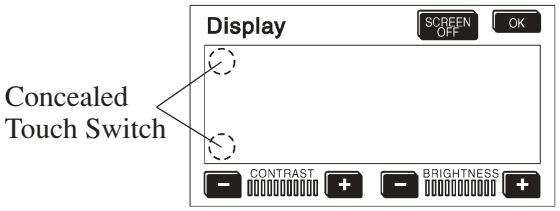
Service Tip

The diagnosis menu screen can be displayed according to the procedure given below.

1) Vehicle speed should be 0 km/h (0 mph).
2) Apply the parking brake.
3) Select the power source mode to ACC or IG-ON
4) Push the DISPLAY button.
5) Activate the screen adjustment screen.
6) Alternately touch the upper and lower bottom parts of the left end of the screen 3 times.



199BE404

For details, refer to the RAV4 Repair Manual (Pub. No. RM01N0E).

■BLUETOOTH HANDS-FREE SYSTEM

1. General

Bluetooth is a short-distance, high-speed wireless data communication system that uses the 2.4GHz frequency band prescribed by the Bluetooth SIG (Special Interest Group).

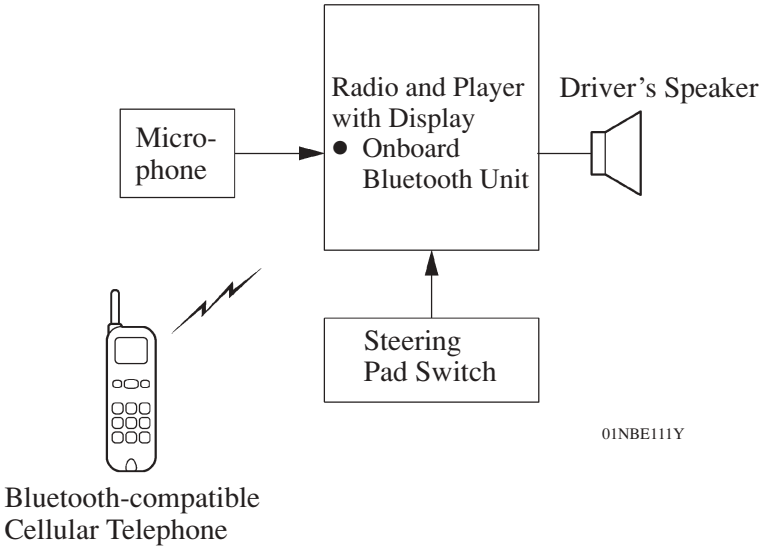
- An onboard Bluetooth unit has been integrated in the radio and player with display.
- This enables hands-free communication with Bluetooth-compatible cellular telephone.

Bluetooth® 001SI50Y

Bluetooth is a trademark owned by Bluetooth SIG, Inc.

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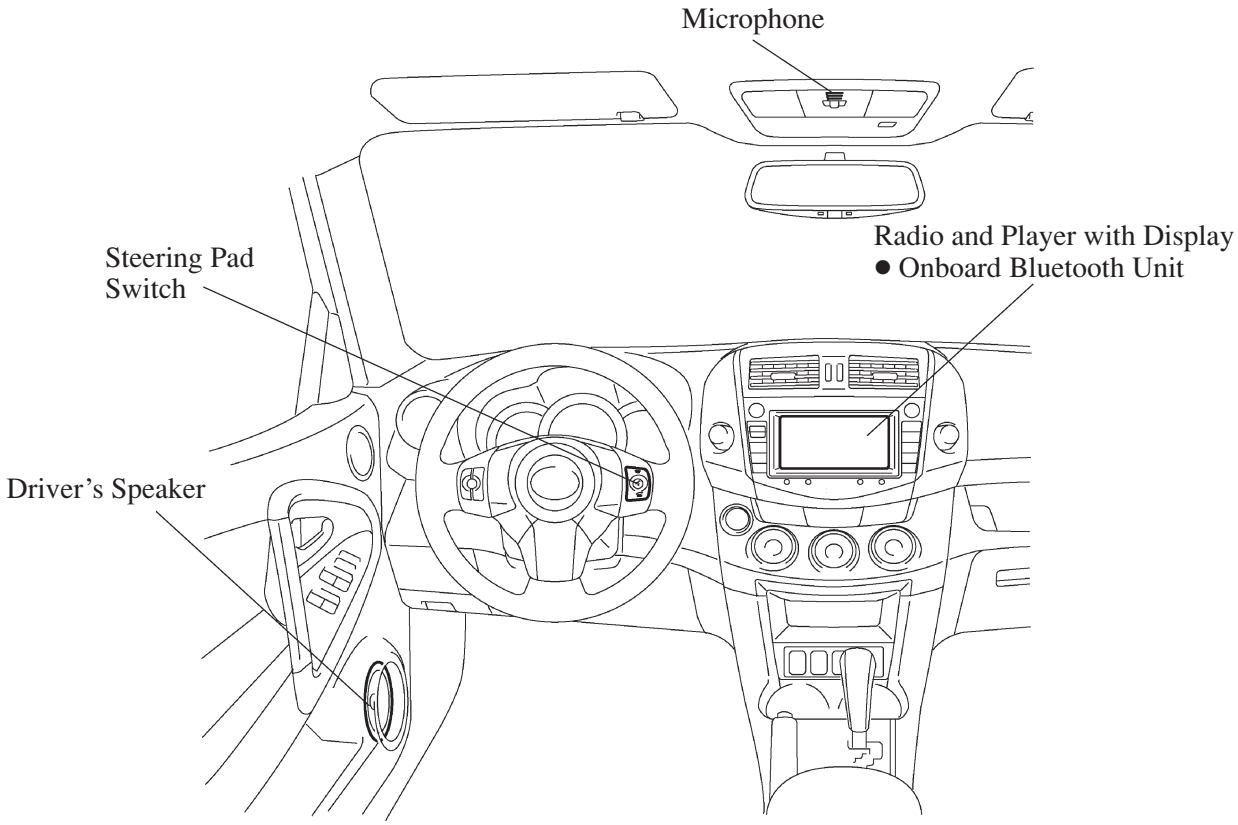
▶ System Diagram ◀



▶ Specification ◀

Item	Specifications
Communication Distance	Approximate 10 m (393.7 in.) radius
The Number of Devices Connected Simultaneously	1 device (Maximum of 6 devices can be registered)
Use Frequency Range	2.4 GHz [ISM (Industry Science Medical) band range]

2. Layout of Main Components



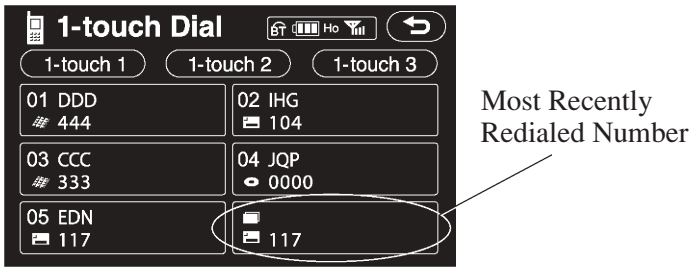
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▶ Function of Main Components ◀

Item	Outline
Onboard Bluetooth Unit	The onboard Bluetooth unit consists of an antenna and a module. The module contains an interface to connect the onboard Bluetooth unit to the radio and player with display. Another function of the module is to process the data that is being transmitted or received by the antenna.
Steering Pad Switch	Contains "ON-HOOK" and "OFF-HOOK" switches for operating the telephone.
Microphone	These items are used by an occupant in the vehicle to operate the hands-free function while talking with another person on the cellular telephone.
Driver's Speaker	

3. Bluetooth Phone Functions

- The Bluetooth phone operates when the radio and player with display is ON with the power source mode in either ACC or ON. However, for safety, some functions may become inoperable when vehicle starts driving.
- This system has the functions listed below.

Function		Outline
Enter the Bluetooth Phone		In order to use hands-free function of the Bluetooth phone, it is necessary to register a Bluetooth-compatible cellular telephone in the radio and player with display. When a cellular telephone is registered once, the hands-free function becomes available automatically. Up to six Bluetooth-compatible cellular telephone can be registered.
Select the Bluetooth Phone		When two or more registered Bluetooth phones are in the cabin, it is necessary to select which phone to use to prevent the lines from being crossed. Only selected phone is available for use as a hands-free phone.
Delete the Bluetooth Phone		The registered Bluetooth-compatible cellular telephone can be cleared.
Call the Bluetooth Phone	By Dial	User can call by inputting the telephone number.
	By Phone Book	User can call by phone book data which has been transferred from the user's cellular telephone. User can register up to 1,000 numbers in the phone book (if two telephone numbers are registered for each person). Either an alphabetical order or group display method can be selected.
	By Dialed Numbers	Use can call by dialed number. The system memorizes up to five dialed numbers. If it is over than five, the oldest number is deleted.
	By Received Calls	User can call by received calls. When a call is received, the system memorizes up to five numbers. If it is over than five, the oldest number is deleted.
	By 1-touch Dial*	User can make 1-touch calls by dialing numbers that have been previously registered in the phone book. Up to 17 telephone numbers can be registered from the dialed numbers registered in the phone book. The most recently redialed number is registered automatically on the bottom right of 1-touch 1 screen.  001SI49Y

*: User can operate it while driving. (Continued)

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Function		Outline
Call the Bluetooth Phone	Voice-recognition Transmission Function	User can call by voice recognition, using up to 20 registered voice recognition terms. In addition, user can call by saying a telephone number. Recognized telephone numbers will be called.
	By POI (Point of Interest) Call	User can call by operating a switch when "Call" displayed on the screen from navigation system.
Receive the Bluetooth Phone		When a call is received, receive screen is displayed with a sound.
Talk on the Bluetooth Phone		User can start talking on the phone by pressing the "OFF-HOOK" switch on the steering pad, and refuse to receive a call by pressing the "ON-HOOK" switch.
Bluetooth Phone Setting Function	1-touch Settings	User can register the desired telephone number from phone books, dialed numbers and received calls. Up to 17 one-touch dial numbers can be registered. However, the most recently redialed number is selected automatically as one of the one-touch dial numbers.
	Tone Setting	User can set the reception volume and ring tone volume. The volume can be set so that it increases automatically when driving at high speed.
Settings Related to Hands-free Talk	Screen Settings	User can set the screen display when a call is received. A time within a range of 1 to 60 seconds can be set for the automatic received call response. When the power source mode is selected to ACC or IG-ON, the screen can be set to display or not display whether it is connected to a Bluetooth-compatible cellular telephone.
	Phone Book Settings	User can make settings related to the phone book. The user's phone book data from a cellular telephone can be transferred, up to a maximum of 1,000 numbers. Group names can be registered or deleted.
	Security Settings	User can prohibit the use of the phone book, dialed numbers, received calls and 1-touch dial.
	Select Telephone	User can select one Bluetooth-compatible cellular telephone to use out of all the Bluetooth-compatible cellular telephones that are registered. Only the Bluetooth-compatible cellular telephone that is selected here can be used to talk hands-free.
	Bluetooth Settings	User can register or delete the Bluetooth-compatible cellular telephone, and change the PASS-KEY number of the on-board equipment.

4. Operation Procedure

- When making a phone call, select a person to call while keeping a Bluetooth-compatible cellular telephone in a bag or a shirt pocket. The number is transmitted by the radio and player with display or the steering pad switch to converse with another person on the cellular telephone circuit via Bluetooth communication.
- Unlike in the past, it is not necessary to connect the cellular telephone with the onboard Bluetooth unit. Also, because Bluetooth communication connects automatically, no complex setups are required to use it each time. However, a Bluetooth-compatible cellular telephone must be registered initially with the onboard device.



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5. Procedures for Registering, Selecting, and Deleting Bluetooth-compatible Cellular Telephones

General

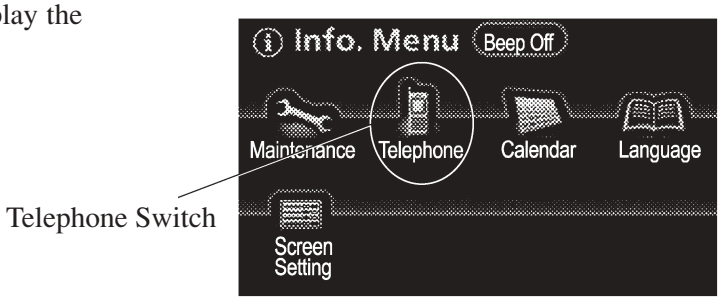
- To use the hands-free function, a Bluetooth-compatible cellular telephone must be registered with the onboard device.
- Once a Bluetooth-compatible cellular telephone has been registered, it connects automatically so that it can be used subsequently for making hands-free telephone calls. A maximum of six Bluetooth-compatible cellular telephones can be registered with an onboard Bluetooth unit.

Procedure for Registering Cellular Telephones

The procedure for registering cellular telephones is shown below. The display screen shown is for vehicles equipped with the navigation with AV system.

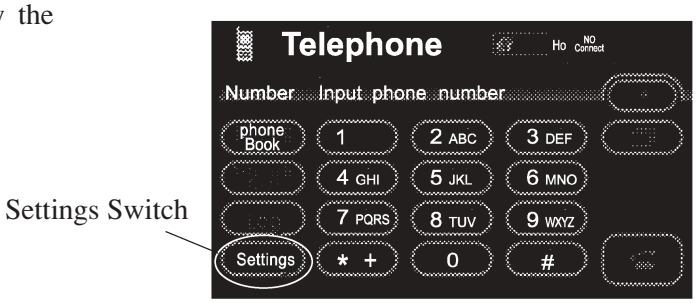
a) Press the “INFO” button to display the “Info. Menu” screen.

b) Touch the “Telephone” switch to display the “Telephone” screen.



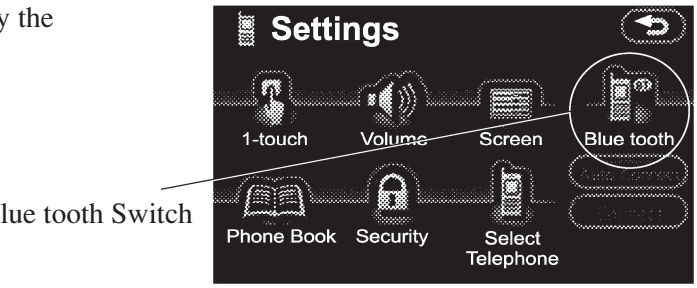
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c) Touch the "Settings" switch to display the "Settings" screen.



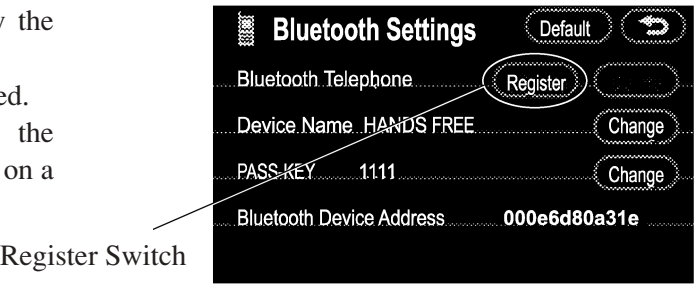
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d) Touch the "Blue tooth" switch to display the "Bluetooth Settings" screen.



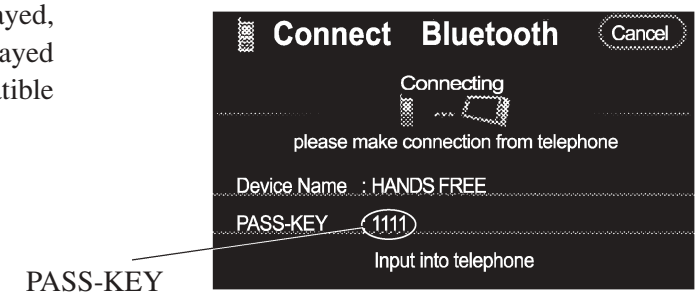
001SI20Y

e) Touch the "Register" switch to display the "Connect Bluetooth" screen.
The Bluetooth device address is displayed. However, it is impossible to change the number as it is allocated to each system on a vehicle.



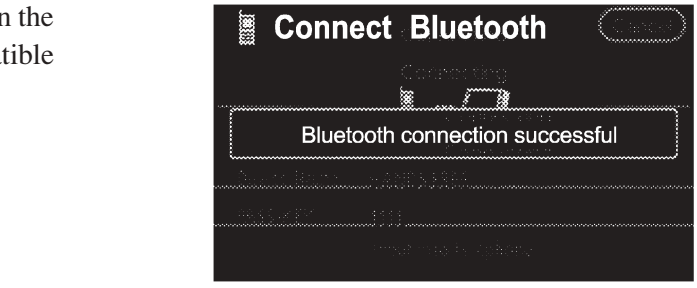
001SI21Y

f) When the screen on the right is displayed, input the PASS-KEY number that is displayed on the screen into a Bluetooth-compatible cellular telephone.
(To cancel, touch the "Cancel" switch.)



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g) The screen on the right is displayed when the connection with a Bluetooth-compatible cellular telephone is completed.



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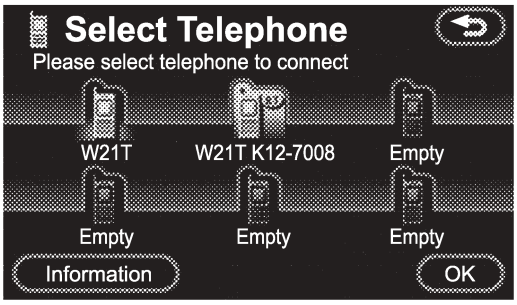
Procedure for Switching Registered Cellular Telephones

- When more than one Bluetooth-compatible cellular telephone is registered, the Bluetooth-compatible cellular telephone that is normally used must be selected.
- The procedure for selecting a Bluetooth-compatible cellular telephone is shown below.

a) Display the "Settings" screen.

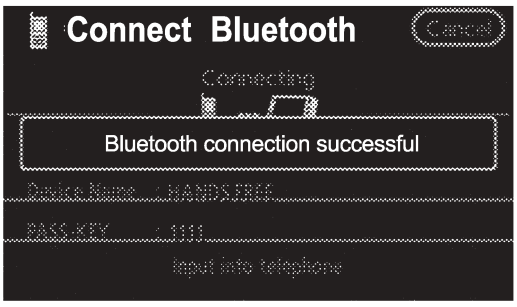
b) Press the "Select Telephone" switch to display the "Select Telephone" screen.

c) In the "Select Telephone" screen, the Bluetooth-compatible cellular telephone that is normally used can be selected from the maximum of six Bluetooth-compatible cellular telephones that are registered.
If a Bluetooth-compatible cellular telephone is not registered, then "Empty" is displayed, and when a cellular telephone is selected, then the Bluetooth mark is displayed. (A maximum of six Bluetooth-compatible cellular telephones can be registered, but of these only the one that is selected can be used.) After selection, touch the "OK" switch.



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d) When the screen on the right is displayed, the Bluetooth phone can be used.



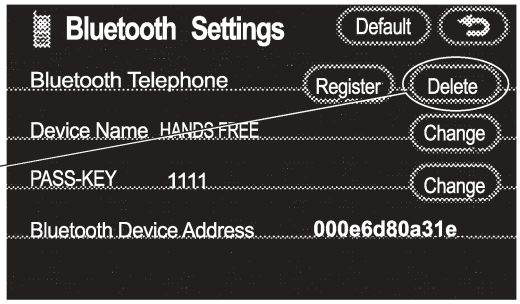
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Procedure for Deleting Registered Cellular Telephones

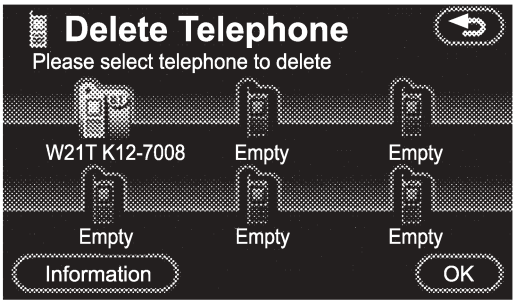
- The procedure for deleting registered Bluetooth-compatible cellular telephones is shown below.

a) In the "Bluetooth Settings" screen, touch the "Delete" switch of the "Bluetooth Telephone".



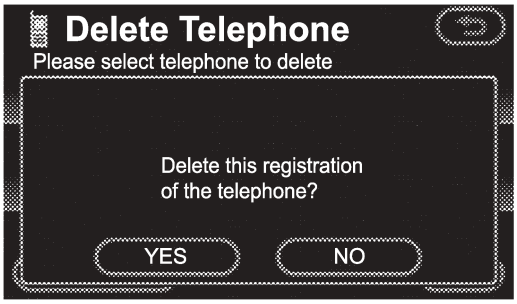
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b) Select the Bluetooth-compatible cellular telephone to delete, and touch the “OK” switch.



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c) When the screen on the right is displayed, touch the “YES” switch. The registered data is deleted from the registration list.



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