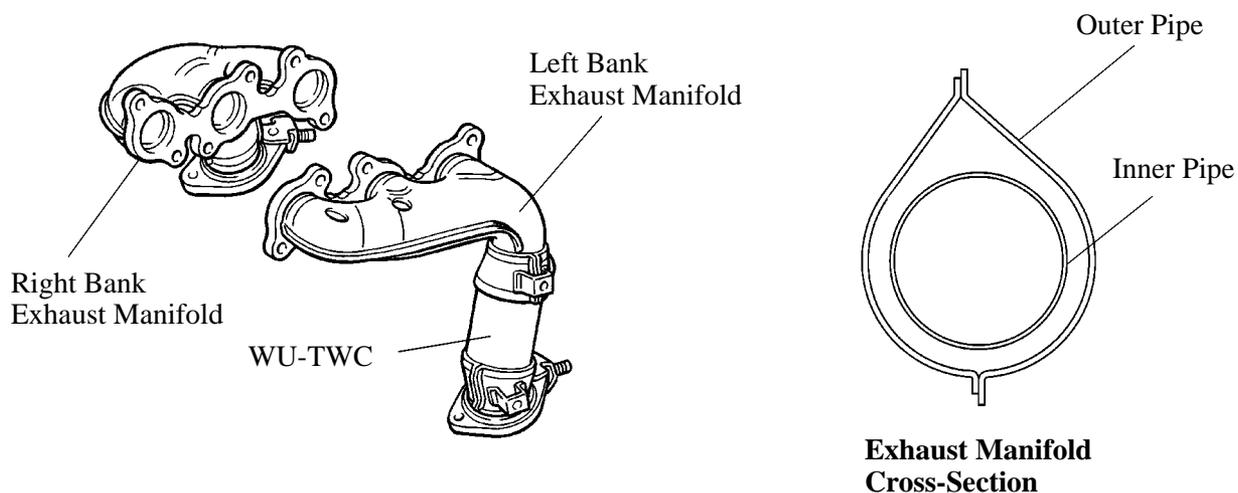
\*2: WU-TWC (Warm Up-Three-Way Catalytic Converter)

\*3: Applicable only to vehicle equipped with the Engine Immobiliser System.

### 4. Intake and Exhaust System (California Specification Automatic Transaxle Model)

#### Exhaust Manifold

- The exhaust manifolds have been changed from the previous 3-layer type, in which ceramic wool is sandwiched, to the double-wall construction consisting of stainless steel pipes. As a result, the warm-up performance of the TWC has been improved.
- The left bank exhaust manifold integrates with a WU-TWC.

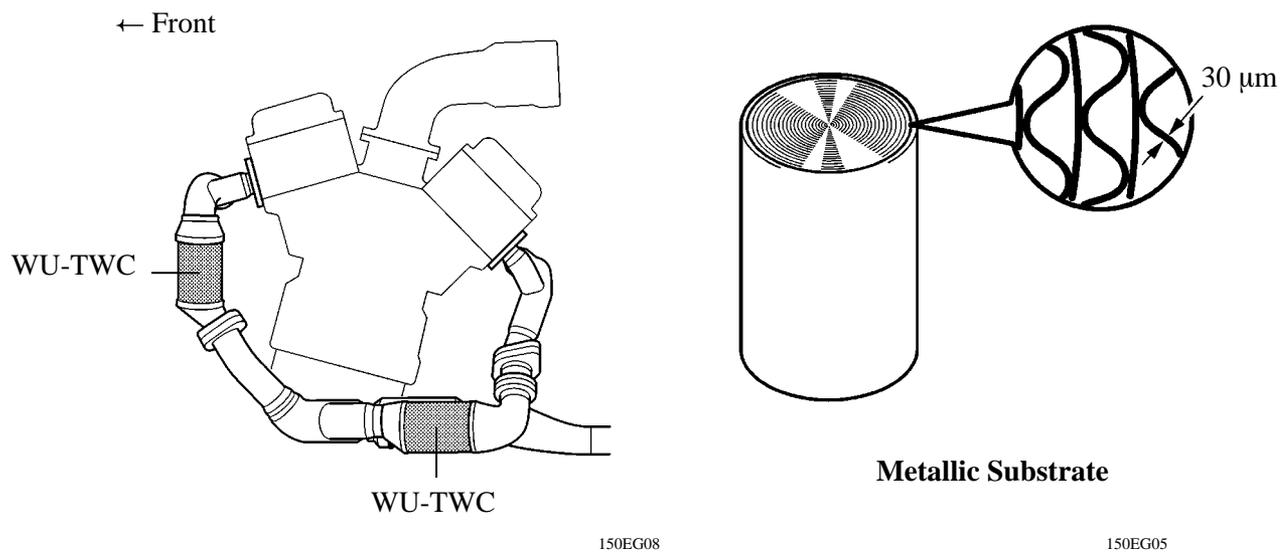


150EG06

150EG07

### Warm Up-Three-Way Catalytic Converter

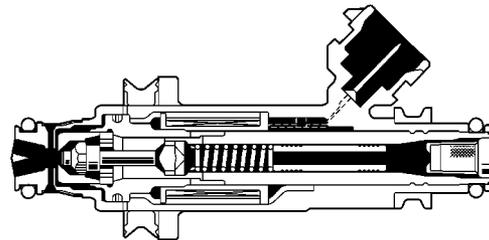
- In addition to the TWC that is provided under the floor of the previous model, WU-TWCs are provided to reduce exhaust emissions soon after the engine is started.
- The WU-TWC for the right bank is provided in the front exhaust pipe and in the exhaust manifold for the left bank.
- The WU-TWC uses a thin-foil (foil thickness  $50\ \mu\text{m} \rightarrow 30\ \mu\text{m}$ ) metallic substrate for weight reduction and to improve warm-up performance.



## 5. Fuel System

### Fuel Injector (California Specification Automatic Transaxle Model)

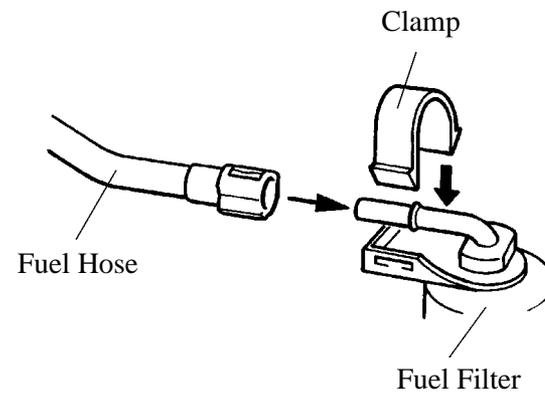
A compact 4-hole type injector has been adopted to improve the atomization of fuel.



150EG09

### Fuel Filter

A quick connector is used to connect the fuel filter and the fuel hose together to improve serviceability.



149EG07

## 6. Engine Control System

### General

The California specification automatic transaxle model has adopted an air-fuel sensor. All models are available with the Engine Immobiliser System as an optional equipment. The models other than the California specification automatic transaxle model are basically the same as the '97 models except for the adoption of the Engine Immobiliser System.

### SFI (Sequential Multiport Fuel Injection)

The precision of the air-fuel ratio feedback control has been improved through the adoption of the air-fuel ratio sensor. The operation of the air-fuel ratio sensor and the ECM are the same as those of the California specification model with the 5S-FE engine and automatic transaxle. For details, see the '97 Camry New Car Features (Pub. No. NCF134U).

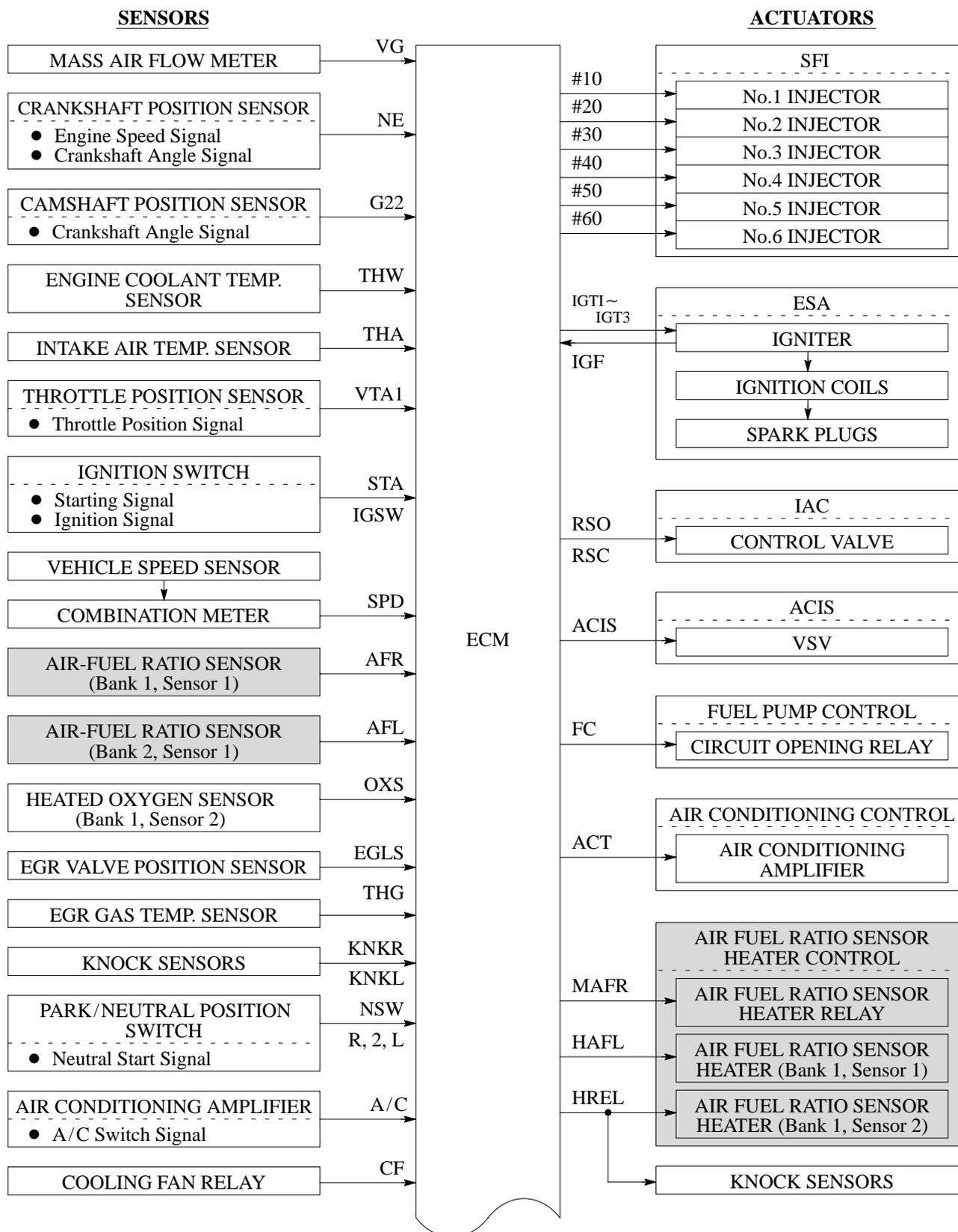
### Engine Immobiliser System

The engine immobiliser system has been designed to prevent the vehicle from being stolen. This system uses an ECM that stores the ID code of the authorized ignition key. If an attempt is made to start the engine using an unauthorized key, the ECM prohibits fuel delivery and ignition effectively disabling the engine. For details, see page 23 in the Engine Immobiliser system section.

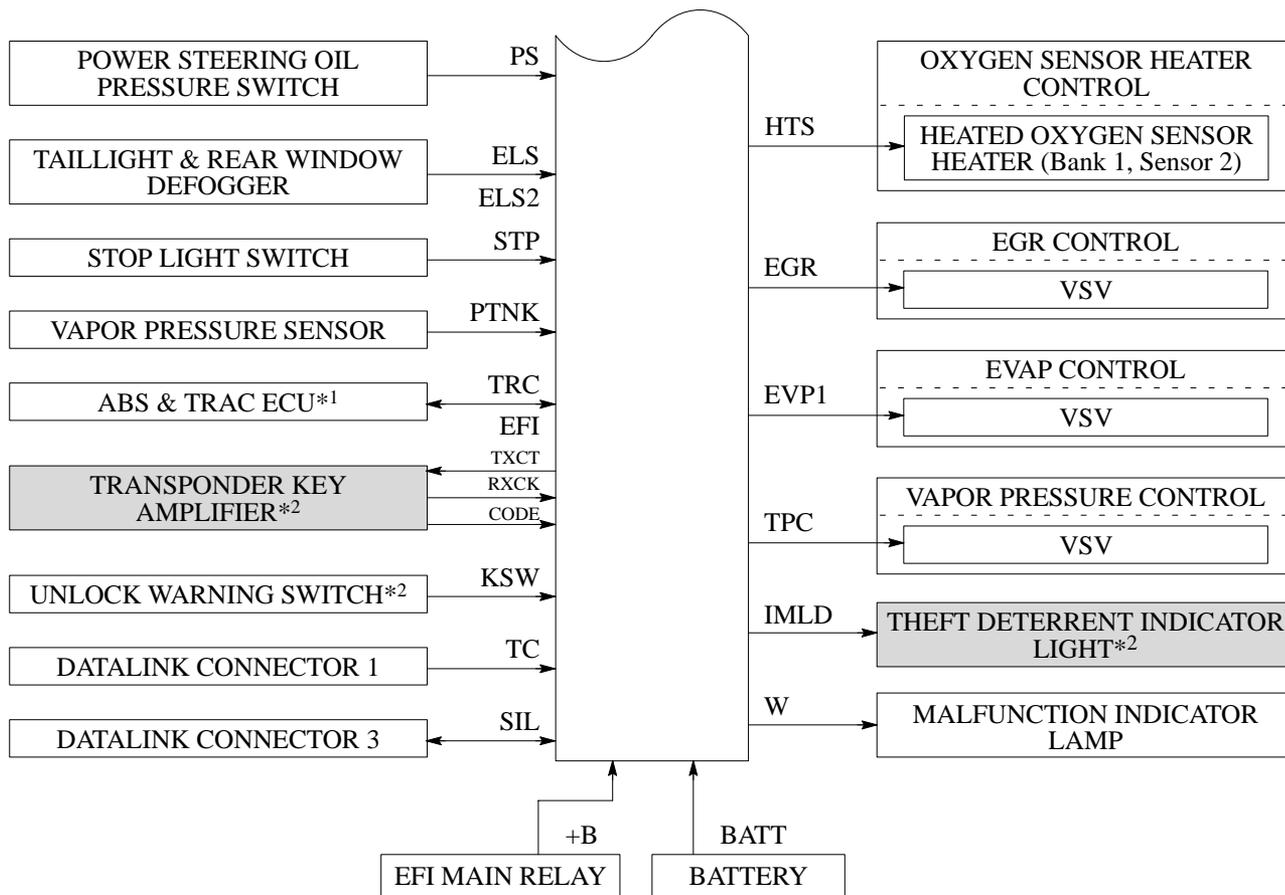
**Construction**

**1) California Specification Automatic Transaxle Model**

The configuration of the engine control system in the 1MZ-FE engine of the '98 Camry is as shown in the following chart. Shaded portions  differ from the 1MZ-FE engine of the '97 Camry.



(Continued)



\*1: Applicable only to vehicles equipped with the TRAC System.

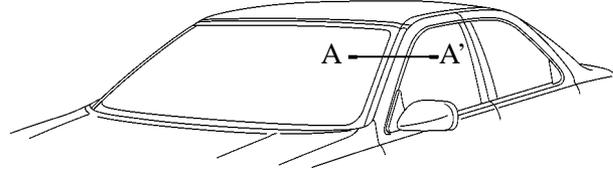
\*2: Applicable only to vehicles equipped with the Engine Immobiliser System.



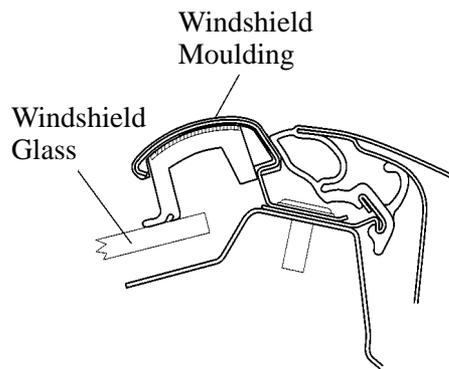
## ■ BODY

### 1. Low Vibration Low Noise Body

- The front door window glass has been increased in thickness from 4.0mm (0.16 in.) to 5.0mm (0.20 in.) to reduce the amount of noise transmitted from the outside of the vehicle.
- The cross section shape of the outside windshield moulding has been changed to direct the airflow smoothly from the front to the side of the vehicle. As a result, the wind noise has been reduced.

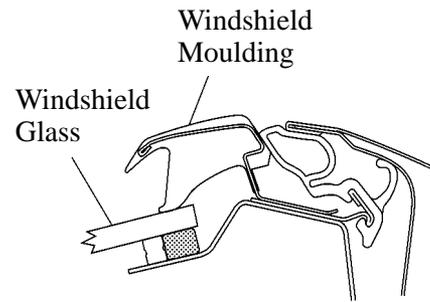


150IN101



'98 Camry

150NF102



'97 Camry

150NF103

A – A' Cross Section

## ■ SEAT BELT

### 1. General

- The front seats are provided with an electrical sensing type seat belt pretensioner and a seat belt force limiter. In the beginning of a collision, the seat belt pretensioner instantly pulls up the seat belt thus providing the excellent belt's effectiveness in restraining the occupant. When the impact of a collision causes the tension of the seat belt applied to the occupant to reach a predetermined level, the force limiter restrains the tension, thus controlling the force applied to the occupant's chest area.
- In accordance with the ignition signal from the airbag sensor assembly, the seat belt pretensioner activates simultaneously with the deployment of the SRS airbags for the driver and front passenger.

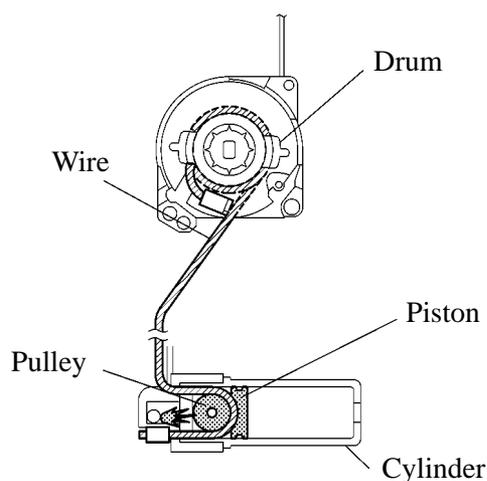
### 2. Seat Belt Pretensioner

#### Construction and Operation

The seat belt pretensioner consists of the pretensioner mechanism and retracting mechanism.

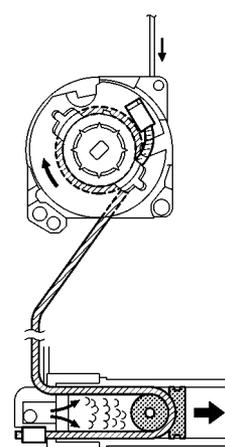
The pretensioner mechanism consists of a gas generator, piston, wire, drum and etc.

If the airbag sensor is turned on by deceleration due to frontal collision, electric current then ignites the gas generator located in the pretensioner. As a result, the gas generator emits gas in an extremely short time and pushes the piston. Since the cable is attached to the piston, the piston will pull on the cable causing the drum to grab onto the shaft. The shaft will then move in the retracting direction pulling up the belt for a predetermined length.



**Inactive**

150NF104



**Activated**

150NF105

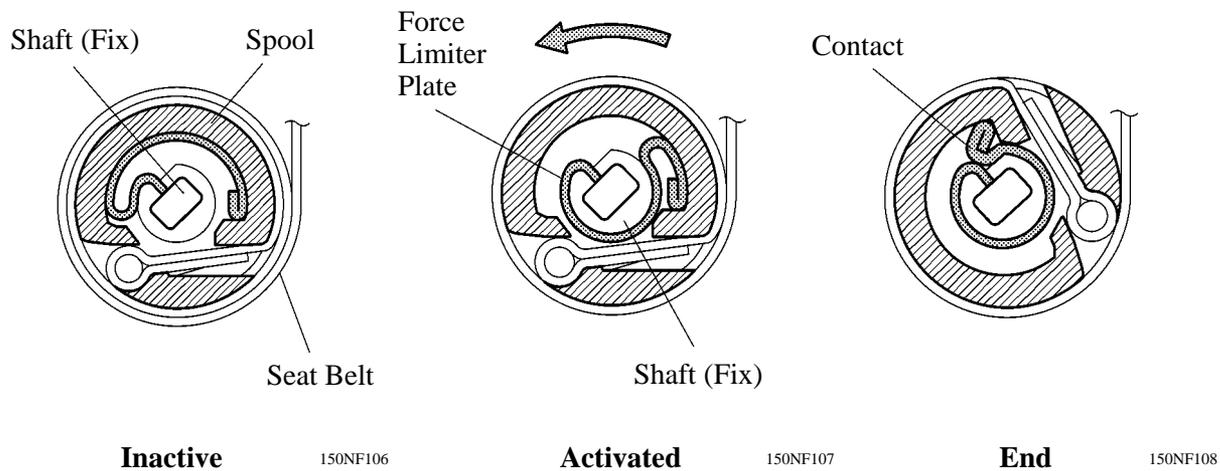
### 3. Seat Belt Force Limiter

#### Construction and Operation

Seat belt force limiter consists of the force limiter plate, spool, shaft and etc.

When a further movement of the occupant applies a force that exceeds the specified load, the force limiter plate begins to deform, and the spool rotates along with the movement of the belt allowing the belt to be pulled out. At this time, the force limiter plate deforms as if wrapping around the shaft along with the rotation of the spool, and acts as a resistance force against the pulling of the belt.

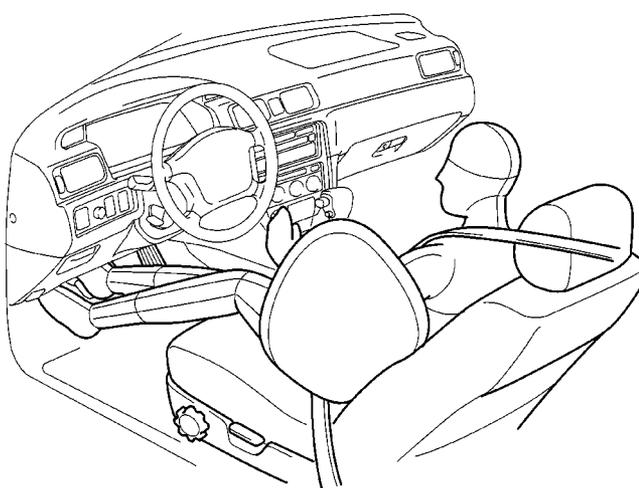
When the spool makes 1-1/4 turns, the plate makes one complete turn around the shaft. As the plates themselves come in contact, the spool will not be able to rotate further. As a result, the force limiter completes its activation.



## ■ SRS SIDE AIRBAG

### 1. General

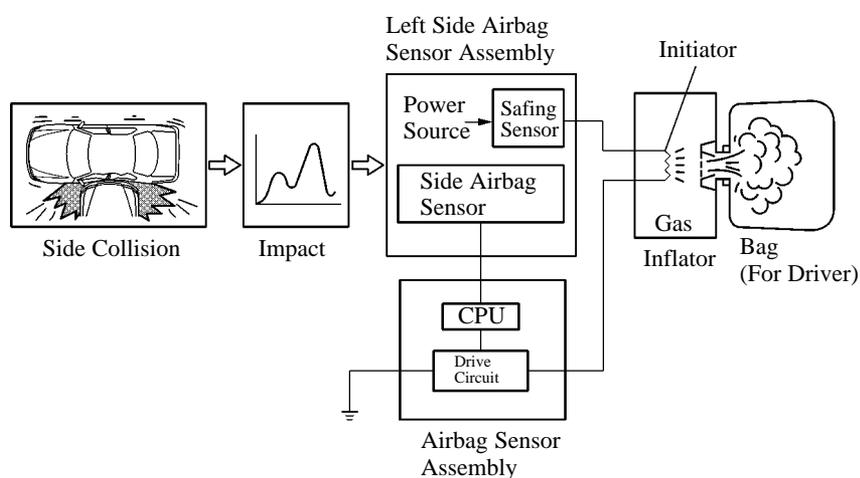
- In conjunction with the energy absorbing doors, the SRS side airbags have been designed to help reducing the impact energy that is transmitted to the driver and front passenger in the event of a side collision. In a side collision, the side airbag sensor detects the shock and if the side-to-side shock is greater than a specified value, the airbags stored in the seat back for the driver and the front passenger inflate instantly to help reducing the likelihood of the driver's or front passenger's arm and chest directly hitting the door trim.
- Each SRS side airbag is independent of the other.
- An electrical type SRS side airbag, in which the side airbag is activated by the ignition signal emitted by the airbag sensor assembly, has been adopted.



150NF109

### ► System Diagram ◀

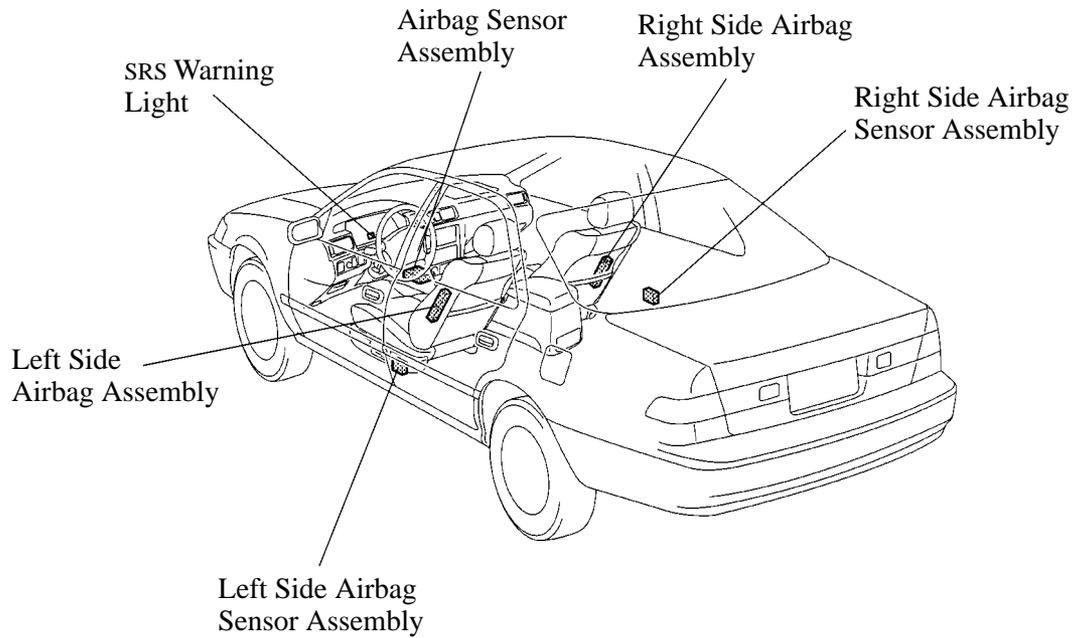
The activation processes of the SRS side airbag is as illustrated below.



150NF110

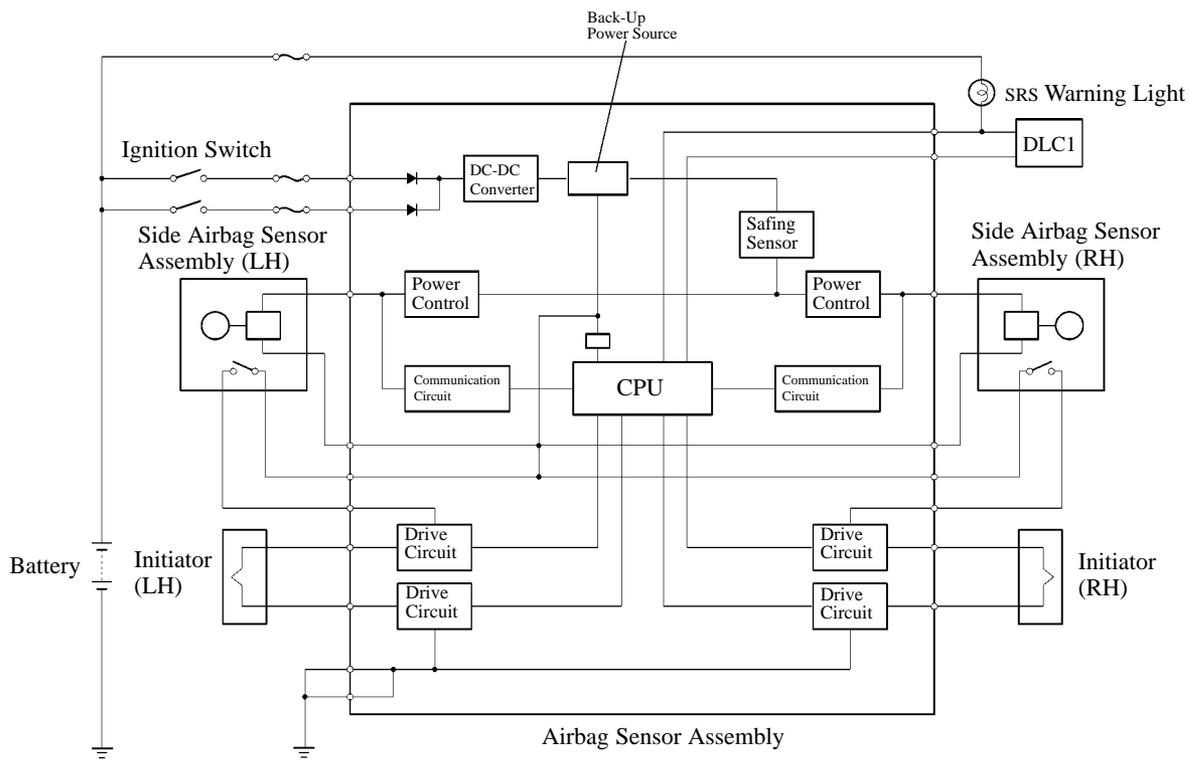
## 2. Layout of Components

The major function parts of the side airbag system are shown below.



150NF111

## 3. Wiring Diagram



150NF112

## 4. Construction and Operation

### Side Airbag Sensor Assembly

#### 1) Description

The side airbag sensor assembly is mounted on the right and left center pillars. It receives signals from the side airbag sensor enclosed in the side airbag sensor assembly and judges whether the side airbag must be activated or not.

#### 2) Construction and Operation

The side airbag sensor assembly consists of side airbag sensor, safing sensor, etc.

##### a. Side Airbag Sensor

The side airbag sensor is enclosed in the side airbag sensor assembly based on the acceleration of the vehicle that occurs during a side collision. The distortion created in the sensor is converted into an electric signal. This signal is a linear representation of the acceleration rate.

##### b. Safing Sensor

The safing sensor is enclosed in the side airbag sensor assembly. The sensor turns ON if an acceleration force that is higher than a predetermined value is applied to the safing sensor as a result of a side collision.

### Airbag Sensor Assembly

#### 1) Description

The airbag sensor assembly is mounted on the center floor under the instrument panel.

When the airbag sensor assembly receives the airbag activation signal from the side airbag sensor assembly, it applies current to the inflator.

Furthermore, the airbag sensor assembly diagnoses a system malfunction of the side airbag system.

This is the same airbag sensor assembly that is used for the SRS airbag for the driver and front passenger.

#### 2) Construction and Operation

The airbag sensor assembly consists of ignition control circuit, back up power source, diagnosis circuit, memory circuit, etc.

##### a. Ignition Control Circuit

The ignition control circuit performs a prescribed calculation based on the signal output by the airbag sensor and the front airbag sensor. If these calculated values are larger than a predetermined value, it activates the ignition operation.

##### b. Back-Up Power Source

The back-up power source consists of a back-up capacitor and a DC-DC converter. In case of a power system failure during a collision, the back-up capacitor discharges and supplies electric power to the system. The DC-DC converter is a boosting transformer when the battery voltage drops below a certain level.

##### c. Diagnosis Circuit

This circuit constantly diagnoses the system for any malfunction. When a malfunction is detected, it lights up the SRS warning light on the combination meter to alert the driver.

##### d. Memory Circuit

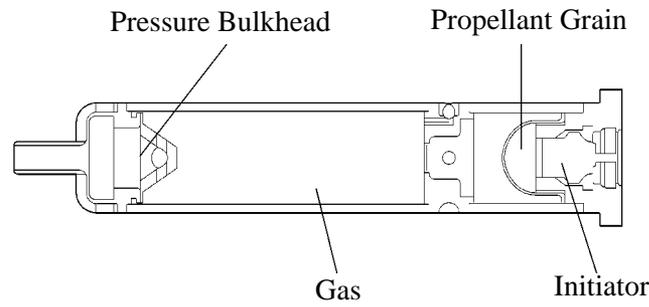
When a malfunction is detected by the diagnosis circuit, it is coded and stored in this memory circuit.

## Inflator and Bag

### 1) Construction

The inflator and bag are integrated inside the case and located in the outer side of the seat back. The inflator is comprised of an initiator, propellant grain, gas and pressure bulkhead.

The bag is made of strong nylon cloth and becomes inflated by the gas heated by the inflator.



150NF122

### CAUTION

The initiator is ignited even by a feeble current. As it is dangerous, never measure the resistance of the initiator with a volt/ohmmeter, etc.

### 2) Operation

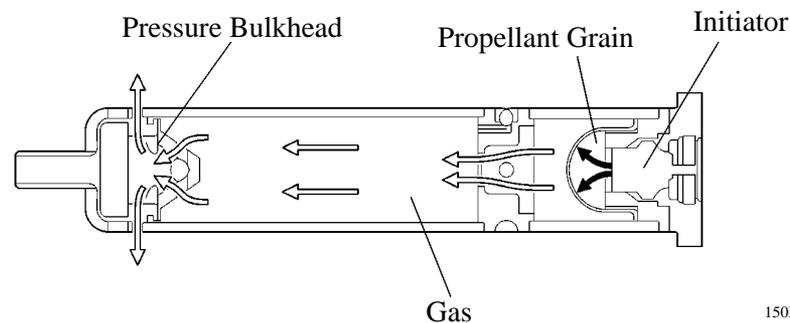
When the side airbag sensor detects the acceleration because of a side collision, the ECU appraises the extent of the acceleration to determine whether or not the side airbag must be deployed.

After the ECU determines that the side airbag must be deployed, it causes the initiator to ignite in order to heat and expand the gas inside the inflator. The expanded gas tears the pressure bulkhead and flows into the bag.

The bag, which is inflated by the gas, pushes open the case in the seat, tears the sewn portion of the seat outer cover, and expands to the side of the occupant.

The expanded bag receives the occupant's arm and chest, and discharges the gas through the bag's surface in order to soften the recoil.

Thus, the side airbag helps to reduce the impact energy that is applied to the occupant's arm and chest areas.



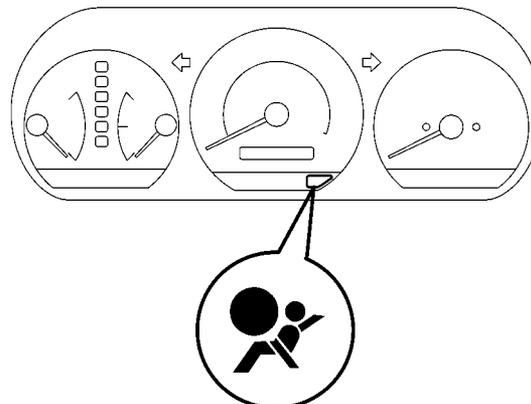
150NF123

→ : Propagation of Fire  
 ⇨ : Flow of Gas

### SRS Warning Light

The SRS warning light is located on the combination meter.

It comes on to alert the driver about system trouble when a malfunction is detected in self-diagnosis of the airbag sensor assembly and side airbag sensor assembly. In normal operating conditions when the ignition switch is turned to the ACC or ON position, the light comes on for about 6 seconds and then goes off.



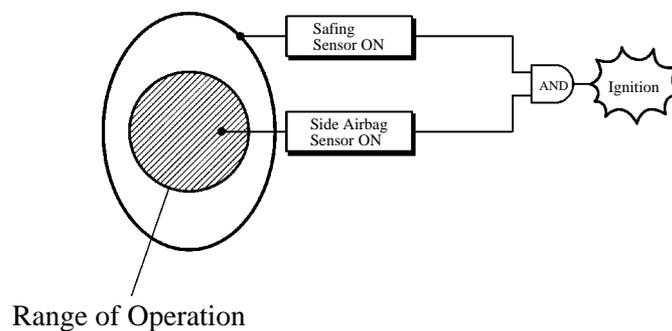
SRS Warning Light

150NF113

## 5. System Operation

### Ignition Judgement and Conditions

The safing sensor is designed to be activated by a smaller acceleration rate than the side airbag sensor. As illustrated below, ignition is caused when current flows to the initiator, which happens when a safing sensor and the side airbag sensor go on simultaneously.



150NF114

**THEFT DETERRENT SYSTEM**

**1. General**

The following changes have been made to the theft deterrent system.

- The starter cutoff function has been discontinued with the adoption of the engine immobiliser system.
- The illuminating pattern of the indicator light which indicates the condition of the system has been changed in conjunction with the adoption of the engine immobiliser system.

**2. Indicator Light**

The '98 Camry has adopted an engine immobiliser system. Accordingly, a single indicator light can display the conditions of the 2 systems, the engine immobiliser system, and the theft deterrent system. As a result, the illuminating pattern of the indicator lights are those listed below.

Actual Indicator Light Illuminating Pattern	ON	
	OFF	
Indicator Light Illuminating Pattern for the Immobiliser System	ON	
	OFF	
Condition of the Immobiliser System	—	
Indicator Light Illuminating Pattern for the Theft Deterrent System	ON	Non-Alert Stage   Alert Preparation Stage   Alert Stage   Warning Stage
	OFF	
Condition of the Theft Deterrent System	—	

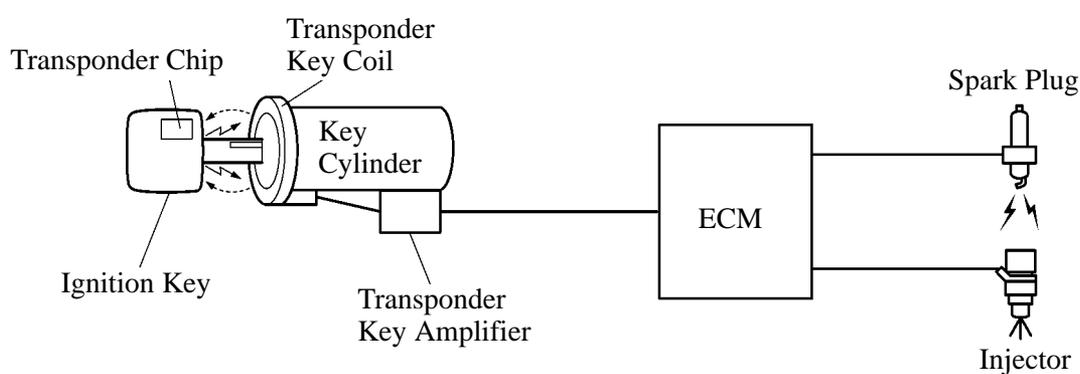
## ■ ENGINE IMMOBILISER SYSTEM

### 1. General

The engine immobiliser system is a theft-deterrent system which disables the engine from starting using the ignition key with an ID code that matches the pre-registered code in the vehicle.

This system adopts a transponder system which uses a transponder chip embedded in the grip of the ignition key. When the coil located around the ignition key cylinder receives the ID code signal transmitted by the transponder chip, the computer included in the ECM determines whether or not the ID code matches the code stored in the computer.

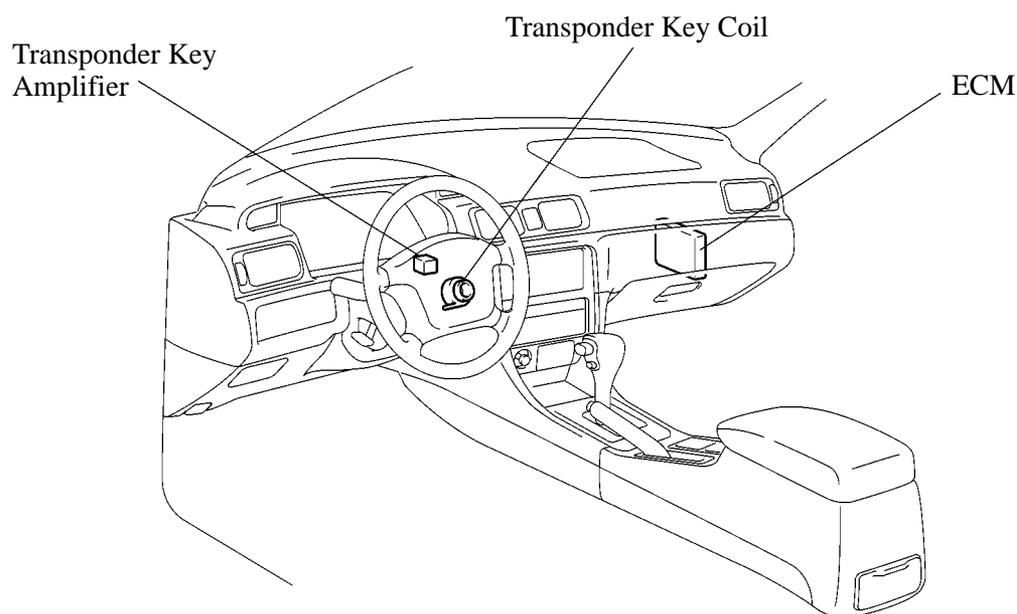
#### ► System Diagram ◀



150NF116

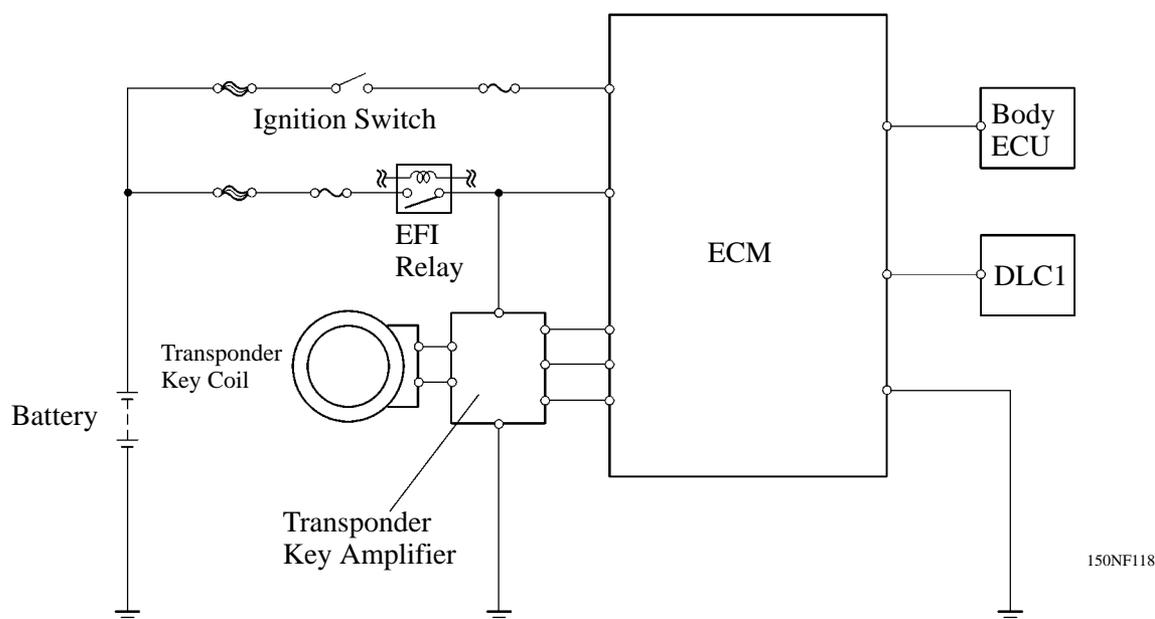
### 2. Layout of Components

The major function parts of the engine immobiliser system are shown below.



150NF117

### 3. Wiring Diagram

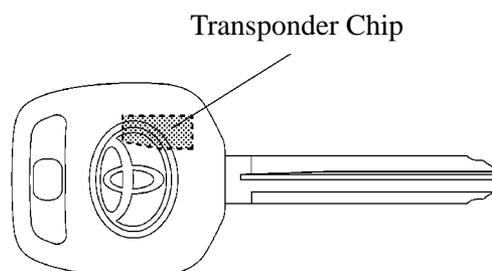


### 4. Construction

The engine immobiliser system consists of the transponder key (ignition key), transponder key coil, transponder key amplifier, and ECM.

#### Transponder Key (Ignition Key)

A transponder chip is embedded in the grip of the ignition key. Each transponder chip contains an individual transponder key-code (ID code). The key does not need an internal battery to transmit a key code.



#### Transponder Key Coil and Transponder Key Amplifier

The transponder key coil is a ring-shaped coil installed around the ignition key cylinder. The transponder key amplifier is installed in the back of the key cylinder.

An electrical power circuit to provide power to the transponder key coil has been enclosed in the amplifier.

#### ECM

The control circuit of the engine immobiliser system has been integrated inside the ECM. As a result, the time has been reduced taken for the engine to start in case of mismatching key code thus improving the system's theft deterrent performance.

A maximum of 10 different transponder key codes (master key: 7 types, sub key: 3 types) can be registered in the ECM.

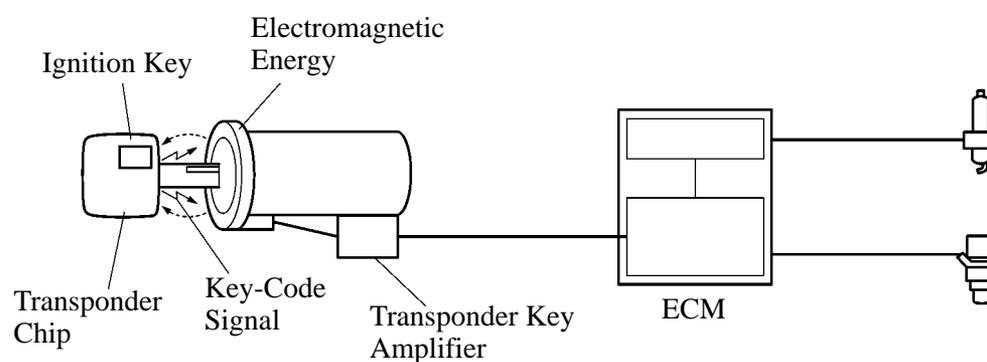
## 5. Operation

### Setting the Engine Immobiliser System

When the ignition key is removed from the key cylinder, the engine immobiliser system will be set.

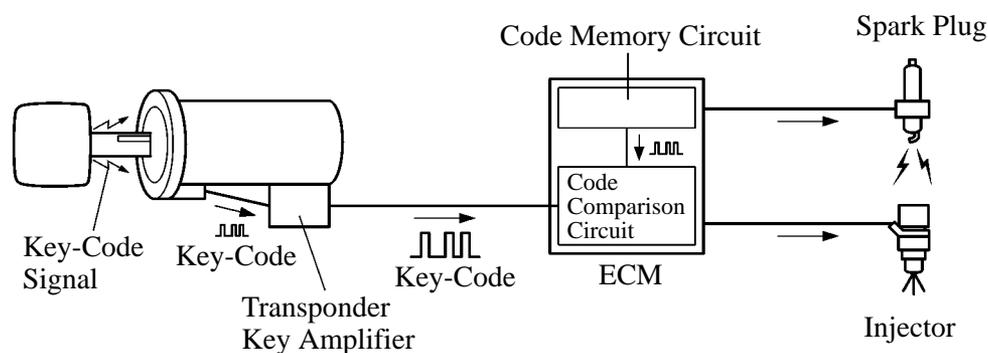
### Unsetting the Engine Immobiliser System

- ① When the ignition key is inserted in the key cylinder, the ECM instructs the transponder key coil to supply the electromagnetic energy that enables the transponder chip to transmit a key-code signal. The transponder chip then uses this electrical energy to transmit a key-code signal.



150NF120

- ② The key-code signal that has been received at the coil is amplified by the transponder key amplifier and sent to the ECM. The key-code that has been received by the ECM is then compared to the key-code that is stored in the ECM. The code comparison process takes place and if the codes match in a row, the ECM unsets the immobiliser system. As a result, the engine will be able to start.



150NF121

## 6. Functions

The engine immobiliser system provides the following functions:

### **Immobiliser Cancel Function**

The immobiliser system is cancelled when the following condition is met, thus permitting authorized operation of the engine:

- The ignition key has been inserted in the key cylinder (after the ECM reads the key code of the transponder chip and that code matches the pre-registered key code).

### **New Transponder Key Code Registration Function**

This function allows the registration of the key code of two master keys and a sub key to the new ECM. This function is used if the ECM is replaced with a new one.

### **Additional Transponder Key Code Registration Function**

This function enables the registration of the key code for a new master key or sub key, while retaining the key codes that are already registered. This function is used for the purpose of adding a new master or sub key. A maximum of 10 different transponder key codes (7 for master keys and 3 for sub keys) can be registered in the ECM.

### **Transponder Key Code Delete Function**

This function deletes all the transponder key codes that are registered in the ECM except for the key code of the master key that was used to execute the delete function.

For further details on transponder key code registration, addition, and deletion, see the 1998 Camry Repair Manual (Pub. No. RM589U).

## **Appendix**



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.)	4785 (188.4)	→	→	→	
		Width mm (in.)	1780 (70.1)	→	→	→	
		Height* 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)	→	→	→	
	Effective Head Room	Front mm (in.)	980 (38.6), 950 (37.4)*1	→	→	→	
		Rear mm (in.)	940 (37.0), 914 (36.0)*1	→	→	→	
	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.)	970 (38.2)	→	→	→	
		Rear mm (in.)	1140 (44.9)	→	→	→	
	Min. Running Ground Clearance	mm (in.)	130 (5.1)	→	→	→	
	Angle of Approach	degrees	16◀	→	→	→	
	Angle of Departure	degrees	16◀	→	→	→	
	Curb Weight	Front kg (lb)	810 (1786)	835 (1841)	865 (1907)*2, 870 (1918)*3	→	
		Rear kg (lb)	550 (1213)	545 (1202)	535 (1179)*2, 545 (1202)*3	540 (1191)*2, 550 (1213)*3	
		Total kg (lb)	1360 (2999)	1380 (3043)	1400 (3086)*2, 1415 (3120)*3	1405 (3098)*2, 1420 (3131)*3	
Gross Vehicle Weight	Front kg (lb)	995 (2195)	→	→	→		
	Rear kg (lb)	900 (1985)	→	→	→		
	Total kg (lb)	1895 (4180)	→	→	→		
Fuel Tank Capacity	ℓ (US.gal., Imp.gal)	70 (18.5, 15.4)	→	→	→		
Luggage Compartment Capacity	m <sup>3</sup> (cu.ft.)	0.399 (14.1)	→	→	→		
Performance	Max. Speed	km/h (mph)	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)	52 (32)	69 (43)	→	→	
		2nd Gear km/h (mph)	93 (58)	125 (78)	→	→	
		3rd Gear km/h (mph)	147 (91)	—	→	→	
		4th Gear km/h (mph)	—	—	→	→	
Turning Diameter (Outside Front)	Wall to Wall m (ft.)	115 (37.7)	→	→	→		
	Curb to Curb m (ft.)	11.0 (36.1)	→	→	→		
Engine	Engine Type		5S-FE	→	→	→	
	Valve Mechanism		16-Valve, DOHC	→	→	→	
	Bore x Stroke	mm (in.)	87.0 x 91.0 (3.43 x 3.58)	→	→	→	
	Displacement	cm <sup>3</sup> (cu.in.)	2164 (132.0)	→	→	→	
	Compression Ratio		9.5 : 1	→	→	→	
	Carburetor Type		SFI	→	→	→	
	Research Octane No.	RON	91	→	→	→	
	Max. Output (SAE-NET)	kW / rpm (HP@rpm)	99 / 5200(133@5200), 97 / 5200(130@5200)*4	→	→	→	
Max. Torque (SAE-NET)	N·m / rpm (lb-ft@rpm)	199 / 4400(147@4400), 197 / 4400(145@4400)*4	→	→	→		
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	→	→
		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	→	→	
	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"*2, 8" + 9"*3	→
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	→	→	→	

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

\*3: Produced by TMMK  
 \*4: California Specification Model  
 \*5: Without Cold Area Specification Model

		U.S.A.			Canada		
		4-Door Sedan					
		CE	LE	XLE	CE	LE	
		MCV20L-CEMDKA	MCV20L-A(C)EPNKA	MCV20L-A(C)EPGKA	SXV20L-CEMDKK	SXV20L-CPDKK	SXV20L-CEMNKK
5	→	→	→	→	→	→	→
	→	→	→	→	→	→	→
	1420 (55.9)	→	→	→	1415 (55.7)	→	→
10	→	→	→	→	→	→	→
	→	→	→	→	→	→	→
	→	→	→	→	→	→	→
	→	→	→	→	→	→	→
	→	→	→	→	→	→	→
	→	→	→	→	→	→	→
15	→	→	→	→	→	→	→
	→	→	→	→	→	→	→
	→	→	→	→	→	→	→
20	→	→	→	→	→	→	→
	→	→	→	→	→	→	→
	135 (5.3)	→	→	→	130 (5.1)	→	→
25	→	→	→	→	→	→	→
	→	→	→	→	→	→	→
	850 (1874)	915 (2017)* <sup>2</sup> , 920 (2028)* <sup>3</sup>	920 (2028)* <sup>2</sup> , 925 (2039)* <sup>3</sup>	810 (1786)	835 (1841)	845 (1863)	
	550 (1213)	540 (1191)* <sup>2</sup> , 550 (1213)* <sup>3</sup>	→	550 (1213)	545 (1202)	550 (1213)	
	1400 (3087)	1455 (3208)* <sup>2</sup> , 1470 (3241)* <sup>3</sup>	1460 (3219)* <sup>2</sup> , 1475 (3252)* <sup>3</sup>	1360 (2999)	1380 (3043)	1395 (3076)	
	1040 (2290)	→	→	995 (2195)	→	→	
30	→	→	→	→	→	→	
	→	→	→	→	→	→	
	1940 (4275)	→	→	1895 (4180)	→	→	
	→	→	→	→	→	→	
	→	→	→	→	→	→	
	→	→	→	→	→	→	
35	210 (130)	→	→	180 (112)	→	→	
	→	→	→	→	→	→	
	→	→	→	→	→	→	
	→	→	→	→	→	→	
	→	→	→	→	→	→	
	→	→	→	→	→	→	
40	57 (35)	70 (43)	→	52 (32)	69 (43)	52 (32)	
	97 (60)	127 (79)	→	93 (58)	125 (78)	93 (58)	
	148 (92)	→	→	147 (91)	→	147 (91)	
	→	→	→	→	→	→	
	11.9 (39.0)	→	→	11.5 (37.7)	→	→	
	11.4 (37.4)	→	→	11.0 (36.1)	→	→	
45	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 (132.0)	→	→	
	10.5 : 1	→	→	9.5 : 1	→	→	
	→	→	→	→	→	→	
50	91 or higher	→	→	91	→	→	
	145 / 5200 (194@5200)	145/5200(194@5200),143/5200(192@5200)* <sup>4</sup>	→	99 / 5200 (133@5200)	→	→	
	283 / 4400 (209@4400)	283 / 4400(209@4400),281 / 4400(207@4400)* <sup>4</sup>	→	199 / 4400 (147@4400)	→	→	
	→	→	→	12 – 55	→	→	
	→	→	→	→	→	→	
	→	→	→	→	→	→	
55	Dry, Single Plate	→	→	Dry, Single Plate	→	Dry, Single Plate	
	E153	A541E	→	S51	A140E	S51	
	3.230	2.810	→	3.538	2.810	3.538	
	1.913	1.549	→	1.960	1.549	1.960	
	1.258	1.000	→	1.250	1.000	1.250	
	0.918	0.735	→	0.945	0.706	0.945	
	0.731	→	→	0.731	→	→	
	3.545	2.296	→	3.153	2.296	3.153	
	→	0.945	→	→	0.945	→	
	3.933	→	→	3.944	→	→	
	→	→	→	→	→	→	
	Solid Disc	→	→	L.T. Drum	→	→	
65	→	→	→	→	→	→	
	Tandem 8" + 9"	Tandem 8.5" + 8.5"* <sup>2</sup> , 8" + 9"* <sup>3</sup>	→	Tandem 8" + 9"	→	→	
	→	→	→	→	→	→	
	→	→	→	→	→	→	
	→	→	→	→	→	→	
	→	→	→	→	→	→	
70	→	→	→	→	→	→	
	→	→	→	→	→	→	
	→	→	→	→	→	→	

Item		Area	Canada			
Body Type			4-Door Sedan			
Vehicle Grade			LE	CE	XLE	
Model Code			SXV20L-A(C)PNKK	MCV20L-CEPDKK	MCV20L-A(C)EPGKK	
Major Dimensions & Vehicle Weights	Overall	Length mm (in.)	4785 (188.4)	→	→	
		Width mm (in.)	1780 (70.1)	→	→	
		Height* mm (in.)	1415 (55.7)	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)*1	→	→	
		Rear mm (in.)	940 (37.0), 914 (36.0)*1	→	→	
	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.)	970 (38.2)	→	→	
		Rear mm (in.)	1140 (44.9)	→	→	
	Min. Running Ground Clearance	mm (in.)	130 (5.1)	135 (5.3)	→	
	Angle of Approach	degrees	16◀	→	→	
	Angle of Departure	degrees	16◀	→	→	
	Curb Weight	Front kg (lb)	865 (1907)*2, 870 (1918)*3	865 (1907)	920 (2028)*2, 925 (2039)*3	
		Rear kg (lb)	535 (1179)*2, 545 (1202)*3	550 (1213)	540 (1191)*2, 550 (1213)*3	
		Total kg (lb)	1400 (3086)*2, 1415 (3120)*3	1415 (3120)	1460 (3219)*2, 1475 (3252)*3	
Gross Vehicle Weight	Front kg (lb)	995 (2195)	1040 (2290)	→		
	Rear kg (lb)	900 (1985)	→	→		
	Total kg (lb)	1895 (4180)	1940 (4275)	→		
Fuel Tank Capacity	ℓ (US.gal., Imp.gal)	70 (18.5, 15.4)	→	→		
Luggage Compartment Capacity	m <sup>3</sup> (cu.ft.)	0.399 (14.1)	→	→		
Performance	Max. Speed	km/h (mph)	180 (112)	210 (130)	→	
	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)	69 (43)	70 (43)	→	
		2nd Gear km/h (mph)	125 (78)	127 (79)	→	
		3rd Gear km/h (mph)	—	—	→	
		4th Gear km/h (mph)	—	—	→	
Turning Diameter (Outside Front)	Wall to Wall m (ft.)	11.5 (37.7)	11.9 (39.0)	→		
	Curb to Curb m (ft.)	11.0 (36.1)	11.4 (37.4)	→		
Engine	Engine Type		5S-FE	1MZ-FE	→	
	Valve Mechanism		16-Valve, DOHC	24-Valve, DOHC	→	
	Bore x Stroke	mm (in.)	87.0 x 91.0 (3.43 x 3.58)	87.5 x 83.0 (3.44 x 3.27)	→	
	Displacement	cm <sup>3</sup> (cu.in.)	2164 (132.0)	2995 (182.7)	→	
	Compression Ratio		9.5 : 1	10.5 : 1	→	
	Carburetor Type		SFI	→	→	
	Research Octane No.	RON	91	91 or higher	→	
	Max. Output (SAE-NET)	kW / rpm (HP@rpm)	99 / 5200 (133@5200)	145 / 5200 (194@5200)	→	
Max. Torque (SAE-NET)	N·m / rpm (lb-ft@rpm)	199 / 4400 (147@4400)	283 / 4400 (209@4400)	→		
Engine Electrical	Battery Capacity (5HR)	Voltage & Amp. hr.	12 - 55	→	→	
	Generator Output	Watts	960	→	→	
	Starter Output	kW	1.4	→	→	
Chassis	Clutch Type		—	—	→	
	Transaxle Type		A140E	A541E	→	
	Transmission Gear Ratio	In First		2.810	→	→
		In Second		1.549	→	→
		In Third		1.000	→	→
		In Fourth		0.706	0.735	→
		In Fifth		—	—	→
		In Reverse		2.296	→	→
	Counter Gear Ratio		0.945	→	→	
	Differential Gear Ratio (Final)		3.944	3.933	→	
	Brake Type	Front		Ventilated Disc	→	→
		Rear		L.T. Drum	Solid Disc	→
	Parking Brake Type			Drum	→	→
	Brake Booster Type and Size	in.	Tandem 8.5" + 8.5"*2, 8" + 9"*3	Tandem 8" + 9"	Tandem 8.5" + 8.5"*2, 8" + 9"*3	
	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	→	→	

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



Item		Area		U.S.A.			
				2-Door Liftback (Standard Roof)	2-Door Liftback (Sport Roof)	2-Door Liftback (Standard Roof)	2-Door Liftback (Sport Roof)
Body Type		—					
Vehicle Grade		—					
Model Code		JZA80L-ALPVFA	JZA80L-AJPVFA	JZA80L-ALFVZA	JZA80L-AJFVZA		
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4515 (177.8)	→	→	→
		Width	mm (in.)	1810 (71.3)	→	→	→
		Height*	mm (in.)	1275 (50.2)	→	→	→
	Wheel Base	mm (in.)	2550 (100.4)	→	→	→	
	Tread	Front	mm (in.)	1520 (59.8)	→	→	→
		Rear	mm (in.)	1525 (60.0)	→	→	→
	Effective Head Room	Front	mm (in.)	953.2 (37.5)	946.8 (37.3)	953.2 (37.5)	946.8 (37.3)
		Rear	mm (in.)	834.5 (32.9)	→	→	→
	Effective Leg Room	Front	mm (in.)	1117.0 (44.0)	→	→	→
		Rear	mm (in.)	605.1 (23.8)	→	→	→
	Shoulder Room	Front	mm (in.)	1376.3 (54.2)	→	→	→
		Rear	mm (in.)	1113.2 (43.8)	→	→	→
	Overhang	Front	mm (in.)	950 (37.4)	→	→	→
		Rear	mm (in.)	1015 (40.0)	→	→	→
	Min. Running Ground Clearance	mm (in.)	120 (4.7)	→	→	→	
	Angle of Approach	degrees	13	→	→	→	
	Angle of Departure	degrees	17	→	→	→	
	Curb Weight	Front	kg (lb)	778 (1715)	789 (1740)	855 (1885)	866 (1910)
		Rear	kg (lb)	703 (1550)	719 (1585)	708 (1560)	723 (1595)
		Total	kg (lb)	1481 (3265)	1508 (3325)	1563 (3445)	1589 (3505)
Gross Vehicle Weight	Front	kg (lb)	937 (2065)	→	→	→	
	Rear	kg (lb)	1002 (2210)	→	→	→	
	Total	kg (lb)	1939 (4275)	→	→	→	
Fuel Tank Capacity	ℓ (US gal, Imp. gal)	70 (18.5, 15.4)	→	→	→		
Luggage Compartment Capacity	cu.ft. (m <sup>3</sup> )	—	—	—	—		
Performance	Max. Speed	km/h (mph)	240 (149)	→	250 (155)	→	
	Max. Cruising Speed	km/h (mph)	193 (120)	→	200 (125)	→	
	Acceleration	0 to 100 km/h	sec.	7.3	→	5.1	5.1
		0 to 400 m	sec.	15.6	→	13.5	13.5
	Max. Permissible Speed	1st Gear	km/h (mph)	58 (36)	→	60 (37)	→
		2nd Gear	km/h (mph)	105 (65)	→	97 (60)	→
		3rd Gear	km/h (mph)	—	→	136 (85)	→
4th Gear		km/h (mph)	—	→	175 (109)	→	
Turning Diameter (Outside Front)	Wall to Wall	m (ft.)	11.5 (38)	→	→	→	
	Curb to Curb	m (ft.)	10.9 (36)	→	→	→	
Engine	Engine Type		2JZ-GE	→	2JZ-GTE	→	
	Valve Mechanism		24-Valve, DOHC	→	→	→	
	Bore x Stroke	mm (in.)	86.0 x 86.0 (3.39 x 3.39)	→	→	→	
	Displacement	cm <sup>3</sup> (cu.in.)	2997 (182.9)	→	→	→	
	Compression Ratio		10.5 : 1	→	8.5 : 1	→	
	Carburetor Type		SFI	→	→	→	
	Research Octane No.	RON	96	→	→	→	
	Max. Output (SAE-NET)	kW / rpm (HP@rpm)	168 / 6000 (225@6000)	→	239 / 5600 (320@5600)	→	
	Max. Torque (SAE-NET)	N·m / rpm (lb-ft@rpm)	298 / 4000 (220@4000)	→	427 / 4000 (315@4000)	→	
Engine Electrical	Battery Capacity (5HR)	Voltage & Amp. hr.	12 – 55	→	12 – 52	→	
	Generator Output	Watts	960	→	1080	→	
	Starter Output	kW	1.4	→	→	→	
Chassis	Clutch Type		—	→	Dry, Single Plate	→	
	Transmission Type		A340E	→	V160	→	
	Transmission Gear Ratio	In First		2.804	→	3.827	→
		In Second		1.531	→	2.360	→
		In Third		1.000	→	1.685	→
		In Fourth		0.705	→	1.312	→
		In Fifth		—	→	1.000	→
		In Sixth		—	→	0.793	→
	In Reverse		2.393	→	3.280	→	
	Differential Gear Ratio		4.083	→	3.133	→	
	Differential Gear Size	mm (in.)	205 (8.07)	→	222 (8.74)	→	
	Brake Type	Front		Ventilated Disc	→	→	→
		Rear		Ventilated Disc	→	→	→
	Parking Brake Type		Dual-Servo	→	→	→	
	Brake Booster Type and Size	in.	Tandem 8" + 9"	→	→	→	
	Proportioning Valve Type		P & B Valve	→	→	→	
	Suspension Type	Front		Double Wishbone	→	→	→
Rear			Double Wishbone	→	→	→	
Stabilizer Bar	Front		STD	→	→	→	
	Rear		STD	→	→	→	
Steering Gear Type		Rack & Pinion	→	→	→		
Steering Gear Ratio (Overall)		17.5 : 1	→	→	→		
Power Steering Type		Integral Type	→	→	→		

\*: Unladen Vehicle

	U.S.A.
	2-Door Liftback (Sport Roof)
	—
	JZA80L-AJPVZA
5	→
	→
	→
	→
	→
10	→
	→
	→
	→
15	→
	→
	→
	→
20	→
	→
	871 (1920)
	→
	1594 (3515)
25	→
	→
	→
	→
	—
30	→
	→
	5.8
	14.1
	66 (41)
35	121 (75)
	—
	—
	→
	→
40	→
	→
	→
	→
	→
45	→
	→
	→
	→
	12 – 55
50	1200
	→
	—
	A340E
	2,804
55	1,531
	1,000
	0.705
	—
	—
60	2,393
	3,769
	205 (8.07)
	→
	→
65	→
	→
	→
	→
	→
70	→
	→
	→
	→
	→



Item		Area	U.S.A.				
Body Type			4-Door Sedan				
Vehicle Grade			XL		XLS		
Model Code			MCX10L-AEPNKA	MCX10L-AESNKA	MCX10L-AEPGKA	MCX10L-AESGKA	
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4875 (191.9)	→	→	→
		Width	mm (in.)	1790 (70.5)	→	→	→
		Height*	mm (in.)	1440 (56.7)	→	→	→
	Wheel Base		mm (in.)	2720 (107.1)	→	→	→
	Tread	Front	mm (in.)	1550 (61.0)	→	→	→
		Rear	mm (in.)	1525 (60.0)	→	→	→
	Effective Head Room	Front	mm (in.)	992.7 (39.1)	→	→	→
		Rear	mm (in.)	959.3 (37.8)	→	→	→
	Effective Leg Room	Front	mm (in.)	1120.8 (44.1)	→	→	→
		Rear	mm (in.)	972.8 (38.3)	→	→	→
	Shoulder Room	Front	mm (in.)	1466 (57.7)	→	→	→
		Rear	mm (in.)	1456 (57.3)	→	→	→
	Overhang	Front	mm (in.)	985 (38.8)	→	→	→
		Rear	mm (in.)	1170 (46.1)	→	→	→
	Min. Running Ground Clearance		mm (in.)	130 (5.1)	→	→	→
	Angle of Approach		degrees	17◀	→	→	→
	Angle of Departure		degrees	15◀	→	→	→
	Curb Weight	Front	kg (lb)	955 (2105)	→	→	→
		Rear	kg (lb)	600 (1325)	→	→	→
		Total	kg (lb)	1555 (3430)	→	→	→
Gross Vehicle Weight Rating	Front	kg (lb)	1105 (2435)	→	→	→	
	Rear	kg (lb)	960 (2115)	→	→	→	
	Total	kg (lb)	2065 (4450)	→	→	→	
Fuel Tank Capacity		ℓ (U.S.gal., Imp.gal)	70 (18.5, 15.4)	→	→	→	
Luggage Compartment Capacity		m <sup>3</sup> (cu.ft.)	—	→	→	→	
Performance	Max. Speed		km/h (mph)	—	→	→	
	Max. Cruising Speed		km/h (mph)	170 (106)	→	→	
	Acceleration	0 to 100 km/h	sec.	—	→	→	
		0 to 400 m	sec.	—	→	→	
	Max. Permissible Speed	1st Gear	km/h (mph)	68 (42)	→	→	
		2nd Gear	km/h (mph)	126 (78)	→	→	
		3rd Gear	km/h (mph)	—	→	→	
4th Gear		km/h (mph)	—	→	→		
Turning Diameter (Outside Front)	Wall to Wall	m (ft.)	12.2 (39.9)	→	→		
	Curb to Curb	m (ft.)	11.5 (37.6)	→	→		
Engine	Engine Type		1MZ-FE	→	→		
	Valve Mechanism		24-Valve, DOHC	→	→		
	Bore x Stroke	mm (in.)	87.5 x 83.0 (3.44 x 3.27)	→	→		
	Displacement	cm <sup>3</sup> (cu.in.)	2995 (182.7)	→	→		
	Compression Ratio		10.5 : 1	→	→		
	Carburetor Type		SFI	→	→		
	Research Octane No.	RON	91 or higher	→	→		
	Max. Output (SAE-NET)	kW / rpm (HP@rpm)	149 / 5200(200@5200),148 / 5200(198@5200)*1	→	→		
Max. Torque (SAE-NET)	N·m / rpm (lb-ft@rpm)	290 / 4400(214@4400),287 / 4400(212@4400)*2	→	→			
Engine Electrical	Battery Capacity (5HR)	Voltage & Amp. hr.	12 – 55, 12 – 48*2	→	→		
	Generator Output	Watts	960, 1200*1	→	→		
	Starter Output	kW	1.4	→	→		
Chassis	Clutch Type		—	→	→		
	Transmission Type		A541E	→	→		
	Transmission Gear Ratio	In First		2.810	→	→	
		In Second		1.549	→	→	
		In Third		1.000	→	→	
		In Fourth		0.735	→	→	
		In Fifth		—	→	→	
	Counter Gear Ratio			2.296	→	→	
	Differential Gear Ratio (Final)			0.945	→	→	
	Transfer and Rear Differential Gear Ratio			3.625	→	→	
	Rear Differential Gear Size	in.		—	→	→	
	Brake Type	Front		Ventilated Disc	→	→	
		Rear		Solid Disc	→	→	
	Parking Brake Type			Drum	→	→	
	Brake Booster Type and Size	in.		Tandem 8" + 9"	→	→	
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	→	→		
Power Steering Type			Integral Type	→	→		

\*: Unladen Vehicle  
 \*1: California Specification Model  
 \*2: Without Cold Area Specification Model

Canada			
4-Door Sedan			
	XL	XLS	
	MCX10L-AEPNKK	MCX10L-AEPGKK	MCX10L-AESGKK
5	→	→	→
	→	→	→
	→	→	→
	→	→	→
	→	→	→
10	→	→	→
	→	→	→
	→	→	→
	→	→	→
	→	→	→
15	→	→	→
	→	→	→
	→	→	→
	→	→	→
20	→	→	→
	→	→	→
	960 (2115)	→	→
	→	→	→
	1560 (3430)	→	→
25	→	→	→
	→	→	→
	→	→	→
	→	→	→
30	→	→	→
	→	→	→
	→	→	→
	→	→	→
35	→	→	→
	→	→	→
	→	→	→
	→	→	→
40	→	→	→
	→	→	→
	→	→	→
	→	→	→
	→	→	→
45	→	→	→
	→	→	→
	149 / 5200 (200@5200)	→	→
	290 / 4400 (214@4400)	→	→
	12 – 55	→	→
50	960	→	→
	→	→	→
	→	→	→
	→	→	→
55	→	→	→
	→	→	→
	→	→	→
	→	→	→
	→	→	→
60	→	→	→
	→	→	→
	→	→	→
	→	→	→
65	→	→	→
	→	→	→
	→	→	→
	→	→	→
70	→	→	→
	→	→	→
	→	→	→
	→	→	→
75	→	→	→



Item		Area	U.S.A.				
Body Type			4-Door Wagon		5-Door Wagon		
Vehicle Grade			CE	LE or XLE	CE	LE or XLE	
Model Code			MCL10L-GFSDKA	MCL10L-GFSGKA	MCL10L-PFSDKA	MCL10L-PFSGKA	
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4915 (193.5)	→	→	→
		Width	mm (in.)	1865 (73.4)	→	→	→
		Height*	mm (in.)	1710 (67.3)	→	→	→
	Wheel Base	mm (in.)	2900 (114.2)	→	→	→	
	Tread	Front	mm (in.)	1565 (61.6)	→	→	→
		Rear	mm (in.)	1610 (63.4)	→	→	→
	Effective Head Room	Front	mm (in.)	1032 (40.6)	→	→	→
		Rear	mm (in.)	1023 (40.3)	1034 (40.7)*1, 1013 (39.9)*2	1034 (40.7)	1034 (40.7)*1, 1001 (39.4)*2
	Effective Leg Room	Front	mm (in.)	1066 (42.0)	→	→	→
		Rear	mm (in.)	926 (36.5)	926 (36.5)*1, 932 (36.7)*2	926 (36.5)	926 (36.5)*1, 932 (36.7)*2
	Shoulder Room	Front	mm (in.)	1535 (60.4)	→	→	→
		Rear	mm (in.)	1574 (62.0)	→	1578 (62.1)	→
	Cargo Space	Length	mm (in.)	1345 (53.0)	1345 (53.0)*1, 1378 (54.3)*2	1345 (53.0)	1345 (53.0)*1, 1378 (54.3)*2
		Width	mm (in.)	1240 (48.8)	→	→	→
		Height	mm (in.)	1044 (41.1)	→	→	→
	Overhang	Front	mm (in.)	955 (37.6)	→	→	→
		Rear	mm (in.)	1060 (41.7)	→	→	→
	Min. Running Ground Clearance	mm (in.)	150 (5.9)	→	→	→	
	Angle of Approach	degrees	17◀	→	→	→	
	Angle of Departure	degrees	17◀	→	→	→	
Curb Weight	Front	kg (lb)	1000 (2205)	1025 (2260)	→	1030 (2271)	
	Rear	kg (lb)	705 (1554)	710 (1565)	735 (1620)	→	
	Total	kg (lb)	1705 (3759)	1735 (3825)	1760 (3880)	1765 (3891)	
Gross Vehicle Weight	Front	kg (lb)	—	—	—	—	
	Rear	kg (lb)	—	—	—	—	
	Total	kg (lb)	2380 (5247)	→	→	→	
Fuel Tank Capacity	ℓ (US.gal, Imp.gal)	79 (20.9, 17.4)	→	→	→		
Luggage Compartment Capacity	m <sup>3</sup> (cu.ft.)	—	→	→	→		
Performance	Max. Speed	km/h (mph)	170 (105)	→	→	→	
	Max. Cruising Speed	km/h (mph)	170 (105)	→	→	→	
	Max. Permissible Speed	1st Gear	km/h (mph)	64 (40)	→	→	→
		2nd Gear	km/h (mph)	120 (74)	→	→	→
		3rd Gear	km/h (mph)	—	→	→	→
		4th Gear	km/h (mph)	—	→	→	→
Turning Diameter (Outside Front)	Wall to Wall	m (ft.)	—	→	→	→	
	Curb to Curb	m (ft.)	12.2	→	→	→	
Engine	Engine Type		1MZ-FE	→	→	→	
	Valve Mechanism		24-Valve DOHC	→	→	→	
	Bore x Stroke	mm (in.)	87.5 x 83.0 (3.44 x 3.27)	→	→	→	
	Displacement	cm <sup>3</sup> (cu.in.)	2995 (182.8)	→	→	→	
	Compression Ratio		10.5 : 1	→	→	→	
	Carburetor Type		SFI	→	→	→	
	Research Octane No.	RON	91 or Higher	→	→	→	
	Max. Output (SAE-NET)	kW / rpm (HP@rpm)	145 / 5200 (194@5200)	→	→	→	
Max. Torque (SAE-NET)	N·m / rpm (lb-ft@rpm)	283 / 4400 (209@4400)	→	→	→		
Engine Electrical	Battery Capacity (5HR)	Voltage & Amp. hr.	12-52	→	→	→	
	Generator Output	Watts	1200	→	→	→	
	Starter Output	kW	1.4	→	→	→	
Chassis	Clutch Type		—	→	→	→	
	Transaxle Type		A540E	→	→	→	
	Transmission Gear Ratio	In First		2.810	→	→	→
		In Second		1.549	→	→	→
		In Third		1.000	→	→	→
		In Fourth		0.734	→	→	→
		In Fifth		—	→	→	→
	In Reverse		2.296	→	→	→	
	Counter Gear Ratio		1.027	→	→	→	
	Differential Gear Ratio (Final)		3.625	→	→	→	
	Brake Type	Front		Ventilated Disc	→	→	→
		Rear		Leading-Trailing Drum	→	→	→
	Parking Brake Type		Drum	→	→	→	
	Brake Booster Type and Size	in.	Tandem, 8" + 9"	→	→	→	
	Proportioning Valve Type		Dual-P Valve	→	→	→	
Suspension Type	Front		MacPherson Strut	→	→	→	
	Rear		Torsion Beam	→	→	→	
Stabilizer Bar	Front		STD	→	→	→	
	Rear		—	→	→	→	
Steering Gear Type		Rack and Pinion	→	→	→		
Steering Gear Ratio (Overall)		17.4	→	→	→		
Power Steering Type		Integral Type	→	→	→		

\*: Unladen Vehicle  
 \*1: Bench Seat  
 \*2: Captain Seat

Canada				
4-Door Wagon		5-Door Wagon		
CE	LE or XLE	CE	LE or XLE	
MCL10L-GFSDKK	MCL10L-GFSGKK	MCL10L-PFSDKK	MCL10L-PFSGKK	
5	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→
10	→	→	→	→
	→	→	→	→
	1023 (40.3)	1034 (40.7)*1, 1013 (39.9)*2	1034 (40.7)	1034 (40.7)*1, 1001 (39.4)*2
	→	→	→	→
	926 (36.5)	926 (36.5)*1, 932 (36.7)*2	926 (36.5)	926 (36.5)*1, 932 (36.7)*2
15	→	→	→	→
	1574 (62.0)	→	1578 (62.1)	→
	1345 (53.0)	1345 (53.0)*1, 1378 (54.3)*2	1345 (53.0)	1345 (53.0)*1, 1378 (54.3)*2
	→	→	→	→
	→	→	→	→
20	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→
25	1000 (2205)	1025 (2260)	→	1030 (2271)
	705 (1554)	710 (1565)	735 (1620)	→
	1705 (3759)	1735 (3825)	1760 (3880)	1765 (3891)
	→	→	→	→
	→	→	→	→
30	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→
35	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→
40	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→
45	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→
50	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→
55	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→
60	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→
65	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→
70	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→
	→	→	→	→



Item		Area		U.S.A. & Canada			
				2-Door Wagon		4-Door Wagon	
Body Type							
Vehicle Grade							
Model Code		SXA10L-AZMGKA		SXA11L-AWMGKA		SXA11L-AWPGKA	
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	3750 (147.6), 3765 (148.2)*1	4160 (163.8), 4175 (164.4)*1	→	3750 (147.6)
		Width	mm (in.)	1695 (66.7), 1760 (69.3)*1	→	→	1695 (66.7)
		Height*	mm (in.)	1655 (65.2), 1635 (64.4)*1	1660 (65.4), 1640 (64.6)*1	→	1645 (64.8)
	Wheel Base	mm (in.)	2200 (86.1)		2410 (94.9)	→	2200 (86.1)
	Tread	Front	mm (in.)	1460 (57.5), 1480 (58.3)*1	→	→	1460 (57.5)
		Rear	mm (in.)	1465 (57.7), 1490 (58.7)*1	→	→	1470 (57.9)
	Effective Head Room	Front	mm (in.)	1015 (40.0), 948 (37.3)*2	1024 (40.3), 993 (39.1)*2	→	1015 (40.0), 948 (37.3)*2
		Rear	mm (in.)	980 (38.6), 938 (36.9)*2	990 (39.0), 950 (37.4)*2	→	980 (38.6), 938 (36.9)*2
	Effective Leg Room	Front	mm (in.)	1003 (39.5)	→	→	→
		Rear	mm (in.)	862 (33.9)	→	→	→
	Shoulder Room	Front	mm (in.)	1354 (53.3)	1349 (53.1)	→	1354 (53.3)
		Rear	mm (in.)	1276 (50.2)	1350 (53.1)	→	1276 (50.2)
	Overhang	Front	mm (in.)	745 (29.3)	→	→	→
		Rear	mm (in.)	805 (31.7), 820 (32.3)*1	1005 (39.6), 1020 (40.2)*1	→	805 (31.7)
	Min. Running Ground Clearance	mm (in.)	195 (7.7), 175 (6.9)*1	190 (7.5), 170 (6.7)*1	→	→	185 (7.3)
	Angle of Approach	degrees	37◀34◀1	→	→	→	36◀
	Angle of Departure	degrees	41◀38◀1	28◀27◀1	→	→	40◀
	Curb Weight	Front	kg (lb)	735 (1620)	750 (1653)	780 (1720)	695 (1532)
		Rear	kg (lb)	490 (1080)	540 (1190)	→	450 (992)
		Total	kg (lb)	1225 (2700)	1290 (2843)	1320 (2910)	1145 (2524)
Gross Vehicle Weight	Front	kg (lb)	→	→	→	→	
	Rear	kg (lb)	→	→	→	→	
	Total	kg (lb)	1655 (3649)	1790 (3946)	→	1610 (3549)	
Fuel Tank Capacity	ℓ (US.gal., Imp.gal)	58 (15.3, 12.8)	→	→	→		
Luggage Compartment Capacity	m <sup>3</sup> (cu.ft.)	→	→	→	→		
Performance	Max. Speed	km/h (mph)	170 (106)	→	165 (103)	175 (109)	
	Max. Cruising Speed	km/h (mph)	135 (84)	→	130 (81)	140 (87)	
	Acceleration	0 to 100 km/h	sec.	10.2, 10.4*1	10.7, 10.9*1	12.1, 12.3*1	9.2
		0 to 400 m	sec.	17.5, 17.6*1	17.7, 17.9*1	18.8, 19.0*1	17.0
	Max. Permissible Speed	1st Gear	km/h (mph)	44 (27), 43 (26)*1	→	67 (42), 65 (40)*1	47 (29)
		2nd Gear	km/h (mph)	88 (55), 86 (53)*1	→	121 (75), 118 (73)*1	95 (59)
		3rd Gear	km/h (mph)	133 (83), 129 (80)*1	→	→	144 (89)
		4th Gear	km/h (mph)	→	→	→	→
Turning Diameter (Outside Front)	Wall to Wall	m (ft.)	10.6 (34.8)	11.4 (37.4)	→	10.6 (34.8)	
	Curb to Curb	m (ft.)	10.2 (33.5)	11.0 (36.1)	→	10.2 (33.5)	
Engine	Engine Type		3S-FE	→	→	→	
	Valve Mechanism		16-Valve, DOHC	→	→	→	
	Bore x Stroke	mm (in.)	86.0 x 86.0 (3.39 x 3.39)	→	→	→	
	Displacement	cm <sup>3</sup> (cu.in.)	1998 (121.9)	→	→	→	
	Compression Ratio		9.5 : 1	→	→	→	
	Carburetor Type		SFI	→	→	→	
	Research Octane No.	RON	91	→	→	→	
	Max. Output (SAE-NET)	kW / rpm (HP@rpm)	95 / 5400(127@5400), 93 / 5400(125@5400)*3	→	→	→	
Max. Torque (SAE-NET)	N·m / rpm (lb-ft@rpm)	179 / 4600(132@4600), 176 / 4600(130@4600)*3	→	→	→		
Engine Electrical	Battery Capacity (5HR)	Voltage & Amp. hr.	12 – 36, 48*4	→	→	→	
	Generator Output	Watts	960	→	→	→	
	Starter Output	kW	1.2, 1.4*4	→	→	→	
Chassis	Clutch Type		Dry, Single Plate, Diaphragm	→	→	Dry, Single Plate, Diaphragm	
	Transaxle Type		E250F	→	A540H	E250	
	Transmission Gear Ratio	In First		3.833	→	2.810	3.833
		In Second		1.913	→	1.549	1.913
		In Third		1.258	→	1.000	1.258
		In Fourth		0.918	→	0.734	0.918
		In Fifth		0.775	→	→	0.775
	In Reverse		3.583	→	2.296	3.583	
	Counter Gear Ratio		→	→	1.027	→	
	Differential Gear Ratio (Final)		4.933	→	4.285	4.562	
	Transfer and Rear Differential Gear Ratio		2.928	→	→	→	
	Rear Differential Gear Size	in.	6.7"	→	→	→	
	Brake Type	Front		Ventilated Disc	→	→	→
		Rear		Leading-Trailing	→	→	→
	Parking Brake Type		Drum	→	→	→	
	Brake Booster Type and Size	in.	Single, 10"	→	→	→	
	Proportioning Valve Type		Dual-P Valve	→	→	→	
Suspension Type	Front		MacPherson Strut	→	→	→	
	Rear		Double Wishbone	→	→	→	
Stabilizer Bar	Front		STD	→	→	→	
	Rear		→	→	→		
Steering Gear Type		Rack & Pinion	→	→	→		
Steering Gear Ratio (Overall)		17.7 : 1	→	→	→		
Power Steering Type		Integral Type	→	→	→		

\*: Unladen Vehicle  
\*1: With 235/60R16 Tire

\*2: With Moon Roof  
\*3: California Specification Model

\*4: Option



► TOYOTA TACOMA

Item		Area	U.S.A. & Canada				
Body Type			Regular Cab (2WD)		Extra Cab (2WD)		
Vehicle Grade			DLX				
Model Code			RZN140L-TRMDKAB	RZN140L-TRSDKAB	RZN150L-CRMDKAB	RZN150L-CRSDKAB	
Major Dimensions & Vehicle Weights	Overall	Length mm (in.)	4540 (178.7)	→	5010 (197.2)	→	
		Width mm (in.)	1690 (66.5)	→	→	→	
		Height* mm (in.)	1575 (62.0), 1580 (62.2)*1	→	1580 (62.0)	→	
	Wheel Base	mm (in.)	2625 (103.4)	→	3095 (121.9)	→	
	Tread	Front mm (in.)	1395 (54.9), 1425 (56.1)*1	→	1425 (56.1)	→	
		Rear mm (in.)	1415 (55.7), 1440 (56.7)*1	→	1440 (56.7)	→	
	Effective Head Room	Front mm (in.)	980 (38.6)*8, 979 (38.5)*9	→	984 (38.7), 975 (38.4)*10	→	
		Rear mm (in.)	—	→	898 (35.4)	→	
	Effective Leg Room	Front mm (in.)	1059 (41.7)	→	1088 (42.8)	→	
		Rear mm (in.)	—	→	690 (27.2)	→	
	Shoulder Room	Front mm (in.)	1375 (54.1)	→	→	→	
		Rear mm (in.)	—	→	1355 (53.3)	→	
	Cargo Space	Length mm (in.)	—	→	→	→	
		Width mm (in.)	—	→	→	→	
		Height mm (in.)	—	→	→	→	
	Overhang	Front mm (in.)	820 (32.3)	→	→	→	
		Rear mm (in.)	1095 (43.1)	→	→	→	
	Min. Running Ground Clearance	mm (in.)	170 (6.7), 175 (6.9)*1	→	160 (6.3)	→	
	Angle of Approach	degrees	21◀	→	22◀	→	
	Angle of Departure	degrees	25◀18◀2	→	→	→	
Curb Weight	Front kg (lb)	669 (1475)	678 (1495)	717 (1580)	726 (1600)		
	Rear kg (lb)	501 (1105)	→	535 (1180)	→		
	Total kg (lb)	1170 (2580)	1179 (2600)	1252 (2760)	1261 (2780)		
Gross Vehicle Weight	Front kg (lb)	—	→	→	→		
	Rear kg (lb)	—	→	→	→		
	Total kg (lb)	1925 (4244)	→	2040 (4497)	→		
Fuel Tank Capacity	ℓ (US.gal., Imp.gal.)	57 (14.8, 12.3)	→	→	→		
Luggage Compartment Capacity	m <sup>3</sup> (cu.ft.)	—	→	→	→		
Performance	Max. Speed	km/h (mph)	165 (103)	→	→	→	
	Max. Cruising Speed	km/h (mph)	—	→	→	→	
	Max. Permissible Speed	1st Gear km/h (mph)	48 (30)	72 (45)	48 (30)	74 (46)	
		2nd Gear km/h (mph)	89 (55)	124 (77)	89 (55)	126 (78)	
		3rd Gear km/h (mph)	137 (85)	165 (103)	138 (86)	165 (103)	
		4th Gear km/h (mph)	165 (103)	→	165 (103)	→	
Turning Diameter (Outside Front)	Wall to Wall m (ft.)	11.5 (37.3)	→	13.2 (43.3)	→		
	Curb to Curb m (ft.)	10.8 (35.4)	→	12.6 (41.3)	→		
Engine	Engine Type		2RZ-FE	→	→	→	
	Valve Mechanism		16-Valve DOHC	→	→	→	
	Bore x Stroke	mm (in.)	95.0 x 86.0 (3.74 x 3.39)	→	→	→	
	Displacement	cm <sup>3</sup> (cu.in.)	2438 (148.8)	→	→	→	
	Compression Ratio		9.5	→	→	→	
	Carburetor Type		SFI	→	→	→	
	Research Octane No.	RON	91	→	→	→	
	Max. Output (SAE-NET)	kW / rpm (HP @ rpm)	106 / 5000 (142 @ 5000)	→	→	→	
Max. Torque (SAE-NET)	N·m / rpm (lb-ft @ rpm)	217 / 4000 (160 @ 4000)	→	→	→		
Engine Electrical	Battery Capacity (5HR)	Voltage & Amp. hr.	12 - 48, 55*3	→	→	→	
	Generator Output	Watts	840	→	→	→	
	Starter Output	kW	1.4	→	→	→	
Chassis	Clutch Type		Dry, Single Plate	→	Dry, Single Plate	→	
	Transmission Type		W59	A43D	W59	A43D	
	Transmission Gear Ratio	In First		3.954	2.452	3.954	2.452
		In Second		2.141	1.452	2.141	1.451
		In Third		1.384	1.000	1.384	1.000
		In Fourth		1.000	0.688	1.000	0.688
		In Fifth		0.810	→	0.810	→
		In Reverse		4.091	2.212	4.091	2.212
	Transfer Gear Ratio H4 / L4		→	→	→	→	
	Differential Gear Ratio (Front / Rear)		→ / 3.416	→ / 3.583	→ / 3.416	→ / 3.583	
	Differential Gear Size (Front / Rear)	in.	→ / 7.5"	→	→	→	
	Brake Type	Front		Ventilated Disk	→	→	→
		Rear		L.T. Drum	→	→	→
	Parking Brake Type			L.T. Drum	→	→	→
	Brake Booster Type and Size	in.		Tandem 7" + 8", 8" + 9"*4	→	→	→
	Proportioning Valve Type			LSP & BV	→	→	→
	Suspension Type	Front		Double Wishbone, Coil	→	→	→
Rear			Rigid Leaf	→	→	→	
Stabilizer Bar	Front		STD	→	→	→	
	Rear		→	→	→	→	
Steering Gear Type			Rack & Pinion	→	→	→	
Steering Gear Ratio (Overall)			22.3, 20.4*5	→	→	→	
Power Steering Type			Integral Type	→	→	→	

\*: Unladen Vehicle  
 \*1: With P215 / 70 14 Tire  
 \*2: With Rear Bumper

\*3: Option  
 \*4: With ABS  
 \*5: With Power Steering

\*6: With 31 x 10.5R 15 Tire or P265 / 75R 15 Tire  
 \*7: With Wheel Opening Extension  
 \*8: Bench Seat

\*9: Separate Seat  
 \*10: With Moon Roof

U.S.A. & Canada						
Xtra Cab (2WD)		Regular Cab (4WD)		Extra Cab (4WD)		
DLX						
VZN150L-CRMDKAB	VZN150L-CRSDKAB	RZN161L-TRMDKAB	RZN161L-TRPKAB	RZN171L-CRMDKAB	RZN171L-CRDKAB	
5	→	4665 (183.7)	→	5135 (202.2)	→	
	→	1690 (66.5), 1720 (67.7)* <sup>6</sup> , 1765 (69.5)* <sup>7</sup>	→	→	→	
	→	1715 (67.5), 1745 (68.7)* <sup>6</sup>	→	1720 (67.7), 1750 (68.9)* <sup>6</sup>	→	
	→	2625 (103.4)	→	3095 (121.9)	→	
	→	1460 (57.5), 1500 (59.1)* <sup>6</sup>	→	→	→	
10	→	1455 (57.3), 1495 (59.9)* <sup>6</sup>	→	→	→	
	→	980 (38.6)* <sup>8</sup> , 979 (38.5)* <sup>9</sup>	→	984 (38.7), 975 (38.4)* <sup>10</sup>	→	
	→	→	→	898 (35.4)	→	
	→	1059 (41.7)	→	1088 (42.8)	→	
	→	→	→	690 (27.2)	→	
15	→	→	→	→	→	
	→	→	→	1355 (53.3)	→	
	→	→	→	→	→	
	→	→	→	→	→	
20	→	800 (31.5)	→	→	→	
	→	1240 (48.8)	→	→	→	
	175 (6.9)	280 (11.0), 310 (12.2)* <sup>6</sup>	→	280 (11.0), 315 (12.4)* <sup>6</sup>	→	
	→	32◀35◀ <sup>6</sup>	→	→	→	
	→	24◀26◀ <sup>6</sup>	→	→	→	
25	780 (1720)	789 (1740)	850 (1875)	864 (1905)	891 (1965)	905 (1995)
	540 (1190)	→	608 (1340)	→	633 (1395)	→
	1320 (2910)	1329 (2930)	1458 (3215)	1472 (3245)	1524 (3360)	1538 (3390)
	→	→	→	→	→	
	→	→	→	→	→	
30	→	2315 (5104)	→	→	→	
	→	68 (18.0, 15.0)	→	→	→	
	→	→	→	→	→	
	→	→	→	→	→	
35	55 (34)	74 (46)	47 (29)	60 (37)	47 (29)	60 (37)
	101 (63)	134 (85)	87 (54)	109 (68)	85 (53)	109 (68)
	143 (89)	165 (103)	135 (84)	165 (103)	135 (84)	165 (103)
	165 (103)	→	165 (103)	→	165 (103)	→
	→	→	11.2 (36.7)	→	12.9 (42.3)	→
40	→	→	10.5 (34.4)	→	12.2 (40.0)	→
	5VZ-FE	→	3RZ-FE	→	→	→
	24-Valve, DOHC	→	16-Valve, DOHC	→	→	→
	93.5 x 82.0 (3.68 x 3.23)	→	95.0 x 95.0 (3.74 x 3.74)	→	→	→
	3378 (206.1)	→	2694 (164.3)	→	→	→
45	9.6	→	9.5	→	→	→
	→	→	→	→	→	→
	→	→	→	→	→	→
	142 / 4800 (190@4800)	→	112 / 4806 (150@4800)	→	→	→
	298 / 360 (220@3600)	→	240 / 4000 (177@4000)	→	→	→
50	12 – 48, 55* <sup>3</sup>	→	12 – 55	→	→	→
	→	→	→	→	→	→
	→	1.4, 1.8* <sup>3</sup>	1.4, 2.0* <sup>3</sup>	→	→	→
	Dry, Single Plate	→	Dry, Single Plate	→	Dry, Single Plate	→
	R150	A340E	W59	A340F	W59	A340F
55	3.830	2.804	3.954	2.804	3.954	2.804
	2.062	1.531	2.141	1.531	2.141	1.531
	1.436	1.000	1.384	1.000	1.384	1.000
	1.000	0.705	1.000	0.705	1.000	0.705
	0.838	→	0.810	→	0.810	→
60	4.220	2.393	4.091	2.393	4.091	2.393
	→	→	1.000 / 2.566	→	→	→
	→	→	3.583 / 3.583, 4.100 / 4.100* <sup>6</sup>	4.100 / 4.100, 4.555 / 4.555* <sup>6</sup>	3.583 / 3.583, 4.100 / 4.100* <sup>6</sup>	4.100 / 4.100, 4.555 / 4.555* <sup>6</sup>
	→	→	7.5" / 8"	→	→	→
	→	→	→	→	→	→
65	→	→	→	→	→	→
	→	→	→	→	→	→
	→	→	Tandem 8" + 9"	→	→	→
	→	→	→	→	→	→
	→	→	→	→	→	→
70	→	→	→	→	→	→
	→	→	→	→	→	→
	→	→	→	→	→	→
	20.4	→	19.4	→	→	→
75	→	→	→	→	→	→

Item		Area	U.S.A. & Canada				
Body Type			Xtra Cab (4WD)				
Vehicle Grade			DLX	SR5	DLX	SR5	
Model Code			VZN170L-CRMDKAB	VZN170L-CRMGKAB	VZN170L-CRPDKAB	VZN170L-CRPGKAB	
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	5135 (202.2)	→	→	→
		Width	mm (in.)	1690 (66.5), 1720 (67.7) <sup>*6</sup> , 1765 (69.5) <sup>*7</sup>	→	→	→
		Height*	mm (in.)	1720 (67.6), 1750 (68.9) <sup>*6</sup>	→	→	→
	Wheel Base		mm (in.)	3095 (121.9)	→	→	→
	Tread	Front	mm (in.)	1460 (57.5), 1500 (59.1) <sup>*6</sup>	→	→	→
		Rear	mm (in.)	1455 (57.3), 1495 (58.9) <sup>*6</sup>	→	→	→
	Effective Head Room	Front	mm (in.)	984 (38.7), 975 (38.4) <sup>*10</sup>	→	→	→
		Rear	mm (in.)	898 (35.4)	→	→	→
	Effective Leg Room	Front	mm (in.)	1088 (42.8)	→	→	→
		Rear	mm (in.)	690 (27.2)	→	→	→
	Shoulder Room	Front	mm (in.)	1375 (54.1)	→	→	→
		Rear	mm (in.)	1355 (53.3)	→	→	→
	Cargo Space	Length	mm (in.)	—	—	—	—
		Width	mm (in.)	—	—	—	—
		Height	mm (in.)	—	—	—	—
	Overhang	Front	mm (in.)	800 (31.5)	→	→	→
		Rear	mm (in.)	1240 (48.8)	→	→	→
	Min. Running Ground Clearance		mm (in.)	280 (11.0), 315 (12.4) <sup>*6</sup>	→	→	→
	Angle of Approach		degrees	32◀35◀ <sup>6</sup>	→	→	→
	Angle of Departure		degrees	24◀26◀ <sup>6</sup>	→	→	→
Curb Weight	Front	kg (lb)	925 (2040)	923 (2035)	939 (2070)	937 (2065)	
	Rear	kg (lb)	628 (1385)	633 (1395)	628 (1385)	633 (1395)	
	Total	kg (lb)	1553 (3425)	1556 (3430)	1568 (3455)	1570 (3460)	
Gross Vehicle Weight	Front	kg (lb)	—	—	—	—	
	Rear	kg (lb)	—	—	—	—	
	Total	kg (lb)	2315 (5104)	→	→	→	
Fuel Tank Capacity		ℓ (US.gal., Imp.gal.)	→	→	→	→	
Luggage Compartment Capacity		m <sup>3</sup> (cu.ft.)	—	—	—	—	
Performance	Max. Speed		km/h (mph)	165 (103)	→	→	→
	Max. Cruising Speed		km/h (mph)	—	—	—	—
	Max. Permissible Speed	1st Gear	km/h (mph)	48 (30)	→	66 (41)	→
		2nd Gear	km/h (mph)	89 (55)	→	121 (75)	→
		3rd Gear	km/h (mph)	129 (80)	→	165 (103)	→
		4th Gear	km/h (mph)	165 (103)	→	—	—
	Turning Diameter (Outside Front)	Wall to Wall	m (ft.)	12.9 (42.3)	→	→	→
Curb to Curb		m (ft.)	12.2 (40.0)	→	→	→	
Engine	Engine Type		5VZ-FE	→	→	→	
	Valve Mechanism		24-Valve, DOHC	→	→	→	
	Bore x Stroke	mm (in.)	93.5 x 82.0 (3.68 x 3.23)	→	→	→	
	Displacement	cm <sup>3</sup> (cu.in.)	3378 (206.1)	→	→	→	
	Compression Ratio		9.6	→	→	→	
	Carburetor Type		SFI	→	→	→	
	Research Octane No.	RON	91	→	→	→	
	Max. Output (SAE-NET)	kW / rpm (HP@rpm)	142 / 4800 (190@4800)	→	→	→	
	Max. Torque (SAE-NET)	N·m / rpm (lb-ft@rpm)	298 / 3600 (220@3600)	→	→	→	
Engine Electrical	Battery Capacity (5HR)	Voltage & Amp. hr.	12 - 48, 12 - 55 <sup>*3</sup>	→	→	→	
	Alternator Output	Watts	840	→	→	→	
	Starter Output	kW	1.4	→	1.4, 1.8 <sup>*3</sup>	→	
Chassis	Clutch Type		Dry, Single late	→	—	—	
	Transmission Type		R150F	→	A340F	→	
	Transmission Gear Ratio	In First		3.830	→	2.804	→
		In Second		2.062	→	1.531	→
		In Third		1.436	→	1.000	→
		In Fourth		→	→	0.705	→
		In Fifth		0.838	→	—	—
		In Reverse		4.220	→	2.393	→
	Transfer Gear Ratio H4 / L4		1.000 / 2.566	→	→	→	
	Differential Gear Ratio (Front / Rear)		3.909 / 3.909, 4.100 / 4.100 <sup>*6</sup>	→	→	→	
	Differential Gear Size (Front / Rear)	in.		→	→	→	
				→	→	→	
	Brake Type	Front		→	→	→	
		Rear		→	→	→	
	Parking Brake Type			→	→	→	
Brake Booster Type and Size	in.		→	→	→		
Proportioning Valve Type			→	→	→		
Suspension Type	Front		→	→	→		
	Rear		→	→	→		
Stabilizer Bar	Front		→	→	→		
	Rear		—	—	—		
Steering Gear Type			Rack & Pinion	→	→		
Steering Gear Ratio (Overall)			19.4	→	→		
Power Steering Type			Integral Type	→	→		

\*: Unladen Vehicle  
<sup>\*3</sup>: Set Option with Cold Area Spec.  
<sup>\*6</sup>: With 31 x 10.5R Tire or P265/75R 15 Tire  
<sup>\*10</sup>: With Moon Roof

– MEMO –

4RUNNER

Item		Area	U.S.A. & Canada				
Body Type			4-Door Wagon				
Vehicle Grade			—		SR5	Limited	
Model Code			RZN180L-GKMSKA	RZN180L-GKPSKA	VZN180L-GKPGKA	VZN180L-GKPZKA	
Major Dimensions & Vehicle Weights	Overall	Length mm (in.)	4540 (178.7)	→	→	→	
		Width mm (in.)	1690 (66.5), 1730 (68.1)*2	→	→	1800 (70.9)	
		Height* mm (in.)	1715 (67.5), 1740 (68.5)*2	→	→	1740 (68.5)	
	Wheel Base	mm (in.)	2675 (105.3)	→	→	→	
	Tread	Front mm (in.)	1505 (59.3)	→	→	→	
		Rear mm (in.)	1495 (58.9), 1510 (59.4)*2	→	→	1510 (59.4)	
	Effective Head Room	Front mm (in.)	998 (39.3)	→	→	→	
		Rear mm (in.)	983 (38.7)	→	→	→	
	Effective Leg Room	Front mm (in.)	1081 (42.6)	→	→	→	
		Rear mm (in.)	888 (35.0)	→	→	→	
	Shoulder Room	Front mm (in.)	1361 (53.6)	→	→	→	
		Rear mm (in.)	1354 (53.3)	→	→	→	
	Cargo Space	Length mm (in.)	1147 (45.2)	→	→	→	
		Width mm (in.)	972 (38.3)	→	→	→	
		Height mm (in.)	983 (38.7)	→	→	→	
	Overhang	Front mm (in.)	810 (31.9), 805 (31.7)*2	→	→	805 (31.7)	
		Rear mm (in.)	1055 (41.5), 1060 (1055)*2	→	→	1060 (41.7)	
	Min. Running Ground Clearance	mm (in.)	250 (9.8), 260 (10.2)*2	→	→	260 (10.2)	
	Angle of Approach	degrees	32◀35◀2	→	→	35◀	
	Angle of Departure	degrees	26◀28◀2	→	→	28◀	
Curb Weight	Front kg (lb)	826 (1820)	837 (1845)	869 (1915)	896 (1975)		
	Rear kg (lb)	735 (1620)	744 (1640)	764 (1685)	878 (1935)		
	Total kg (lb)	1561 (3440)	1581 (3485)	1633 (3600)	1682 (3710)		
Gross Vehicle Weight	Front kg (lb)	—	—	—	—		
	Rear kg (lb)	—	—	—	—		
	Total kg (lb)	2381 (5250)	→	→	→		
Fuel Tank Capacity	ℓ (US.gal., Imp.gal.)	70 (18.5, 15.4)	→	→	→		
Luggage Compartment Capacity	m <sup>3</sup> (cu.ft.)	—	—	—	—		
Performance	Max. Speed	km/h (mph)	165 (103)	→	→	→	
	Max. Cruising Speed	km/h (mph)	132 (82)	→	→	→	
	Max. Permissible Speed	1st Gear km/h (mph)	42 (26)	56 (35)	56 (35), 59 (37)*2	59 (37)	
		2nd Gear km/h (mph)	78 (49), 77 (48)*2	104 (65), 102 (64)*2	104 (65), 107 (67)*2	107 (67)	
		3rd Gear km/h (mph)	121 (75), 119 (74)*2	—	—	—	
		4th Gear km/h (mph)	—	—	—	—	
	Turning Diameter (Outside Front)	Wall to Wall m (ft.)	12.0 (39)	→	→	→	
Curb to Curb m (ft.)		11.6 (38)	→	→	→		
Engine	Engine Type		3RZ-FE	→	5VZ-FE	→	
	Valve Mechanism		16 Valve, DOHC	→	24 Valve, DOHC	→	
	Bore x Stroke	mm (in.)	95.0 x 95.0 (3.74 x 3.74)	→	93.5 x 82.0 (3.68 x 3.23)	→	
	Displacement	cm <sup>3</sup> (cu.in.)	2694 (164.3)	→	3378 (206.1)	→	
	Compression Ratio		9.5 : 1	→	9.6 : 1	→	
	Carburetor Type		SFI	→	→	→	
	Research Octane No.	RON	91	→	→	→	
	Max. Output (SAE-NET)	kW/rpm (HP@rpm)	112/4800 (150@4800)	→	137/4800 (183@4800)	→	
	Max. Torque (SAE-NET)	N·m/rpm (lb-ft@rpm)	240/4000 (177@4000)	→	294/3600 (217@3600)	→	
Engine Electrical	Battery Capacity (5HR)	Voltage & Amp. hr.	12 – 55	12 – 55, 64*1	12 – 48, 55*1	→	
	Generator Output	Watts	840	→	→	→	
	Starter Output	kW	1.4, 1.8*1	1.4, 2.0*1	1.4, 1.8*1	→	
Chassis	Clutch Type		Dry, Single Plate	→	→	→	
	Transmission Type		W59	A340E	→	→	
	Transmission Gear Ratio	In First		3.954	2.804	→	→
		In Second		2.141	1.531	→	→
		In Third		1.384	1.000	→	→
		In Fourth		1.000	0.705	→	→
		In Fifth		0.810	—	→	→
	In Reverse		4.091	2.393	→	→	
	Transfer Gear Ratio H4/L4		—	—	—	—	
	Differential Gear Ratio (Front/Rear)		-/3.727, -/4.100*2	-/3.909, -/4.300*2	-/3.727, -/4.100*2	-/4.100	
	Differential Gear Size (Front/Rear)	in.	-/8"	→	→	→	
	Brake Type	Front		Ventilated Disc	→	→	→
		Rear		L.T. Drum	→	→	→
	Parking Brake Type		L.T. Drum	→	→	→	
	Brake Booster Type and Size	in.	Tandem 8" + 9"	→	→	→	
Proportioning Valve Type		LSP & BV, P & BV*3	→	P & BV	P & BV		
Suspension Type	Front		Double Wishbone, Coil	→	→	→	
	Rear		4 Links	→	→	→	
Stabilizer Bar	Front		STD	→	→	→	
	Rear		STD	→	→	→	
Steering Gear Type		Rack & Pinion	→	→	→		
Steering Gear Ratio		20.0	→	→	→		
Power Steering Type		Integral Type	→	→	→		

\* : Unladen Vehicle  
 \*1: Option  
 \*2: With P265/70R16 Tire

\*3: With ABS  
 \*4: Differential Gear Ratio: 4.300

U.S.A. & Canada					
4-Door Wagon					
SR5					Limited
RZN185L-GKMSKA	RZN185L-GKPSKA	VZN185L-GKMGKA	VZN185L-GKPGKA	VZN185L-GKPZKA	
5	→	→	→	→	→
1690 (66.5), 1730 (68.1)*2	→	→	→	→	1800 (70.9)
1715 (67.5), 1760 (69.3)*2	→	→	→	→	1760 (69.3)
→	→	→	→	→	→
→	→	→	→	→	→
10	1495 (58.9), 1510 (59.4)*2	→	→	→	1510 (59.4)
→	→	→	→	→	→
→	→	→	→	→	→
→	→	→	→	→	→
15	→	→	→	→	→
→	→	→	→	→	→
→	→	→	→	→	→
→	→	→	→	→	→
20	810 (31.9), 805 (31.7)*2	→	→	→	805 (31.7)
1055 (41.5), 1060 (41.7)*2	→	→	→	→	1060 (41.7)
250 (9.8), 280 (11.0)*2	→	→	→	→	280 (11.0)
32◀36◀2	→	→	→	→	36◀
26◀29◀2	→	→	→	→	29◀
25	916 (2020)	932 (2055)	978 (2155)	993 (2190)	1005 (2215)
773 (1705)	778 (1715)	785 (1730)	789 (1740)	798 (1760)	
1689 (3725)	1710 (3770)	1763 (3885)	1782 (3930)	1803 (3975)	
→	→	→	→	→	→
→	→	→	→	→	→
30	→	→	→	→	→
→	→	→	→	→	→
→	→	→	→	→	→
→	→	→	→	→	→
35	40 (25)	54 (34), 52 (33)*2	41 (26), 43 (27)*2	56 (35), 59 (37)*2, 56 (35)*2, 4	59 (37), 56 (35)*4
74 (46), 73 (46)*2	99 (62), 96 (60)*2	77 (48), 80 (50)*2	104 (65), 107 (67)*2, 103 (64)*2, 4	107 (67), 103 (64)*4	
115 (72), 113 (71)*2	→	111 (69), 115 (72)*2	→	→	
→	→	→	→	→	→
→	→	→	→	→	→
40	→	→	→	→	→
3RZ-FE	→	5VZ-FE	→	→	→
16 Valve, DOHC	→	24 Valve, DOHC	→	→	→
95.0 x 95.0 (3.74 x 3.74)	→	93.5 x 82.0 (3.68 x 3.23)	→	→	→
2694 (164.3)	→	3378 (206.1)	→	→	→
45	9.5 : 1	→	9.6 : 1	→	→
→	→	→	→	→	→
→	→	→	→	→	→
112 / 4800 (150@4800)	→	137 / 4800 (183@4800)	→	→	→
240 / 4000 (177@4000)	→	294 / 3600 (217@3600)	→	→	→
50	12 – 55	12 – 55, 64*1	12 – 48, 55*1	→	→
→	→	→	→	→	→
→	1.4, 2.0*1	→	1.4, 1.8*1	→	→
Dry, Single Plate	→	Dry, Single Plate	→	→	→
W59	A340F	R150F	A340F	→	→
3.954	2.804	3.830	2.804	→	→
2.141	1.531	2.062	1.531	→	→
1.384	1.000	1.436	1.000	→	→
1.000	0.705	1.000	0.705	→	→
0.810	→	0.838	→	→	→
60	4.091	2.393	4.220	2.393	→
1.000 / 2.566	→	→	→	→	→
4.100 / 4.100, 4.556 / 4.556*2	→	3.909 / 3.909, 4.100 / 4.100*2	3.909 / 3.909, 4.100 / 4.100*2, 4.300 / 4.300*2	4.100 / 4.100, 4.300 / 4.300*	
→	→	→	→	→	→
→	→	→	→	→	→
65	→	→	→	→	→
→	→	→	→	→	→
→	→	→	→	→	→
LSP & BV, P & BV*3	→	P & BV	→	→	→
→	→	→	→	→	→
70	→	→	→	→	→
→	→	→	→	→	→
→	→	→	→	→	→
→	→	→	→	→	→
→	→	→	→	→	→

► TOYOTA T100

Item		Area	U.S.A.				
Body Type			Regular Cab				
Vehicle Grade			STD		DLX		
Model Code			RCK10L-TRMRKA	RCK10L-TRSRKA	VCK11L-TRMDKA	VCK11L-TRSDKA	
Major Dimensions & Vehicle Weights	Overall	Length mm (in.)	5310 (209.1)	→	→	→	
		Width mm (in.)	1910 (75.2)	→	→	→	
		Height* mm (in.)	1710 (67.2), 1720 (67.6)*1	→	→	→	
	Wheel Base	mm (in.)	3095 (121.9)	→	→	→	
	Tread	Front mm (in.)	1565 (61.6), 1570 (61.8)*1	→	→	→	
		Rear mm (in.)	1615 (63.6), 1625 (64.0)*1	→	→	→	
	Effective Head Room	Front mm (in.)	1007 (40.0)	→	→	→	
		Rear mm (in.)	—	—	—	—	
	Effective Leg Room	Front mm (in.)	1089 (42.9)	→	→	→	
		Rear mm (in.)	—	—	—	—	
	Shoulder Room	Front mm (in.)	1585 (62.4)	→	→	→	
		Rear mm (in.)	—	—	—	—	
	Cargo Space	Length mm (in.)	—	—	—	—	
		Width mm (in.)	—	—	—	—	
		Height mm (in.)	—	—	—	—	
	Overhang	Front mm (in.)	820 (32.3)	→	→	→	
		Rear mm (in.)	1395 (54.9)	→	→	→	
	Min. Running Ground Clearance	mm (in.)	185 (7.3), 195 (7.7)*1	→	→	→	
	Angle of Approach	degrees	26	→	→	→	
	Angle of Departure	degrees	20	→	→	→	
Curb Weight	Front kg (lb)	832 (1835)	839 (1850)	882 (1945)	889 (1960)		
	Rear kg (lb)	674 (1485)	680 (1500)	674 (1485)	680 (1500)		
	Total kg (lb)	1506 (3320)	1519 (3350)	1556 (3430)	1569 (3460)		
Gross Vehicle Weight	Front kg (lb)	—	—	—	—		
	Rear kg (lb)	—	—	—	—		
	Total kg (lb)	2268 (5000)	→	→	→		
Fuel Tank Capacity	ℓ (US gal, Imp.gal)	91 (24.0, 20.0)	→	→	→		
Luggage Compartment Capacity	m <sup>3</sup> (cu.ft.)	—	—	—	—		
Performance	Max. Speed	km/h (mph)	165 (103)	→	→	→	
	Max. Cruising Speed	km/h (mph)	150 (93)	→	→	→	
	Max. Permissible Speed	1st Gear km/h (mph)	40 (25)	55 (34)	40 (24)	55 (34)	
		2nd Gear km/h (mph)	75 (47)	100 (62)	75 (47)	100 (62)	
		3rd Gear km/h (mph)	115 (71)	150 (93)	115 (71)	150 (93)	
		4th Gear km/h (mph)	165 (103)	165 (103)	165 (103)	165 (103)	
Turning Diameter (Outside Front)	Wall to Wall m (ft.)	12.2 (40.0)	→	12.2 (40.0)	→		
	Curb to Curb m (ft.)	11.5 (37.7)	→	11.5 (37.7)	→		
Engine	Engine Type		3RZ-FE	→	5VZ-FE	→	
	Valve Mechanism		16-Valve, DOHC	→	24-Valve, DOHC	→	
	Bore x Stroke	mm (in.)	95.0 x 95.0 (3.74 x 3.74)	→	93.5 x 82.0 (3.68 x 3.23)	→	
	Displacement	cm <sup>3</sup> (cu.in.)	2694 (164.3)	→	3378 (206.1)	→	
	Compression Ratio		9.5 : 1	→	9.6 : 1	→	
	Carburetor Type		SFI	→	→	→	
	Research Octane No.	RON	91	→	→	→	
	Max. Output (SAE-NET)	kW /rpm (HP@rpm)	112 /4800 (150 @ 4800)	→	142 /4800 (190 @ 4800)	→	
	Max. Torque (SAE-NET)	N·m /rpm (lb-ft@rpm)	240 /4000 (177 @ 4000)	→	298 /3600 (220 @ 3600)	→	
Engine Electrical	Battery Capacity (5HR)	Voltage & Amp. hr.	21-55	→	→	→	
	Generator Output	Watts	840	→	→	→	
	Starter Output	kW	1.2, 1.8*3	1.4, 2.0*3	1.2, 1.4*3	1.4, 1.8*3	
Chassis	Clutch Type		Dry, Single Plate	—	Dry, Single Plate	—	
	Transmission Type		W59	A340E	R150	A340E	
	Transmission Gear Ratio	In First		3.954	2.804	3.830	2.804
		In Second		2.141	1.531	2.062	1.531
		In Third		1.384	1.000	1.436	1.000
		In Fourth		1.000	0.705	1.000	0.705
		In Fifth		0.810	—	0.838	—
		In Reverse		4.091	2.393	4.220	2.393
	Transfer Gear Ratio H4 /L4		—	—	—	—	
	Differential Gear Ratio (Front / Rear)		- /3.615, 3.769*1	- /3.916, 4.083*1	- /3.769, 3.916*1	→	
	Differential Gear Size (Front / Rear)	in.	- /8	→	→	→	
	Brake Type	Front		Ventilated Disc	→	→	→
		Rear		L.T. Drum	→	→	→
	Parking Brake Type			L.T. Drum	→	→	→
	Brake Booster Type and Size	in.		Tandem 8" + 9"	→	Tandem 8" + 9", 9" + 10"*4	→
Proportioning Valve Type			LSP & BV	→	→	→	
Suspension Type	Front		Double Wishbone	→	→	→	
	Rear		Leaf Spring	→	→	→	
Stabilizer Bar	Front		STD	→	→	→	
	Rear		—	—	—	—	
Steering Gear Type			Rack & Pinion	→	→	→	
Steering Gear Ratio (Overall)			20.3	→	→	→	
Power Steering Type			Integral Type	→	→	→	

\*: Unladen Vehicle  
 \*1: For P235 /75R Tire with Steel Wheel (Option)  
 \*2: For 265 /70R16 Tire (Option)  
 \*3: Set Option with Cold Area Specs.  
 \*4: With ABS



Item		Area	U.S.A.				
Body Type			Xtra Cab				
Vehicle Grade			SR5		DLX		
Model Code			VCK11L-CRMSKA	VCK11L-CRSSKA	VCK21L-CRMDKA	VCK21L-CRSDKA	
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	5310 (209.1)	→	→	→
		Width	mm (in.)	1910 (75.2)	→	→	→
		Height*	mm (in.)	1740 (68.6)	→	1840 (72.6), 1870 (73.5)*2	→
	Wheel Base		mm (in.)	3095 (121.9)	→	→	→
	Tread	Front	mm (in.)	1570 (61.8)	→	1605 (63.2), 1635 (64.4)*2	→
		Rear	mm (in.)	1625 (64.0)	→	1615 (63.6), 1650 (65.0)*2	→
	Effective Head Room	Front	mm (in.)	1007 (40.0)	→	→	→
		Rear	mm (in.)	960 (37.8)	→	→	→
	Effective Leg Room	Front	mm (in.)	1089 (42.9)	→	→	→
		Rear	mm (in.)	753 (29.6)	→	→	→
	Shoulder Room	Front	mm (in.)	1585 (62.4)	→	→	→
		Rear	mm (in.)	1528 (60.2)	→	→	→
	Cargo Space	Length	mm (in.)	—	—	—	—
		Width	mm (in.)	—	—	—	—
		Height	mm (in.)	—	—	—	—
	Overhang	Front	mm (in.)	820 (32.3)	→	→	→
		Rear	mm (in.)	1395 (54.9)	→	→	→
	Min. Running Ground Clearance		mm (in.)	195 (7.7)	→	210 (8.3), 235 (9.3)*2	→
	Angle of Approach		degrees	26	→	34, 36*2	→
	Angle of Departure		degrees	20	→	22, 23*2	→
Curb Weight	Front	kg (lb)	905 (1995)	912 (2010)	1052 (2320)	1075 (2370)	
	Rear	kg (lb)	728 (1605)	735 (1620)	764 (1685)	773 (1705)	
	Total	kg (lb)	1633 (3600)	1647 (3630)	1816 (4005)	1848 (4075)	
Gross Vehicle Weight	Front	kg (lb)	—	—	—	—	
	Rear	kg (lb)	—	—	—	—	
	Total	kg (lb)	2585 (5700)	→	2722 (6000)	→	
Fuel Tank Capacity		ℓ (US gal, Imp.gal)	91 (24.0, 20.0)	→	→	→	
Luggage Compartment Capacity		m <sup>3</sup> (cu.ft.)	—	—	—	—	
Performance	Max. Speed		km/h (mph)	165 (103)	→	→	→
	Max. Cruising Speed		km/h (mph)	150 (93)	→	→	→
	Max. Permissible Speed	1st Gear	km/h (mph)	40 (25)	55 (34)	40 (25)	55 (34)
		2nd Gear	km/h (mph)	75 (47)	100 (62)	75 (47)	100 (62)
		3rd Gear	km/h (mph)	115 (71)	150 (93)	115 (71)	150 (93)
		4th Gear	km/h (mph)	165 (103)	165 (103)	165 (103)	165 (103)
Turning Diameter (Outside Front)	Wall to Wall	m (ft.)	12.2 (40.0)	→	13.8 (45.3)	→	
	Curb to Curb	m (ft.)	11.5 (37.7)	→	13.2 (43.3)	→	
Engine	Engine Type		5VZ-FE	→	→	→	
	Valve Mechanism		24-Valve, DOHC	→	→	→	
	Bore x Stroke	mm (in.)	93.5 x 82.0 (3.68 x 3.23)	→	→	→	
	Displacement	cm <sup>3</sup> (cu.in.)	3378 (206.1)	→	→	→	
	Compression Ratio		9.6 : 1	→	→	→	
	Carburetor Type		SFI	→	→	→	
	Research Octane No.	RON	91	→	→	→	
	Max. Output (SAE-NET)	kW / rpm (HP @ rpm)	142 / 4800 (190 @ 4800)	→	→	→	
Max. Torque (SAE-NET)	N·m / rpm (lb-ft @ rpm)	298 / 3600 (220 @ 3600)	→	→	→		
Engine Electrical	Battery Capacity (5HR)	Voltage & Amp. hr.	12 – 55	→	→	→	
	Generator Output	Watts	840	→	→	→	
	Starter Output	kW	1.2, 1.4*3	1.4, 1.8*3	1.4	1.4, 1.8*3	
Chassis	Clutch Type		Dry, Single Plate	—	Dry, Single Plate	—	
	Transmission Type		R150	A340E	R150F	A340F	
	Transmission Gear Ratio	In First		3.830	2.804	3.830	2.804
		In Second		2.062	1.531	2.062	1.531
		In Third		1.436	1.000	1.436	1.000
		In Fourth		1.000	0.705	1.000	0.705
		In Fifth		0.838	—	0.838	—
		In Reverse		4.220	2.393	4.220	2.393
	Transfer Gear Ratio H4 / L4		—	—	1.000 / 2.566	→	
	Differential Gear Ratio (Front / Rear)		– / 3.916	→	3.909 / 3.909, 4.100 / 4.100*2	4.100 / 4.100, 4.300 / 4.300*2	
	Differential Gear Size (Front / Rear)	in.	– / 8	→	7.5 / 8	→	
	Brake Type	Front		Ventilated Disc	→	→	→
		Rear		L.T. Drum	→	→	→
	Parking Brake Type			L.T. Drum	→	→	→
	Brake Booster Type and Size	in.		Tandem 8" + 9", 9" + 10"*4	→	→	→
	Proportioning Valve Type			LSP & BV	→	→	→
	Suspension Type	Front		Double Wishbone	→	→	→
Rear			Leaf Spring	→	→	→	
Stabilizer Bar	Front		STD	→	→	→	
	Rear		—	—	—	—	
Steering Gear Type			Rack & Pinion	→	Recirculating Ball	→	
Steering Gear Ratio (Overall)			20.3	→	19.0	→	
Power Steering Type			Integral Type	→	→	→	

\*: Unladen Vehicle  
 \*1: For P235 / 75R Tire with Steel Wheel (Option)  
 \*2: For 265 / 70R16 Tire (Option)  
 \*3: Set Option with Cold Area Specs.  
 \*4: With ABS

	U.S.A.		Canada			
	Xtra Cab		Regular Cab		Xtra Cab	
	SR5		DLX			
	VCK21L-CRMSKA	VCK21L-CRSSKA	VCK11L-TRMDKK	VCK11L-TRSDKK	VCK21L-CRMDKK	VCK21L-CRSDKK
5	→	→	→	→	→	→
	→	→	→	→	→	→
	→	→	1710 (67.2), 1720 (67.6)*1	→	1840 (72.6), 1870 (73.5)*2	→
	→	→	→	→	→	→
	→	→	1565 (61.6), 1570 (61.8)*1	→	1605 (63.2), 1635 (64.4)*2	→
10	→	→	1615 (63.6), 1625 (64.0)*1	→	1615 (63.6), 1650 (65.0)*2	→
	→	→	→	→	→	→
	→	→	→	→	→	→
	→	→	→	→	→	→
15	→	→	→	→	→	→
	→	→	→	→	→	→
	→	→	→	→	→	→
	→	→	→	→	→	→
20	→	→	→	→	→	→
	→	→	→	→	→	→
	→	→	185 (7.3), 195 (7.7)*1	→	210 (8.3), 235 (9.3)*2	→
	→	→	26	→	34, 36*2	→
	→	→	20	→	22, 23*2	→
25	1066 (2350)	1089 (2400)	882 (1945)	889 (1960)	1052 (2320)	1075 (2370)
	767 (1690)	776 (1710)	674 (1485)	680 (1500)	764 (1685)	773 (1705)
	1833 (4040)	1865 (4110)	1556 (3430)	1569 (3460)	1816 (4005)	1848 (4075)
	→	→	→	→	→	→
	→	→	→	→	→	→
30	→	→	2268 (5000)	→	2722 (6000)	→
	→	→	→	→	→	→
	→	→	→	→	→	→
	→	→	→	→	→	→
35	40 (25)	55 (34)	40 (24)	55 (34)	40 (25)	55 (34)
	75 (47)	100 (62)	75 (47)	100 (62)	75 (47)	100 (62)
	115 (71)	150 (93)	115 (71)	150 (93)	115 (71)	150 (93)
	165 (103)	165 (103)	165 (103)	165 (103)	165 (103)	165 (103)
	→	→	12.2 (40.0)	→	13.8 (45.3)	→
40	→	→	11.5 (37.7)	→	13.2 (43.3)	→
	→	→	→	→	→	→
	→	→	→	→	→	→
	→	→	→	→	→	→
45	→	→	→	→	→	→
	→	→	→	→	→	→
	→	→	→	→	→	→
	→	→	→	→	→	→
50	→	→	→	→	→	→
	→	→	→	→	→	→
	1.4	1.4, 1.8*3	1.4	1.8	1.4	1.8
	Dry, Single Plate	→	Dry, Single Plate	→	Dry, single Plate	→
	R150F	A340F	R150	A340E	R150F	A340F
55	3.830	2.804	3.830	2.804	3.830	2.804
	2.062	1.531	2.062	1.531	2.062	1.531
	1.436	1.000	1.436	1.000	1.436	1.000
	1.000	0.705	1.000	0.705	1.000	0.705
	0.838	→	0.838	→	0.838	→
60	4.220	2.393	4.220	2.393	4.220	2.393
	1.000/2.566	→	→	→	1.000/2.566	→
	3.909/3.909, 4.100/4.100*2	4.100/4.100, 4.300/4.300*2	-/3.769, 3.916*1	→	3.909/3.909, 4.100/4.100*2	4.100/4.100, 4.300/4.300*2
	→	→	-/8	→	7.5/8	→
	→	→	→	→	→	→
65	→	→	→	→	→	→
	→	→	→	→	→	→
	→	→	→	→	→	→
	→	→	→	→	→	→
70	→	→	→	→	→	→
	→	→	→	→	→	→
	→	→	→	→	→	→
	→	→	→	→	→	→
	→	→	Rack & Pinion	→	Recirculating Ball	→
	→	→	20.3	→	19.0	→
75	→	→	→	→	→	→

Item		Area	Canada				
Body Type			Xtra Cab				
Vehicle Grade			DLX		SR5		
Model Code			VCK11L-CRMDKK	VCK11L-CRSDKK	VCK21L-CRMSKK	VCK21L-CRSSKK	
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	5310 (209.1)	→	→	→
		Width	mm (in.)	1910 (75.2)	→	→	→
		Height*	mm (in.)	1730 (68.2), 1740 (68.6)*1	→	1840 (72.6), 1870 (73.5)*2	→
	Wheel Base		mm (in.)	3095 (121.9)	→	→	→
	Tread	Front	mm (in.)	1565 (61.6), 1570 (61.8)*1	→	1605 (63.2), 1635 (64.4)*2	→
		Rear	mm (in.)	1615 (63.6), 1625 (64.0)*1	→	1615 (63.6), 1650 (65.0)*2	→
	Effective Head Room	Front	mm (in.)	1007 (40.0)	→	→	→
		Rear	mm (in.)	960 (37.8)	→	→	→
	Effective Leg Room	Front	mm (in.)	1089 (42.9)	→	→	→
		Rear	mm (in.)	753 (29.6)	→	→	→
	Shoulder Room	Front	mm (in.)	1585 (62.4)	→	→	→
		Rear	mm (in.)	1528 (60.2)	→	→	→
	Cargo Space	Length	mm (in.)	—	—	—	—
		Width	mm (in.)	—	—	—	—
		Height	mm (in.)	—	—	—	—
	Overhang	Front	mm (in.)	820 (32.3)	→	→	→
		Rear	mm (in.)	1395 (54.9)	→	→	→
	Min. Running Ground Clearance	mm (in.)	185 (7.3), 195 (7.7)*1	→	210 (8.3), 235 (9.3)*2	→	
	Angle of Approach	degrees	26	→	34, 36*2	→	
	Angle of Departure	degrees	20	→	22, 23*2	→	
Curb Weight	Front	kg (lb)	891 (1965)	898 (1980)	1066 (2350)	1089 (2400)	
	Rear	kg (lb)	719 (1585)	726 (1600)	767 (1690)	776 (1710)	
	Total	kg (lb)	1610 (3550)	1624 (3580)	1833 (4040)	1865 (4110)	
Gross Vehicle Weight	Front	kg (lb)	—	—	—	—	
	Rear	kg (lb)	—	—	—	—	
	Total	kg (lb)	2585 (5700)	→	2722 (6000)	→	
Fuel Tank Capacity	ℓ (US gal, Imp.gal)	91 (24.0, 20.0)	→	→	→		
Luggage Compartment Capacity	m <sup>3</sup> (cu.ft.)	—	→	→	→		
Performance	Max. Speed	km/h (mph)	165 (103)	→	→	→	
	Max. Cruising Speed	km/h (mph)	150 (93)	→	→	→	
	Max. Permissible Speed	1st Gear	km/h (mph)	40 (25)	55 (34)	40 (25)	55 (34)
		2nd Gear	km/h (mph)	75 (47)	100 (62)	75 (47)	100 (62)
		3rd Gear	km/h (mph)	115 (71)	150 (93)	115 (71)	150 (93)
		4th Gear	km/h (mph)	165 (103)	165 (103)	165 (103)	165 (103)
Turning Diameter (Outside Front)	Wall to Wall	m (ft.)	12.2 (40.0)	→	13.8 (45.3)	→	
	Curb to Curb	m (ft.)	11.5 (37.7)	→	13.2 (43.3)	→	
Engine	Engine Type		5VZ-FE	→	→	→	
	Valve Mechanism		24-Valve, DOHC	→	→	→	
	Bore x Stroke	mm (in.)	93.5 x 82.0 (3.68 x 3.23)	→	→	→	
	Displacement	cm <sup>3</sup> (cu.in.)	3378 (206.1)	→	→	→	
	Compression Ratio		9.6 : 1	→	→	→	
	Carburetor Type		SFI	→	→	→	
	Research Octane No.	RON	91	→	→	→	
	Max. Output (SAE-NET)	kW / rpm (HP @ rpm)	142 / 4800 (190 @ 4800)	→	→	→	
Max. Torque (SAE-NET)	N·m / rpm (lb-ft @ rpm)	298 / 3600 (220 @ 3600)	→	→	→		
Engine Electrical	Battery Capacity (5HR)	Voltage & Amp. hr.	12 – 55	→	→	→	
	Generator Output	Watts	840	→	→	→	
	Starter Output	kW	1.4	1.8	1.4	1.8	
Chassis	Clutch Type		Dry, Single Plate	—	Dry, Single Plate	—	
	Transmission Type		R150	A340E	R150F	A340F	
	Transmission Gear Ratio	In First		3.830	2.804	3.830	2.804
		In Second		2.062	1.531	2.062	1.531
		In Third		1.436	1.000	1.436	1.000
		In Fourth		1.000	0.705	1.000	0.705
		In Fifth		0.838	—	0.838	—
		In Reverse		4.220	2.393	4.220	2.393
	Transfer Gear Ratio H4 / L4		—	—	1.000 / 2.566	→	
	Differential Gear Ratio (Front / Rear)		- / 3.769, 3.916*1	→	3.909 / 3.909, 4.100 / 4.100*2	4.100 / 4.100, 4.300 / 4.300*2	
	Differential Gear Size (Front / Rear)	in.	- / 8	→	7.5 / 8	→	
	Brake Type	Front		Ventilated Disc	→	→	→
		Rear		L.T. Drum	→	→	→
	Parking Brake Type			L.T. Drum	→	→	→
	Brake Booster Type and Size	in.		Tandem 8" + 9", 9" + 10"*4	→	→	→
Proportioning Valve Type			LSP & BV	→	→	→	
Suspension Type	Front		Double Wishbone	→	→	→	
	Rear		Leaf Spring	→	→	→	
Stabilizer Bar	Front		STD	→	→	→	
	Rear		—	—	—	—	
Steering Gear Type			Rack & Pinion	→	Recirculating Ball	→	
Steering Gear Ratio (Overall)			20.3	→	19.0	→	
Power Steering Type			Integral Type	→	→	→	

\*: Unladen Vehicle  
 \*1: For P235 / 75R Tire with Steel Wheel (Option)  
 \*2: For 265 / 70R16 Tire (Option)  
 \*3: Set Option with Cold Area Specs.  
 \*4: With ABS

# MAJOR TECHNICAL SPECIFICATIONS



Item	Area		U.S.A.				
			2-Door		4-Door		
			CE				
Body Type							
Vehicle Grade							
Model Code			EL53L-ADM RKA	EL53L-ADHRKA	EL53L-AEMRKA	EL53L-AEPRKA	
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4130 (162.6)	→	→	→
		Width	mm (in.)	1660 (65.4)	→	→	→
		Height*	mm (in.)	1375 (54.1)	→	→	→
	Wheel Base		mm (in.)	2380 (93.7)	→	→	→
	Tread	Front	mm (in.)	1400 (55.1)	→	→	→
		Rear	mm (in.)	1395 (54.9)	→	→	→
	Effective Head Room	Front	mm (in.)	979 (38.5)	→	→	→
		Rear	mm (in.)	926 (36.5)	→	→	→
	Effective Leg Room	Front	mm (in.)	1046 (41.2)	→	→	→
		Rear	mm (in.)	801 (31.5)	→	→	→
	Shoulder Room	Front	mm (in.)	1315 (51.8)	→	1316 (51.8)	→
		Rear	mm (in.)	1311 (51.6)	→	1300 (51.2)	→
	Overhang	Front	mm (in.)	810 (31.9)	→	→	→
		Rear	mm (in.)	940 (37.0)	→	→	→
	Min. Running Ground Clearance		mm (in.)	125 (4.9)	→	→	→
	Angle of Approach		degrees	19◀	→	→	→
	Angle of Departure		degrees	17◀	→	→	→
	Curb Weight	Front	kg (lb)	562 (1240)	590 (1300)	565 (1245)	612 (1350)
		Rear	kg (lb)	365 (805)	358 (790)	374 (825)	→
		Total	kg (lb)	927 (2045)	948 (2090)	940 (2070)	986 (2175)
Gross Vehicle Weight Rating	Front	kg (lb)	—	—	—	—	
	Rear	kg (lb)	—	—	—	—	
	Total	kg (lb)	1360 (3000)	1380 (3045)	1377 (3035)	1424 (3140)	
Fuel Tank Capacity		ℓ (US.gal., Imp.gal.)	45 (11.9, 9.9)	→	→	→	
Luggage Compartment Capacity		m <sup>3</sup> (cu.ft.)	0.263 (9.3)	→	→	→	
Performance	Max. Speed		km/h (mph)	180 (112)	170 (106)	180 (112)	170 (106)
	Max. Cruising Speed		km/h (mph)	150 (93)	140 (87)	150 (93)	140 (87)
	Acceleration	0 to 100 km/h	sec.	—	—	—	—
		0 to 400 m	sec.	—	—	—	—
	Max. Permissible Speed	1st Gear	km/h (mph)	46 (28)	55 (34)	46 (28)	53 (33)
		2nd Gear	km/h (mph)	85 (53)	100 (62)	85 (53)	96 (60)
		3rd Gear	km/h (mph)	132 (82)	—	132 (82)	165 (103)
		4th Gear	km/h (mph)	—	—	—	—
	Turning Diameter (Outside Front)	Wall to Wall	m (ft.)	10.2 (33.5)	→	→	→
		Curb to Curb	m (ft.)	10.0 (32.8)	→	→	→
Engine	Engine Type		5E-FE	→	→	→	
	Valve Mechanism		16-Valve, DOHC	→	→	→	
	Bore x Stroke	mm (in.)	74.0 x 87.0 (2.91 x 3.43)	→	→	→	
	Displacement	cm <sup>3</sup> (cu.in.)	1497 (91.3)	→	→	→	
	Compression Ratio		9.4 : 1	→	→	→	
	Carburetor Type		SFI	→	→	→	
	Research Octane No.	RON	91	→	→	→	
Max. Output (SAE-NET)	kW / rpm (HP@rpm)	69@5400 (93@5400)	→	→	→		
Max. Torque (SAE-NET)	N·m / rpm (lb-ft@rpm)	136@4400 (100@4400)	→	→	→		
Engine Electrical	Battery Capacity (5HR)	Voltage & Amp. hr.	12-40, 12-32* <sup>1</sup> , 12-48* <sup>2</sup>	12-40, 48* <sup>2</sup>	12-40, 32* <sup>1</sup> , 48* <sup>2</sup>	12-40, 48* <sup>2</sup>	
	Generator Output	Watts	720, 840* <sup>1</sup>	840	720, 840* <sup>1</sup>	840	
	Starter Output	kW	0.8, 1.0* <sup>2</sup>	→	→	→	
Chassis	Clutch Type		Dry, Single Plate	—	Dry, Single Plate	—	
	Transaxle Type		C151	A132L	C151	A242L	
	Transmission Gear Ratio	In First		3.545	2.810	3.545	3.643
		In Second		1.904	1.549	1.904	2.008
		In Third		1.233	1.000	1.233	1.296
		In Fourth		0.885	—	0.885	0.892
		In Fifth		0.725	—	0.725	—
		In Reverse		3.250	2.296	3.250	2.977
	Counter Gear Ratio		—	0.945	—	—	
	Differential Gear Ratio (Final)		3.722	→	→	2.821	
	Brake Type	Front		Ventilated Disc	→	→	→
		Rear		Drum	→	→	→
	Parking Brake Type		Drum	→	→	→	
	Brake Booster Type and Size	in.	Single, 8"	→	→	→	
	Proportioning Valve type		Dual-P Valve	→	→	→	
Suspension Type	Front		MacPherson Strut	→	→	→	
	Rear		Torsion Beam	→	→	→	
Stabilizer Bar	Front		STD	→	→	→	
	Rear		STD	→	→	→	
Steering Gear Type		Rack and Pinion	→	→	→		
Steering Gear Ratio (Overall)		21.8, 17.5* <sup>1</sup>	→	→	→		
Power Steering Type		Integral Type* <sup>1</sup>	→	→	→		

\* : Unladen Vehicle  
 \*<sup>2</sup>: Set Option with Cold Area Spec.

\*<sup>1</sup>: Option  
 \*<sup>3</sup>: With P175 / 65R14 or P185 / 60R14 Tire

Canada					
2-Door			4-Door		
CE					
EL53L-ADMRKK	EL53L-ADPRKK	EL53L-ADHRKK	EL53L-AEMRKK	EL53L-AEPRKK	
5	→	→	→	→	→
	→	→	→	→	→
	→	→	→	→	→
	→	→	→	→	→
	→	→	→	→	→
10	→	→	→	→	→
	→	→	→	→	→
	→	→	→	→	→
	→	→	→	→	→
15	1315 (51.8)	→	→	1316 (51.8)	→
	1311 (51.6)	→	→	1300 (51.2)	→
	→	→	→	→	→
	→	→	→	→	→
	→	→	→	→	→
20	→	→	→	→	→
	→	→	→	→	→
	569 (1255)	617 (1360)	551 (1215)	572 (1260)	619 (1365)
	367 (810)	→	360 (795)	376 (830)	→
	937 (2065)	984 (2170)	911 (2010)	948 (2090)	995 (2195)
25	—	—	—	—	—
	—	—	—	—	—
	1345 (2965)	1395 (3075)	1365 (3010)	1360 (2998)	1405 (3097)
	→	→	→	→	→
	→	→	→	→	→
30	180 (112)	170 (106)	→	180 (112)	170 (106)
	150 (93)	140 (87)	→	150 (93)	140 (87)
	—	—	—	—	—
	—	—	—	—	—
	46 (28)	53 (33)	55 (34)	46 (28)	53 (33)
35	85 (53)	96 (60)	100 (62)	85 (53)	96 (60)
	132 (82)	165 (103)	—	132 (82)	165 (103)
	→	→	→	→	→
	→	→	→	→	→
40	→	→	→	→	→
	→	→	→	→	→
	→	→	→	→	→
	→	→	→	→	→
	→	→	→	→	→
45	→	→	→	→	→
	→	→	→	→	→
	→	→	→	→	→
	→	→	→	→	→
	12-48	→	→	→	→
50	→	→	→	→	→
	1.0	→	→	→	→
	Dry, Single Plate	—	—	Dry, Single Plate	—
	C151	A242L	A132L	C151	A242L
	3.545	3.643	2.810	3.545	3.643
55	1.904	2.008	1.549	1.904	2.008
	1.233	1.296	1.000	1.233	1.296
	0.885	0.892	—	0.885	0.892
	0.725	—	—	0.725	—
	3.250	2.977	2.296	3.250	2.977
60	—	—	0.945	—	—
	3.722	2.821	3.722	→	2.821
	→	→	→	→	→
	→	→	→	→	→
	→	→	→	→	→
65	→	→	→	→	→
	→	→	→	→	→
	→	→	→	→	→
	→	→	→	→	→
	OPT* <sup>3</sup>	→	→	→	→
70	STD	→	→	→	→
	→	→	→	→	→
	→	→	→	→	→
	→	→	→	→	→

► PASEO

Item		Area	U.S.A.		Canada		
Body Type			2-Door Coupe				
Vehicle Grade			—				
Model Code			EL54L-DCMSKA	EL54L-DCPSKA	EL54L-DCMSKK	EL54L-DCPSKK	
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4155 (163.6)	→	→	→
		Width	mm (in.)	1660 (65.4)	→	→	→
		Height*	mm (in.)	1296 (51.0)	→	→	→
	Wheel Base		mm (in.)	2380 (93.7)	→	→	→
	Tread	Front	mm (in.)	1405 (55.3)	→	→	→
		Rear	mm (in.)	1395 (54.9)	→	→	→
	Effective Head Room	Front	mm (in.)	960 (37.8)	→	→	→
		Rear	mm (in.)	812 (32.0)	→	→	→
	Effective Leg Room	Front	mm (in.)	1044 (41.1)	→	→	→
		Rear	mm (in.)	762 (30.0)	→	→	→
	Shoulder Room	Front	mm (in.)	1315 (51.8)	→	→	→
		Rear	mm (in.)	1280 (50.4)	→	→	→
	Overhang	Front	mm (in.)	925 (36.4)	→	→	→
		Rear	mm (in.)	845 (33.3)	→	→	→
	Min. Running Ground Clearance		mm (in.)	125 (4.9)	→	→	→
	Angle of Approach		degrees	13◀	→	→	→
	Angle of Departure		degrees	21◀	→	→	→
	Curb Weight	Front	kg (lb)	583 (1285)	628 (1385)	587 (1295)	633 (1395)
Rear		kg (lb)	352 (775)	→	354 (780)	→	
Total		kg (lb)	935 (2060)	980 (2160)	941 (2075)	987 (2175)	
Gross Vehicle Weight Rating	Front	kg (lb)	—	—	—	—	
	Rear	kg (lb)	—	—	—	—	
	Total	kg (lb)	1284 (2830)	1331 (2935)	1281 (2825)	1331 (2935)	
Fuel Tank Capacity		ℓ (US.gal., Imp.gal.)	45 (11.9, 9.9)	→	→	→	
Luggage Compartment Capacity		m <sup>3</sup> (cu.ft.)	0.277 (7.5)	→	→	→	
Performance	Max. Speed		km/h (mph)	180 (112)	175 (109)	180 (112)	175 (109)
	Max. Cruising Speed		km/h (mph)	145 (90)	140 (87)	145 (90)	140 (87)
	Acceleration	0 to 100 km/h	sec.	11.0	12.0	11.0	12.0
		0 to 400 m	sec.	17.8	18.6	17.8	18.6
	Max. Permissible	1st Gear	km/h (mph)	42 (26)	53 (33)	42 (26)	53 (33)
		2nd Gear	km/h (mph)	80 (50)	97 (61)	80 (50)	97 (61)
		3rd Gear	km/h (mph)	117 (73)	—	117 (73)	—
		4th Gear	km/h (mph)	160 (99)	—	160 (99)	—
Turning Diameter (Outside Front)	Wall to Wall	m (ft.)	10.5 (34.4)	→	→	→	
	Curb to Curb	m (ft.)	10.0 (32.8)	→	→	→	
Engine	Engine Type		5E-FE	→	→	→	
	Valve Mechanism		16-Valve, DOHC	→	→	→	
	Bore x Stroke	mm (in.)	74.0 x 87.0 (2.91 x 3.43)	→	→	→	
	Displacement	cm <sup>3</sup> (cu.in.)	1497 (91.3)	→	→	→	
	Compression Ratio		9.4 : 1	→	→	→	
	Carburetor Type		SFI	→	→	→	
	Research Octane No.	RON	91	→	→	→	
Max. Output (SAE-NET)	kW / rpm (HP@rpm)	69 / 5400 (93@5400)	→	→	→		
Max. Torque (SAE-NET)	N·m / rpm (lb-ft@rpm)	136 / 4400 (100@4400)	→	→	→		
Engine Electrical	Battery Capacity (5HR)	Voltage & Amp. hr.	12-40, 48*1	→	12-48	→	
	Generator Output	Watts	720, 840*1	840	→	→	
	Starter Output	kW	0.8, 1.0*1	→	1.0	→	
Chassis	Clutch Type		Dry, Single	—	Dry, Single	—	
	Transaxle Type		C150	A244E	C150	A244E	
	Transmission Gear Ratio	In First		3.545	4.005	3.545	4.005
		In Second		1.904	2.208	1.904	2.208
		In Third		1.310	1.425	1.310	1.425
		In Fourth		0.969	0.981	0.969	0.981
		In Fifth		0.815	—	0.815	—
		In Reverse		3.250	3.272	3.250	3.272
	Counter Gear Ratio		—	—	—	—	
	Differential Gear Ratio (Final)		3.941	2.821	3.941	2.821	
	Brake Type	Front		Ventilated Disc	→	→	→
		Rear		L.T. Drum	→	→	→
	Parking Brake Type		Drum	→	→	→	
	Brake Booster Type and Size	in.	Single, 8"	→	→	→	
	Proportioning Valve Type		Dual P-Valve	→	→	→	
Suspension Type	Front		MacPherson Strut	→	→	→	
	Rear		Torsion Beam	→	→	→	
Stabilizer Bar	Front		STD	→	→	→	
	Rear		STD	→	→	→	
Steering Gear Type		Rack and Pinion	→	→	→		
Steering Gear Ratio (Overall)		17.5 : 1	→	→	→		
Power Steering Type		Integral Type	→	→	→		

\* : Unladen Vehicle  
 \*1: Option

– MEMO –

► CELICA

Item	Area		U.S.A.				
	Body Type		Coupe		Liftback		
	Vehicle Grade		ST				
	Model Code		ST204L-BCMSKA	ST204L-BCPSKA	ST204L-BLMSKA	ST204L-BLPSKA	
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4495 (177.0)	→	4425 (174.2)	→
		Width	mm (in.)	1750 (68.9)	→	→	→
		Height*	mm (in.)	1310 (51.6)	→	→	→
	Wheel Base		mm (in.)	2540 (100.0)	→	→	→
	Tread	Front	mm (in.)	1515 (59.6)	→	→	→
		Rear	mm (in.)	1495 (58.9)	→	→	→
	Effective Head Room	Front	mm (in.)	977 (38.5), 931 (36.7)*1	→	974 (38.4), 928 (36.6)*1	→
		Rear	mm (in.)	881 (34.7), 874 (34.5)*1	→	843 (33.2)	→
	Effective Leg Room	Front	mm (in.)	1122 (44.2)	→	→	→
		Rear	mm (in.)	681 (26.8)	→	→	→
	Shoulder Room	Front	mm (in.)	1333 (52.5)	→	→	→
		Rear	mm (in.)	1268 (49.9)	→	→	→
	Overhang	Front	mm (in.)	990 (39.0)	→	→	→
		Rear	mm (in.)	965 (38.0)	→	895 (35.2)	→
	Min. Running Ground Clearance		mm (in.)	130 (5.1)	→	→	→
	Angle of Approach		degrees	14.5◀	→	→	→
	Angle of Departure		degrees	17◀	→	18◀	→
	Curb Weight	Front	kg (lb)	728 (1605)	755 (1665)	728 (1605)	755 (1665)
Rear		kg (lb)	433 (955)	433 (955)	442 (975)	442 (975)	
Total		kg (lb)	1161 (2560)	1188 (2620)	1170 (2580)	1197 (2640)	
Gross Vehicle Weight	Front	kg (lb)					
	Rear	kg (lb)					
	Total	kg (lb)	1585 (3495)	→	→	→	
Fuel Tank Capacity		ℓ (US.gal., Imp.gal.)	60 (15.9, 13.2)	→	→	→	
Luggage Compartment Capacity		m <sup>3</sup> (cu.ft.)	—	—	—	—	
Performance	Max. Speed		km/h (mph)	200 (124)	195 (121)	200 (124)	195 (121)
	Max. Cruising Speed		km/h (mph)	185 (115)	180 (112)	185 (115)	180 (112)
	Acceleration	0 to 60 km/h	sec.	8.7	9.7	8.7	9.7
		0 to 400 m	sec.	16.5	17.2	16.5	17.2
	Max. Permissible Speed	1st Gear	km/h (mph)	51 (32)	59 (37)	51 (32)	59 (37)
		2nd Gear	km/h (mph)	85 (53)	108 (67)	85 (53)	108 (67)
		3rd Gear	km/h (mph)	126 (78)	—	126 (78)	—
		4th Gear	km/h (mph)	—	—	—	—
Turning Diameter (Outside Front)	Wall to Wall	m (ft.)	11.2 (36.7)	→	→	→	
	Curb to Curb	m (ft.)	10.4 (3.41)	→	→	→	
Engine	Engine Type		5S-FE	→	→	→	
	Valve Mechanism		16-Valve, DOHC	→	→	→	
	Bore x Stroke	mm (in.)	87.0 x 91.0 (3.43 x 3.58)	→	→	→	
	Displacement	cm <sup>3</sup> (cu.in.)	2164 (132.0)	→	→	→	
	Compression Ratio		9.5 : 1	→	→	→	
	Fuel System		SFI	→	→	→	
	Research Octane No.	RON	96	→	→	→	
	Max. Output (SAE-NET)	kW / rpm (HP / rpm)	97 / 5400 (130 / 5400)	→	→	→	
Max. Torque (SAE-NET)	N·m / rpm (lb-ft / rpm)	197 / 4400 (145 / 4400)	→	→	→		
Engine Electrical	Battery Capacity (5HR)	Voltage & Amp. hr.	12-52	→	→	→	
	Generator Output	Watts	840	960	840	960	
	Starter Output	kW	1.4	→	→	→	
Chassis	Clutch Type		Dry, Single Plate	—	Dry, Single Plate	—	
	Transaxle Type		S54	A140E	S54	A140E	
	Transmission Gear Ratio	In First		3.285	2.810	3.285	2.810
		In Second		1.960	1.549	1.960	1.549
		In Third		1.322	1.000	1.322	1.000
		In Fourth		1.028	0.706	1.028	0.706
		In Fifth		0.820	—	0.820	—
		In Reverse		3.153	2.296	3.153	2.296
	Counter Gear Ratio		—	0.945	—	0.945	
	Differential Gear Ratio (Final)		4.176	3.950	4.176	3.950	
	Brake Type	Front		Ventilated Disc	→	→	→
		Rear		Solid Disc	→	→	→
	Parking Brake Type			Duo Servo	→	→	→
	Brake Booster Type and Size	in.		Tandem, 7" + 8"	→	→	→
	Proportioning Valve Type			Dual-P Valve	→	→	→
Suspension Type	Front		MacPherson Strut	→	→	→	
	Rear		MacPherson Strut	→	→	→	
Stabilizer Bar	Front		STD	→	→	→	
	Rear		STD	→	→	→	
Steering Gear Type			Rack & Pinion	→	→	→	
Steering Gear Ratio (Overall)			17.2	→	→	→	
Power Steering Type			Integral Type	→	→	→	

\* : Unladen Vehicle  
 \*1: With Sun Roof

Canada	
Liftback	
GT	
ST204L-BLMGKK	ST204L-BLPGKK
5	→
	→
	→
	→
	→
	→
10	→
	→
	→
	→
	→
15	→
	→
	→
	→
	→
20	→
	→
	728 (1605)
	442 (975)
	1170 (2580)
25	
	→
	→
	—
30	200 (124)
	185 (115)
	8.7
	16.5
	51 (32)
35	85 (53)
	126 (78)
	→
	→
40	→
	→
	→
	→
	→
45	→
	→
	→
	→
50	840
	→
	Dry, Single Plate
	S54
	3.285
55	1.960
	1.322
	1.028
	0.820
	3.153
60	→
	4.176
	→
	→
	→
65	→
	→
	→
	→
70	→
	→
	→
	→

► RAV4 (Soft Top)

Item		Area	U.S.A. & Canada				
Body Type			2-Door Soft Top				
Vehicle Grade			—				
Model Code			SXA10L-AKMGKA	SXA10L-AKPGKA	SXA15L-AKMGKA	SXA15L-AKPGKA	
Major Dimensions & Vehicle Weights	Overall	Length mm (in.)	3750 (147.6), 3765 (148.2)*1	→	3750 (147.6)	→	
		Width mm (in.)	1695 (66.7), 1760 (69.3)*1	→	1695 (66.7)	→	
		Height* mm (in.)	1660 (65.4), 1640 (64.6)*1	→	1650 (65.0)	→	
	Wheel Base	mm (in.)	2200 (86.1)	→	→	→	
	Tread	Front mm (in.)	1460 (57.5), 1480 (58.3)*1	→	1460 (57.5)	→	
		Rear mm (in.)	1465 (57.7), 1490 (58.7)*1	→	1470 (57.9)	→	
	Effective Head Room	Front mm (in.)	999 (39.3)	→	→	→	
		Rear mm (in.)	993 (39.1)	→	→	→	
	Effective Leg Room	Front mm (in.)	1003 (39.5)	→	→	→	
		Rear mm (in.)	862 (33.9)	→	→	→	
	Shoulder Room	Front mm (in.)	1354 (53.3)	→	→	→	
		Rear mm (in.)	1276 (50.2)	→	→	→	
	Overhang	Front mm (in.)	745 (29.3)	→	→	→	
		Rear mm (in.)	805 (31.7), 820 (32.3)*1	→	805 (31.7)	→	
	Min. Running Ground Clearance	mm (in.)	195 (7.7), 175 (6.9)*1	→	185 (7.3)	→	
	Angle of Approach	degrees	37◀34◀1	→	36◀	→	
	Angle of Departure	degrees	41◀38◀1	→	40◀	→	
	Curb Weight	Front kg (lb)	740 (1631)	770 (1698)	700 (1543)	720 (1587)	
Rear kg (lb)		495 (1091)	→	455 (1003)	→		
Total kg (lb)		1235 (2722)	1265 (2789)	1155 (2546)	1175 (2590)		
Gross Vehicle Weight	Front kg (lb)	—	—	—	—		
	Rear kg (lb)	—	—	—	—		
	Total kg (lb)	1655 (3649)	→	1610 (3549)	→		
Fuel Tank Capacity	ℓ (US.gal., Imp.gal.)	58 (15.3, 12.8)	→	→	→		
Luggage Compartment Capacity	m <sup>3</sup> (cu.ft.)	—	→	→	→		
Performance	Max. Speed	km/h (mph)	165 (103)	160 (100)	170 (106)	165 (103)	
	Max. Cruising Speed	km/h (mph)	130 (81)	125 (78)	135 (84)	130 (81)	
	Acceleration	0 to 100 km/h sec.	10.4, 10.6*1	11.9, 12.1*1	9.4	10.6	
		0 to 400 m sec.	17.9, 18.0*1	19.1, 19.3*1	17.5	18.3	
	Max. Permissible Speed	1st Gear km/h (mph)	44 (27), 43 (26)*1	67 (42), 65 (40)*1	47 (29)	72 (45)	
		2nd Gear km/h (mph)	88 (55), 86 (53)*1	121 (75), 118 (73)*1	95 (59)	130 (81)	
		3rd Gear km/h (mph)	133 (83), 129 (80)*1	→	144 (90)	→	
4th Gear km/h (mph)		→	→	→	→		
Turning Diameter (Outside Front)	Wall to Wall m (ft.)	10.6 (34.8)	→	→	→		
	Curb to Curb m (ft.)	10.2 (33.5)	→	→	→		
Engine	Engine Type		3S-FE	→	→	→	
	Valve Mechanism		16-Valve, DOHC	→	→	→	
	Bore x Stroke	mm (in.)	86.0 x 86.0 (3.39 x 3.39)	→	→	→	
	Displacement	cm <sup>3</sup> (cu.in.)	1998 (121.9)	→	→	→	
	Compression Ratio		9.5 : 1	→	→	→	
	Carburetor Type		SFI	→	→	→	
	Research Octane No. RON		91	→	→	→	
Max. Output (SAE-NET)	kW / rpm (HP@rpm)	95 / 5400 (127@5400), 93 / 5400 (125@5400)*3	→	→	→		
Max. Torque (SAE-NET)	N·m / rpm (lb-ft@rpm)	179 / 4600 (132@4600), 176 / 4600 (130@4600)*3	→	→	→		
Engine Electrical	Battery Capacity (5HR)	Voltage & Amp. hr.	12-36, 48*4	→	→	→	
	Generator Output	Watts	960	→	→	→	
	Starter Output	kW	1.2, 1.4*4	→	→	→	
Chassis	Clutch Type		Dry, Single Plate, Diaphragm	→	Dry, Single Plate, Diaphragm	→	
	Transaxle Type		E250F	A540H	E250	A247E	
	Transmission Gear Ratio	In First		3.833	2.810	3.833	3.643
		In Second		1.913	1.549	1.913	2.008
		In Third		1.258	1.000	1.258	1.296
		In Fourth		0.918	0.734	0.918	0.892
		In Fifth		0.775	→	0.775	→
		In Reverse		3.583	2.296	3.538	2.977
	Counter Gear Ratio		→	1.027	→	→	
	Differential Gear Ratio (Final)		4.933	4.285	4.562	3.178	
	Transfer and Rear Differential Gear Ratio		2.928	→	→	→	
	Rear Differential Gear Size	in.	6.7"	→	→	→	
	Brake Type	Front		Ventilated Disc	→	→	→
		Rear		Leading-Trailing	→	→	→
Parking Brake Type			Drum	→	→	→	
Brake Booster Type and Size	in.		Single, 10"	→	→	→	
Proportioning Valve Type			Dual-P Valve	→	→	→	
Suspension Type	Front		MacPherson Strut	→	→	→	
	Rear		Double Wishbone	→	→	→	
Stabilizer Bar	Front		STD	→	→	→	
	Rear		→	→	→	→	
Steering Gear Type			Rack & Pinion	→	→	→	
Steering Gear Ratio (Overall)			17.7 : 1	→	→	→	
Power Steering Type			Integral Type	→	→	→	

\* : Unladen Vehicle  
 \*3: California Specification Model

\*1: With 235/60R16 Tire  
 \*4: Option

– MEMO –

► **TOYOTA TACOMA (PreRunner)**

Item	Area	U.S.A.				
		Extra Cab	DLX			
Body Type		DLX				
Vehicle Grade		DLX				
Model Code		RZN196L-CRPDKAB	VZN195L-CRPDKAB			
Major Dimensions & Vehicle Weights	Overall	Length mm (in.)	5135 (202.2)	→	5	
		Width mm (in.)	1690 (66.5), 1720 (67.7)*1, 1765 (69.5)*2	→		
		Height* mm (in.)	1705 (67.1), 1730 (68.1)*1	→		
	Wheel Base	mm (in.)	3095 (121.9)	→		
	Tread	Front mm (in.)	1460 (57.5), 1500 (59.1)*1	→		10
		Rear mm (in.)	1455 (57.3), 1495 (58.9)*1	→		
	Effective Head Room	Front mm (in.)	984 (38.7), 975 (38.4)*3	→		15
		Rear mm (in.)	898 (35.4)	→		
	Effective Leg Room	Front mm (in.)	1088 (42.8)	→		15
		Rear mm (in.)	690 (27.2)	→		
	Shoulder Room	Front mm (in.)	1375 (54.1)	→		15
		Rear mm (in.)	1355 (53.3)	→		
	Cargo Space	Length mm (in.)	—	—		20
		Width mm (in.)	—	—		
		Height mm (in.)	—	—		
	Overhang	Front mm (in.)	800 (31.5)	→		20
		Rear mm (in.)	1240 (48.8)	→		
	Min. Running Ground Clearance	mm (in.)	280 (11.0), 315 (12.4)*1	→		
	Angle of Approach	degrees	32 ◀ 35 ◀1	→		
	Angle of Departure	degrees	24 ◀ 26 ◀1	→		
Curb Weight	Front kg (lb)	820 (1807)	870 (1917)	25		
	Rear kg (lb)	620 (1366)	→			
	Total kg (lb)	1440 (3173)	1490 (3233)			
Gross Vehicle Weight	Front kg (lb)	—	—	30		
	Rear kg (lb)	—	—			
	Total kg (lb)	2315 (1050)	→			
Fuel Tank Capacity	ℓ (US.gal., Imp.gal.)	68 (18.0, 15.0)	→			
Luggage Compartment Capacity	m <sup>3</sup> (cu.ft.)	—	—			
Performance	Max. Speed	km/h (mph)	161 (100)	165 (103)	35	
	Max. Cruising Speed	km/h (mph)	—	—		
	Max. Permissible Speed	1st Gear km/h (mph)	38 (24)	41 (25)		
		2nd Gear km/h (mph)	71 (44)	75 (47)		
		3rd Gear km/h (mph)	107 (66)	103 (64)		
		4th Gear km/h (mph)	—	—		
Turning Diameter (Outside Front)	Wall to Wall m (ft.)	12.9 (42.3)	→	40		
	Curb to Curb m (ft.)	12.2 (40.0)	→			
Engine	Engine Type		3RZ-FE	5VZ-FE	45	
	Valve Mechanism		16-Valve, DOHC	24-Valve, DOHC		
	Bore x Stroke	mm (in.)	95.0 x 95.0 (3.74 x 3.74)	93.5 x 82.0 (3.68 x 3.23)		
	Displacement	cm <sup>3</sup> (cu.in.)	2694 (164.3)	3378 (206.1)		
	Compression Ratio		9.5 : 1	9.6 : 1		
	Carburetor Type		SFI	→		
	Research Octane No.	RON	91	→		
	Max. Output (SAE-NET)	kW / rpm (HP@rpm)	112 / 4800 (150@4800)	142 / 4800 (190@4800)		
Max. Torque (SAE-NET)	N·m / rpm (lb-ft@rpm)	240 / 4000 (177@4000)	298 / 3600 (220@3600)			
Engine Electrical	Battery Capacity (5HR)	Voltage & Amp. hr.	12-55	12-48, 55*4	50	
	Generator Output	Watts	840	→		
	Starter Output	kW	1.4, 2.0*4	1.4, 1.8*4		
Chassis	Clutch Type		—	—	55	
	Transmission Type		A340E	→		
	Transmission Gear Ratio	In First		2.804		→
		In Second		1.531		→
		In Third		1.000		→
		In Fourth		0.705		→
		In Fifth		—		—
		In Reverse		2.393		→
	Transfer Gear Ratio H4 / L4		—	—		
	Differential Gear Ratio (Front / Rear)		— / 3.909, 4.300*1	— / 3.909, 4.100*1		
	Differential Gear Size (Front / Rear)	in.	— / 8"	→		
	Brake Type	Front		Ventilated Disc		→
		Rear		L.T. Drum		→
	Parking Brake Type			L.T. Drum		→
	Brake Booster Type and Size	in.		Tandem 8" + 9"		→
Proportioning Valve Type			LSP & BV	→		
Suspension Type	Front		Double Wishbone, Coil	→		
	Rear		Rigid Leaf	→		
Stabilizer Bar	Front		STD	→		
	Rear		—	—		
Steering Gear Type			Rack and Pinion	→		
Steering Gear Ratio (Overall)			19.4	→		
Power Steering Type			Integral Type	→		

\* : Unladen Vehicle  
\*3: With Moon Roof

\*1: With 31 x 10.5 R15 Tire or P265 / 75R15 Tire  
\*4: Option

\*2: With Wheel Opening Extension